

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122723\
 Data File : VN080598.D
 Acq On : 27 Dec 2023 12:59
 Operator : JC\MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC005

Quant Time: Dec 28 02:28:01 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122723W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 28 01:54:24 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John Carlone 12/28/2023
 Supervised By :Semsettin Yesilyurt 01/01/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.224	168	469700	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	833824	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	648721	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	277031	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	31116	5.165	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	10.320%#		
35) Dibromofluoromethane	8.171	113	28370	5.261	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	10.520%#		
50) Toluene-d8	10.565	98	99737	5.297	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	10.600%#		
62) 4-Bromofluorobenzene	12.847	95	28764	4.539	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	9.080%#		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	28207	5.406	ug/l	94
3) Chloromethane	2.359	50	40042	5.744	ug/l	98
4) Vinyl Chloride	2.512	62	32444	5.588	ug/l	98
5) Bromomethane	2.947	94	12848	5.823	ug/l	87
6) Chloroethane	3.112	64	18004	4.967	ug/l	99
7) Trichlorofluoromethane	3.500	101	44484	5.366	ug/l	99
8) Diethyl Ether	3.965	74	14807	5.201	ug/l	76
9) 1,1,2-Trichlorotrifluo...	4.365	101	23189	5.124	ug/l #	68
10) Methyl Iodide	4.588	142	15928	5.094	ug/l	93
11) Tert butyl alcohol	5.512	59	20932	25.824	ug/l #	93
12) 1,1-Dichloroethene	4.336	96	23486	5.410	ug/l	95
13) Acrolein	4.177	56	25022	27.303	ug/l	95
14) Allyl chloride	5.018	41	32368	4.911	ug/l	94
15) Acrylonitrile	5.718	53	54508	23.578	ug/l	97
16) Acetone	4.424	43	44837	27.377	ug/l	100
17) Carbon Disulfide	4.712	76	65880	5.643	ug/l #	95
18) Methyl Acetate	5.030	43	41724	4.595	ug/l	90
19) Methyl tert-butyl Ether	5.794	73	75034	4.801	ug/l	98
20) Methylene Chloride	5.271	84	26571	5.085	ug/l	95
21) trans-1,2-Dichloroethene	5.788	96	27547	5.252	ug/l	98
22) Diisopropyl ether	6.671	45	78822	5.385	ug/l #	93
23) Vinyl Acetate	6.606	43	226449m	27.528	ug/l	
24) 1,1-Dichloroethane	6.577	63	54113	5.515	ug/l	96
25) 2-Butanone	7.482	43	87786	28.678	ug/l #	85
26) 2,2-Dichloropropane	7.488	77	45777	5.360	ug/l	97
27) cis-1,2-Dichloroethene	7.482	96	34350	5.506	ug/l	90
28) Bromochloromethane	7.818	49	25811	5.658	ug/l #	80
29) Tetrahydrofuran	7.841	42	55868	27.985	ug/l #	82
30) Chloroform	7.971	83	55963	5.681	ug/l	98
31) Cyclohexane	8.259	56	45536	5.586	ug/l	96
32) 1,1,1-Trichloroethane	8.165	97	48318	5.440	ug/l	94
36) 1,1-Dichloropropene	8.376	75	38654	4.657	ug/l	95
37) Ethyl Acetate	7.565	43	26155	4.176	ug/l	97
38) Carbon Tetrachloride	8.365	117	37924	4.467	ug/l	96
39) Methylcyclohexane	9.606	83	32743	4.810	ug/l	87
40) Benzene	8.606	78	126178	5.546	ug/l	99

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Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/28/2023
 Supervised By : Semsettin Yesilyurt 01/01/2024

Quant Time: Dec 28 02:28:01 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122723W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 28 01:54:24 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	20906	5.481	ug/l #	82
42) 1,2-Dichloroethane	8.671	62	38123	4.957	ug/l	98
43) Isopropyl Acetate	8.688	43	53706	5.291	ug/l #	96
44) Trichloroethene	9.353	130	31073	5.016	ug/l	93
45) 1,2-Dichloropropane	9.623	63	27097	4.804	ug/l	99
46) Dibromomethane	9.706	93	21317	5.617	ug/l	89
47) Bromodichloromethane	9.888	83	39911	5.017	ug/l	98
48) Methyl methacrylate	9.682	41	30277	5.372	ug/l #	84
49) 1,4-Dioxane	9.694	88	9936	110.295	ug/l #	83
51) 4-Methyl-2-Pentanone	10.447	43	161143	27.911	ug/l	95
52) Toluene	10.629	92	76085	5.766	ug/l	97
53) t-1,3-Dichloropropene	10.835	75	39112	4.877	ug/l	97
54) cis-1,3-Dichloropropene	10.318	75	50249	5.598	ug/l	95
55) 1,1,2-Trichloroethane	11.023	97	26613	5.084	ug/l	96
56) Ethyl methacrylate	10.876	69	24938	4.864	ug/l #	89
57) 1,3-Dichloropropane	11.165	76	44141	4.977	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	89112	24.611	ug/l	95
59) 2-Hexanone	11.194	43	118510	27.235	ug/l	92
60) Dibromochloromethane	11.359	129	28693	4.923	ug/l	96
61) 1,2-Dibromoethane	11.470	107	27353	5.183	ug/l	96
64) Tetrachloroethene	11.106	164	22590	5.211	ug/l	92
65) Chlorobenzene	11.894	112	70702	5.239	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.959	131	26130	5.034	ug/l	95
67) Ethyl Benzene	11.964	91	115724	5.129	ug/l	100
68) m/p-Xylenes	12.076	106	84747	10.123	ug/l	97
69) o-Xylene	12.400	106	41680	5.069	ug/l	99
70) Styrene	12.412	104	58389	4.884	ug/l	98
71) Bromoform	12.582	173	18713	5.096	ug/l #	97
73) Isopropylbenzene	12.700	105	100009	5.274	ug/l	100
74) N-amyl acetate	12.500	43	35562	5.316	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.941	83	36563	5.588	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	32901m	5.522	ug/l	
77) Bromobenzene	12.982	156	26184	5.199	ug/l	94
78) n-propylbenzene	13.035	91	113360	5.228	ug/l	96
79) 2-Chlorotoluene	13.129	91	73262	5.176	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	79465	4.963	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	11502	5.229	ug/l #	58
82) 4-Chlorotoluene	13.223	91	75689	5.228	ug/l	100
83) tert-Butylbenzene	13.441	119	66279	4.953	ug/l	98
84) 1,2,4-Trimethylbenzene	13.488	105	81994	5.058	ug/l	99
85) sec-Butylbenzene	13.617	105	87707	4.953	ug/l	99
86) p-Isopropyltoluene	13.729	119	74895	5.102	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	47008	5.179	ug/l	98
88) 1,4-Dichlorobenzene	13.817	146	47590	5.216	ug/l	94
89) n-Butylbenzene	14.058	91	62552	4.727	ug/l	99
90) Hexachloroethane	14.335	117	13930	5.040	ug/l	91
91) 1,2-Dichlorobenzene	14.111	146	44955	5.132	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	6882	5.096	ug/l	99
93) 1,2,4-Trichlorobenzene	15.394	180	23816	5.153	ug/l	95
94) Hexachlorobutadiene	15.500	225	11907	4.992	ug/l	98
95) Naphthalene	15.641	128	69538	4.834	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	22598	4.836	ug/l	99

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Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

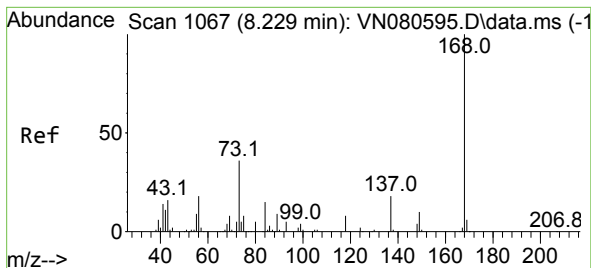
Manual Integrations
APPROVED

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Supervised By :Semsettin Yesilyurt 01/01/2024

Quant Time: Dec 28 02:28:01 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122723W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 28 01:54:24 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.224 min Scan# 1067

Delta R.T. -0.005 min

Lab File: VN080598.D

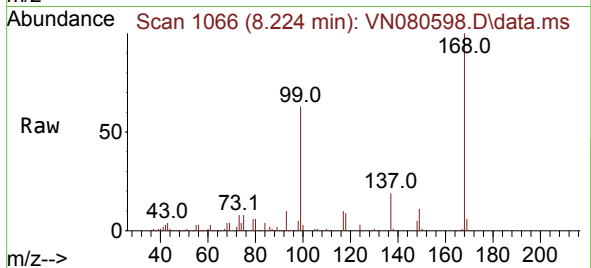
Acq: 27 Dec 2023 12:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005



Tgt Ion:168 Resp: 469700

Ion Ratio Lower Upper

168 100

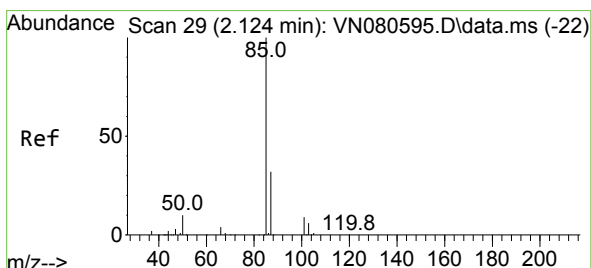
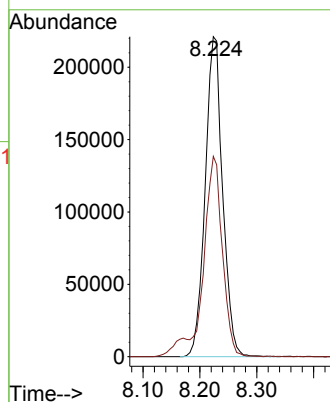
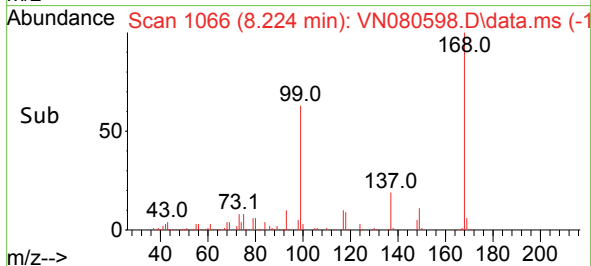
99 62.5 53.0 79.6

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 5.406 ug/l

RT: 2.124 min Scan# 29

Delta R.T. -0.000 min

Lab File: VN080598.D

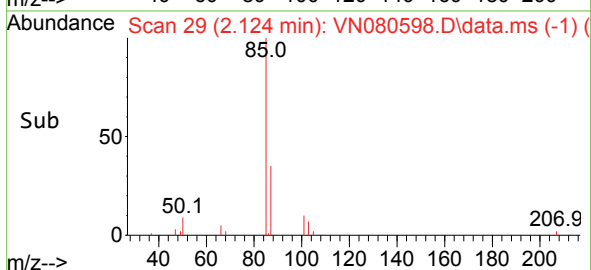
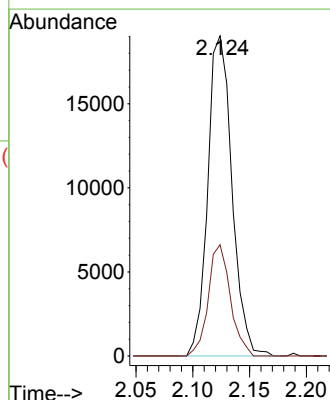
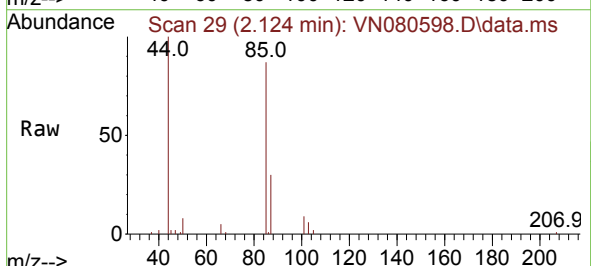
Acq: 27 Dec 2023 12:59

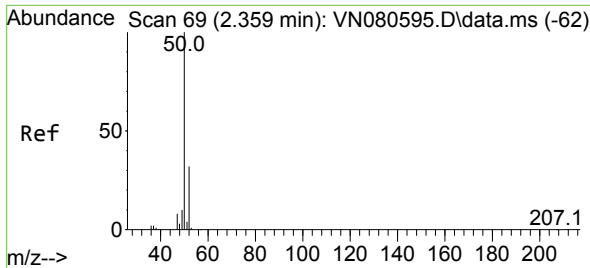
Tgt Ion: 85 Resp: 28207

Ion Ratio Lower Upper

85 100

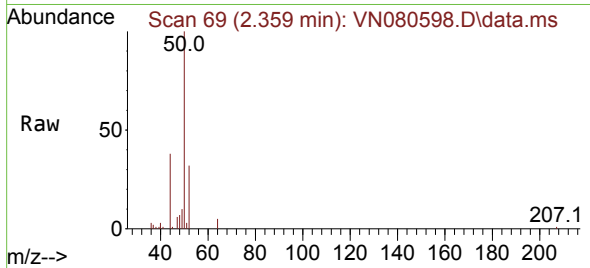
87 34.8 15.8 47.4





#3
Chloromethane
Concen: 5.744 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN080598.D
Acq: 27 Dec 2023 12:59

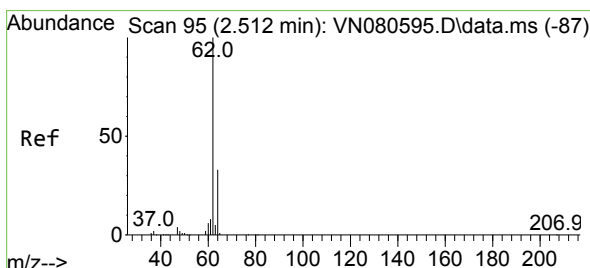
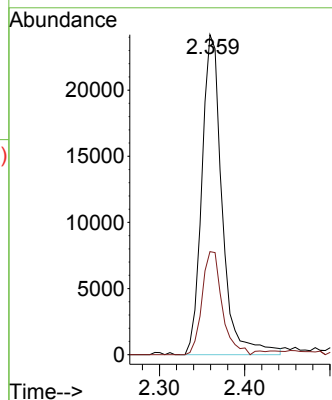
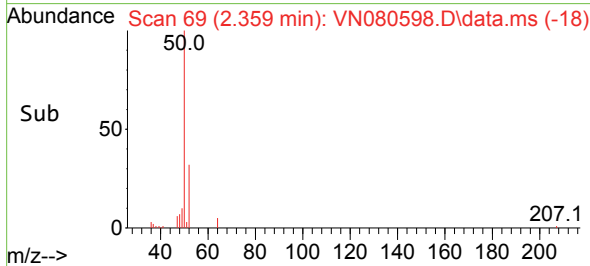
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 50 Resp: 4004
Ion Ratio Lower Upper
50 100
52 32.2 26.5 39.7

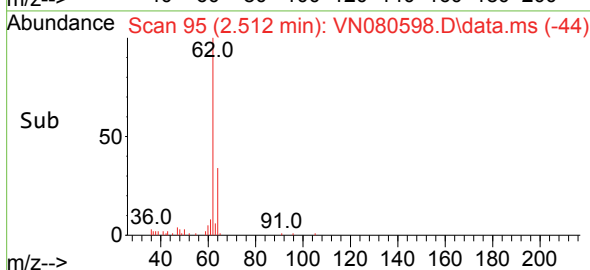
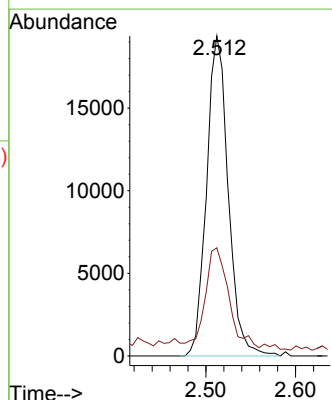
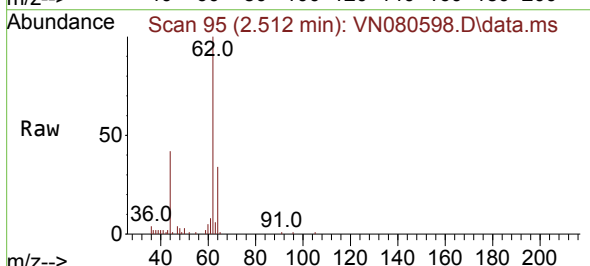
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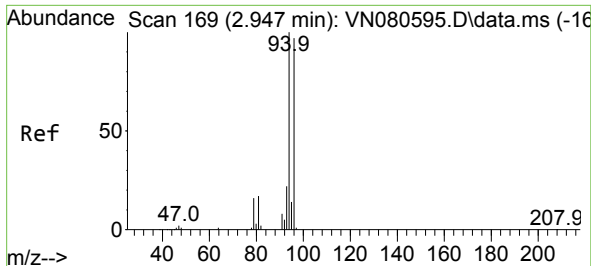
Reviewed By :John Carlone 12/28/2023
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#4
Vinyl Chloride
Concen: 5.588 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.000 min
Lab File: VN080598.D
Acq: 27 Dec 2023 12:59

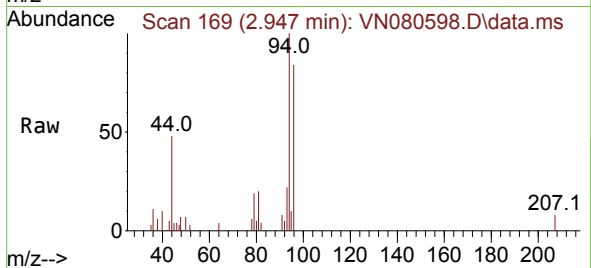
Tgt Ion: 62 Resp: 32444
Ion Ratio Lower Upper
62 100
64 31.7 26.2 39.2





#5
Bromomethane
Concen: 5.823 ug/l
RT: 2.947 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN080598.D
Acq: 27 Dec 2023 12:59

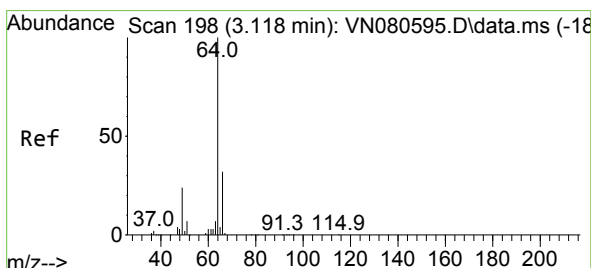
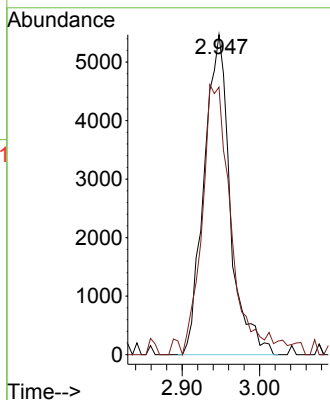
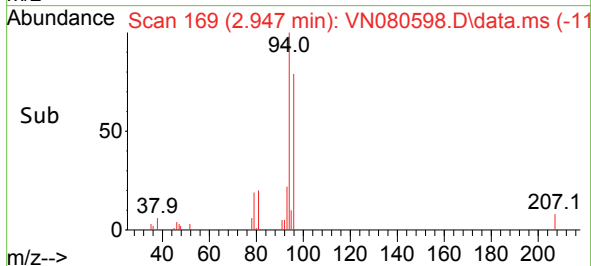
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



Tgt Ion: 94 Resp: 1284
Ion Ratio Lower Upper
94 100
96 79.3 73.1 109.7

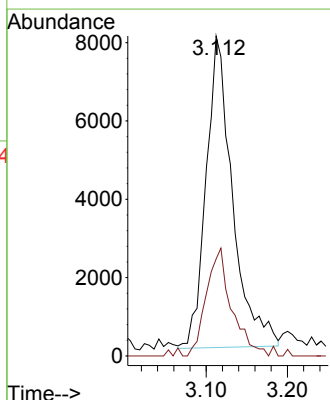
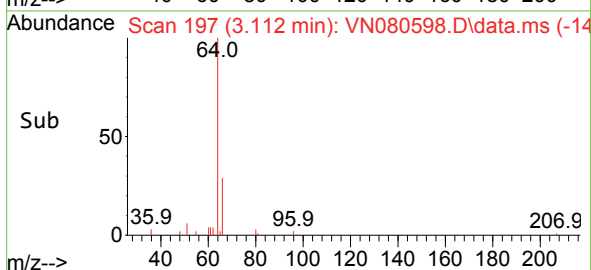
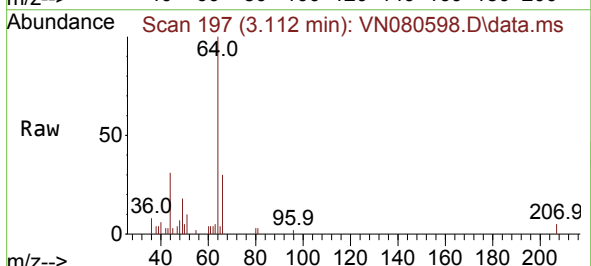
Manual Integrations
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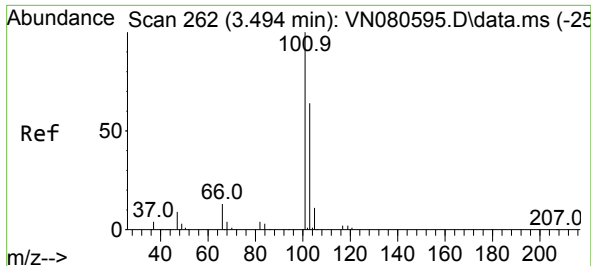
Reviewed By :John Carlone 12/28/2023
Supervised By :Semsettin Yesilyurt 01/01/2024



#6
Chloroethane
Concen: 4.967 ug/l
RT: 3.112 min Scan# 197
Delta R.T. -0.006 min
Lab File: VN080598.D
Acq: 27 Dec 2023 12:59

Tgt Ion: 64 Resp: 18004
Ion Ratio Lower Upper
64 100
66 31.3 25.4 38.2





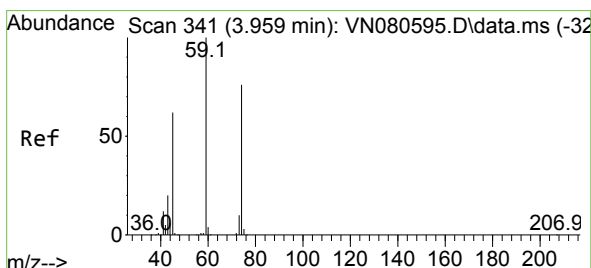
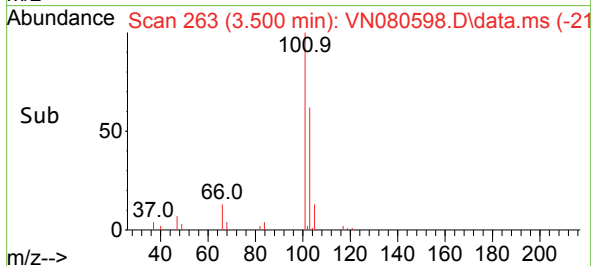
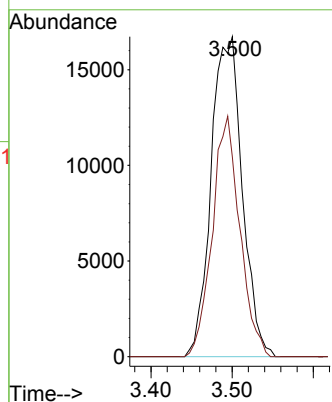
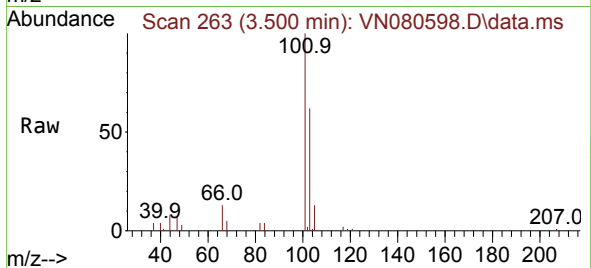
#7
Trichlorofluoromethane
Concen: 5.366 ug/l
RT: 3.500 min Scan# 20
Delta R.T. 0.006 min
Lab File: VN080598.D
Acq: 27 Dec 2023 12:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion:101 Resp: 44484
Ion Ratio Lower Upper
101 100
103 62.4 50.7 76.1

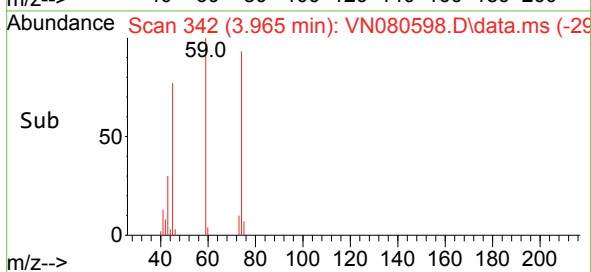
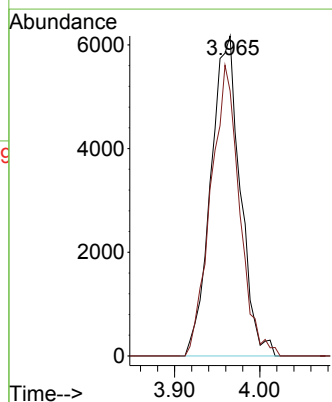
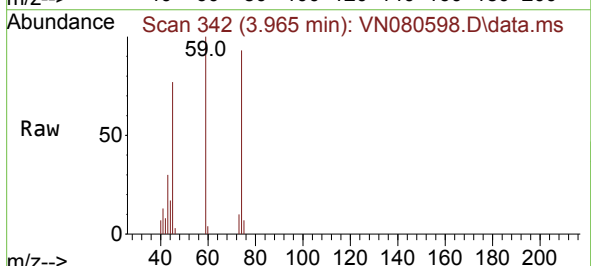
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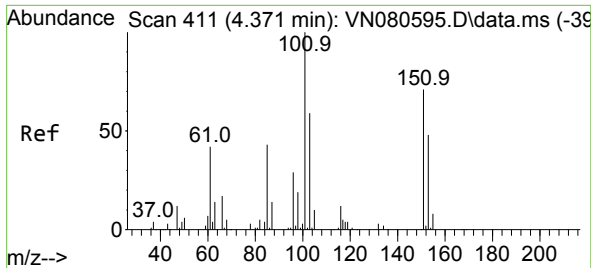
Reviewed By :John Carlone 12/28/2023
Supervised By :Semsettin Yesilyurt 01/01/2024



#8
Diethyl Ether
Concen: 5.201 ug/l
RT: 3.965 min Scan# 342
Delta R.T. 0.006 min
Lab File: VN080598.D
Acq: 27 Dec 2023 12:59

Tgt Ion: 74 Resp: 14807
Ion Ratio Lower Upper
74 100
45 88.8 34.4 103.3





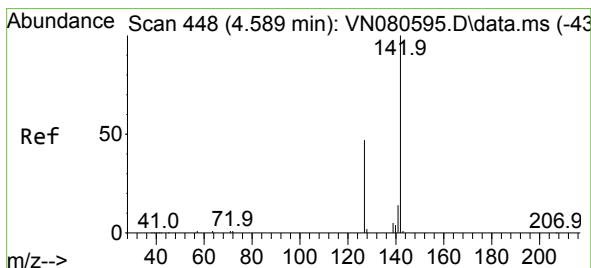
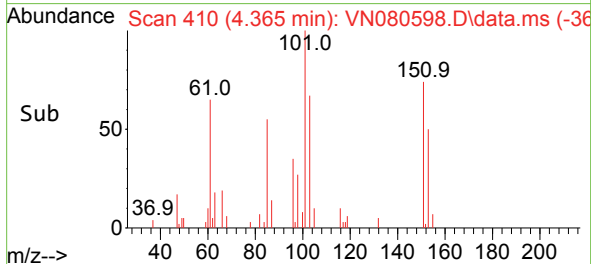
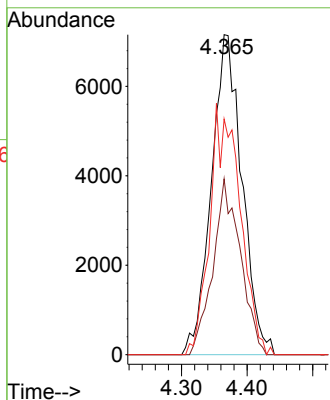
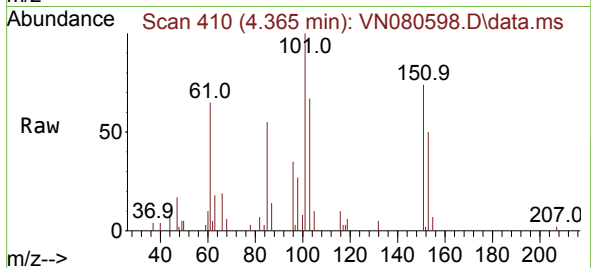
#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.124 ug/l
RT: 4.365 min Scan# 411
Delta R.T. -0.006 min
Lab File: VN080598.D
Acq: 27 Dec 2023 12:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:101 Resp: 23189
Ion Ratio Lower Upper
101 100
85 49.3 36.6 55.0
151 30.7 57.6 86.4

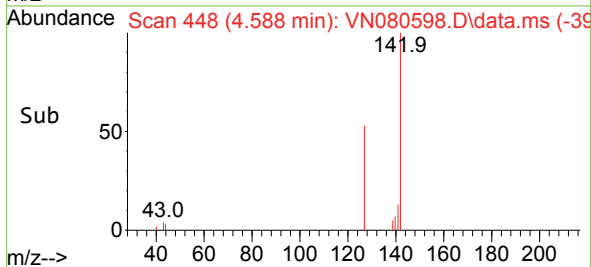
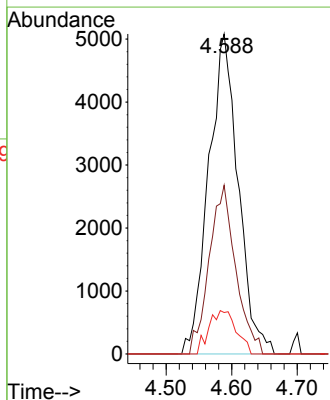
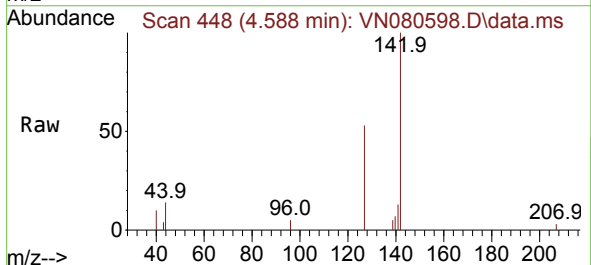
Manual Integrations
APPROVED

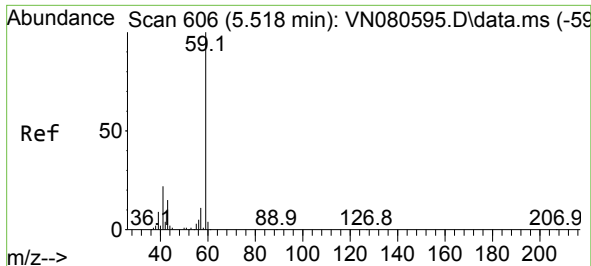
Reviewed By :John Carlone 12/28/2023
Supervised By :Semsettin Yesilyurt 01/01/2024



#10
Methyl Iodide
Concen: 5.094 ug/l
RT: 4.588 min Scan# 448
Delta R.T. -0.001 min
Lab File: VN080598.D
Acq: 27 Dec 2023 12:59

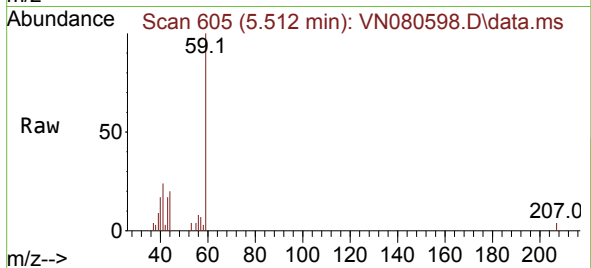
Tgt Ion:142 Resp: 15928
Ion Ratio Lower Upper
142 100
127 52.7 37.6 56.4
141 12.9 11.4 17.0





#11
Tert butyl alcohol
Concen: 25.824 ug/l
RT: 5.512 min Scan# 606
Delta R.T. -0.006 min
Lab File: VN080598.D
Acq: 27 Dec 2023 12:59

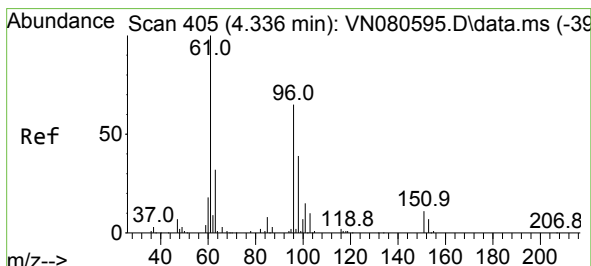
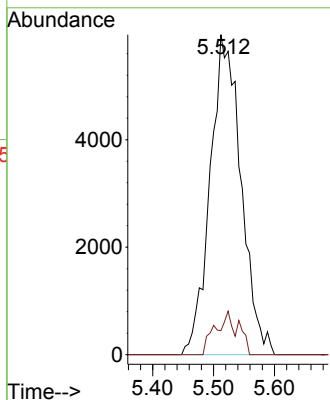
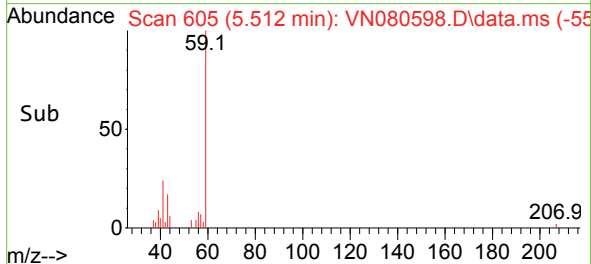
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 59 Resp: 20932
Ion Ratio Lower Upper
59 100
57 7.6 8.2 12.4

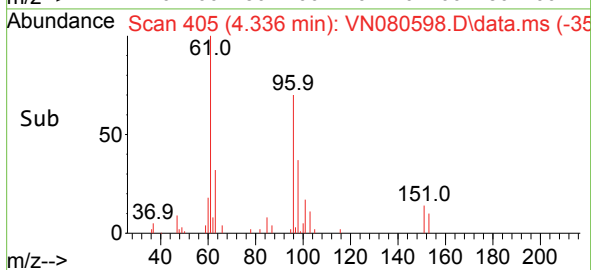
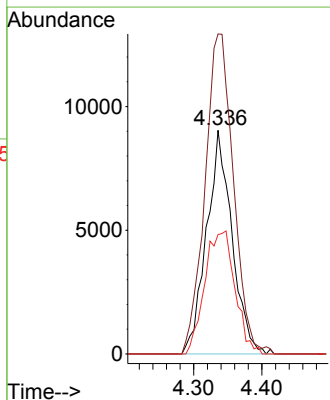
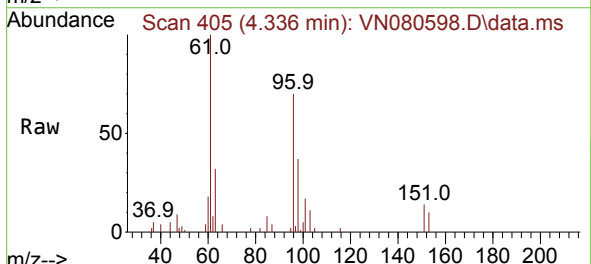
Manual Integrations
APPROVED

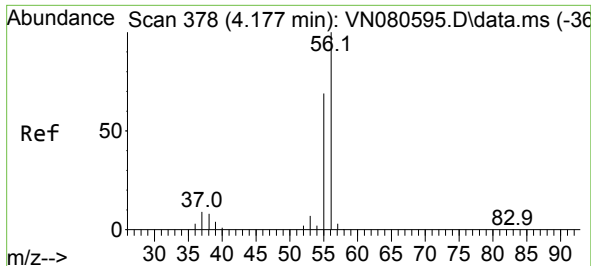
Reviewed By :John Carlone 12/28/2023
Supervised By :Semsettin Yesilyurt 01/01/2024



#12
1,1-Dichloroethene
Concen: 5.410 ug/l
RT: 4.336 min Scan# 405
Delta R.T. -0.000 min
Lab File: VN080598.D
Acq: 27 Dec 2023 12:59

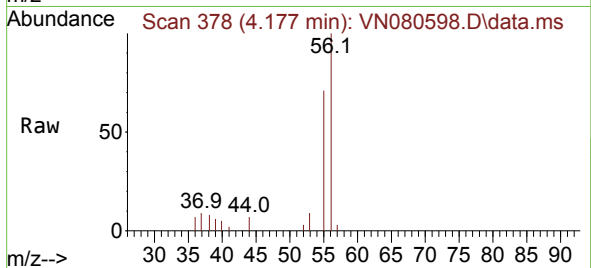
Tgt Ion: 96 Resp: 23486
Ion Ratio Lower Upper
96 100
61 143.1 112.7 169.1
98 53.3 51.2 76.8





#13
Acrolein
Concen: 27.303 ug/l
RT: 4.177 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN080598.D
Acq: 27 Dec 2023 12:59

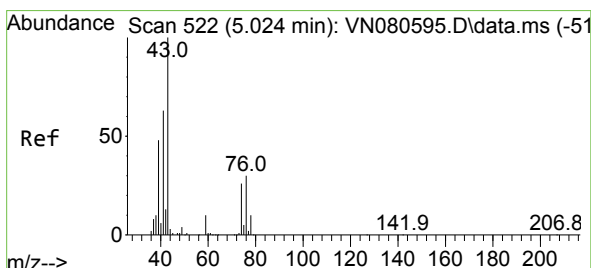
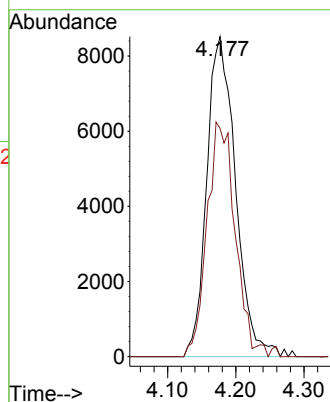
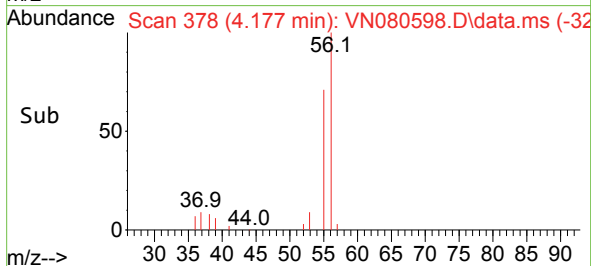
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



Tgt Ion: 56 Resp: 2502
Ion Ratio Lower Upper
56 100
55 71.8 54.5 81.7

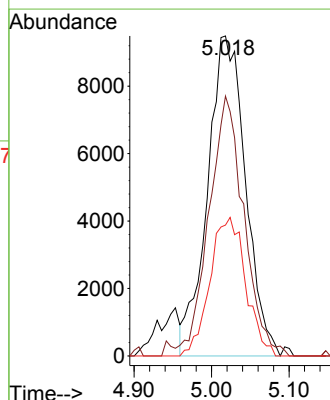
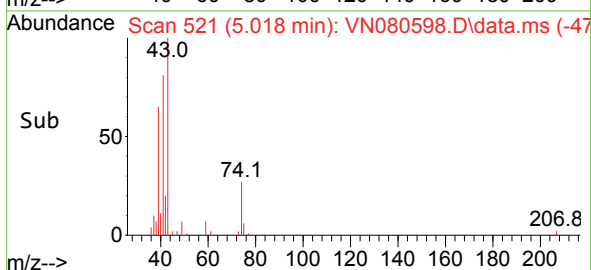
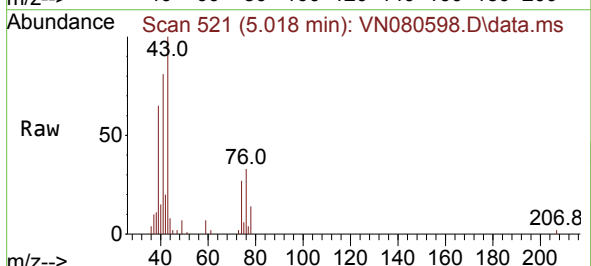
Manual Integrations
APPROVED

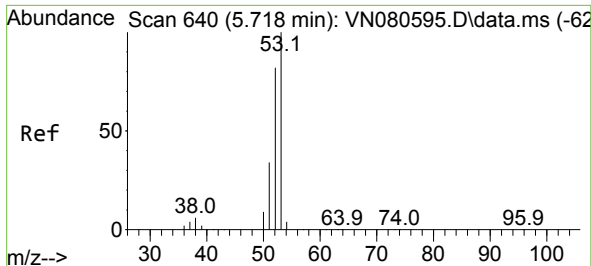
Reviewed By :John Carlone 12/28/2023
Supervised By :Semsettin Yesilyurt 01/01/2024



#14
Allyl chloride
Concen: 4.911 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.006 min
Lab File: VN080598.D
Acq: 27 Dec 2023 12:59

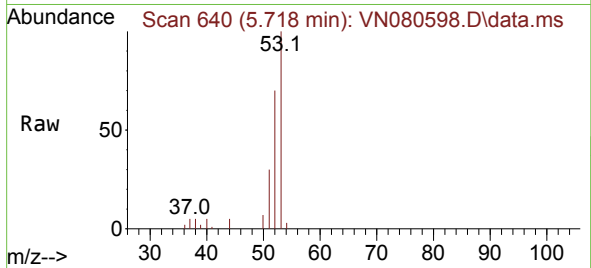
Tgt Ion: 41 Resp: 32368
Ion Ratio Lower Upper
41 100
39 74.6 58.8 88.2
76 40.7 39.1 58.7





#15
Acrylonitrile
Concen: 23.578 ug/l
RT: 5.718 min Scan# 640
Delta R.T. -0.000 min
Lab File: VN080598.D
Acq: 27 Dec 2023 12:59

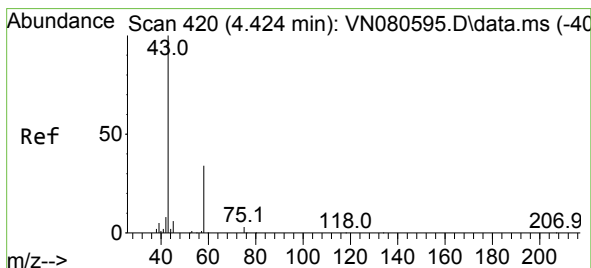
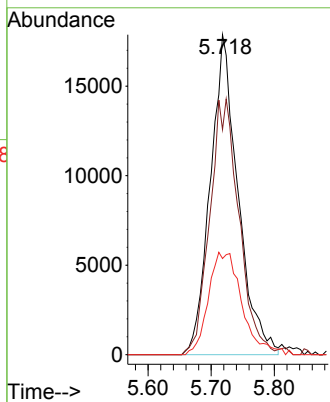
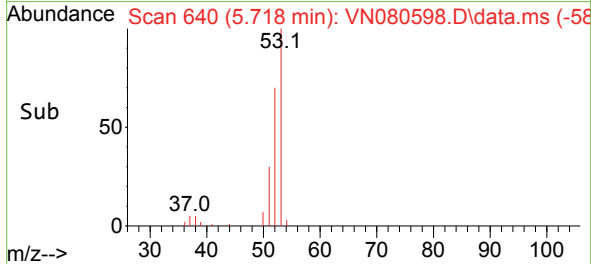
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



Tgt Ion: 53 Resp: 54508
Ion Ratio Lower Upper
53 100
52 84.2 65.3 97.9
51 38.7 28.9 43.3

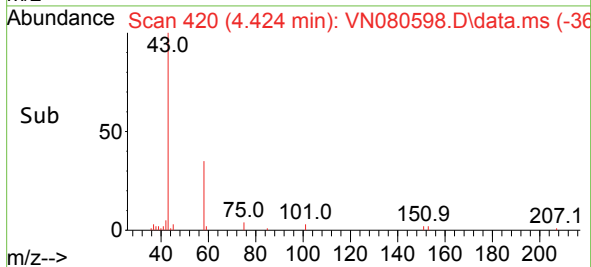
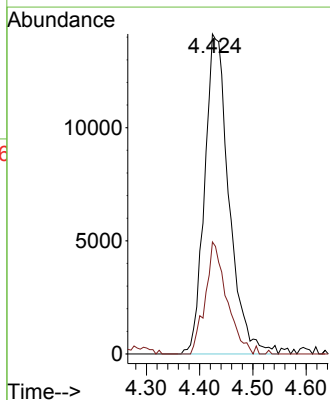
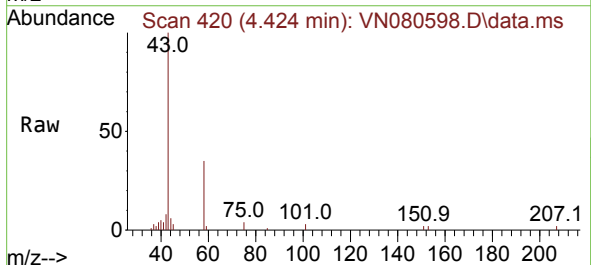
Manual Integrations
APPROVED

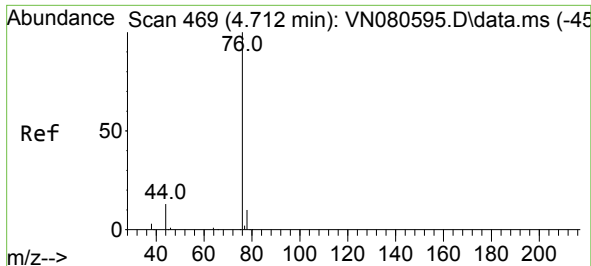
Reviewed By :John Carlone 12/28/2023
Supervised By :Semsettin Yesilyurt 01/01/2024



#16
Acetone
Concen: 27.377 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN080598.D
Acq: 27 Dec 2023 12:59

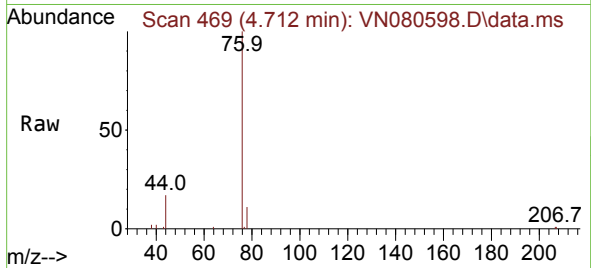
Tgt Ion: 43 Resp: 44837
Ion Ratio Lower Upper
43 100
58 35.0 28.0 42.0





#17
Carbon Disulfide
Concen: 5.643 ug/l
RT: 4.712 min Scan# 469
Delta R.T. -0.000 min
Lab File: VN080598.D
Acq: 27 Dec 2023 12:59

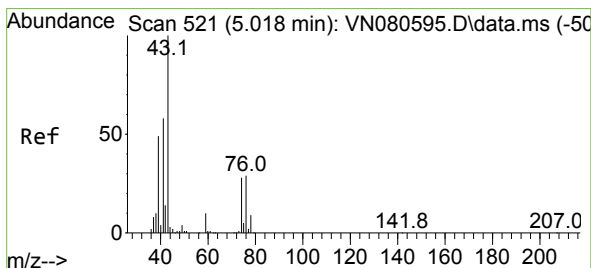
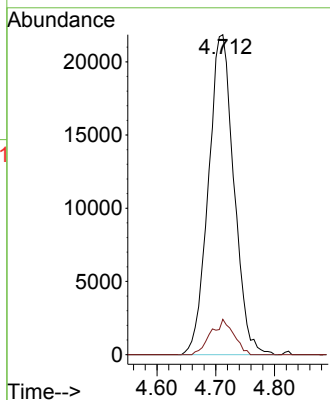
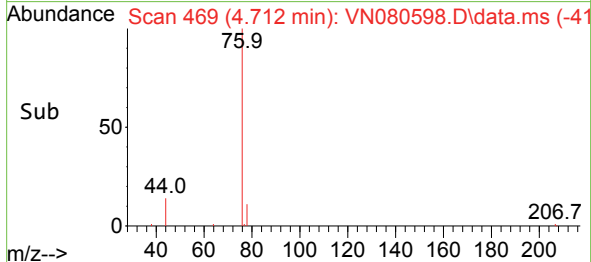
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



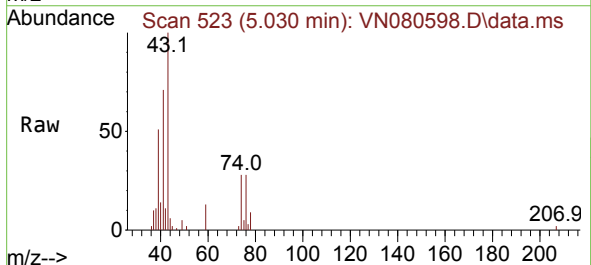
Tgt Ion: 76 Resp: 65880
Ion Ratio Lower Upper
76 100
78 11.0 7.4 11.0

Manual Integrations
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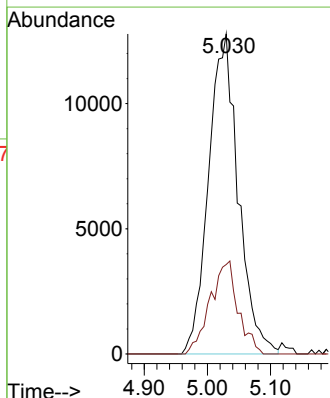
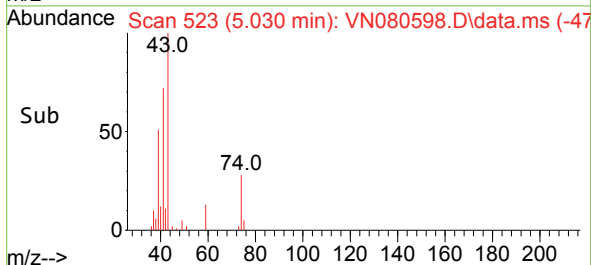
Reviewed By :John Carlone 12/28/2023
Supervised By :Semsettin Yesilyurt 01/01/2024

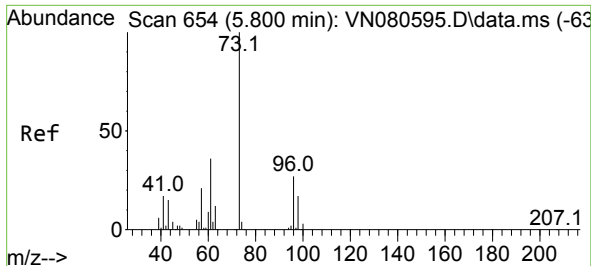


#18
Methyl Acetate
Concen: 4.595 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.012 min
Lab File: VN080598.D
Acq: 27 Dec 2023 12:59



Tgt Ion: 43 Resp: 41724
Ion Ratio Lower Upper
43 100
74 27.3 26.2 39.4





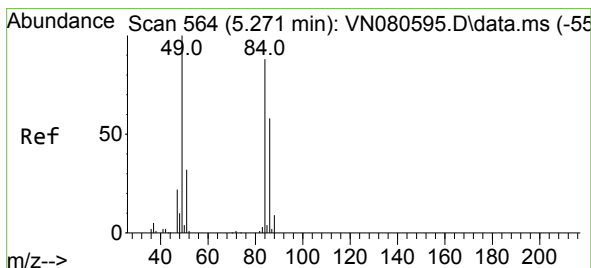
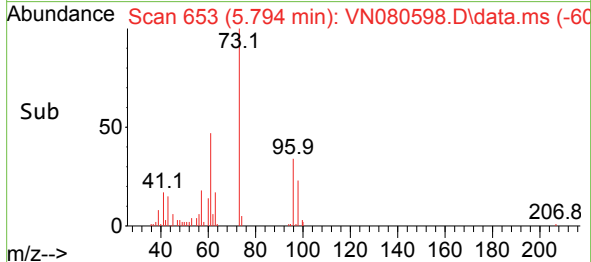
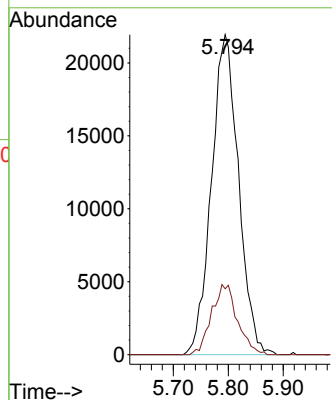
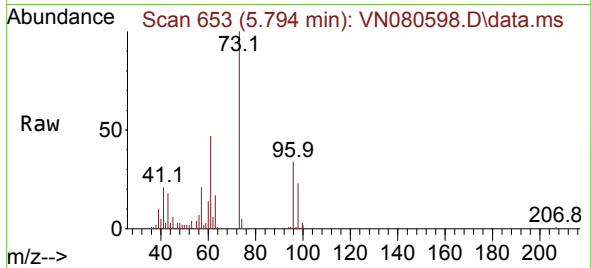
#19
Methyl tert-butyl Ether
Concen: 4.801 ug/l
RT: 5.794 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN080598.D
Acq: 27 Dec 2023 12:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 73 Resp: 75034
Ion Ratio Lower Upper
73 100
57 20.6 15.6 23.4

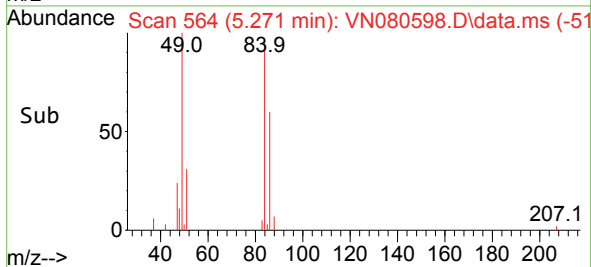
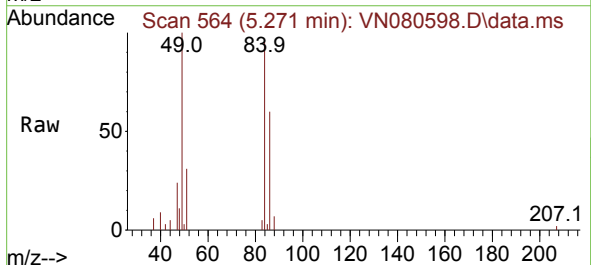
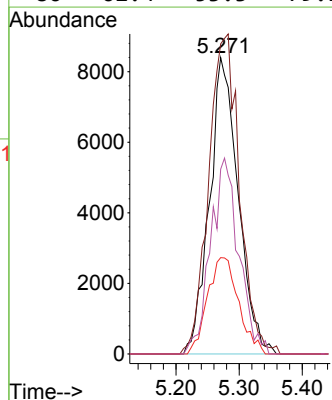
Manual Integrations
APPROVED

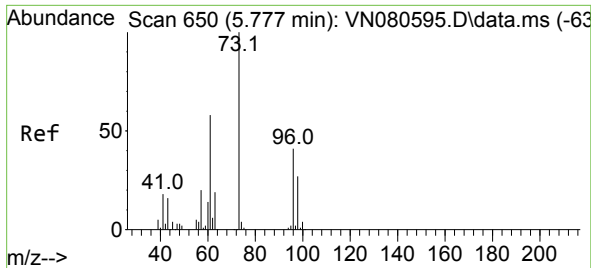
Reviewed By :John Carlone 12/28/2023
Supervised By :Semsettin Yesilyurt 01/01/2024



#20
Methylene Chloride
Concen: 5.085 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.000 min
Lab File: VN080598.D
Acq: 27 Dec 2023 12:59

Tgt Ion: 84 Resp: 26571
Ion Ratio Lower Upper
84 100
49 104.6 79.7 119.5
51 32.5 25.2 37.8
86 62.4 53.3 79.9





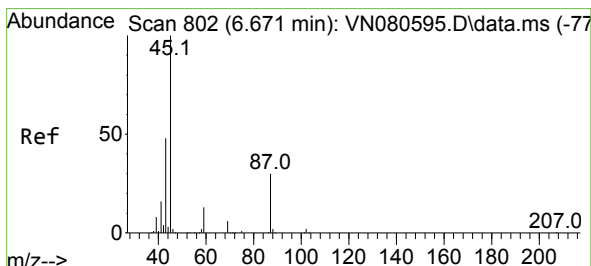
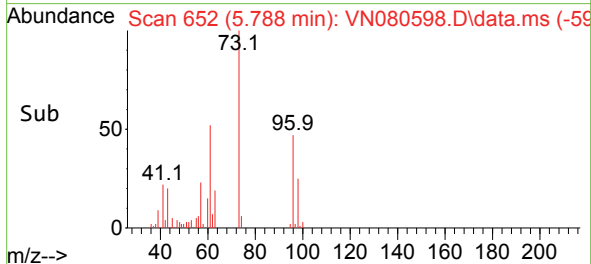
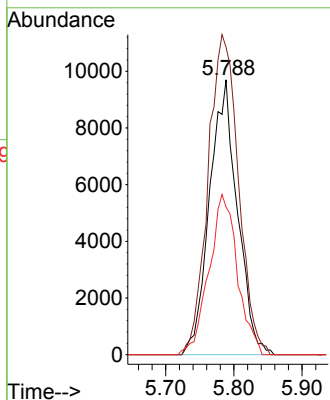
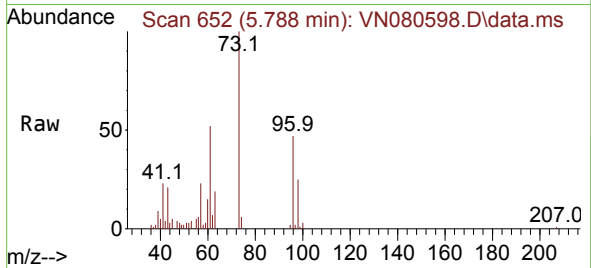
#21
trans-1,2-Dichloroethene
Concen: 5.252 ug/l
RT: 5.788 min Scan# 611
Delta R.T. 0.012 min
Lab File: VN080598.D
Acq: 27 Dec 2023 12:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 96 Resp: 2754
Ion Ratio Lower Upper
96 100
61 111.8 90.1 135.1
98 53.7 46.4 69.6

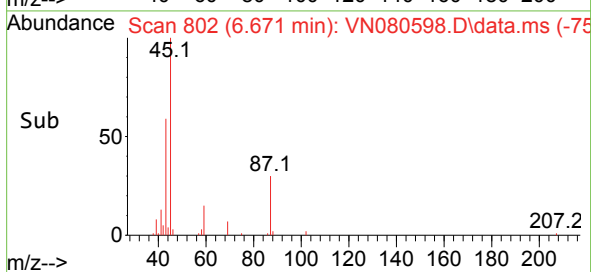
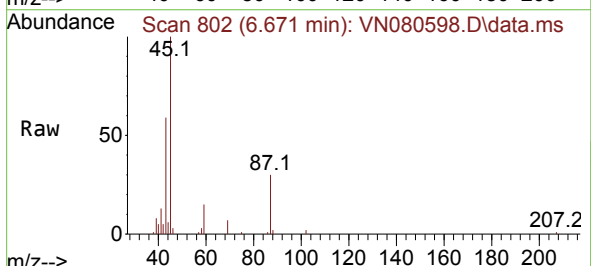
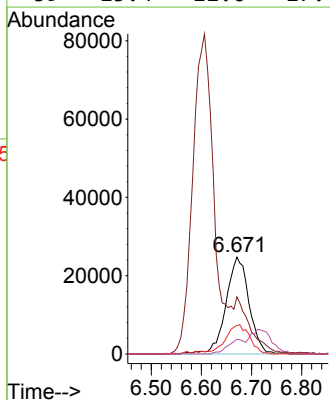
Manual Integrations
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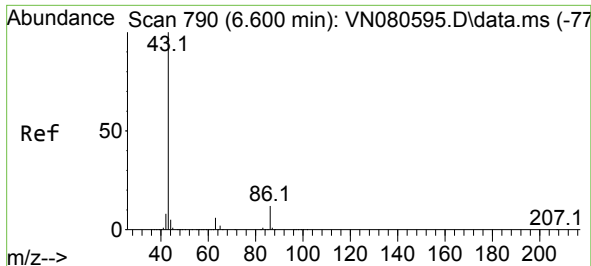
Reviewed By :John Carlone 12/28/2023
Supervised By :Semsettin Yesilyurt 01/01/2024



#22
Diisopropyl ether
Concen: 5.385 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.000 min
Lab File: VN080598.D
Acq: 27 Dec 2023 12:59

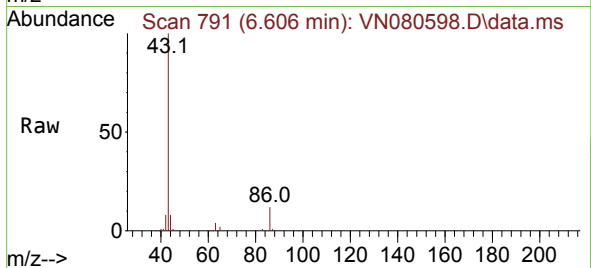
Tgt Ion: 45 Resp: 78822
Ion Ratio Lower Upper
45 100
43 56.2 45.5 68.3
87 29.5 31.8 47.8#
59 15.4 11.6 17.4





#23
 Vinyl Acetate
 Concen: 27.528 ug/l m
 RT: 6.606 min Scan# 791
 Delta R.T. 0.006 min
 Lab File: VN080598.D
 Acq: 27 Dec 2023 12:59

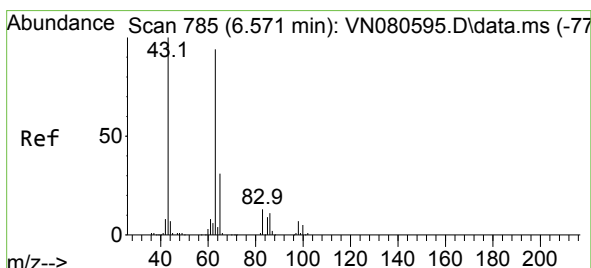
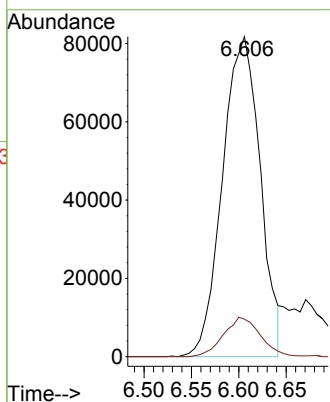
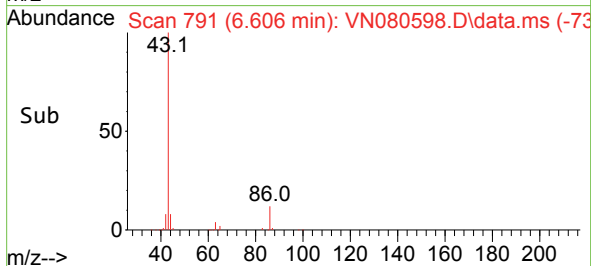
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005



Tgt Ion: 43 Resp: 226449
 Ion Ratio Lower Upper
 43 100
 86 11.7 13.0 19.6

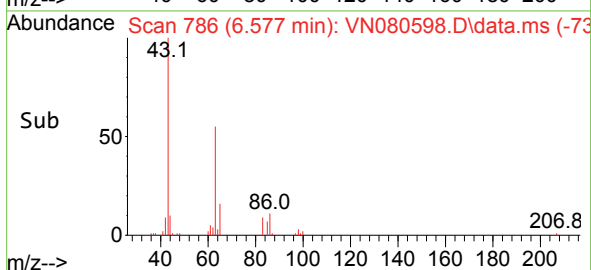
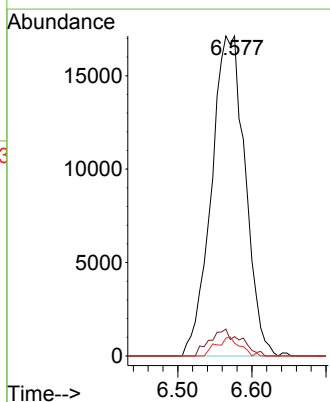
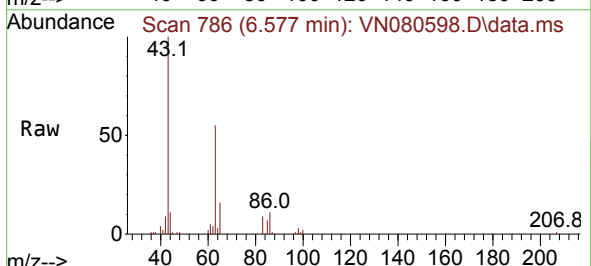
Manual Integrations
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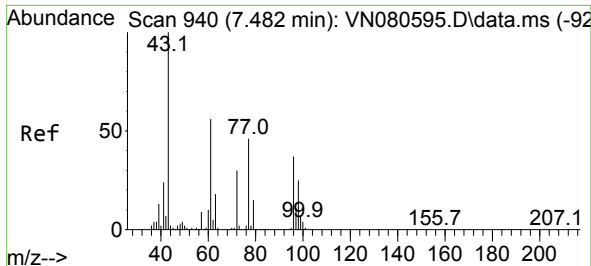
Reviewed By :John Carlone 12/28/2023
 Supervised By :Semsettin Yesilyurt 01/01/2024



#24
 1,1-Dichloroethane
 Concen: 5.515 ug/l
 RT: 6.577 min Scan# 786
 Delta R.T. 0.006 min
 Lab File: VN080598.D
 Acq: 27 Dec 2023 12:59

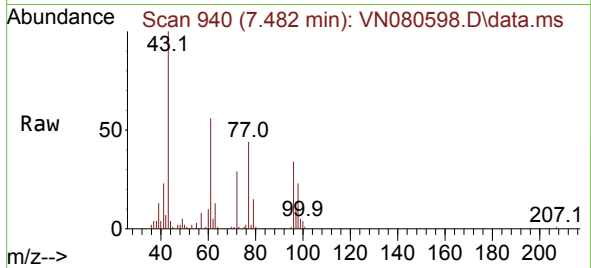
Tgt Ion: 63 Resp: 54113
 Ion Ratio Lower Upper
 63 100
 98 6.0 3.9 11.7
 100 4.0 2.5 7.4





#25
2-Butanone
Concen: 28.678 ug/l
RT: 7.482 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN080598.D
Acq: 27 Dec 2023 12:59

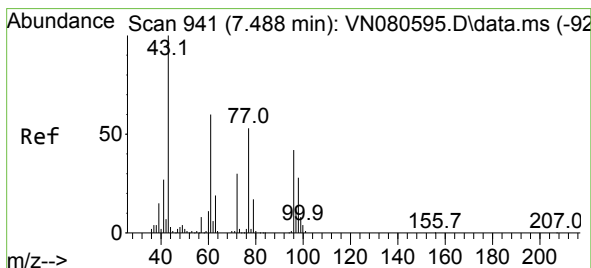
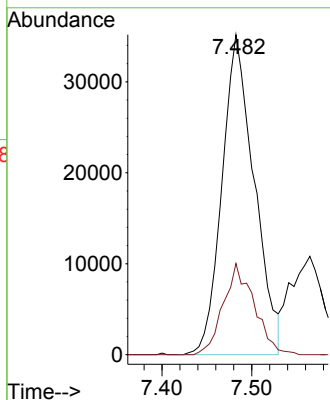
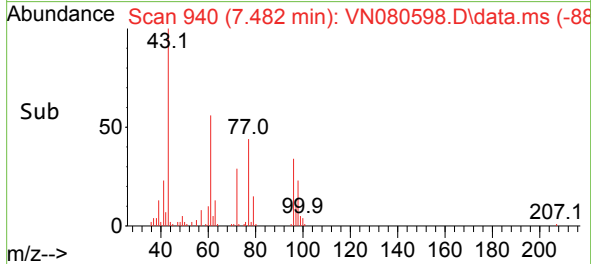
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



Tgt Ion: 43 Resp: 87780
Ion Ratio Lower Upper
43 100
72 28.5 30.2 45.2

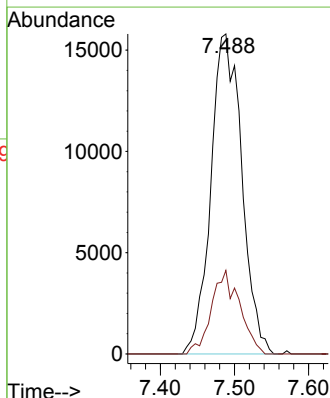
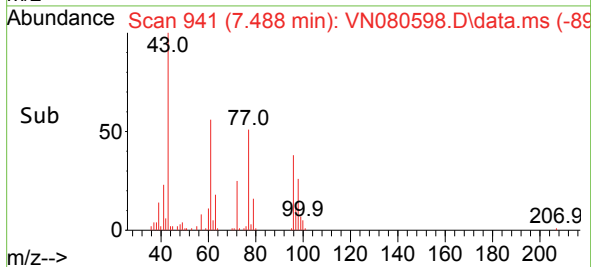
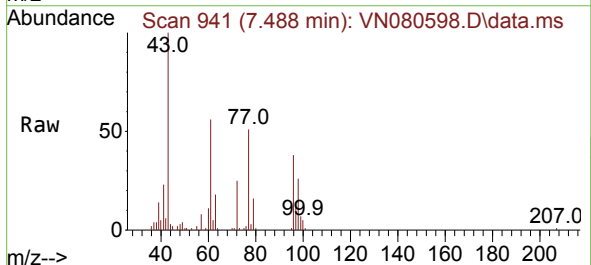
Manual Integrations
APPROVED

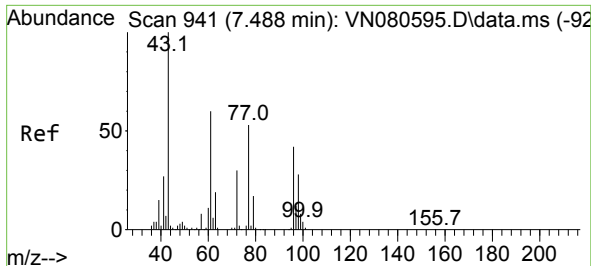
Reviewed By :John Carlone 12/28/2023
Supervised By :Semsettin Yesilyurt 01/01/2024



#26
2,2-Dichloropropane
Concen: 5.360 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN080598.D
Acq: 27 Dec 2023 12:59

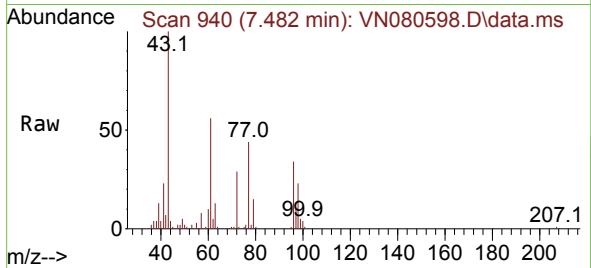
Tgt Ion: 77 Resp: 45777
Ion Ratio Lower Upper
77 100
97 23.8 11.2 33.6





#27
cis-1,2-Dichloroethene
Concen: 5.506 ug/l
RT: 7.482 min Scan# 941
Delta R.T. -0.006 min
Lab File: VN080598.D
Acq: 27 Dec 2023 12:59

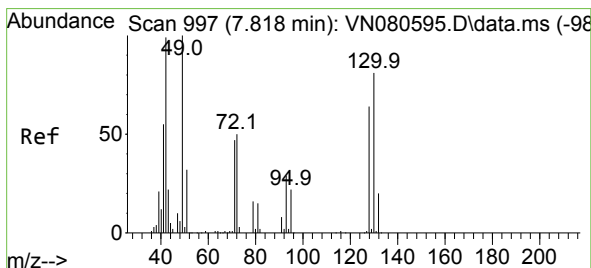
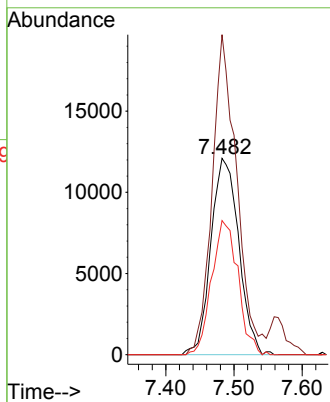
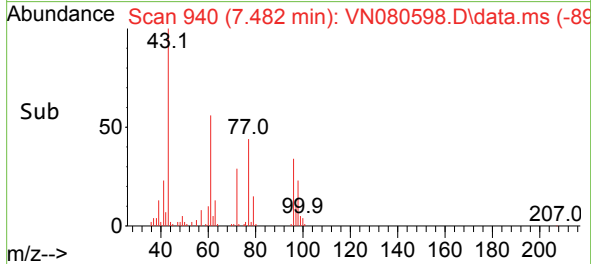
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



Tgt Ion: 96 Resp: 34350
Ion Ratio Lower Upper
96 100
61 144.8 0.0 255.2
98 64.6 0.0 128.8

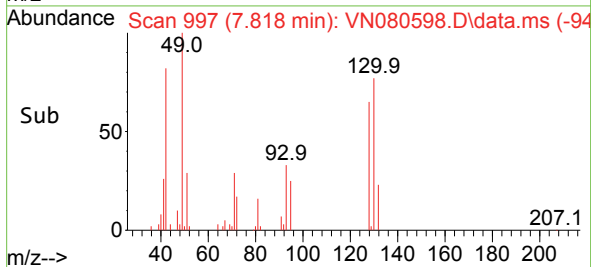
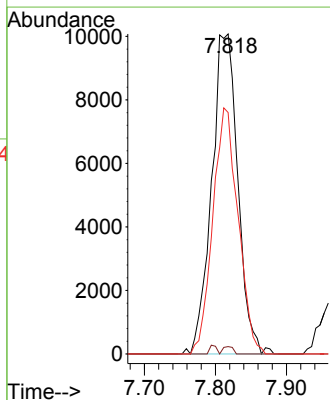
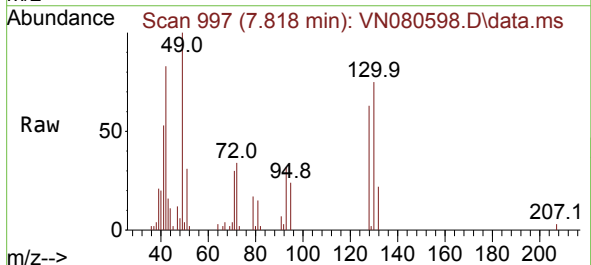
Manual Integrations
APPROVED

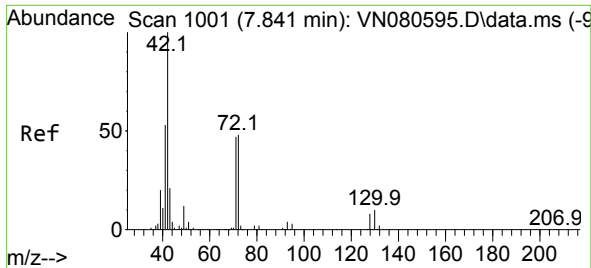
Reviewed By :John Carlone 12/28/2023
Supervised By :Semsettin Yesilyurt 01/01/2024



#28
Bromochloromethane
Concen: 5.658 ug/l
RT: 7.818 min Scan# 997
Delta R.T. -0.000 min
Lab File: VN080598.D
Acq: 27 Dec 2023 12:59

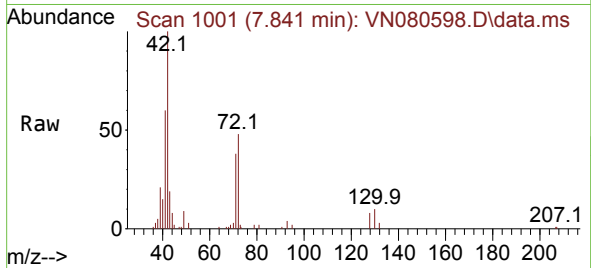
Tgt Ion: 49 Resp: 25811
Ion Ratio Lower Upper
49 100
129 0.9 0.0 4.8
130 74.1 75.3 112.9#





#29
Tetrahydrofuran
Concen: 27.985 ug/l
RT: 7.841 min Scan# 1001
Delta R.T. -0.000 min
Lab File: VN080598.D
Acq: 27 Dec 2023 12:59

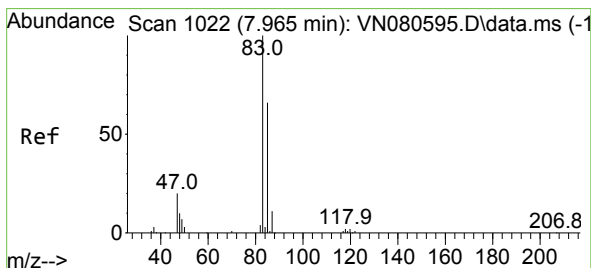
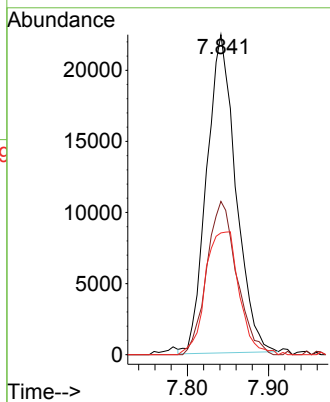
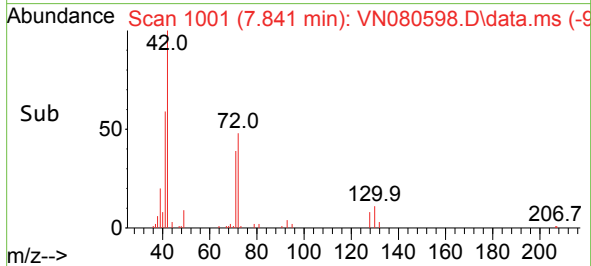
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



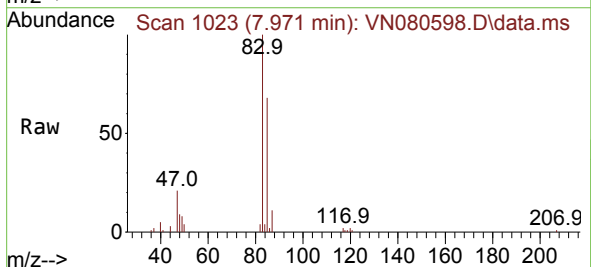
Tgt Ion: 42 Resp: 5586
Ion Ratio Lower Upper
42 100
72 49.7 49.8 74.6
71 44.7 47.4 71.2

Manual Integrations
APPROVED

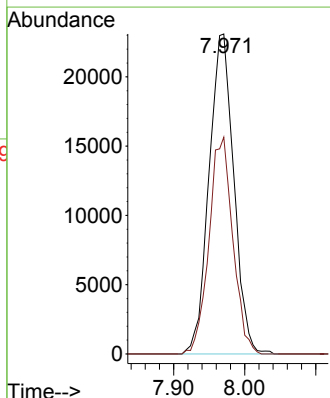
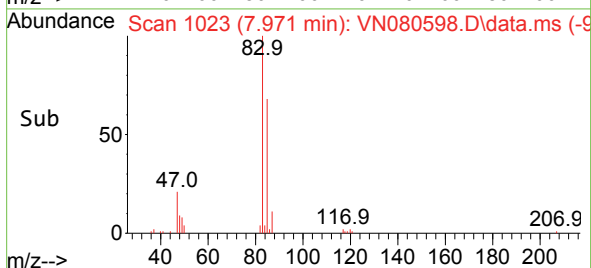
Reviewed By :John Carlone 12/28/2023
Supervised By :Semsettin Yesilyurt 01/01/2024

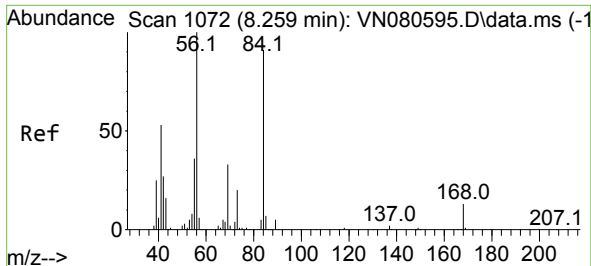


#30
Chloroform
Concen: 5.681 ug/l
RT: 7.971 min Scan# 1023
Delta R.T. 0.006 min
Lab File: VN080598.D
Acq: 27 Dec 2023 12:59



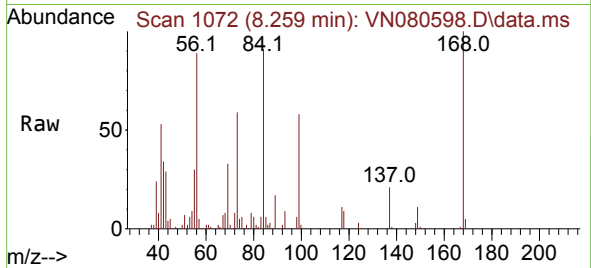
Tgt Ion: 83 Resp: 55963
Ion Ratio Lower Upper
83 100
85 67.8 55.4 83.0





#31
Cyclohexane
Concen: 5.586 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. -0.000 min
Lab File: VN080598.D
Acq: 27 Dec 2023 12:59

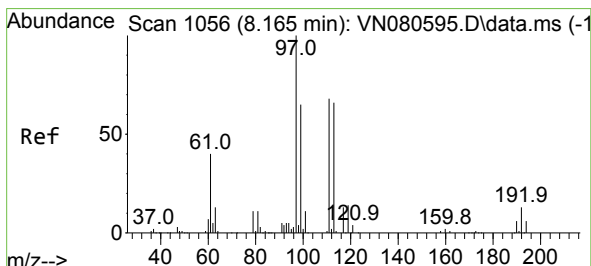
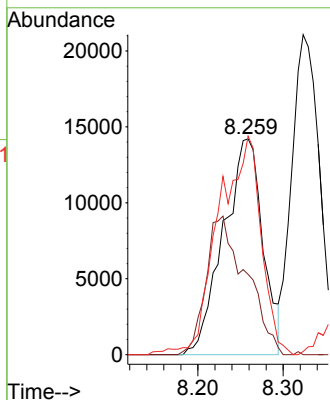
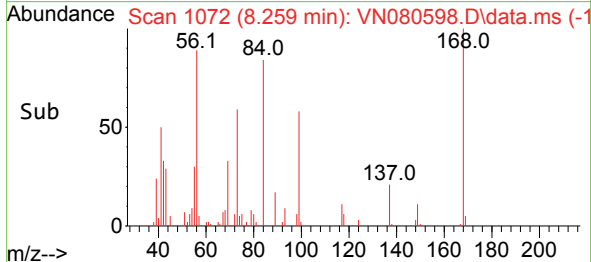
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 56 Resp: 45530
Ion Ratio Lower Upper
56 100
69 37.2 26.8 40.2
84 98.7 81.8 122.6

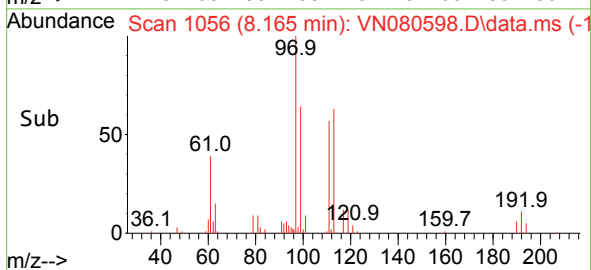
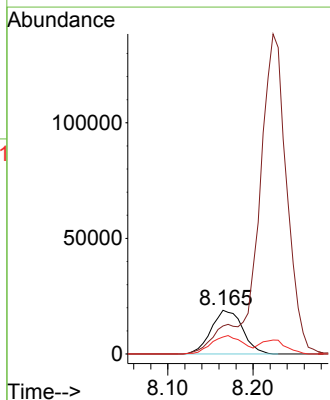
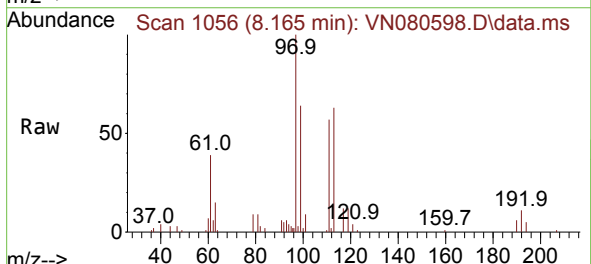
Manual Integrations
APPROVED

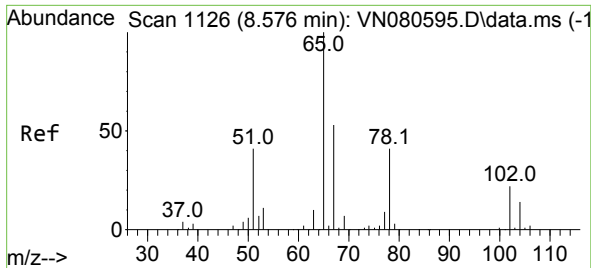
Reviewed By :John Carlone 12/28/2023
Supervised By :Semsettin Yesilyurt 01/01/2024



#32
1,1,1-Trichloroethane
Concen: 5.440 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN080598.D
Acq: 27 Dec 2023 12:59

Tgt Ion: 97 Resp: 48318
Ion Ratio Lower Upper
97 100
99 56.5 50.3 75.5
61 42.2 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 5.165 ug/l

RT: 8.576 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN080598.D

Acq: 27 Dec 2023 12:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion: 65 Resp: 31110

Ion Ratio Lower Upper

65 100

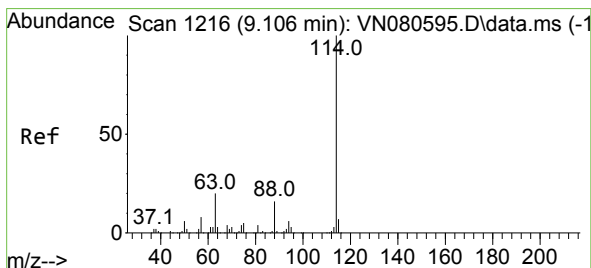
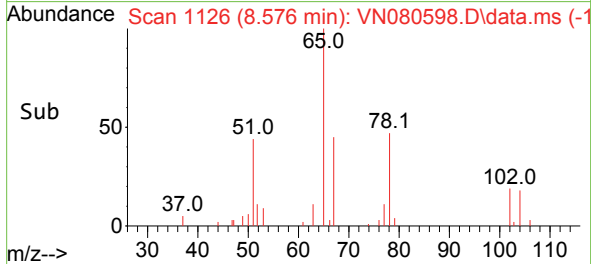
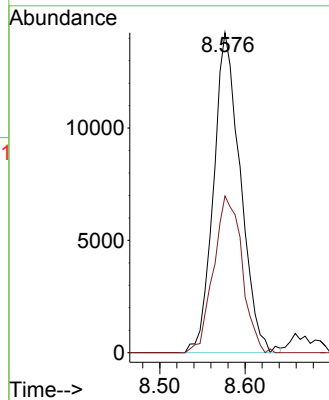
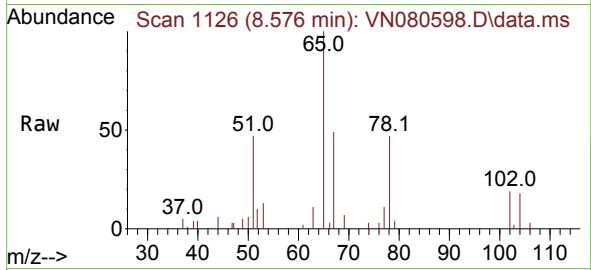
67 51.9 0.0 106.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/28/2023

Supervised By :Semsettin Yesilyurt 01/01/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.000 min

Lab File: VN080598.D

Acq: 27 Dec 2023 12:59

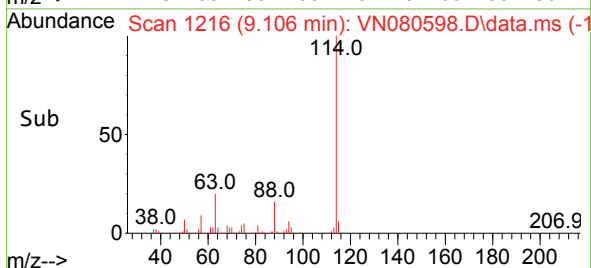
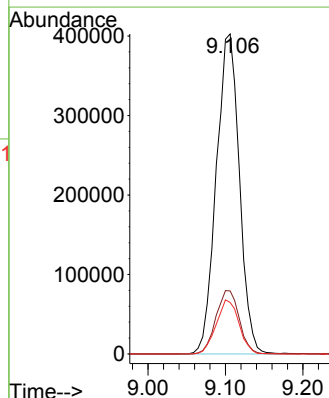
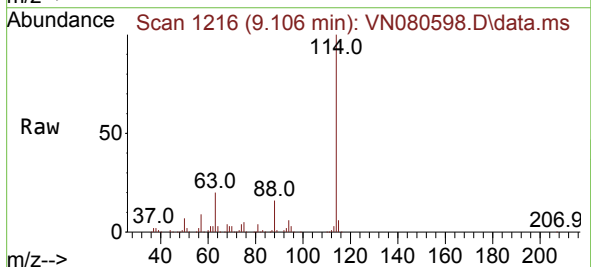
Tgt Ion:114 Resp: 833824

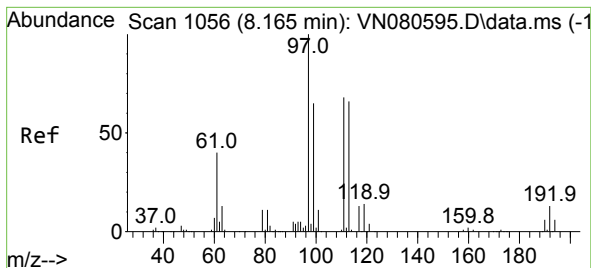
Ion Ratio Lower Upper

114 100

63 19.7 0.0 36.4

88 16.1 0.0 30.6





#35

Dibromofluoromethane

Concen: 5.261 ug/l

RT: 8.171 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN080598.D

Acq: 27 Dec 2023 12:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion:113 Resp: 28370

Ion Ratio Lower Upper

113 100

111 104.0 82.6 123.8

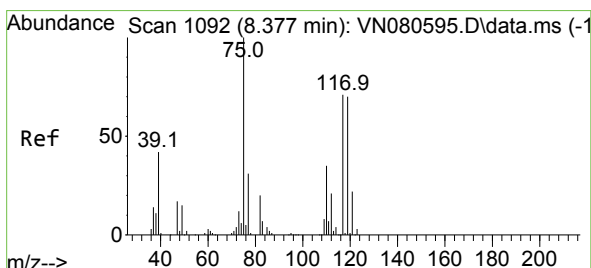
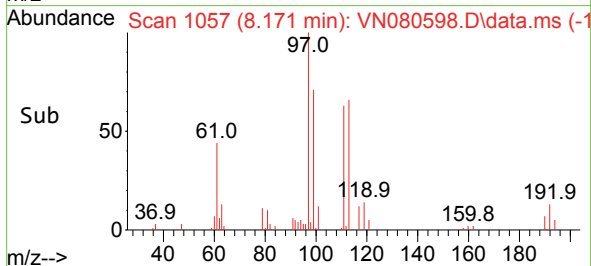
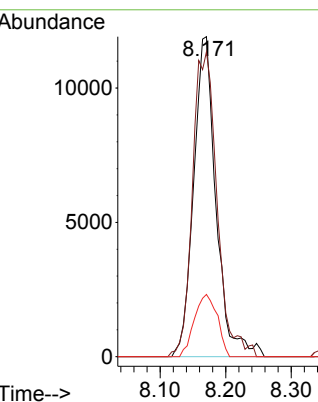
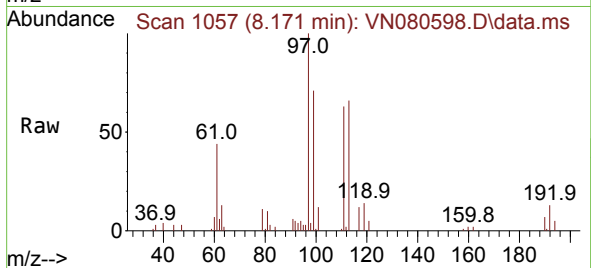
192 19.8 12.7 19.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/28/2023

Supervised By :Semsettin Yesilyurt 01/01/2024



#36

1,1-Dichloropropene

Concen: 4.657 ug/l

RT: 8.376 min Scan# 1092

Delta R.T. -0.000 min

Lab File: VN080598.D

Acq: 27 Dec 2023 12:59

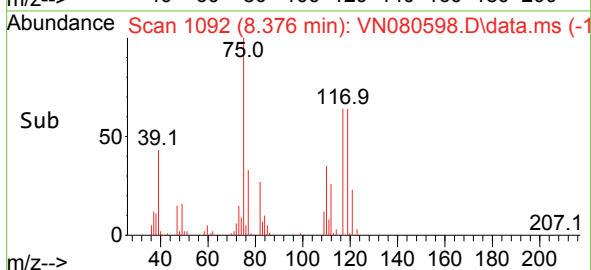
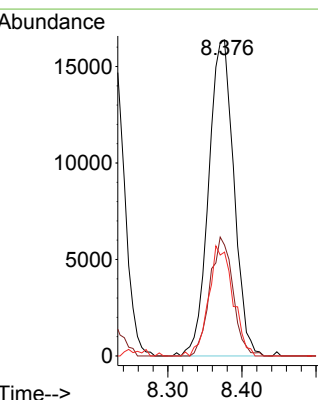
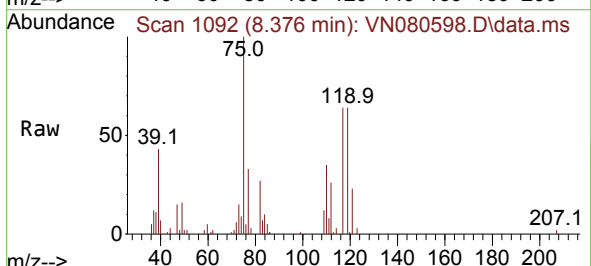
Tgt Ion: 75 Resp: 38654

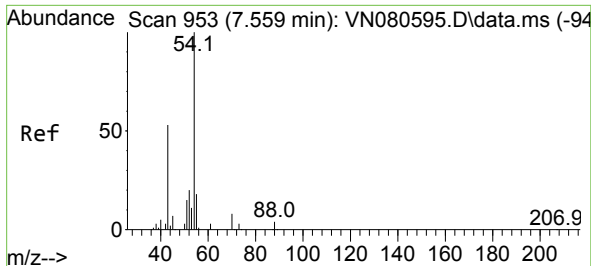
Ion Ratio Lower Upper

75 100

110 34.5 19.1 57.3

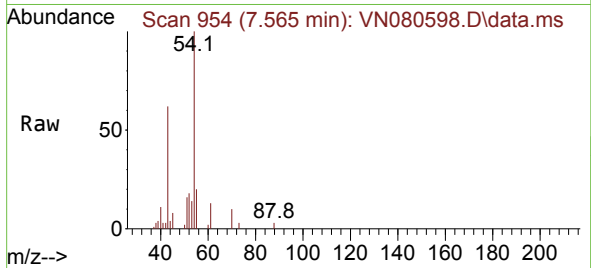
77 33.6 25.0 37.4





#37
Ethyl Acetate
Concen: 4.176 ug/l
RT: 7.565 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN080598.D
Acq: 27 Dec 2023 12:59

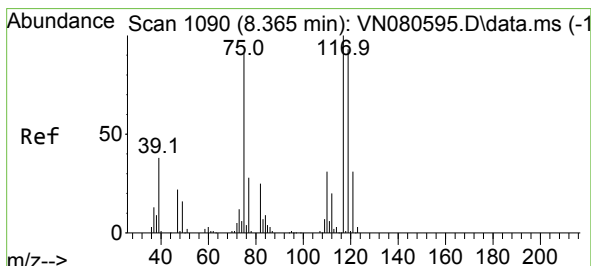
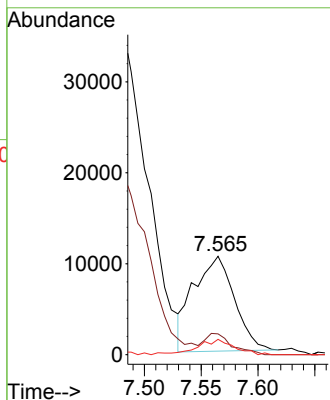
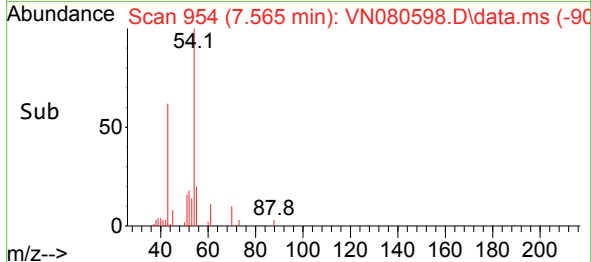
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 43 Resp: 2615
Ion Ratio Lower Upper
43 100
61 14.7 13.2 19.8
70 14.5 11.3 16.9

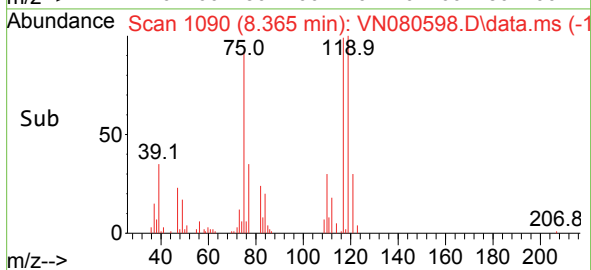
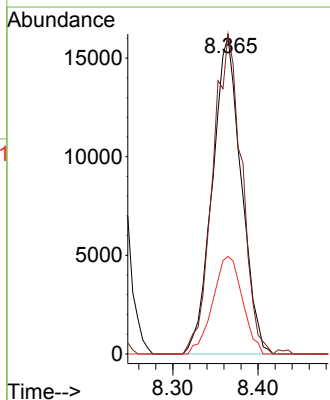
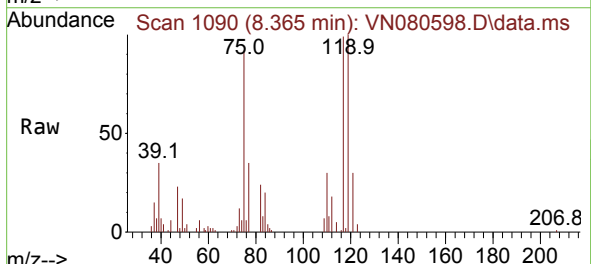
Manual Integrations
APPROVED

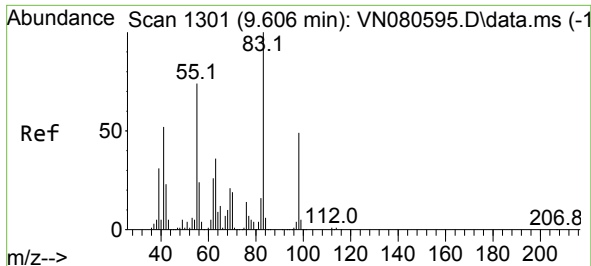
Reviewed By :John Carlone 12/28/2023
Supervised By :Semsettin Yesilyurt 01/01/2024



#38
Carbon Tetrachloride
Concen: 4.467 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VN080598.D
Acq: 27 Dec 2023 12:59

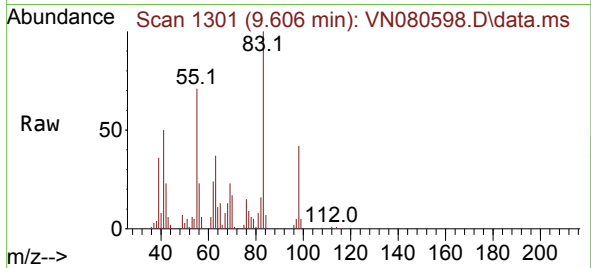
Tgt Ion:117 Resp: 37924
Ion Ratio Lower Upper
117 100
119 100.8 77.3 115.9
121 30.7 23.3 34.9





#39
Methylcyclohexane
Concen: 4.810 ug/l
RT: 9.606 min Scan# 11301
Delta R.T. -0.000 min
Lab File: VN080598.D
Acq: 27 Dec 2023 12:59

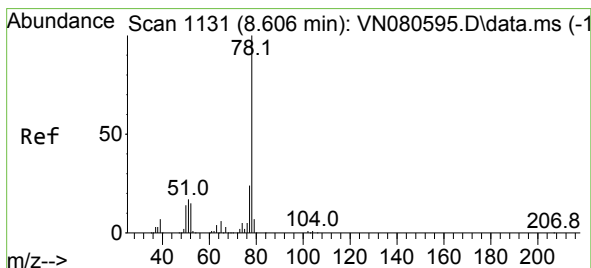
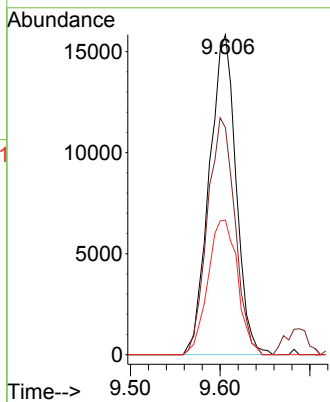
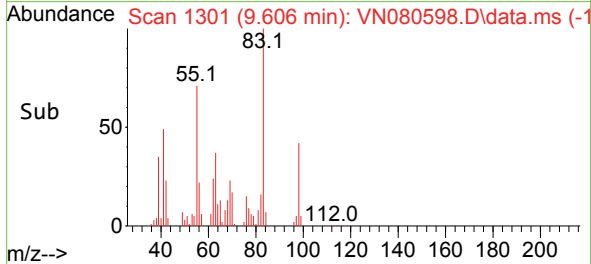
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



Tgt Ion: 83 Resp: 3274
Ion Ratio Lower Upper
83 100
55 70.9 49.1 73.7
98 42.1 40.6 61.0

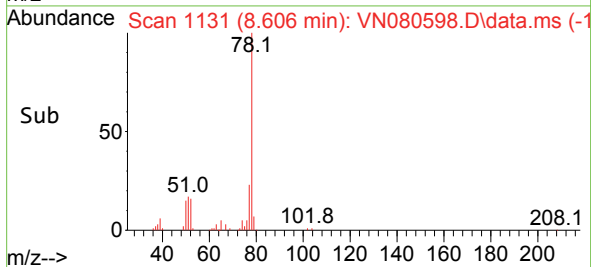
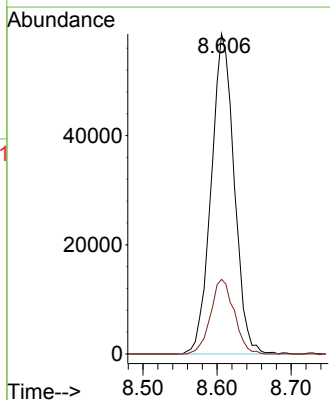
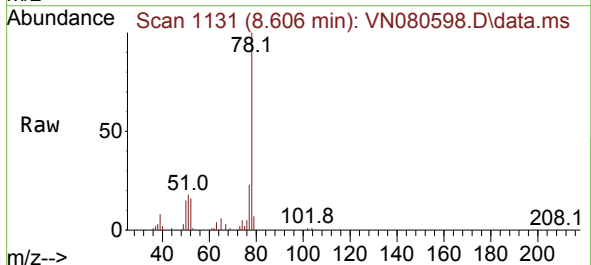
Manual Integrations
APPROVED

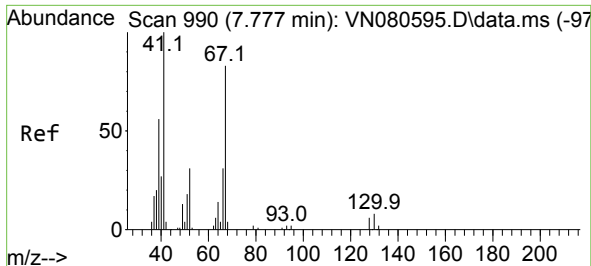
Reviewed By :John Carlone 12/28/2023
Supervised By :Semsettin Yesilyurt 01/01/2024



#40
Benzene
Concen: 5.546 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VN080598.D
Acq: 27 Dec 2023 12:59

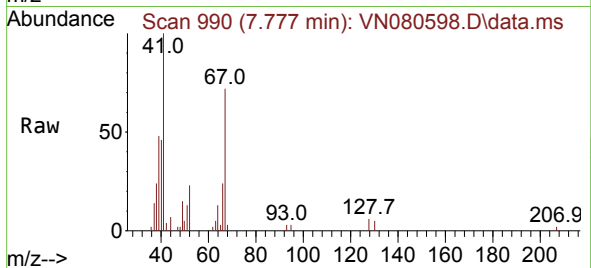
Tgt Ion: 78 Resp: 126178
Ion Ratio Lower Upper
78 100
77 23.3 19.0 28.6





#41
Methacrylonitrile
Concen: 5.481 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.000 min
Lab File: VN080598.D
Acq: 27 Dec 2023 12:59

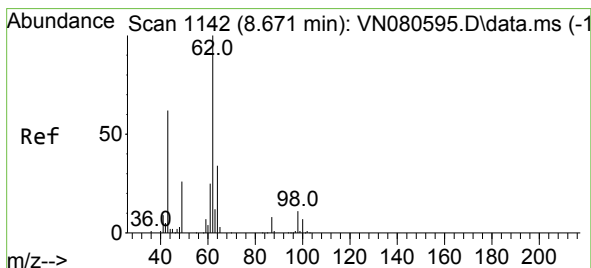
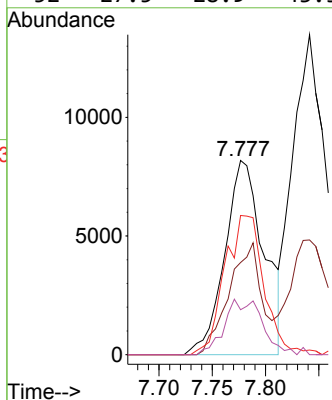
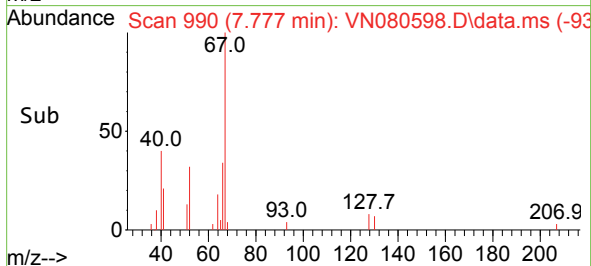
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



Tgt Ion:	41	Resp:	20900
Ion	Ratio	Lower	Upper
41	100		
39	48.0	42.6	64.0
67	72.2	77.5	116.3
52	27.5	28.9	43.3

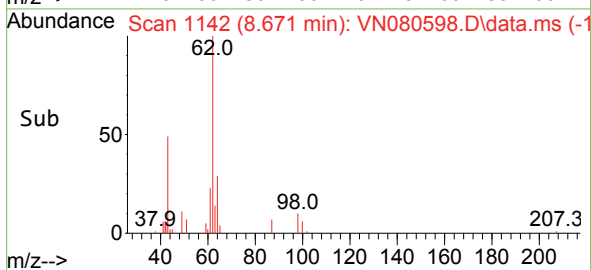
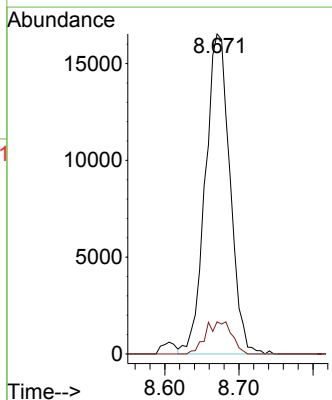
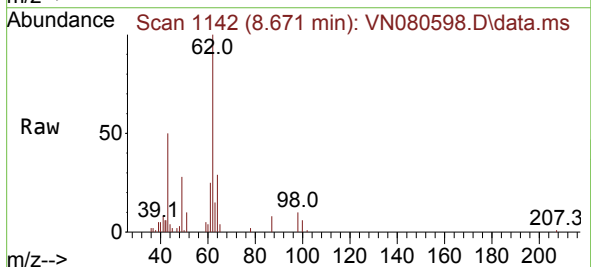
Manual Integrations
APPROVED

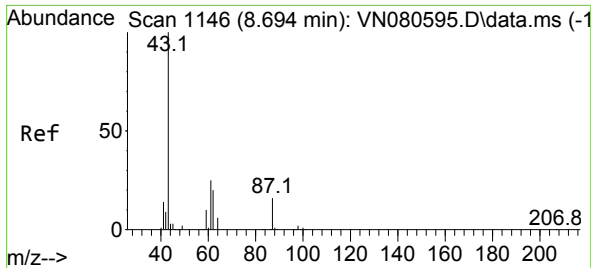
Reviewed By :John Carlone 12/28/2023
Supervised By :Semsettin Yesilyurt 01/01/2024



#42
1,2-Dichloroethane
Concen: 4.957 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN080598.D
Acq: 27 Dec 2023 12:59

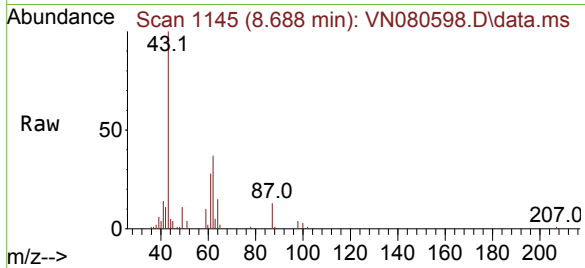
Tgt Ion:	62	Resp:	38123
Ion	Ratio	Lower	Upper
62	100		
98	10.8	0.0	19.8





#43
Isopropyl Acetate
Concen: 5.291 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VN080598.D
Acq: 27 Dec 2023 12:59

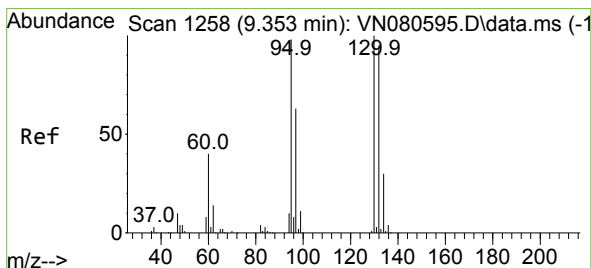
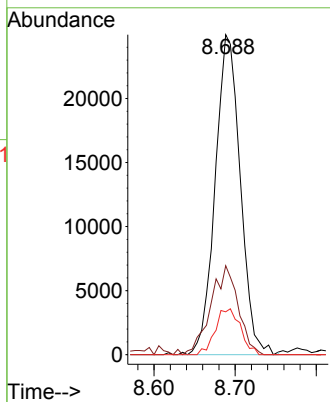
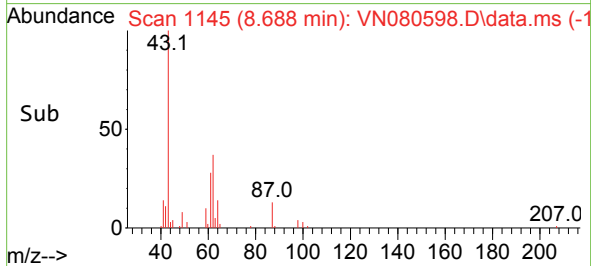
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 43 Resp: 53700
Ion Ratio Lower Upper
43 100
61 30.4 24.7 37.1
87 14.4 14.6 21.8

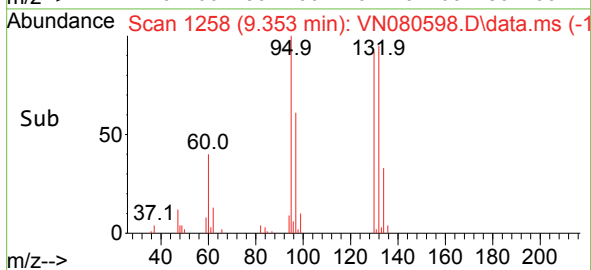
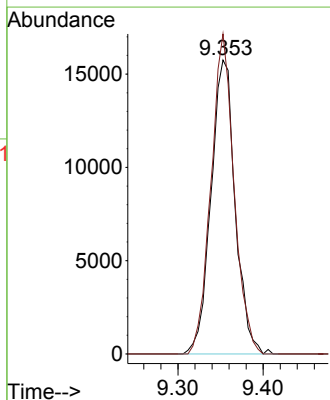
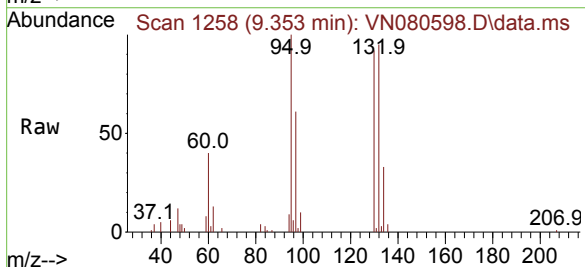
Manual Integrations
APPROVED

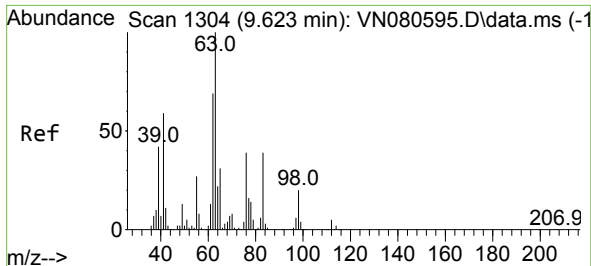
Reviewed By :John Carlone 12/28/2023
Supervised By :Semsettin Yesilyurt 01/01/2024



#44
Trichloroethene
Concen: 5.016 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. -0.000 min
Lab File: VN080598.D
Acq: 27 Dec 2023 12:59

Tgt Ion:130 Resp: 31073
Ion Ratio Lower Upper
130 100
95 108.9 0.0 204.6





#45

1,2-Dichloropropane

Concen: 4.804 ug/l

RT: 9.623 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN080598.D

Acq: 27 Dec 2023 12:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

Tgt Ion: 63 Resp: 2709

Ion Ratio Lower Upper

63 100

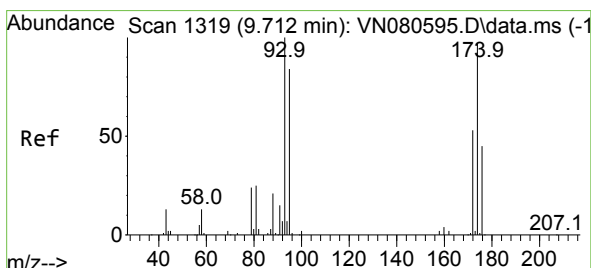
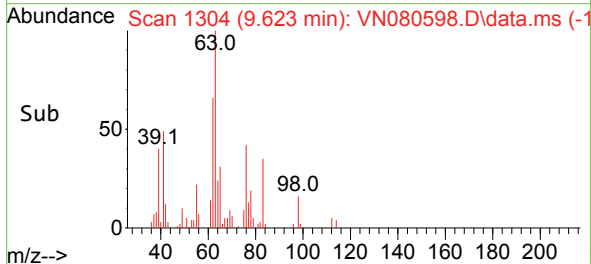
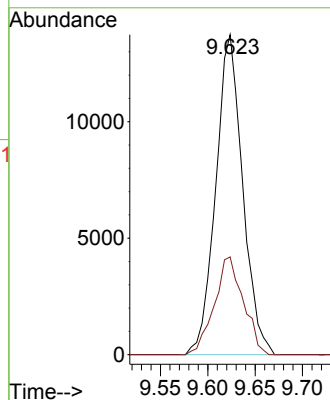
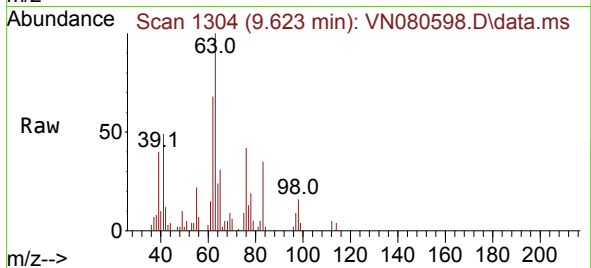
65 30.5 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/28/2023

Supervised By :Semsettin Yesilyurt 01/01/2024



#46

Dibromomethane

Concen: 5.617 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.006 min

Lab File: VN080598.D

Acq: 27 Dec 2023 12:59

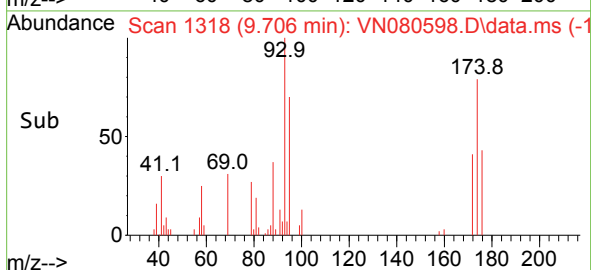
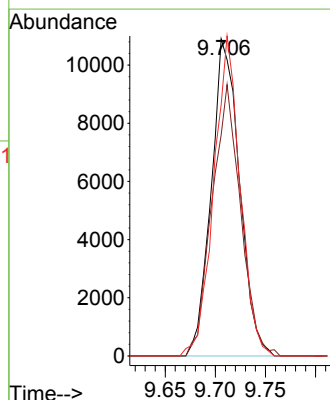
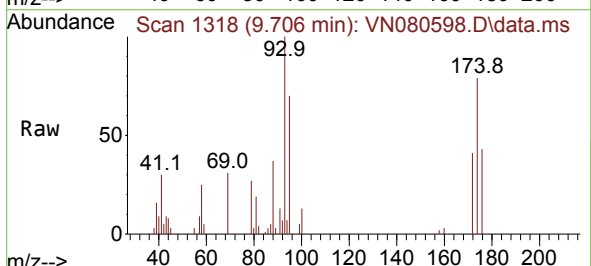
Tgt Ion: 93 Resp: 21317

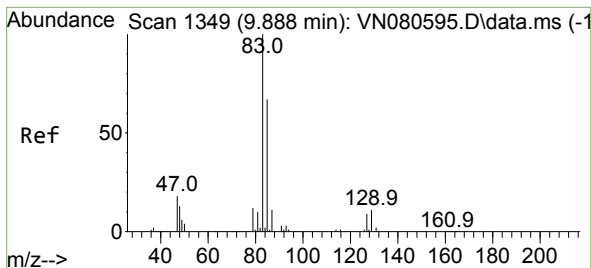
Ion Ratio Lower Upper

93 100

95 86.6 63.8 95.8

174 94.3 65.6 98.4





#47

Bromodichloromethane

Concen: 5.017 ug/l

RT: 9.888 min Scan# 1349

Delta R.T. -0.000 min

Lab File: VN080598.D

Acq: 27 Dec 2023 12:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

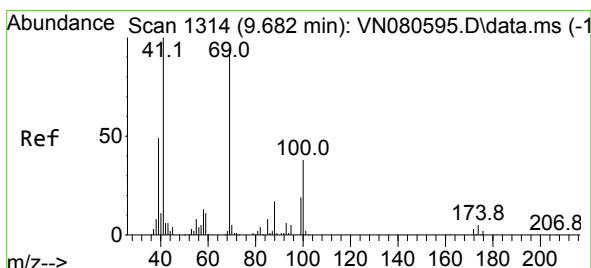
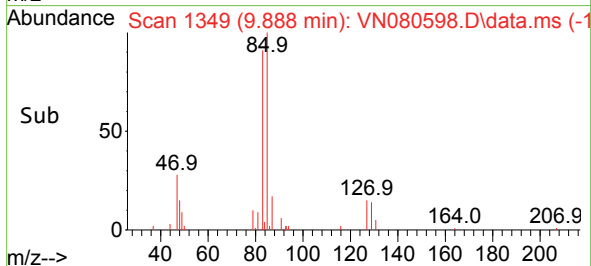
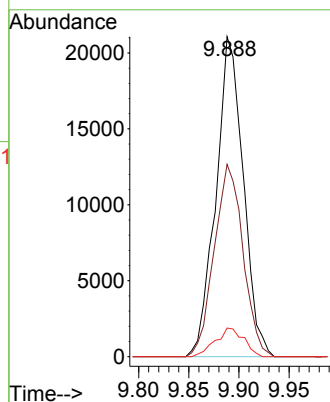
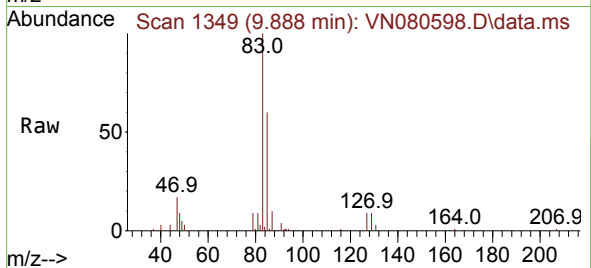
Tgt Ion:	83	Resp:	3991
Ion Ratio	Lower	Upper	
83	100		
85	60.1	49.6	74.4
127	8.9	7.0	10.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/28/2023

Supervised By :Semsettin Yesilyurt 01/01/2024



#48

Methyl methacrylate

Concen: 5.372 ug/l

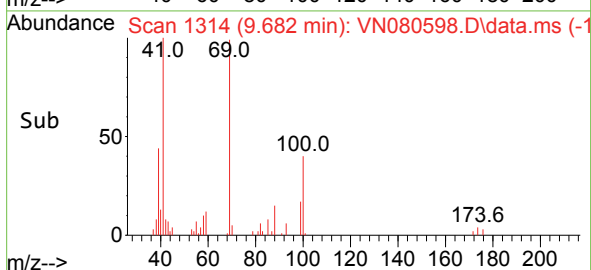
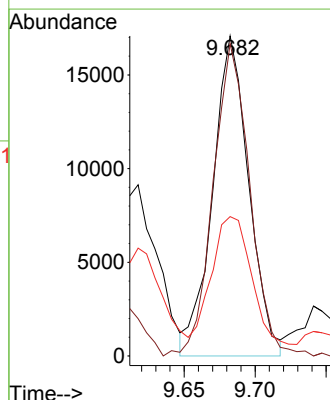
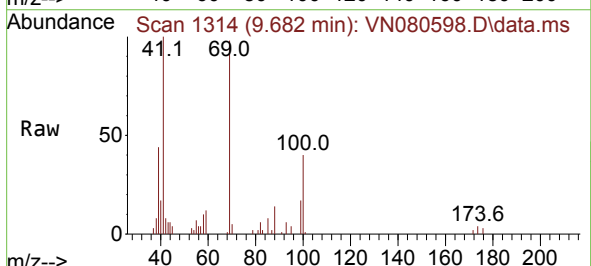
RT: 9.682 min Scan# 1314

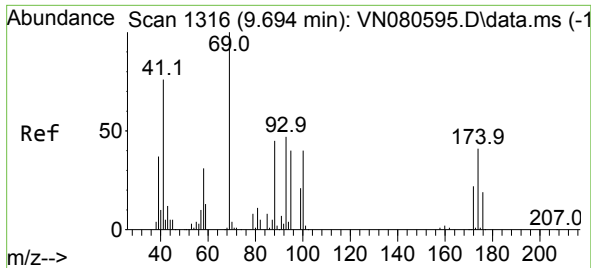
Delta R.T. -0.000 min

Lab File: VN080598.D

Acq: 27 Dec 2023 12:59

Tgt Ion:	41	Resp:	30277
Ion Ratio	Lower	Upper	
41	100		
69	98.9	90.4	135.6
39	52.3	54.6	81.8





#49

1,4-Dioxane

Concen: 110.295 ug/l

RT: 9.694 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN080598.D

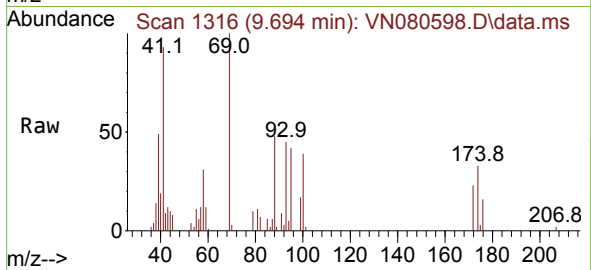
Acq: 27 Dec 2023 12:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005



Tgt Ion: 88 Resp: 9930

Ion Ratio Lower Upper

88 100

43 27.9 17.0 25.6

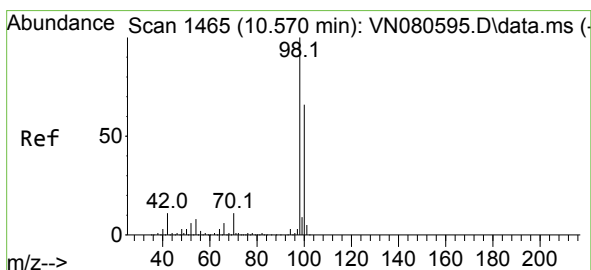
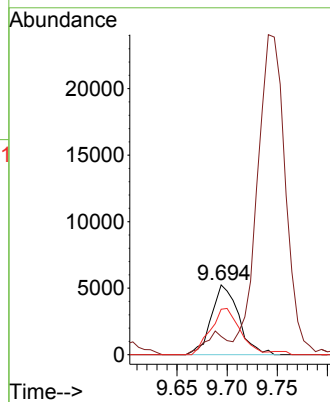
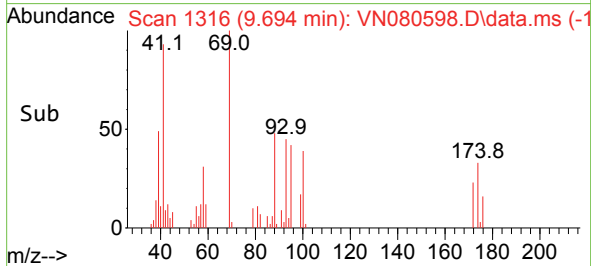
58 71.9 47.0 70.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/28/2023

Supervised By :Semsettin Yesilyurt 01/01/2024



#50

Toluene-d8

Concen: 5.297 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.006 min

Lab File: VN080598.D

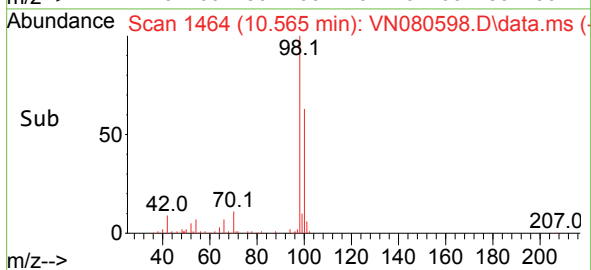
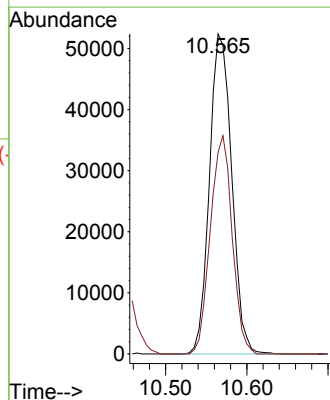
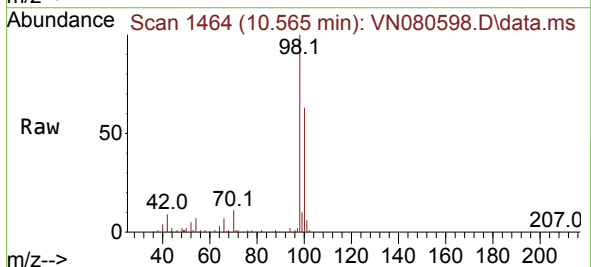
Acq: 27 Dec 2023 12:59

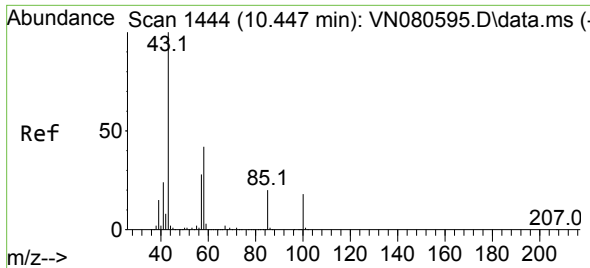
Tgt Ion: 98 Resp: 99737

Ion Ratio Lower Upper

98 100

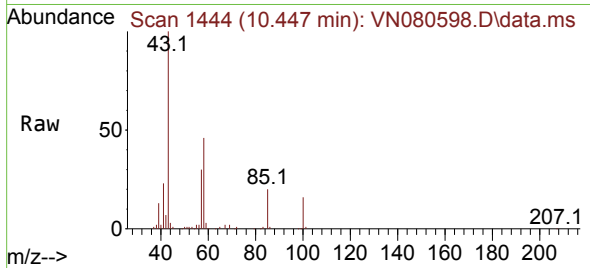
100 66.8 52.0 78.0





#51
4-Methyl-2-Pentanone
Concen: 27.911 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN080598.D
Acq: 27 Dec 2023 12:59

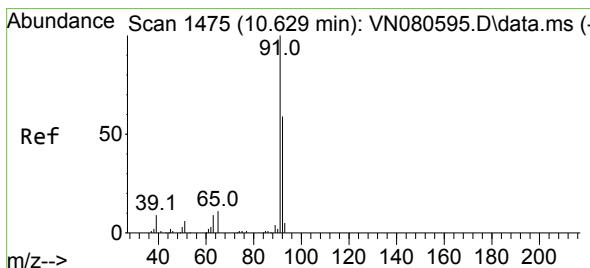
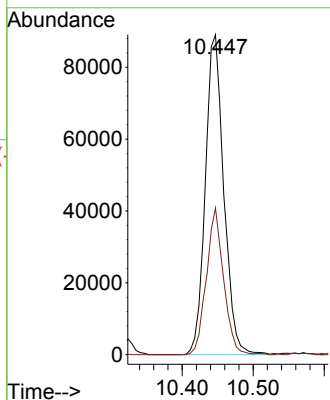
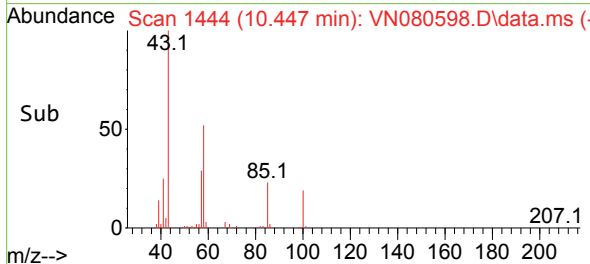
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



Tgt Ion: 43 Resp: 16114
Ion Ratio Lower Upper
43 100
58 42.5 36.6 54.8

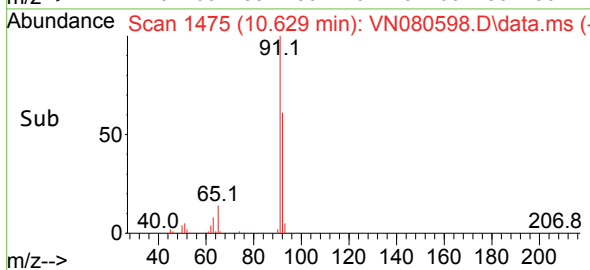
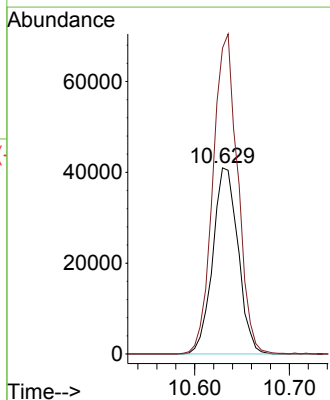
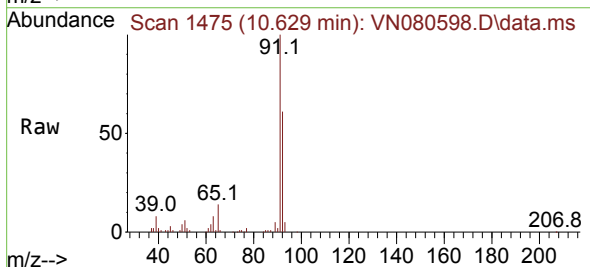
Manual Integrations
APPROVED

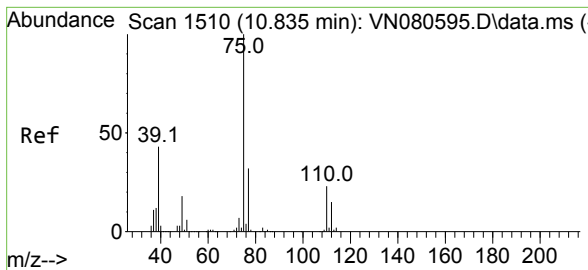
Reviewed By :John Carlone 12/28/2023
Supervised By :Semsettin Yesilyurt 01/01/2024



#52
Toluene
Concen: 5.766 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN080598.D
Acq: 27 Dec 2023 12:59

Tgt Ion: 92 Resp: 76085
Ion Ratio Lower Upper
92 100
91 168.2 137.4 206.0





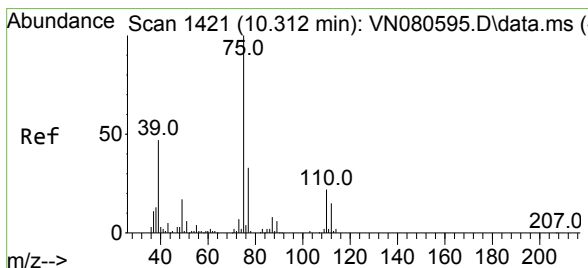
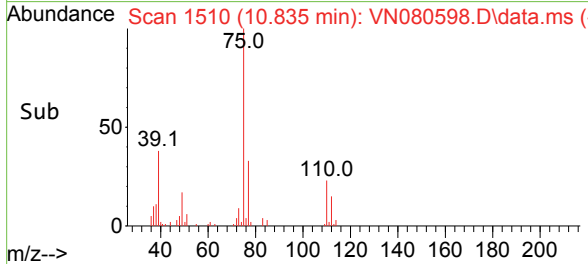
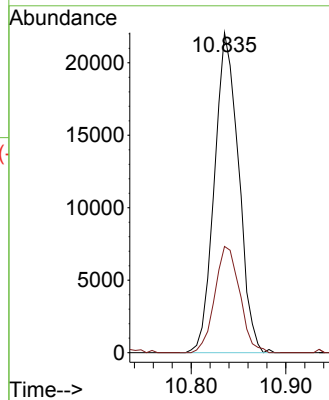
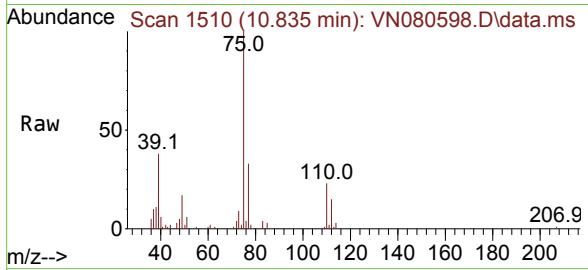
#53
 t-1,3-Dichloropropene
 Concen: 4.877 ug/l
 RT: 10.835 min Scan# 1511
 Delta R.T. -0.000 min
 Lab File: VN080598.D
 Acq: 27 Dec 2023 12:59

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Tgt Ion: 75 Resp: 3911
 Ion Ratio Lower Upper
 75 100
 77 33.2 25.4 38.0

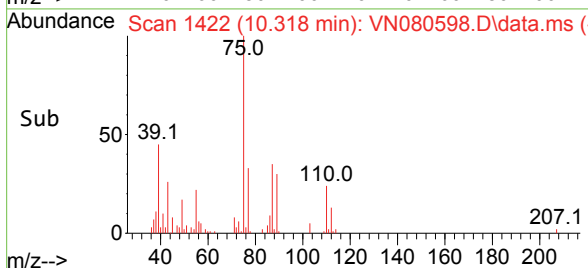
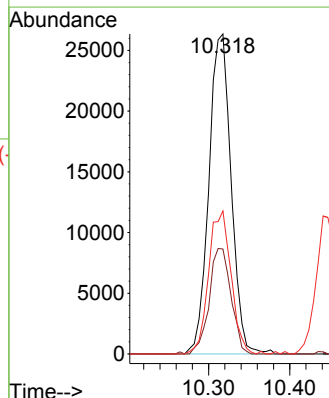
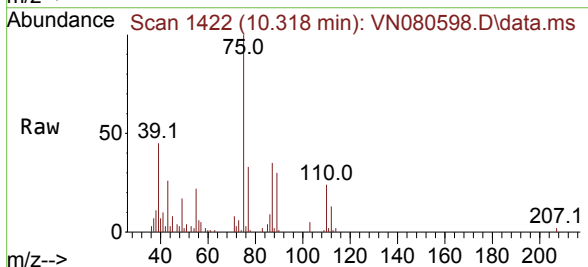
Manual Integrations
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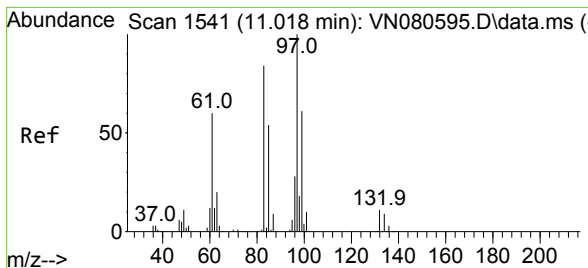
Reviewed By :John Carlone 12/28/2023
 Supervised By :Semsettin Yesilyurt 01/01/2024



#54
 cis-1,3-Dichloropropene
 Concen: 5.598 ug/l
 RT: 10.318 min Scan# 1422
 Delta R.T. 0.006 min
 Lab File: VN080598.D
 Acq: 27 Dec 2023 12:59

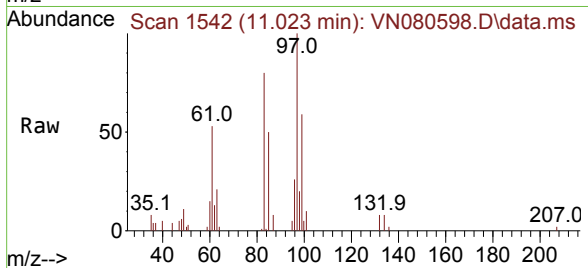
Tgt Ion: 75 Resp: 50249
 Ion Ratio Lower Upper
 75 100
 77 32.8 26.1 39.1
 39 44.7 31.6 47.4





#55
1,1,2-Trichloroethane
Concen: 5.084 ug/l
RT: 11.023 min Scan# 1542
Delta R.T. 0.006 min
Lab File: VN080598.D
Acq: 27 Dec 2023 12:59

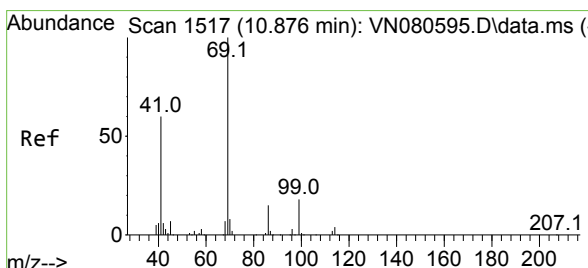
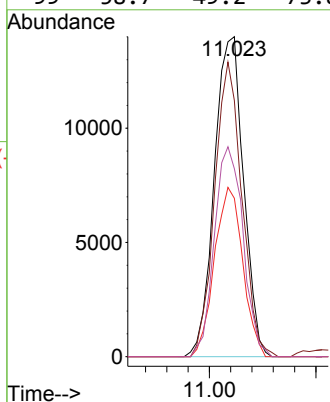
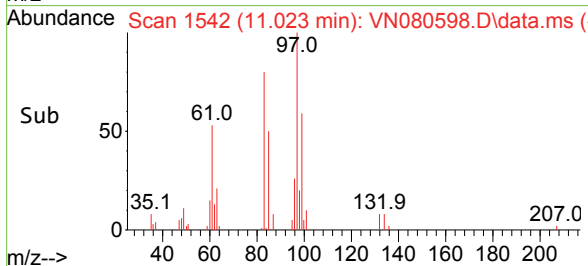
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



Tgt Ion:	97	Resp:	2661
Ion	Ratio	Lower	Upper
97	100		
83	80.0	65.1	97.7
85	49.5	43.4	65.2
99	58.7	49.2	73.8

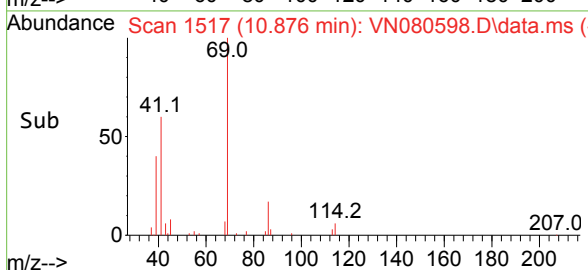
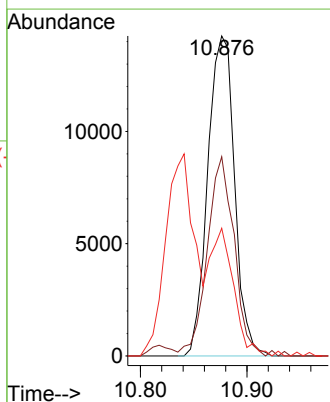
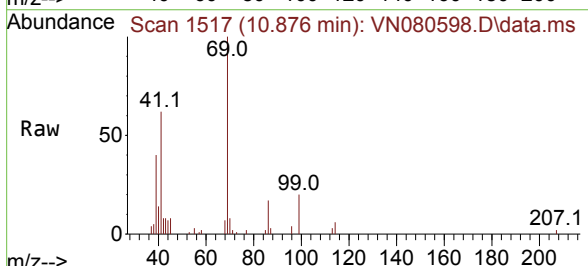
Manual Integrations
APPROVED

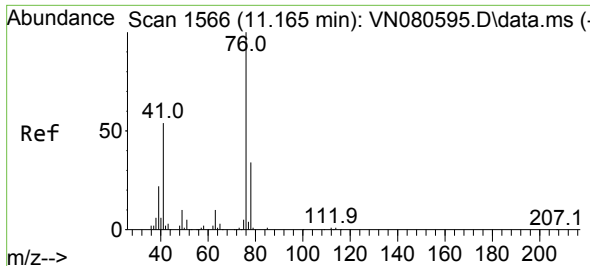
Reviewed By :John Carlone 12/28/2023
Supervised By :Semsettin Yesilyurt 01/01/2024



#56
Ethyl methacrylate
Concen: 4.864 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. -0.000 min
Lab File: VN080598.D
Acq: 27 Dec 2023 12:59

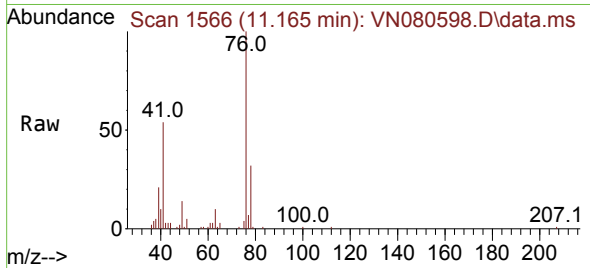
Tgt Ion:	69	Resp:	24938
Ion	Ratio	Lower	Upper
69	100		
41	62.2	39.6	59.4#
39	36.0	28.6	43.0





#57
1,3-Dichloropropane
Concen: 4.977 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VN080598.D
Acq: 27 Dec 2023 12:59

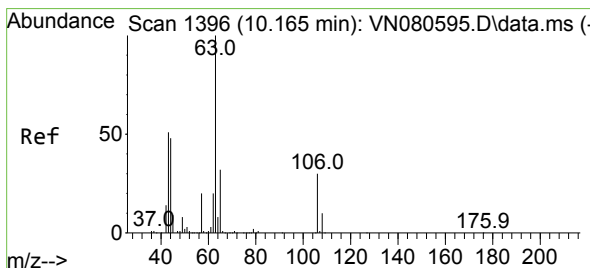
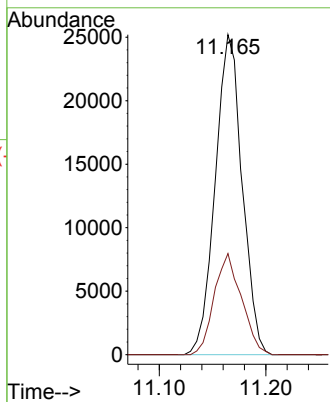
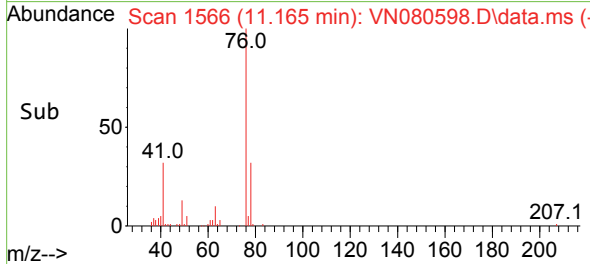
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



Tgt Ion: 76 Resp: 4414
Ion Ratio Lower Upper
76 100
78 32.1 26.1 39.1

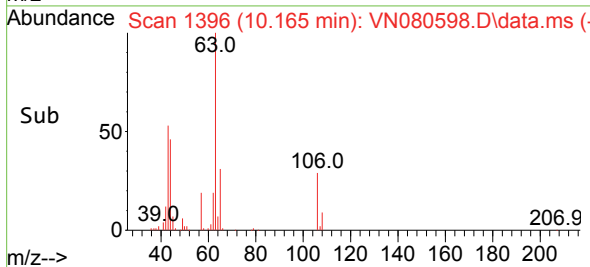
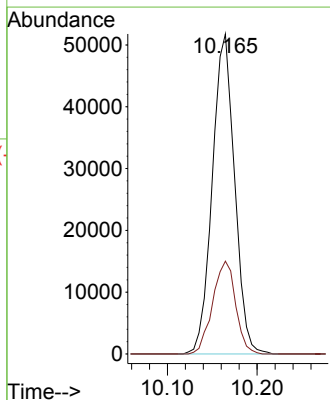
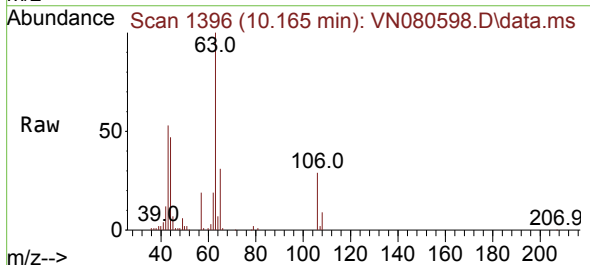
Manual Integrations
APPROVED

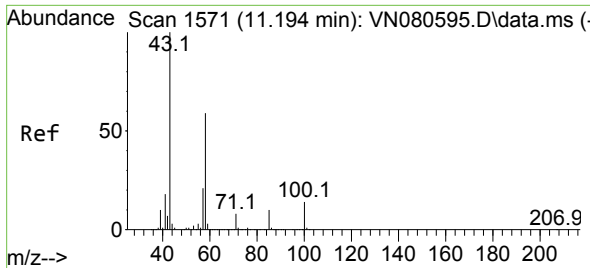
Reviewed By :John Carlone 12/28/2023
Supervised By :Semsettin Yesilyurt 01/01/2024



#58
2-Chloroethyl Vinyl ether
Concen: 24.611 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. -0.000 min
Lab File: VN080598.D
Acq: 27 Dec 2023 12:59

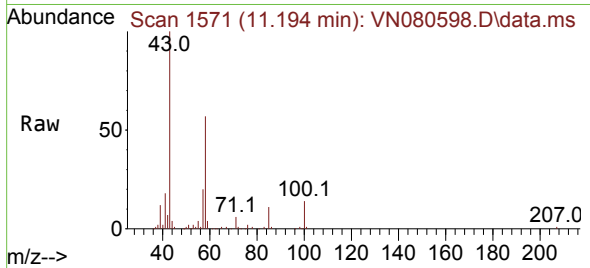
Tgt Ion: 63 Resp: 89112
Ion Ratio Lower Upper
63 100
106 29.9 26.2 39.4





#59
2-Hexanone
Concen: 27.235 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN080598.D
Acq: 27 Dec 2023 12:59

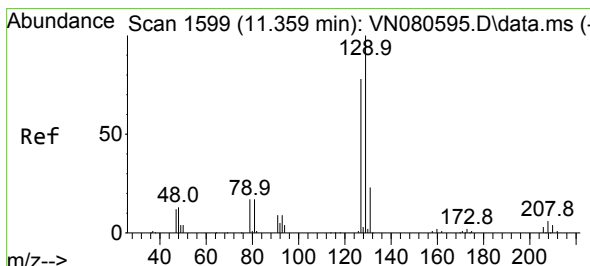
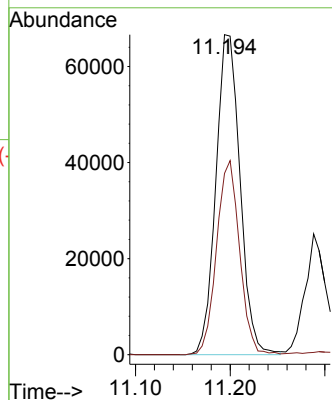
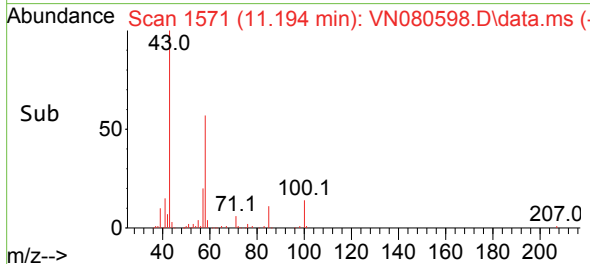
Instrument : MSVOA_N
ClientSampleId : VSTDIC005



Tgt Ion: 43 Resp: 118510
Ion Ratio Lower Upper
43 100
58 57.5 31.7 95.1

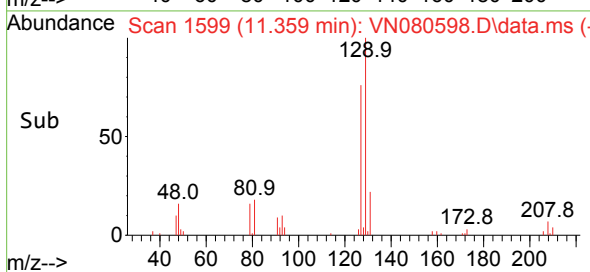
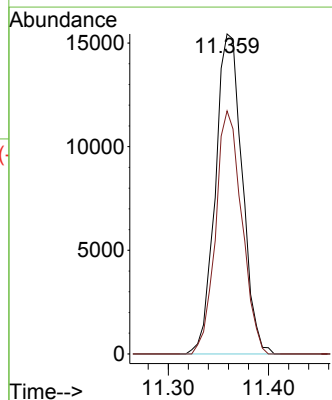
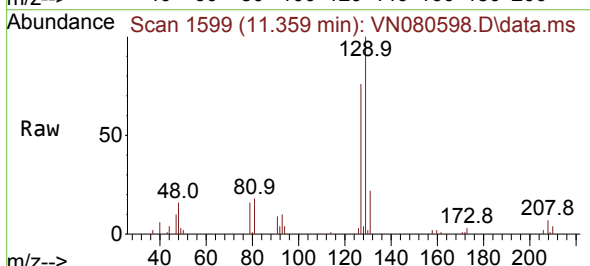
Manual Integrations
APPROVED

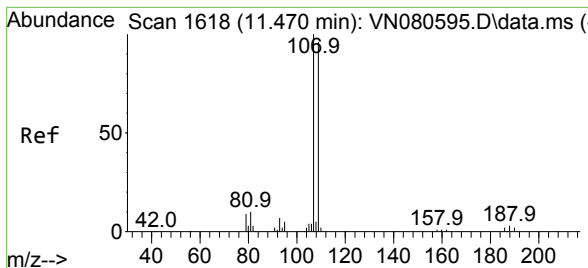
Reviewed By :John Carlone 12/28/2023
Supervised By :Semsettin Yesilyurt 01/01/2024



#60
Dibromochloromethane
Concen: 4.923 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN080598.D
Acq: 27 Dec 2023 12:59

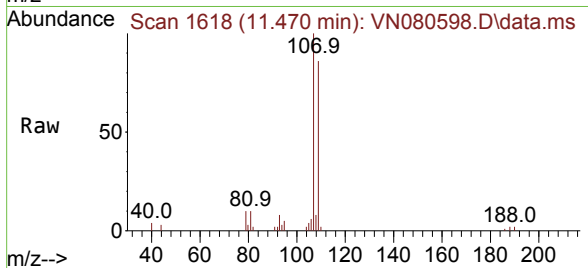
Tgt Ion:129 Resp: 28693
Ion Ratio Lower Upper
129 100
127 74.1 38.6 116.0





#61
1,2-Dibromoethane
Concen: 5.183 ug/l
RT: 11.470 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VN080598.D
Acq: 27 Dec 2023 12:59

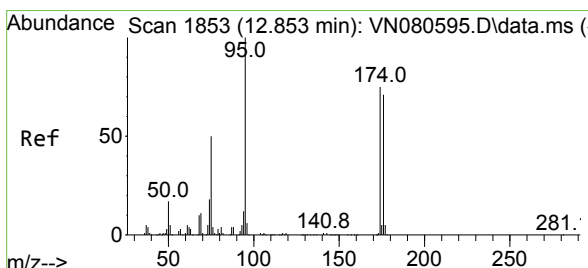
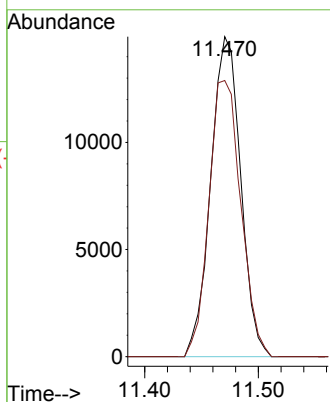
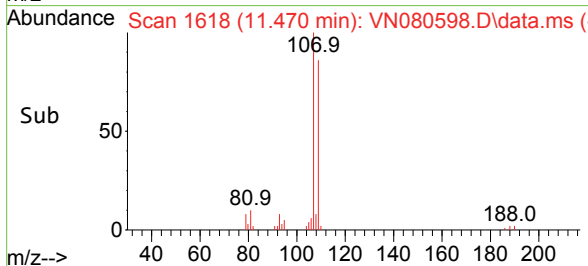
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



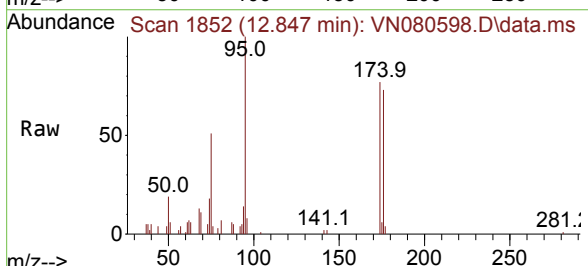
Tgt Ion:107 Resp: 2735
Ion Ratio Lower Upper
107 100
109 92.0 76.6 114.8

Manual Integrations
APPROVED

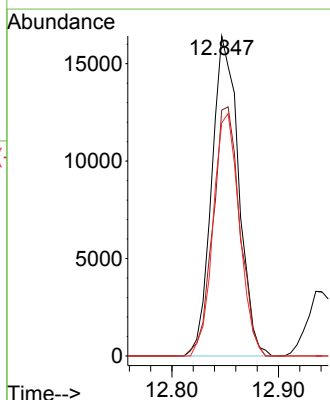
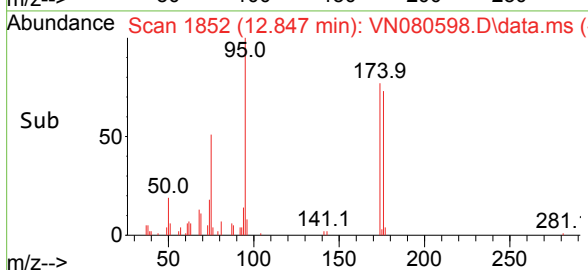
Reviewed By :John Carlone 12/28/2023
Supervised By :Semsettin Yesilyurt 01/01/2024

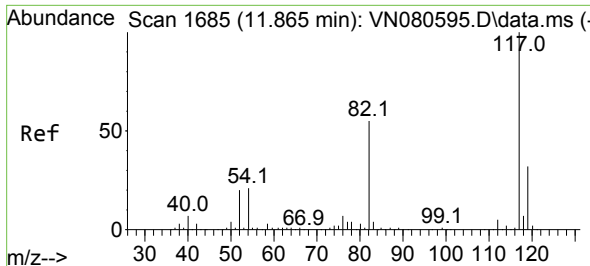


#62
4-Bromofluorobenzene
Concen: 4.539 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.006 min
Lab File: VN080598.D
Acq: 27 Dec 2023 12:59



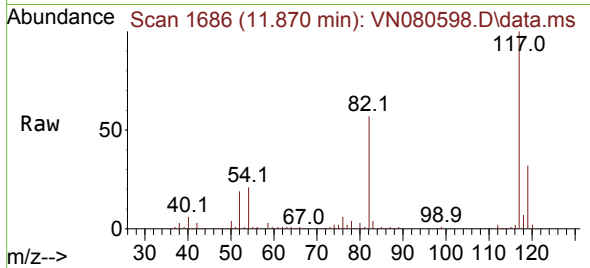
Tgt Ion: 95 Resp: 28764
Ion Ratio Lower Upper
95 100
174 77.7 0.0 143.8
176 73.9 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN080598.D
Acq: 27 Dec 2023 12:59

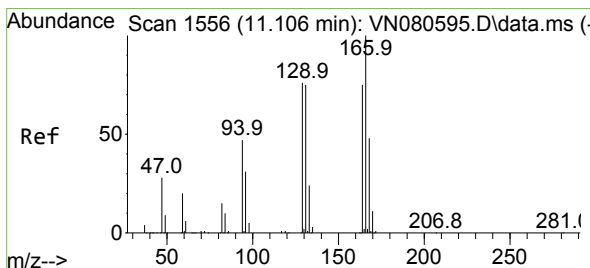
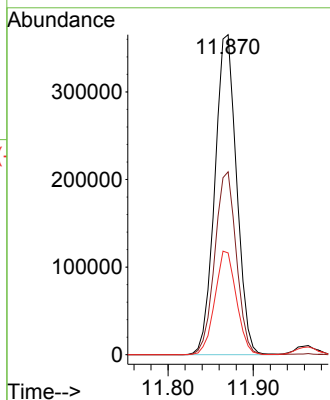
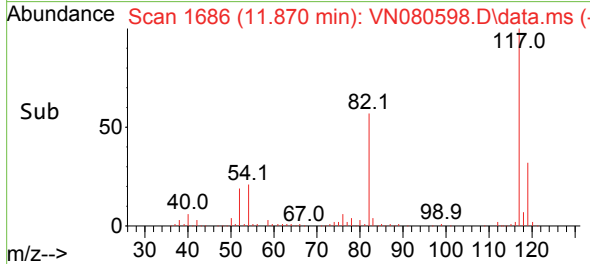
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



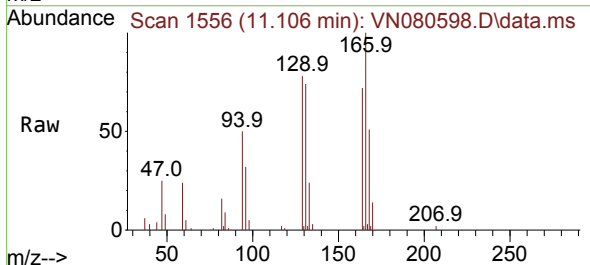
Tgt Ion:117 Resp: 64872
Ion Ratio Lower Upper
117 100
82 57.2 44.0 66.0
119 31.8 25.6 38.4

Manual Integrations
APPROVED

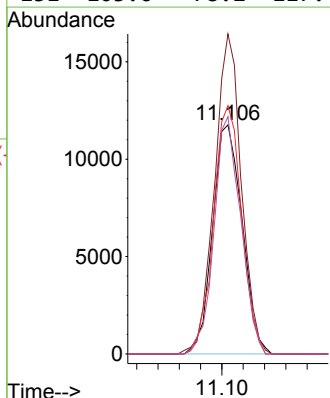
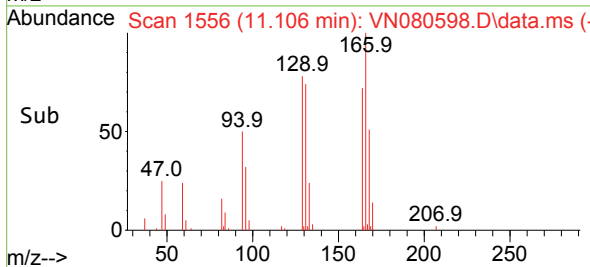
Reviewed By :John Carlone 12/28/2023
Supervised By :Semsettin Yesilyurt 01/01/2024

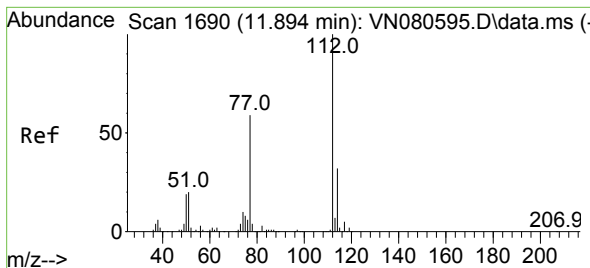


#64
Tetrachloroethene
Concen: 5.211 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN080598.D
Acq: 27 Dec 2023 12:59



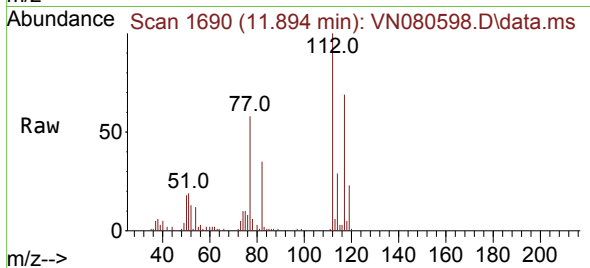
Tgt Ion:164 Resp: 22590
Ion Ratio Lower Upper
164 100
166 139.7 101.4 152.0
129 108.4 82.4 123.6
131 103.6 78.2 117.4





#65
Chlorobenzene
Concen: 5.239 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. -0.000 min
Lab File: VN080598.D
Acq: 27 Dec 2023 12:59

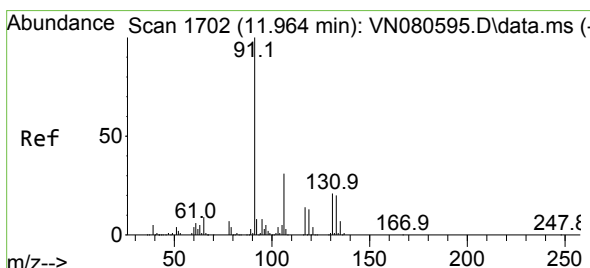
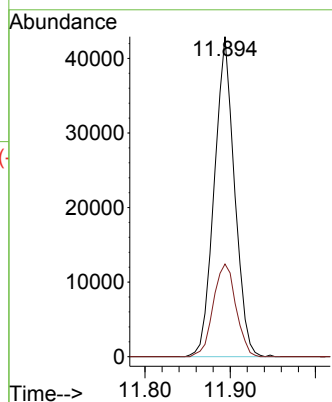
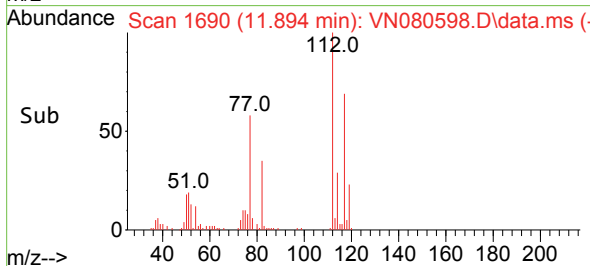
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



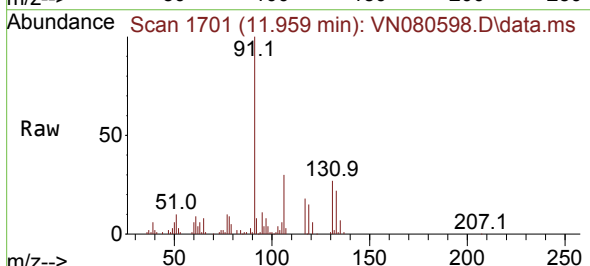
Tgt Ion:112 Resp: 70702
Ion Ratio Lower Upper
112 100
114 28.9 25.0 37.4

Manual Integrations
APPROVED

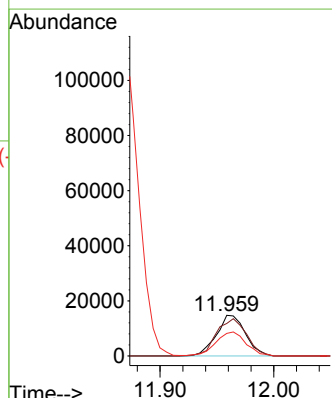
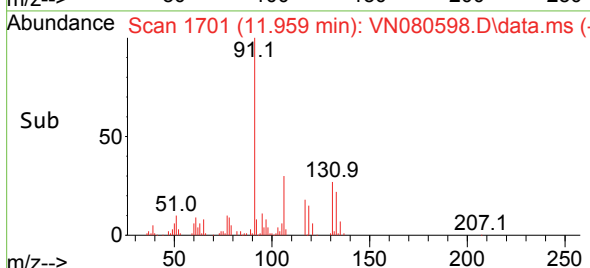
Reviewed By :John Carlone 12/28/2023
Supervised By :Semsettin Yesilyurt 01/01/2024

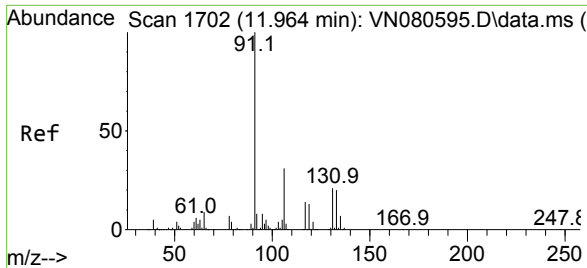


#66
1,1,1,2-Tetrachloroethane
Concen: 5.034 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN080598.D
Acq: 27 Dec 2023 12:59



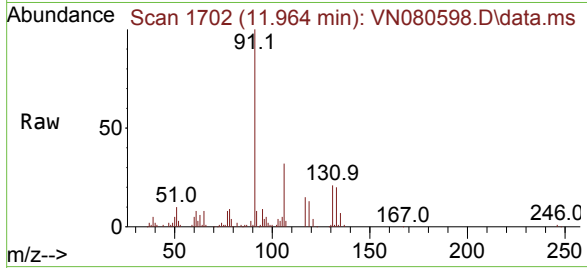
Tgt Ion:131 Resp: 26130
Ion Ratio Lower Upper
131 100
133 95.8 46.4 139.1
119 61.6 34.1 102.2





#67
Ethyl Benzene
Concen: 5.129 ug/l
RT: 11.964 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN080598.D
Acq: 27 Dec 2023 12:59

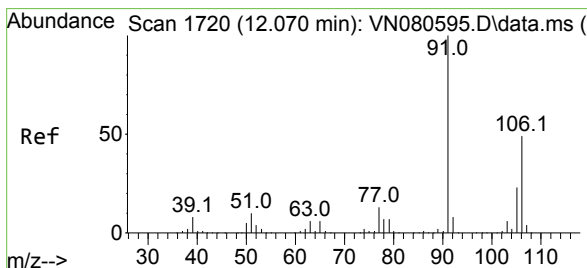
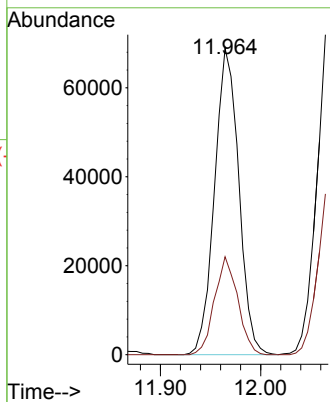
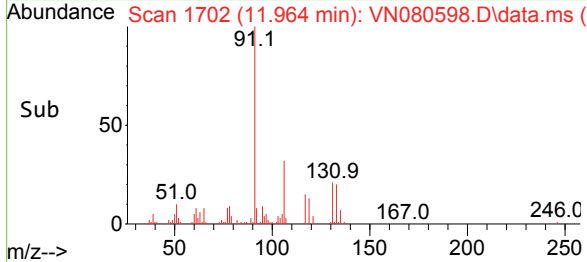
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



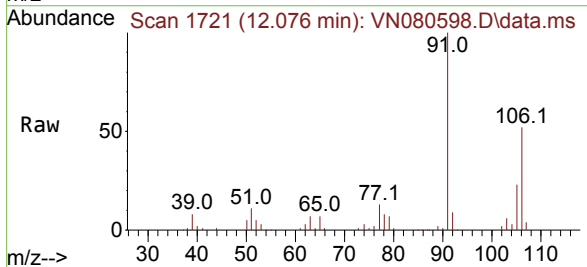
Tgt Ion: 91 Resp: 115724
Ion Ratio Lower Upper
91 100
106 32.0 25.6 38.4

Manual Integrations
APPROVED

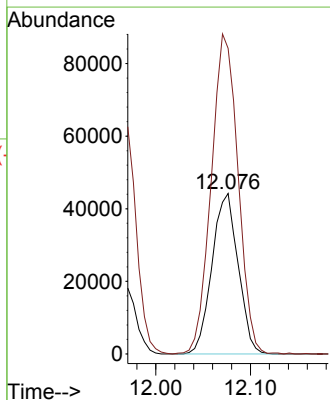
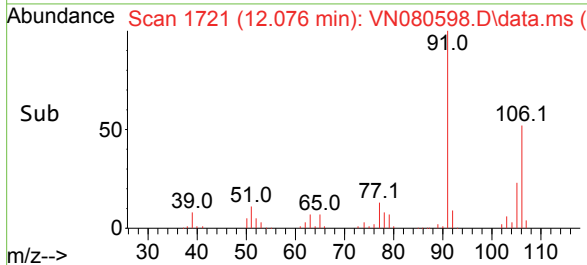
Reviewed By :John Carlone 12/28/2023
Supervised By :Semsettin Yesilyurt 01/01/2024

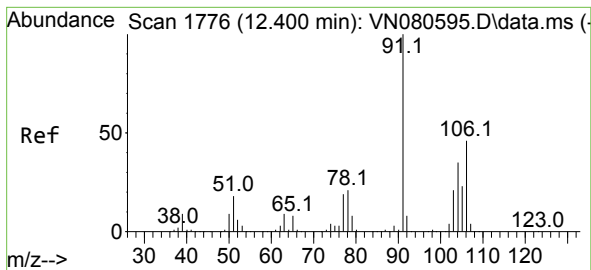


#68
m/p-Xylenes
Concen: 10.123 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.006 min
Lab File: VN080598.D
Acq: 27 Dec 2023 12:59



Tgt Ion:106 Resp: 84747
Ion Ratio Lower Upper
106 100
91 204.7 159.6 239.4





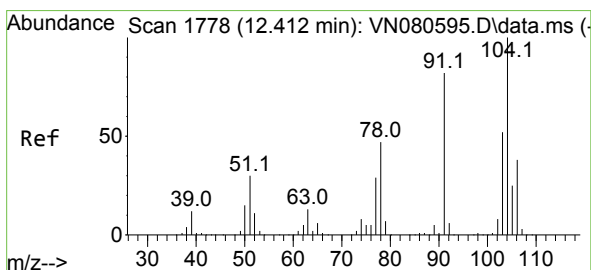
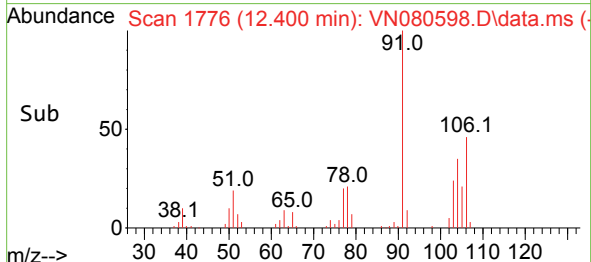
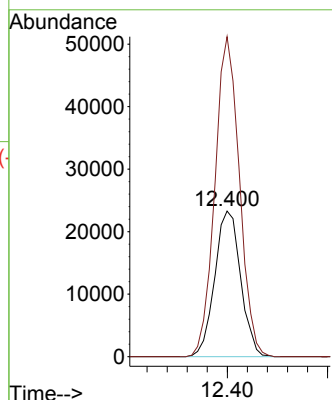
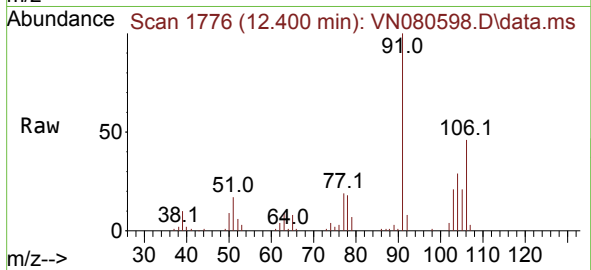
#69
o-Xylene
Concen: 5.069 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN080598.D
Acq: 27 Dec 2023 12:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:106 Resp: 41680
Ion Ratio Lower Upper
106 100
91 208.3 105.2 315.5

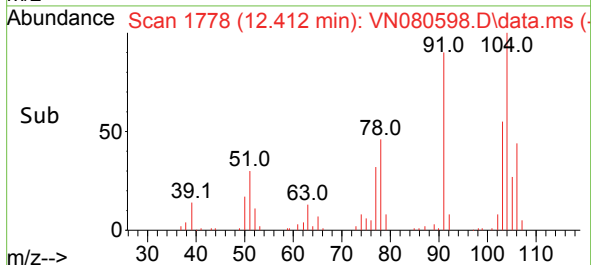
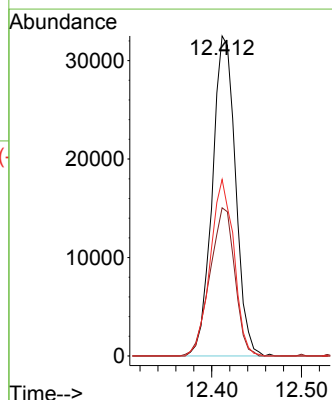
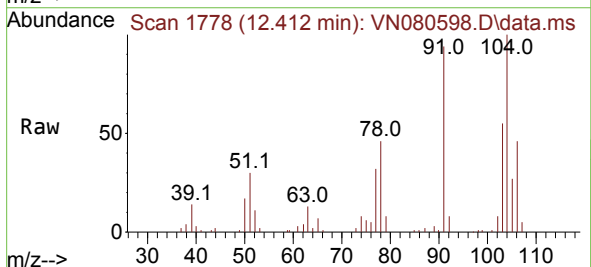
Manual Integrations
APPROVED

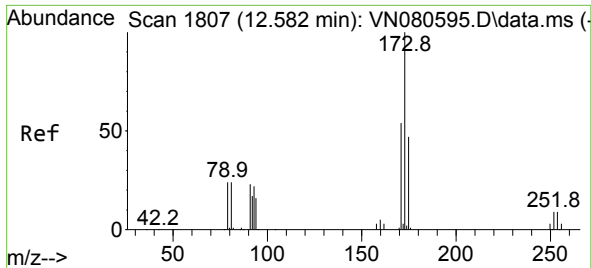
Reviewed By :John Carlone 12/28/2023
Supervised By :Semsettin Yesilyurt 01/01/2024



#70
Styrene
Concen: 4.884 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN080598.D
Acq: 27 Dec 2023 12:59

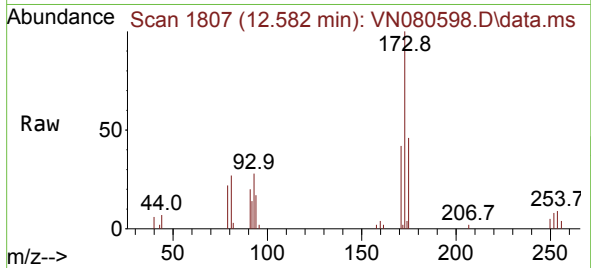
Tgt Ion:104 Resp: 58389
Ion Ratio Lower Upper
104 100
78 49.5 39.5 59.3
103 56.2 43.2 64.8





#71
Bromoform
Concen: 5.096 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VN080598.D
Acq: 27 Dec 2023 12:59

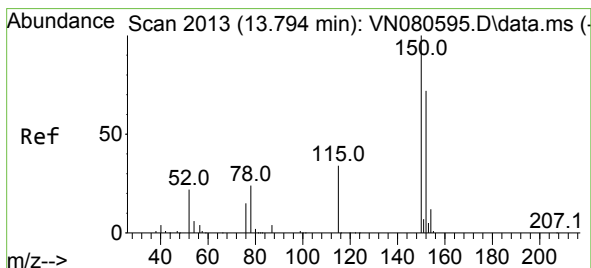
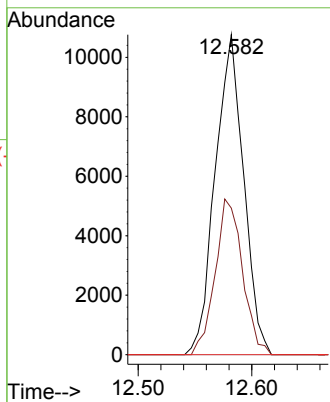
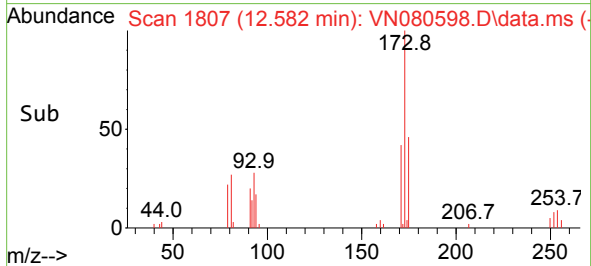
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



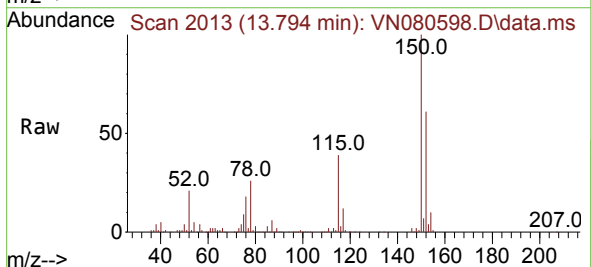
Tgt Ion:173 Resp: 1871
Ion Ratio Lower Upper
173 100
175 46.9 24.3 73.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

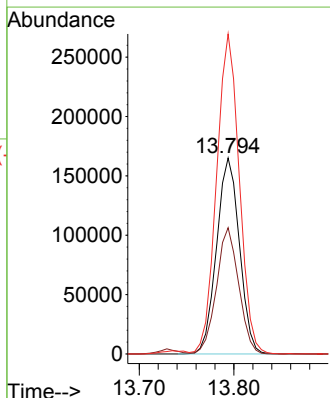
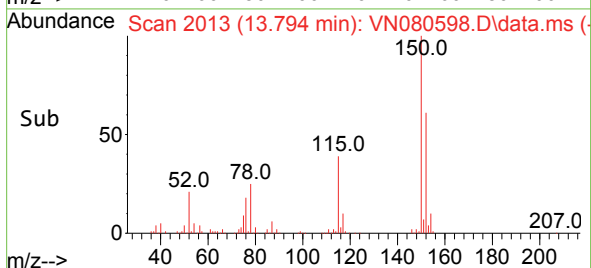
Reviewed By :John Carlone 12/28/2023
Supervised By :Semsettin Yesilyurt 01/01/2024

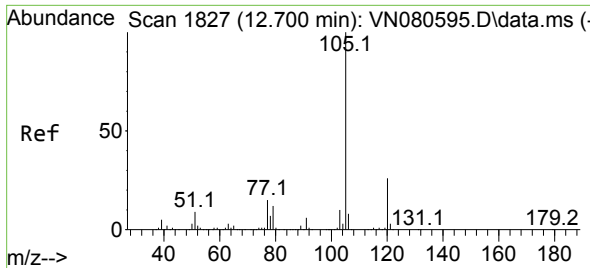


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN080598.D
Acq: 27 Dec 2023 12:59



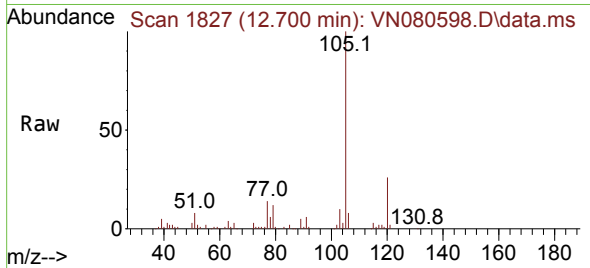
Tgt Ion:152 Resp: 277031
Ion Ratio Lower Upper
152 100
115 62.7 32.3 96.8
150 162.1 0.0 355.8





#73
Isopropylbenzene
Concen: 5.274 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. -0.000 min
Lab File: VN080598.D
Acq: 27 Dec 2023 12:59

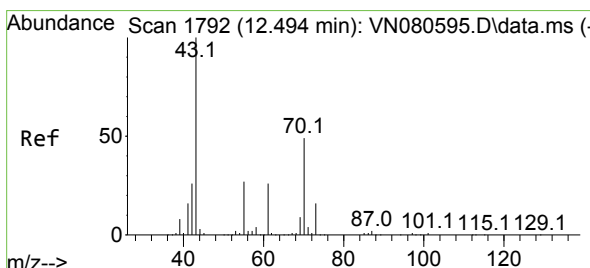
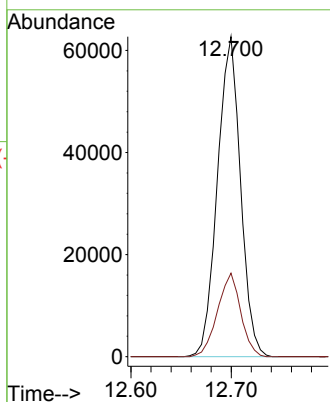
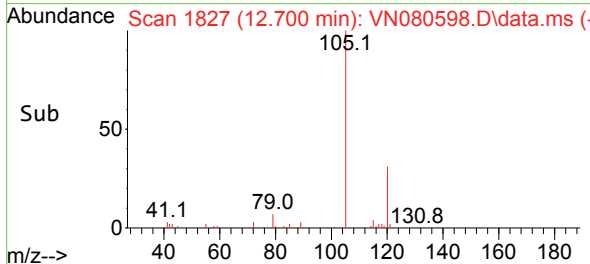
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



Tgt Ion:105 Resp: 100009
Ion Ratio Lower Upper
105 100
120 26.2 13.1 39.1

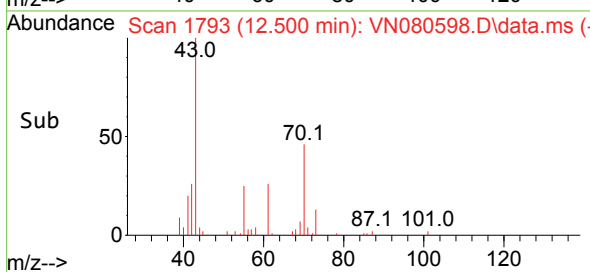
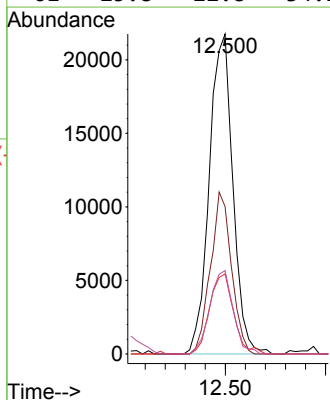
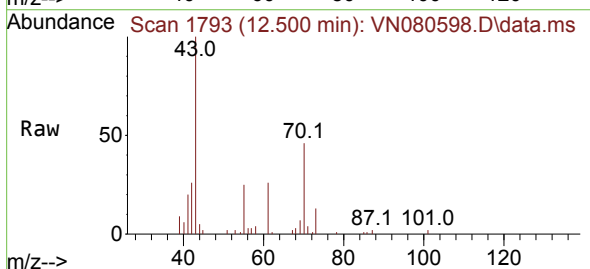
Manual Integrations
APPROVED

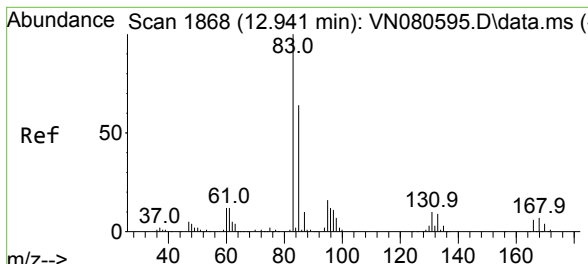
Reviewed By :John Carlone 12/28/2023
Supervised By :Semsettin Yesilyurt 01/01/2024



#74
N-ethyl acetate
Concen: 5.316 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. 0.006 min
Lab File: VN080598.D
Acq: 27 Dec 2023 12:59

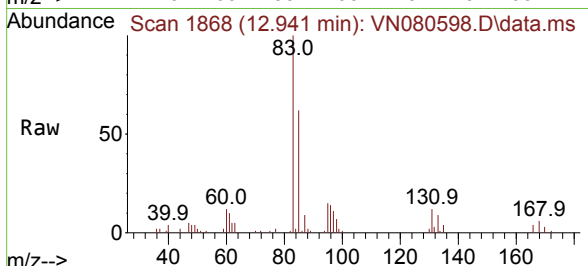
Tgt Ion: 43 Resp: 35562
Ion Ratio Lower Upper
43 100
70 45.1 43.4 65.2
55 25.5 21.4 32.0
61 25.8 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 5.588 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VN080598.D
Acq: 27 Dec 2023 12:59

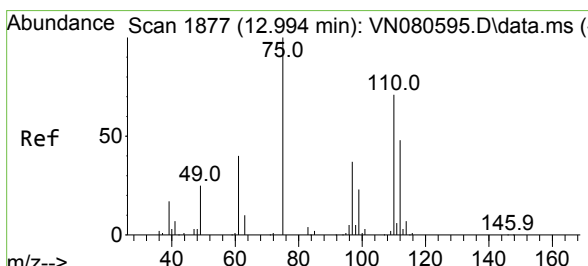
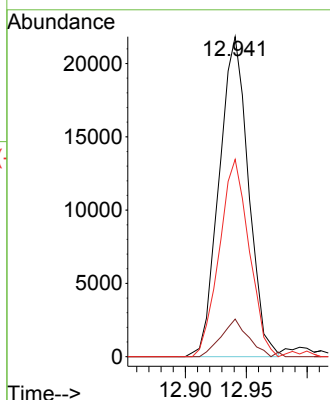
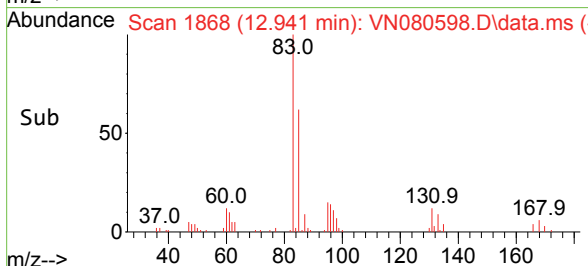
Instrument : MSVOA_N
ClientSampleId : VSTDIC005



Tgt Ion: 83 Resp: 3656
Ion Ratio Lower Upper
83 100
131 11.1 5.0 15.0
85 62.6 31.9 95.7

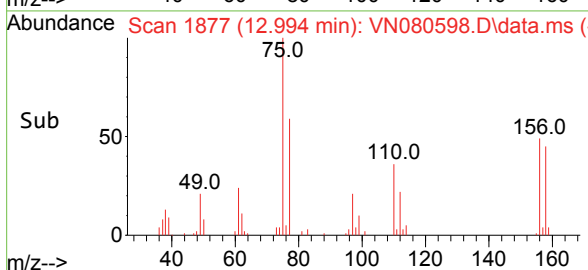
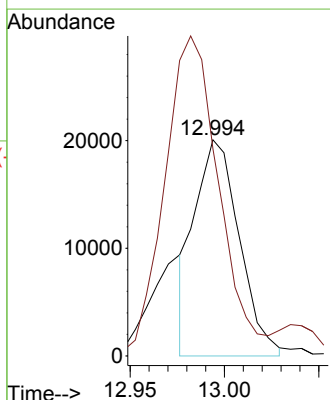
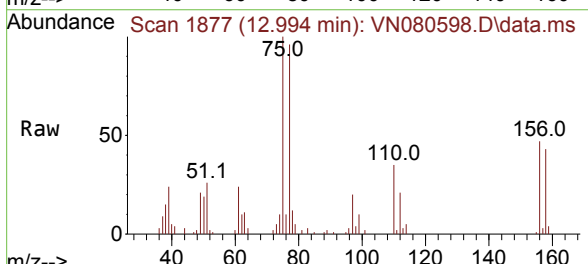
Manual Integrations
APPROVED

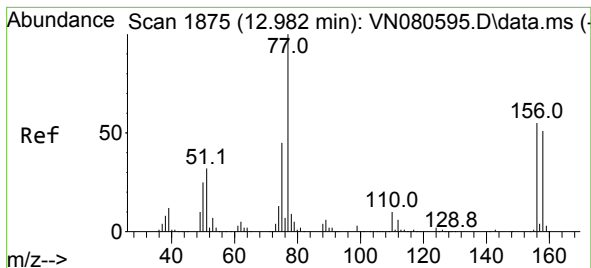
Reviewed By :John Carlone 12/28/2023
Supervised By :Semsettin Yesilyurt 01/01/2024



#76
1,2,3-Trichloropropane
Concen: 5.522 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.000 min
Lab File: VN080598.D
Acq: 27 Dec 2023 12:59

Tgt Ion: 75 Resp: 32901
Ion Ratio Lower Upper
75 100
77 181.1 84.5 253.5





#77

Bromobenzene

Concen: 5.199 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VN080598.D

Acq: 27 Dec 2023 12:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

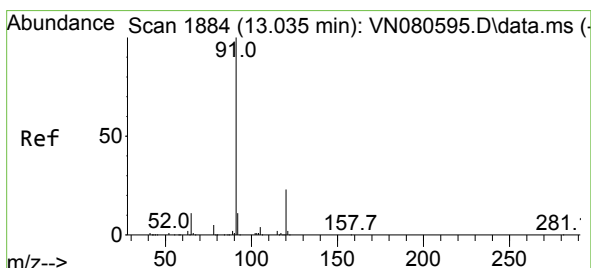
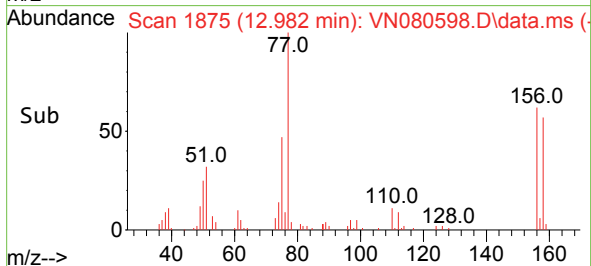
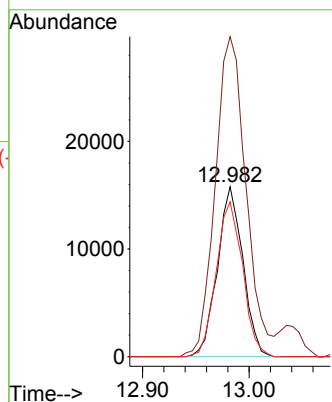
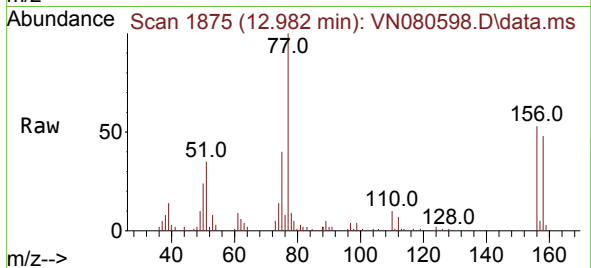
Tgt Ion:	156	Resp:	26184
Ion Ratio	Lower	Upper	
156	100		
77	227.6	107.7	323.3
158	94.4	48.4	145.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/28/2023

Supervised By :Semsettin Yesilyurt 01/01/2024



#78

n-propylbenzene

Concen: 5.228 ug/l

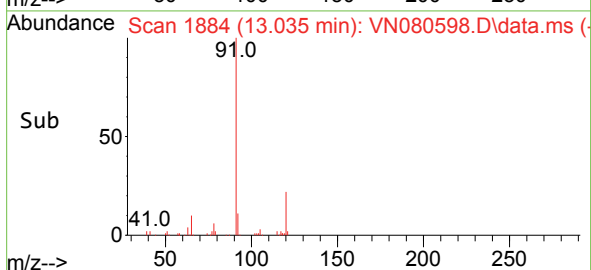
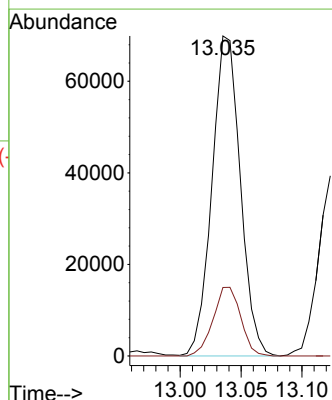
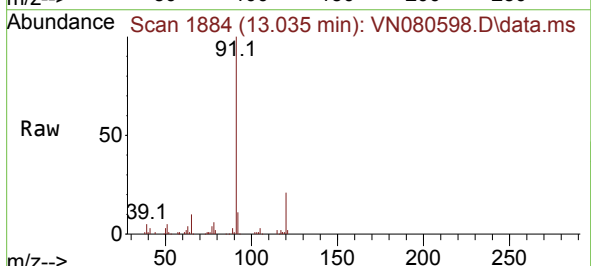
RT: 13.035 min Scan# 1884

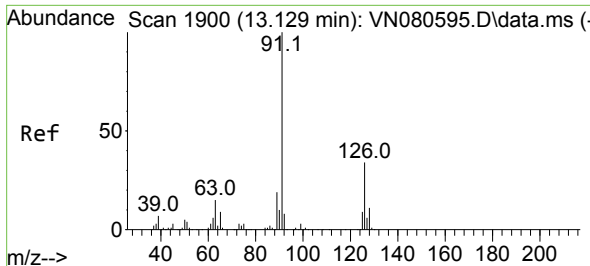
Delta R.T. 0.000 min

Lab File: VN080598.D

Acq: 27 Dec 2023 12:59

Tgt Ion:	91	Resp:	113360
Ion Ratio	Lower	Upper	
91	100		
120	20.9	11.5	34.4





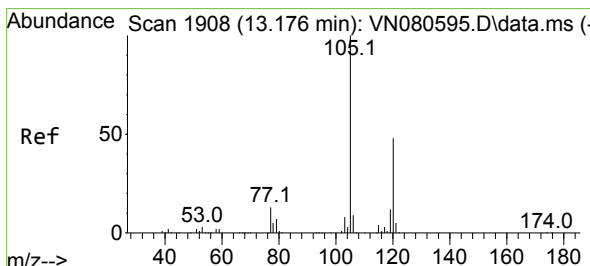
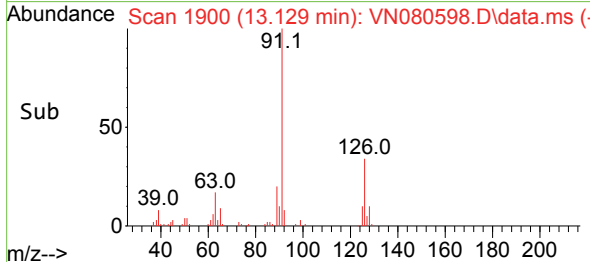
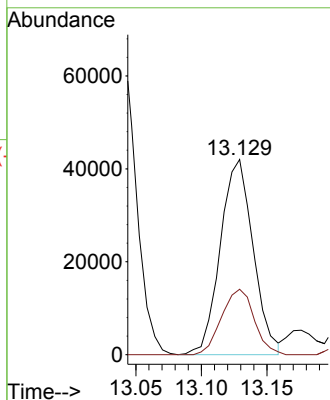
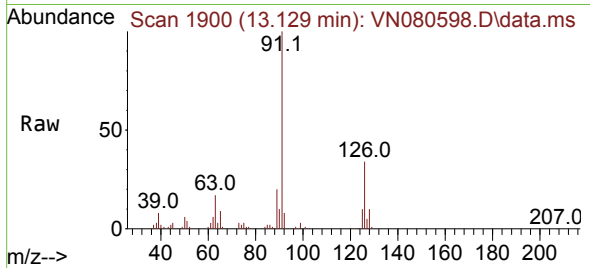
#79
2-Chlorotoluene
Concen: 5.176 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VN080598.D
Acq: 27 Dec 2023 12:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion: 91 Resp: 73262
Ion Ratio Lower Upper
91 100
126 33.2 16.3 48.8

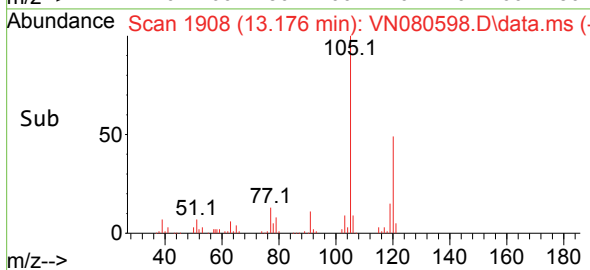
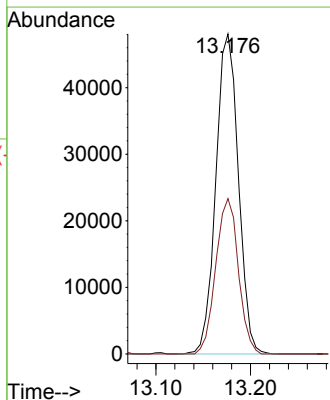
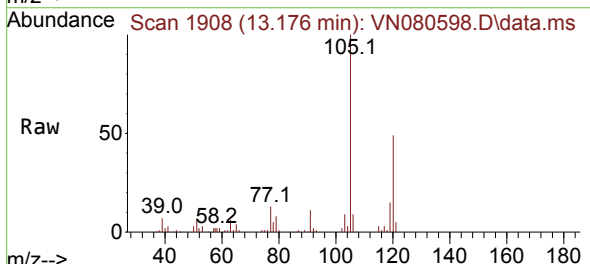
Manual Integrations
APPROVED

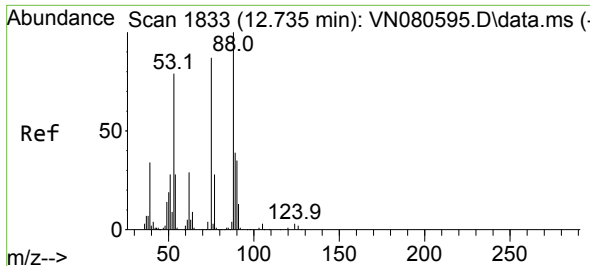
Reviewed By :John Carbone 12/28/2023
Supervised By :Semsettin Yesilyurt 01/01/2024



#80
1,3,5-Trimethylbenzene
Concen: 4.963 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VN080598.D
Acq: 27 Dec 2023 12:59

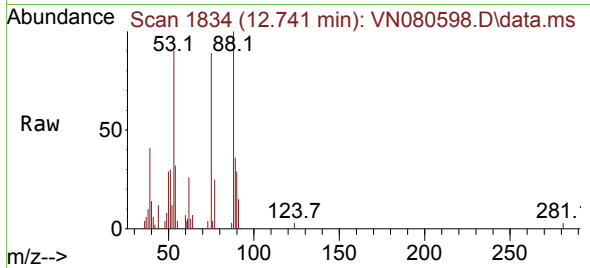
Tgt Ion:105 Resp: 79465
Ion Ratio Lower Upper
105 100
120 48.7 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 5.229 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.006 min
Lab File: VN080598.D
Acq: 27 Dec 2023 12:59

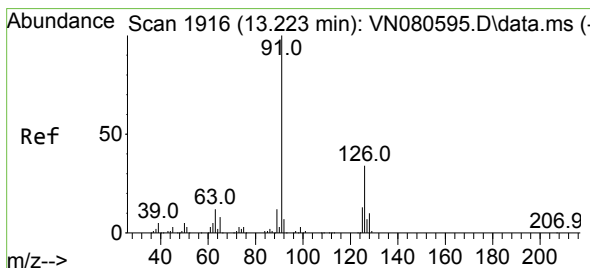
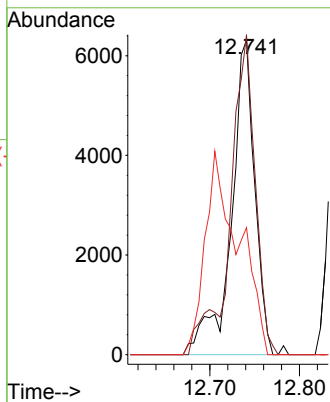
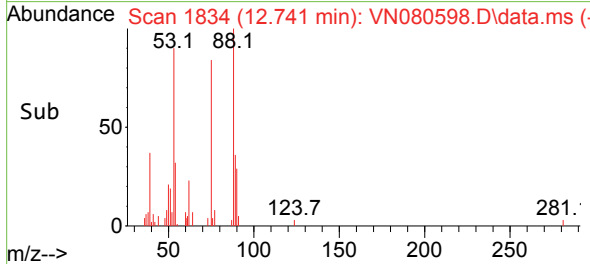
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



Tgt Ion: 75 Resp: 1150
Ion Ratio Lower Upper
75 100
53 107.7 67.4 101.2
89 0.0 38.8 58.2

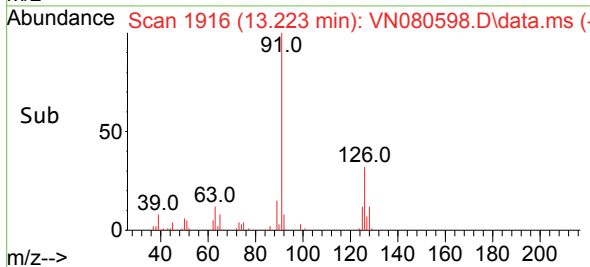
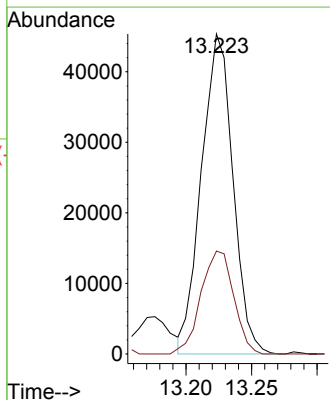
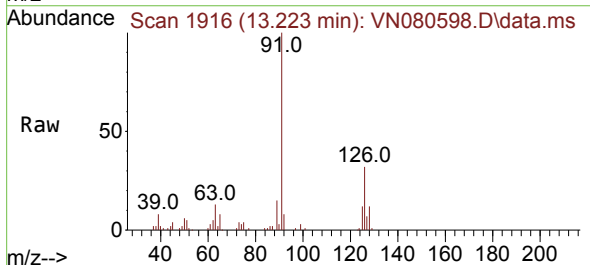
Manual Integrations
APPROVED

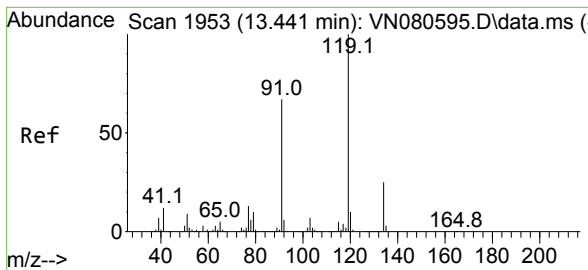
Reviewed By :John Carlone 12/28/2023
Supervised By :Semsettin Yesilyurt 01/01/2024



#82
4-Chlorotoluene
Concen: 5.228 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN080598.D
Acq: 27 Dec 2023 12:59

Tgt Ion: 91 Resp: 75689
Ion Ratio Lower Upper
91 100
126 33.5 16.7 50.0





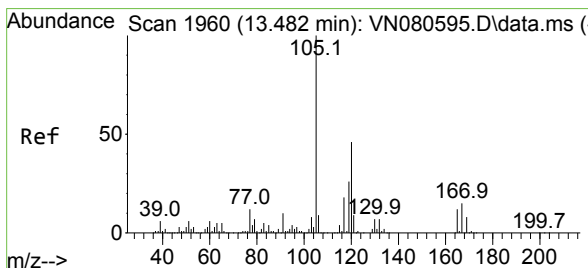
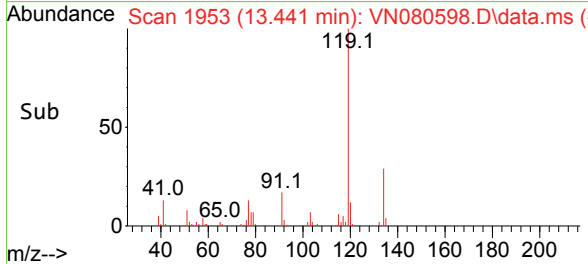
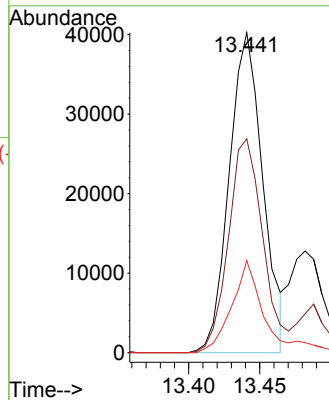
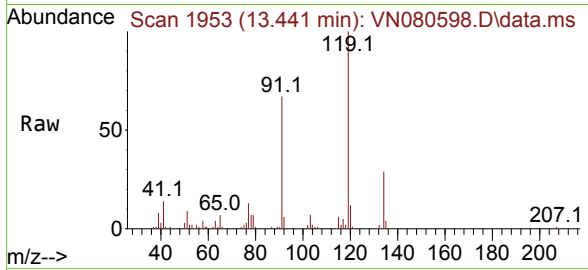
#83
tert-Butylbenzene
Concen: 4.953 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN080598.D
Acq: 27 Dec 2023 12:59

Instrument : MSVOA_N
ClientSampleId : VSTDIC005

Tgt Ion:119 Resp: 66279
Ion Ratio Lower Upper
119 100
91 68.6 33.9 101.7
134 28.1 13.2 39.6

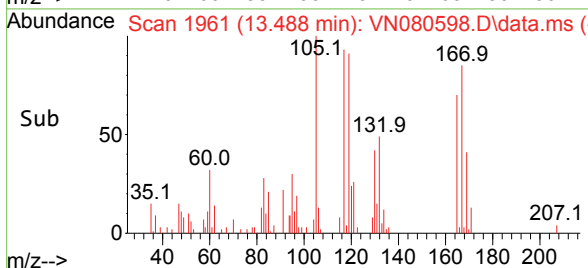
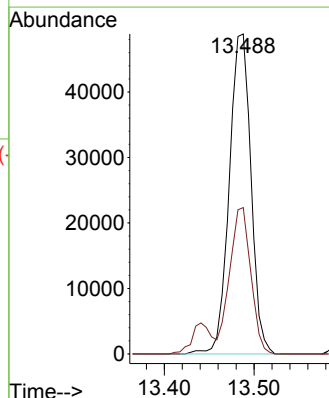
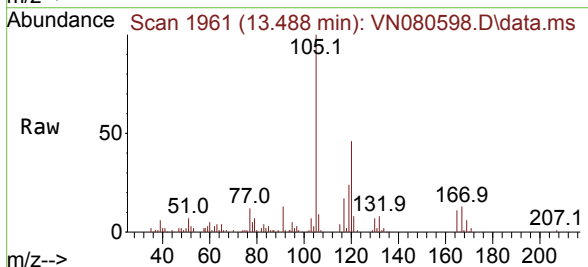
Manual Integrations
APPROVED

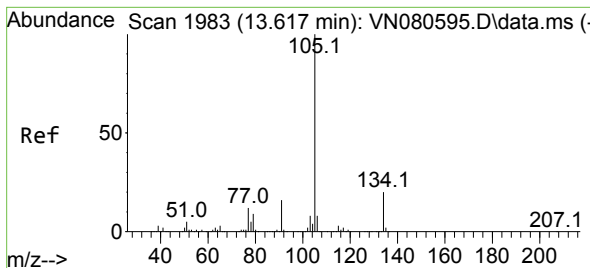
Reviewed By :John Carlone 12/28/2023
Supervised By :Semsettin Yesilyurt 01/01/2024



#84
1,2,4-Trimethylbenzene
Concen: 5.058 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.006 min
Lab File: VN080598.D
Acq: 27 Dec 2023 12:59

Tgt Ion:105 Resp: 81994
Ion Ratio Lower Upper
105 100
120 44.5 22.0 66.0





#85

sec-Butylbenzene

Concen: 4.953 ug/l

RT: 13.617 min Scan# 1983

Delta R.T. -0.000 min

Lab File: VN080598.D

Acq: 27 Dec 2023 12:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion:105 Resp: 8770

Ion Ratio Lower Upper

105 100

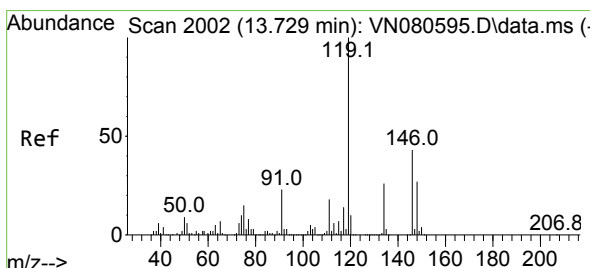
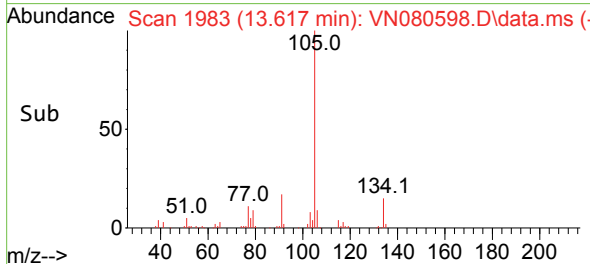
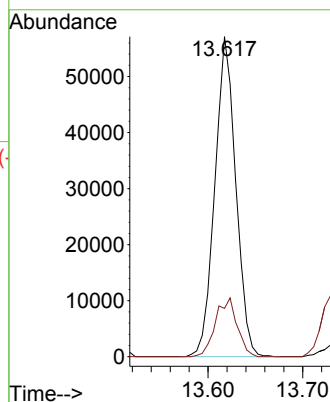
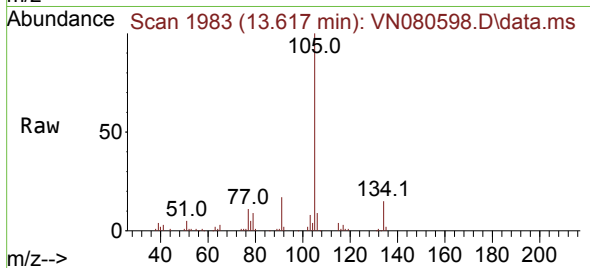
134 19.0 9.8 29.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/28/2023

Supervised By :Semsettin Yesilyurt 01/01/2024



#86

p-Isopropyltoluene

Concen: 5.102 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. 0.000 min

Lab File: VN080598.D

Acq: 27 Dec 2023 12:59

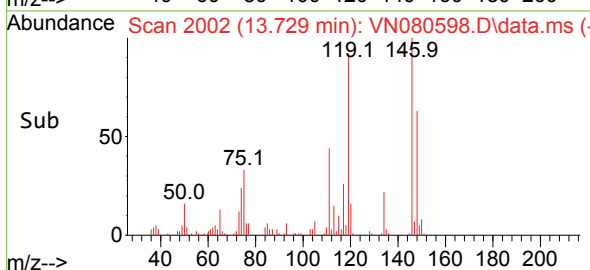
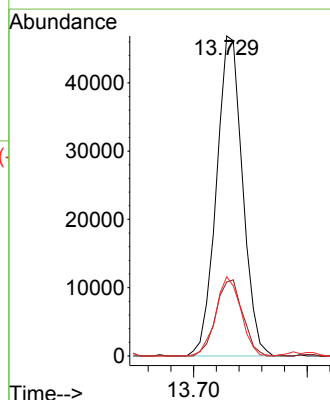
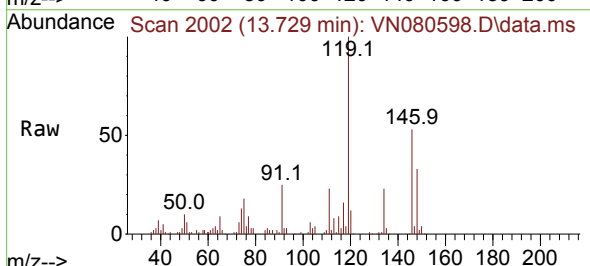
Tgt Ion:119 Resp: 74895

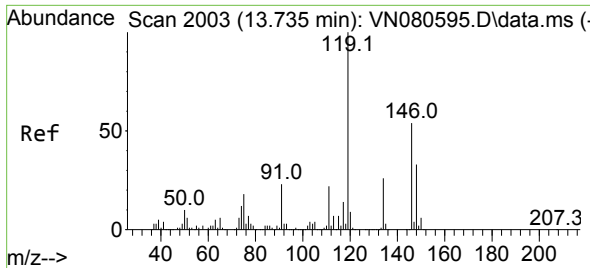
Ion Ratio Lower Upper

119 100

134 24.3 12.6 37.8

91 23.9 12.4 37.2





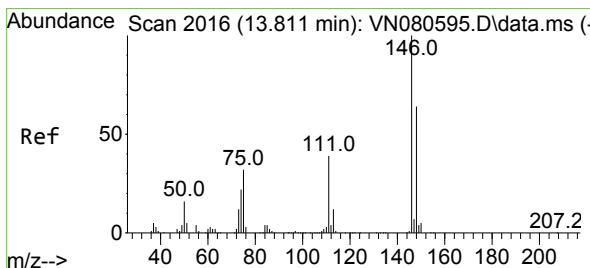
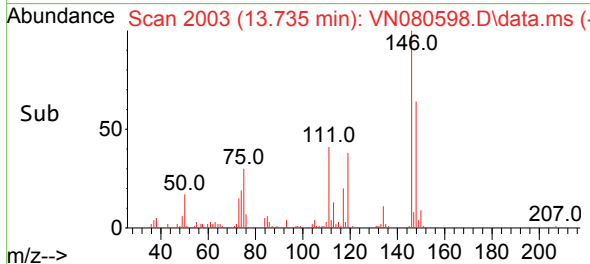
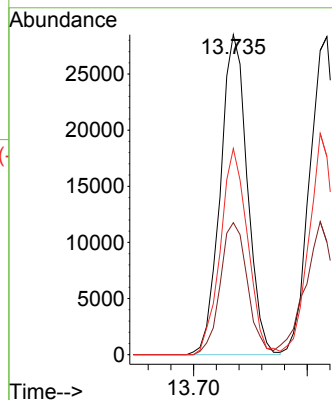
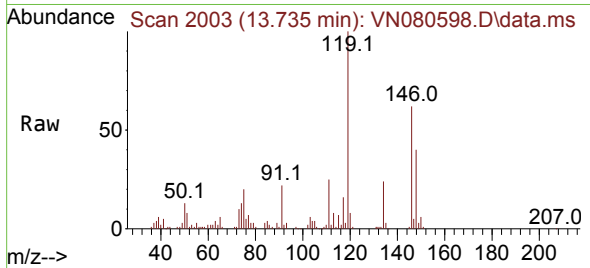
#87
 1,3-Dichlorobenzene
 Concen: 5.179 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. -0.000 min
 Lab File: VN080598.D
 Acq: 27 Dec 2023 12:59

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Tgt Ion:146 Resp: 47008
 Ion Ratio Lower Upper
 146 100
 111 41.8 22.1 66.3
 148 65.2 32.0 96.0

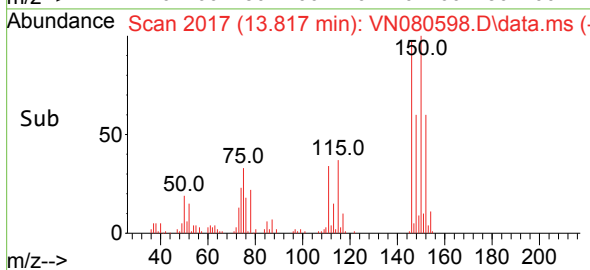
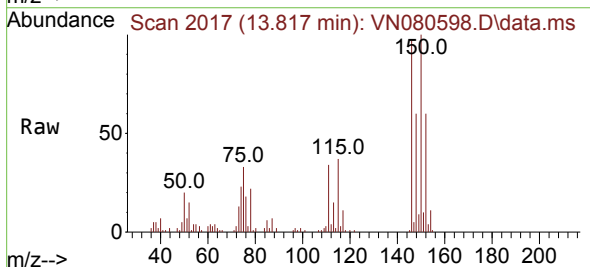
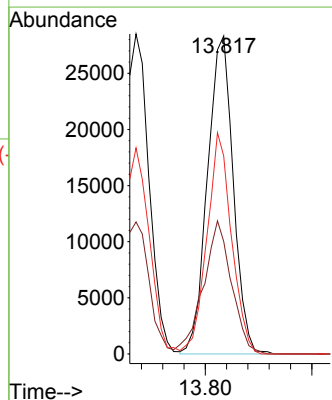
Manual Integrations
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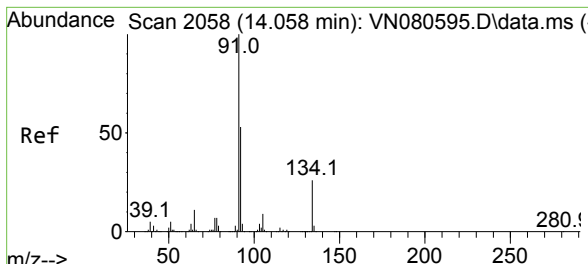
Reviewed By :John Carlone 12/28/2023
 Supervised By :Semsettin Yesilyurt 01/01/2024



#88
 1,4-Dichlorobenzene
 Concen: 5.216 ug/l
 RT: 13.817 min Scan# 2017
 Delta R.T. 0.006 min
 Lab File: VN080598.D
 Acq: 27 Dec 2023 12:59

Tgt Ion:146 Resp: 47590
 Ion Ratio Lower Upper
 146 100
 111 46.0 20.6 61.8
 148 66.5 31.6 94.8





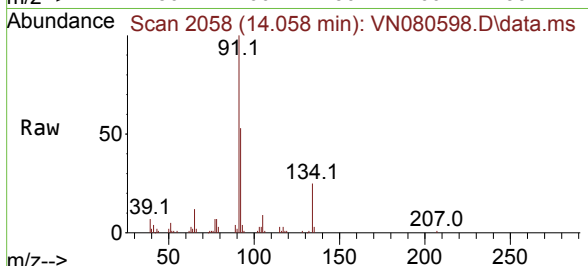
#89
 n-Butylbenzene
 Concen: 4.727 ug/l
 RT: 14.058 min Scan# 2058
 Delta R.T. -0.000 min
 Lab File: VN080598.D
 Acq: 27 Dec 2023 12:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005



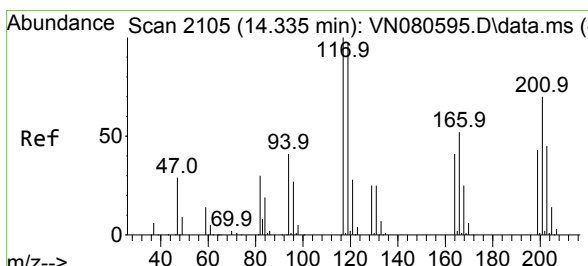
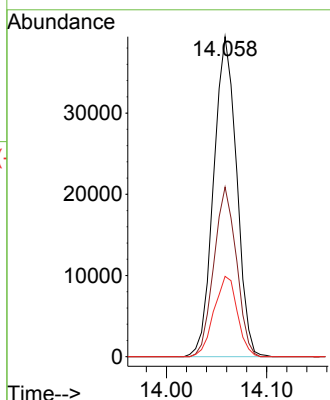
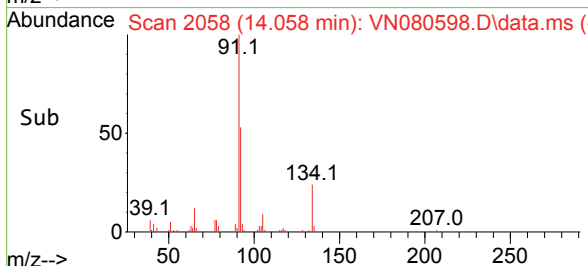
Tgt Ion:	91	Resp:	6255
Ion	Ratio	Lower	Upper
91	100		
92	52.0	26.4	79.0
134	25.5	12.6	37.6

Manual Integrations

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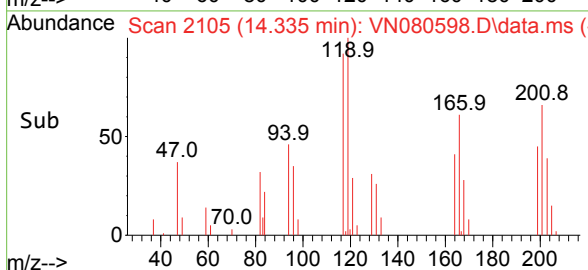
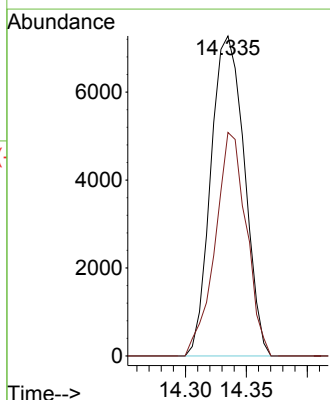
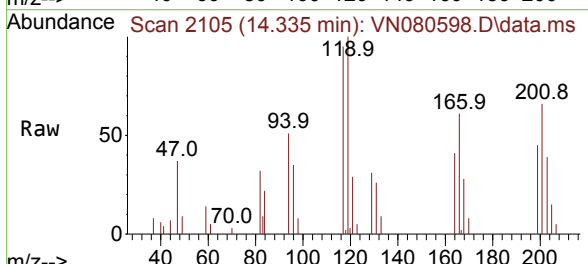
Reviewed By :John Carlone 12/28/2023

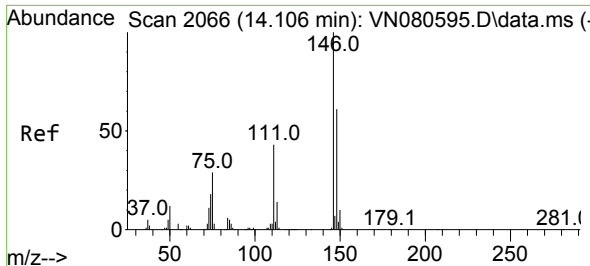
Supervised By :Semsettin Yesilyurt 01/01/2024



#90
 Hexachloroethane
 Concen: 5.040 ug/l
 RT: 14.335 min Scan# 2105
 Delta R.T. -0.000 min
 Lab File: VN080598.D
 Acq: 27 Dec 2023 12:59

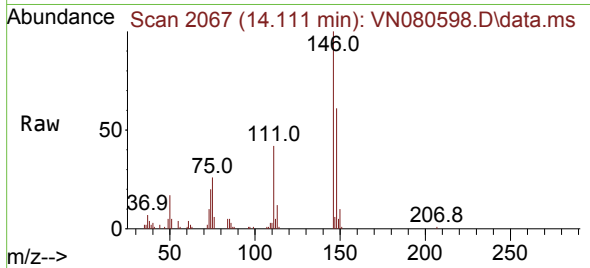
Tgt Ion:	117	Resp:	13930
Ion	Ratio	Lower	Upper
117	100		
201	65.2	29.3	88.0





#91
1,2-Dichlorobenzene
Concen: 5.132 ug/l
RT: 14.111 min Scan# 2067
Delta R.T. 0.006 min
Lab File: VN080598.D
Acq: 27 Dec 2023 12:59

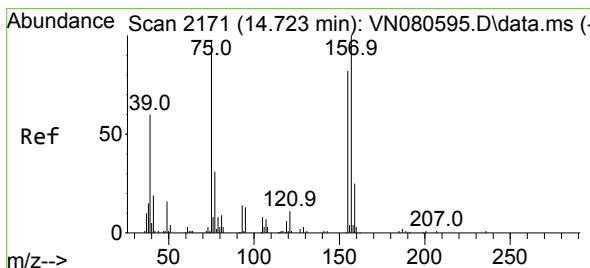
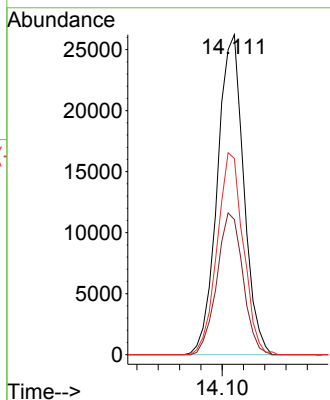
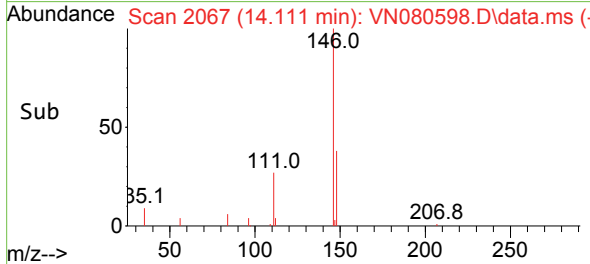
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion:146 Resp: 4495
Ion Ratio Lower Upper
146 100
111 43.8 22.0 66.0
148 62.7 31.8 95.3

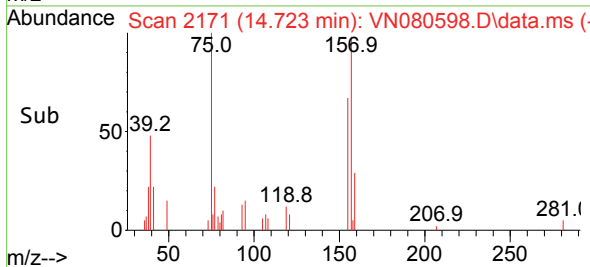
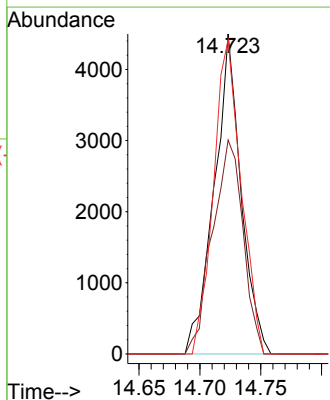
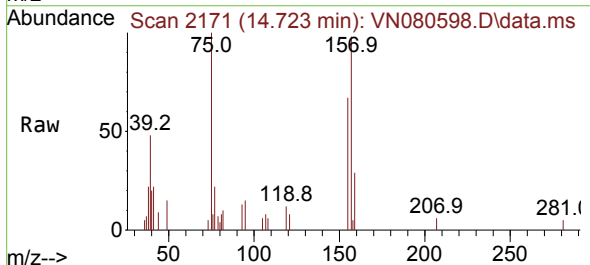
Manual Integrations
APPROVED

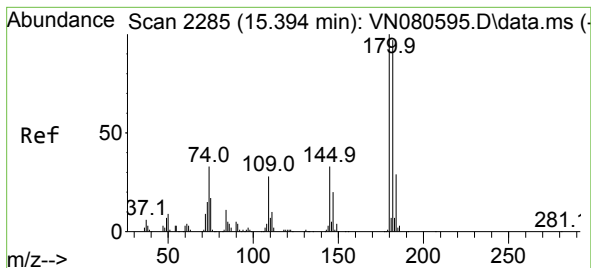
Reviewed By :John Carlone 12/28/2023
Supervised By :Semsettin Yesilyurt 01/01/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 5.096 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. -0.000 min
Lab File: VN080598.D
Acq: 27 Dec 2023 12:59

Tgt Ion: 75 Resp: 6882
Ion Ratio Lower Upper
75 100
155 76.2 39.1 117.2
157 101.3 50.3 150.9





#93

1,2,4-Trichlorobenzene

Concen: 5.153 ug/l

RT: 15.394 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN080598.D

Acq: 27 Dec 2023 12:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

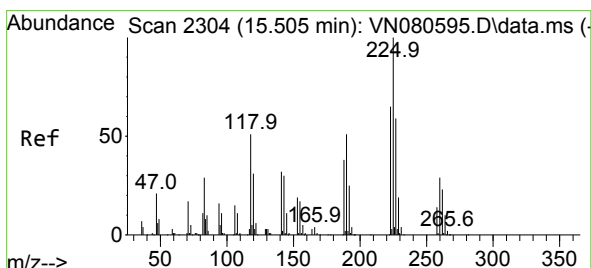
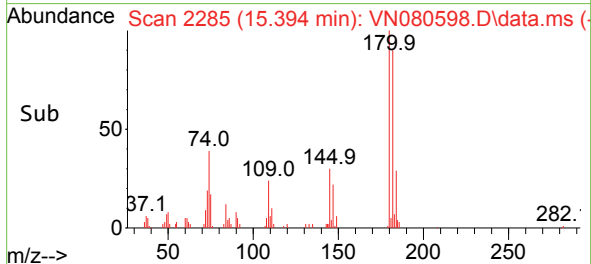
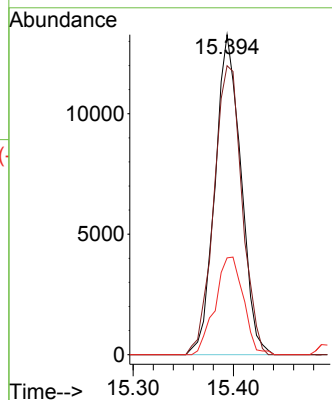
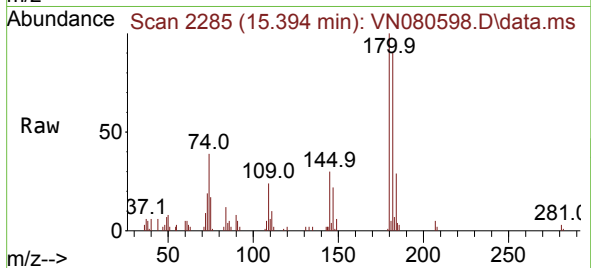
Tgt Ion:	180	Resp:	23810
Ion Ratio	Lower	Upper	
180	100		
182	98.0	46.1	138.2
145	33.3	16.6	49.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/28/2023

Supervised By :Semsettin Yesilyurt 01/01/2024



#94

Hexachlorobutadiene

Concen: 4.992 ug/l

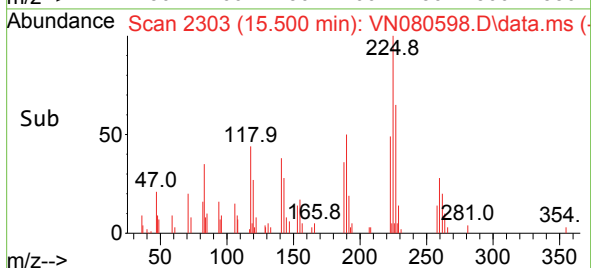
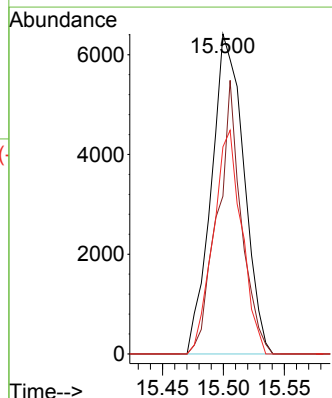
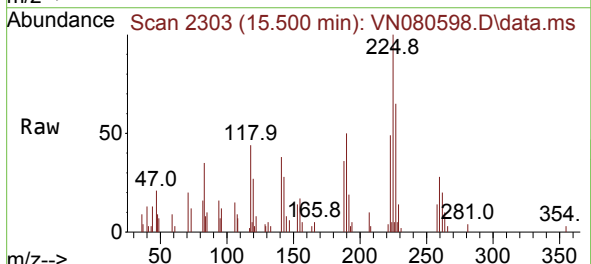
RT: 15.500 min Scan# 2303

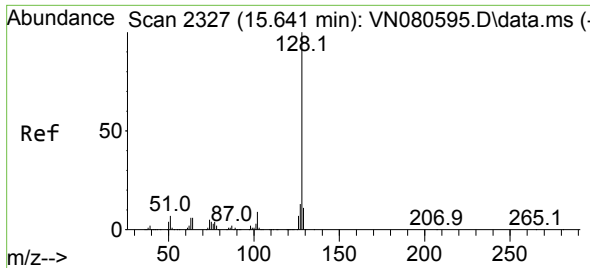
Delta R.T. -0.006 min

Lab File: VN080598.D

Acq: 27 Dec 2023 12:59

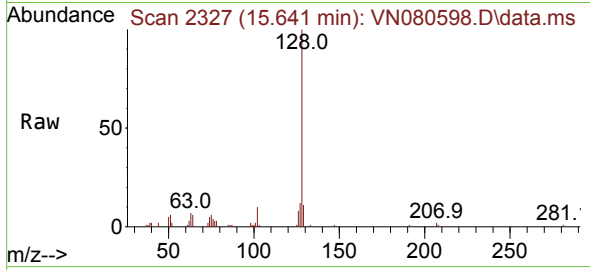
Tgt Ion:	225	Resp:	11907
Ion Ratio	Lower	Upper	
225	100		
223	63.2	31.3	93.8
227	61.4	31.9	95.9





#95
Naphthalene
Concen: 4.834 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. -0.000 min
Lab File: VN080598.D
Acq: 27 Dec 2023 12:59

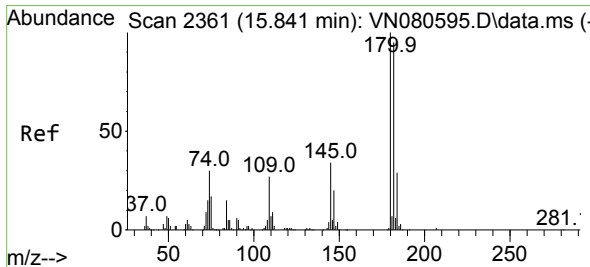
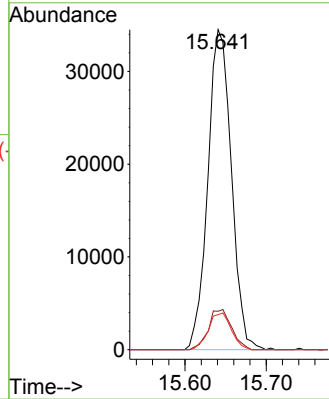
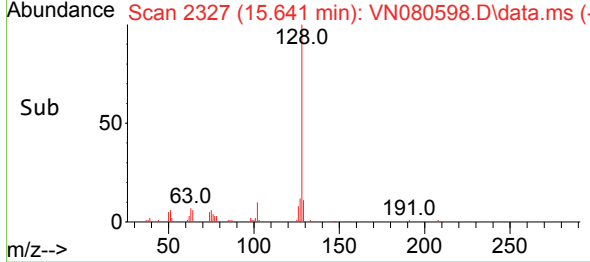
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



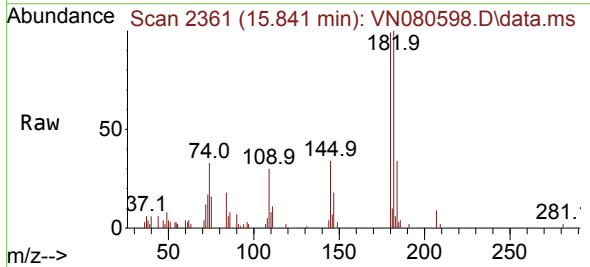
Tgt Ion:128 Resp: 69538
Ion Ratio Lower Upper
128 100
127 12.4 10.0 15.0
129 11.2 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/28/2023
Supervised By :Semsettin Yesilyurt 01/01/2024



#96
1,2,3-Trichlorobenzene
Concen: 4.836 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. -0.000 min
Lab File: VN080598.D
Acq: 27 Dec 2023 12:59



Tgt Ion:180 Resp: 22598
Ion Ratio Lower Upper
180 100
182 93.7 46.2 138.6
145 34.4 17.5 52.6

