

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120823\
 Data File : VN080425.D
 Acq On : 08 Dec 2023 22:42
 Operator : JC\MD
 Sample : VN1208MBS01
 Misc : 5.0g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1208MBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 12/12/2023
 Supervised By :Semsettin Yesilyurt 12/12/2023

Quant Time: Dec 09 04:29:29 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N111623W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 17 01:19:32 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	342821	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	570727	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	508741	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	209637	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	252369	44.584	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	89.160%		
35) Dibromofluoromethane	8.165	113	200159	47.530	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.060%		
50) Toluene-d8	10.570	98	707741	46.621	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	93.240%		
62) 4-Bromofluorobenzene	12.853	95	263017	45.870	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	91.740%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	75912	14.866	ug/l	100
3) Chloromethane	2.365	50	96338	25.093	ug/l	98
4) Vinyl Chloride	2.518	62	74103	18.239	ug/l	98
5) Bromomethane	2.959	94	31703	11.494	ug/l #	80
6) Chloroethane	3.124	64	51797	19.536	ug/l	99
7) Trichlorofluoromethane	3.500	101	134215	15.836	ug/l	95
8) Diethyl Ether	3.959	74	50758	20.592	ug/l	89
9) 1,1,2-Trichlorotrifluo...	4.377	101	60535	15.626	ug/l	94
10) Methyl Iodide	4.594	142	53031	12.667	ug/l	99
11) Tert butyl alcohol	5.518	59	67107	107.806	ug/l	99
12) 1,1-Dichloroethene	4.336	96	68406	18.879	ug/l	89
13) Acrolein	4.177	56	62708	113.831	ug/l	99
14) Allyl chloride	5.018	41	90619	19.878	ug/l	98
15) Acrylonitrile	5.718	53	169579	101.479	ug/l	99
16) Acetone	4.430	43	121081	63.686	ug/l	93
17) Carbon Disulfide	4.712	76	173392	16.027	ug/l	98
18) Methyl Acetate	5.024	43	122804	20.103	ug/l	97
19) Methyl tert-butyl Ether	5.788	73	269547	21.065	ug/l	97
20) Methylene Chloride	5.271	84	87106	21.878	ug/l	96
21) trans-1,2-Dichloroethene	5.788	96	74480	18.711	ug/l #	82
22) Diisopropyl ether	6.671	45	225073	22.315	ug/l	93
23) Vinyl Acetate	6.606	43	606680	100.054	ug/l	94
24) 1,1-Dichloroethane	6.565	63	145456	19.801	ug/l	99
25) 2-Butanone	7.482	43	195693	86.632	ug/l	92
26) 2,2-Dichloropropane	7.488	77	126660	17.379	ug/l	98
27) cis-1,2-Dichloroethene	7.488	96	92833	20.570	ug/l	90
28) Bromochloromethane	7.818	49	51172	17.719	ug/l	95
29) Tetrahydrofuran	7.841	42	125008	103.079	ug/l	91
30) Chloroform	7.965	83	162906	19.841	ug/l	89
31) Cyclohexane	8.259	56	94586	15.365	ug/l	89
32) 1,1,1-Trichloroethane	8.171	97	147505	18.422	ug/l	95
36) 1,1-Dichloropropene	8.371	75	106096	17.401	ug/l	96
37) Ethyl Acetate	7.559	43	78732	18.617	ug/l	97
38) Carbon Tetrachloride	8.365	117	120779	15.610	ug/l	98
39) Methylcyclohexane	9.606	83	93169	15.848	ug/l	93
40) Benzene	8.606	78	337046	19.450	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	47200	20.323	ug/l	92
42) 1,2-Dichloroethane	8.671	62	131218	18.509	ug/l	98
43) Isopropyl Acetate	8.688	43	149033	18.109	ug/l	98
44) Trichloroethene	9.353	130	88480	19.466	ug/l	94
45) 1,2-Dichloropropane	9.623	63	82759	20.551	ug/l	92
46) Dibromomethane	9.712	93	59310	19.457	ug/l	90
47) Bromodichloromethane	9.894	83	126888	18.923	ug/l	99
48) Methyl methacrylate	9.682	41	86207	20.327	ug/l	87
49) 1,4-Dioxane	9.694	88	25670	363.826	ug/l #	83
51) 4-Methyl-2-Pentanone	10.447	43	421974	99.038	ug/l	100
52) Toluene	10.629	92	214128	19.745	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	135584	19.680	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	141625	20.122	ug/l	96
55) 1,1,2-Trichloroethane	11.018	97	83854	20.259	ug/l	98
56) Ethyl methacrylate	10.876	69	94949	22.455	ug/l #	90
57) 1,3-Dichloropropane	11.165	76	150359	20.807	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	282170	118.453	ug/l	97
59) 2-Hexanone	11.194	43	305986	89.372	ug/l	99
60) Dibromochloromethane	11.359	129	96735	19.522	ug/l	97
61) 1,2-Dibromoethane	11.470	107	84376	19.982	ug/l	99
64) Tetrachloroethene	11.106	164	75611	19.475	ug/l	97
65) Chlorobenzene	11.894	112	223855	19.419	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	86352	19.303	ug/l	93
67) Ethyl Benzene	11.965	91	387721	18.901	ug/l	96
68) m/p-Xylenes	12.070	106	287888	38.492	ug/l	90
69) o-Xylene	12.400	106	144869	20.553	ug/l	90
70) Styrene	12.412	104	215858	20.576	ug/l	95
71) Bromoform	12.582	173	62181	18.743	ug/l #	99
73) Isopropylbenzene	12.694	105	355315	21.811	ug/l	99
74) N-amyl acetate	12.494	43	124489	24.505	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.941	83	104384	21.409	ug/l	97
76) 1,2,3-Trichloropropane	12.994	75	99467m	19.365	ug/l	
77) Bromobenzene	12.982	156	89499	21.791	ug/l	98
78) n-propylbenzene	13.035	91	381564	20.946	ug/l	99
79) 2-Chlorotoluene	13.123	91	256854	21.710	ug/l	97
80) 1,3,5-Trimethylbenzene	13.176	105	297639	20.989	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.741	75	35040	23.048	ug/l #	83
82) 4-Chlorotoluene	13.223	91	252948	20.869	ug/l	96
83) tert-Butylbenzene	13.441	119	240358	21.136	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	300973	21.554	ug/l	97
85) sec-Butylbenzene	13.617	105	296629	20.620	ug/l	100
86) p-Isopropyltoluene	13.729	119	267172	20.790	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	136929	18.505	ug/l	98
88) 1,4-Dichlorobenzene	13.811	146	139125	18.709	ug/l	97
89) n-Butylbenzene	14.059	91	206291	19.179	ug/l	100
90) Hexachloroethane	14.335	117	29290	11.691	ug/l	70
91) 1,2-Dichlorobenzene	14.106	146	130985	18.498	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	19722	17.415	ug/l	97
93) 1,2,4-Trichlorobenzene	15.394	180	69347	16.838	ug/l	98
94) Hexachlorobutadiene	15.500	225	29478	12.438	ug/l	95
95) Naphthalene	15.641	128	235430	19.713	ug/l	98
96) 1,2,3-Trichlorobenzene	15.841	180	68047	17.628	ug/l	96

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Quant Title : SW846 8260
QLast Update : Fri Nov 17 01:19:32 2023
Response via : Initial Calibration

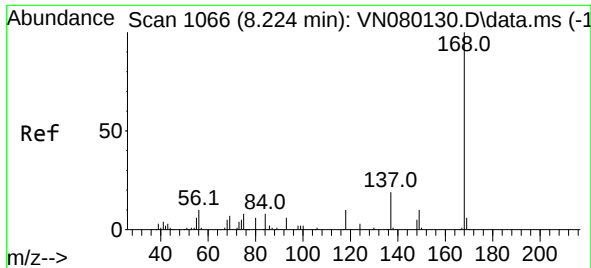
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integrations

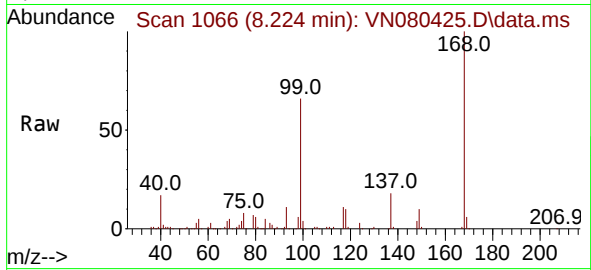
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN080425.D
Acq: 08 Dec 2023 22:42

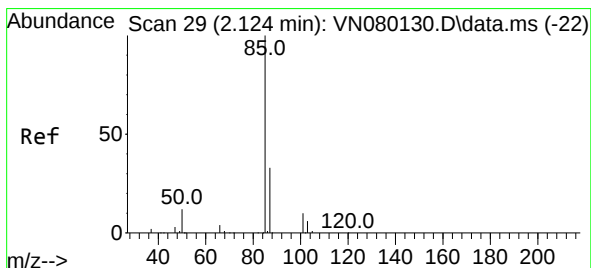
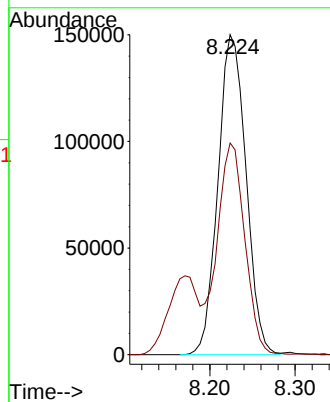
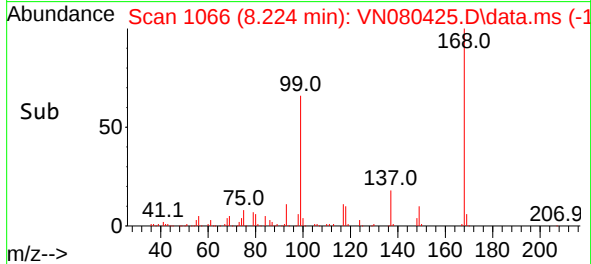
Instrument :
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Tgt Ion:168 Resp: 34282
Ion Ratio Lower Upper
168 100
99 65.8 53.0 79.6

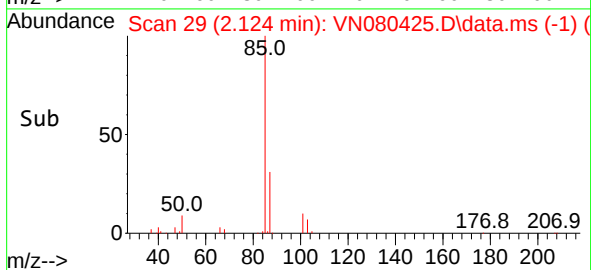
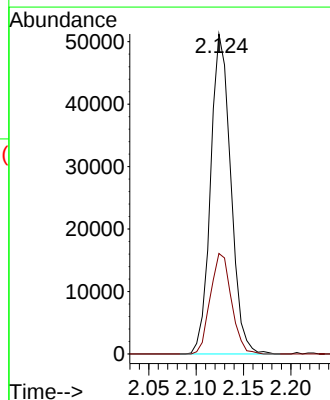
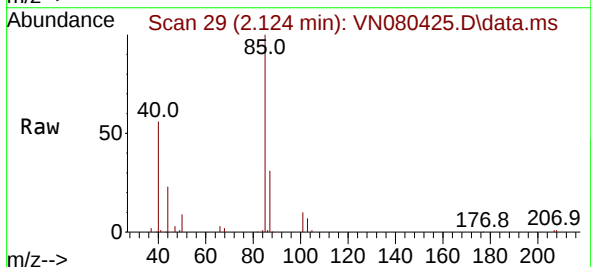
Manual Integrations
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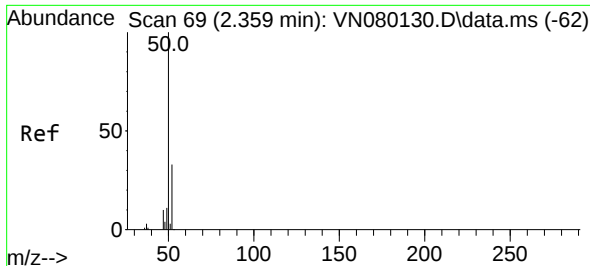
Reviewed By :Mahesh Dadoda 12/12/2023
Supervised By :Semsettin Yesilyurt 12/12/2023



#2
Dichlorodifluoromethane
Concen: 14.866 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN080425.D
Acq: 08 Dec 2023 22:42

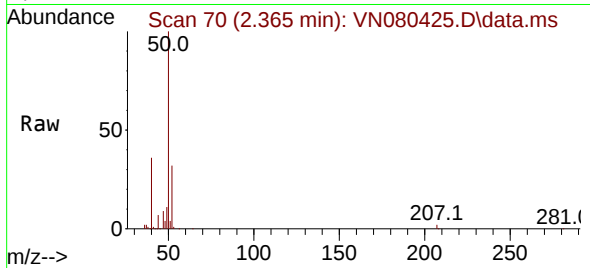
Tgt Ion: 85 Resp: 75912
Ion Ratio Lower Upper
85 100
87 31.4 15.8 47.4





#3
Chloromethane
Concen: 25.093 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN080425.D
Acq: 08 Dec 2023 22:42

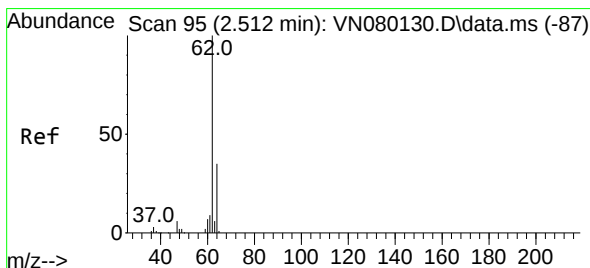
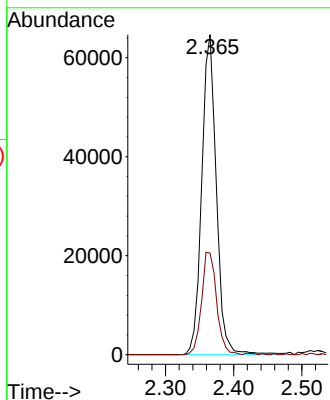
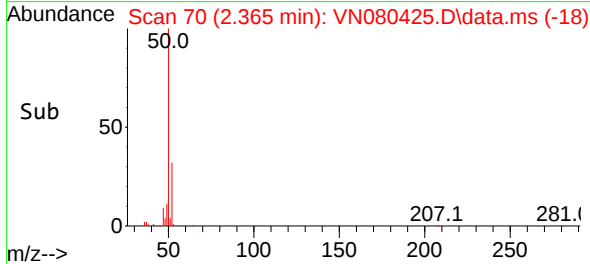
Instrument :
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ClientSampleId :
VN1208MBS01



Tgt Ion: 50 Resp: 96338
Ion Ratio Lower Upper
50 100
52 31.7 26.5 39.7

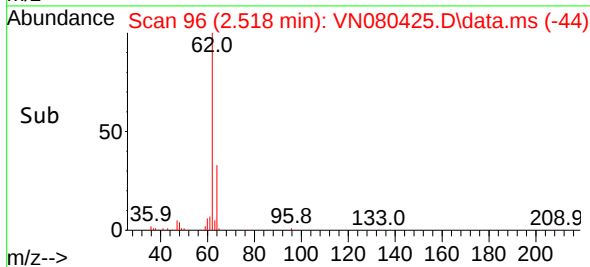
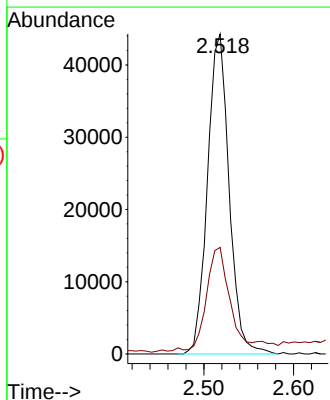
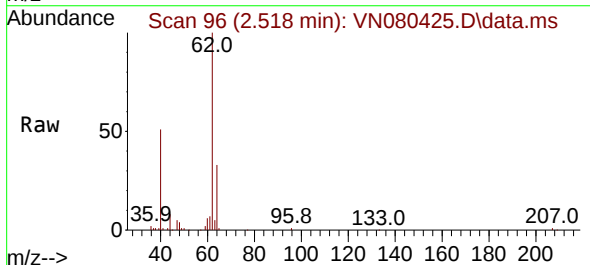
Manual Integrations
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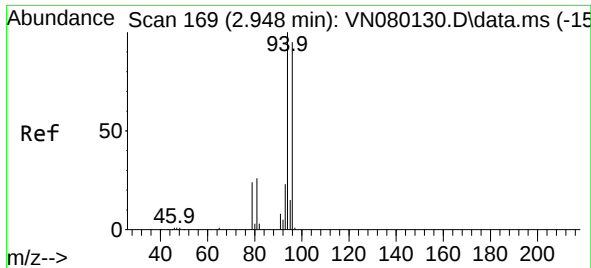
Reviewed By :Mahesh Dadoda 12/12/2023
Supervised By :Semsettin Yesilyurt 12/12/2023



#4
Vinyl Chloride
Concen: 18.239 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN080425.D
Acq: 08 Dec 2023 22:42

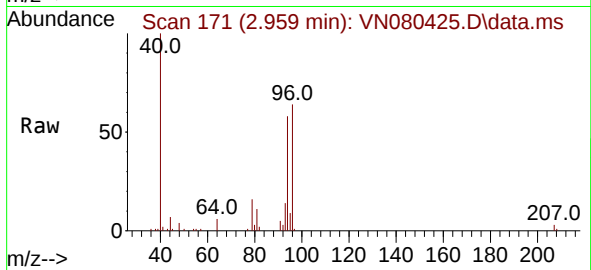
Tgt Ion: 62 Resp: 74103
Ion Ratio Lower Upper
62 100
64 31.4 26.2 39.2





#5
Bromomethane
Concen: 11.494 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN080425.D
Acq: 08 Dec 2023 22:42

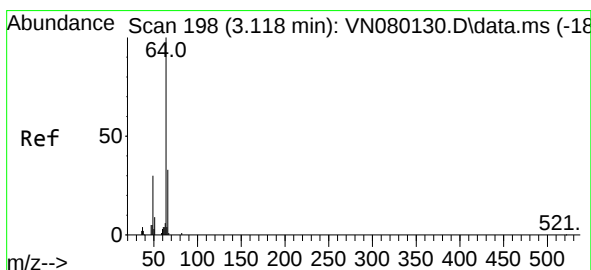
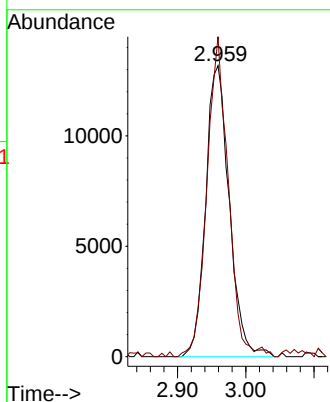
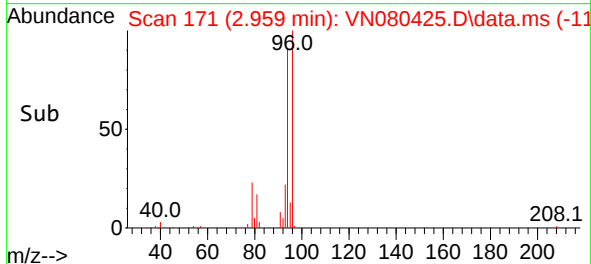
Instrument :
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Tgt Ion: 94 Resp: 3170
Ion Ratio Lower Upper
94 100
96 109.9 73.1 109.7

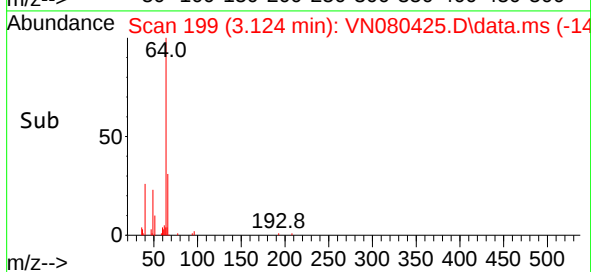
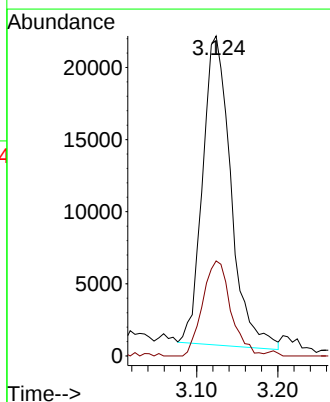
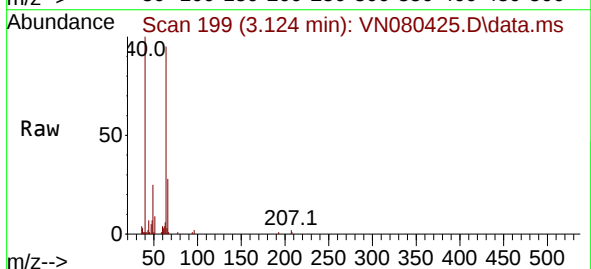
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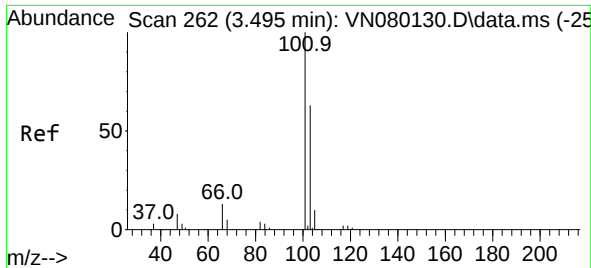
Reviewed By :Mahesh Dadoda 12/12/2023
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#6
Chloroethane
Concen: 19.536 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.006 min
Lab File: VN080425.D
Acq: 08 Dec 2023 22:42

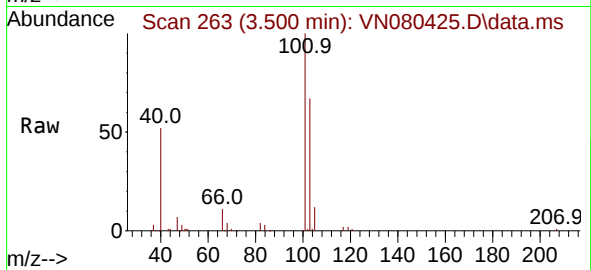
Tgt Ion: 64 Resp: 51797
Ion Ratio Lower Upper
64 100
66 31.0 25.4 38.2





#7
Trichlorofluoromethane
Concen: 15.836 ug/l
RT: 3.500 min Scan# 263
Delta R.T. 0.006 min
Lab File: VN080425.D
Acq: 08 Dec 2023 22:42

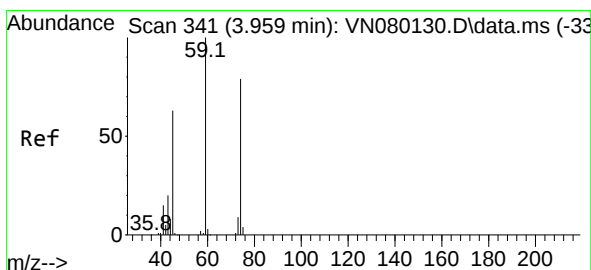
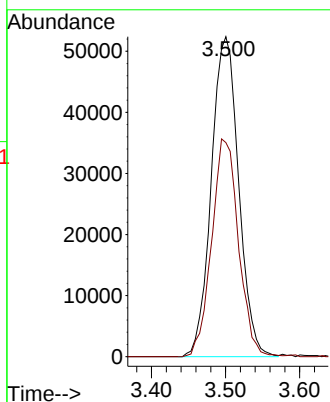
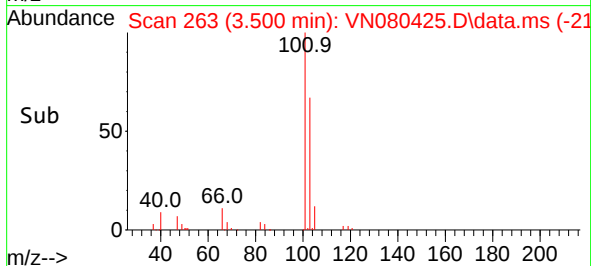
Instrument :
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ClientSampleId :
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Tgt Ion:101 Resp: 134215
Ion Ratio Lower Upper
101 100
103 66.9 50.7 76.1

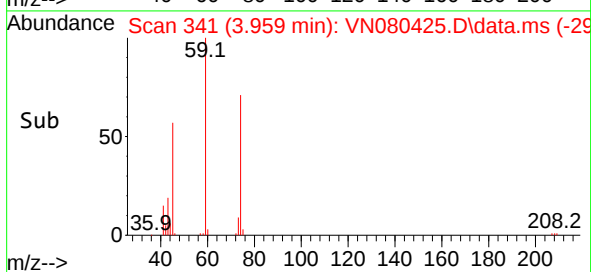
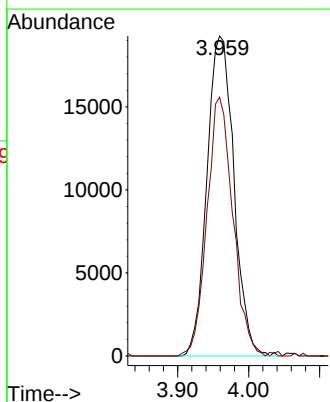
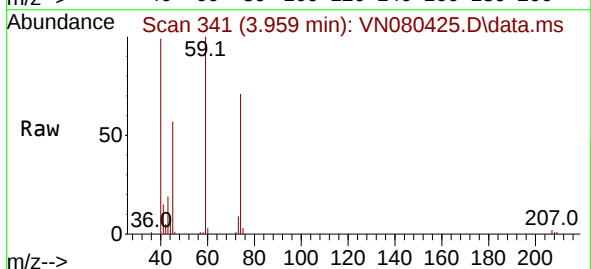
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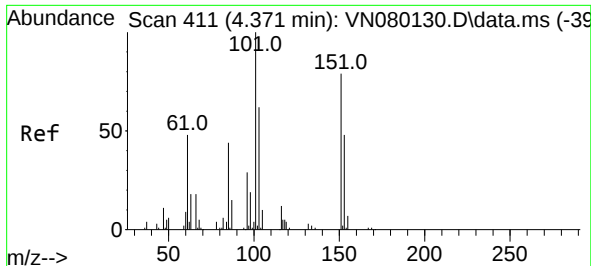
Reviewed By :Mahesh Dadoda 12/12/2023
Supervised By :Semsettin Yesilyurt 12/12/2023



#8
Diethyl Ether
Concen: 20.592 ug/l
RT: 3.959 min Scan# 341
Delta R.T. -0.000 min
Lab File: VN080425.D
Acq: 08 Dec 2023 22:42

Tgt Ion: 74 Resp: 50758
Ion Ratio Lower Upper
74 100
45 77.6 34.4 103.3





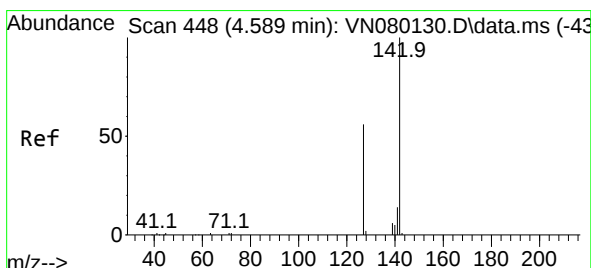
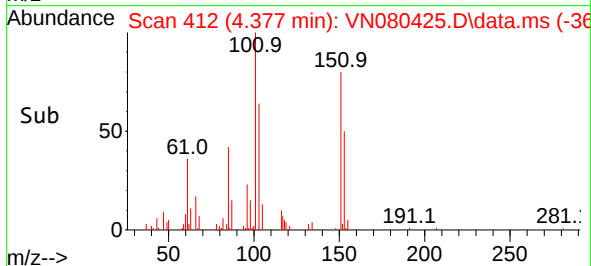
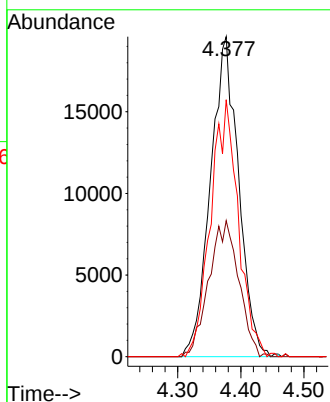
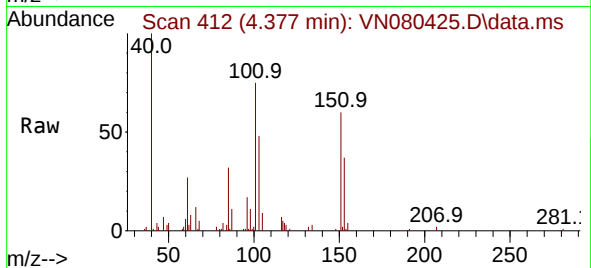
#9
1,1,2-Trichlorotrifluoroethane
Concen: 15.626 ug/l
RT: 4.377 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN080425.D
Acq: 08 Dec 2023 22:42

Instrument :
MSVOA_N
ClientSampleId :
VN1208MBS01

Tgt Ion:101 Resp: 6053
Ion Ratio Lower Upper
101 100
85 45.4 36.6 55.0
151 79.2 57.6 86.4

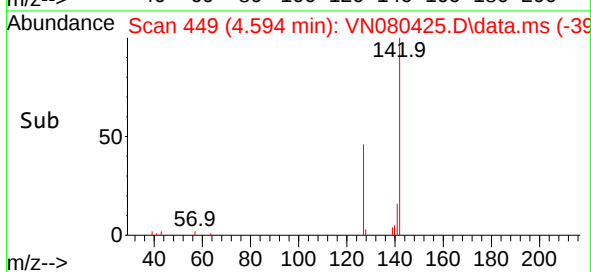
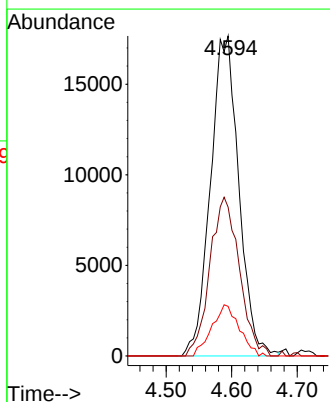
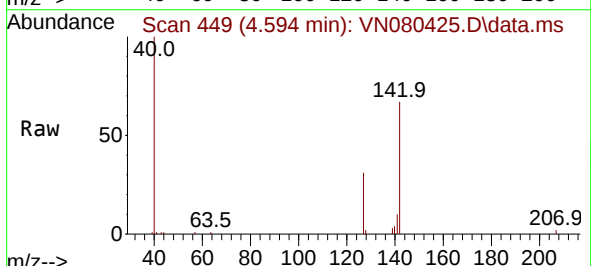
Manual Integrations
APPROVED

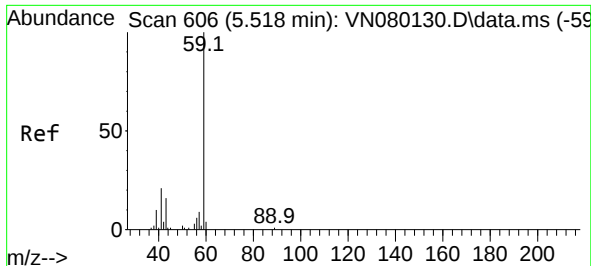
Reviewed By :Mahesh Dadoda 12/12/2023
Supervised By :Semsettin Yesilyurt 12/12/2023



#10
Methyl Iodide
Concen: 12.667 ug/l
RT: 4.594 min Scan# 449
Delta R.T. 0.006 min
Lab File: VN080425.D
Acq: 08 Dec 2023 22:42

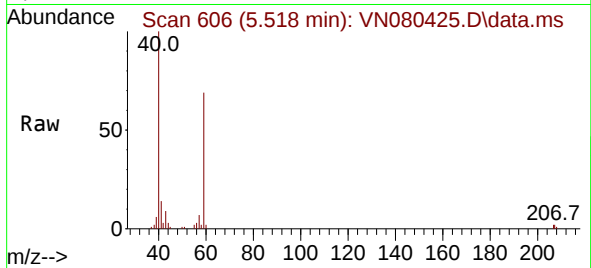
Tgt Ion:142 Resp: 53031
Ion Ratio Lower Upper
142 100
127 46.5 37.6 56.4
141 15.5 11.4 17.0





#11
Tert butyl alcohol
Concen: 107.806 ug/l
RT: 5.518 min Scan# 606
Delta R.T. -0.000 min
Lab File: VN080425.D
Acq: 08 Dec 2023 22:42

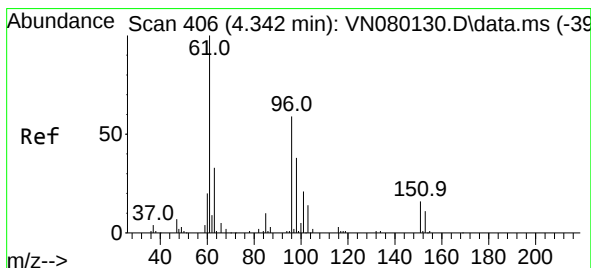
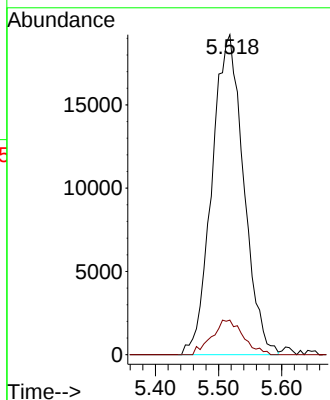
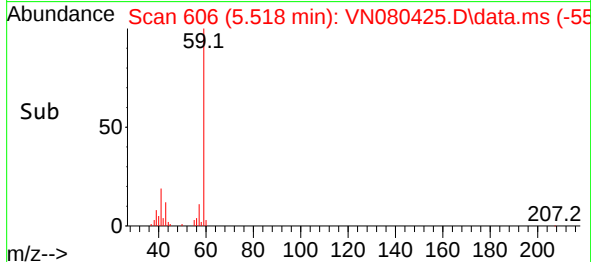
Instrument :
MSVOA_N
ClientSampleId :
VN1208MBS01



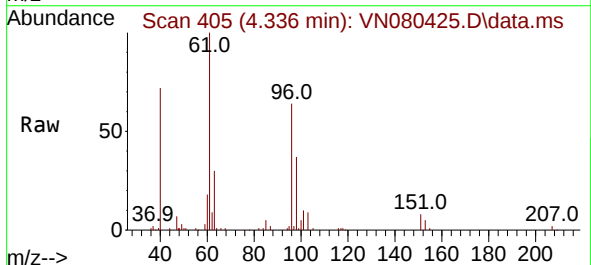
Tgt Ion: 59 Resp: 6710
Ion Ratio Lower Upper
59 100
57 10.7 8.2 12.4

Manual Integrations
APPROVED

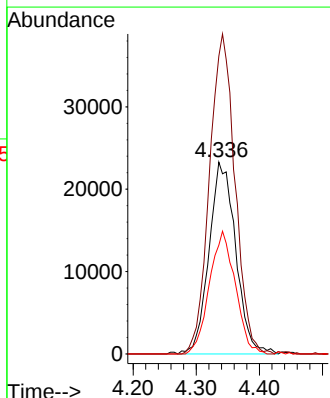
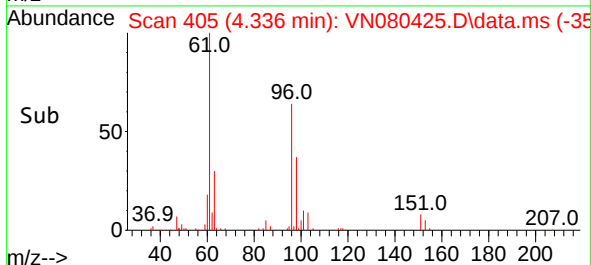
Reviewed By :Mahesh Dadoda 12/12/2023
Supervised By :Semsettin Yesilyurt 12/12/2023

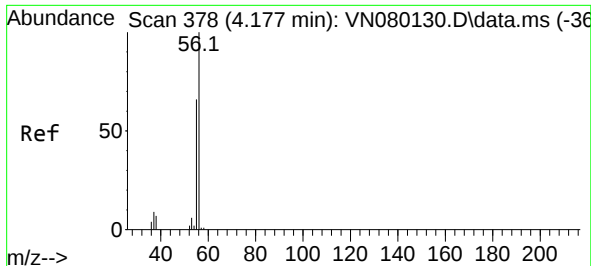


#12
1,1-Dichloroethene
Concen: 18.879 ug/l
RT: 4.336 min Scan# 405
Delta R.T. -0.006 min
Lab File: VN080425.D
Acq: 08 Dec 2023 22:42



Tgt Ion: 96 Resp: 68406
Ion Ratio Lower Upper
96 100
61 155.2 112.7 169.1
98 56.7 51.2 76.8





#13

Acrolein

Concen: 113.831 ug/l

RT: 4.177 min Scan# 31

Delta R.T. -0.000 min

Lab File: VN080425.D

Acq: 08 Dec 2023 22:42

Instrument :

MSVOA_N

ClientSampleId :

VN1208MBS01

Tgt Ion: 56 Resp: 62708

Ion Ratio Lower Upper

56 100

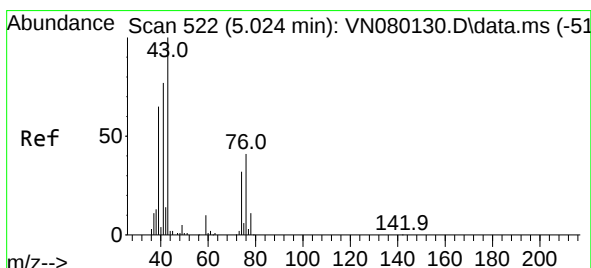
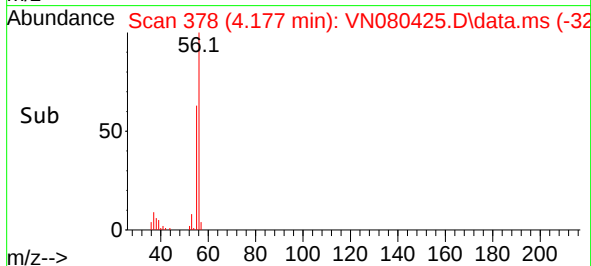
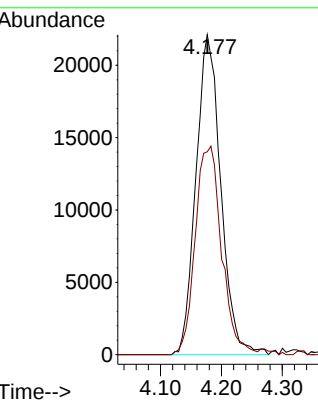
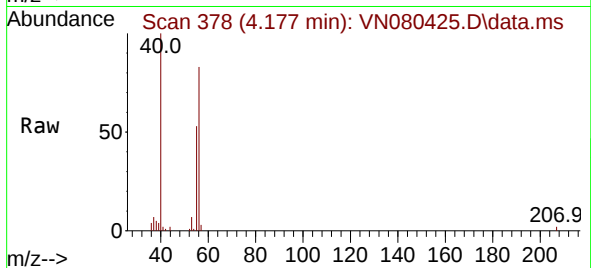
55 69.0 54.5 81.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/12/2023

Supervised By :Semsettin Yesilyurt 12/12/2023



#14

Allyl chloride

Concen: 19.878 ug/l

RT: 5.018 min Scan# 521

Delta R.T. -0.006 min

Lab File: VN080425.D

Acq: 08 Dec 2023 22:42

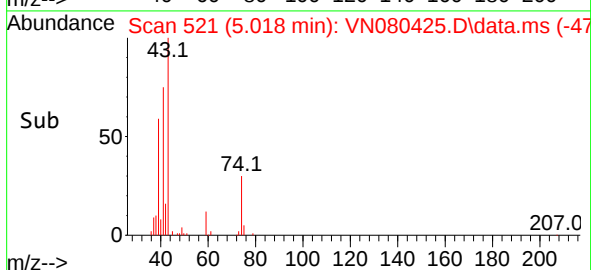
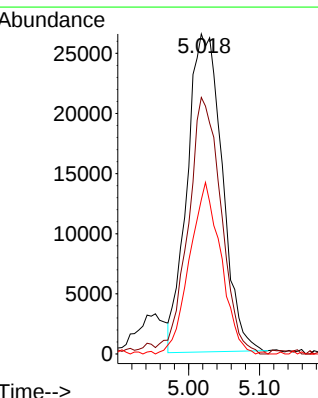
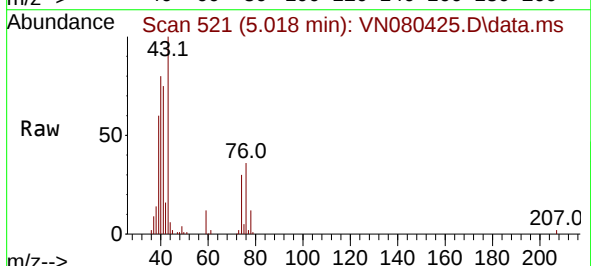
Tgt Ion: 41 Resp: 90619

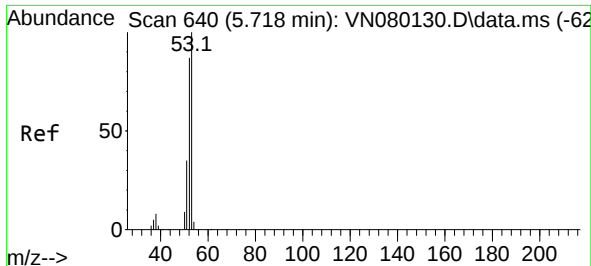
Ion Ratio Lower Upper

41 100

39 75.8 58.8 88.2

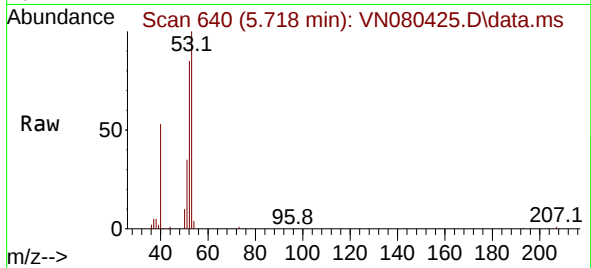
76 48.3 39.1 58.7





#15
Acrylonitrile
Concen: 101.479 ug/l
RT: 5.718 min Scan# 640
Delta R.T. -0.000 min
Lab File: VN080425.D
Acq: 08 Dec 2023 22:42

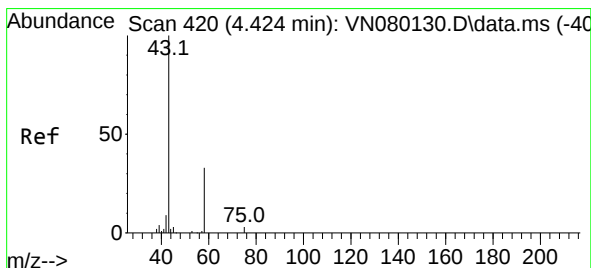
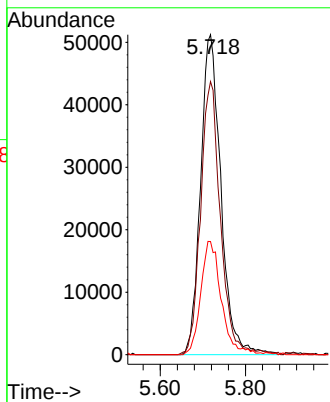
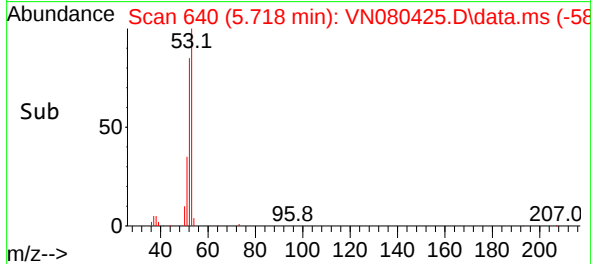
Instrument :
MSVOA_N
ClientSampleId :
VN1208MBS01



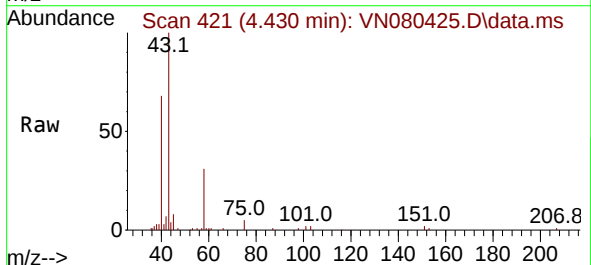
Tgt Ion: 53 Resp: 169579
Ion Ratio Lower Upper
53 100
52 82.6 65.3 97.9
51 35.7 28.9 43.3

Manual Integrations
APPROVED

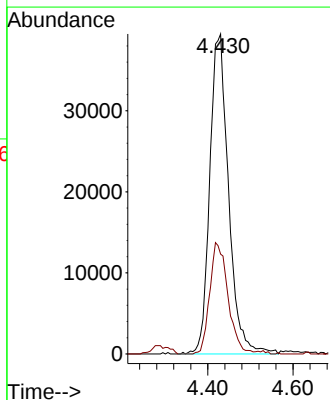
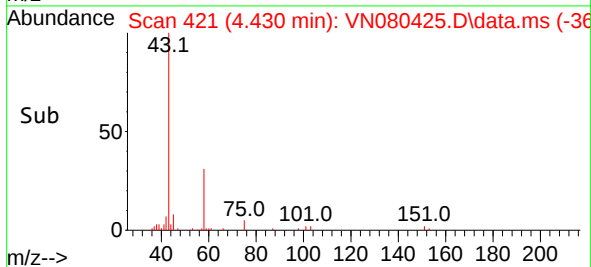
Reviewed By :Mahesh Dadoda 12/12/2023
Supervised By :Semsettin Yesilyurt 12/12/2023

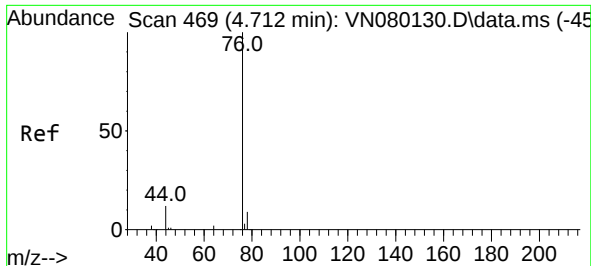


#16
Acetone
Concen: 63.686 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN080425.D
Acq: 08 Dec 2023 22:42



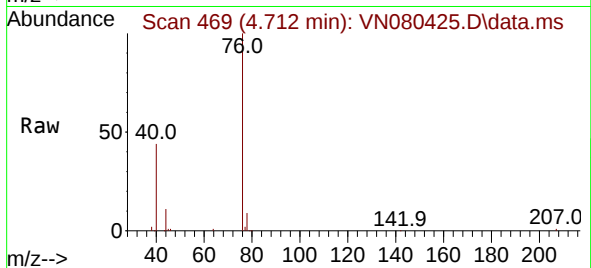
Tgt Ion: 43 Resp: 121081
Ion Ratio Lower Upper
43 100
58 31.2 28.0 42.0





#17
Carbon Disulfide
Concen: 16.027 ug/l
RT: 4.712 min Scan# 469
Delta R.T. -0.000 min
Lab File: VN080425.D
Acq: 08 Dec 2023 22:42

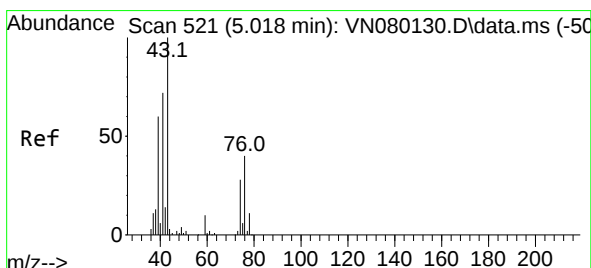
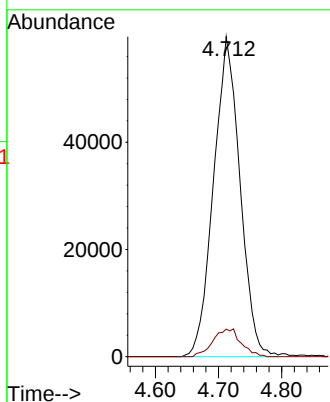
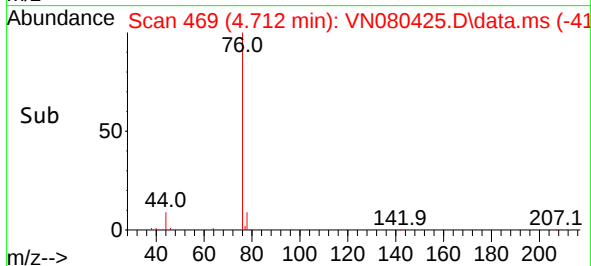
Instrument :
MSVOA_N
ClientSampleId :
VN1208MBS01



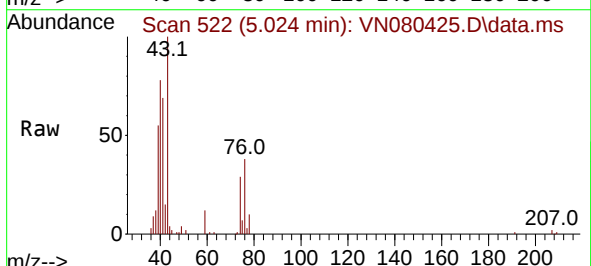
Tgt Ion: 76 Resp: 173392
Ion Ratio Lower Upper
76 100
78 8.6 7.4 11.0

Manual Integrations
APPROVED

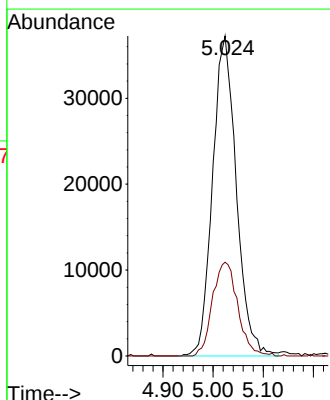
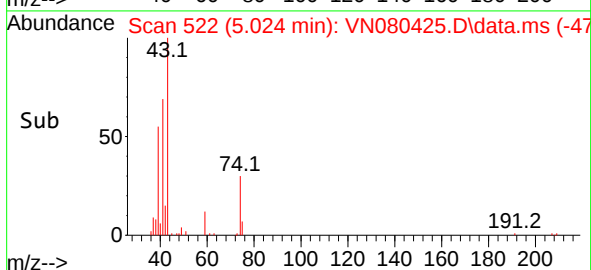
Reviewed By :Mahesh Dadoda 12/12/2023
Supervised By :Semsettin Yesilyurt 12/12/2023

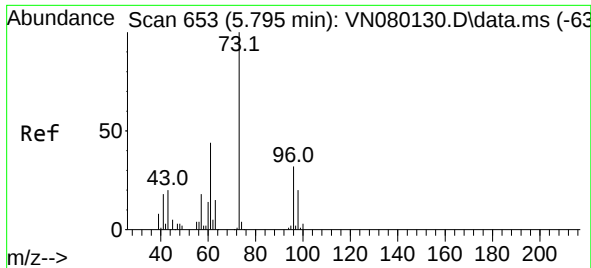


#18
Methyl Acetate
Concen: 20.103 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN080425.D
Acq: 08 Dec 2023 22:42



Tgt Ion: 43 Resp: 122804
Ion Ratio Lower Upper
43 100
74 31.1 26.2 39.4





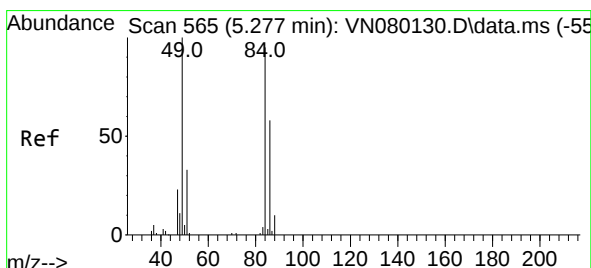
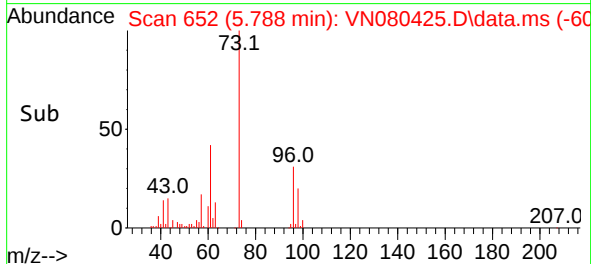
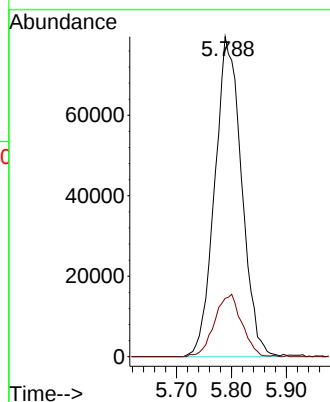
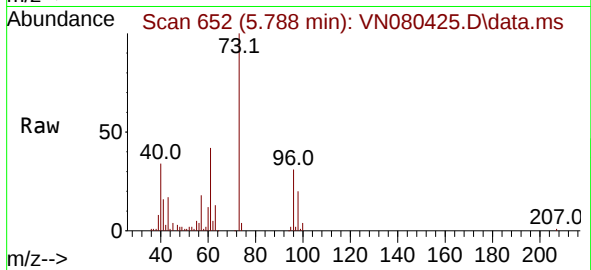
#19
Methyl tert-butyl Ether
Concen: 21.065 ug/l
RT: 5.788 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN080425.D
Acq: 08 Dec 2023 22:42

Instrument :
MSVOA_N
ClientSampleId :
VN1208MBS01

Tgt Ion: 73 Resp: 26954
Ion Ratio Lower Upper
73 100
57 18.2 15.6 23.4

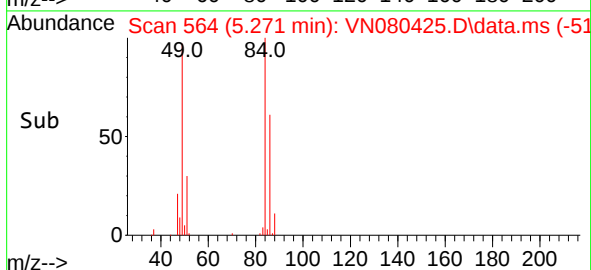
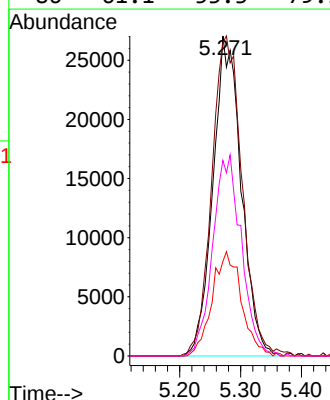
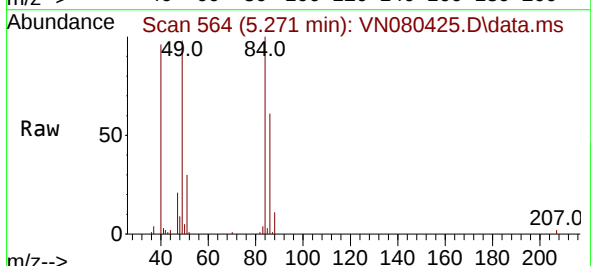
Manual Integrations
APPROVED

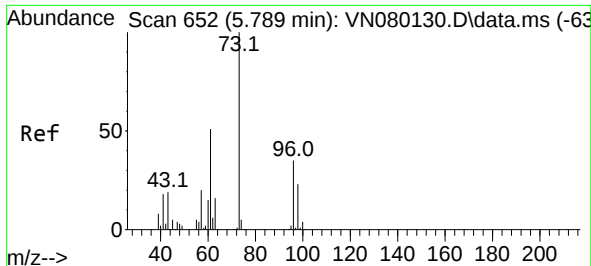
Reviewed By :Mahesh Dadoda 12/12/2023
Supervised By :Semsettin Yesilyurt 12/12/2023



#20
Methylene Chloride
Concen: 21.878 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.006 min
Lab File: VN080425.D
Acq: 08 Dec 2023 22:42

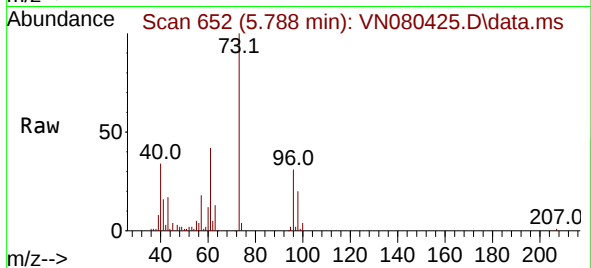
Tgt Ion: 84 Resp: 87106
Ion Ratio Lower Upper
84 100
49 97.9 79.7 119.5
51 29.6 25.2 37.8
86 61.1 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 18.711 ug/l
RT: 5.788 min Scan# 611
Delta R.T. -0.000 min
Lab File: VN080425.D
Acq: 08 Dec 2023 22:42

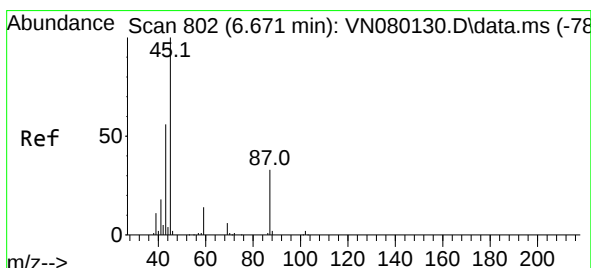
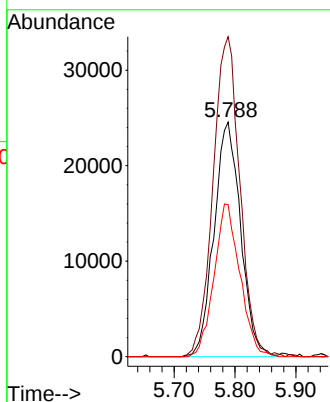
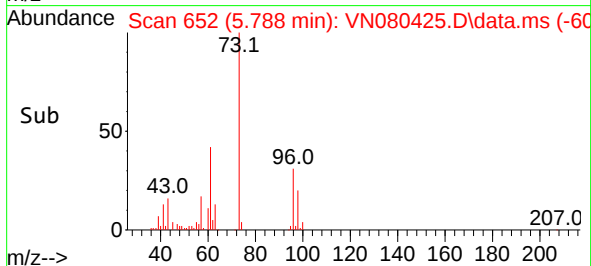
Instrument :
MSVOA_N
ClientSampleId :
VN1208MBS01



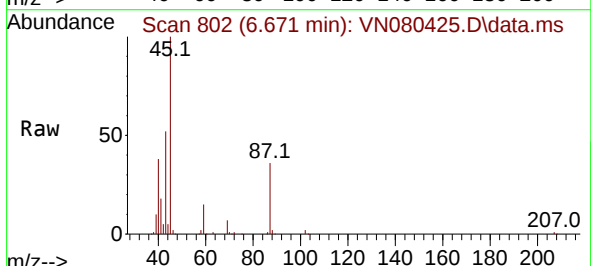
Tgt Ion: 96 Resp: 74480
Ion Ratio Lower Upper
96 100
61 136.4 90.1 135.1
98 64.9 46.4 69.6

Manual Integrations
APPROVED

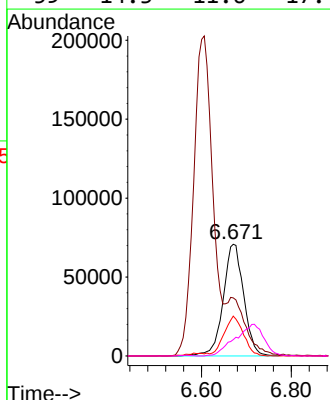
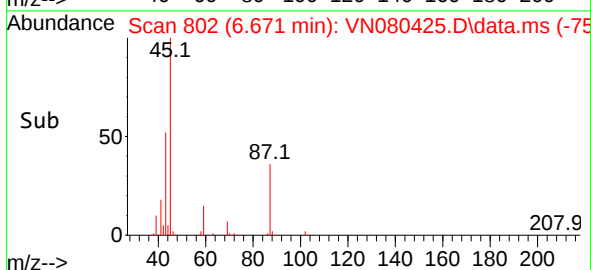
Reviewed By :Mahesh Dadoda 12/12/2023
Supervised By :Semsettin Yesilyurt 12/12/2023

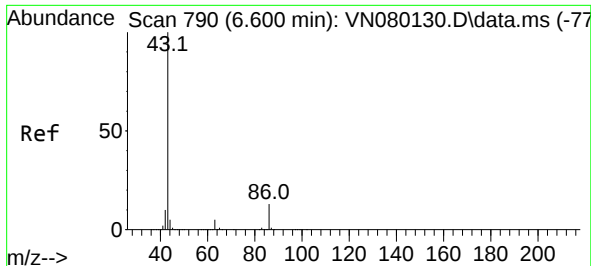


#22
Diisopropyl ether
Concen: 22.315 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.000 min
Lab File: VN080425.D
Acq: 08 Dec 2023 22:42



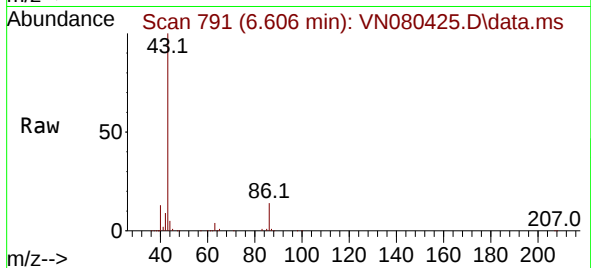
Tgt Ion: 45 Resp: 225073
Ion Ratio Lower Upper
45 100
43 50.9 45.5 68.3
87 35.7 31.8 47.8
59 14.3 11.6 17.4





#23
 Vinyl Acetate
 Concen: 100.054 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.006 min
 Lab File: VN080425.D
 Acq: 08 Dec 2023 22:42

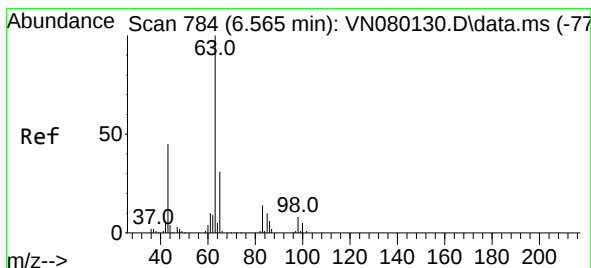
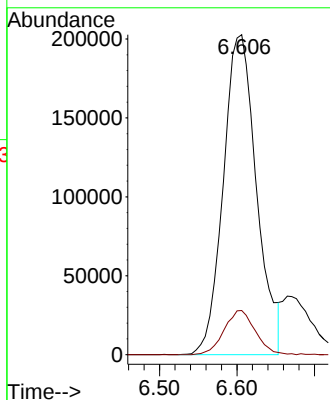
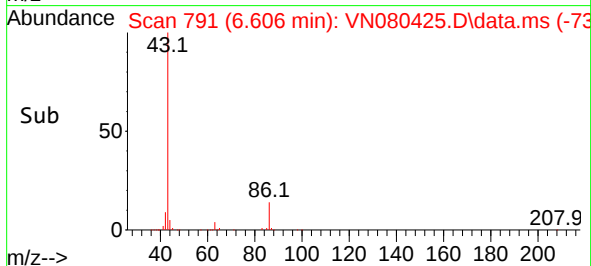
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1208MBS01



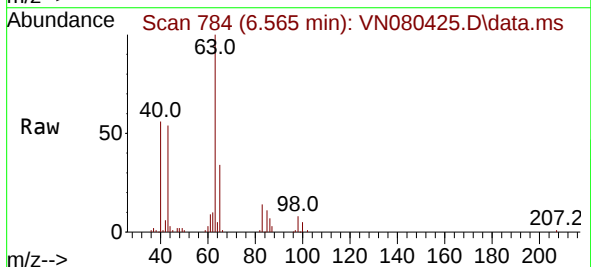
Tgt Ion: 43 Resp: 606680
 Ion Ratio Lower Upper
 43 100
 86 13.8 13.0 19.6

Manual Integrations
 APPROVED

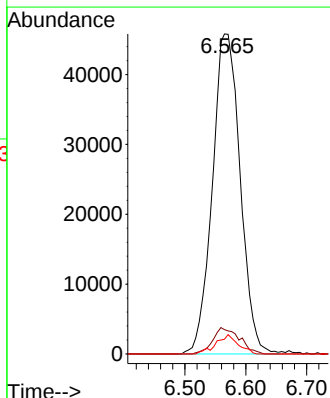
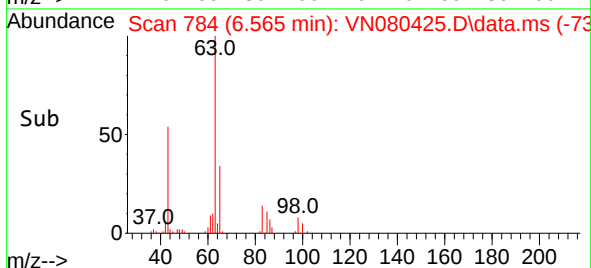
Reviewed By :Mahesh Dadoda 12/12/2023
 Supervised By :Semsettin Yesilyurt 12/12/2023

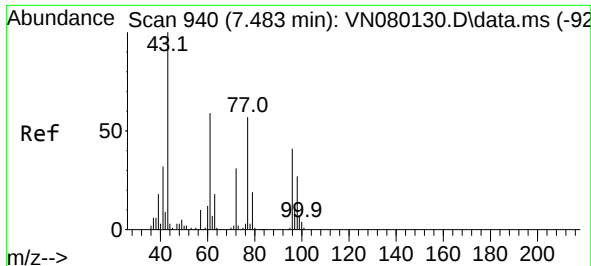


#24
 1,1-Dichloroethane
 Concen: 19.801 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.000 min
 Lab File: VN080425.D
 Acq: 08 Dec 2023 22:42



Tgt Ion: 63 Resp: 145456
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.9 11.7
 100 4.6 2.5 7.4





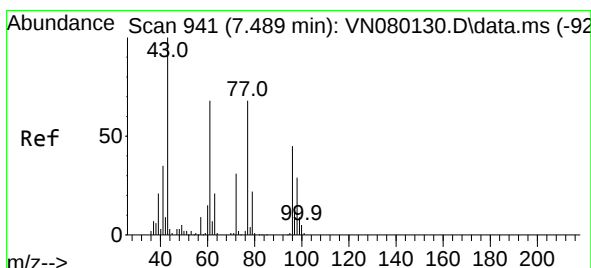
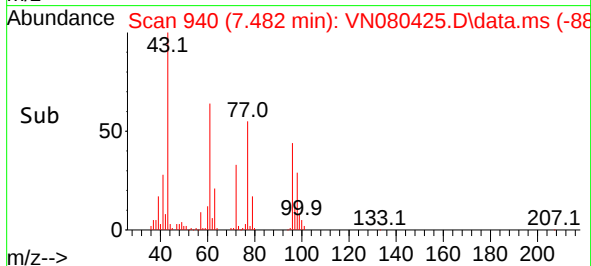
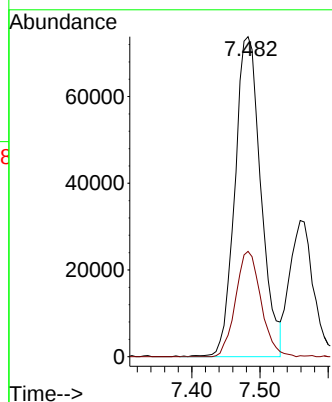
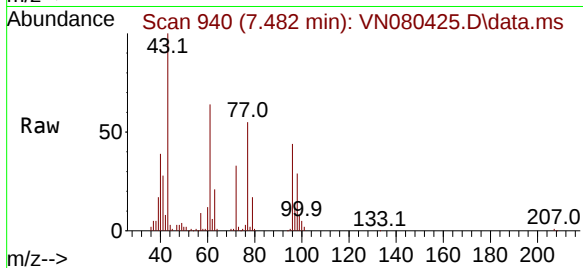
#25
2-Butanone
Concen: 86.632 ug/l
RT: 7.482 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN080425.D
Acq: 08 Dec 2023 22:42

Instrument :
MSVOA_N
ClientSampleId :
VN1208MBS01

Tgt Ion: 43 Resp: 19569
Ion Ratio Lower Upper
43 100
72 32.9 30.2 45.2

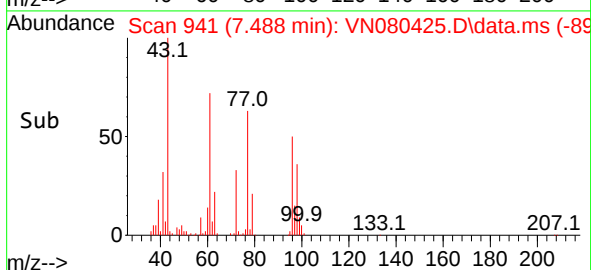
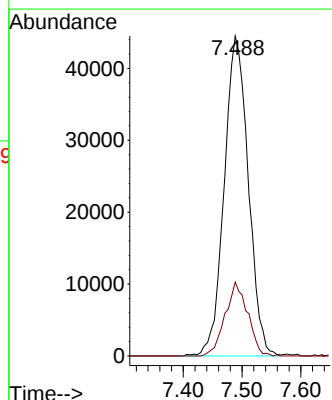
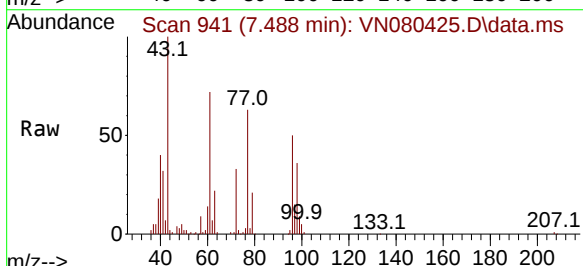
Manual Integrations
APPROVED

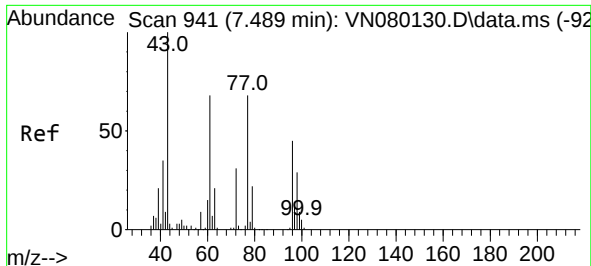
Reviewed By :Mahesh Dadoda 12/12/2023
Supervised By :Semsettin Yesilyurt 12/12/2023



#26
2,2-Dichloropropane
Concen: 17.379 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN080425.D
Acq: 08 Dec 2023 22:42

Tgt Ion: 77 Resp: 126660
Ion Ratio Lower Upper
77 100
97 21.7 11.2 33.6





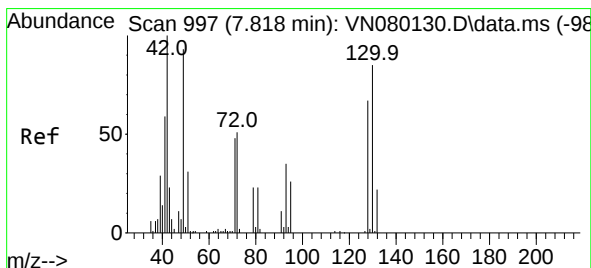
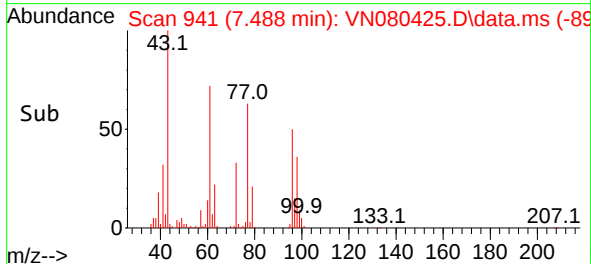
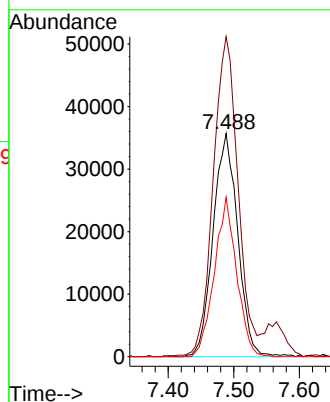
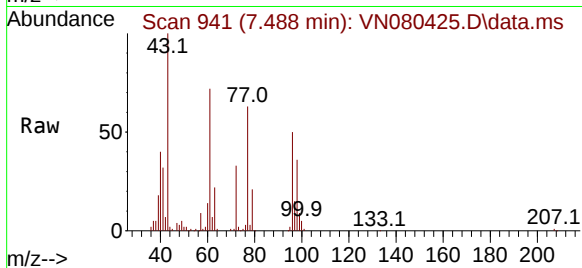
#27
cis-1,2-Dichloroethene
Concen: 20.570 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN080425.D
Acq: 08 Dec 2023 22:42

Instrument :
MSVOA_N
ClientSampleId :
VN1208MBS01

Tgt Ion: 96 Resp: 9283
Ion Ratio Lower Upper
96 100
61 144.2 0.0 255.2
98 64.6 0.0 128.8

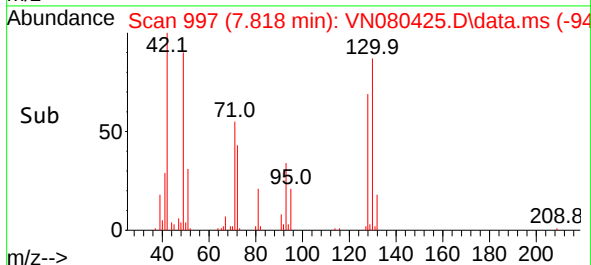
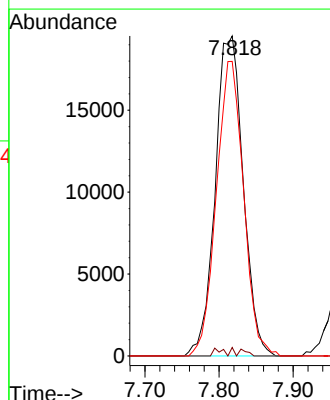
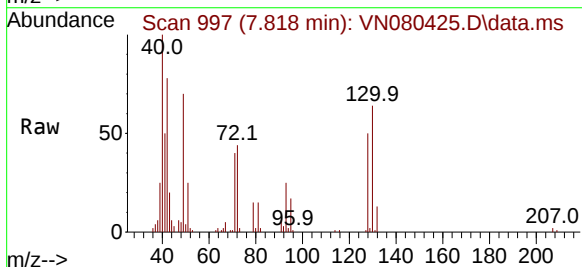
Manual Integrations
APPROVED

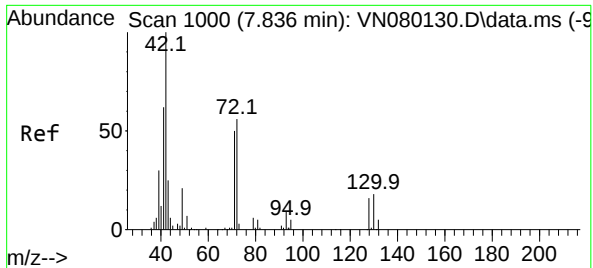
Reviewed By :Mahesh Dadoda 12/12/2023
Supervised By :Semsettin Yesilyurt 12/12/2023



#28
Bromochloromethane
Concen: 17.719 ug/l
RT: 7.818 min Scan# 997
Delta R.T. -0.000 min
Lab File: VN080425.D
Acq: 08 Dec 2023 22:42

Tgt Ion: 49 Resp: 51172
Ion Ratio Lower Upper
49 100
129 0.4 0.0 4.8
130 89.6 75.3 112.9





#29

Tetrahydrofuran

Concen: 103.079 ug/l

RT: 7.841 min Scan# 1000

Delta R.T. 0.006 min

Lab File: VN080425.D

Acq: 08 Dec 2023 22:42

Instrument :

MSVOA_N

ClientSampleId :

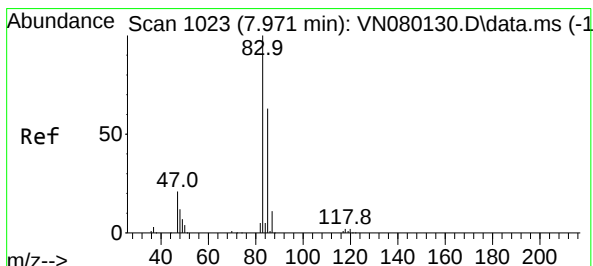
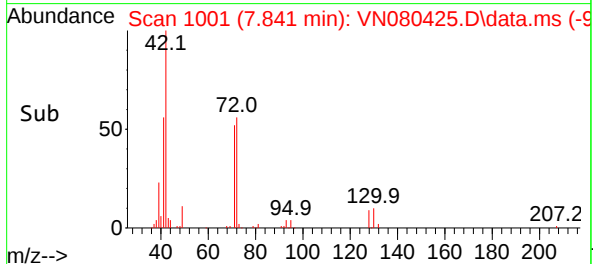
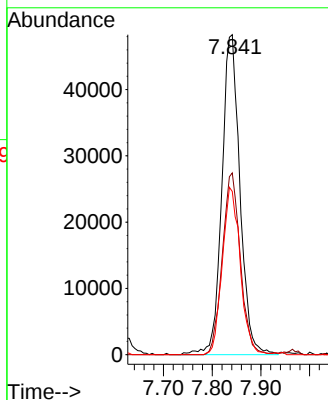
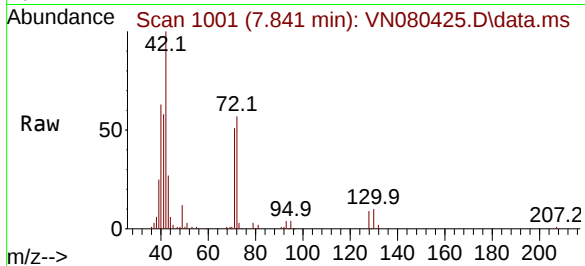
VN1208MBS01

Tgt Ion:	42	Resp:	125000
Ion Ratio	Lower	Upper	
42	100		
72	56.4	49.8	74.6
71	51.9	47.4	71.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/12/2023
Supervised By :Semsettin Yesilyurt 12/12/2023



#30

Chloroform

Concen: 19.841 ug/l

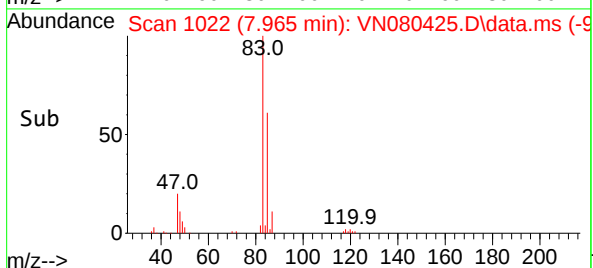
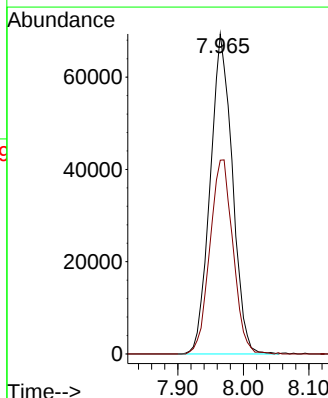
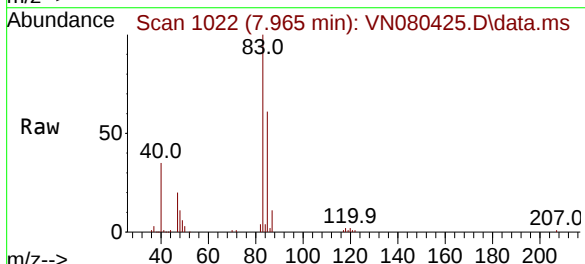
RT: 7.965 min Scan# 1022

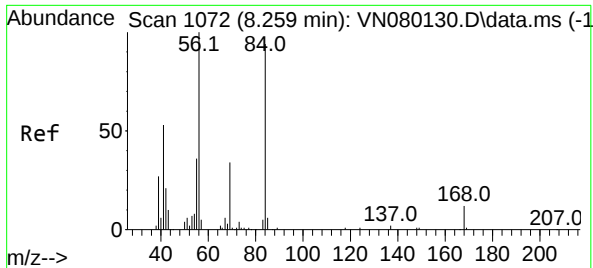
Delta R.T. -0.006 min

Lab File: VN080425.D

Acq: 08 Dec 2023 22:42

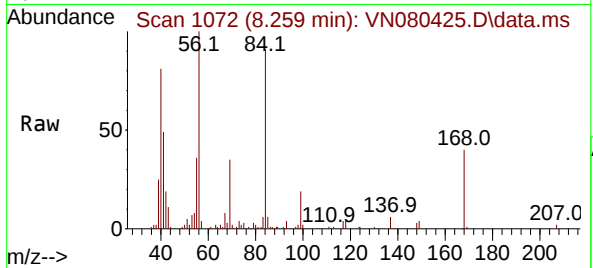
Tgt Ion:	83	Resp:	162906
Ion Ratio	Lower	Upper	
83	100		
85	60.5	55.4	83.0





#31
Cyclohexane
Concen: 15.365 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. -0.000 min
Lab File: VN080425.D
Acq: 08 Dec 2023 22:42

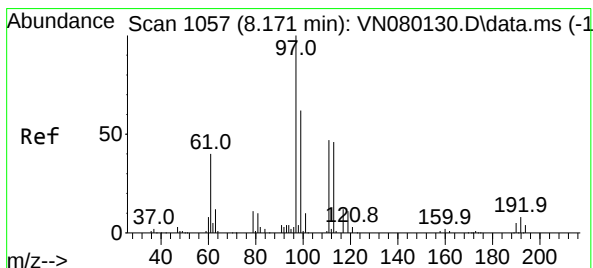
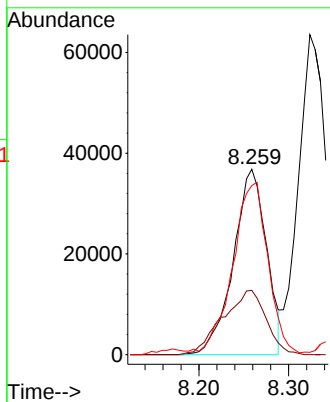
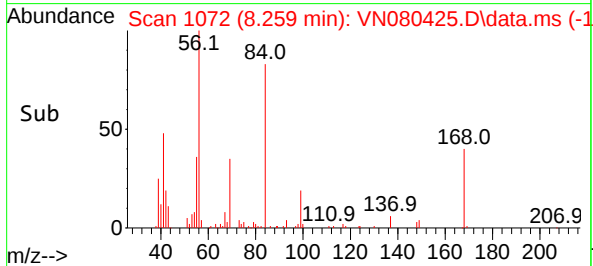
Instrument :
MSVOA_N
ClientSampleId :
VN1208MBS01



Tgt Ion: 56 Resp: 94580
Ion Ratio Lower Upper
56 100
69 34.7 26.8 40.2
84 88.7 81.8 122.6

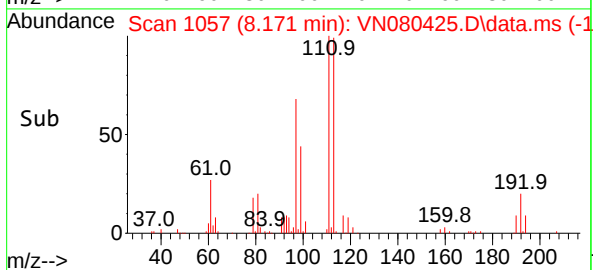
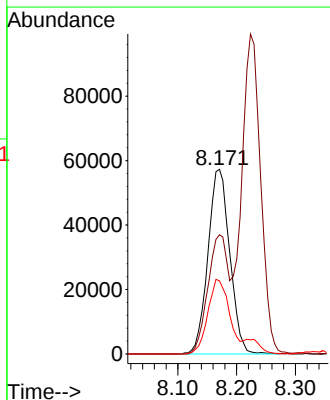
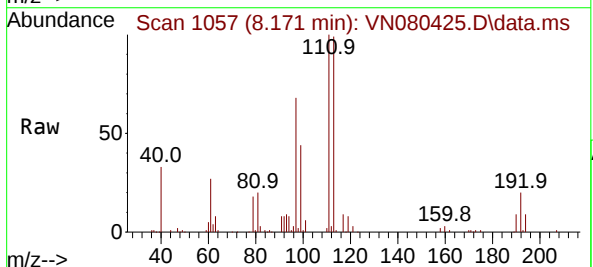
Manual Integrations
APPROVED

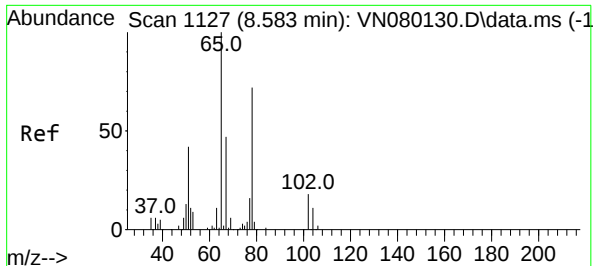
Reviewed By :Mahesh Dadoda 12/12/2023
Supervised By :Semsettin Yesilyurt 12/12/2023



#32
1,1,1-Trichloroethane
Concen: 18.422 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN080425.D
Acq: 08 Dec 2023 22:42

Tgt Ion: 97 Resp: 147505
Ion Ratio Lower Upper
97 100
99 59.3 50.3 75.5
61 40.6 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 44.584 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VN080425.D

Acq: 08 Dec 2023 22:42

Instrument :

MSVOA_N

ClientSampleId :

VN1208MBS01

Tgt Ion: 65 Resp: 252369

Ion Ratio Lower Upper

65 100

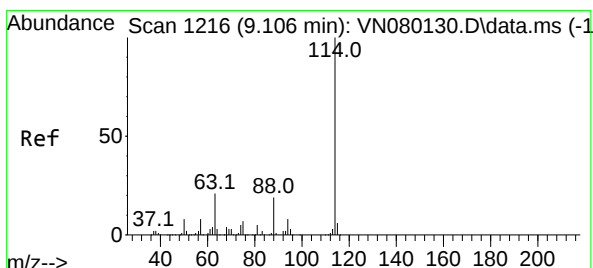
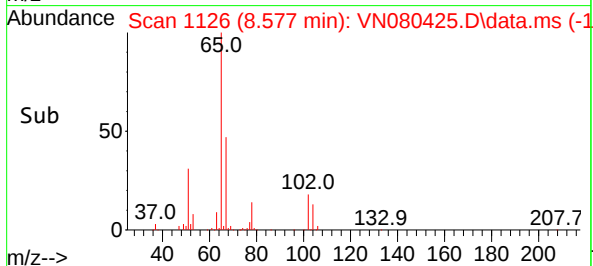
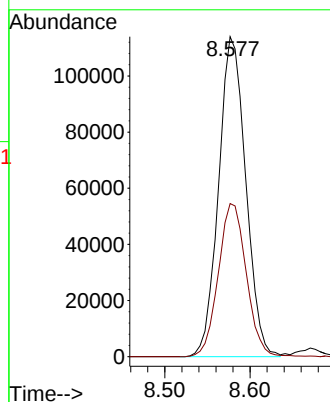
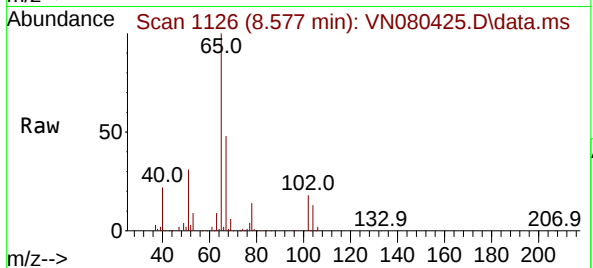
67 49.3 0.0 106.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/12/2023

Supervised By :Semsettin Yesilyurt 12/12/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.006 min

Lab File: VN080425.D

Acq: 08 Dec 2023 22:42

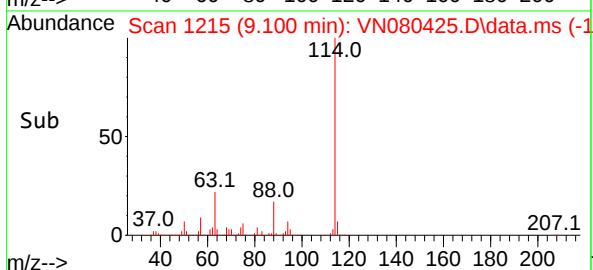
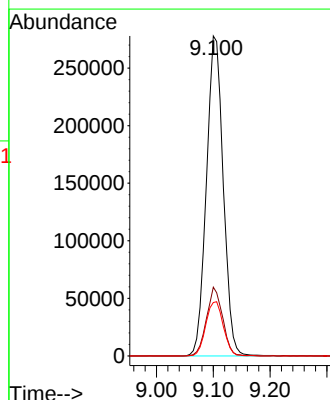
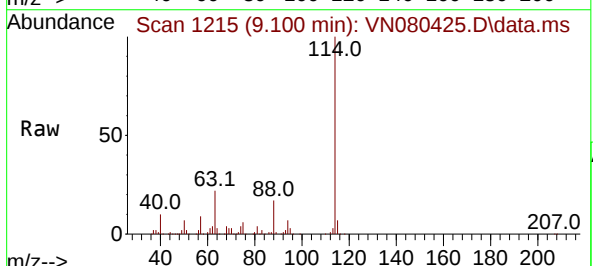
Tgt Ion:114 Resp: 570727

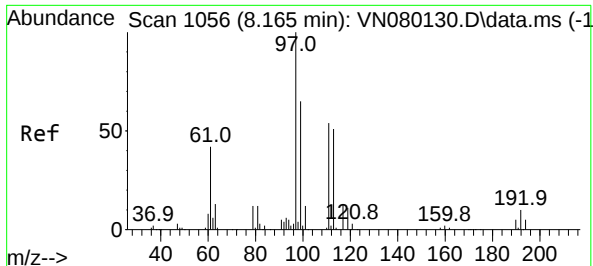
Ion Ratio Lower Upper

114 100

63 21.5 0.0 36.4

88 16.7 0.0 30.6





#35

Dibromofluoromethane

Concen: 47.530 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN080425.D

Acq: 08 Dec 2023 22:42

Instrument :

MSVOA_N

ClientSampleId :

VN1208MBS01

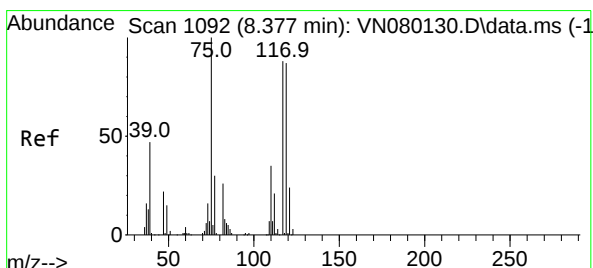
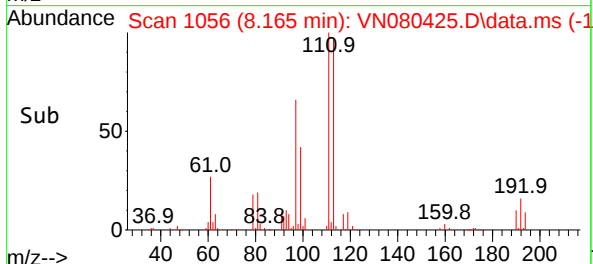
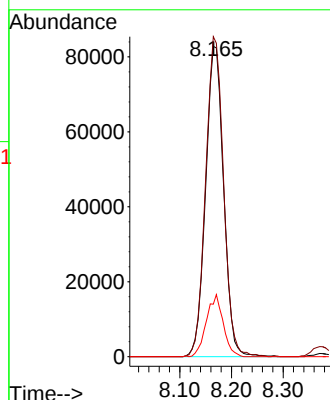
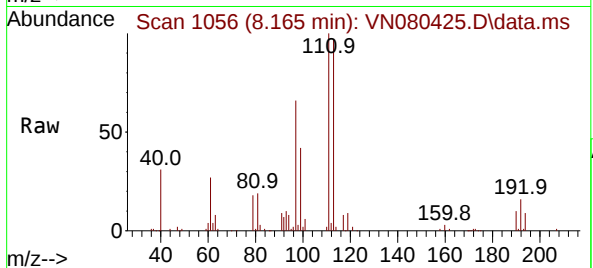
Tgt Ion: 113 Resp: 200159

Ion	Ratio	Lower	Upper
113	100		
111	103.0	82.6	123.8
192	18.8	12.7	19.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/12/2023
Supervised By :Semsettin Yesilyurt 12/12/2023



#36

1,1-Dichloropropene

Concen: 17.401 ug/l

RT: 8.371 min Scan# 1091

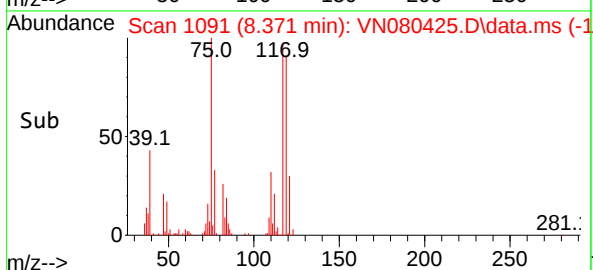
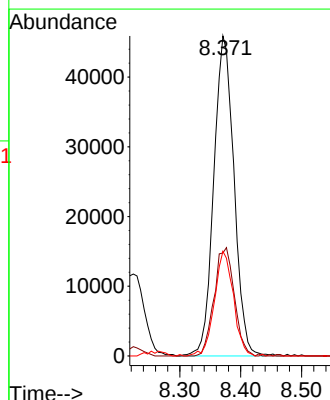
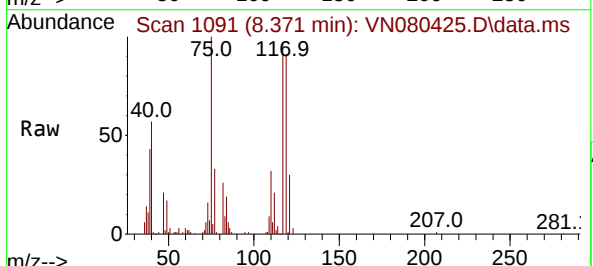
Delta R.T. -0.006 min

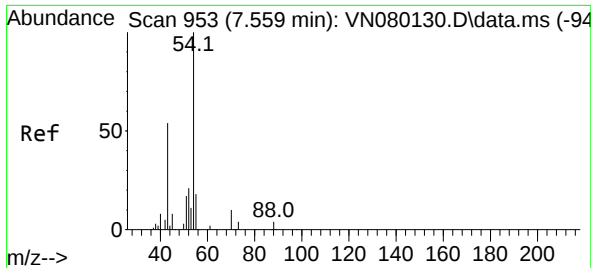
Lab File: VN080425.D

Acq: 08 Dec 2023 22:42

Tgt Ion: 75 Resp: 106096

Ion	Ratio	Lower	Upper
75	100		
110	33.9	19.1	57.3
77	30.5	25.0	37.4





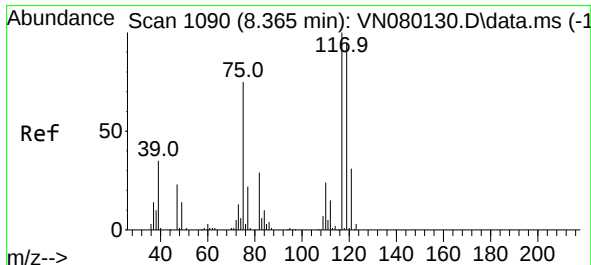
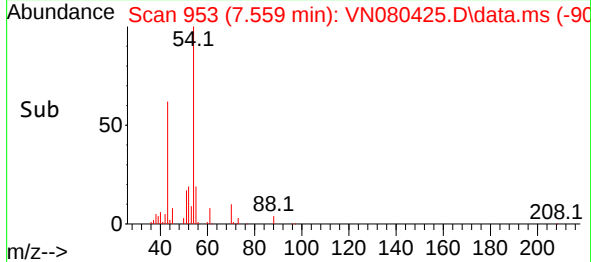
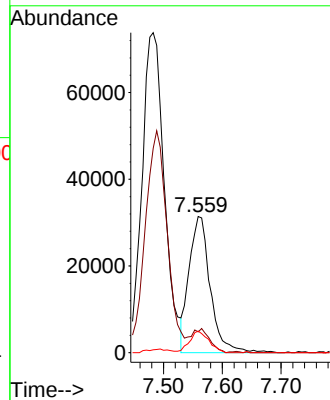
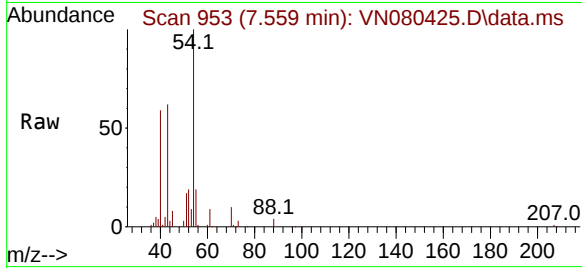
#37
Ethyl Acetate
Concen: 18.617 ug/l
RT: 7.559 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN080425.D
Acq: 08 Dec 2023 22:42

Instrument :
MSVOA_N
ClientSampleId :
VN1208MBS01

Tgt Ion: 43 Resp: 78732
Ion Ratio Lower Upper
43 100
61 14.4 13.2 19.8
70 14.5 11.3 16.9

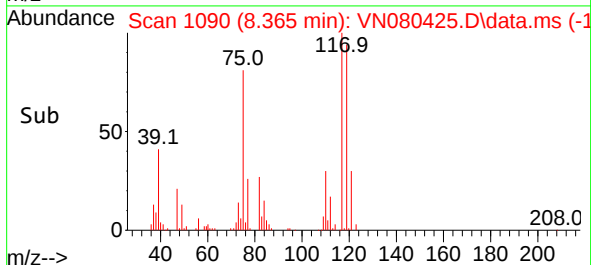
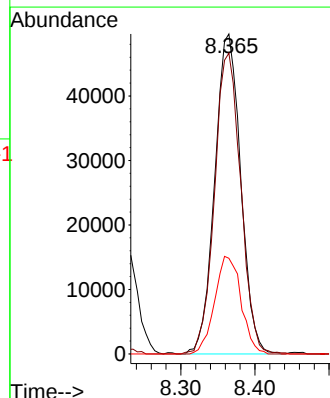
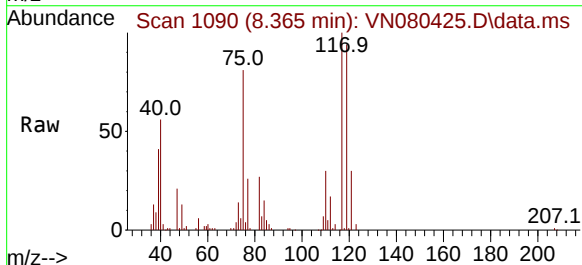
Manual Integrations
APPROVED

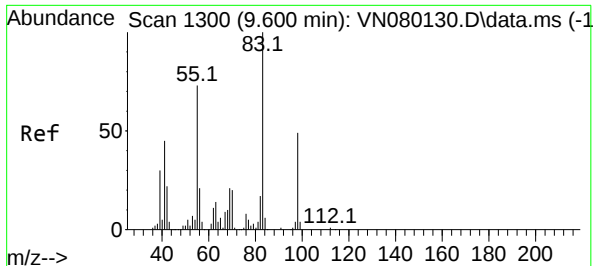
Reviewed By :Mahesh Dadoda 12/12/2023
Supervised By :Semsettin Yesilyurt 12/12/2023



#38
Carbon Tetrachloride
Concen: 15.610 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VN080425.D
Acq: 08 Dec 2023 22:42

Tgt Ion:117 Resp: 120779
Ion Ratio Lower Upper
117 100
119 94.0 77.3 115.9
121 29.9 23.3 34.9





#39

Methylcyclohexane

Concen: 15.848 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VN080425.D

Acq: 08 Dec 2023 22:42

Instrument :

MSVOA_N

ClientSampleId :

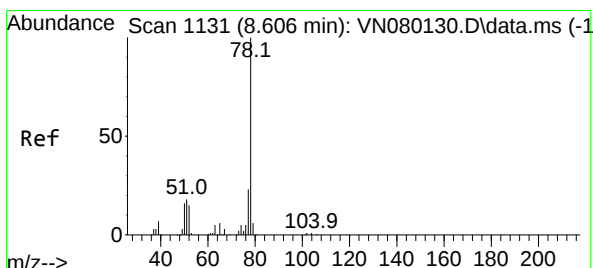
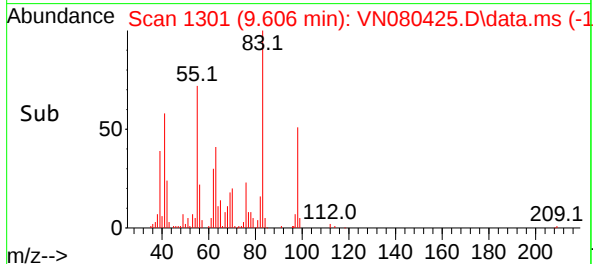
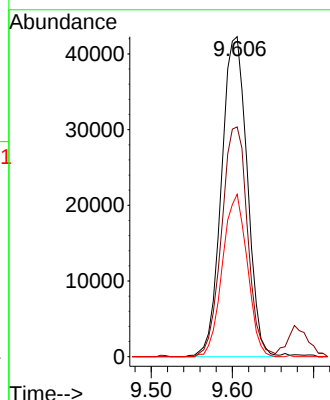
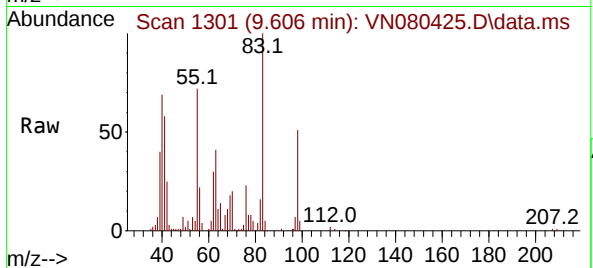
VN1208MBS01

Tgt Ion: 83	Resp: 93169
Ion Ratio	Lower Upper
83 100	
55 71.8	49.1 73.7
98 50.7	40.6 61.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/12/2023
Supervised By :Semsettin Yesilyurt 12/12/2023



#40

Benzene

Concen: 19.450 ug/l

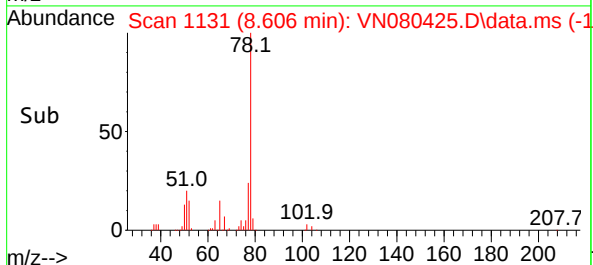
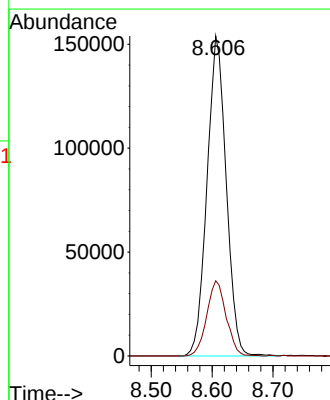
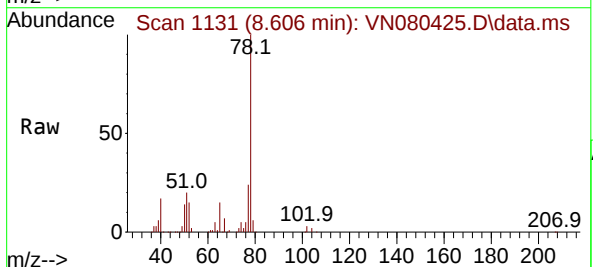
RT: 8.606 min Scan# 1131

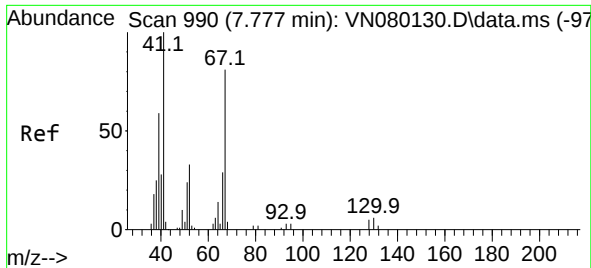
Delta R.T. -0.000 min

Lab File: VN080425.D

Acq: 08 Dec 2023 22:42

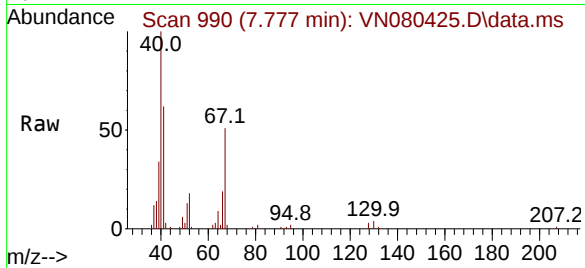
Tgt Ion: 78	Resp: 337046
Ion Ratio	Lower Upper
78 100	
77 23.5	19.0 28.6





#41
Methacrylonitrile
Concen: 20.323 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.000 min
Lab File: VN080425.D
Acq: 08 Dec 2023 22:42

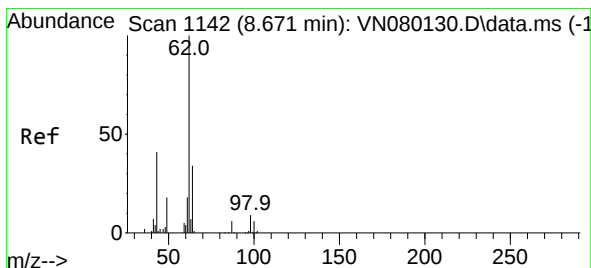
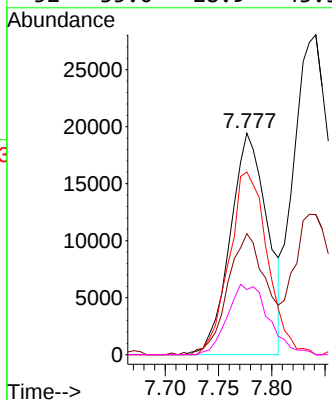
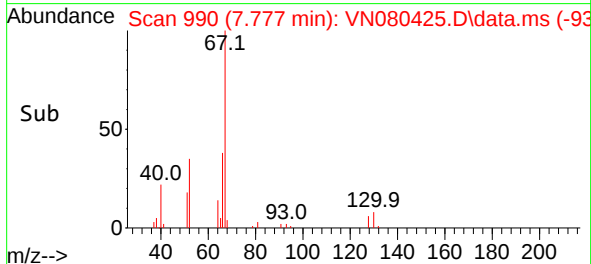
Instrument :
MSVOA_N
ClientSampleId :
VN1208MBS01



Tgt Ion: 41	Resp: 47200
Ion Ratio	Lower Upper
41 100	
39 56.9	42.6 64.0
67 85.0	77.5 116.3
52 35.0	28.9 43.3

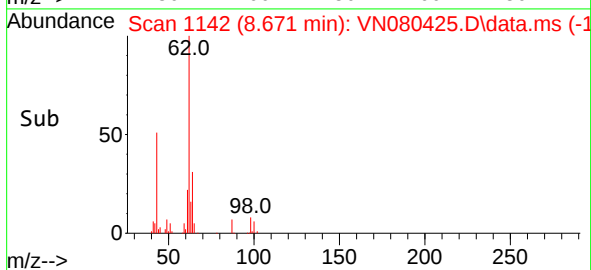
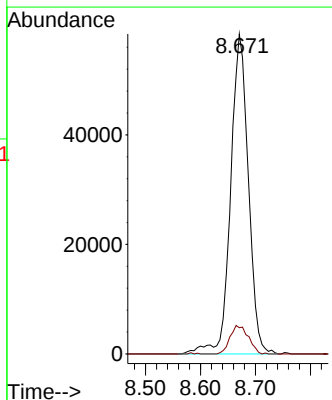
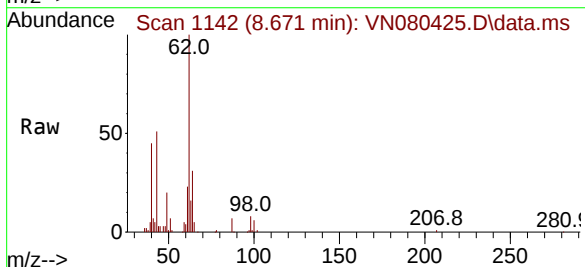
Manual Integrations
APPROVED

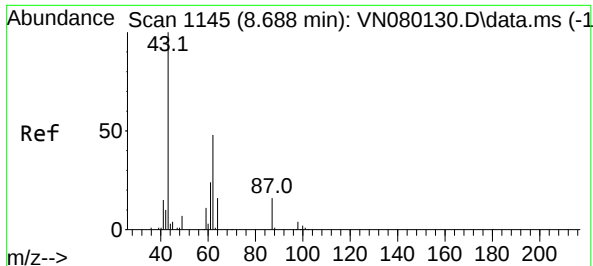
Reviewed By :Mahesh Dadoda 12/12/2023
Supervised By :Semsettin Yesilyurt 12/12/2023



#42
1,2-Dichloroethane
Concen: 18.509 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN080425.D
Acq: 08 Dec 2023 22:42

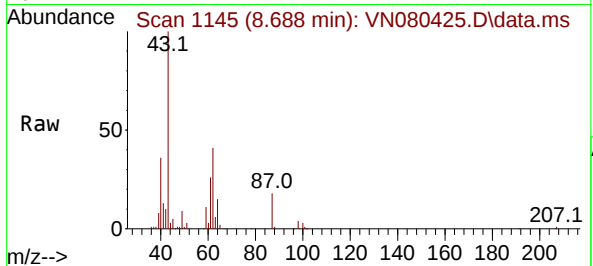
Tgt Ion: 62	Resp: 131218
Ion Ratio	Lower Upper
62 100	
98 9.2	0.0 19.8





#43
Isopropyl Acetate
Concen: 18.109 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN080425.D
Acq: 08 Dec 2023 22:42

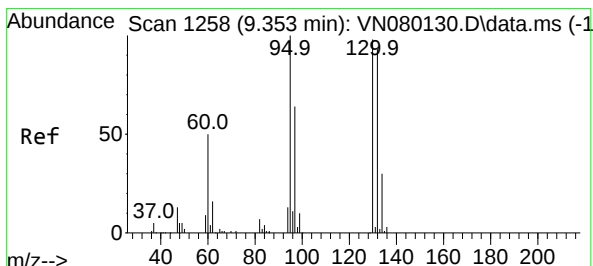
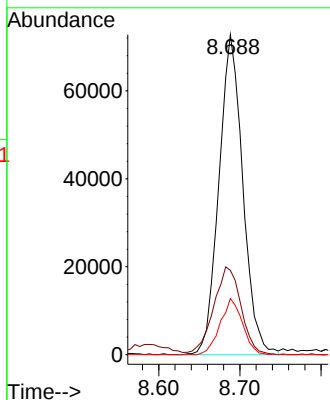
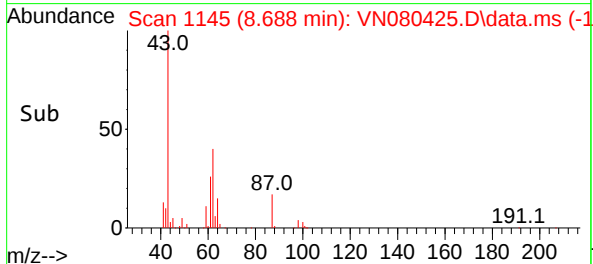
Instrument :
MSVOA_N
ClientSampleId :
VN1208MBS01



Tgt Ion: 43 Resp: 14903
Ion Ratio Lower Upper
43 100
61 31.5 24.7 37.1
87 16.4 14.6 21.8

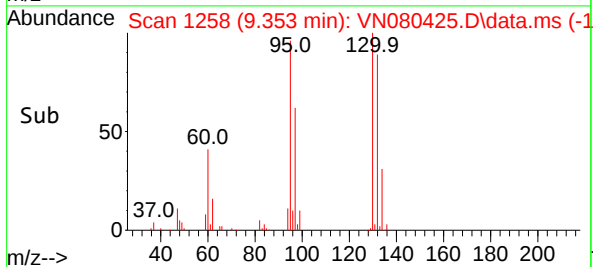
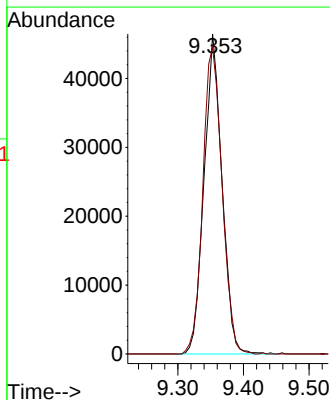
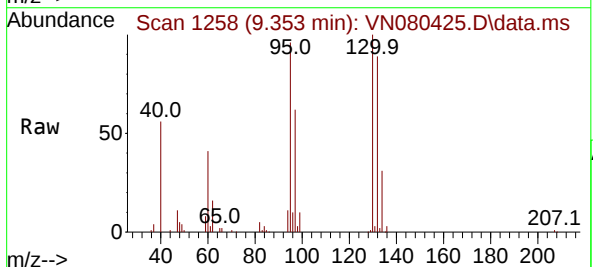
Manual Integrations
APPROVED

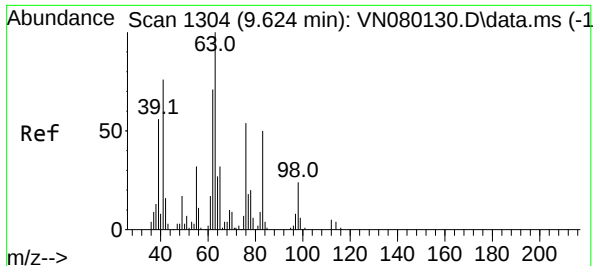
Reviewed By :Mahesh Dadoda 12/12/2023
Supervised By :Semsettin Yesilyurt 12/12/2023



#44
Trichloroethene
Concen: 19.466 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. -0.000 min
Lab File: VN080425.D
Acq: 08 Dec 2023 22:42

Tgt Ion:130 Resp: 88480
Ion Ratio Lower Upper
130 100
95 95.9 0.0 204.6





#45

1,2-Dichloropropane

Concen: 20.551 ug/l

RT: 9.623 min Scan# 1304

Delta R.T. -0.000 min

Lab File: VN080425.D

Acq: 08 Dec 2023 22:42

Instrument :

MSVOA_N

ClientSampleId :

VN1208MBS01

Tgt Ion: 63 Resp: 8275

Ion Ratio Lower Upper

63 100

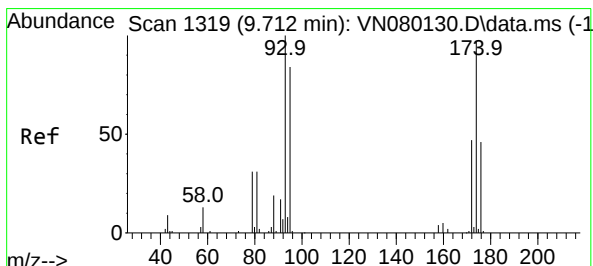
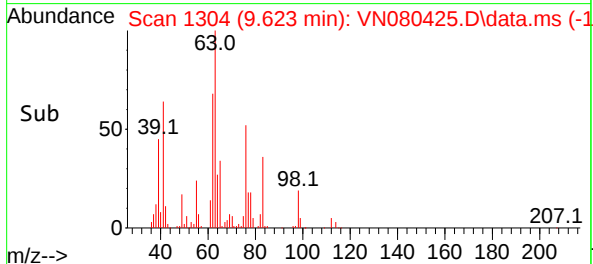
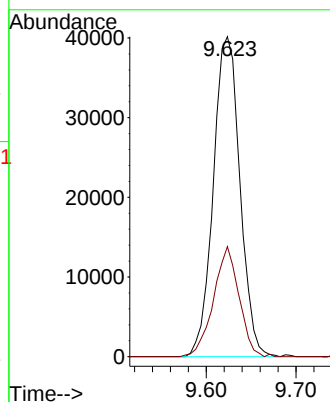
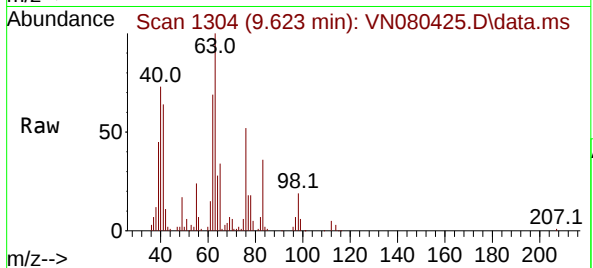
65 34.4 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/12/2023

Supervised By :Semsettin Yesilyurt 12/12/2023



#46

Dibromomethane

Concen: 19.457 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN080425.D

Acq: 08 Dec 2023 22:42

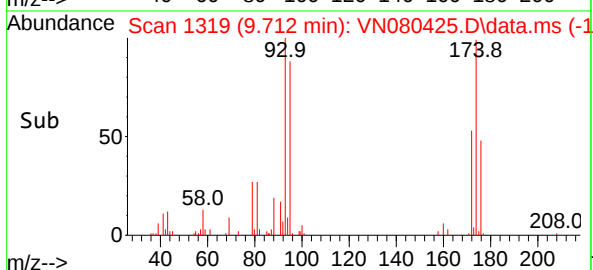
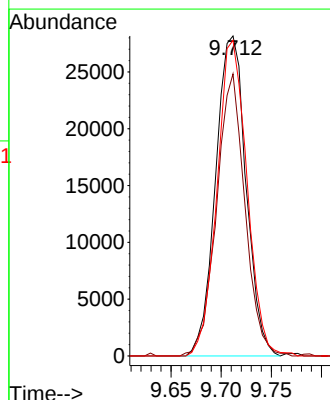
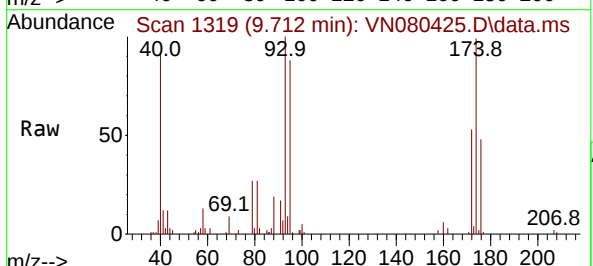
Tgt Ion: 93 Resp: 59310

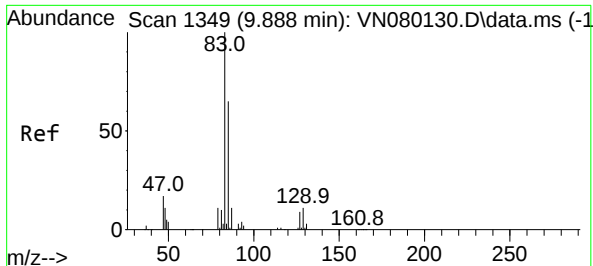
Ion Ratio Lower Upper

93 100

95 82.2 63.8 95.8

174 97.1 65.6 98.4





#47

Bromodichloromethane

Concen: 18.923 ug/l

RT: 9.894 min Scan# 1350

Delta R.T. 0.006 min

Lab File: VN080425.D

Acq: 08 Dec 2023 22:42

Instrument :

MSVOA_N

ClientSampleId :

VN1208MBS01

Tgt Ion: 83 Resp: 12688

Ion Ratio Lower Upper

83 100

85 62.5 49.6 74.4

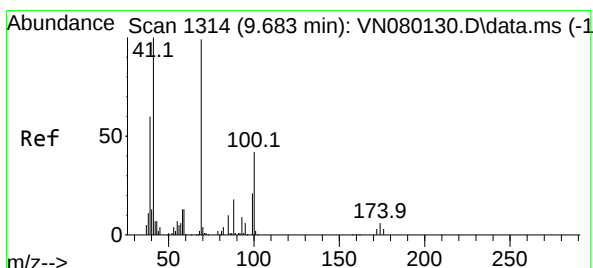
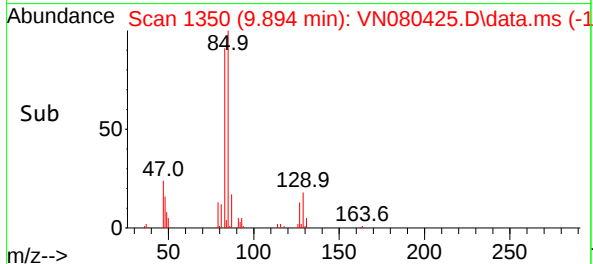
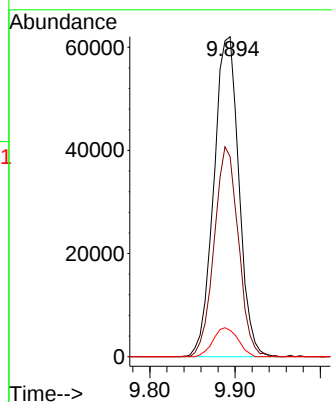
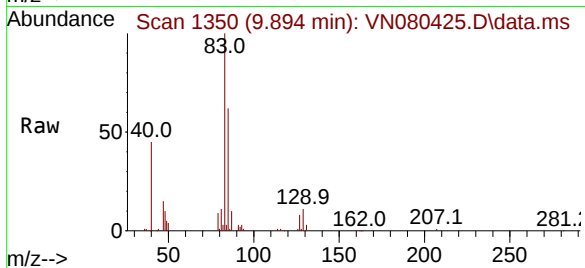
127 8.2 7.0 10.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/12/2023

Supervised By :Semsettin Yesilyurt 12/12/2023



#48

Methyl methacrylate

Concen: 20.327 ug/l

RT: 9.682 min Scan# 1314

Delta R.T. -0.000 min

Lab File: VN080425.D

Acq: 08 Dec 2023 22:42

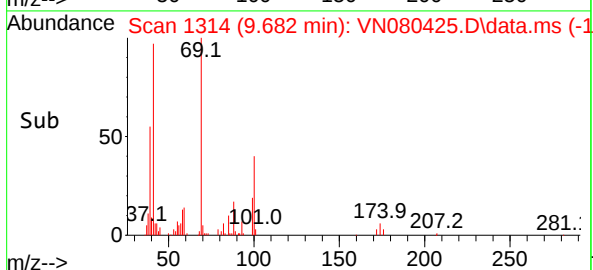
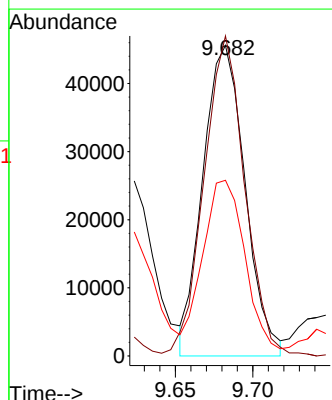
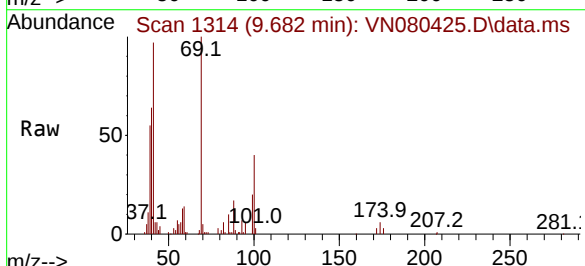
Tgt Ion: 41 Resp: 86207

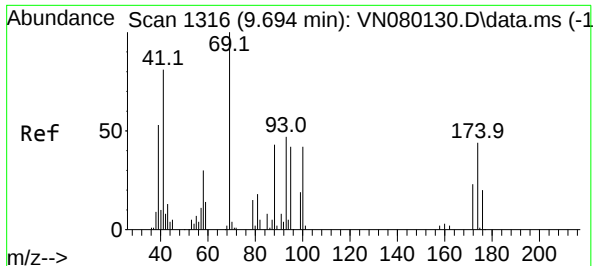
Ion Ratio Lower Upper

41 100

69 99.8 90.4 135.6

39 57.6 54.6 81.8





#49

1,4-Dioxane

Concen: 363.826 ug/l

RT: 9.694 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN080425.D

Acq: 08 Dec 2023 22:42

Instrument :

MSVOA_N

ClientSampleId :

VN1208MBS01

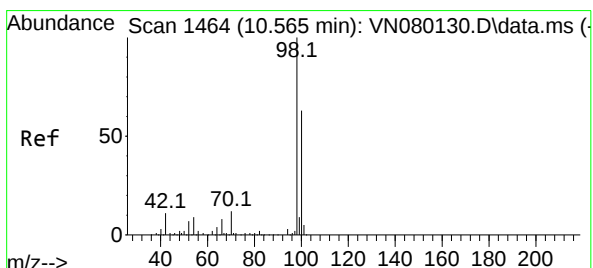
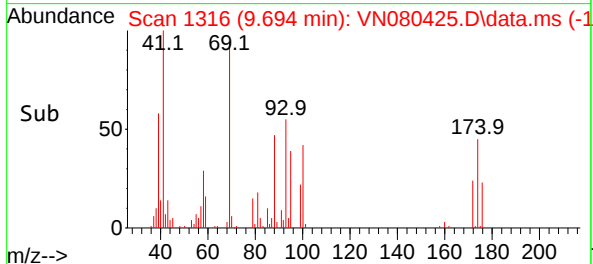
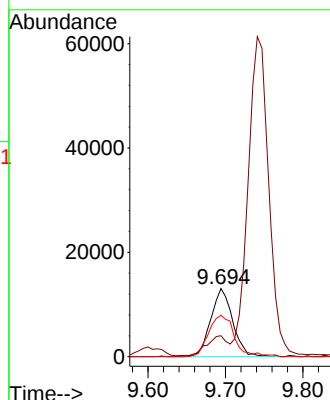
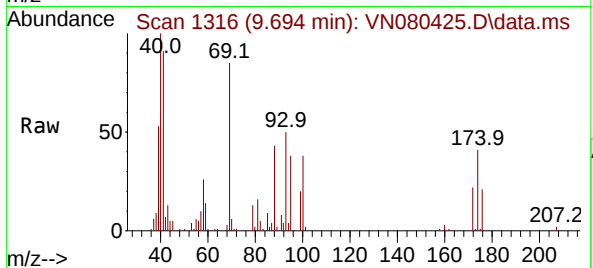
Tgt Ion: 88 Resp: 25670

Ion	Ratio	Lower	Upper
88	100		
43	29.3	17.0	25.6
58	71.5	47.0	70.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/12/2023
Supervised By :Semsettin Yesilyurt 12/12/2023



#50

Toluene-d8

Concen: 46.621 ug/l

RT: 10.570 min Scan# 1465

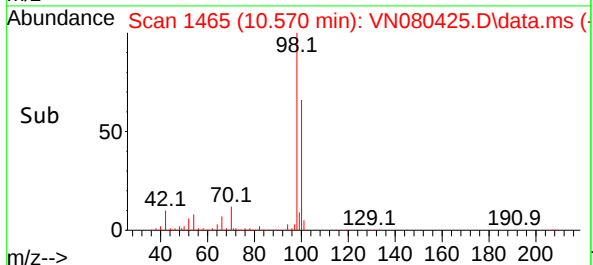
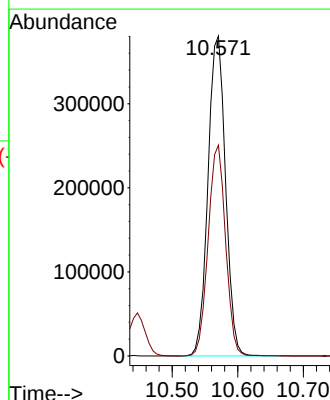
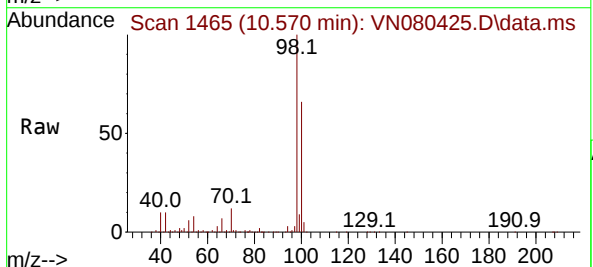
Delta R.T. 0.006 min

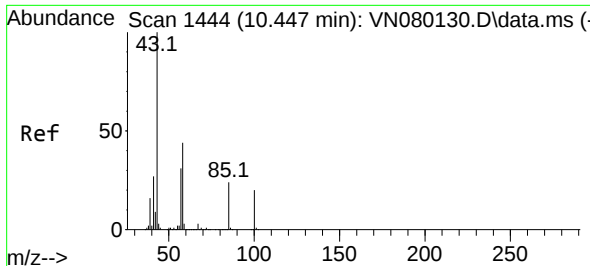
Lab File: VN080425.D

Acq: 08 Dec 2023 22:42

Tgt Ion: 98 Resp: 707741

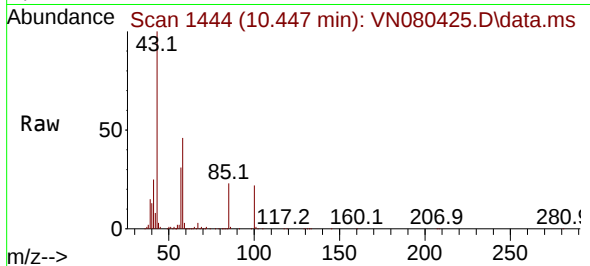
Ion	Ratio	Lower	Upper
98	100		
100	65.4	52.0	78.0





#51
4-Methyl-2-Pentanone
Concen: 99.038 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN080425.D
Acq: 08 Dec 2023 22:42

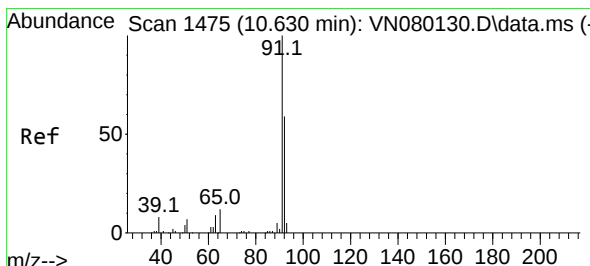
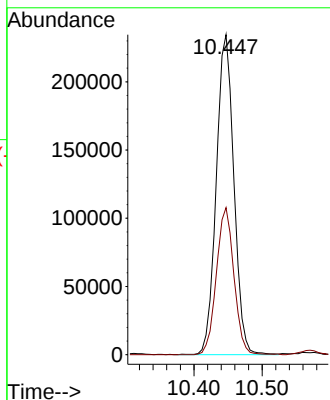
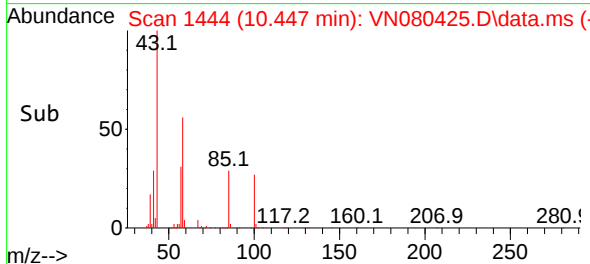
Instrument :
MSVOA_N
ClientSampleId :
VN1208MBS01



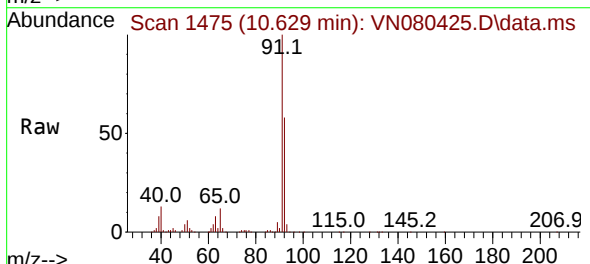
Tgt Ion: 43 Resp: 421974
Ion Ratio Lower Upper
43 100
58 45.8 36.6 54.8

Manual Integrations
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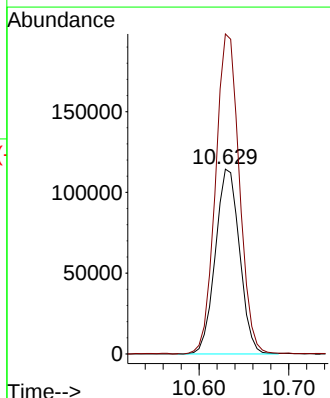
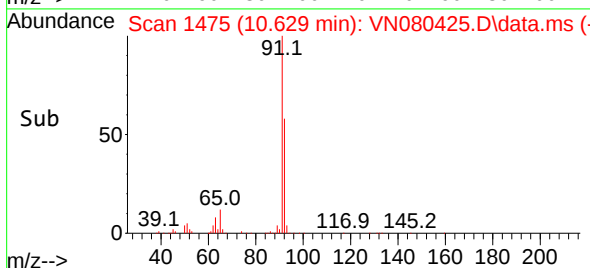
Reviewed By :Mahesh Dadoda 12/12/2023
Supervised By :Semsettin Yesilyurt 12/12/2023

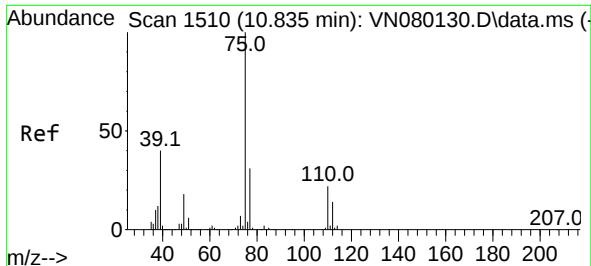


#52
Toluene
Concen: 19.745 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN080425.D
Acq: 08 Dec 2023 22:42



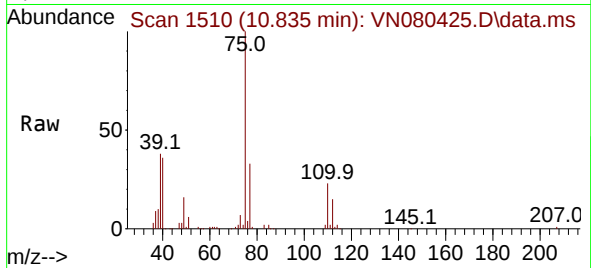
Tgt Ion: 92 Resp: 214128
Ion Ratio Lower Upper
92 100
91 170.9 137.4 206.0





#53
t-1,3-Dichloropropene
Concen: 19.680 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. -0.000 min
Lab File: VN080425.D
Acq: 08 Dec 2023 22:42

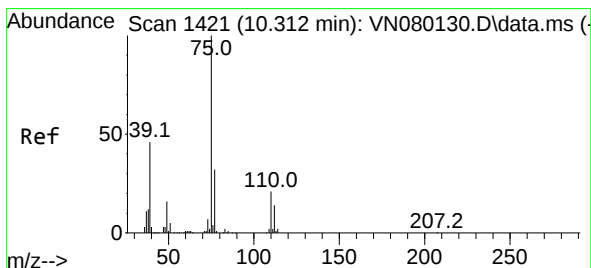
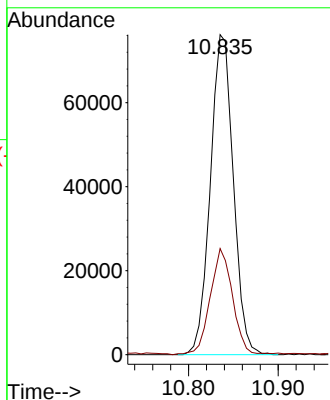
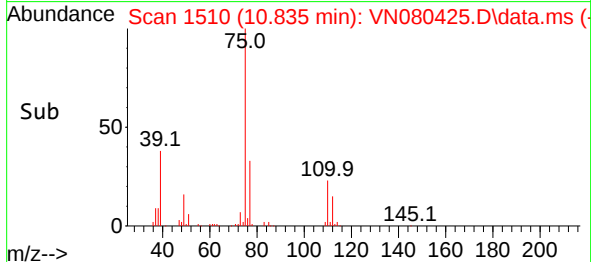
Instrument :
MSVOA_N
ClientSampleId :
VN1208MBS01



Tgt Ion: 75 Resp: 135584
Ion Ratio Lower Upper
75 100
77 32.9 25.4 38.0

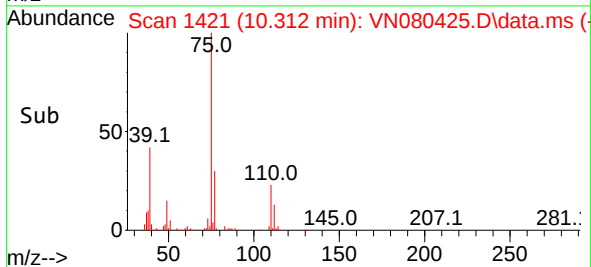
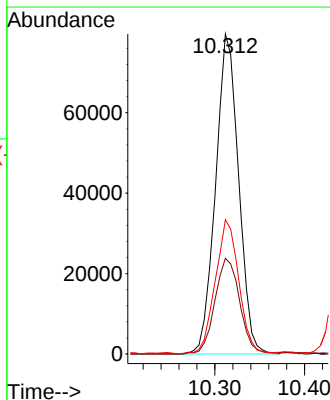
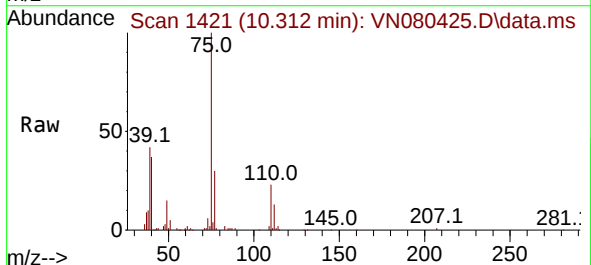
Manual Integrations
APPROVED

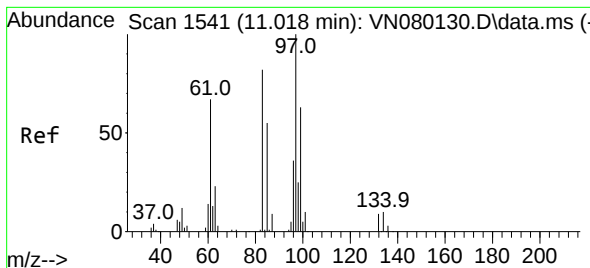
Reviewed By :Mahesh Dadoda 12/12/2023
Supervised By :Semsettin Yesilyurt 12/12/2023



#54
cis-1,3-Dichloropropene
Concen: 20.122 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. -0.000 min
Lab File: VN080425.D
Acq: 08 Dec 2023 22:42

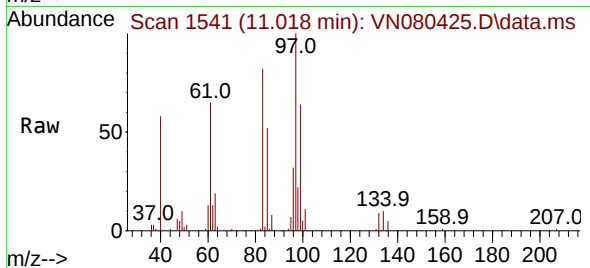
Tgt Ion: 75 Resp: 141625
Ion Ratio Lower Upper
75 100
77 29.9 26.1 39.1
39 41.9 31.6 47.4





#55
1,1,2-Trichloroethane
Concen: 20.259 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VN080425.D
Acq: 08 Dec 2023 22:42

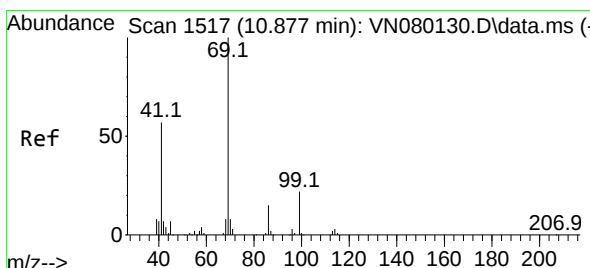
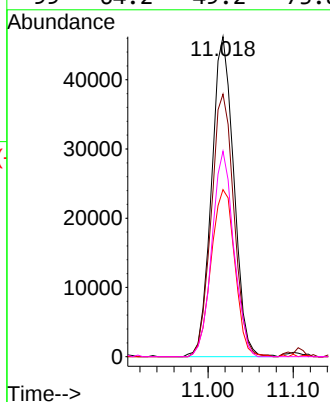
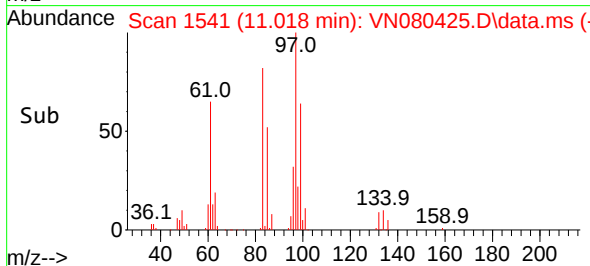
Instrument :
MSVOA_N
ClientSampleId :
VN1208MBS01



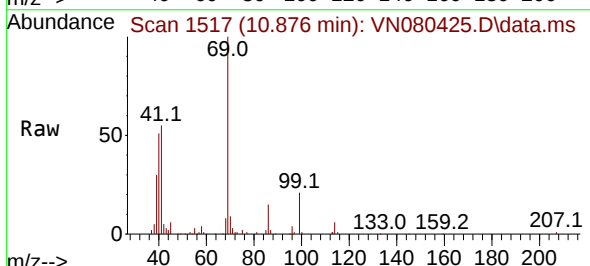
Tgt Ion:	97	Resp:	8385
Ion Ratio	Lower	Upper	
97	100		
83	82.1	65.1	97.7
85	52.2	43.4	65.2
99	64.2	49.2	73.8

Manual Integrations
APPROVED

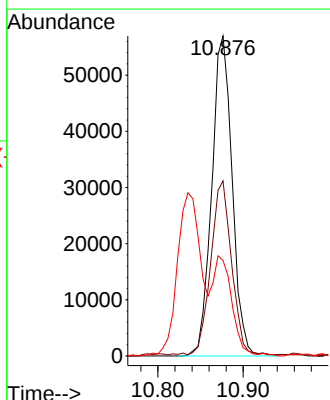
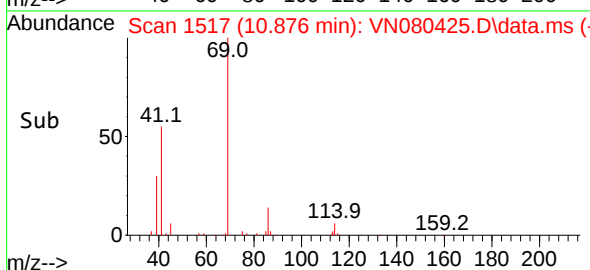
Reviewed By :Mahesh Dadoda 12/12/2023
Supervised By :Semsettin Yesilyurt 12/12/2023

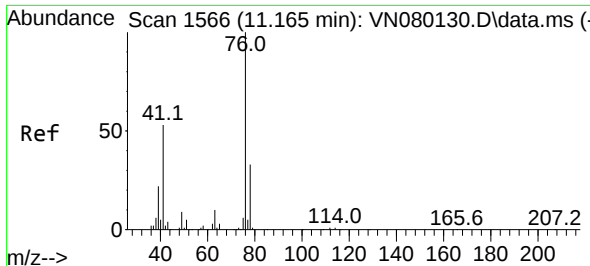


#56
Ethyl methacrylate
Concen: 22.455 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. -0.000 min
Lab File: VN080425.D
Acq: 08 Dec 2023 22:42



Tgt Ion:	69	Resp:	94949
Ion Ratio	Lower	Upper	
69	100		
41	55.2	39.6	59.4
39	28.0	28.6	43.0





#57

1,3-Dichloropropane

Concen: 20.807 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. -0.000 min

Lab File: VN080425.D

Acq: 08 Dec 2023 22:42

Instrument :

MSVOA_N

ClientSampleId :

VN1208MBS01

Tgt Ion: 76 Resp: 150359

Ion Ratio Lower Upper

76 100

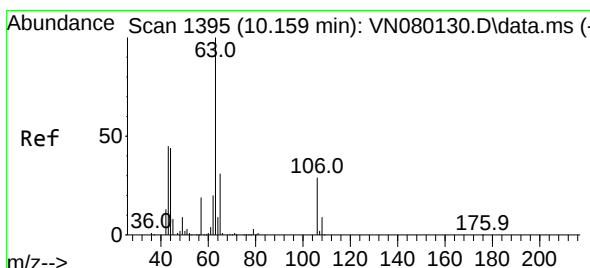
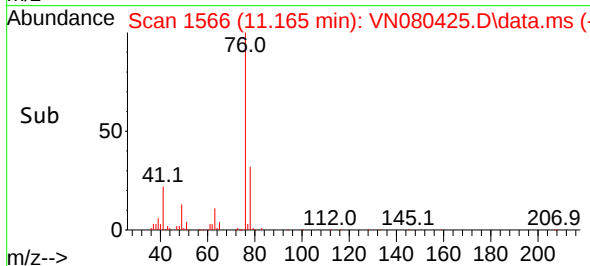
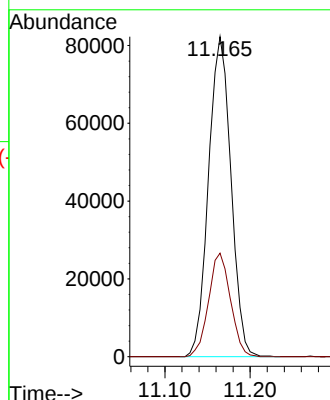
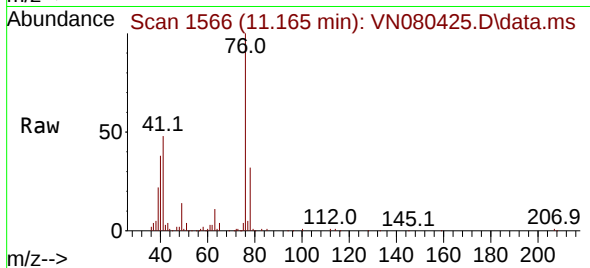
78 31.6 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/12/2023

Supervised By :Semsettin Yesilyurt 12/12/2023



#58

2-Chloroethyl Vinyl ether

Concen: 118.453 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. -0.000 min

Lab File: VN080425.D

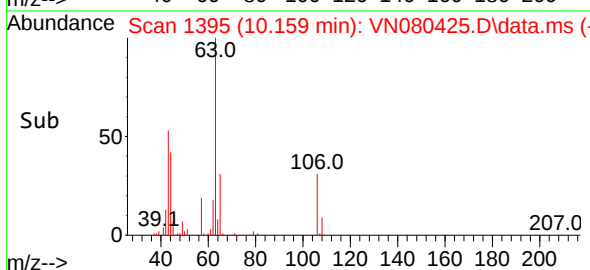
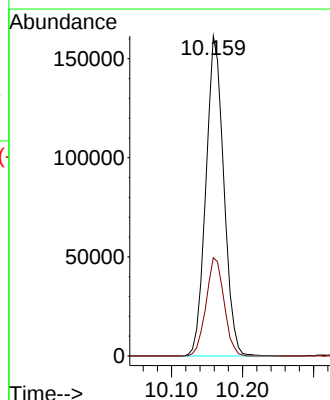
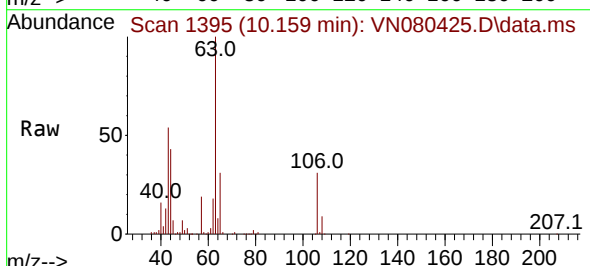
Acq: 08 Dec 2023 22:42

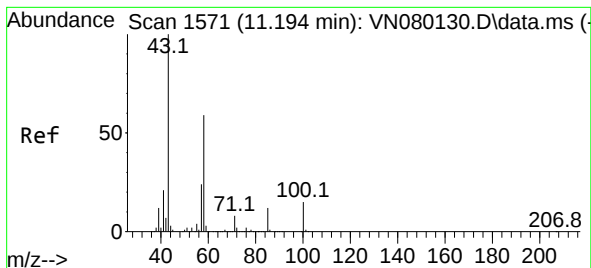
Tgt Ion: 63 Resp: 282170

Ion Ratio Lower Upper

63 100

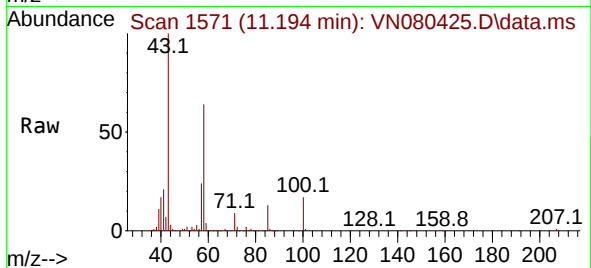
106 31.0 26.2 39.4





#59
2-Hexanone
Concen: 89.372 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN080425.D
Acq: 08 Dec 2023 22:42

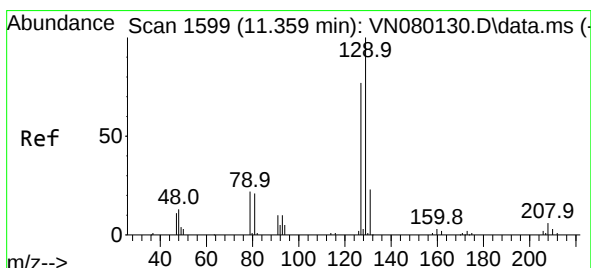
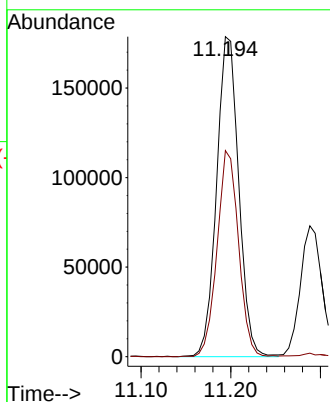
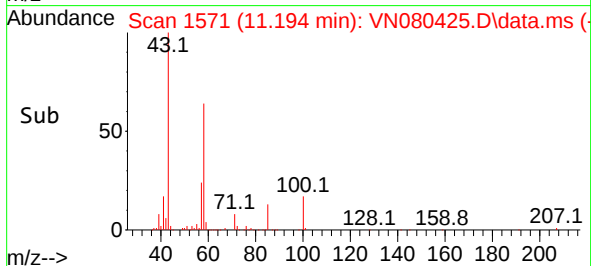
Instrument :
MSVOA_N
ClientSampleId :
VN1208MBS01



Tgt Ion: 43 Resp: 305980
Ion Ratio Lower Upper
43 100
58 62.5 31.7 95.1

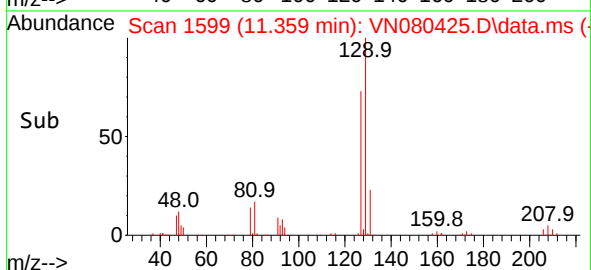
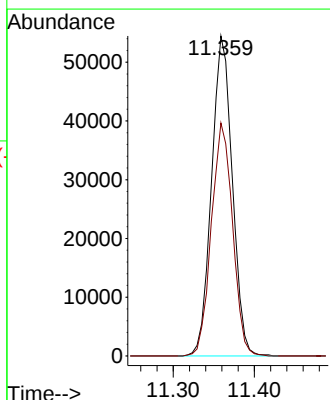
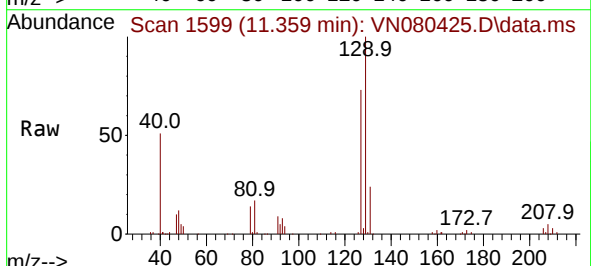
Manual Integrations
APPROVED

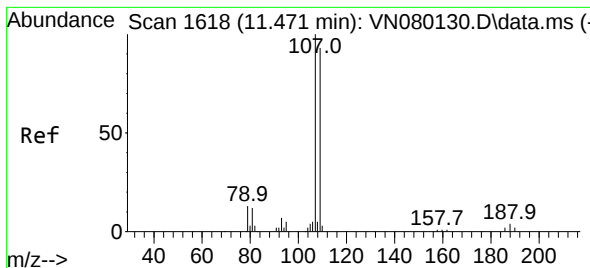
Reviewed By :Mahesh Dadoda 12/12/2023
Supervised By :Semsettin Yesilyurt 12/12/2023



#60
Dibromochloromethane
Concen: 19.522 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN080425.D
Acq: 08 Dec 2023 22:42

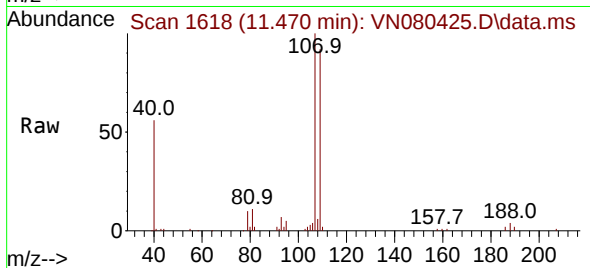
Tgt Ion:129 Resp: 96735
Ion Ratio Lower Upper
129 100
127 74.3 38.6 116.0





#61
1,2-Dibromoethane
Concen: 19.982 ug/l
RT: 11.470 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VN080425.D
Acq: 08 Dec 2023 22:42

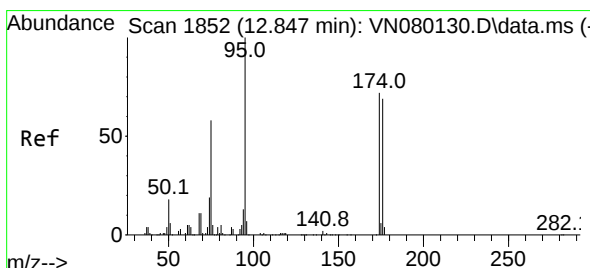
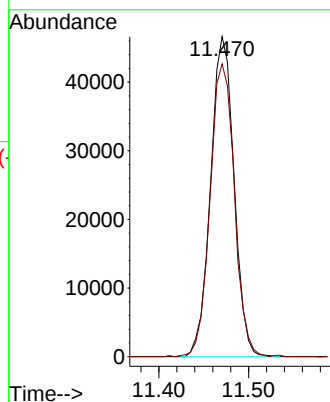
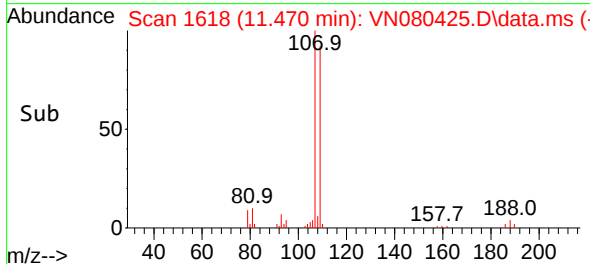
Instrument :
MSVOA_N
ClientSampleId :
VN1208MBS01



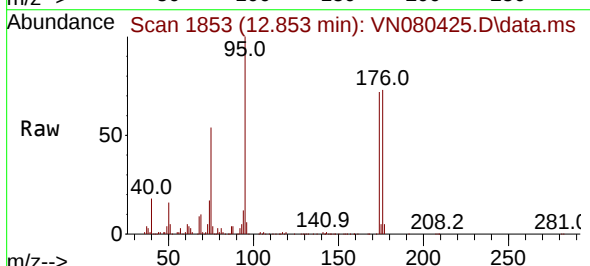
Tgt Ion:107 Resp: 84370
Ion Ratio Lower Upper
107 100
109 94.7 76.6 114.8

Manual Integrations
APPROVED

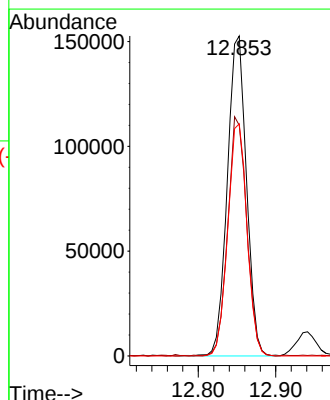
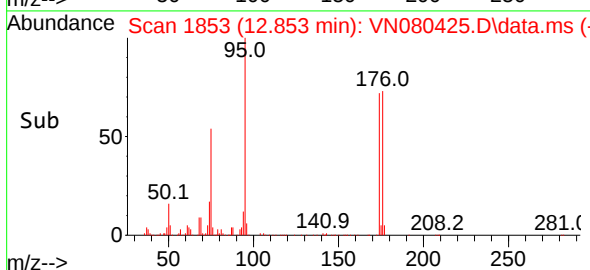
Reviewed By :Mahesh Dadoda 12/12/2023
Supervised By :Semsettin Yesilyurt 12/12/2023

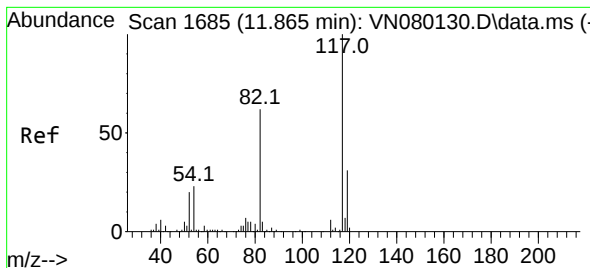


#62
4-Bromofluorobenzene
Concen: 45.870 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN080425.D
Acq: 08 Dec 2023 22:42



Tgt Ion: 95 Resp: 263017
Ion Ratio Lower Upper
95 100
174 74.1 0.0 143.8
176 72.7 0.0 135.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN080425.D

Acq: 08 Dec 2023 22:42

Instrument :

MSVOA_N

ClientSampleId :

VN1208MBS01

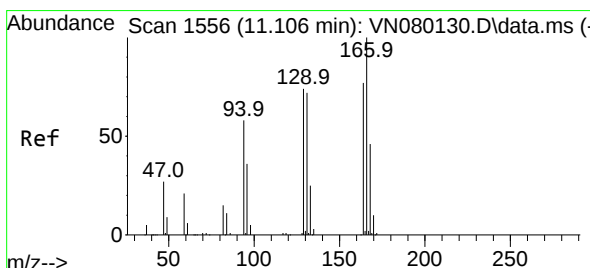
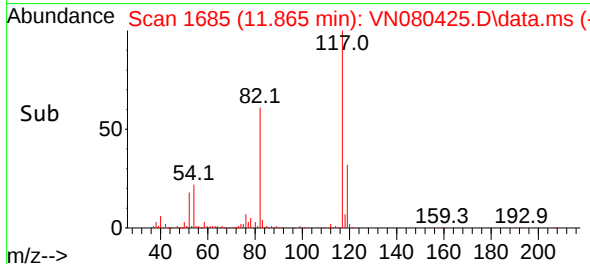
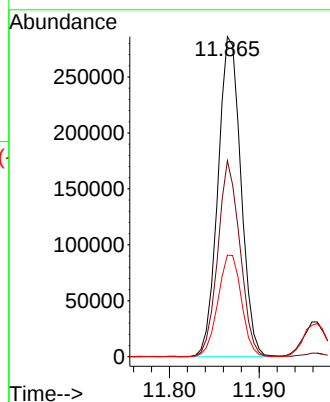
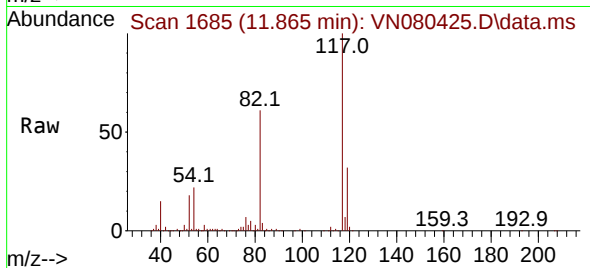
Tgt Ion:117 Resp: 50874

Ion	Ratio	Lower	Upper
117	100		
82	61.2	44.0	66.0
119	31.8	25.6	38.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/12/2023
Supervised By :Semsettin Yesilyurt 12/12/2023



#64

Tetrachloroethene

Concen: 19.475 ug/l

RT: 11.106 min Scan# 1556

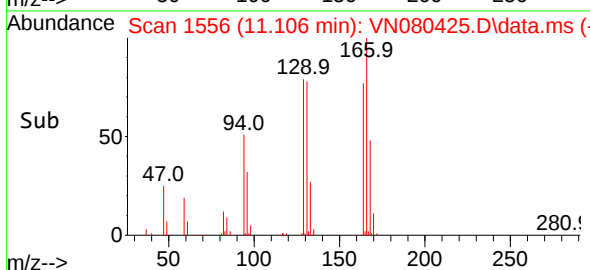
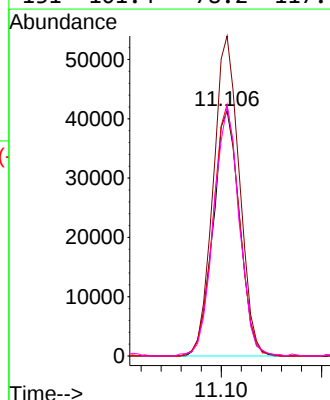
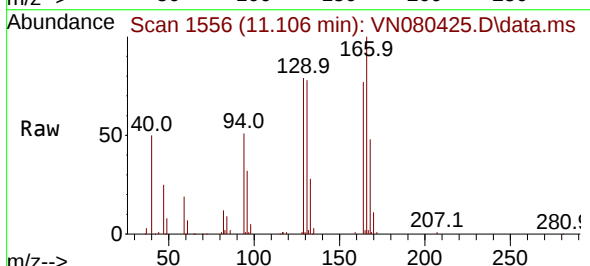
Delta R.T. -0.000 min

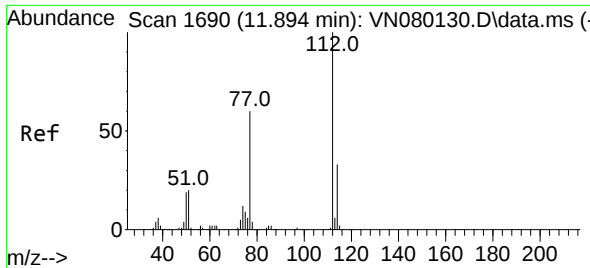
Lab File: VN080425.D

Acq: 08 Dec 2023 22:42

Tgt Ion:164 Resp: 75611

Ion	Ratio	Lower	Upper
164	100		
166	130.6	101.4	152.0
129	102.6	82.4	123.6
131	101.4	78.2	117.4





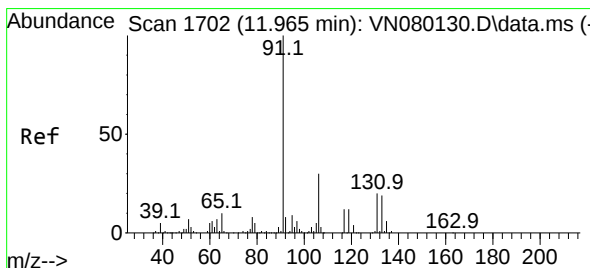
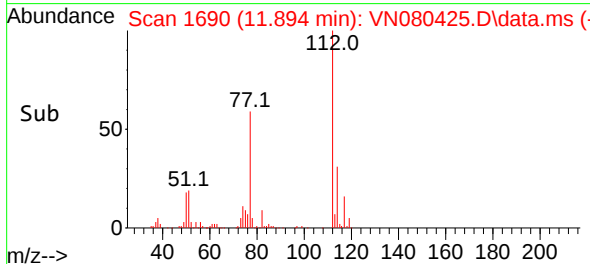
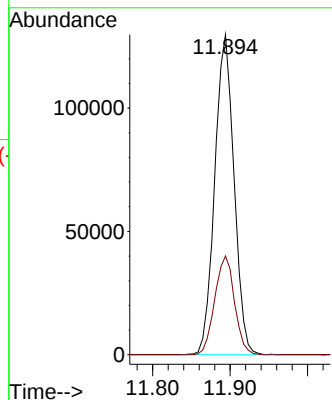
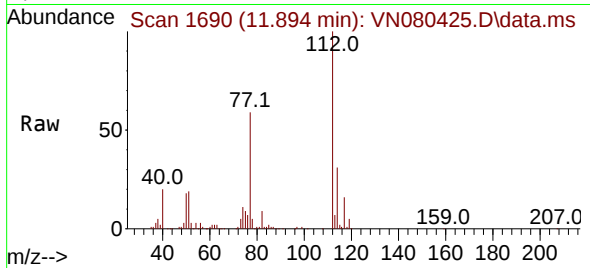
#65
Chlorobenzene
Concen: 19.419 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. -0.000 min
Lab File: VN080425.D
Acq: 08 Dec 2023 22:42

Instrument :
MSVOA_N
ClientSampleId :
VN1208MBS01

Tgt Ion:112 Resp: 22385
Ion Ratio Lower Upper
112 100
114 30.9 25.0 37.4

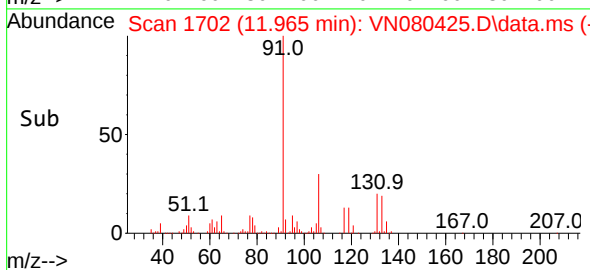
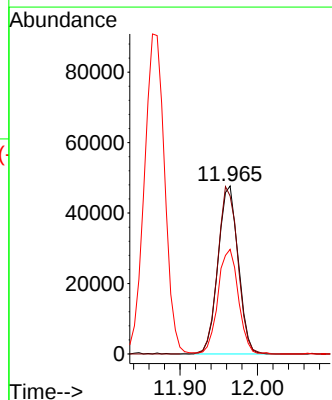
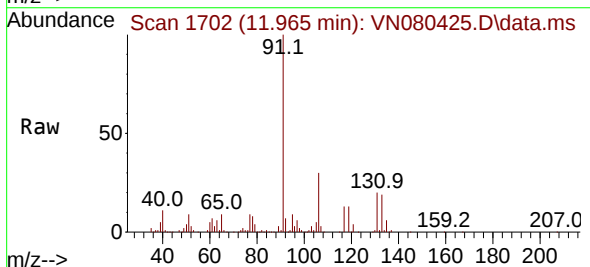
Manual Integrations
APPROVED

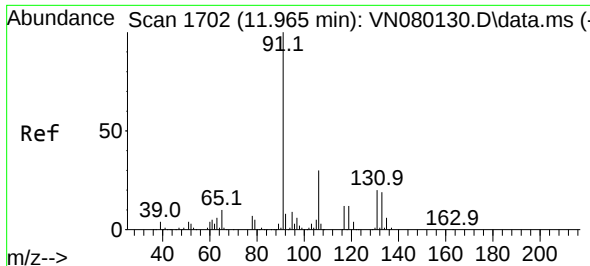
Reviewed By :Mahesh Dadoda 12/12/2023
Supervised By :Semsettin Yesilyurt 12/12/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 19.303 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN080425.D
Acq: 08 Dec 2023 22:42

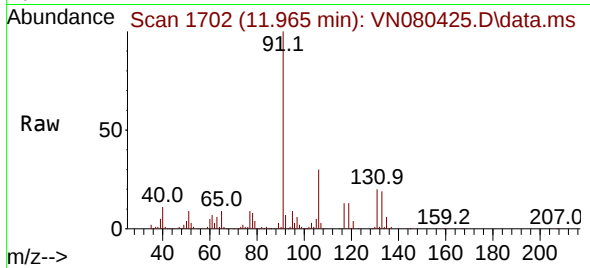
Tgt Ion:131 Resp: 86352
Ion Ratio Lower Upper
131 100
133 99.3 46.4 139.1
119 62.9 34.1 102.2





#67
Ethyl Benzene
Concen: 18.901 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN080425.D
Acq: 08 Dec 2023 22:42

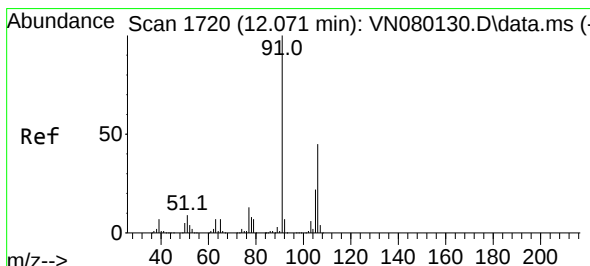
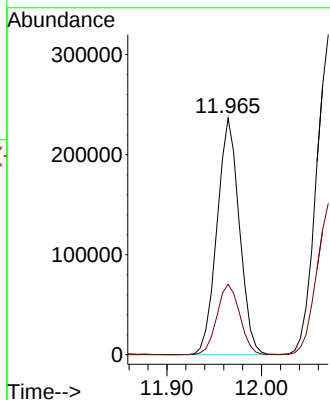
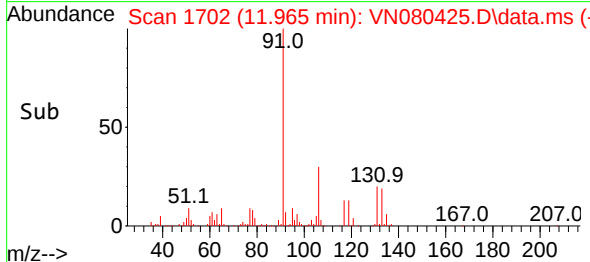
Instrument :
MSVOA_N
ClientSampleId :
VN1208MBS01



Tgt Ion: 91 Resp: 38772
Ion Ratio Lower Upper
91 100
106 29.8 25.6 38.4

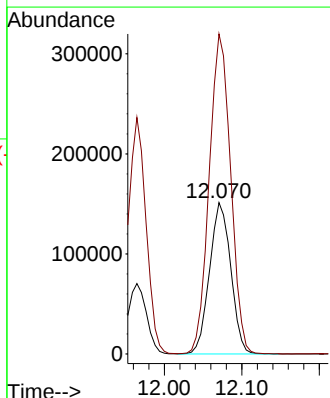
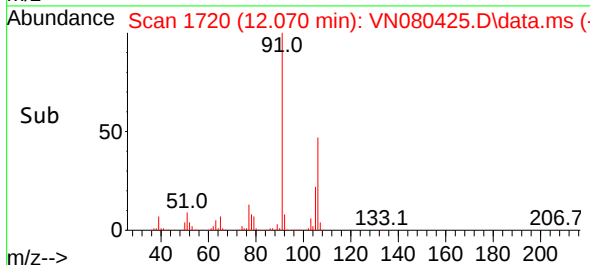
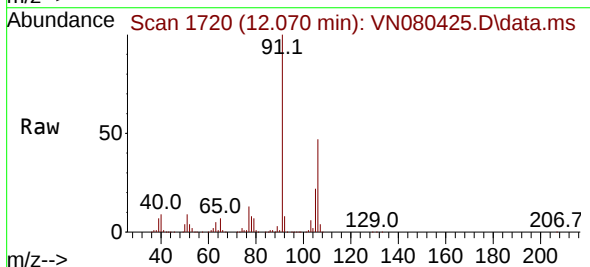
Manual Integrations
APPROVED

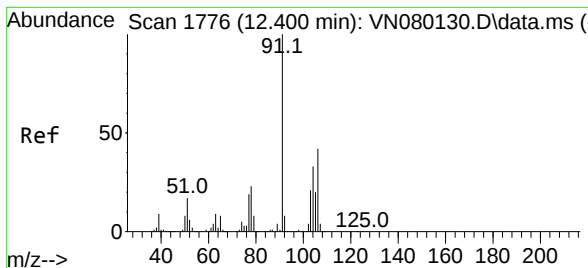
Reviewed By :Mahesh Dadoda 12/12/2023
Supervised By :Semsettin Yesilyurt 12/12/2023



#68
m/p-Xylenes
Concen: 38.492 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN080425.D
Acq: 08 Dec 2023 22:42

Tgt Ion:106 Resp: 287888
Ion Ratio Lower Upper
106 100
91 214.0 159.6 239.4





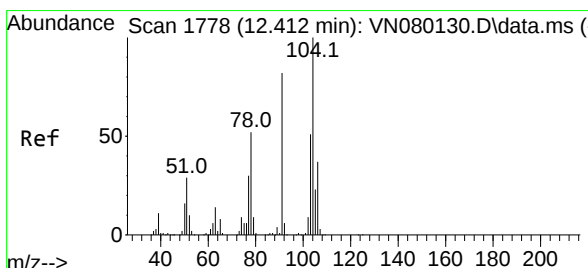
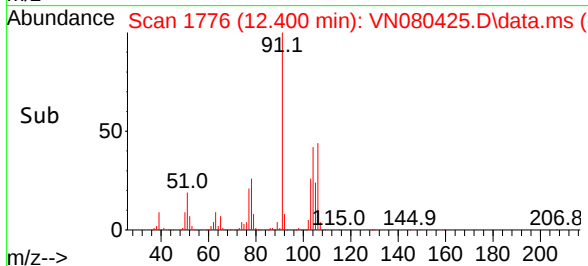
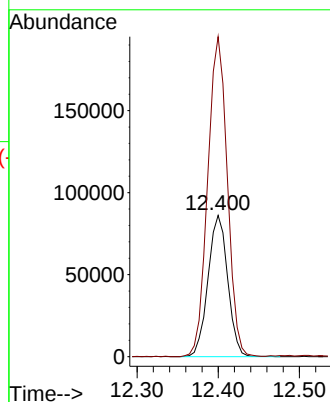
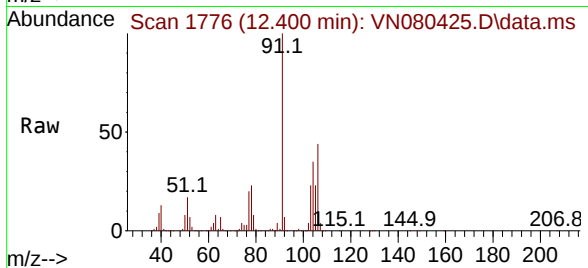
#69
o-Xylene
Concen: 20.553 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN080425.D
Acq: 08 Dec 2023 22:42

Instrument :
MSVOA_N
ClientSampleId :
VN1208MBS01

Tgt Ion:106 Resp: 144869
Ion Ratio Lower Upper
106 100
91 225.8 105.2 315.5

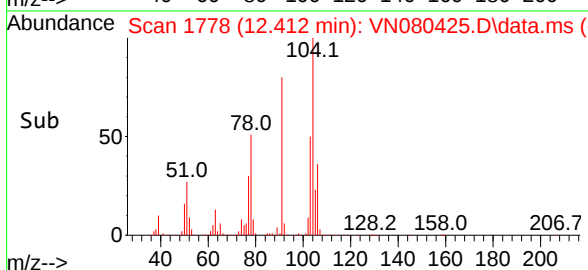
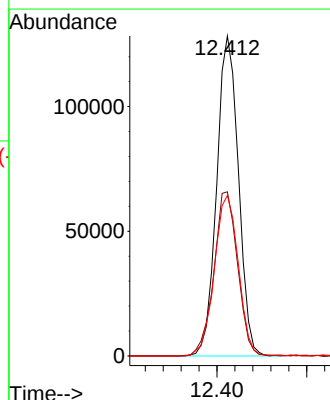
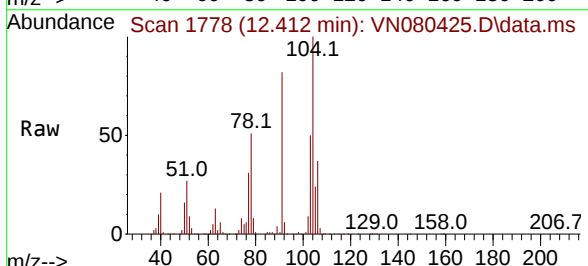
Manual Integrations
APPROVED

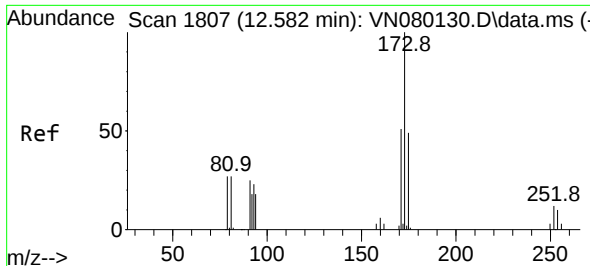
Reviewed By :Mahesh Dadoda 12/12/2023
Supervised By :Semsettin Yesilyurt 12/12/2023



#70
Styrene
Concen: 20.576 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN080425.D
Acq: 08 Dec 2023 22:42

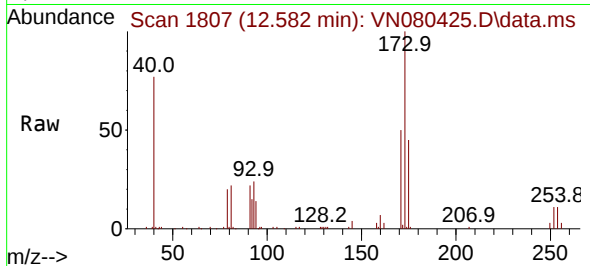
Tgt Ion:104 Resp: 215858
Ion Ratio Lower Upper
104 100
78 55.7 39.5 59.3
103 55.3 43.2 64.8





#71
Bromoform
Concen: 18.743 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VN080425.D
Acq: 08 Dec 2023 22:42

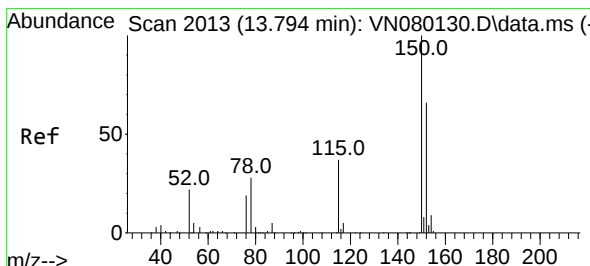
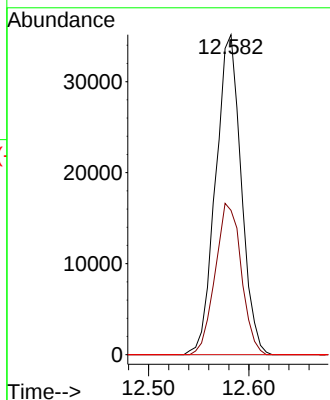
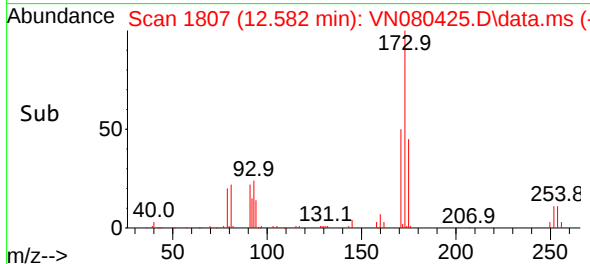
Instrument :
MSVOA_N
ClientSampleId :
VN1208MBS01



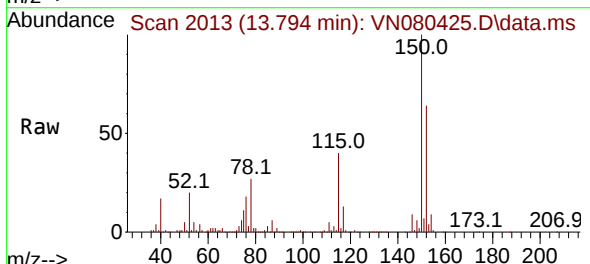
Tgt Ion:173 Resp: 6218
Ion Ratio Lower Upper
173 100
175 48.3 24.3 73.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

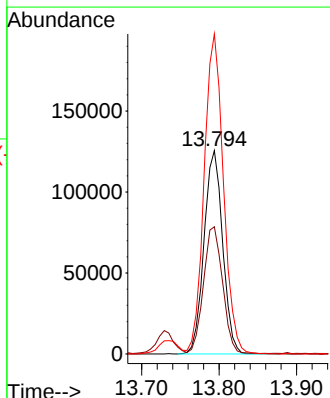
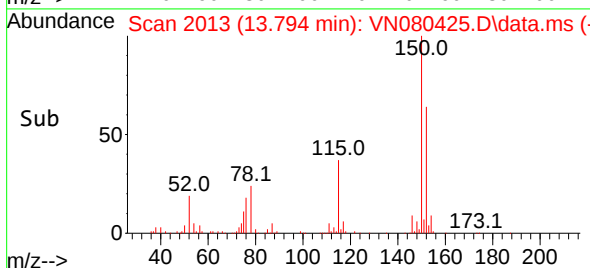
Reviewed By :Mahesh Dadoda 12/12/2023
Supervised By :Semsettin Yesilyurt 12/12/2023

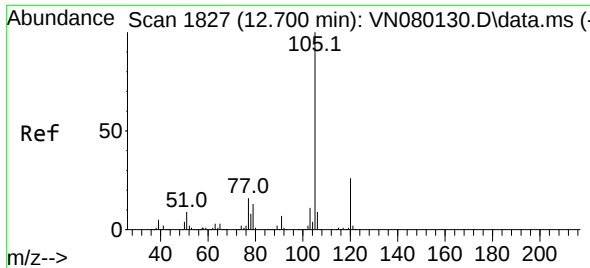


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN080425.D
Acq: 08 Dec 2023 22:42



Tgt Ion:152 Resp: 209637
Ion Ratio Lower Upper
152 100
115 63.8 32.3 96.8
150 162.3 0.0 355.8





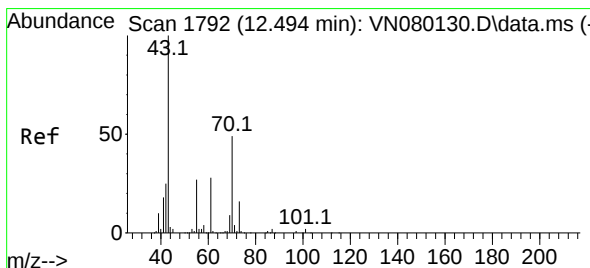
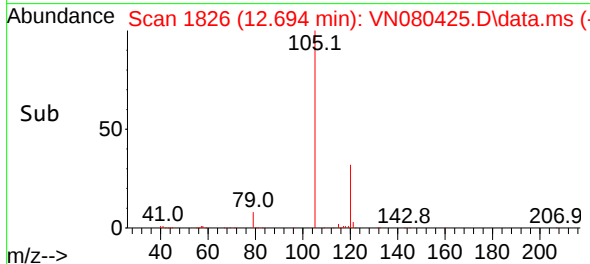
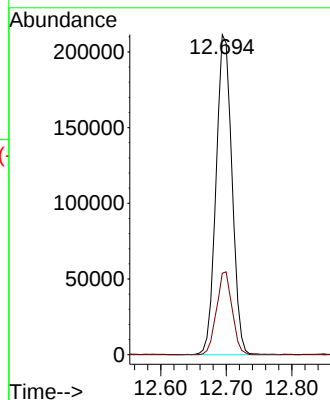
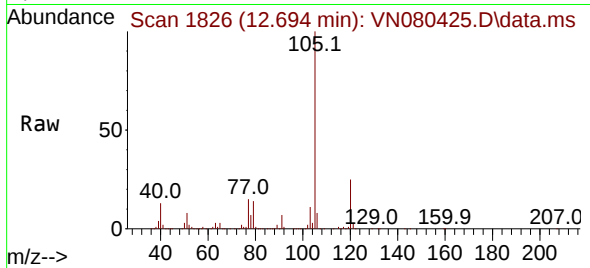
#73
Isopropylbenzene
Concen: 21.811 ug/l
RT: 12.694 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN080425.D
Acq: 08 Dec 2023 22:42

Instrument :
MSVOA_N
ClientSampleId :
VN1208MBS01

Tgt Ion:105 Resp: 35531
Ion Ratio Lower Upper
105 100
120 25.4 13.1 39.1

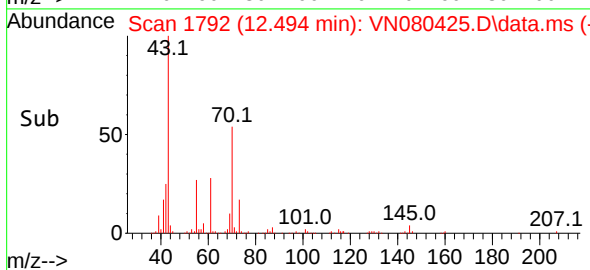
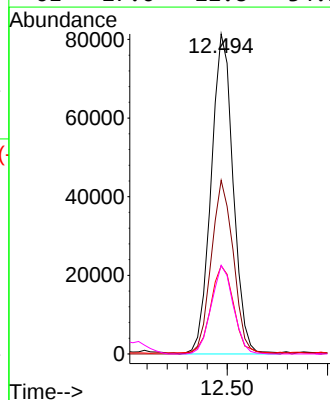
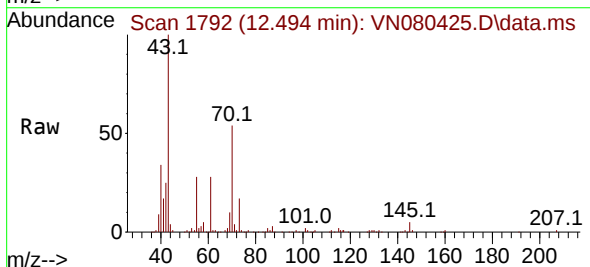
Manual Integrations
APPROVED

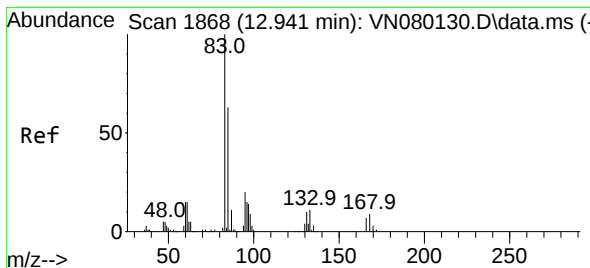
Reviewed By :Mahesh Dadoda 12/12/2023
Supervised By :Semsettin Yesilyurt 12/12/2023



#74
N-ethyl acetate
Concen: 24.505 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VN080425.D
Acq: 08 Dec 2023 22:42

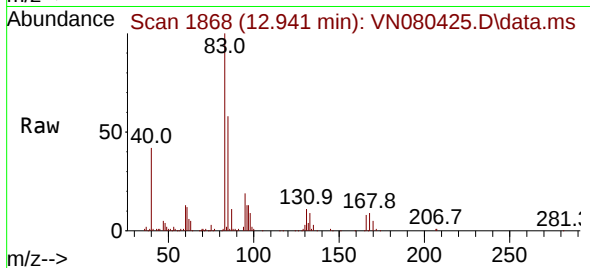
Tgt Ion: 43 Resp: 124489
Ion Ratio Lower Upper
43 100
70 54.4 43.4 65.2
55 28.6 21.4 32.0
61 27.6 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 21.409 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VN080425.D
Acq: 08 Dec 2023 22:42

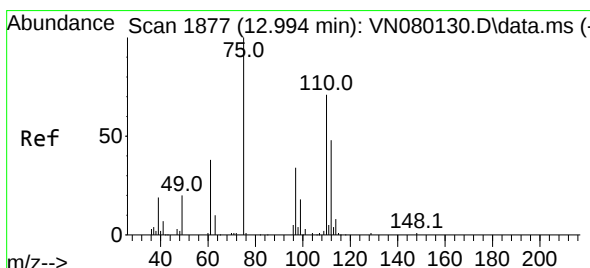
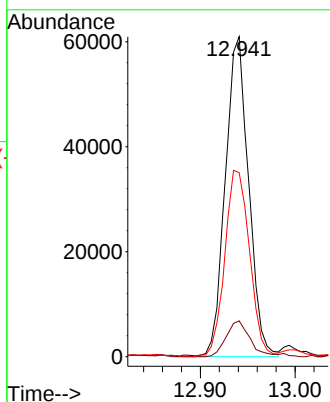
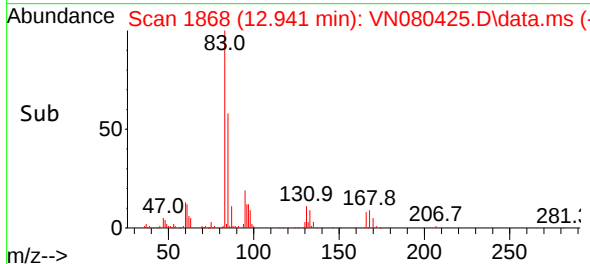
Instrument :
MSVOA_N
ClientSampleId :
VN1208MBS01



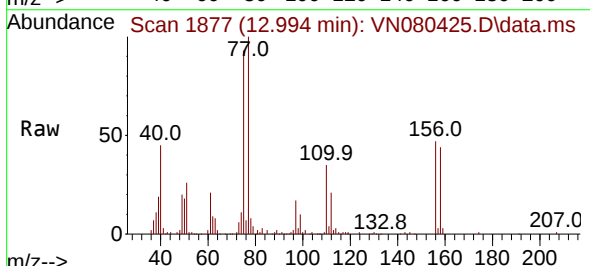
Tgt Ion: 83 Resp: 104384
Ion Ratio Lower Upper
83 100
131 11.7 5.0 15.0
85 61.5 31.9 95.7

Manual Integrations
APPROVED

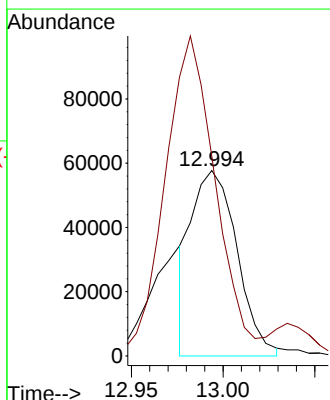
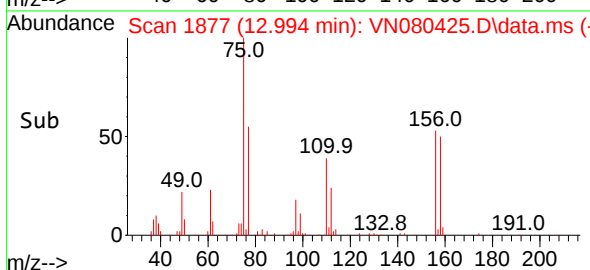
Reviewed By :Mahesh Dadoda 12/12/2023
Supervised By :Semsettin Yesilyurt 12/12/2023

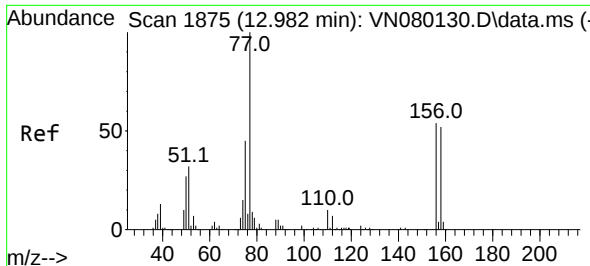


#76
1,2,3-Trichloropropane
Concen: 19.365 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.000 min
Lab File: VN080425.D
Acq: 08 Dec 2023 22:42



Tgt Ion: 75 Resp: 99467
Ion Ratio Lower Upper
75 100
77 190.7 84.5 253.5





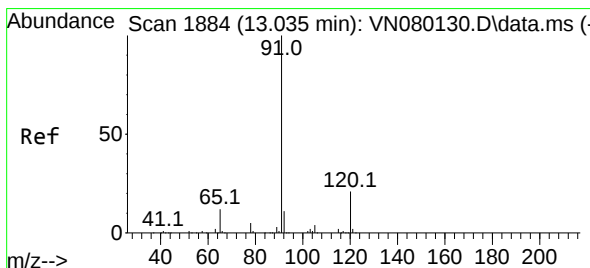
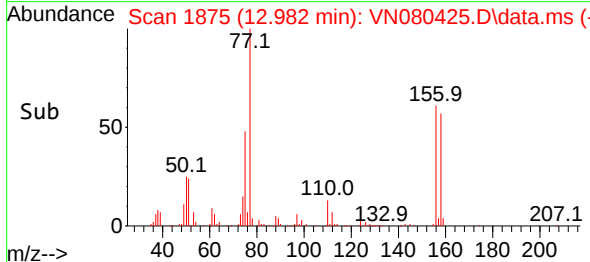
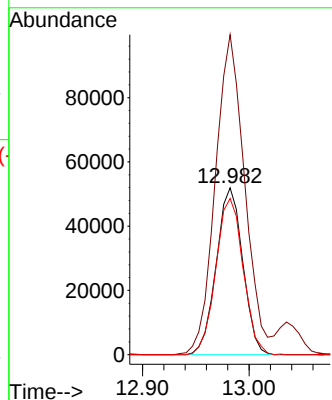
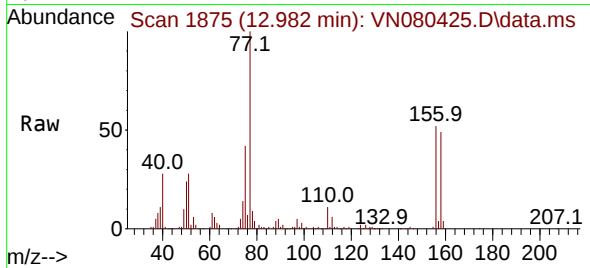
#77
Bromobenzene
Concen: 21.791 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VN080425.D
Acq: 08 Dec 2023 22:42

Instrument :
MSVOA_N
ClientSampleId :
VN1208MBS01

Tgt Ion:156 Resp: 89499
Ion Ratio Lower Upper
156 100
77 211.9 107.7 323.3
158 96.8 48.4 145.3

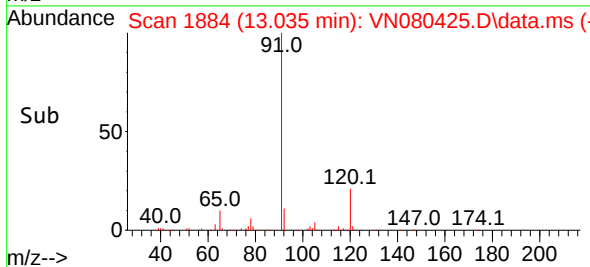
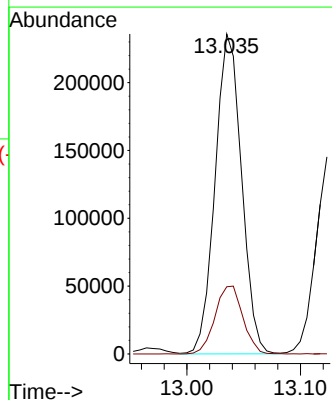
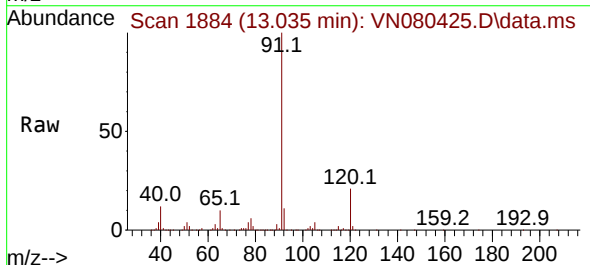
Manual Integrations
APPROVED

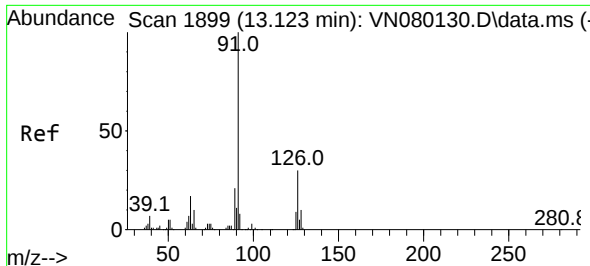
Reviewed By :Mahesh Dadoda 12/12/2023
Supervised By :Semsettin Yesilyurt 12/12/2023



#78
n-propylbenzene
Concen: 20.946 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN080425.D
Acq: 08 Dec 2023 22:42

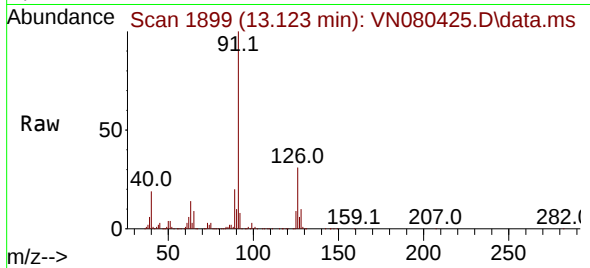
Tgt Ion: 91 Resp: 381564
Ion Ratio Lower Upper
91 100
120 22.3 11.5 34.4





#79
2-Chlorotoluene
Concen: 21.710 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN080425.D
Acq: 08 Dec 2023 22:42

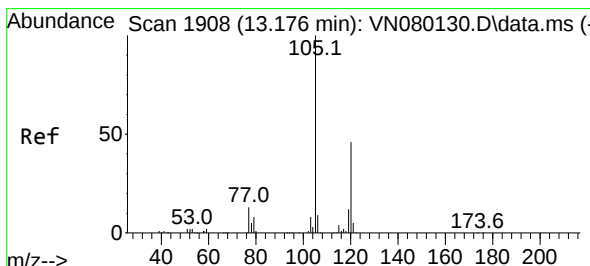
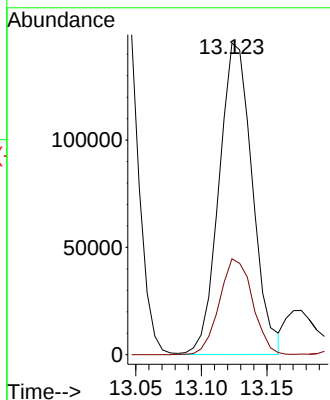
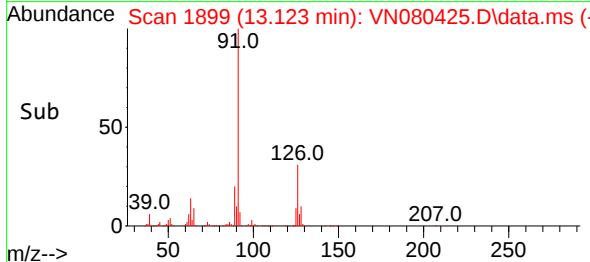
Instrument :
MSVOA_N
ClientSampleId :
VN1208MBS01



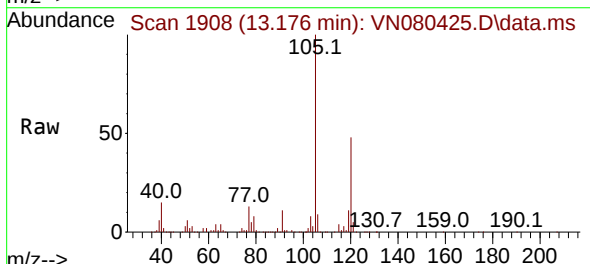
Tgt Ion: 91 Resp: 256854
Ion Ratio Lower Upper
91 100
126 30.7 16.3 48.8

Manual Integrations
APPROVED

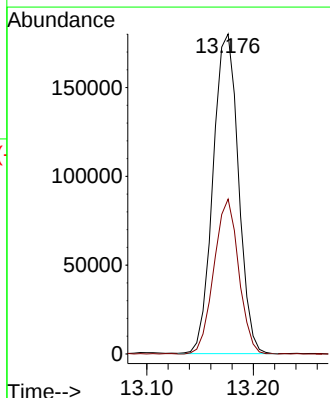
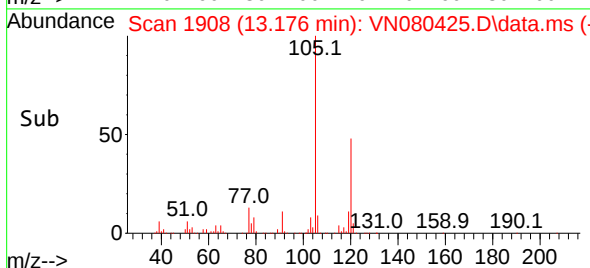
Reviewed By :Mahesh Dadoda 12/12/2023
Supervised By :Semsettin Yesilyurt 12/12/2023

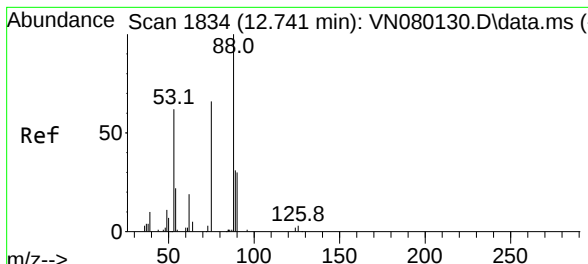


#80
1,3,5-Trimethylbenzene
Concen: 20.989 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VN080425.D
Acq: 08 Dec 2023 22:42



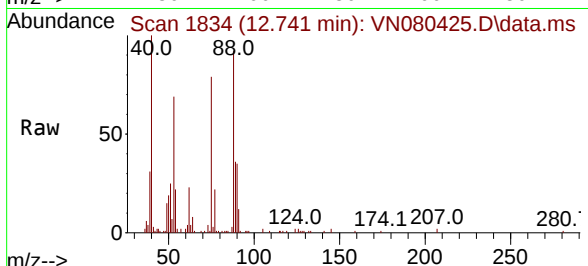
Tgt Ion:105 Resp: 297639
Ion Ratio Lower Upper
105 100
120 47.1 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 23.048 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. -0.000 min
Lab File: VN080425.D
Acq: 08 Dec 2023 22:42

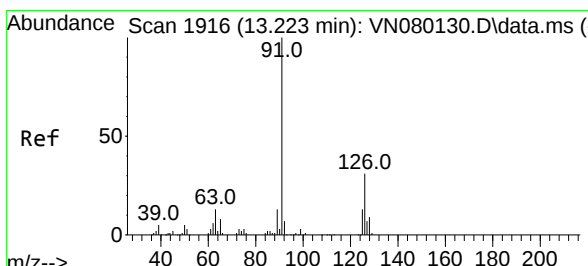
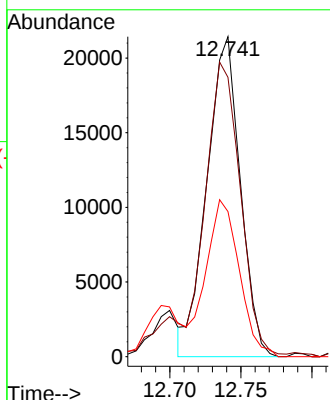
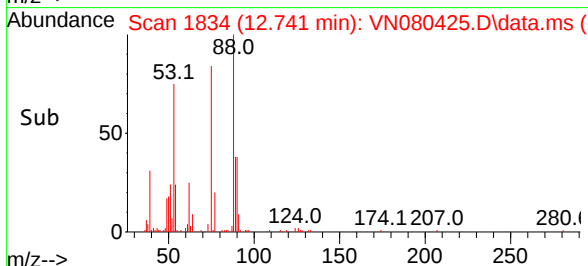
Instrument : MSVOA_N
ClientSampleId : VN1208MBS01



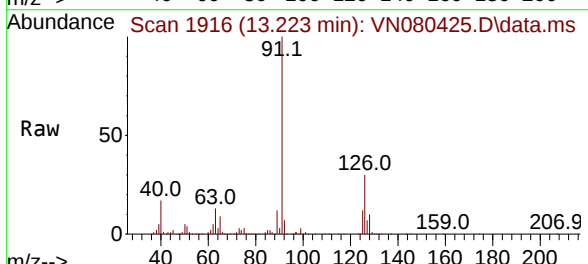
Tgt Ion: 75 Resp: 35040
Ion Ratio Lower Upper
75 100
53 107.8 67.4 101.2
89 49.0 38.8 58.2

Manual Integrations
APPROVED

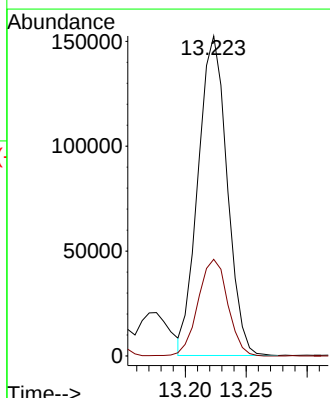
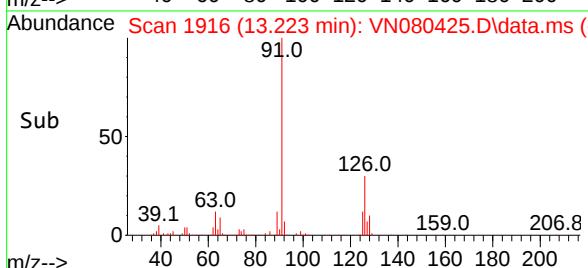
Reviewed By :Mahesh Dadoda 12/12/2023
Supervised By :Semsettin Yesilyurt 12/12/2023

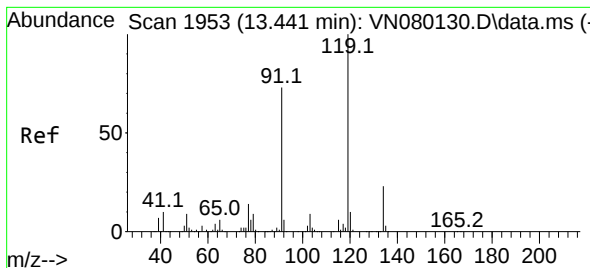


#82
4-Chlorotoluene
Concen: 20.869 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN080425.D
Acq: 08 Dec 2023 22:42



Tgt Ion: 91 Resp: 252948
Ion Ratio Lower Upper
91 100
126 30.9 16.7 50.0





#83

tert-Butylbenzene

Concen: 21.136 ug/l

RT: 13.441 min Scan# 1953

Delta R.T. -0.000 min

Lab File: VN080425.D

Acq: 08 Dec 2023 22:42

Instrument :

MSVOA_N

ClientSampleId :

VN1208MBS01

Tgt Ion:119 Resp: 240358

Ion Ratio Lower Upper

119 100

91 69.2 33.9 101.7

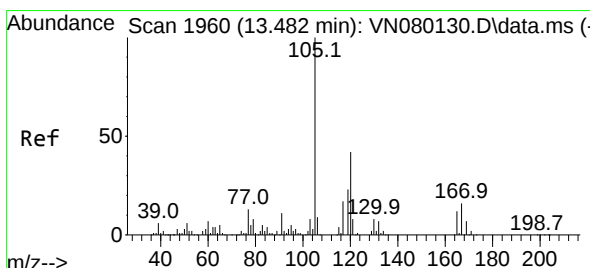
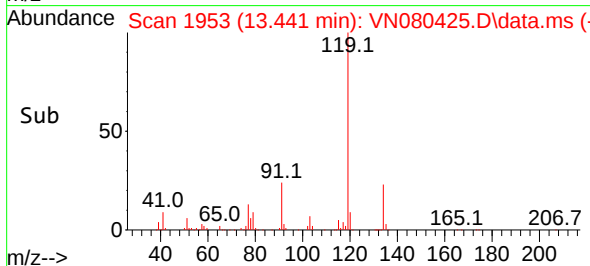
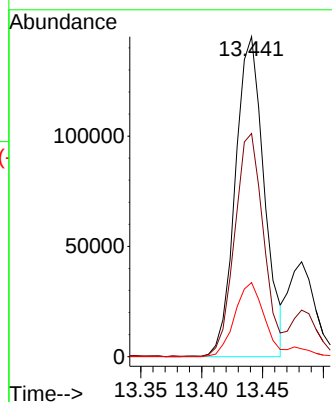
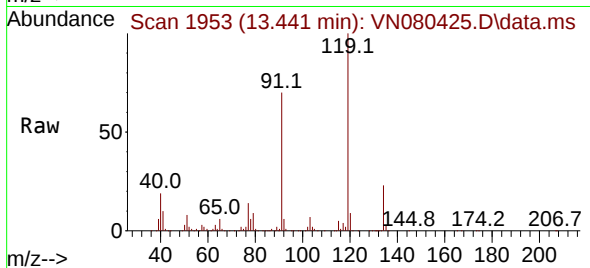
134 23.7 13.2 39.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/12/2023

Supervised By :Semsettin Yesilyurt 12/12/2023



#84

1,2,4-Trimethylbenzene

Concen: 21.554 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. -0.000 min

Lab File: VN080425.D

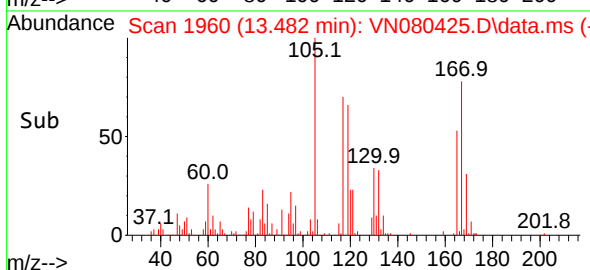
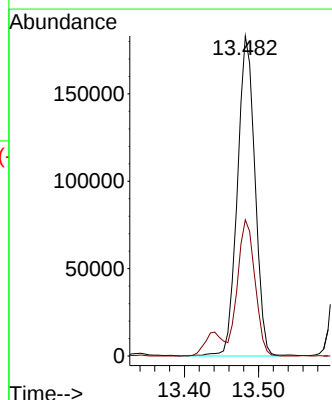
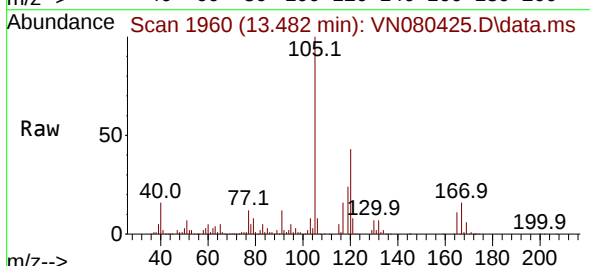
Acq: 08 Dec 2023 22:42

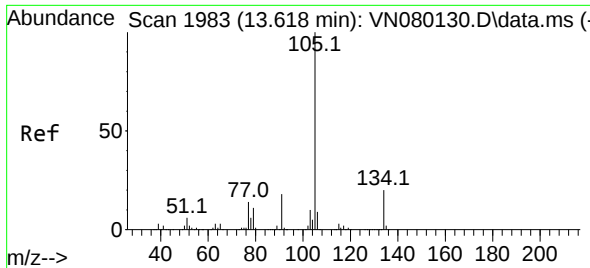
Tgt Ion:105 Resp: 300973

Ion Ratio Lower Upper

105 100

120 41.8 22.0 66.0





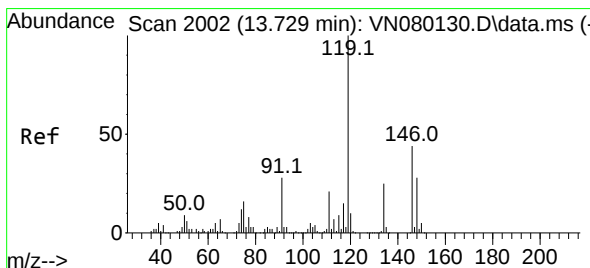
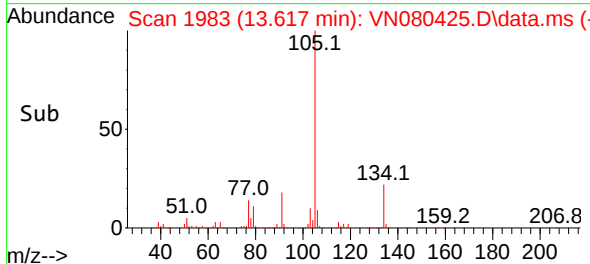
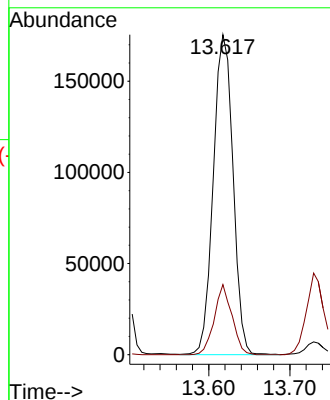
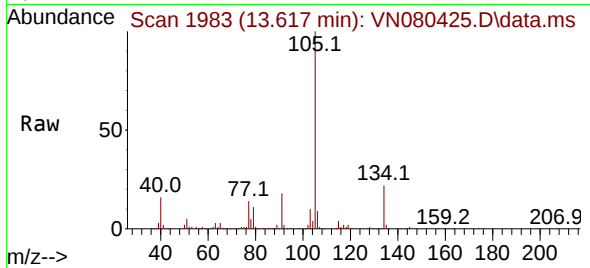
#85
 sec-Butylbenzene
 Concen: 20.620 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. -0.000 min
 Lab File: VN080425.D
 Acq: 08 Dec 2023 22:42

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1208MBS01

Tgt Ion:105 Resp: 296629
 Ion Ratio Lower Upper
 105 100
 134 19.6 9.8 29.3

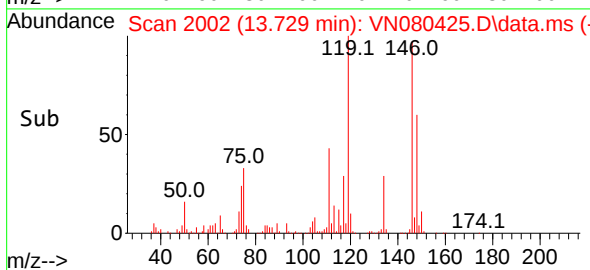
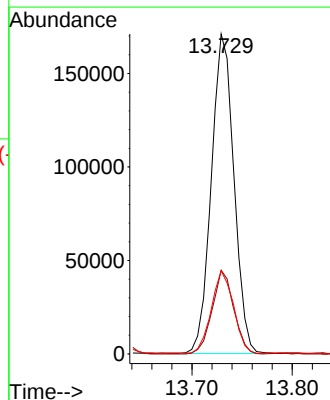
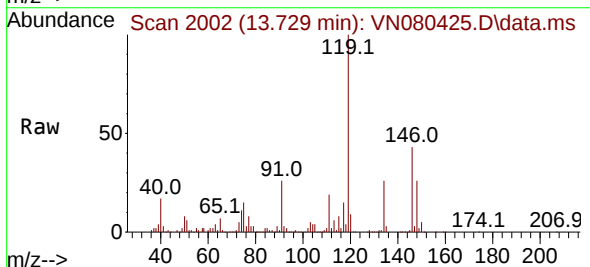
Manual Integrations
 APPROVED

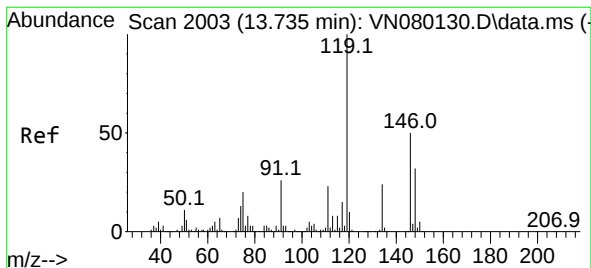
Reviewed By :Mahesh Dadoda 12/12/2023
 Supervised By :Semsettin Yesilyurt 12/12/2023



#86
 p-Isopropyltoluene
 Concen: 20.790 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN080425.D
 Acq: 08 Dec 2023 22:42

Tgt Ion:119 Resp: 267172
 Ion Ratio Lower Upper
 119 100
 134 25.0 12.6 37.8
 91 25.4 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 18.505 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. -0.000 min

Lab File: VN080425.D

Acq: 08 Dec 2023 22:42

Instrument :

MSVOA_N

ClientSampleId :

VN1208MBS01

Tgt Ion:146 Resp: 136929

Ion Ratio Lower Upper

146 100

111 46.2 22.1 66.3

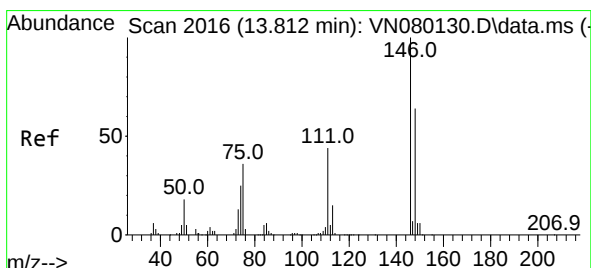
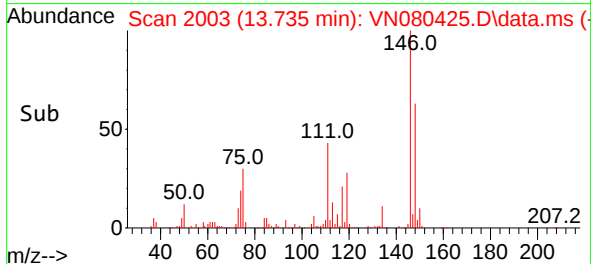
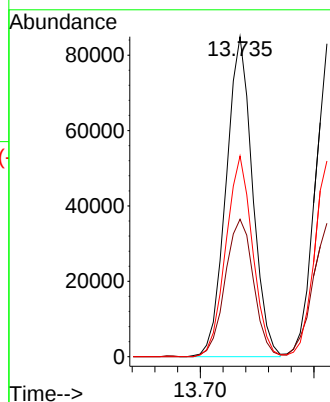
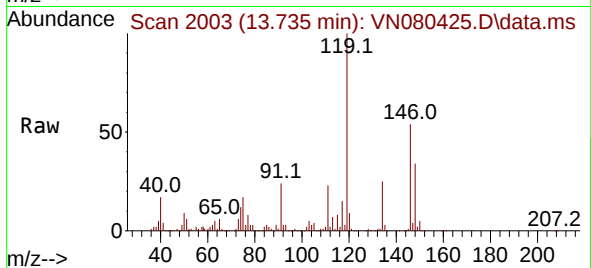
148 63.6 32.0 96.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/12/2023

Supervised By :Semsettin Yesilyurt 12/12/2023



#88

1,4-Dichlorobenzene

Concen: 18.709 ug/l

RT: 13.811 min Scan# 2016

Delta R.T. -0.000 min

Lab File: VN080425.D

Acq: 08 Dec 2023 22:42

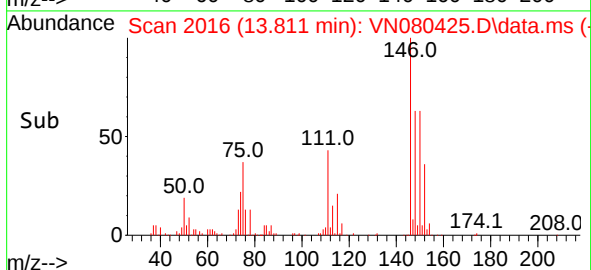
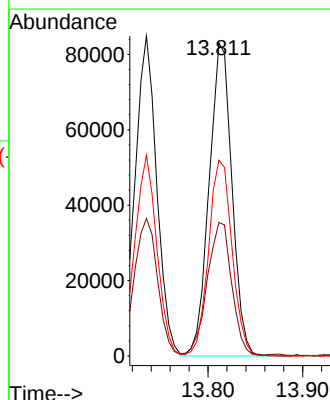
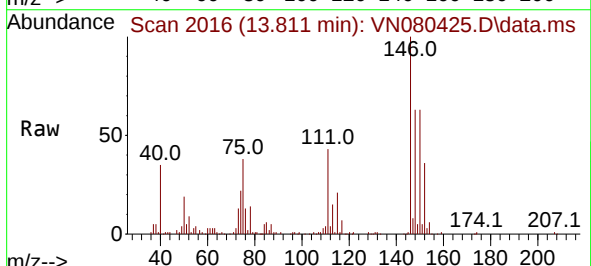
Tgt Ion:146 Resp: 139125

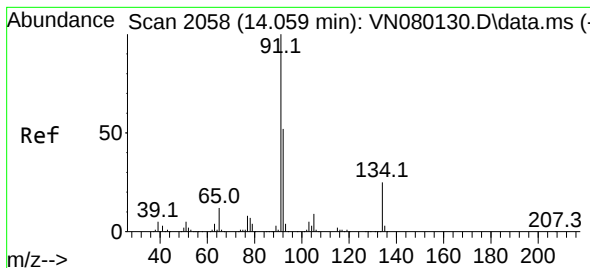
Ion Ratio Lower Upper

146 100

111 45.2 20.6 61.8

148 64.2 31.6 94.8





#89

n-Butylbenzene

Concen: 19.179 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. -0.000 min

Lab File: VN080425.D

Acq: 08 Dec 2023 22:42

Instrument :

MSVOA_N

ClientSampleId :

VN1208MBS01

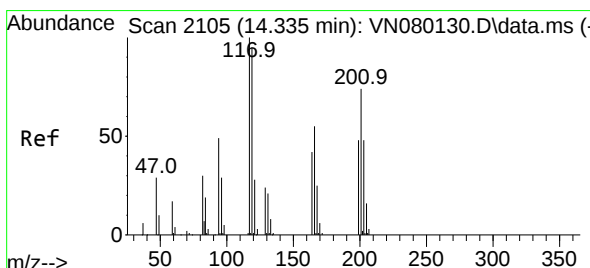
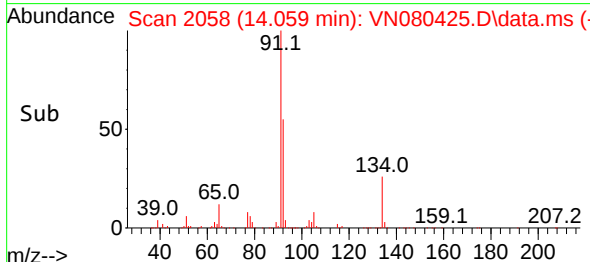
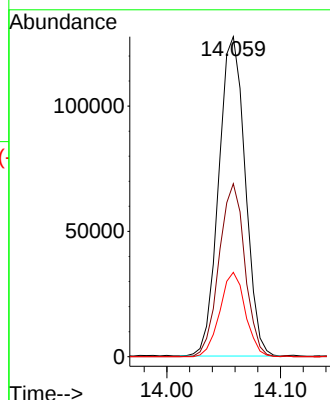
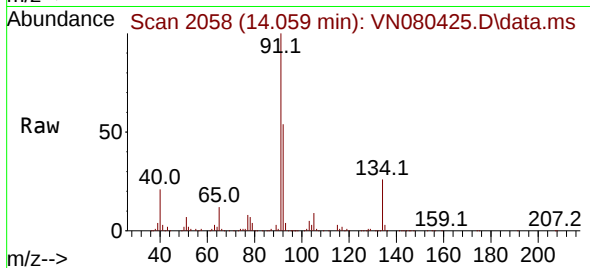
Tgt Ion: 91 Resp: 20629

Ion	Ratio	Lower	Upper
91	100		
92	52.7	26.4	79.0
134	25.5	12.6	37.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/12/2023
Supervised By :Semsettin Yesilyurt 12/12/2023



#90

Hexachloroethane

Concen: 11.691 ug/l

RT: 14.335 min Scan# 2105

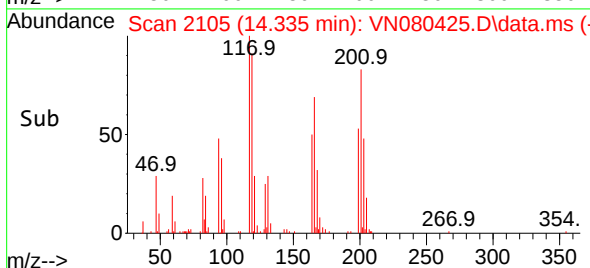
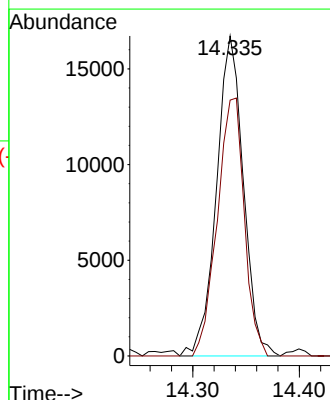
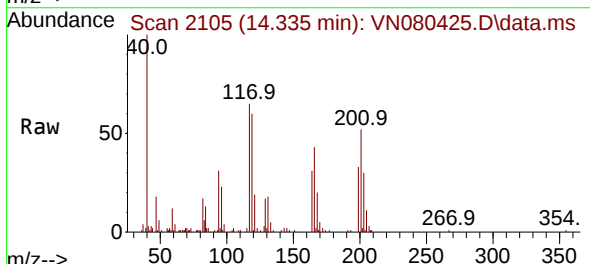
Delta R.T. -0.000 min

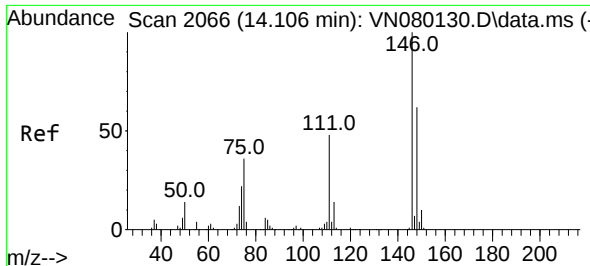
Lab File: VN080425.D

Acq: 08 Dec 2023 22:42

Tgt Ion:117 Resp: 29290

Ion	Ratio	Lower	Upper
117	100		
201	81.0	29.3	88.0





#91

1,2-Dichlorobenzene

Concen: 18.498 ug/l

RT: 14.106 min Scan# 2066

Delta R.T. -0.000 min

Lab File: VN080425.D

Acq: 08 Dec 2023 22:42

Instrument :

MSVOA_N

ClientSampleId :

VN1208MBS01

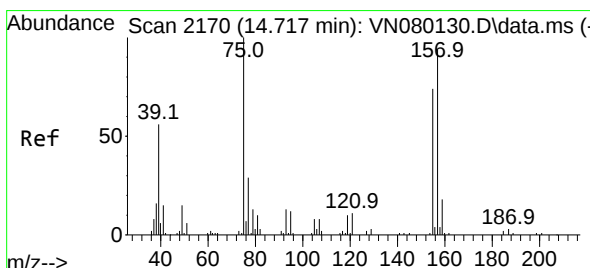
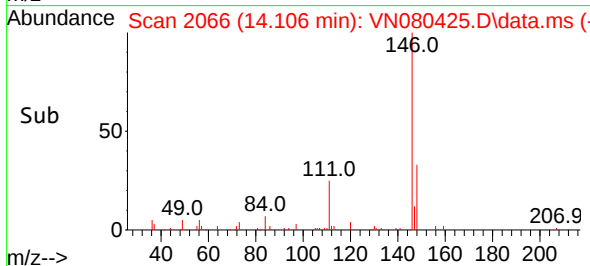
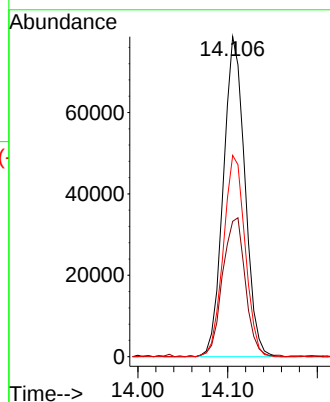
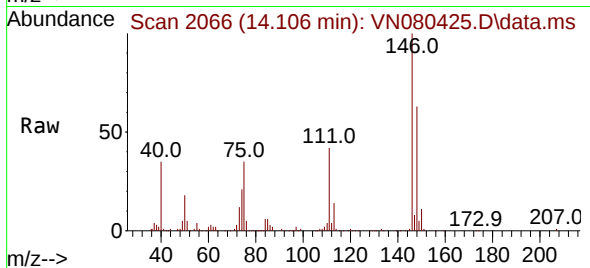
Tgt Ion:146 Resp: 13098

Ion	Ratio	Lower	Upper
146	100		
111	46.1	22.0	66.0
148	63.4	31.8	95.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/12/2023
Supervised By :Semsettin Yesilyurt 12/12/2023



#92

1,2-Dibromo-3-Chloropropane

Concen: 17.415 ug/l

RT: 14.723 min Scan# 2171

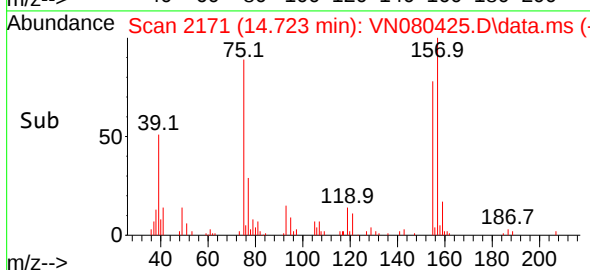
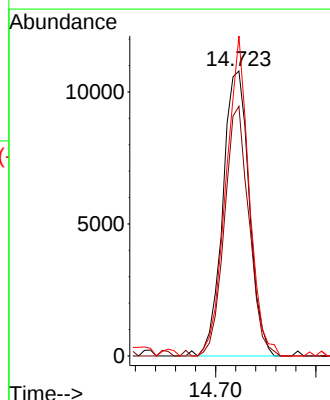
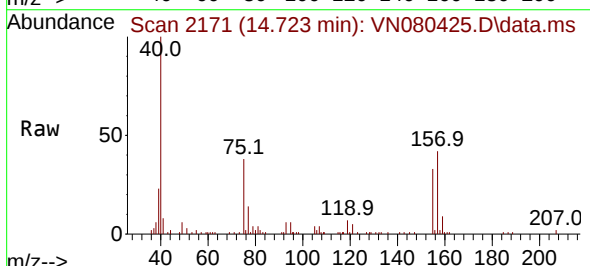
Delta R.T. 0.006 min

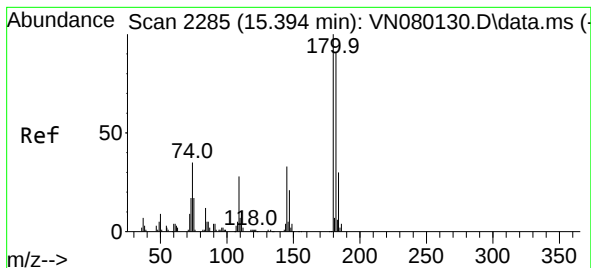
Lab File: VN080425.D

Acq: 08 Dec 2023 22:42

Tgt Ion: 75 Resp: 19722

Ion	Ratio	Lower	Upper
75	100		
155	81.5	39.1	117.2
157	98.8	50.3	150.9





#93

1,2,4-Trichlorobenzene

Concen: 16.838 ug/l

RT: 15.394 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN080425.D

Acq: 08 Dec 2023 22:42

Instrument :

MSVOA_N

ClientSampleId :

VN1208MBS01

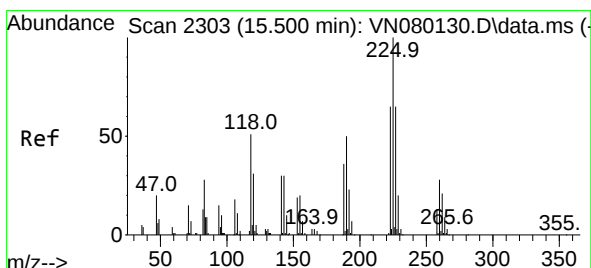
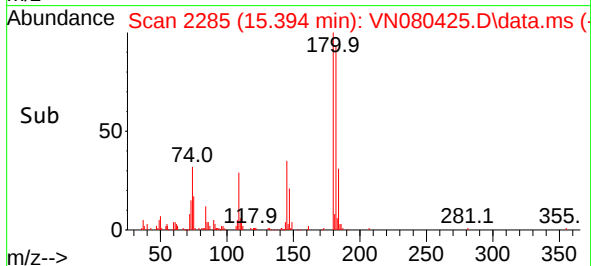
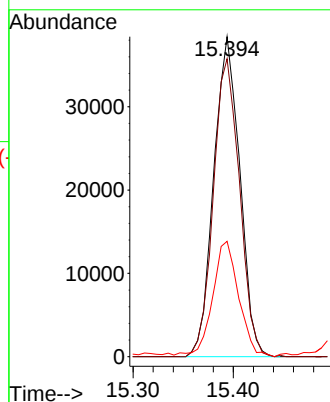
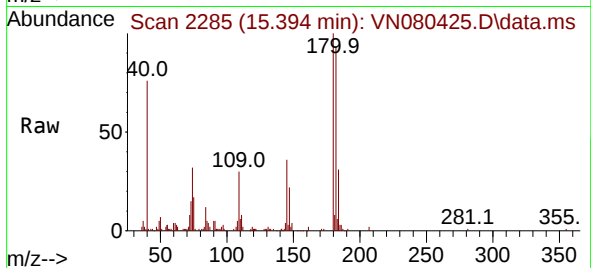
Tgt Ion:180 Resp: 6934

Ion	Ratio	Lower	Upper
180	100		
182	93.5	46.1	138.2
145	36.3	16.6	49.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/12/2023
Supervised By :Semsettin Yesilyurt 12/12/2023



#94

Hexachlorobutadiene

Concen: 12.438 ug/l

RT: 15.500 min Scan# 2303

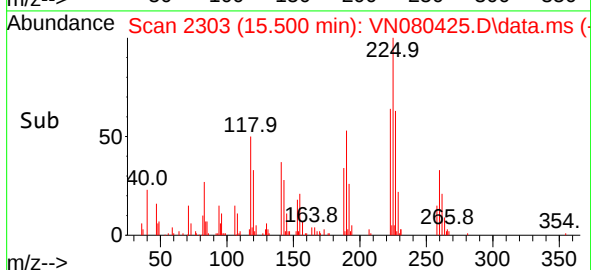
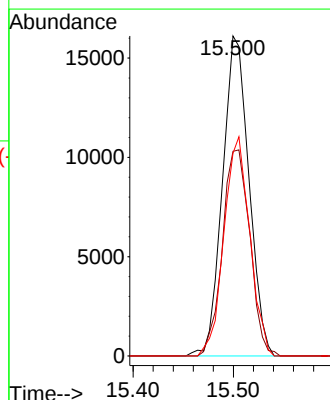
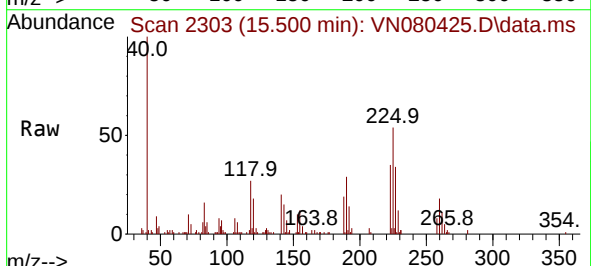
Delta R.T. -0.000 min

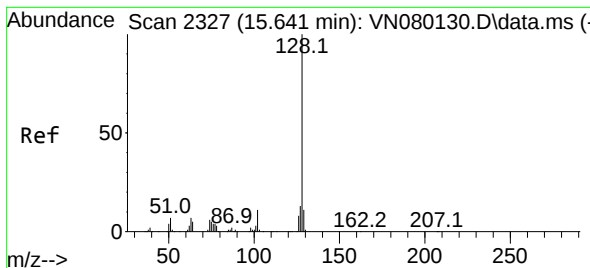
Lab File: VN080425.D

Acq: 08 Dec 2023 22:42

Tgt Ion:225 Resp: 29478

Ion	Ratio	Lower	Upper
225	100		
223	66.8	31.3	93.8
227	67.1	31.9	95.9





#95

Naphthalene

Concen: 19.713 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. -0.000 min

Lab File: VN080425.D

Acq: 08 Dec 2023 22:42

Instrument :

MSVOA_N

ClientSampleId :

VN1208MBS01

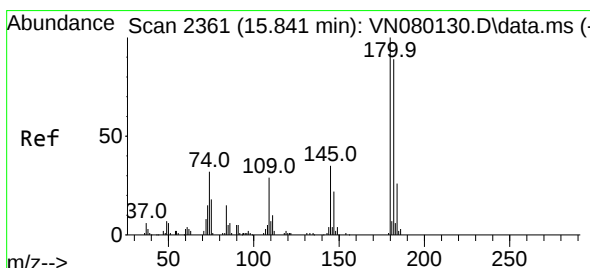
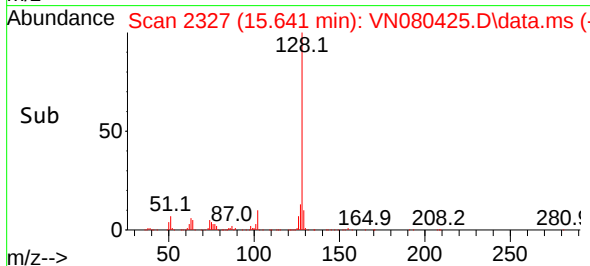
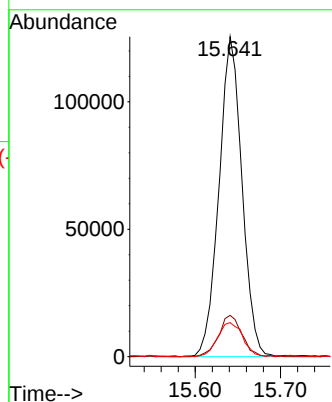
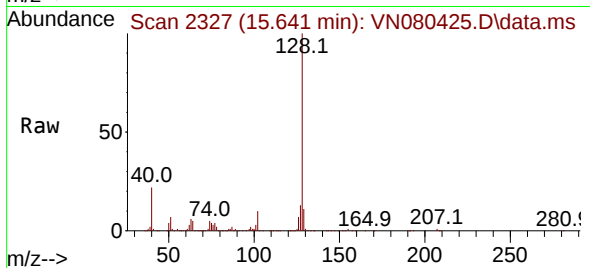
Tgt Ion:128 Resp: 235430

Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.0	15.0
129	11.8	8.7	13.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/12/2023
Supervised By :Semsettin Yesilyurt 12/12/2023



#96

1,2,3-Trichlorobenzene

Concen: 17.628 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. -0.000 min

Lab File: VN080425.D

Acq: 08 Dec 2023 22:42

Tgt Ion:180 Resp: 68047

Ion	Ratio	Lower	Upper
180	100		
182	95.5	46.2	138.6
145	37.6	17.5	52.6

