

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091024\
 Data File : VN083749.D
 Acq On : 10 Sep 2024 12:43
 Operator : JC\MD
 Sample : VSTDICC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC020

Quant Time: Sep 11 01:58:52 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 11 01:38:19 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John Carlone 09/11/2024
 Supervised By :Semsettin Yesilyurt 09/11/2024

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	153102	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	259980	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	230981	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	120031	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	44799	19.406	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	38.820%#		
35) Dibromofluoromethane	8.159	113	33344	20.034	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	40.060%#		
50) Toluene-d8	10.565	98	117482	20.418	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	40.840%#		
62) 4-Bromofluorobenzene	12.847	95	52334	22.046	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	44.100%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	37820	21.271	ug/l	99
3) Chloromethane	2.359	50	42184	22.207	ug/l	95
4) Vinyl Chloride	2.512	62	42371	21.741	ug/l	93
5) Bromomethane	2.901	94	25120	22.449	ug/l	97
6) Chloroethane	3.071	64	29793	22.035	ug/l	92
7) Trichlorofluoromethane	3.471	101	75588	22.849	ug/l	98
8) Diethyl Ether	3.959	74	25651	23.131	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.353	101	41166	23.477	ug/l	98
10) Methyl Iodide	4.577	142	50200	22.511	ug/l	97
11) Tert butyl alcohol	5.542	59	35218	113.923	ug/l	98
12) 1,1-Dichloroethene	4.330	96	38356	23.162	ug/l	97
13) Acrolein	4.171	56	28707	94.116	ug/l	99
14) Allyl chloride	5.012	41	67821	22.985	ug/l	97
15) Acrylonitrile	5.718	53	96660	114.975	ug/l	100
16) Acetone	4.430	43	121335	131.110	ug/l	94
17) Carbon Disulfide	4.700	76	99836	21.553	ug/l	99
18) Methyl Acetate	5.018	43	45786	22.733	ug/l	98
19) Methyl tert-butyl Ether	5.794	73	139123	23.217	ug/l	97
20) Methylene Chloride	5.265	84	43066	22.740	ug/l	94
21) trans-1,2-Dichloroethene	5.777	96	39218	22.099	ug/l	90
22) Diisopropyl ether	6.665	45	141158	23.239	ug/l	96
23) Vinyl Acetate	6.594	43	528904	118.904	ug/l	99
24) 1,1-Dichloroethane	6.565	63	79312	22.664	ug/l	99
25) 2-Butanone	7.483	43	150475	123.710	ug/l	100
26) 2,2-Dichloropropane	7.483	77	77312	23.990	ug/l	98
27) cis-1,2-Dichloroethene	7.483	96	48657	23.096	ug/l	98
28) Bromochloromethane	7.812	49	27780	18.851	ug/l	99
29) Tetrahydrofuran	7.841	42	83865	116.606	ug/l	99
30) Chloroform	7.959	83	87460	23.542	ug/l	90
31) Cyclohexane	8.253	56	73847	22.133	ug/l	95
32) 1,1,1-Trichloroethane	8.165	97	79170	23.176	ug/l	93
36) 1,1-Dichloropropene	8.365	75	57819	23.081	ug/l	99
37) Ethyl Acetate	7.559	43	54774	24.088	ug/l	97
38) Carbon Tetrachloride	8.359	117	66860	23.526	ug/l	99
39) Methylcyclohexane	9.600	83	68785	24.123	ug/l	97
40) Benzene	8.600	78	180938	23.997	ug/l	99

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Quant Time: Sep 11 01:58:52 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 11 01:38:19 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	31140	23.154	ug/l	98
42) 1,2-Dichloroethane	8.665	62	68226	24.216	ug/l	99
43) Isopropyl Acetate	8.688	43	97966	23.775	ug/l	98
44) Trichloroethene	9.353	130	40782	23.356	ug/l	96
45) 1,2-Dichloropropane	9.618	63	44560	24.451	ug/l	98
46) Dibromomethane	9.706	93	30954	24.250	ug/l	97
47) Bromodichloromethane	9.882	83	66147	23.945	ug/l #	94
48) Methyl methacrylate	9.677	41	46788	23.933	ug/l	98
49) 1,4-Dioxane	9.694	88	14984	465.914	ug/l #	96
51) 4-Methyl-2-Pentanone	10.441	43	270783	120.721	ug/l	97
52) Toluene	10.629	92	110278	23.911	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	65148	23.266	ug/l	96
54) cis-1,3-Dichloropropene	10.312	75	70696	24.035	ug/l	94
55) 1,1,2-Trichloroethane	11.018	97	40247	23.375	ug/l	96
56) Ethyl methacrylate	10.871	69	65086	24.569	ug/l	96
57) 1,3-Dichloropropane	11.159	76	70916	23.964	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	97384	102.024	ug/l	98
59) 2-Hexanone	11.194	43	210382	126.795	ug/l	98
60) Dibromochloromethane	11.359	129	45716	23.725	ug/l	99
61) 1,2-Dibromoethane	11.471	107	40643	23.669	ug/l	98
64) Tetrachloroethene	11.106	164	34851	22.688	ug/l	93
65) Chlorobenzene	11.888	112	116122	22.620	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.959	131	41153	23.124	ug/l	98
67) Ethyl Benzene	11.965	91	210713	23.106	ug/l	97
68) m/p-Xylenes	12.071	106	158230	46.734	ug/l	100
69) o-Xylene	12.400	106	76822	23.438	ug/l	99
70) Styrene	12.412	104	125129	23.262	ug/l	98
71) Bromoform	12.576	173	27805	23.185	ug/l #	99
73) Isopropylbenzene	12.694	105	198534	21.379	ug/l	100
74) N-amyl acetate	12.494	43	83761	21.141	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.941	83	55934	20.500	ug/l	97
76) 1,2,3-Trichloropropane	12.994	75	49535m	20.452	ug/l	
77) Bromobenzene	12.982	156	44670	19.984	ug/l	100
78) n-propylbenzene	13.035	91	229309	21.223	ug/l	99
79) 2-Chlorotoluene	13.123	91	147252	21.370	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	167379	21.379	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	18748	20.274	ug/l #	80
82) 4-Chlorotoluene	13.223	91	143958	20.818	ug/l	99
83) tert-Butylbenzene	13.441	119	147261	21.499	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	167470	21.294	ug/l	100
85) sec-Butylbenzene	13.618	105	197117	21.699	ug/l	98
86) p-Isopropyltoluene	13.729	119	160758	21.110	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	84190	19.957	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	82492	19.311	ug/l	99
89) n-Butylbenzene	14.059	91	140204	20.506	ug/l	99
90) Hexachloroethane	14.335	117	31578	20.629	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	83557	20.523	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	11364	20.893	ug/l	97
93) 1,2,4-Trichlorobenzene	15.388	180	42008	19.228	ug/l	98
94) Hexachlorobutadiene	15.500	225	19047	20.528	ug/l	99
95) Naphthalene	15.641	128	128956	19.401	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	40335	19.317	ug/l	98

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ClientSampleId :
VSTDICC020

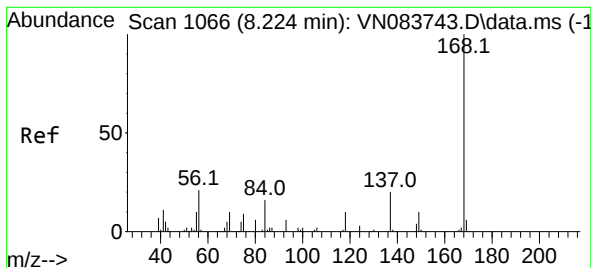
Manual Integrations
APPROVED

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Supervised By :Semsettin Yesilyurt 09/11/2024

Quant Time: Sep 11 01:58:52 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 11 01:38:19 2024
Response via : Initial Calibration

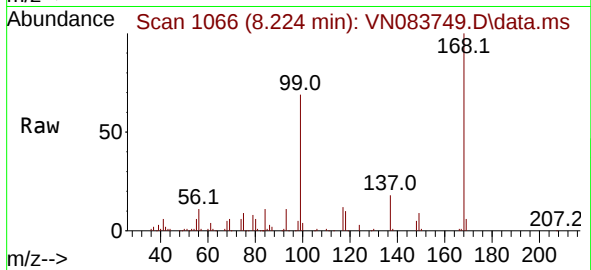
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083749.D
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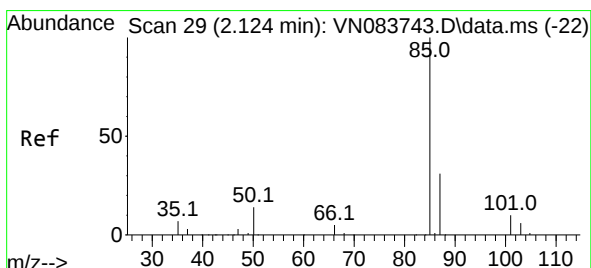
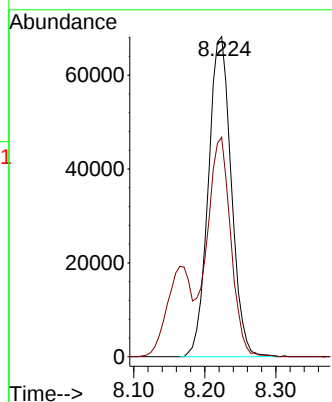
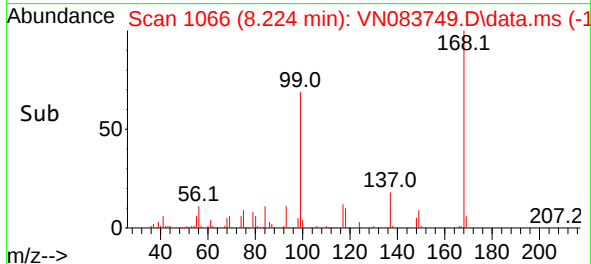
Instrument :
MSVOA_N
ClientSampleId :
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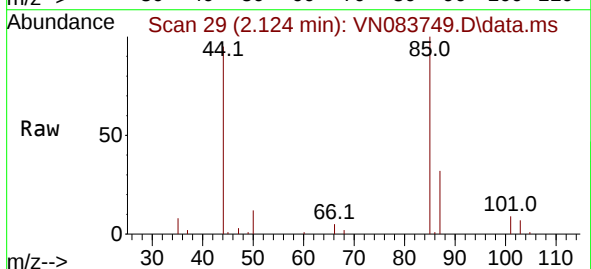
Tgt Ion:168 Resp: 15310
Ion Ratio Lower Upper
168 100
99 68.6 54.2 81.2

Manual Integrations
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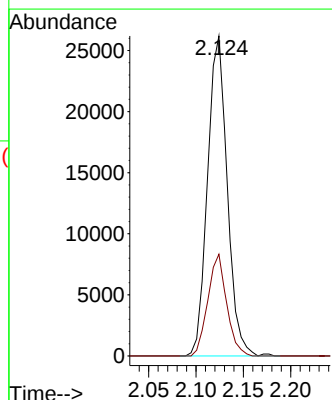
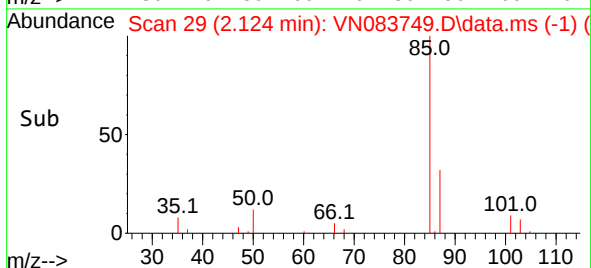
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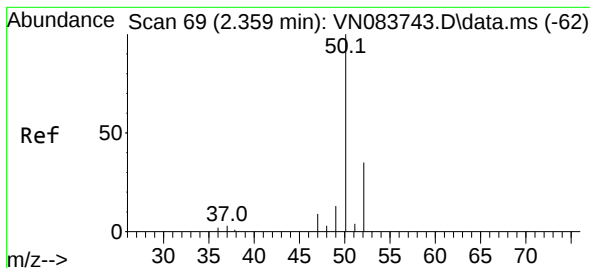


#2
Dichlorodifluoromethane
Concen: 21.271 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN083749.D
Acq: 10 Sep 2024 12:43



Tgt Ion: 85 Resp: 37820
Ion Ratio Lower Upper
85 100
87 31.8 15.7 47.0





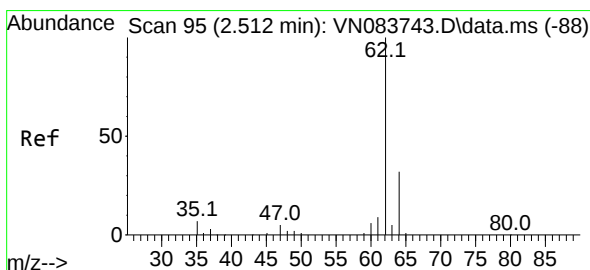
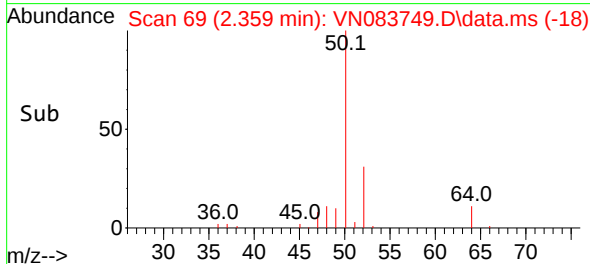
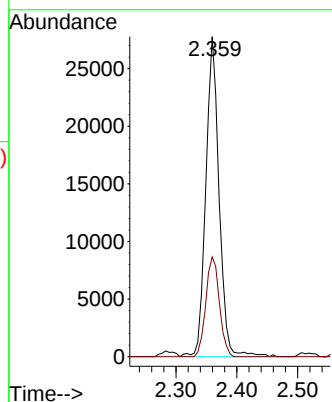
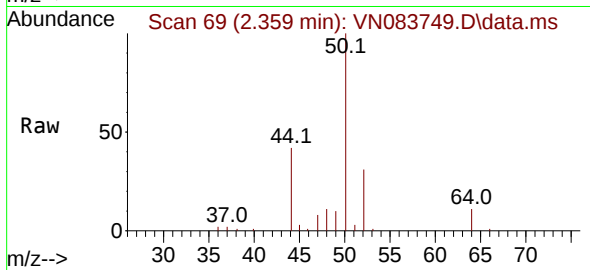
#3
Chloromethane
Concen: 22.207 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN083749.D
Acq: 10 Sep 2024 12:43

Instrument :
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Tgt Ion: 50 Resp: 42184
Ion Ratio Lower Upper
50 100
52 31.1 27.2 40.8

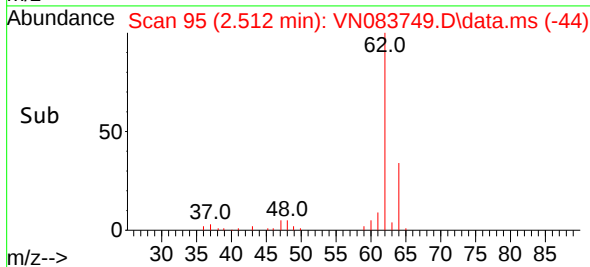
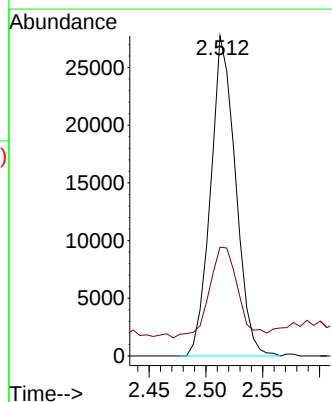
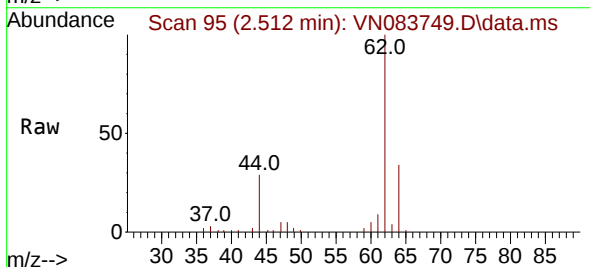
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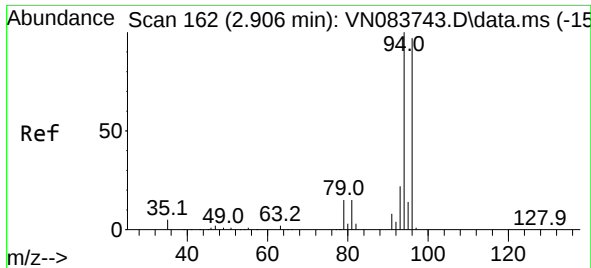
Reviewed By :John Carlone 09/11/2024
Supervised By :Semsettin Yesilyurt 09/11/2024



#4
Vinyl Chloride
Concen: 21.741 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN083749.D
Acq: 10 Sep 2024 12:43

Tgt Ion: 62 Resp: 42371
Ion Ratio Lower Upper
62 100
64 27.2 24.7 37.1





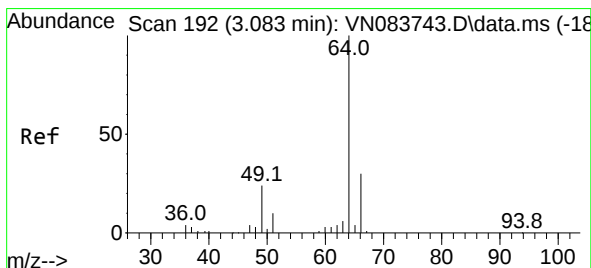
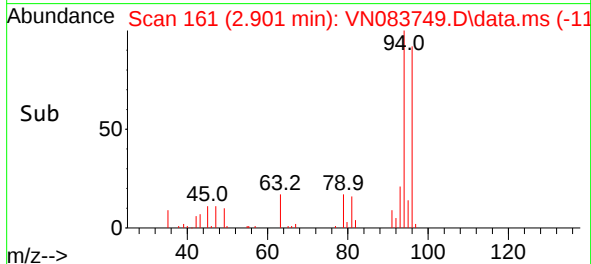
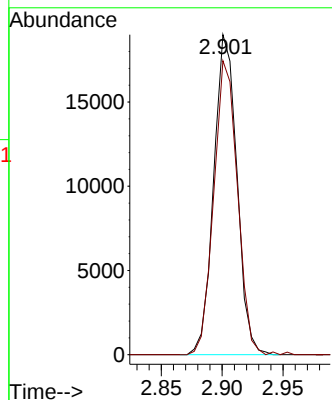
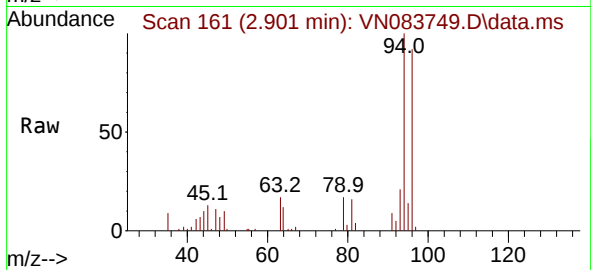
#5
Bromomethane
Concen: 22.449 ug/l
RT: 2.901 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN083749.D
Acq: 10 Sep 2024 12:43

Instrument :
MSVOA_N
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Tgt Ion: 94 Resp: 25120
Ion Ratio Lower Upper
94 100
96 91.9 76.0 114.0

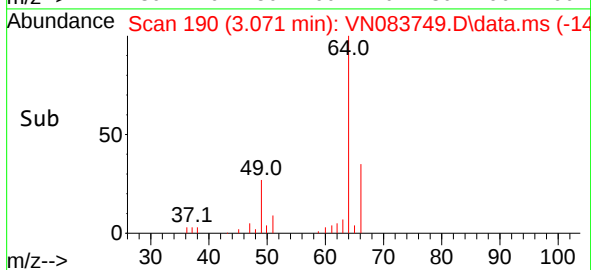
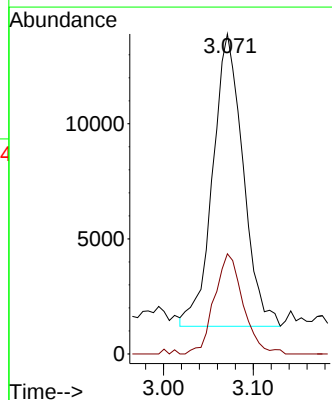
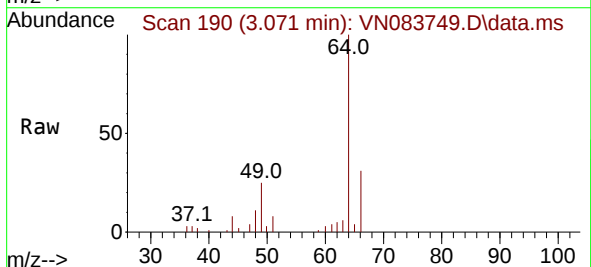
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#6
Chloroethane
Concen: 22.035 ug/l
RT: 3.071 min Scan# 190
Delta R.T. -0.012 min
Lab File: VN083749.D
Acq: 10 Sep 2024 12:43

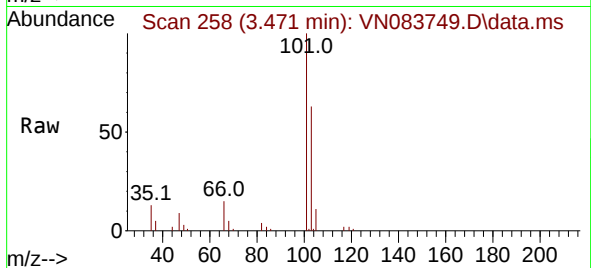
Tgt Ion: 64 Resp: 29793
Ion Ratio Lower Upper
64 100
66 34.3 23.9 35.9





#7
Trichlorofluoromethane
Concen: 22.849 ug/l
RT: 3.471 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN083749.D
Acq: 10 Sep 2024 12:43

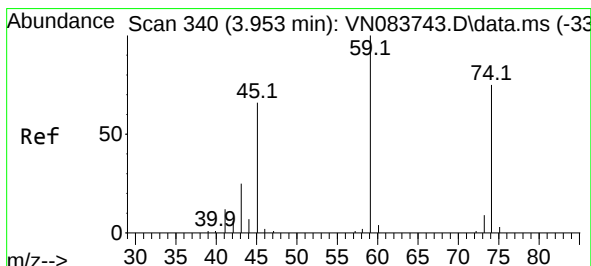
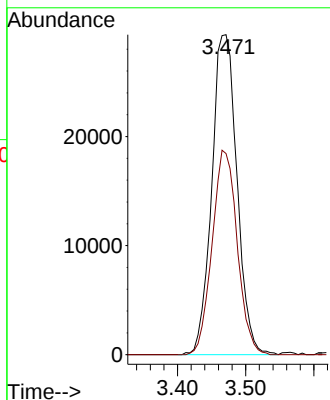
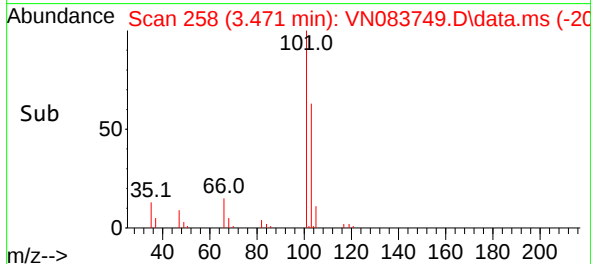
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



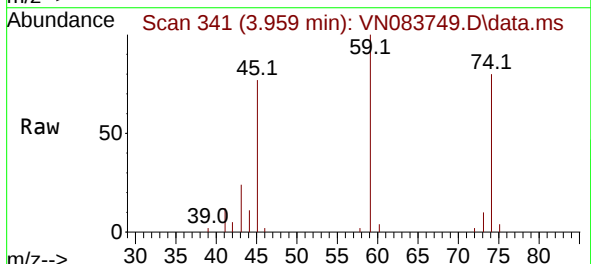
Tgt Ion:101 Resp: 7558
Ion Ratio Lower Upper
101 100
103 62.9 51.4 77.0

Manual Integrations
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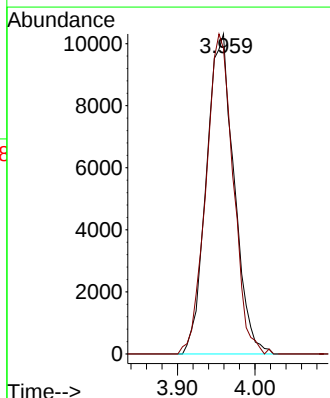
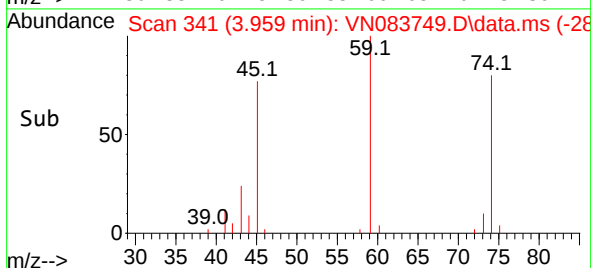
Reviewed By :John Carlone 09/11/2024
Supervised By :Semsettin Yesilyurt 09/11/2024



#8
Diethyl Ether
Concen: 23.131 ug/l
RT: 3.959 min Scan# 341
Delta R.T. 0.006 min
Lab File: VN083749.D
Acq: 10 Sep 2024 12:43



Tgt Ion: 74 Resp: 25651
Ion Ratio Lower Upper
74 100
45 97.8 46.7 140.1





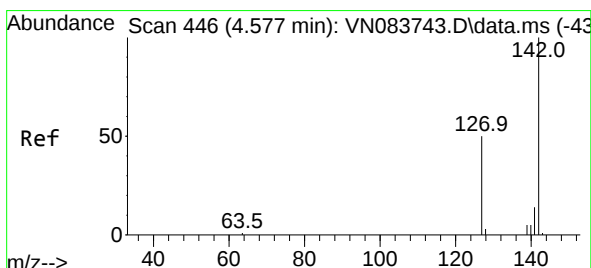
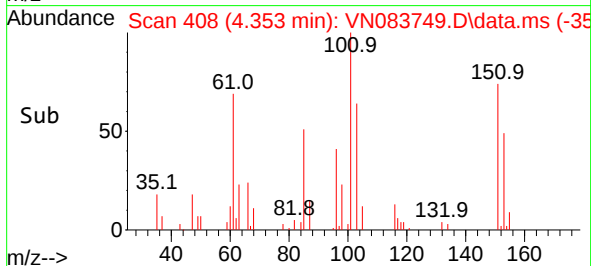
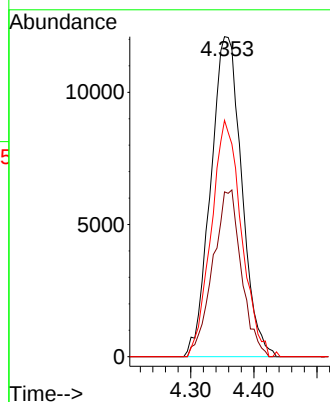
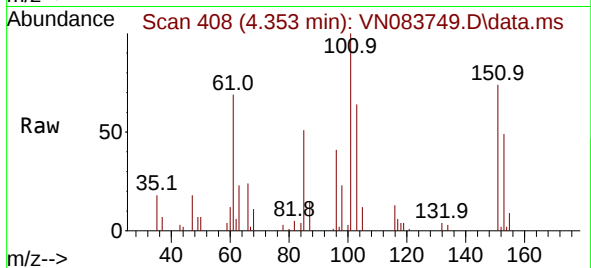
#9
1,1,2-Trichlorotrifluoroethane
Concen: 23.477 ug/l
RT: 4.353 min Scan# 408
Delta R.T. 0.000 min
Lab File: VN083749.D
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Instrument :
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Tgt Ion:101 Resp: 4116
Ion Ratio Lower Upper
101 100
85 48.3 36.2 54.4
151 71.8 57.7 86.5

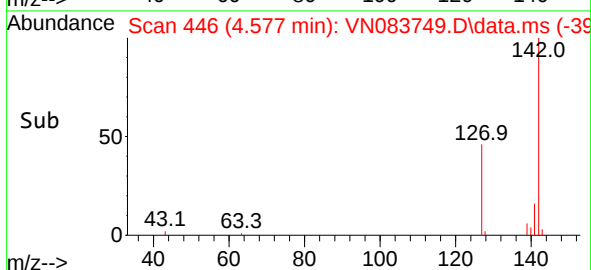
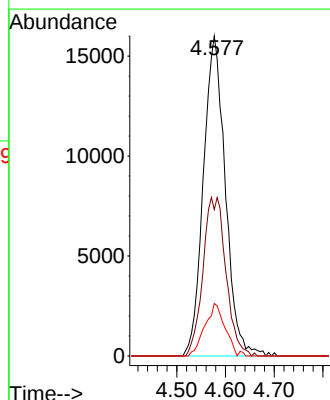
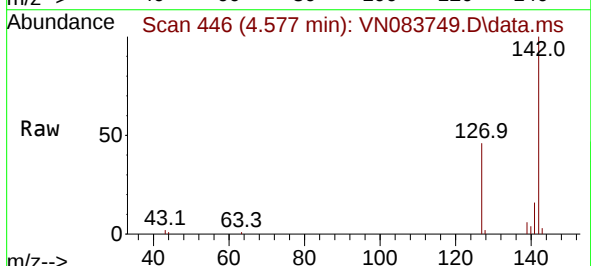
Manual Integrations
APPROVED

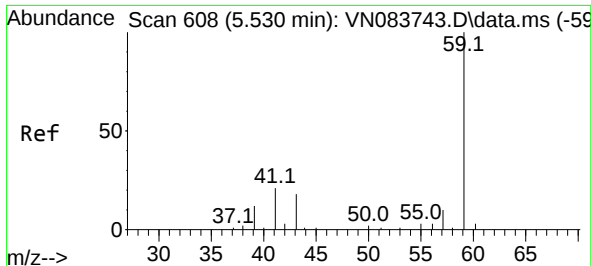
Reviewed By :John Carbone 09/11/2024
Supervised By :Semsettin Yesilyurt 09/11/2024



#10
Methyl Iodide
Concen: 22.511 ug/l
RT: 4.577 min Scan# 446
Delta R.T. 0.000 min
Lab File: VN083749.D
Acq: 10 Sep 2024 12:43

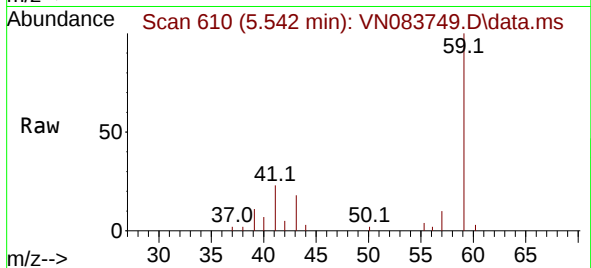
Tgt Ion:142 Resp: 50200
Ion Ratio Lower Upper
142 100
127 45.8 37.5 56.3
141 16.4 11.0 16.4





#11
Tert butyl alcohol
Concen: 113.923 ug/l
RT: 5.542 min Scan# 610
Delta R.T. 0.012 min
Lab File: VN083749.D
Acq: 10 Sep 2024 12:43

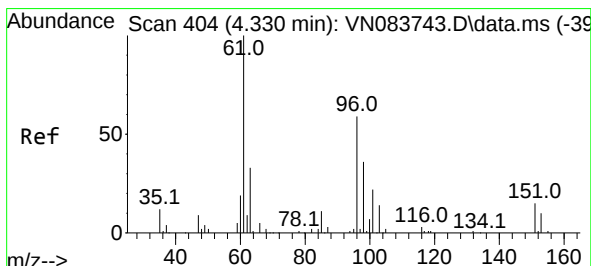
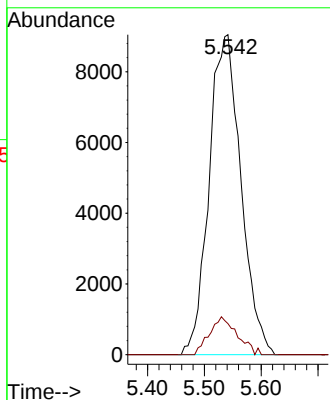
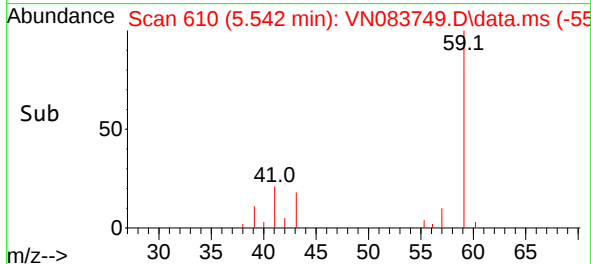
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



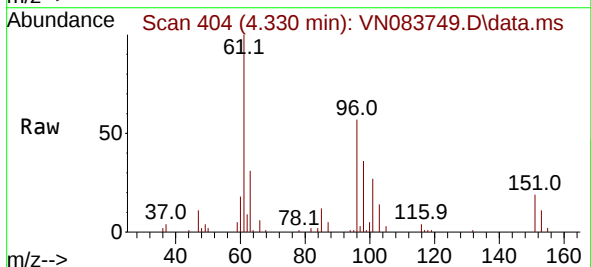
Tgt Ion: 59 Resp: 35218
Ion Ratio Lower Upper
59 100
57 10.3 8.7 13.1

Manual Integrations
APPROVED

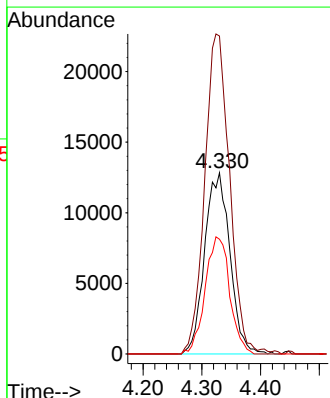
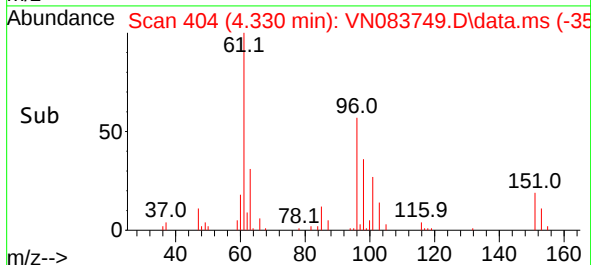
Reviewed By :John Carlone 09/11/2024
Supervised By :Semsettin Yesilyurt 09/11/2024

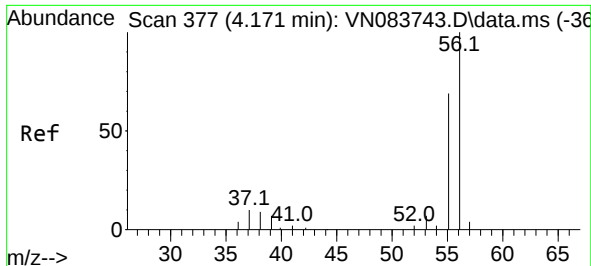


#12
1,1-Dichloroethene
Concen: 23.162 ug/l
RT: 4.330 min Scan# 404
Delta R.T. 0.000 min
Lab File: VN083749.D
Acq: 10 Sep 2024 12:43



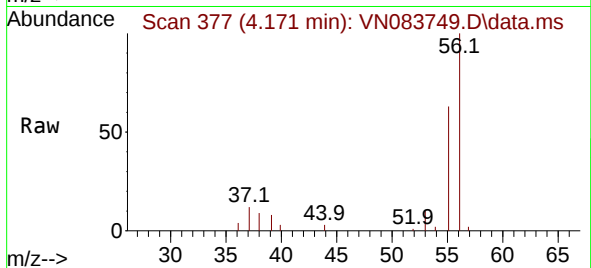
Tgt Ion: 96 Resp: 38356
Ion Ratio Lower Upper
96 100
61 175.6 143.4 215.0
98 63.4 52.7 79.1





#13
Acrolein
Concen: 94.116 ug/l
RT: 4.171 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN083749.D
Acq: 10 Sep 2024 12:43

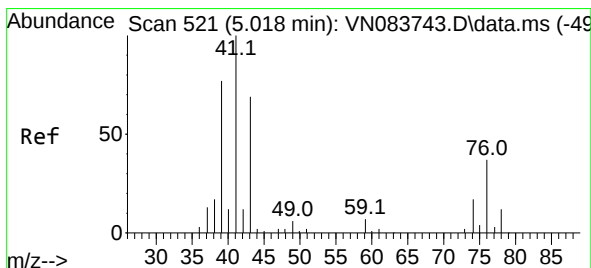
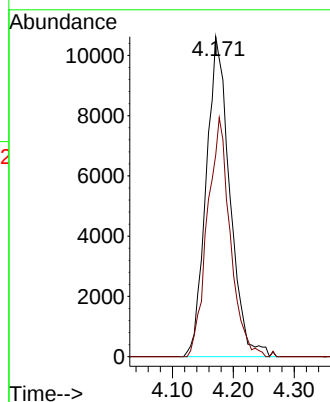
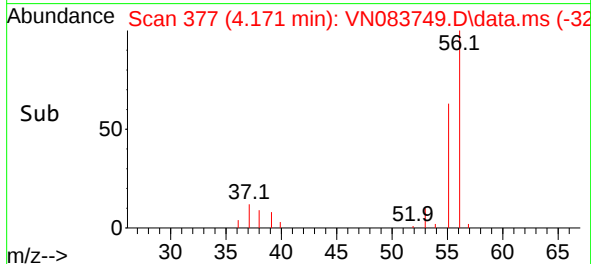
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



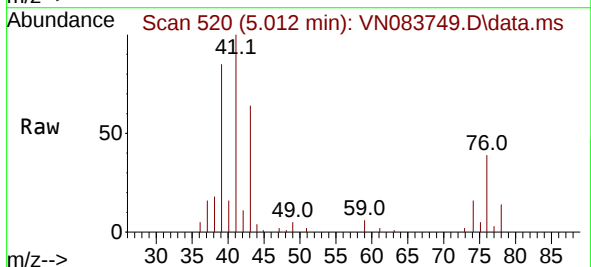
Tgt Ion: 56 Resp: 2870
Ion Ratio Lower Upper
56 100
55 72.0 58.2 87.2

Manual Integrations
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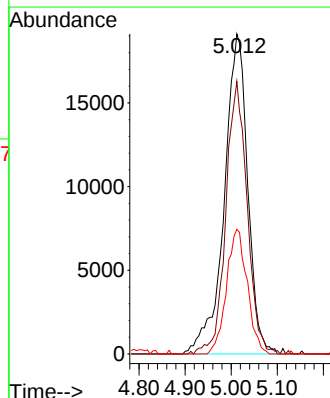
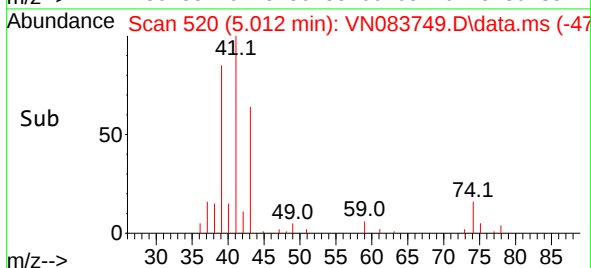
Reviewed By :John Carlone 09/11/2024
Supervised By :Semsettin Yesilyurt 09/11/2024



#14
Allyl chloride
Concen: 22.985 ug/l
RT: 5.012 min Scan# 520
Delta R.T. -0.006 min
Lab File: VN083749.D
Acq: 10 Sep 2024 12:43



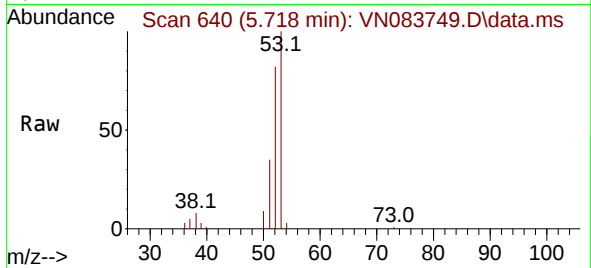
Tgt Ion: 41 Resp: 67821
Ion Ratio Lower Upper
41 100
39 77.1 59.3 88.9
76 34.4 27.7 41.5





#15
Acrylonitrile
Concen: 114.975 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.000 min
Lab File: VN083749.D
Acq: 10 Sep 2024 12:43

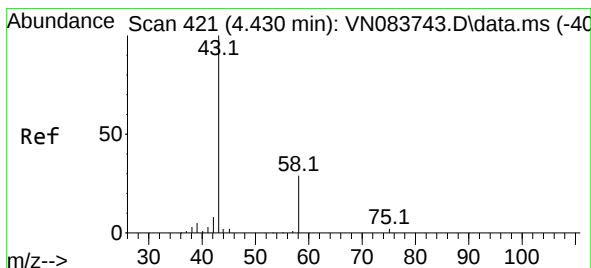
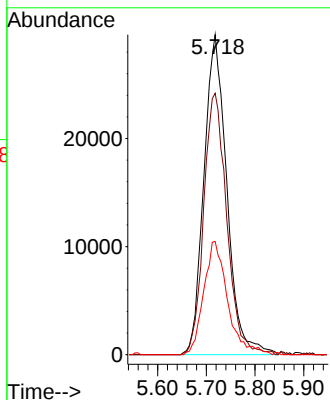
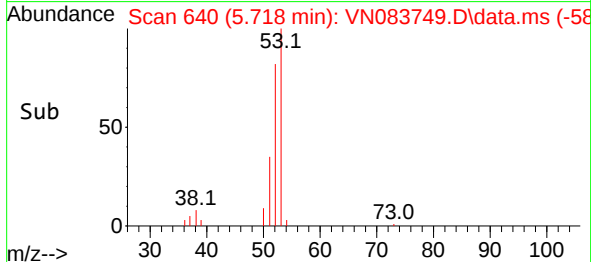
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion: 53 Resp: 96660
Ion Ratio Lower Upper
53 100
52 82.1 66.1 99.1
51 36.9 29.6 44.4

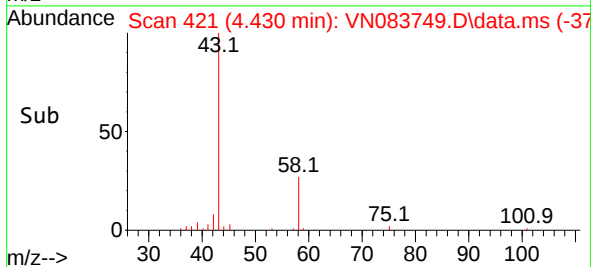
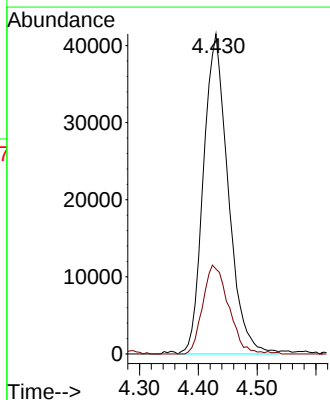
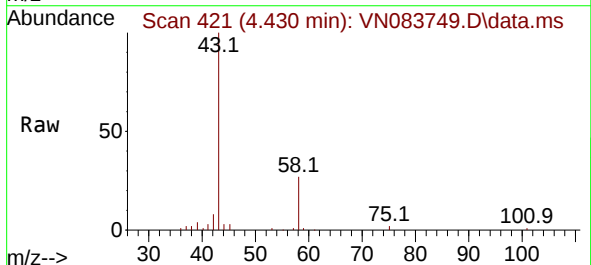
Manual Integrations
APPROVED

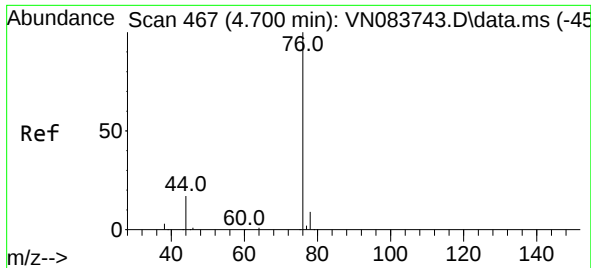
Reviewed By :John Carlone 09/11/2024
Supervised By :Semsettin Yesilyurt 09/11/2024



#16
Acetone
Concen: 131.110 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.000 min
Lab File: VN083749.D
Acq: 10 Sep 2024 12:43

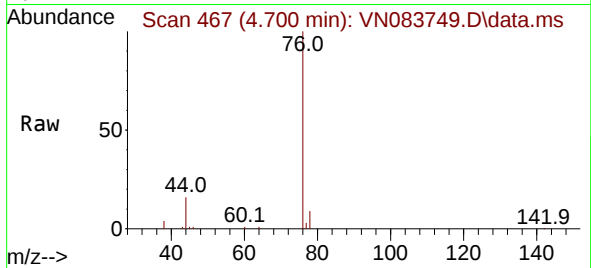
Tgt Ion: 43 Resp: 121335
Ion Ratio Lower Upper
43 100
58 26.5 23.7 35.5





#17
Carbon Disulfide
Concen: 21.553 ug/l
RT: 4.700 min Scan# 467
Delta R.T. 0.000 min
Lab File: VN083749.D
Acq: 10 Sep 2024 12:43

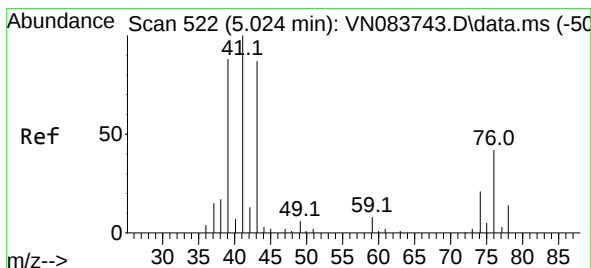
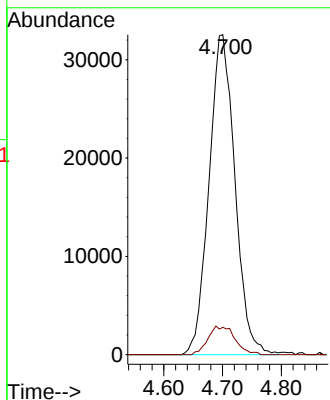
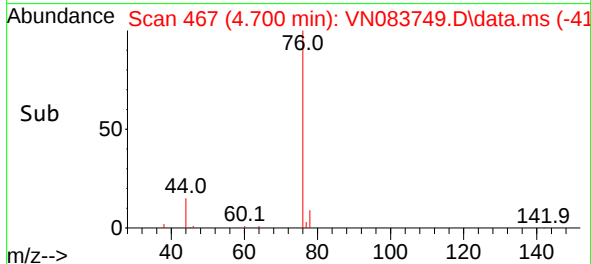
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



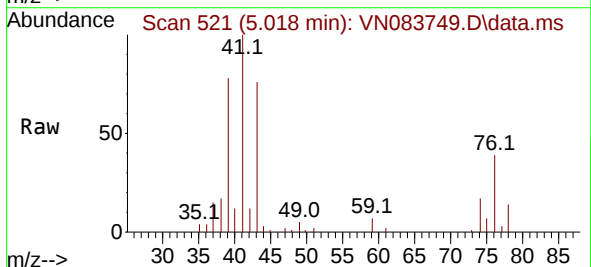
Tgt Ion: 76 Resp: 99836
Ion Ratio Lower Upper
76 100
78 8.5 7.1 10.7

Manual Integrations
APPROVED

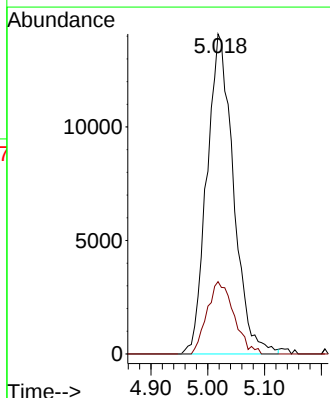
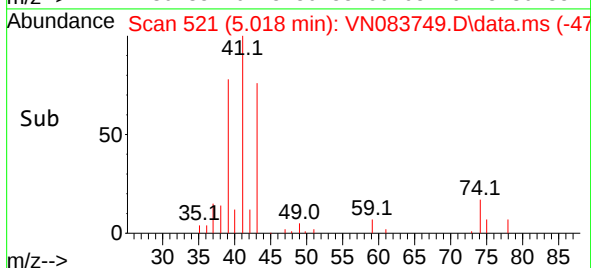
Reviewed By :John Carlone 09/11/2024
Supervised By :Semsettin Yesilyurt 09/11/2024



#18
Methyl Acetate
Concen: 22.733 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.006 min
Lab File: VN083749.D
Acq: 10 Sep 2024 12:43



Tgt Ion: 43 Resp: 45786
Ion Ratio Lower Upper
43 100
74 22.9 19.0 28.4





#19
Methyl tert-butyl Ether
Concen: 23.217 ug/l
RT: 5.794 min Scan# 612
Delta R.T. 0.006 min
Lab File: VN083749.D
Acq: 10 Sep 2024 12:43

Instrument :

MSVOA_N

ClientSampleId :

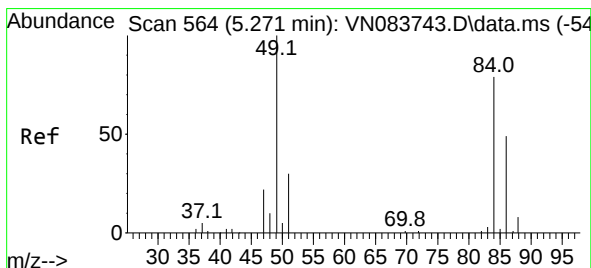
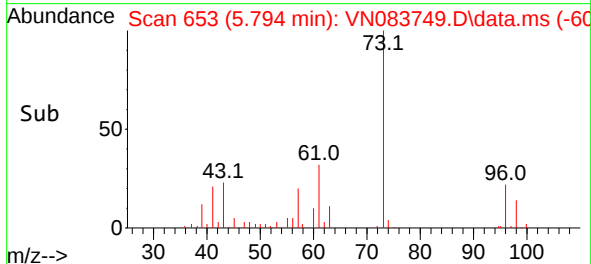
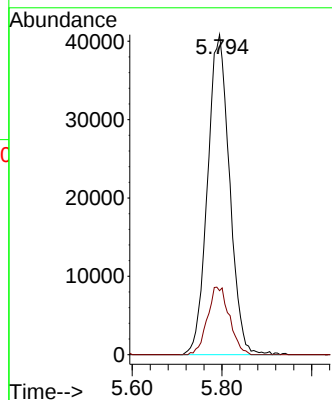
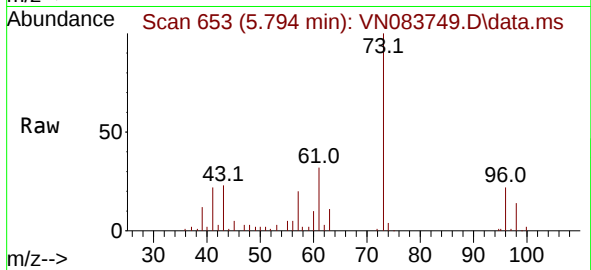
VSTDIC020

Tgt Ion: 73 Resp: 13912
Ion Ratio Lower Upper
73 100
57 20.0 17.0 25.6

Manual Integrations

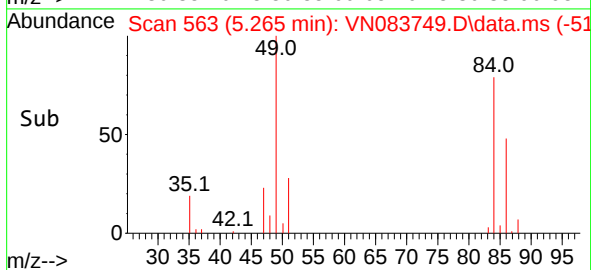
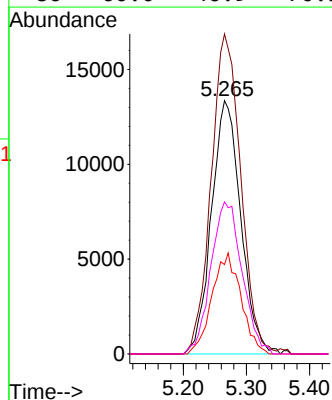
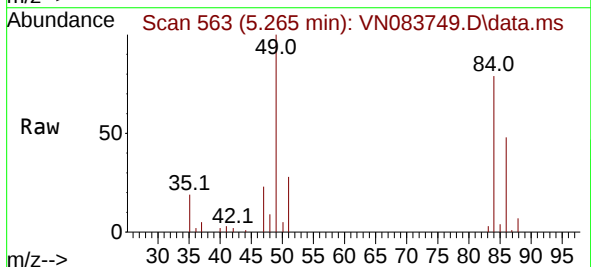
APPROVED

Reviewed By :John Carlone 09/11/2024
Supervised By :Semsettin Yesilyurt 09/11/2024



#20
Methylene Chloride
Concen: 22.740 ug/l
RT: 5.265 min Scan# 563
Delta R.T. -0.006 min
Lab File: VN083749.D
Acq: 10 Sep 2024 12:43

Tgt Ion: 84 Resp: 43066
Ion Ratio Lower Upper
84 100
49 126.3 93.4 140.0
51 35.3 29.2 43.8
86 60.0 46.9 70.3





#21
trans-1,2-Dichloroethene
Concen: 22.099 ug/l
RT: 5.777 min Scan# 650
Delta R.T. 0.000 min
Lab File: VN083749.D
Acq: 10 Sep 2024 12:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

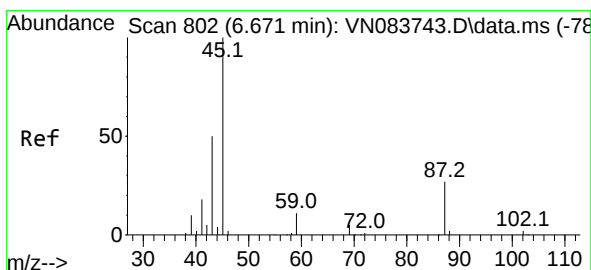
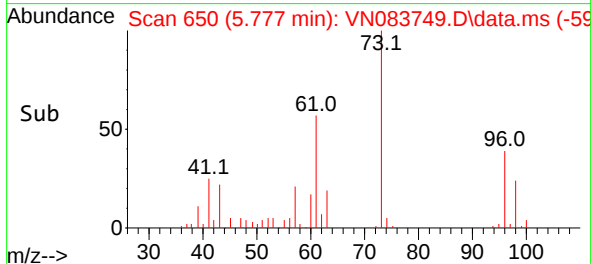
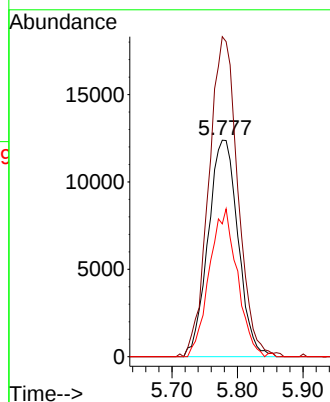
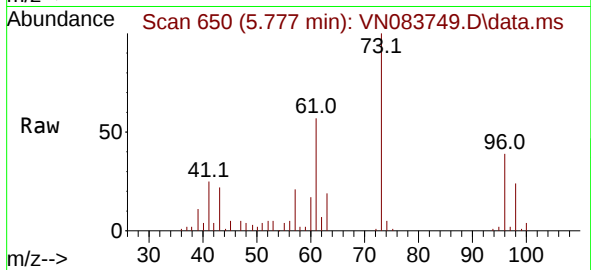
Tgt Ion: 96 Resp: 39218
Ion Ratio Lower Upper
96 100
61 146.5 106.0 159.0
98 61.3 52.2 78.2

Manual Integrations

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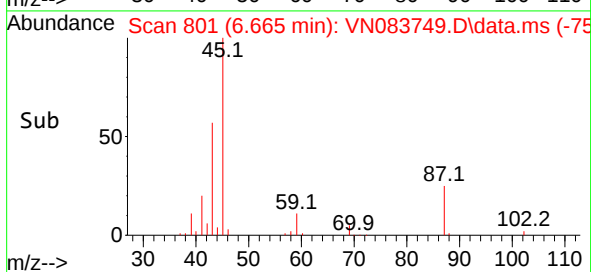
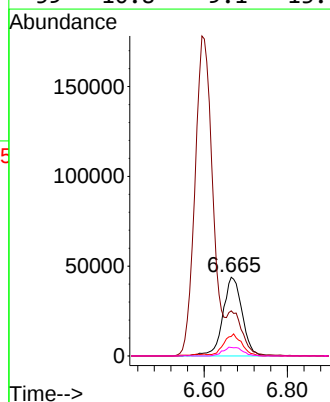
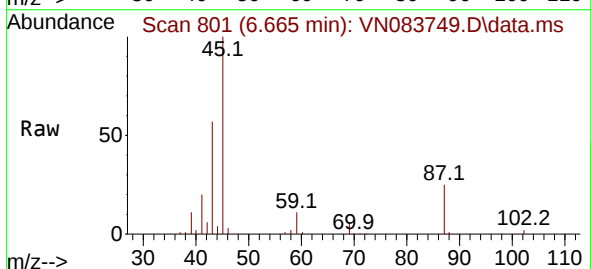
Reviewed By :John Carlone 09/11/2024

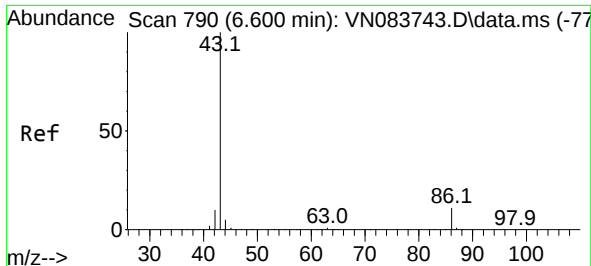
Supervised By :Semsettin Yesilyurt 09/11/2024



#22
Diisopropyl ether
Concen: 23.239 ug/l
RT: 6.665 min Scan# 801
Delta R.T. -0.006 min
Lab File: VN083749.D
Acq: 10 Sep 2024 12:43

Tgt Ion: 45 Resp: 141158
Ion Ratio Lower Upper
45 100
43 56.0 43.4 65.0
87 24.8 22.6 33.8
59 10.8 9.1 13.7





#23
 Vinyl Acetate
 Concen: 118.904 ug/l
 RT: 6.594 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: VN083749.D
 Acq: 10 Sep 2024 12:43

Instrument :

MSVOA_N

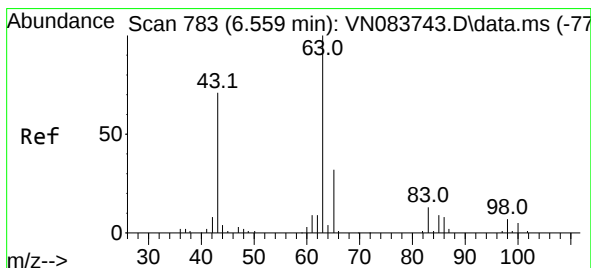
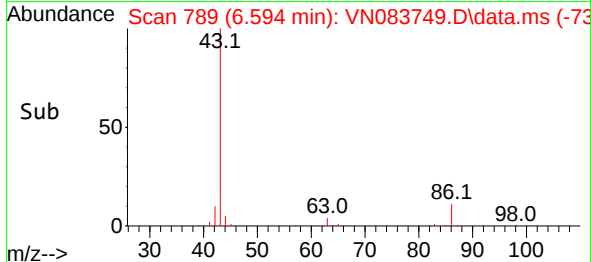
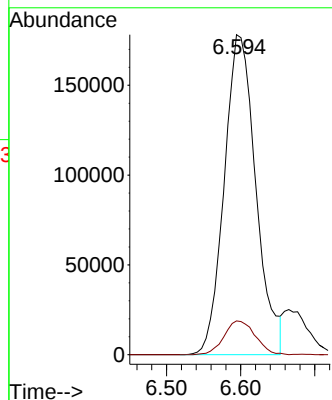
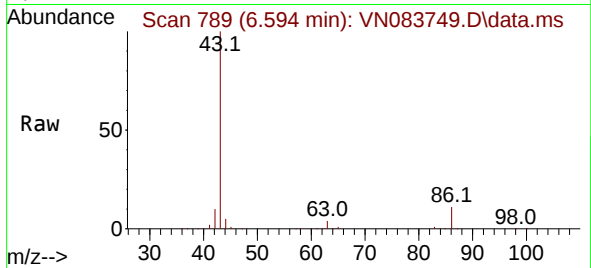
ClientSampleId :

VSTDICC020

Tgt Ion: 43 Resp: 528904
 Ion Ratio Lower Upper
 43 100
 86 10.6 8.7 13.1

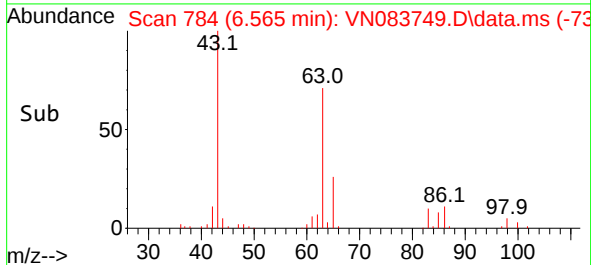
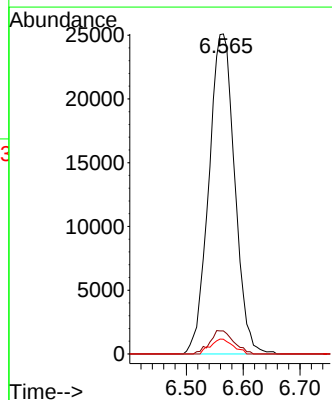
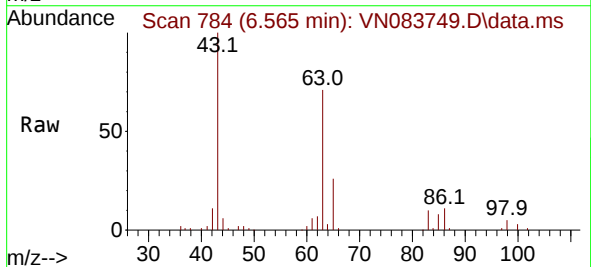
Manual Integrations
 APPROVED

Reviewed By :John Carlone 09/11/2024
 Supervised By :Semsettin Yesilyurt 09/11/2024



#24
 1,1-Dichloroethane
 Concen: 22.664 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. 0.006 min
 Lab File: VN083749.D
 Acq: 10 Sep 2024 12:43

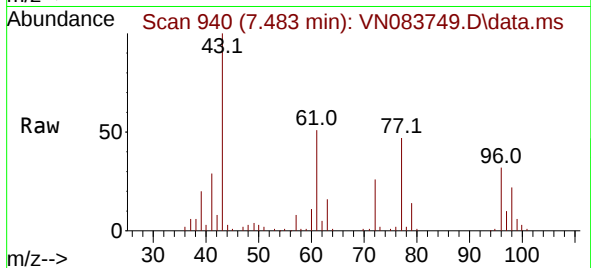
Tgt Ion: 63 Resp: 79312
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.5 10.4
 100 4.6 2.5 7.5





#25
2-Butanone
Concen: 123.710 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN083749.D
Acq: 10 Sep 2024 12:43

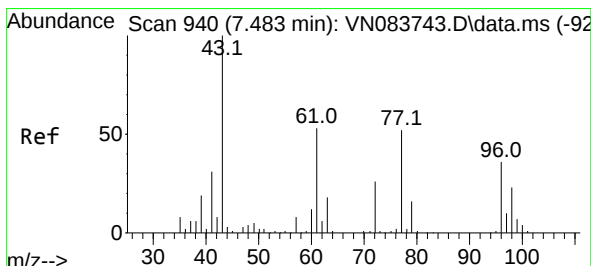
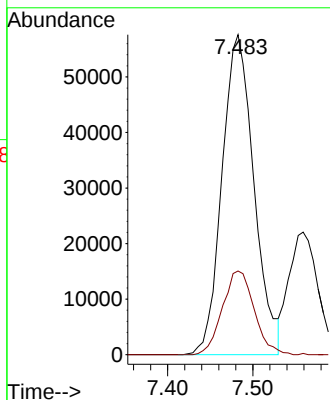
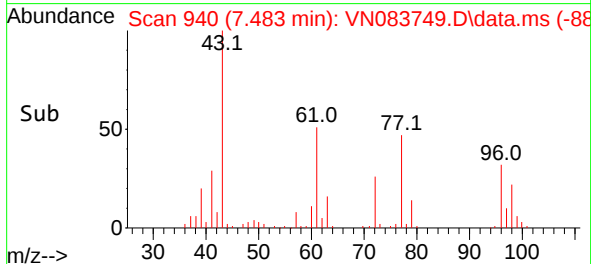
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



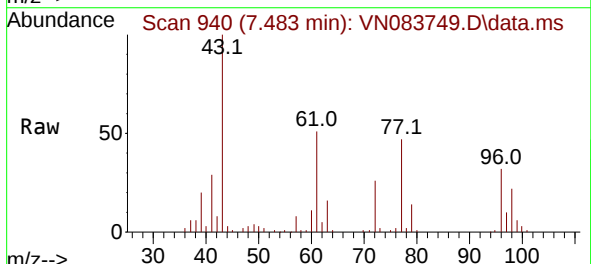
Tgt Ion: 43 Resp: 150475
Ion Ratio Lower Upper
43 100
72 26.2 20.8 31.2

Manual Integrations
APPROVED

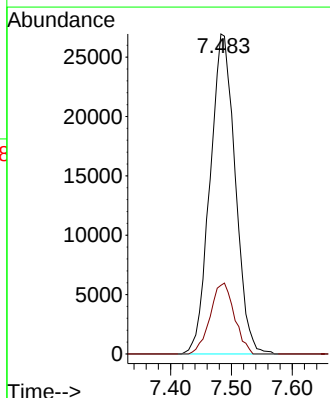
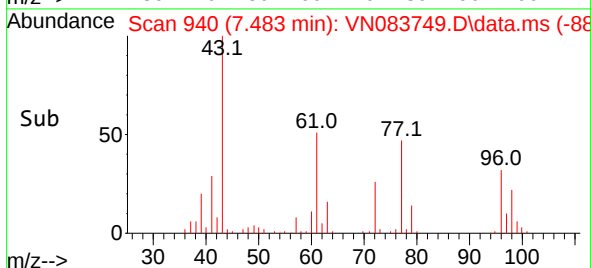
Reviewed By :John Carlone 09/11/2024
Supervised By :Semsettin Yesilyurt 09/11/2024



#26
2,2-Dichloropropane
Concen: 23.990 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN083749.D
Acq: 10 Sep 2024 12:43



Tgt Ion: 77 Resp: 77312
Ion Ratio Lower Upper
77 100
97 21.3 10.2 30.4





#27
 cis-1,2-Dichloroethene
 Concen: 23.096 ug/l
 RT: 7.483 min Scan# 940
 Delta R.T. 0.000 min
 Lab File: VN083749.D
 Acq: 10 Sep 2024 12:43

Instrument :

MSVOA_N

ClientSampleId :

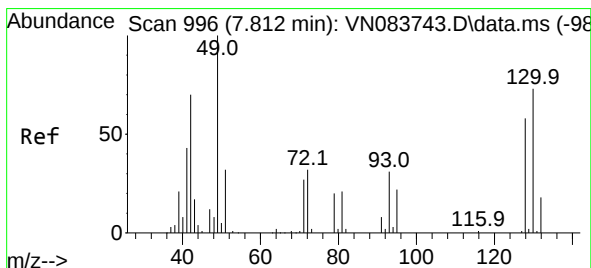
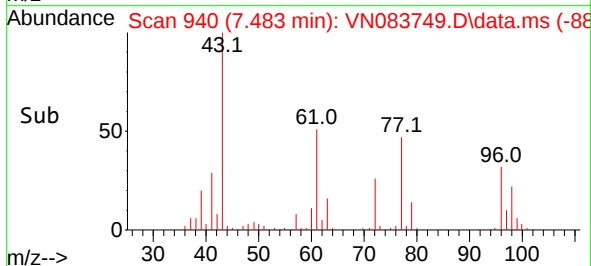
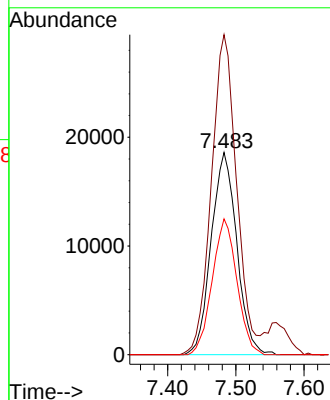
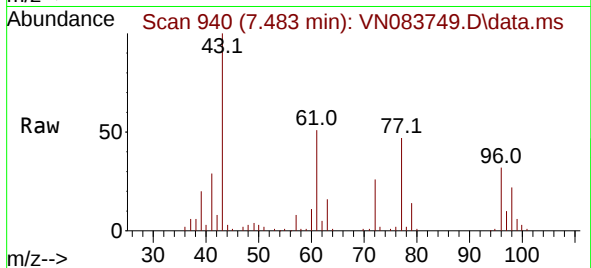
VSTDIC020

Tgt Ion: 96 Resp: 4865
 Ion Ratio Lower Upper
 96 100
 61 156.3 0.0 306.2
 98 64.8 0.0 128.6

Manual Integrations

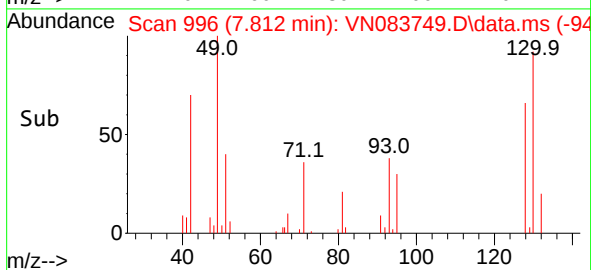
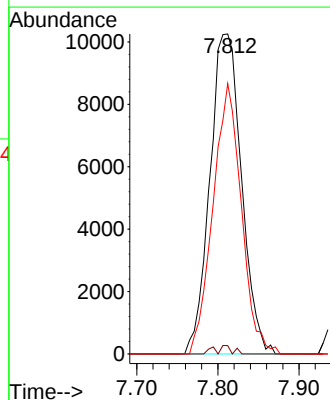
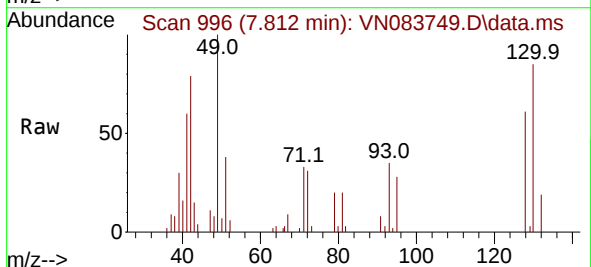
APPROVED

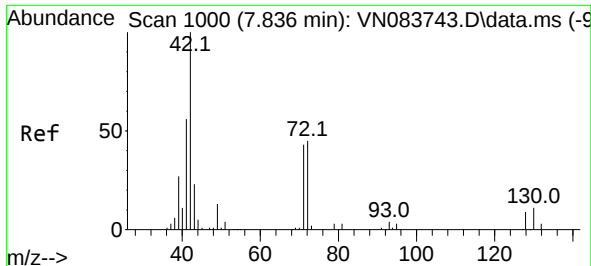
Reviewed By :John Carlone 09/11/2024
 Supervised By :Semsettin Yesilyurt 09/11/2024



#28
 Bromochloromethane
 Concen: 18.851 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.000 min
 Lab File: VN083749.D
 Acq: 10 Sep 2024 12:43

Tgt Ion: 49 Resp: 27780
 Ion Ratio Lower Upper
 49 100
 129 0.9 0.0 3.4
 130 75.7 60.2 90.2





#29

Tetrahydrofuran

Concen: 116.606 ug/l

RT: 7.841 min Scan# 1001

Delta R.T. 0.006 min

Lab File: VN083749.D

Acq: 10 Sep 2024 12:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

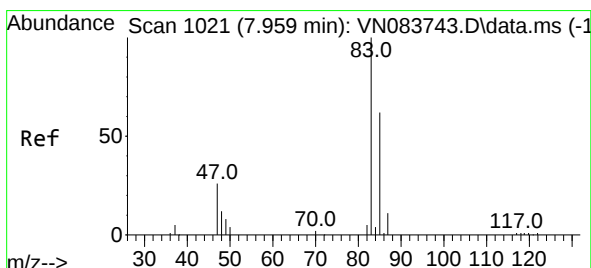
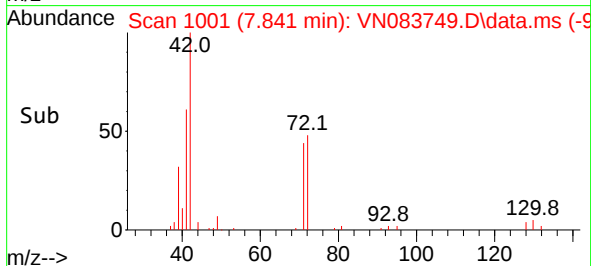
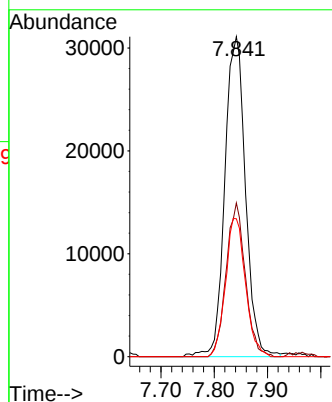
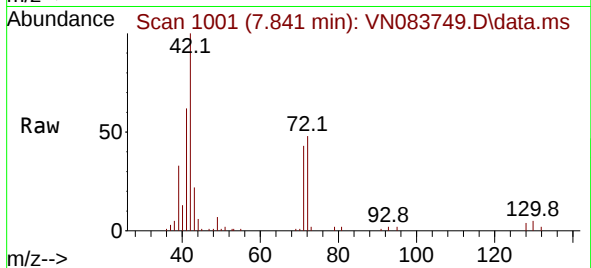
Tgt Ion: 42	Resp: 8386
Ion Ratio	Lower Upper
42 100	
72 44.3	35.9 53.9
71 41.6	33.9 50.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/11/2024

Supervised By :Semsettin Yesilyurt 09/11/2024



#30

Chloroform

Concen: 23.542 ug/l

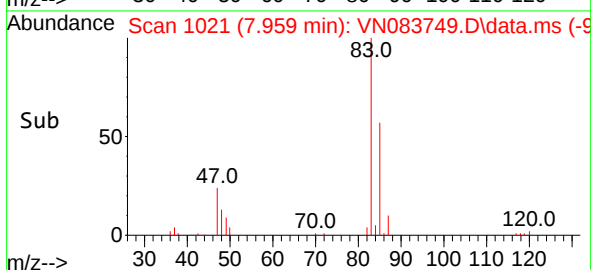
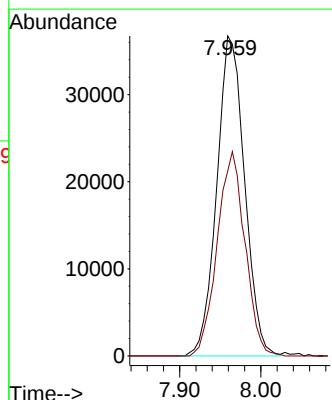
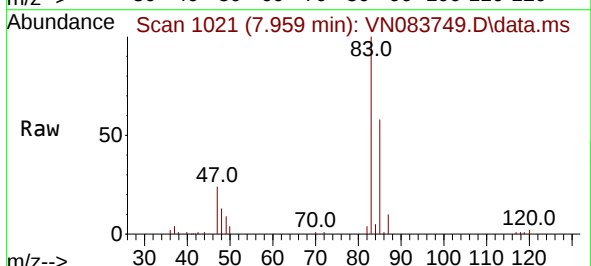
RT: 7.959 min Scan# 1021

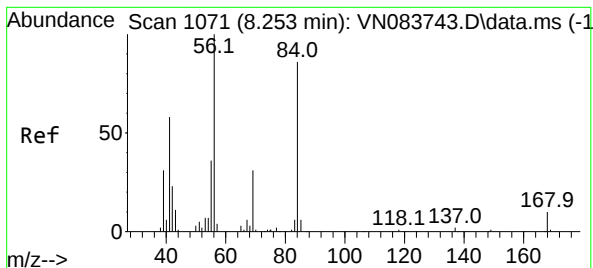
Delta R.T. 0.000 min

Lab File: VN083749.D

Acq: 10 Sep 2024 12:43

Tgt Ion: 83	Resp: 87460
Ion Ratio	Lower Upper
83 100	
85 57.7	52.8 79.2





#31

Cyclohexane

Concen: 22.133 ug/l

RT: 8.253 min Scan# 1071

Delta R.T. 0.000 min

Lab File: VN083749.D

Acq: 10 Sep 2024 12:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

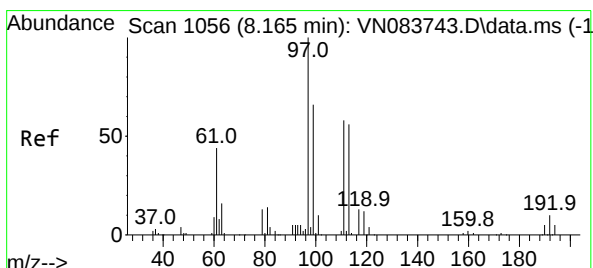
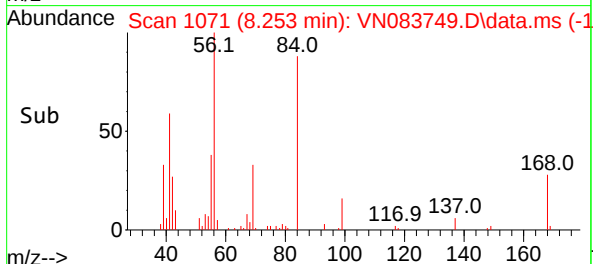
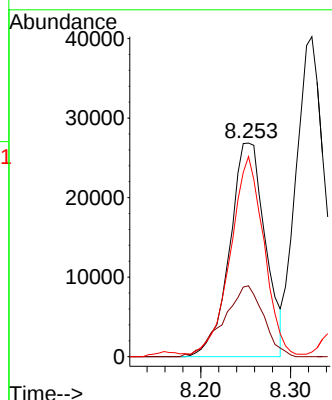
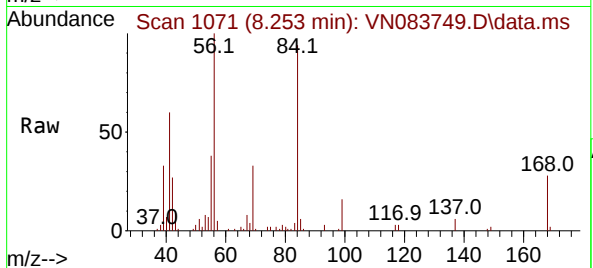
Tgt Ion:	56	Resp:	7384
Ion Ratio	Lower	Upper	
56	100		
69	33.2	26.9	40.3
84	92.3	69.2	103.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/11/2024

Supervised By :Semsettin Yesilyurt 09/11/2024



#32

1,1,1-Trichloroethane

Concen: 23.176 ug/l

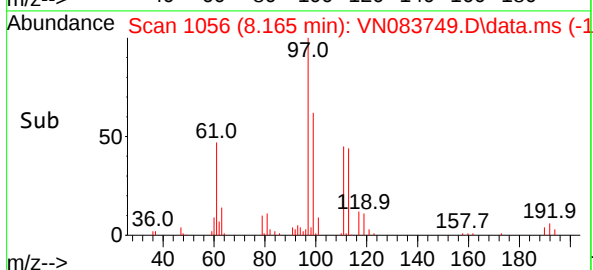
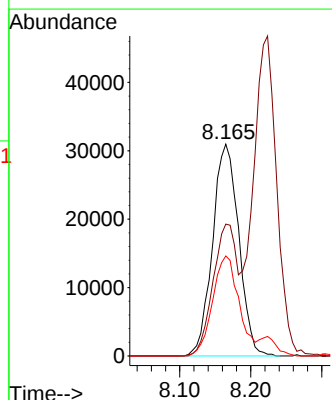
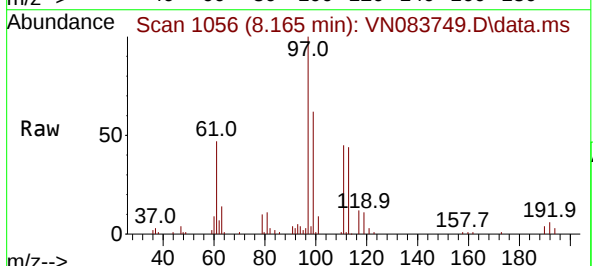
RT: 8.165 min Scan# 1056

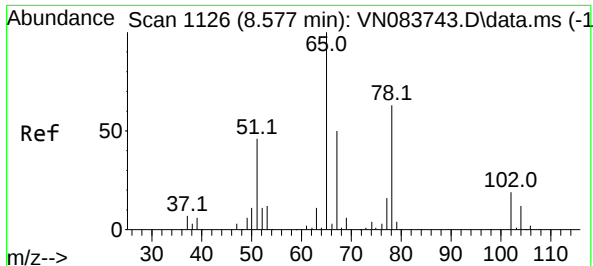
Delta R.T. 0.000 min

Lab File: VN083749.D

Acq: 10 Sep 2024 12:43

Tgt Ion:	97	Resp:	79170
Ion Ratio	Lower	Upper	
97	100		
99	55.9	52.3	78.5
61	47.5	38.2	57.2





#33

1,2-Dichloroethane-d4

Concen: 19.406 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN083749.D

Acq: 10 Sep 2024 12:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

Tgt Ion: 65 Resp: 44799

Ion Ratio Lower Upper

65 100

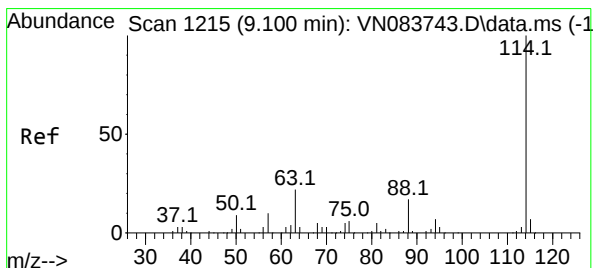
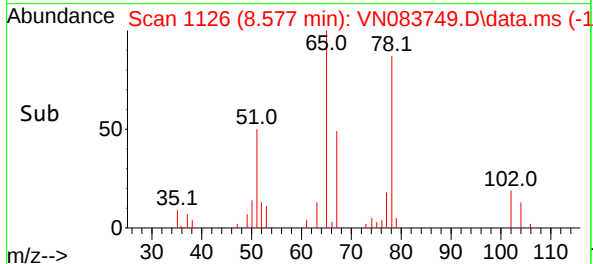
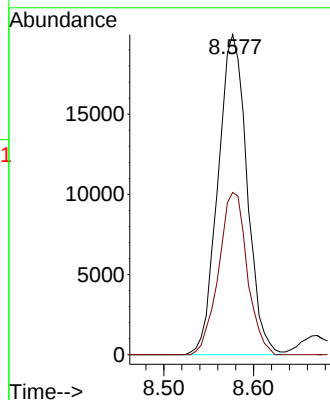
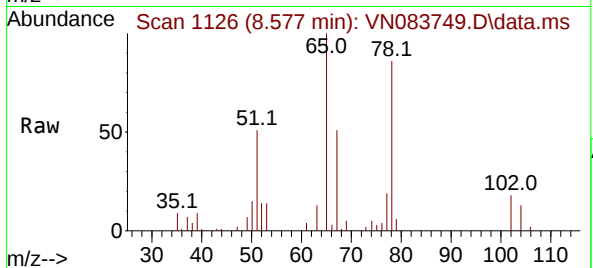
67 49.9 0.0 100.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/11/2024

Supervised By :Semsettin Yesilyurt 09/11/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.000 min

Lab File: VN083749.D

Acq: 10 Sep 2024 12:43

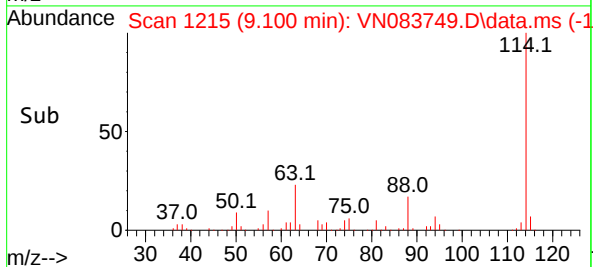
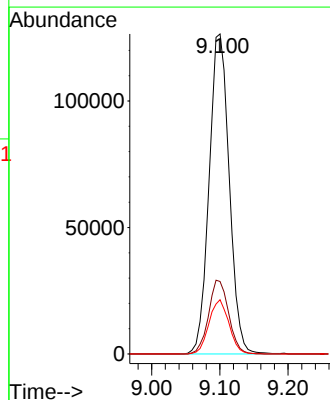
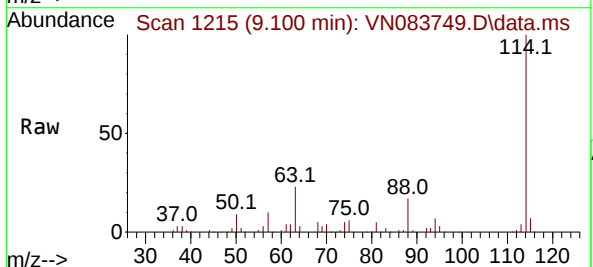
Tgt Ion:114 Resp: 259980

Ion Ratio Lower Upper

114 100

63 22.7 0.0 43.4

88 17.0 0.0 32.6





#35

Dibromofluoromethane

Concen: 20.034 ug/l

RT: 8.159 min Scan# 1055

Delta R.T. -0.006 min

Lab File: VN083749.D

Acq: 10 Sep 2024 12:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

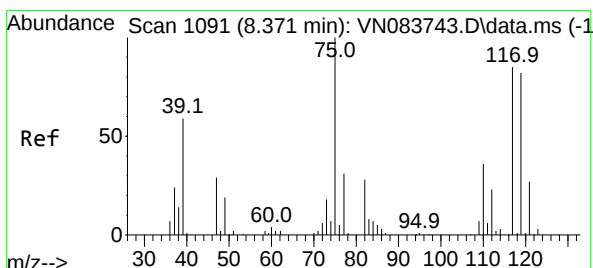
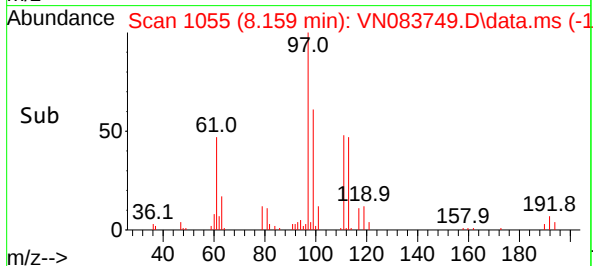
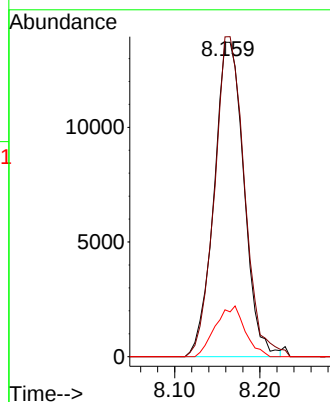
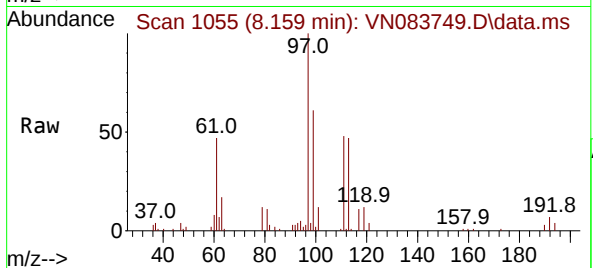
Tgt Ion:	113	Resp:	3334
Ion Ratio	Lower	Upper	
113	100		
111	101.7	82.6	124.0
192	16.0	14.3	21.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/11/2024

Supervised By :Semsettin Yesilyurt 09/11/2024



#36

1,1-Dichloropropene

Concen: 23.081 ug/l

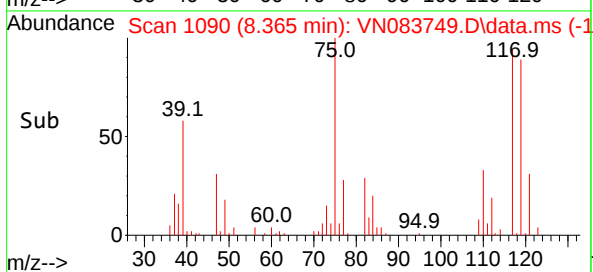
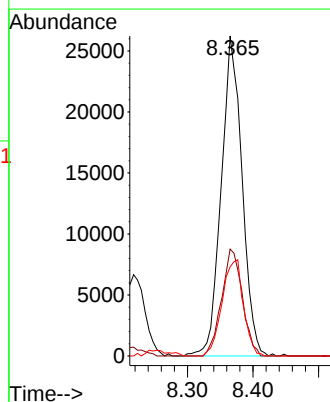
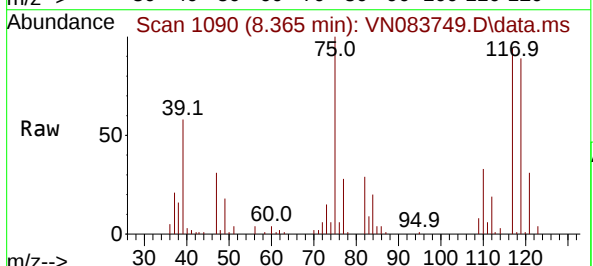
RT: 8.365 min Scan# 1090

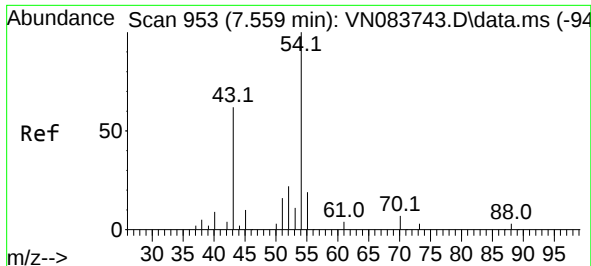
Delta R.T. -0.006 min

Lab File: VN083749.D

Acq: 10 Sep 2024 12:43

Tgt Ion:	75	Resp:	57819
Ion Ratio	Lower	Upper	
75	100		
110	33.2	16.7	50.1
77	30.7	25.2	37.8





#37

Ethyl Acetate

Concen: 24.088 ug/l

RT: 7.559 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN083749.D

Acq: 10 Sep 2024 12:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

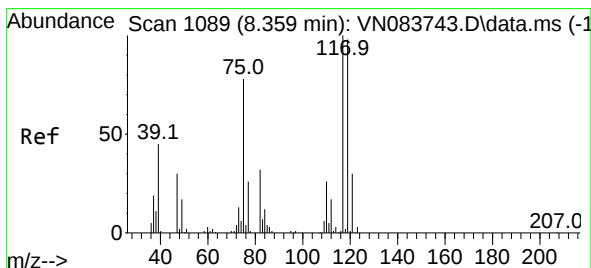
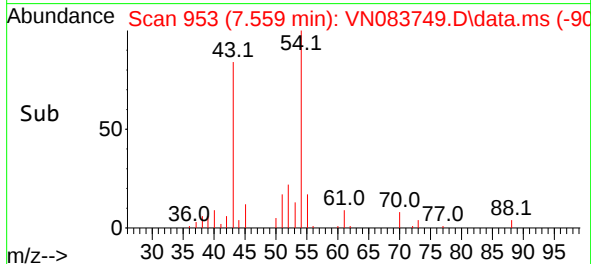
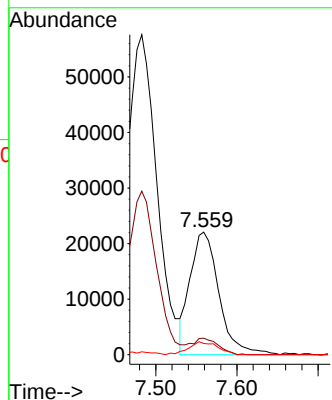
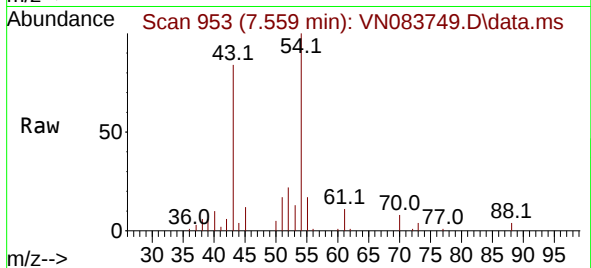
Tgt Ion: 43	Resp: 54774
Ion Ratio	Lower Upper
43 100	
61 12.2	11.1 16.7
70 10.4	8.8 13.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/11/2024

Supervised By :Semsettin Yesilyurt 09/11/2024



#38

Carbon Tetrachloride

Concen: 23.526 ug/l

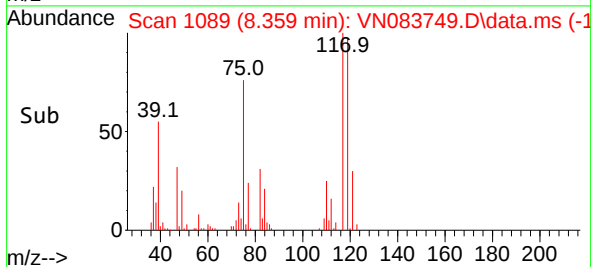
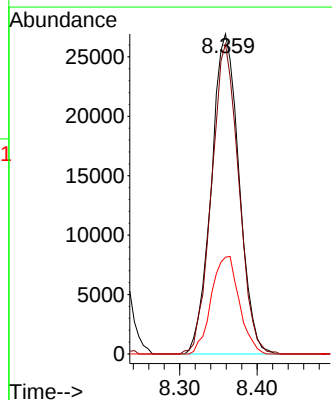
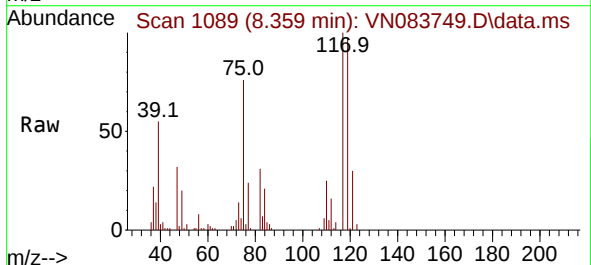
RT: 8.359 min Scan# 1089

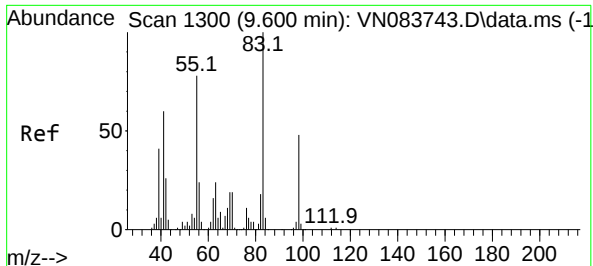
Delta R.T. 0.000 min

Lab File: VN083749.D

Acq: 10 Sep 2024 12:43

Tgt Ion: 117	Resp: 66860
Ion Ratio	Lower Upper
117 100	
119 96.8	76.1 114.1
121 30.3	24.1 36.1





#39

Methylcyclohexane

Concen: 24.123 ug/l

RT: 9.600 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN083749.D

Acq: 10 Sep 2024 12:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

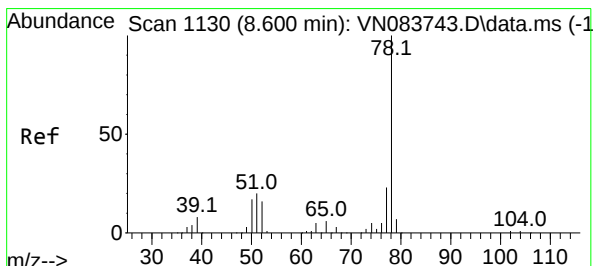
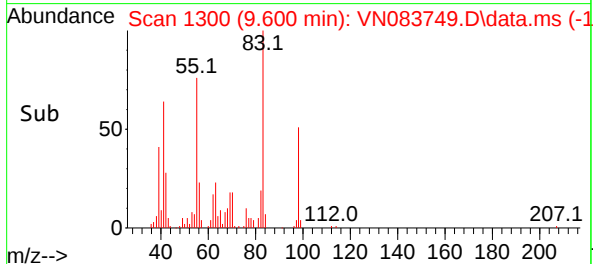
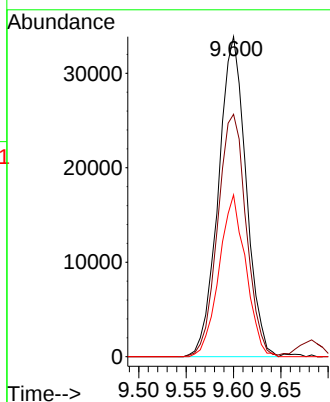
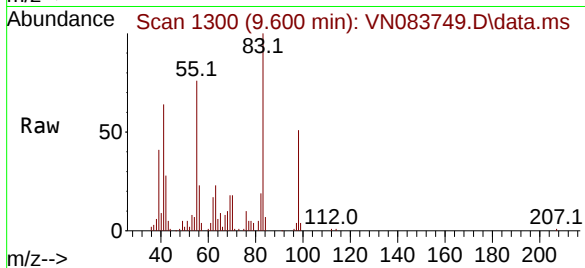
Tgt Ion: 83	Resp: 6878
Ion Ratio	Lower Upper
83	100
55	75.7 62.2 93.4
98	50.6 37.6 56.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/11/2024

Supervised By :Semsettin Yesilyurt 09/11/2024



#40

Benzene

Concen: 23.997 ug/l

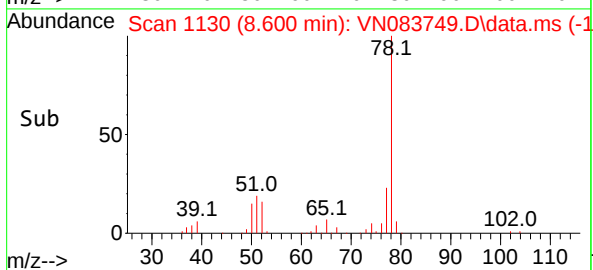
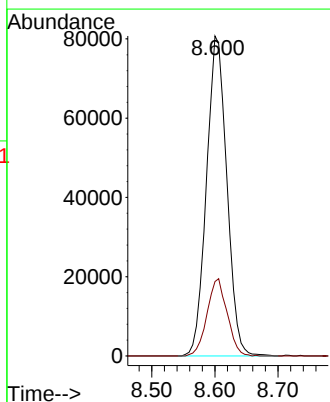
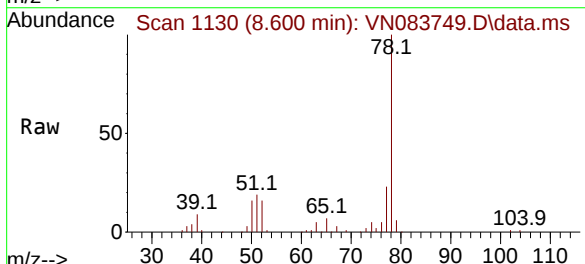
RT: 8.600 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN083749.D

Acq: 10 Sep 2024 12:43

Tgt Ion: 78	Resp: 180938
Ion Ratio	Lower Upper
78	100
77	23.3 19.0 28.6





#41
Methacrylonitrile
Concen: 23.154 ug/l
RT: 7.777 min Scan# 990
Delta R.T. 0.000 min
Lab File: VN083749.D
Acq: 10 Sep 2024 12:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

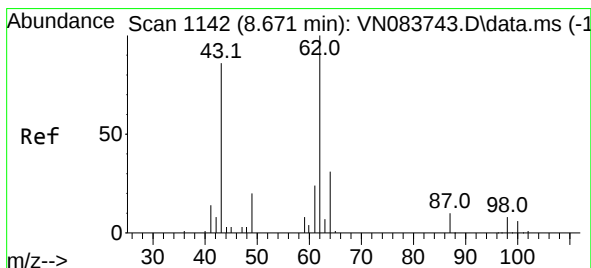
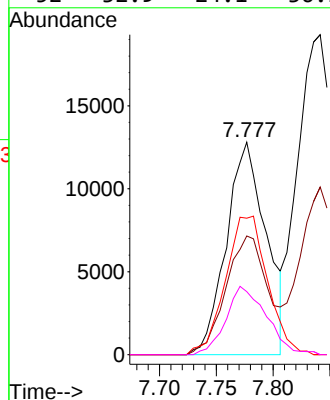
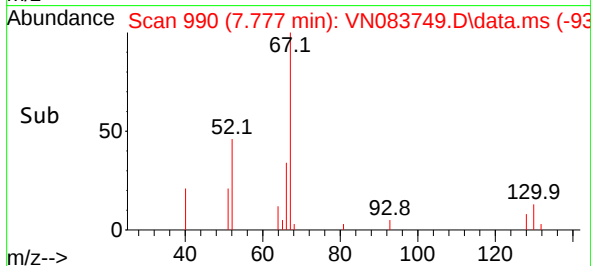
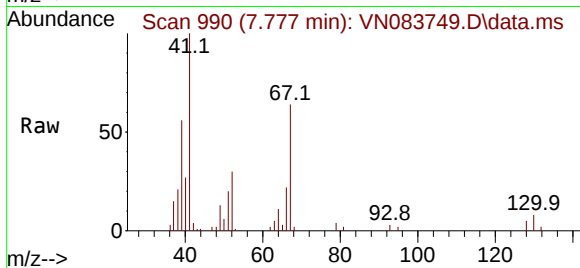
Tgt Ion: 41 Resp: 31140
Ion Ratio Lower Upper
41 100
39 58.8 45.4 68.2
67 69.1 55.9 83.9
52 32.9 24.1 36.1

Manual Integrations

APPROVED

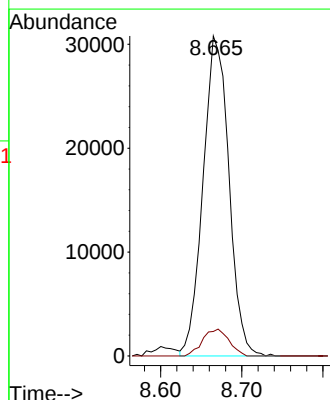
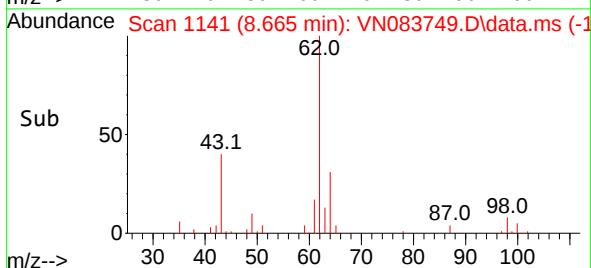
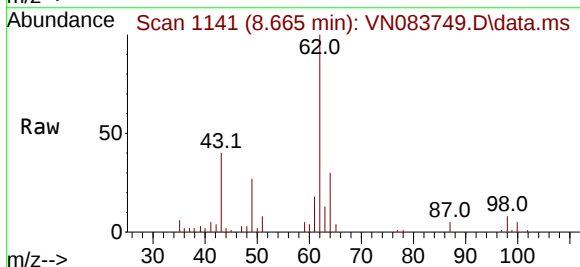
Reviewed By :John Carlone 09/11/2024

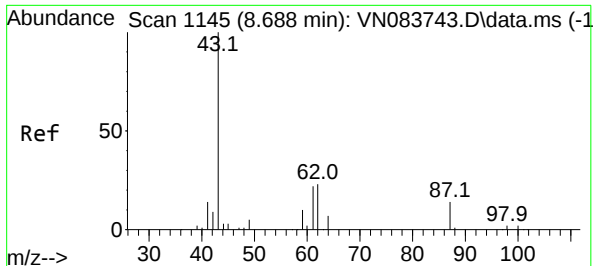
Supervised By :Semsettin Yesilyurt 09/11/2024



#42
1,2-Dichloroethane
Concen: 24.216 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.006 min
Lab File: VN083749.D
Acq: 10 Sep 2024 12:43

Tgt Ion: 62 Resp: 68226
Ion Ratio Lower Upper
62 100
98 8.5 0.0 16.6





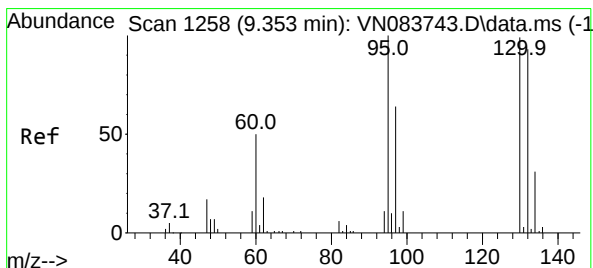
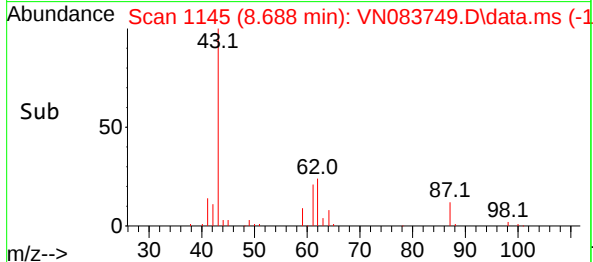
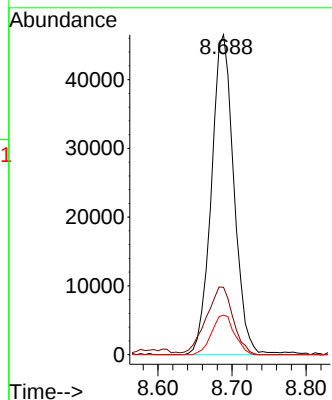
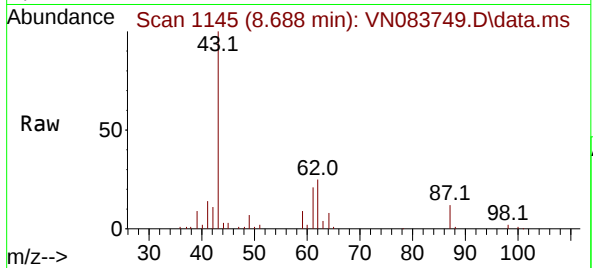
#43
Isopropyl Acetate
Concen: 23.775 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN083749.D
Acq: 10 Sep 2024 12:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 97960
Ion Ratio Lower Upper
43 100
61 25.3 19.4 29.0
87 12.6 9.8 14.6

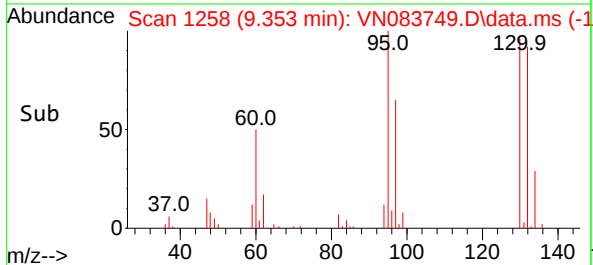
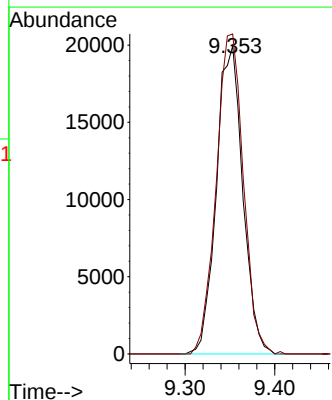
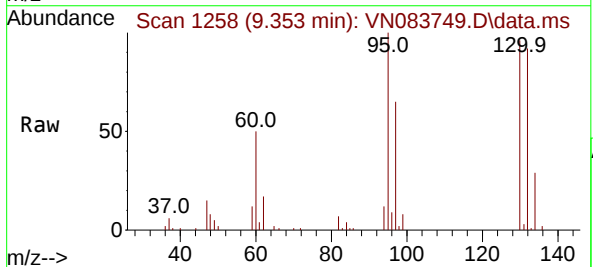
Manual Integrations
APPROVED

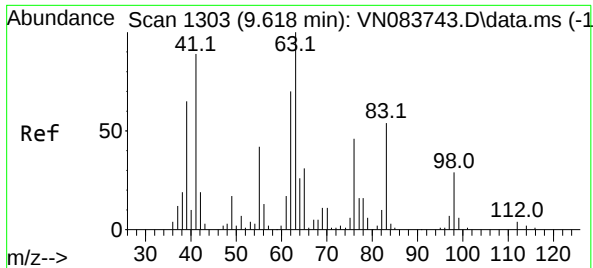
Reviewed By :John Carlone 09/11/2024
Supervised By :Semsettin Yesilyurt 09/11/2024



#44
Trichloroethene
Concen: 23.356 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VN083749.D
Acq: 10 Sep 2024 12:43

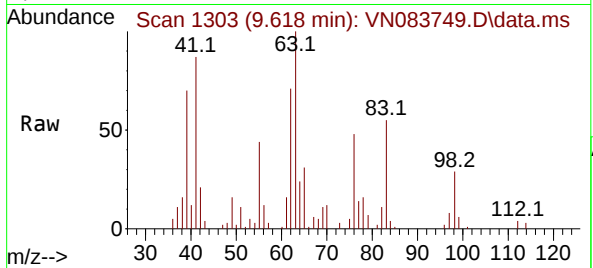
Tgt Ion:130 Resp: 40782
Ion Ratio Lower Upper
130 100
95 103.9 0.0 200.4





#45
1,2-Dichloropropane
Concen: 24.451 ug/l
RT: 9.618 min Scan# 1303
Delta R.T. 0.000 min
Lab File: VN083749.D
Acq: 10 Sep 2024 12:43

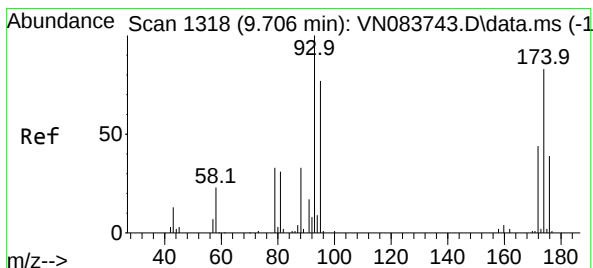
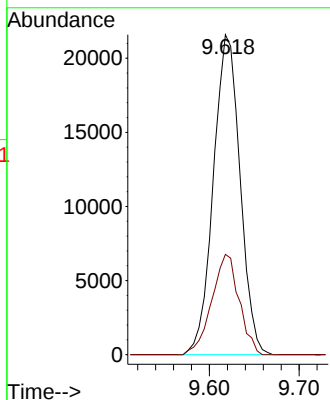
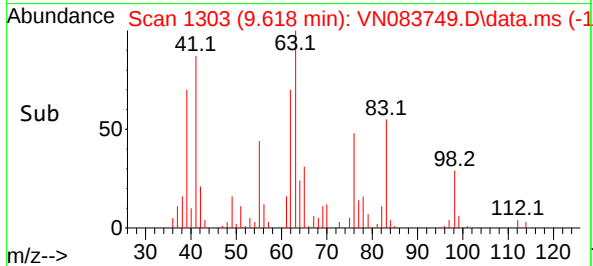
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



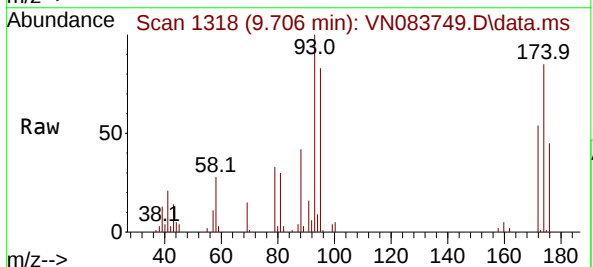
Tgt Ion: 63 Resp: 44560
Ion Ratio Lower Upper
63 100
65 31.3 25.9 38.9

Manual Integrations
APPROVED

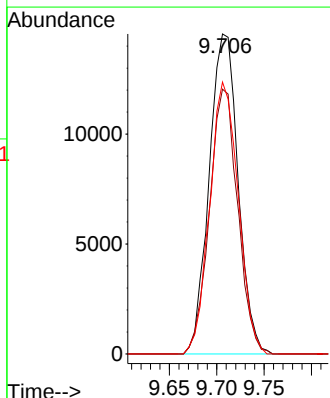
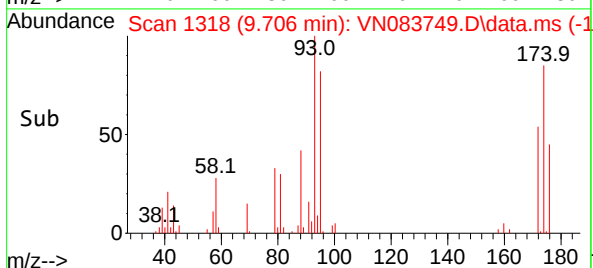
Reviewed By :John Carlone 09/11/2024
Supervised By :Semsettin Yesilyurt 09/11/2024



#46
Dibromomethane
Concen: 24.250 ug/l
RT: 9.706 min Scan# 1318
Delta R.T. 0.000 min
Lab File: VN083749.D
Acq: 10 Sep 2024 12:43



Tgt Ion: 93 Resp: 30954
Ion Ratio Lower Upper
93 100
95 81.0 65.3 97.9
174 84.2 71.0 106.4





#47
Bromodichloromethane
Concen: 23.945 ug/l
RT: 9.882 min Scan# 1349
Delta R.T. -0.006 min
Lab File: VN083749.D
Acq: 10 Sep 2024 12:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

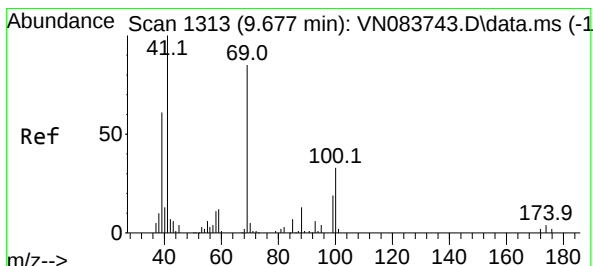
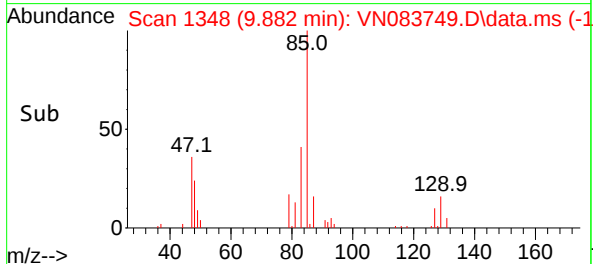
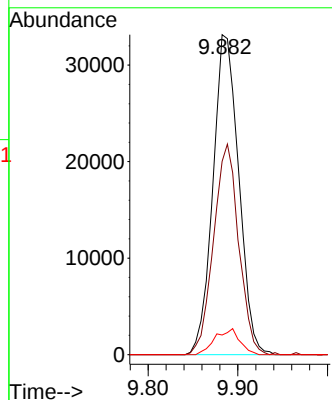
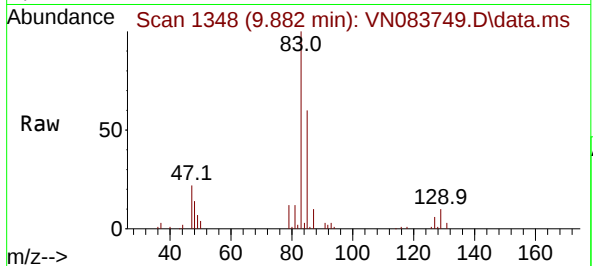
Tgt Ion: 83 Resp: 6614
Ion Ratio Lower Upper
83 100
85 60.4 51.8 77.8
127 6.2 6.6 9.8

Manual Integrations

APPROVED

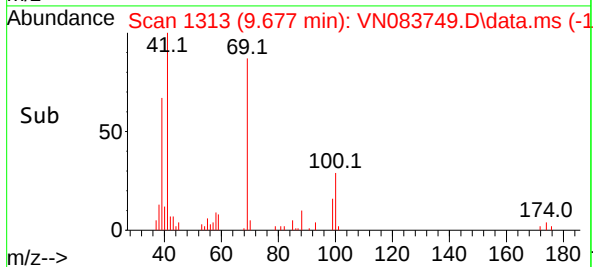
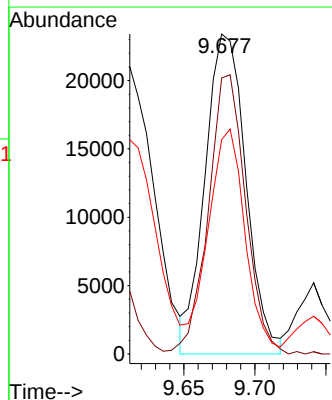
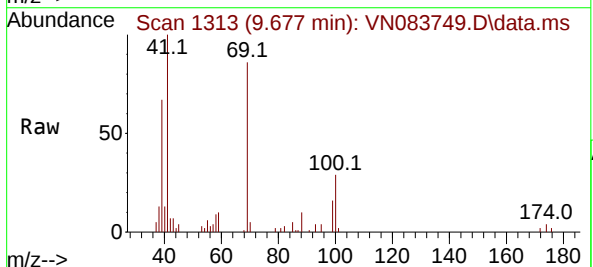
Reviewed By :John Carlone 09/11/2024

Supervised By :Semsettin Yesilyurt 09/11/2024



#48
Methyl methacrylate
Concen: 23.933 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. 0.000 min
Lab File: VN083749.D
Acq: 10 Sep 2024 12:43

Tgt Ion: 41 Resp: 46788
Ion Ratio Lower Upper
41 100
69 79.8 64.3 96.5
39 64.6 48.9 73.3





#49

1,4-Dioxane

Concen: 465.914 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. 0.000 min

Lab File: VN083749.D

Acq: 10 Sep 2024 12:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion: 88 Resp: 14984

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

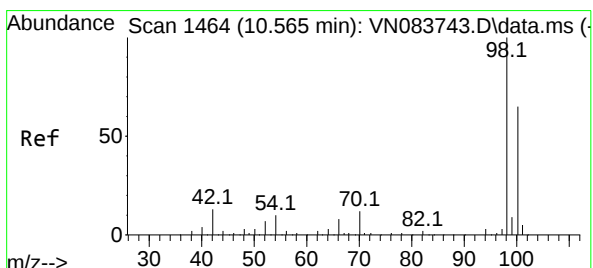
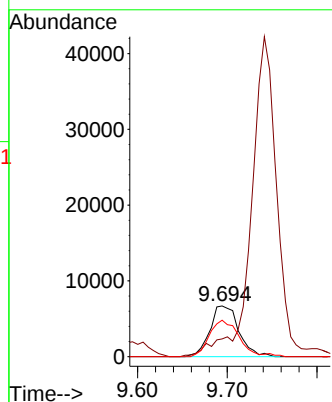
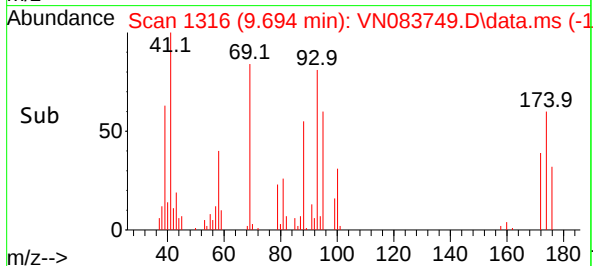
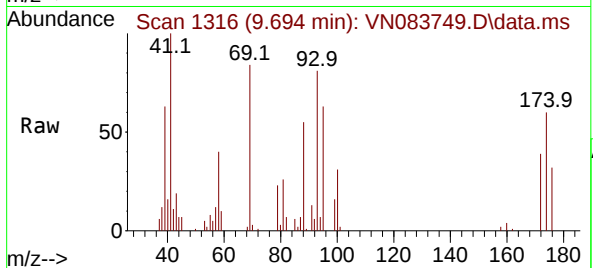
58 74.8 57.1 85.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/11/2024

Supervised By :Semsettin Yesilyurt 09/11/2024



#50

Toluene-d8

Concen: 20.418 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VN083749.D

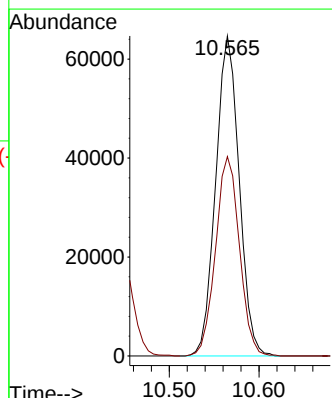
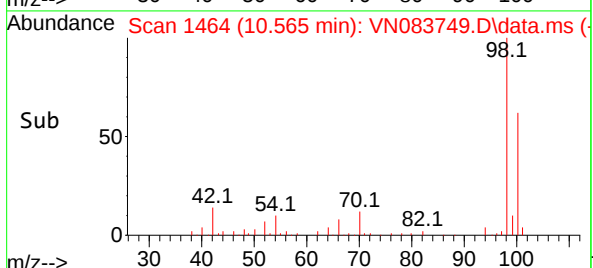
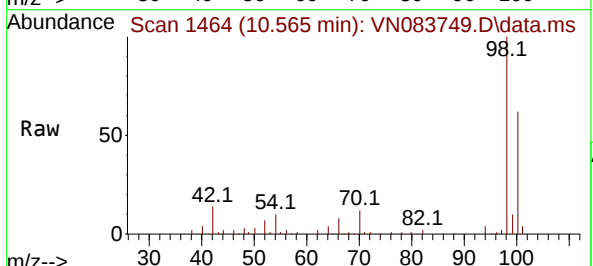
Acq: 10 Sep 2024 12:43

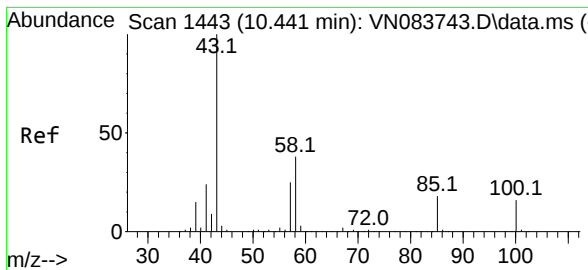
Tgt Ion: 98 Resp: 117482

Ion Ratio Lower Upper

98 100

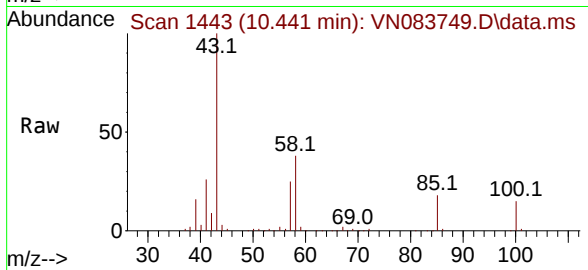
100 63.4 52.0 78.0





#51
4-Methyl-2-Pentanone
Concen: 120.721 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN083749.D
Acq: 10 Sep 2024 12:43

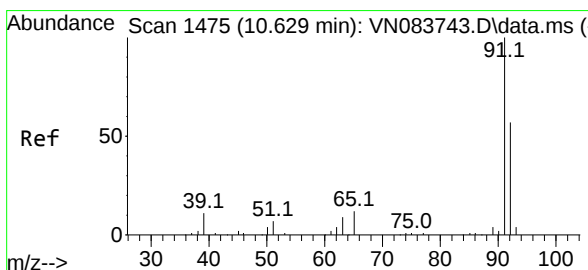
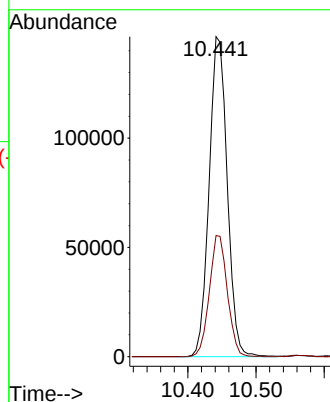
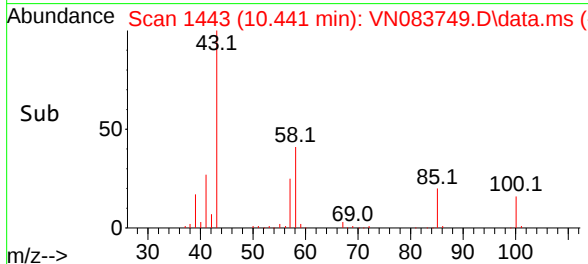
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion: 43 Resp: 270783
Ion Ratio Lower Upper
43 100
58 37.6 31.6 47.4

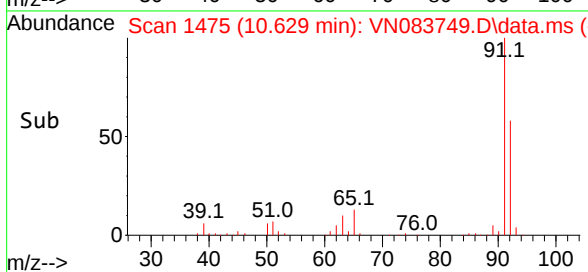
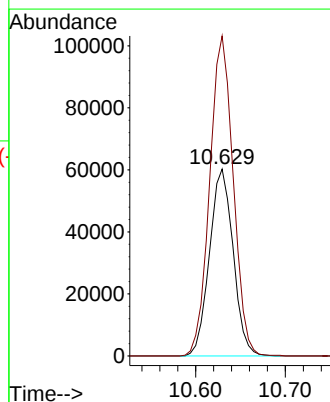
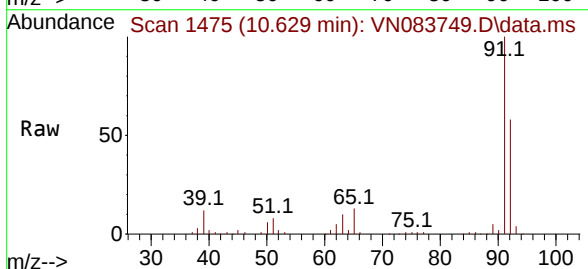
Manual Integrations
APPROVED

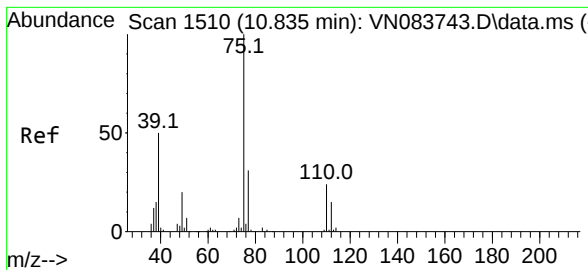
Reviewed By :John Carlone 09/11/2024
Supervised By :Semsettin Yesilyurt 09/11/2024



#52
Toluene
Concen: 23.911 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN083749.D
Acq: 10 Sep 2024 12:43

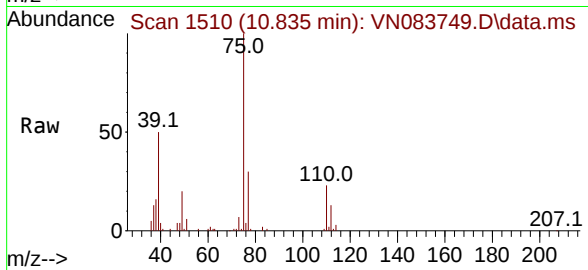
Tgt Ion: 92 Resp: 110278
Ion Ratio Lower Upper
92 100
91 170.5 134.7 202.1





#53
t-1,3-Dichloropropene
Concen: 23.266 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VN083749.D
Acq: 10 Sep 2024 12:43

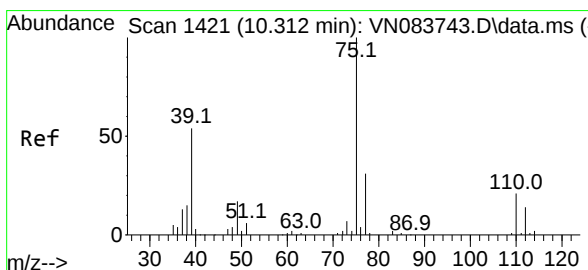
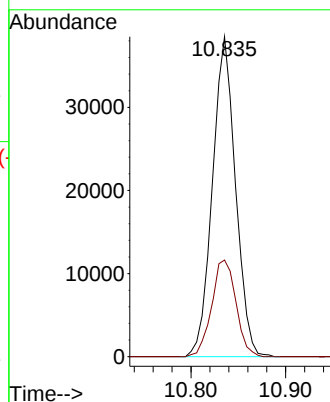
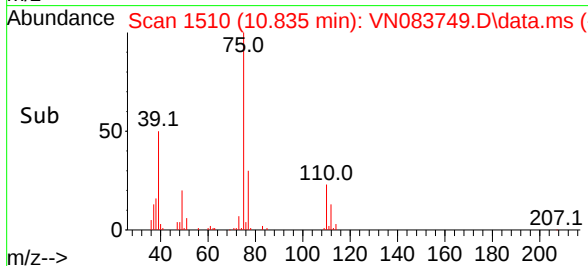
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion: 75 Resp: 65148
Ion Ratio Lower Upper
75 100
77 30.2 25.8 38.6

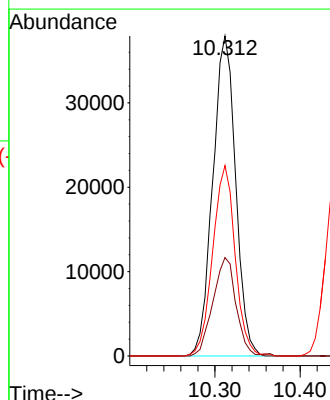
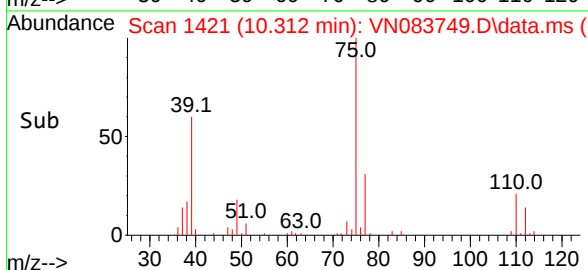
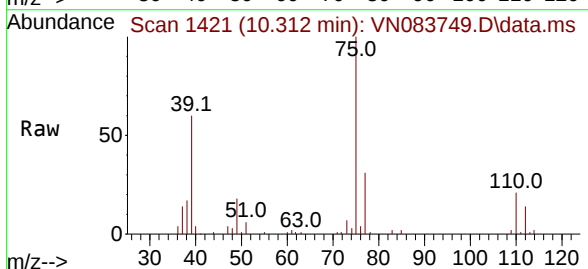
Manual Integrations
APPROVED

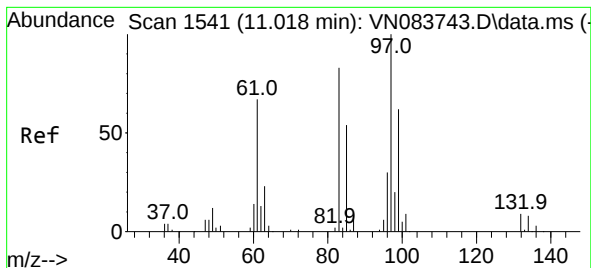
Reviewed By :John Carlone 09/11/2024
Supervised By :Semsettin Yesilyurt 09/11/2024



#54
cis-1,3-Dichloropropene
Concen: 24.035 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. 0.000 min
Lab File: VN083749.D
Acq: 10 Sep 2024 12:43

Tgt Ion: 75 Resp: 70696
Ion Ratio Lower Upper
75 100
77 30.8 25.0 37.6
39 59.5 42.6 64.0





#55

1,1,2-Trichloroethane

Concen: 23.375 ug/l

RT: 11.018 min Scan# 1541

Delta R.T. 0.000 min

Lab File: VN083749.D

Acq: 10 Sep 2024 12:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion: 97 Resp: 4024

Ion Ratio Lower Upper

97 100

83 81.8 67.5 101.3

85 57.8 44.2 66.2

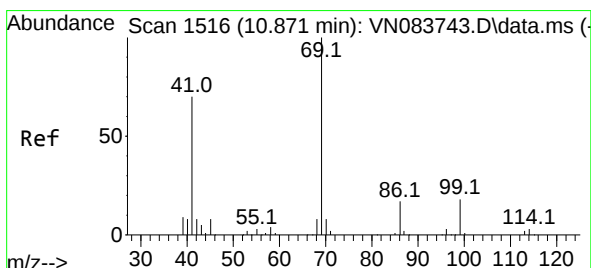
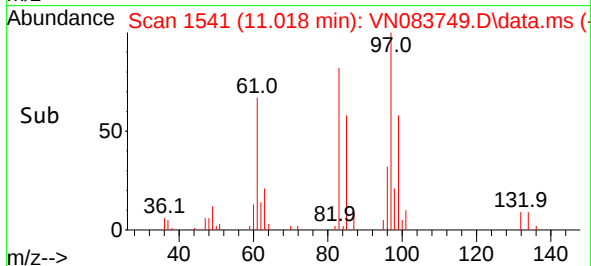
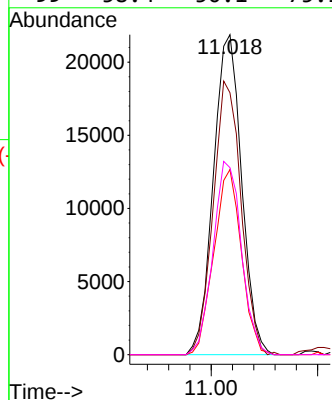
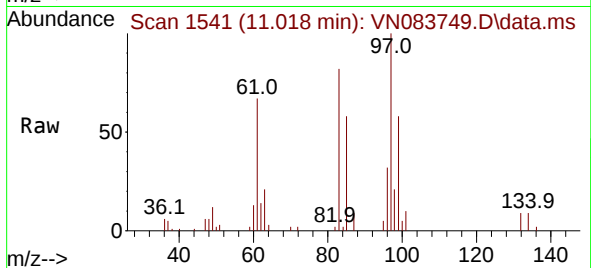
99 58.4 50.1 75.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/11/2024

Supervised By :Semsettin Yesilyurt 09/11/2024



#56

Ethyl methacrylate

Concen: 24.569 ug/l

RT: 10.871 min Scan# 1516

Delta R.T. 0.000 min

Lab File: VN083749.D

Acq: 10 Sep 2024 12:43

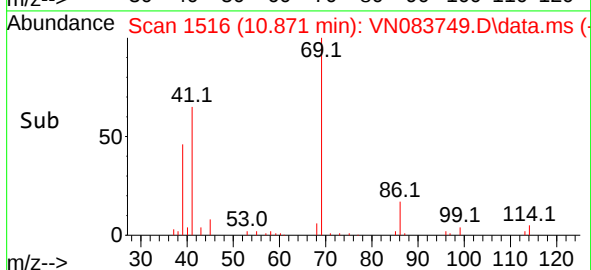
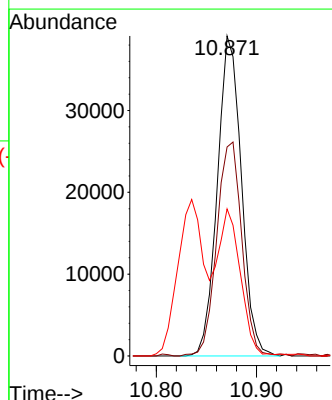
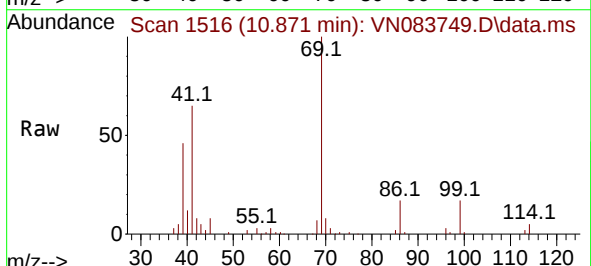
Tgt Ion: 69 Resp: 65086

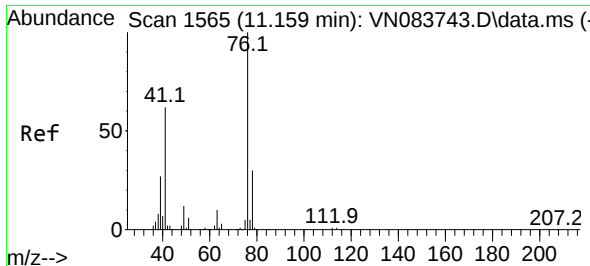
Ion Ratio Lower Upper

69 100

41 69.9 53.9 80.9

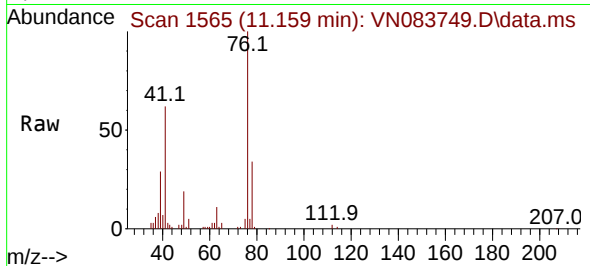
39 44.6 32.6 48.8





#57
1,3-Dichloropropane
Concen: 23.964 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. 0.000 min
Lab File: VN083749.D
Acq: 10 Sep 2024 12:43

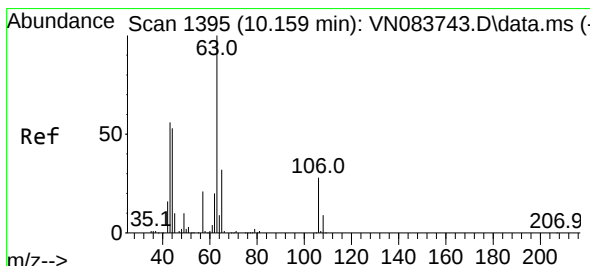
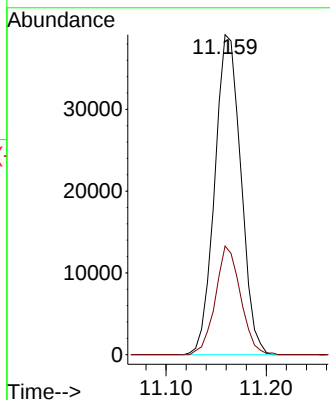
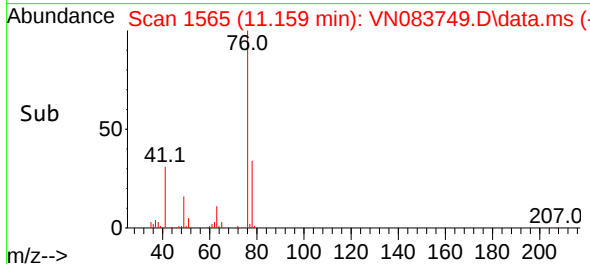
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



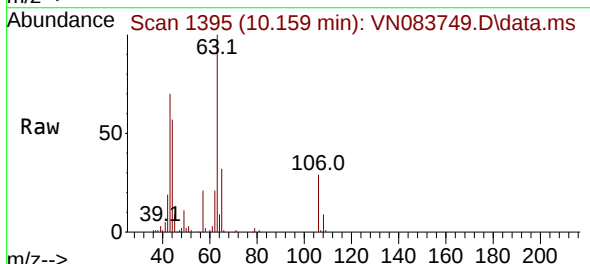
Tgt Ion: 76 Resp: 70910
Ion Ratio Lower Upper
76 100
78 32.6 25.8 38.6

Manual Integrations
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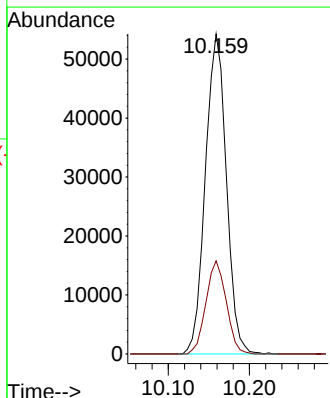
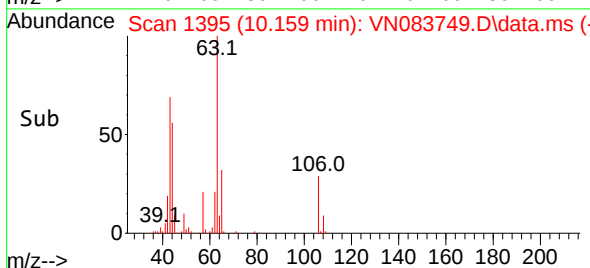
Reviewed By :John Carlone 09/11/2024
Supervised By :Semsettin Yesilyurt 09/11/2024

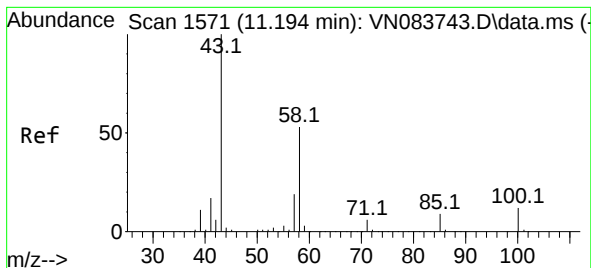


#58
2-Chloroethyl Vinyl ether
Concen: 102.024 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VN083749.D
Acq: 10 Sep 2024 12:43



Tgt Ion: 63 Resp: 97384
Ion Ratio Lower Upper
63 100
106 28.1 23.3 34.9





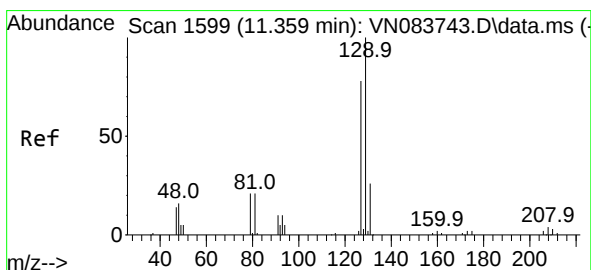
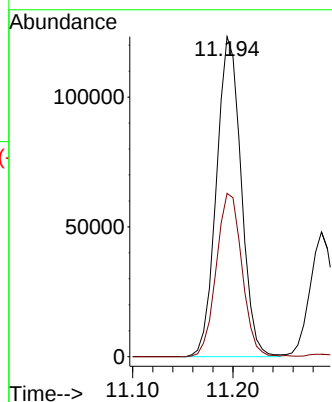
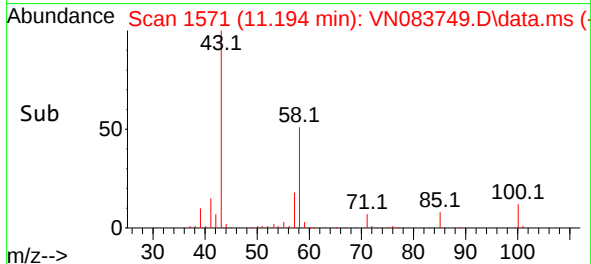
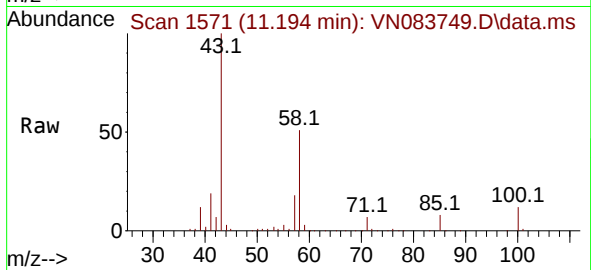
#59
2-Hexanone
Concen: 126.795 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN083749.D
Acq: 10 Sep 2024 12:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 21038
Ion Ratio Lower Upper
43 100
58 53.1 27.2 81.5

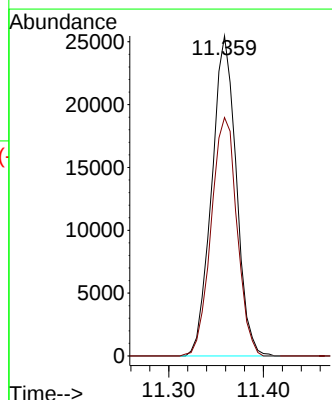
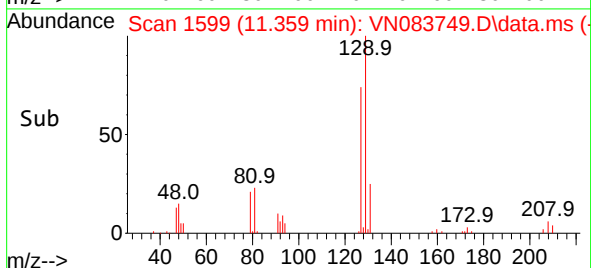
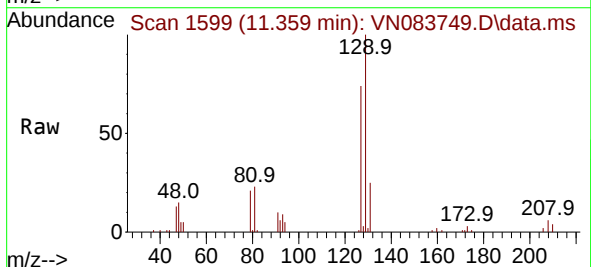
Manual Integrations
APPROVED

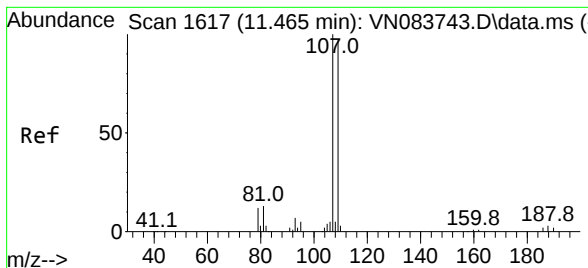
Reviewed By :John Carlone 09/11/2024
Supervised By :Semsettin Yesilyurt 09/11/2024



#60
Dibromochloromethane
Concen: 23.725 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN083749.D
Acq: 10 Sep 2024 12:43

Tgt Ion:129 Resp: 45716
Ion Ratio Lower Upper
129 100
127 78.4 39.0 116.9





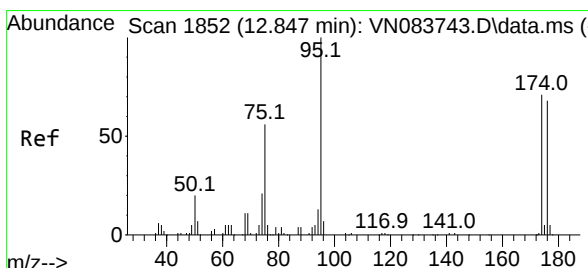
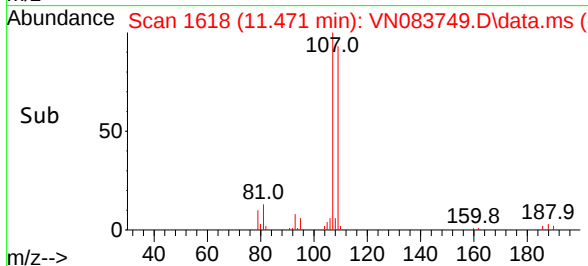
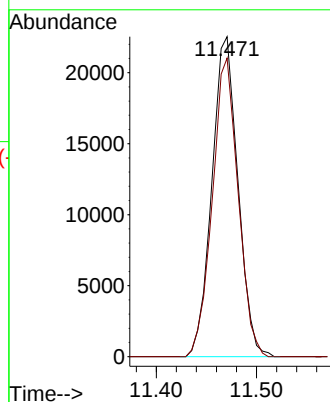
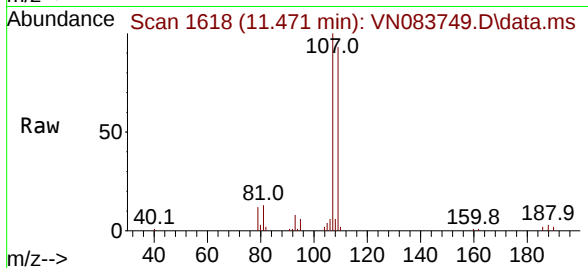
#61
1,2-Dibromoethane
Concen: 23.669 ug/l
RT: 11.471 min Scan# 1617
Delta R.T. 0.006 min
Lab File: VN083749.D
Acq: 10 Sep 2024 12:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion:107 Resp: 4064
Ion Ratio Lower Upper
107 100
109 92.5 75.6 113.4

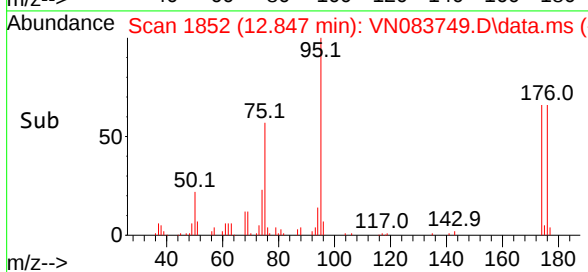
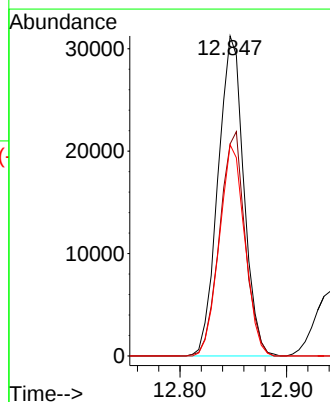
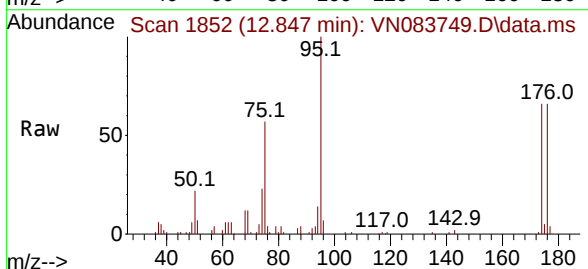
Manual Integrations
APPROVED

Reviewed By :John Carlone 09/11/2024
Supervised By :Semsettin Yesilyurt 09/11/2024



#62
4-Bromofluorobenzene
Concen: 22.046 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN083749.D
Acq: 10 Sep 2024 12:43

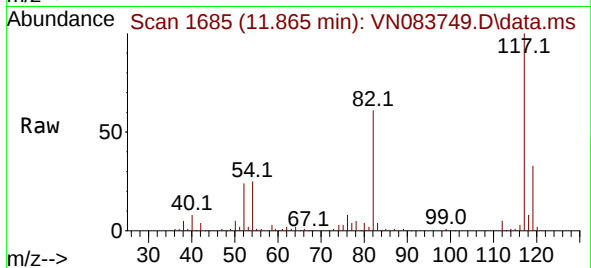
Tgt Ion: 95 Resp: 52334
Ion Ratio Lower Upper
95 100
174 69.6 0.0 139.8
176 65.7 0.0 131.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN083749.D
Acq: 10 Sep 2024 12:43

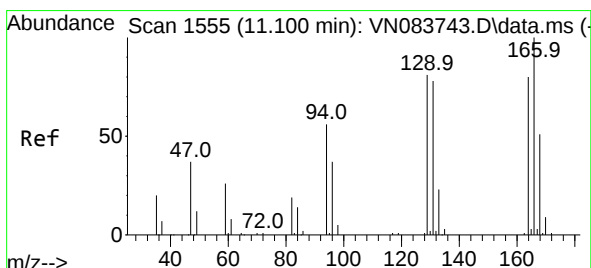
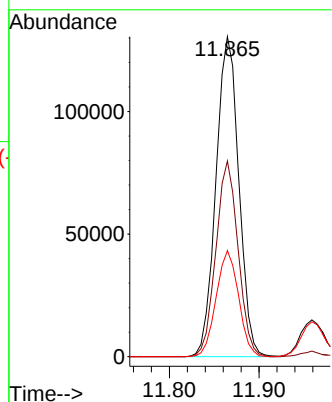
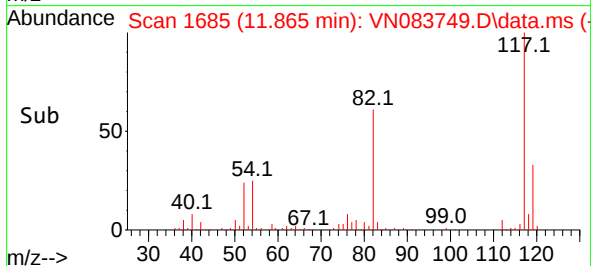
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



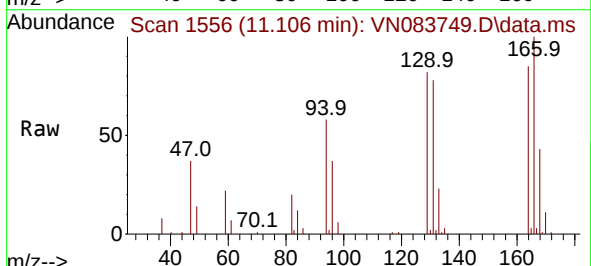
Tgt Ion:117 Resp: 23098
Ion Ratio Lower Upper
117 100
82 61.1 47.4 71.0
119 33.2 26.3 39.5

Manual Integrations
APPROVED

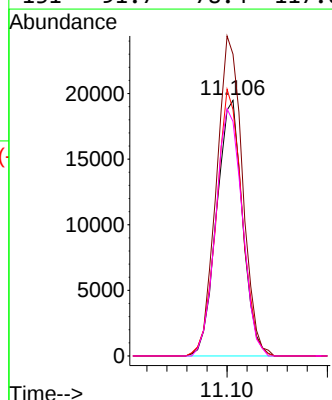
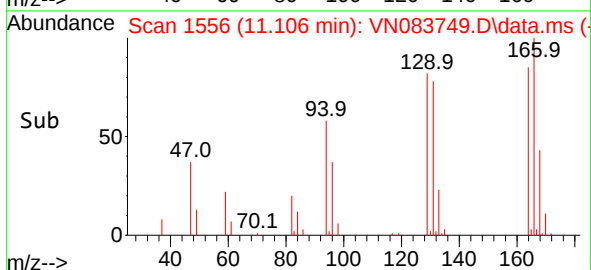
Reviewed By :John Carlone 09/11/2024
Supervised By :Semsettin Yesilyurt 09/11/2024

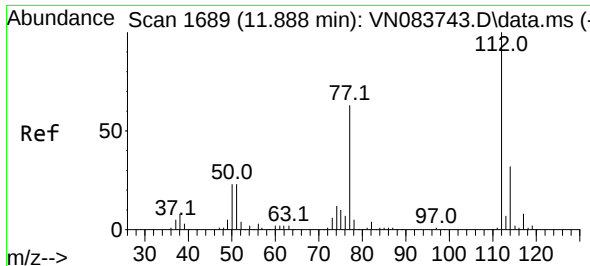


#64
Tetrachloroethene
Concen: 22.688 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.006 min
Lab File: VN083749.D
Acq: 10 Sep 2024 12:43



Tgt Ion:164 Resp: 34851
Ion Ratio Lower Upper
164 100
166 118.1 103.7 155.5
129 96.4 79.9 119.9
131 91.7 78.4 117.6





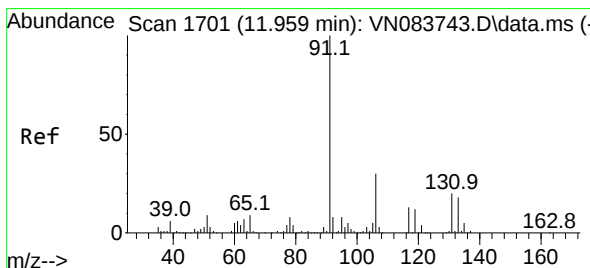
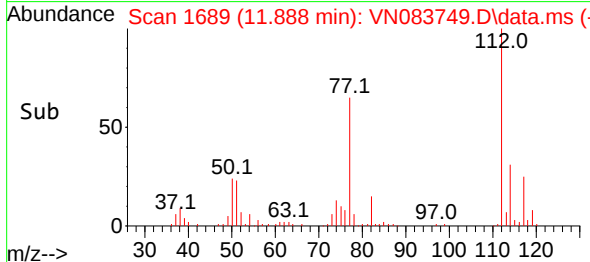
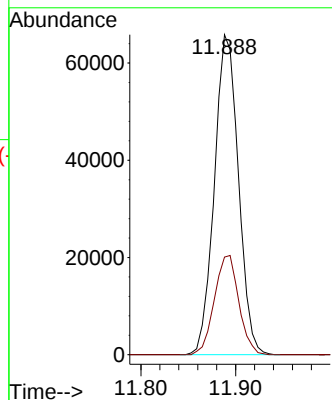
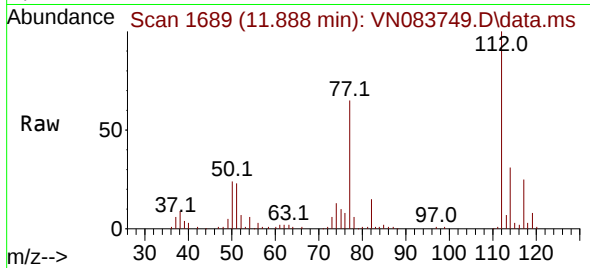
#65
Chlorobenzene
Concen: 22.620 ug/l
RT: 11.888 min Scan# 11612
Delta R.T. 0.000 min
Lab File: VN083749.D
Acq: 10 Sep 2024 12:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion:112 Resp: 11612
Ion Ratio Lower Upper
112 100
114 30.5 25.7 38.5

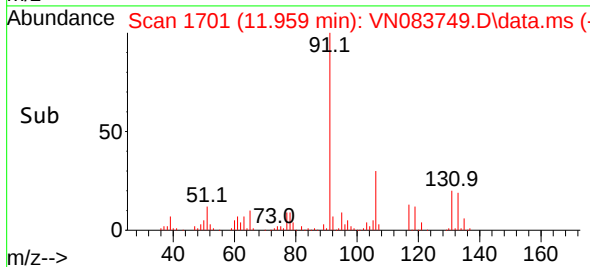
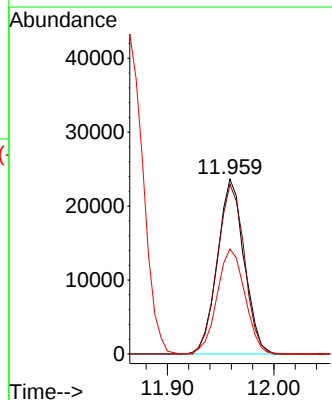
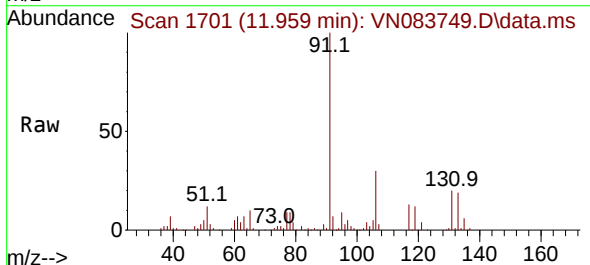
Manual Integrations
APPROVED

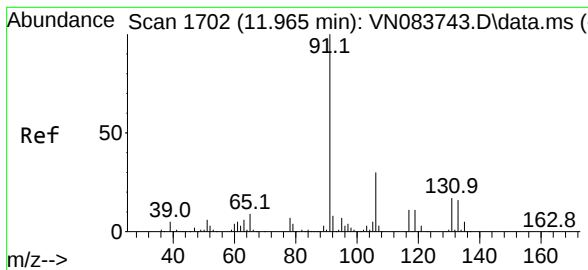
Reviewed By :John Carlone 09/11/2024
Supervised By :Semsettin Yesilyurt 09/11/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 23.124 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN083749.D
Acq: 10 Sep 2024 12:43

Tgt Ion:131 Resp: 41153
Ion Ratio Lower Upper
131 100
133 98.4 47.5 142.6
119 62.7 31.6 94.8





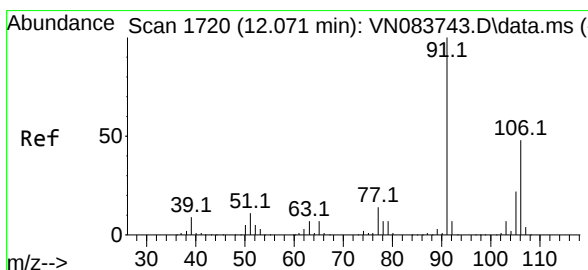
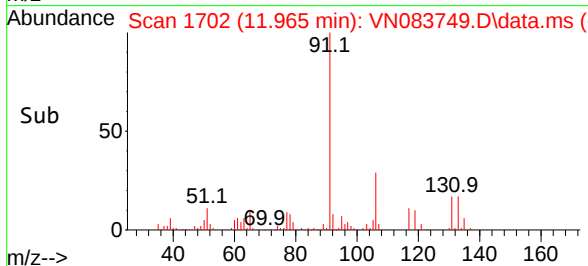
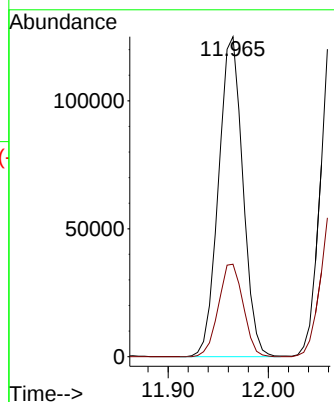
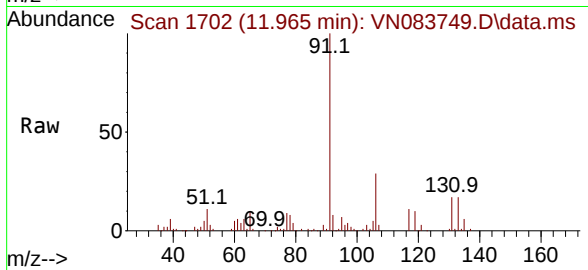
#67
Ethyl Benzene
Concen: 23.106 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN083749.D
Acq: 10 Sep 2024 12:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion: 91 Resp: 21071
Ion Ratio Lower Upper
91 100
106 28.9 24.3 36.5

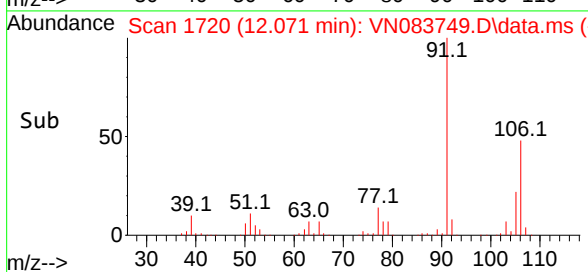
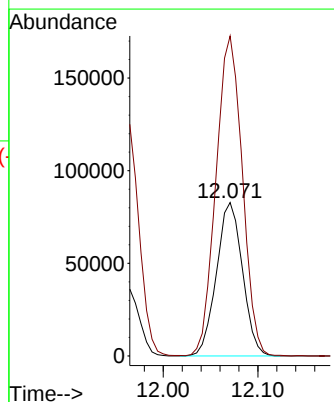
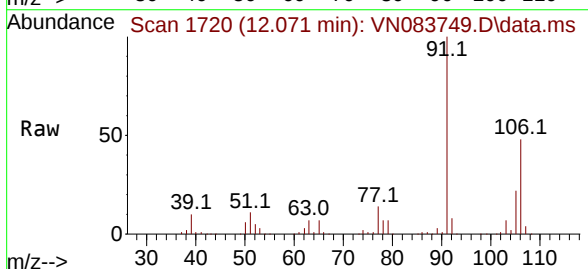
Manual Integrations
APPROVED

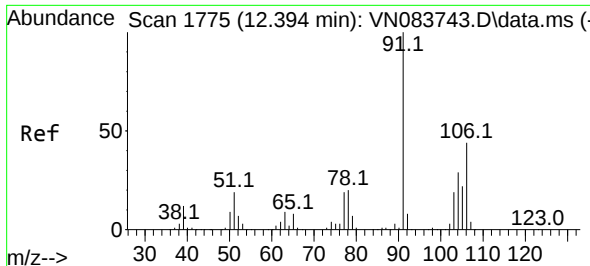
Reviewed By :John Carlone 09/11/2024
Supervised By :Semsettin Yesilyurt 09/11/2024



#68
m/p-Xylenes
Concen: 46.734 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN083749.D
Acq: 10 Sep 2024 12:43

Tgt Ion:106 Resp: 158230
Ion Ratio Lower Upper
106 100
91 211.5 169.2 253.8





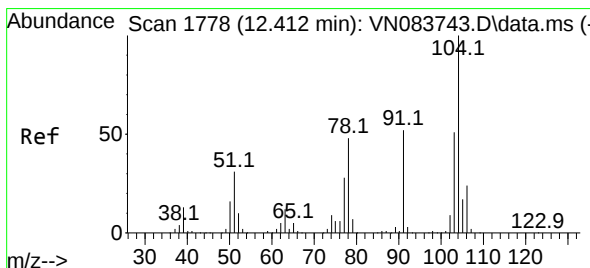
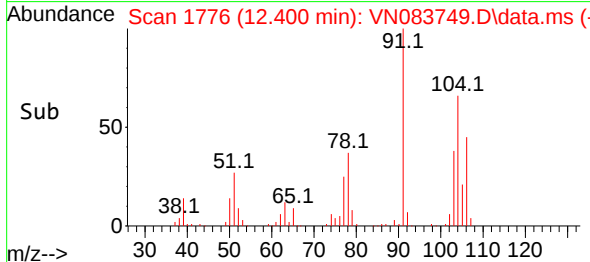
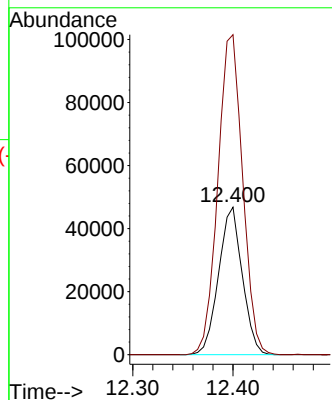
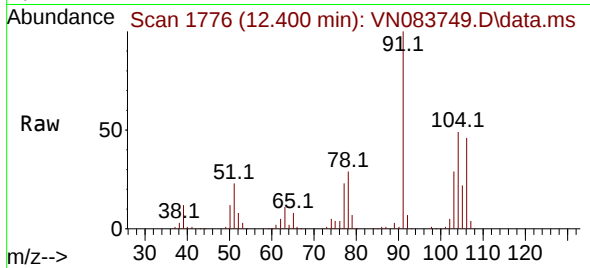
#69
o-Xylene
Concen: 23.438 ug/l
RT: 12.400 min Scan# 1775
Delta R.T. 0.006 min
Lab File: VN083749.D
Acq: 10 Sep 2024 12:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion:106 Resp: 7682
Ion Ratio Lower Upper
106 100
91 226.6 112.9 338.6

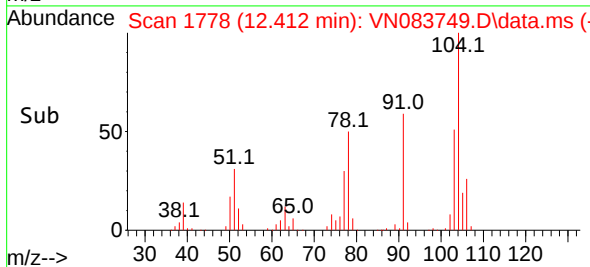
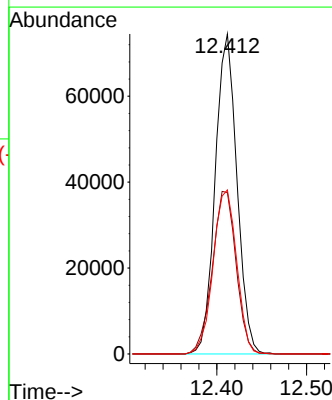
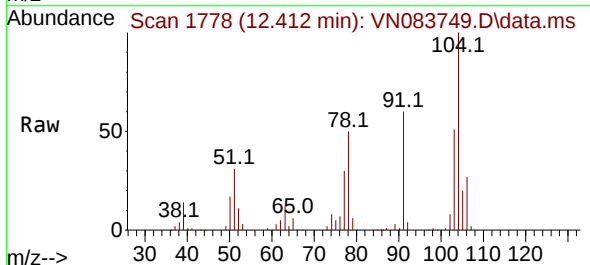
Manual Integrations
APPROVED

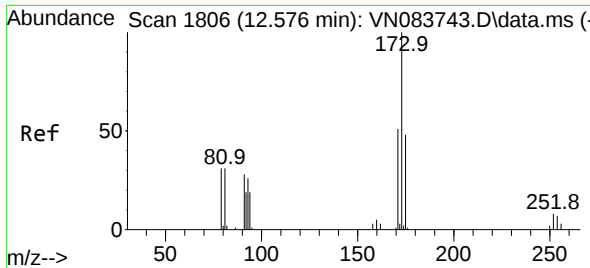
Reviewed By :John Carlone 09/11/2024
Supervised By :Semsettin Yesilyurt 09/11/2024



#70
Styrene
Concen: 23.262 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN083749.D
Acq: 10 Sep 2024 12:43

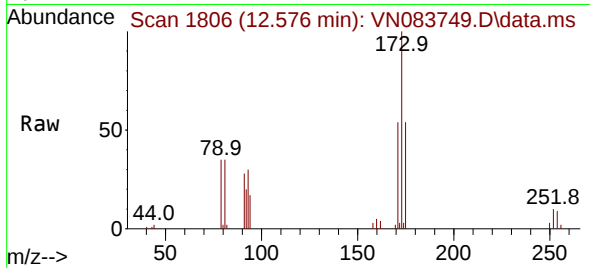
Tgt Ion:104 Resp: 125129
Ion Ratio Lower Upper
104 100
78 55.7 43.3 64.9
103 55.6 43.4 65.2





#71
Bromoform
Concen: 23.185 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VN083749.D
Acq: 10 Sep 2024 12:43

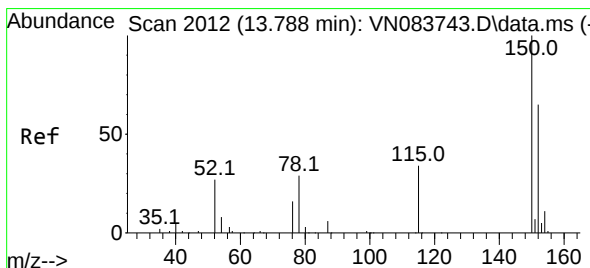
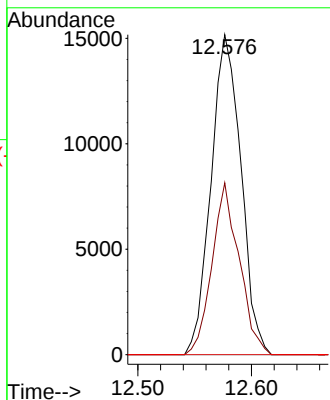
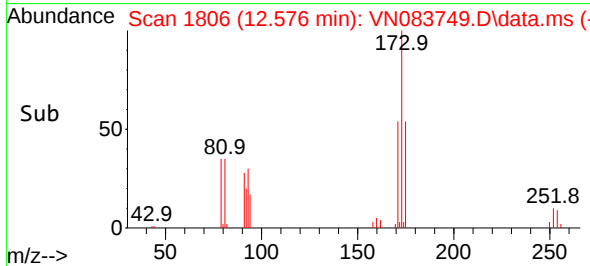
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



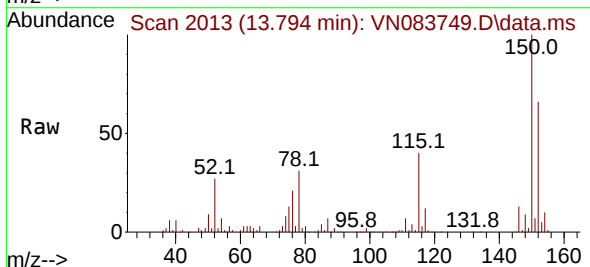
Tgt Ion:173 Resp: 2780
Ion Ratio Lower Upper
173 100
175 48.8 24.1 72.2
254 0.0 0.0 0.0

Manual Integrations
APPROVED

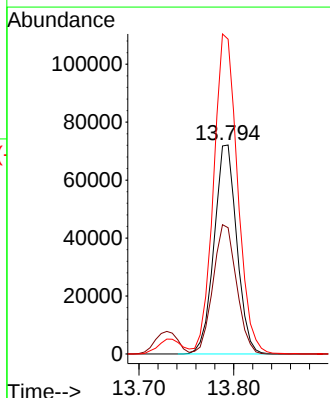
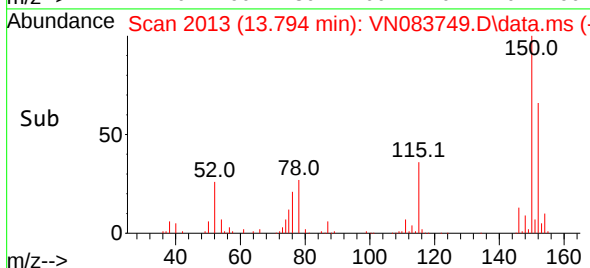
Reviewed By :John Carlone 09/11/2024
Supervised By :Semsettin Yesilyurt 09/11/2024

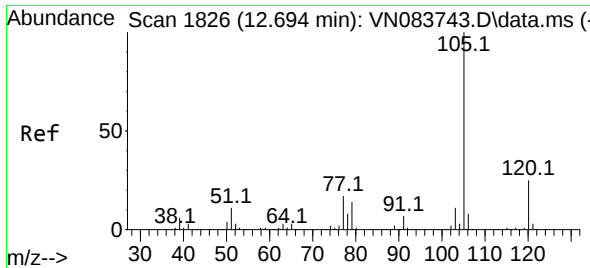


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.006 min
Lab File: VN083749.D
Acq: 10 Sep 2024 12:43



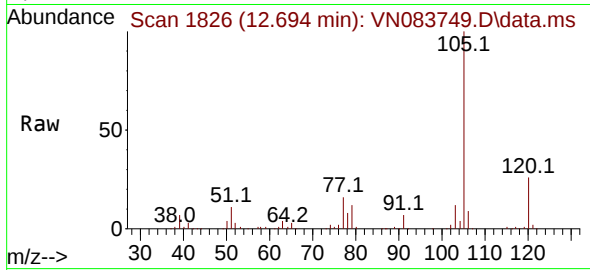
Tgt Ion:152 Resp: 120031
Ion Ratio Lower Upper
152 100
115 64.1 32.2 96.6
150 162.3 0.0 348.6





#73
Isopropylbenzene
Concen: 21.379 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN083749.D
Acq: 10 Sep 2024 12:43

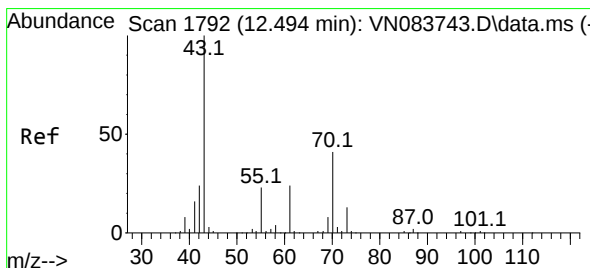
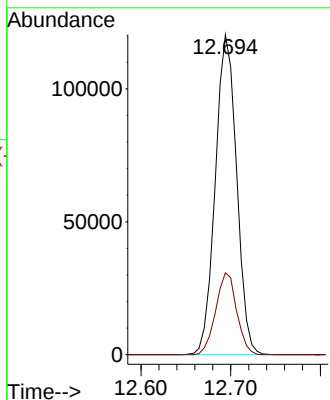
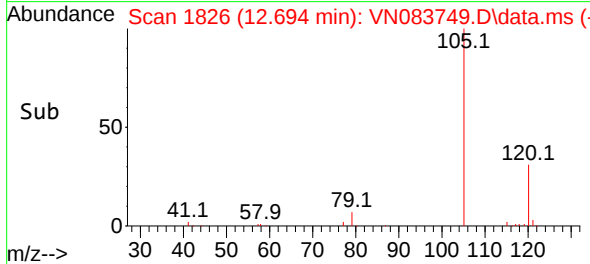
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



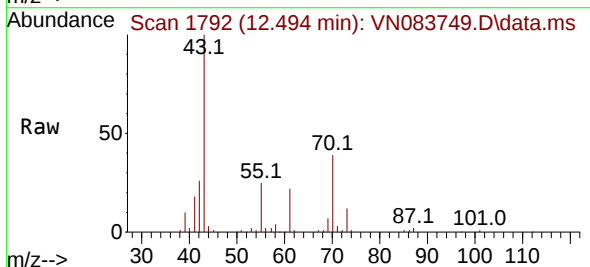
Tgt Ion:105 Resp: 198534
Ion Ratio Lower Upper
105 100
120 25.1 12.6 37.8

Manual Integrations
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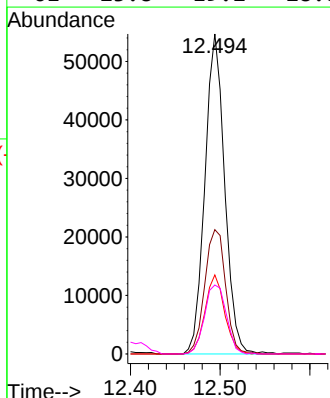
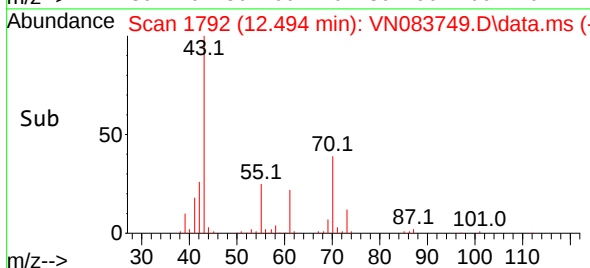
Reviewed By :John Carlone 09/11/2024
Supervised By :Semsettin Yesilyurt 09/11/2024

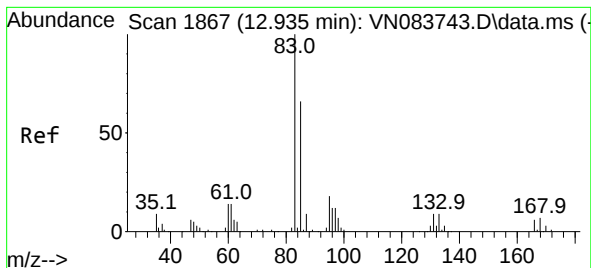


#74
N-ethyl acetate
Concen: 21.141 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN083749.D
Acq: 10 Sep 2024 12:43



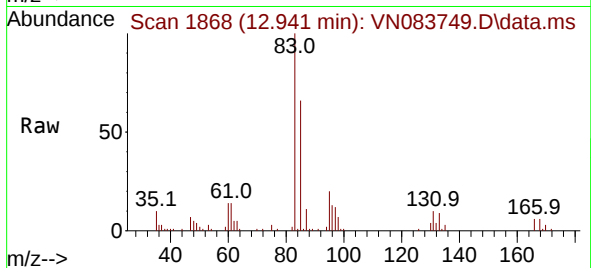
Tgt Ion: 43 Resp: 83761
Ion Ratio Lower Upper
43 100
70 41.0 34.5 51.7
55 24.5 18.6 28.0
61 23.8 19.2 28.8





#75
1,1,2,2-Tetrachloroethane
Concen: 20.500 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VN083749.D
Acq: 10 Sep 2024 12:43

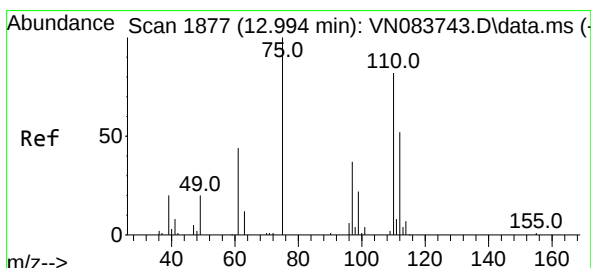
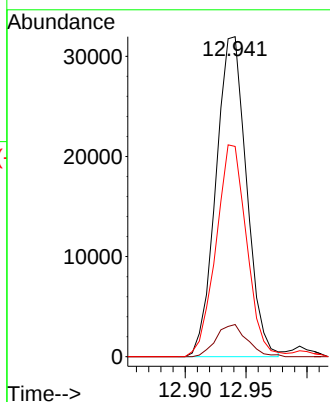
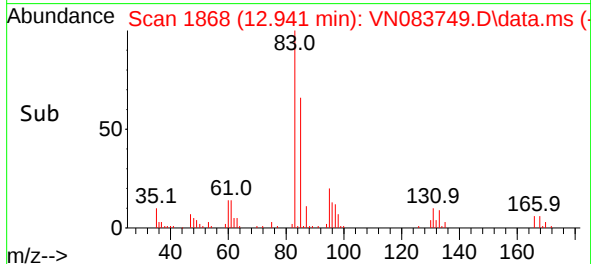
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion: 83 Resp: 55934
Ion Ratio Lower Upper
83 100
131 10.2 5.2 15.6
85 66.3 31.9 95.9

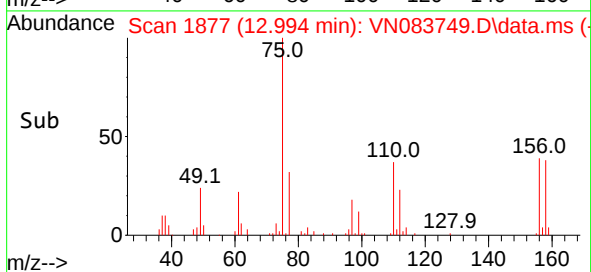
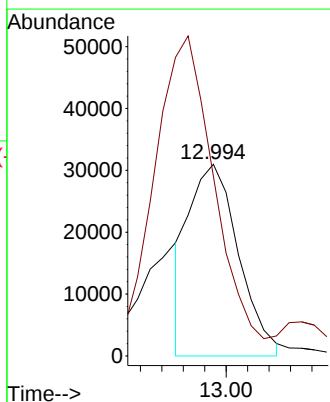
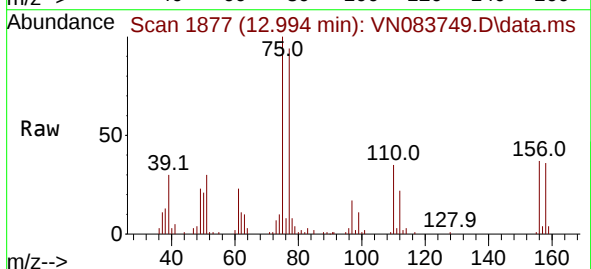
Manual Integrations
APPROVED

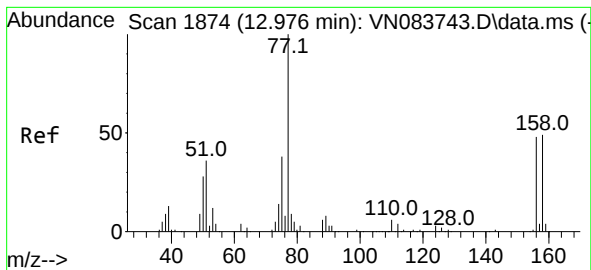
Reviewed By :John Carlone 09/11/2024
Supervised By :Semsettin Yesilyurt 09/11/2024



#76
1,2,3-Trichloropropane
Concen: 20.452 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VN083749.D
Acq: 10 Sep 2024 12:43

Tgt Ion: 75 Resp: 49535
Ion Ratio Lower Upper
75 100
77 205.7 95.2 285.6





#77

Bromobenzene

Concen: 19.984 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. 0.006 min

Lab File: VN083749.D

Acq: 10 Sep 2024 12:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

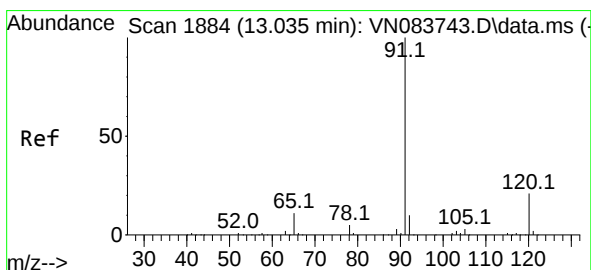
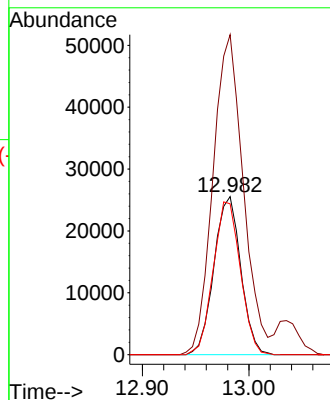
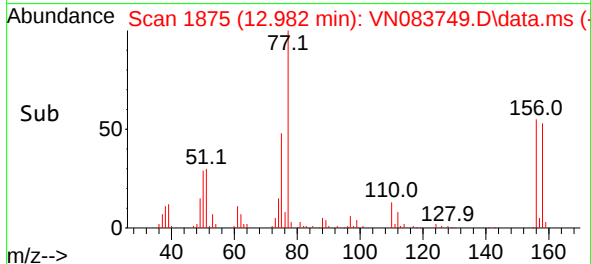
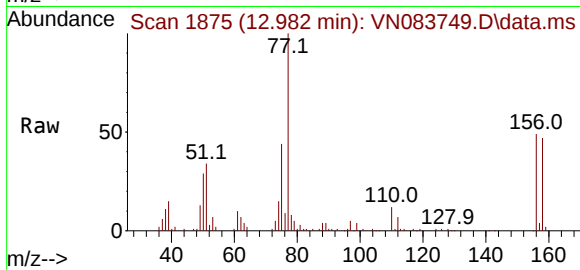
Tgt Ion:156 Resp: 44670
 Ion Ratio Lower Upper
 156 100
 77 228.1 114.3 343.1
 158 97.6 48.9 146.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/11/2024

Supervised By :Semsettin Yesilyurt 09/11/2024



#78

n-propylbenzene

Concen: 21.223 ug/l

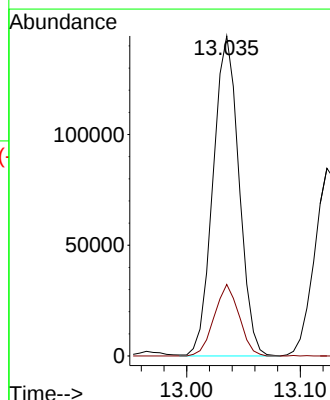
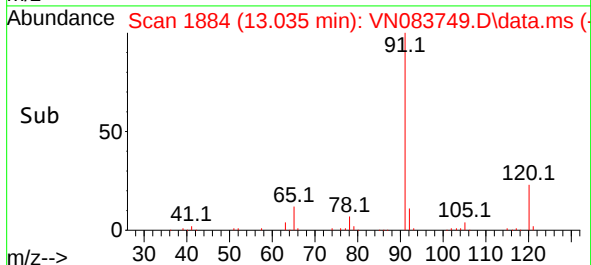
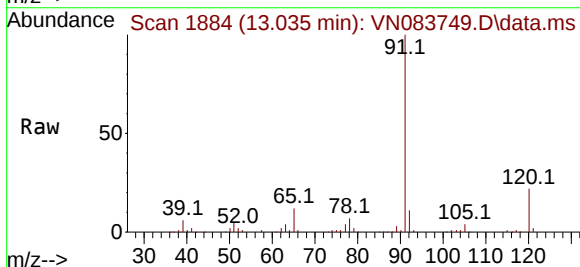
RT: 13.035 min Scan# 1884

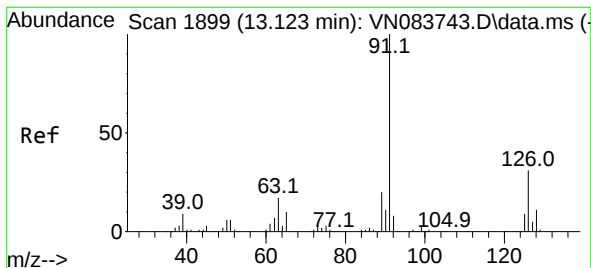
Delta R.T. 0.000 min

Lab File: VN083749.D

Acq: 10 Sep 2024 12:43

Tgt Ion: 91 Resp: 229309
 Ion Ratio Lower Upper
 91 100
 120 21.4 11.0 33.0





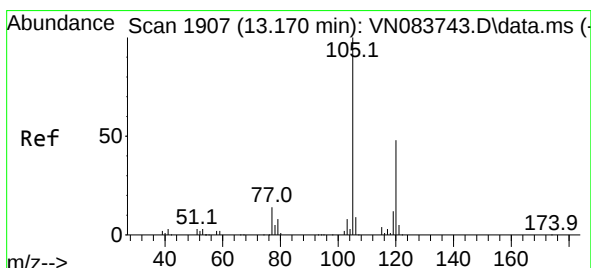
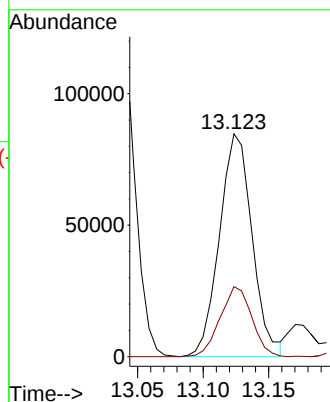
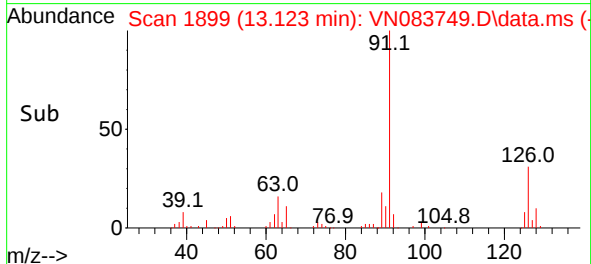
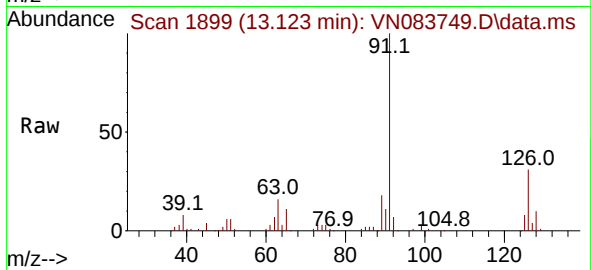
#79
2-Chlorotoluene
Concen: 21.370 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN083749.D
Acq: 10 Sep 2024 12:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion: 91 Resp: 14725
Ion Ratio Lower Upper
91 100
126 30.3 15.4 46.2

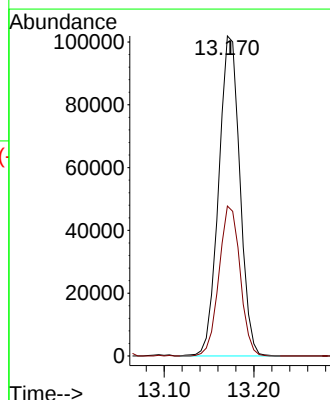
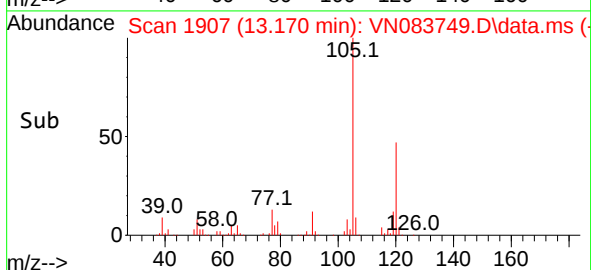
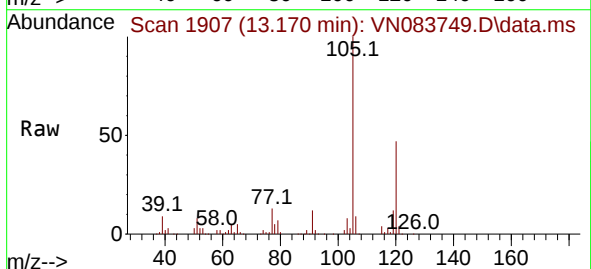
Manual Integrations
APPROVED

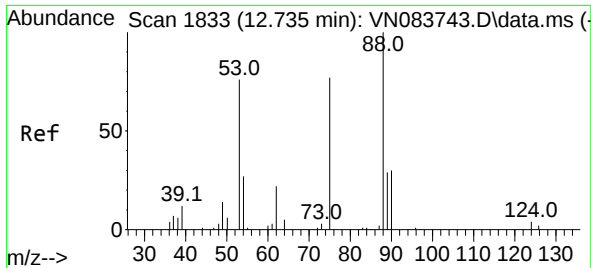
Reviewed By :John Carlone 09/11/2024
Supervised By :Semsettin Yesilyurt 09/11/2024



#80
1,3,5-Trimethylbenzene
Concen: 21.379 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VN083749.D
Acq: 10 Sep 2024 12:43

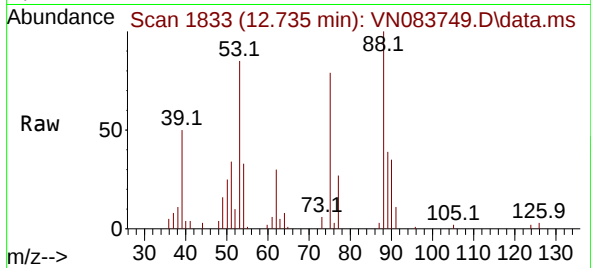
Tgt Ion:105 Resp: 167379
Ion Ratio Lower Upper
105 100
120 46.6 23.4 70.3





#81
trans-1,4-Dichloro-2-butene
Concen: 20.274 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN083749.D
Acq: 10 Sep 2024 12:43

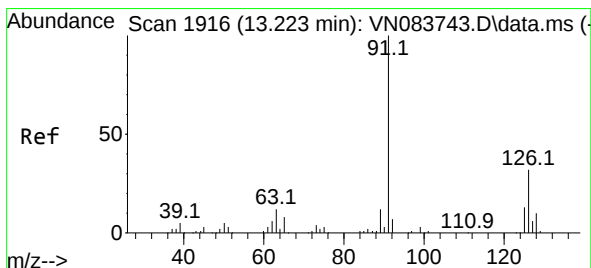
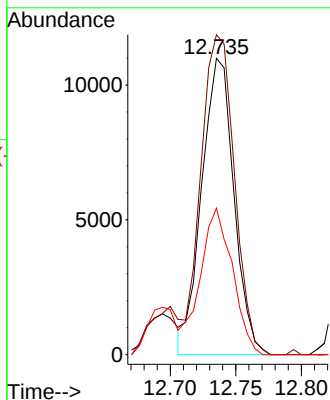
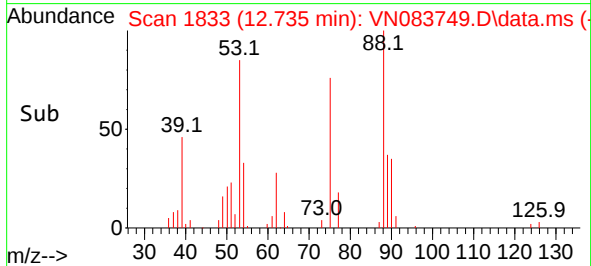
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



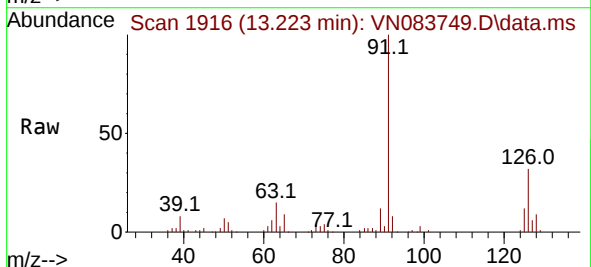
Tgt Ion: 75 Resp: 18748
Ion Ratio Lower Upper
75 100
53 127.4 81.2 121.8
89 49.9 35.7 53.5

Manual Integrations
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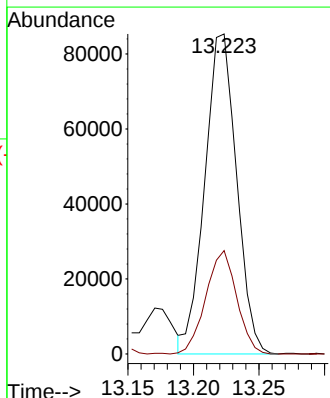
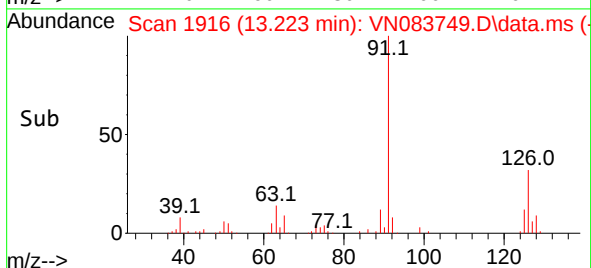
Reviewed By :John Carbone 09/11/2024
Supervised By :Semsettin Yesilyurt 09/11/2024



#82
4-Chlorotoluene
Concen: 20.818 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN083749.D
Acq: 10 Sep 2024 12:43



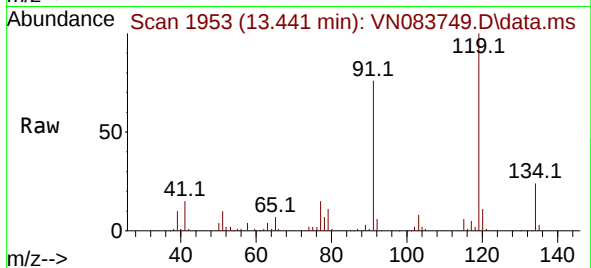
Tgt Ion: 91 Resp: 143958
Ion Ratio Lower Upper
91 100
126 31.3 15.4 46.2





#83
tert-Butylbenzene
Concen: 21.499 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.006 min
Lab File: VN083749.D
Acq: 10 Sep 2024 12:43

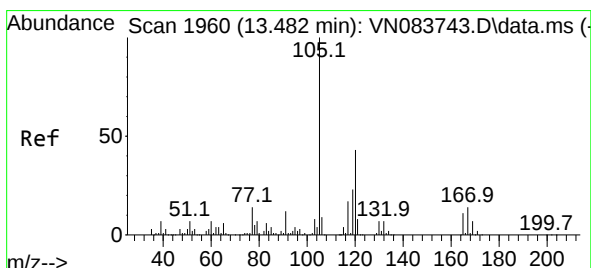
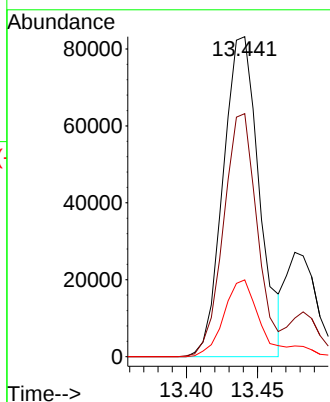
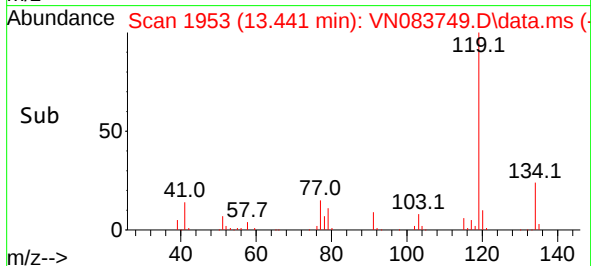
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



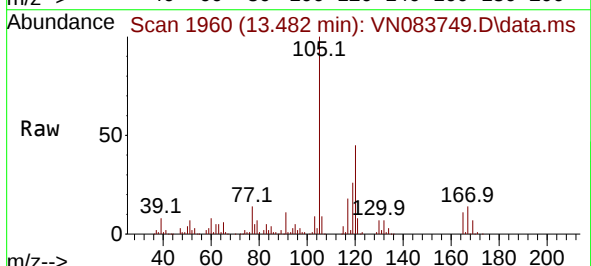
Tgt Ion:119 Resp: 14726
Ion Ratio Lower Upper
119 100
91 71.1 34.5 103.6
134 25.3 12.8 38.4

Manual Integrations
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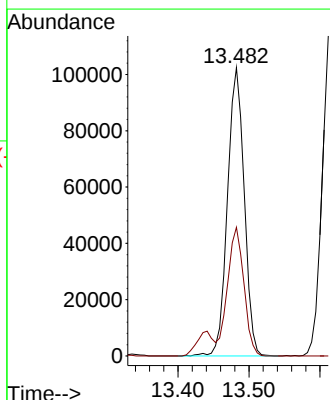
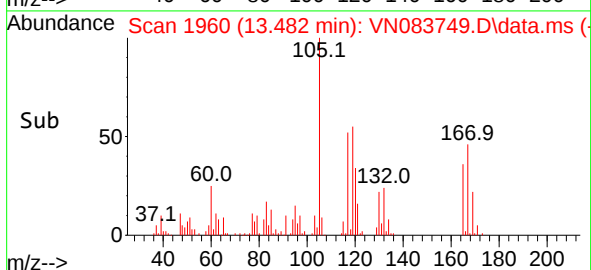
Reviewed By :John Carlone 09/11/2024
Supervised By :Semsettin Yesilyurt 09/11/2024

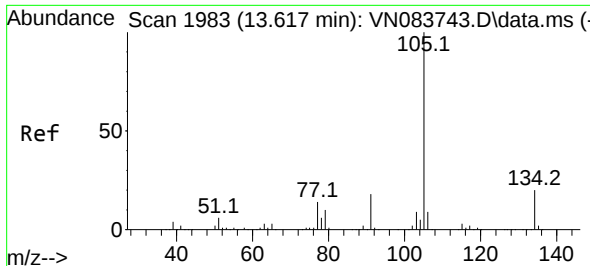


#84
1,2,4-Trimethylbenzene
Concen: 21.294 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN083749.D
Acq: 10 Sep 2024 12:43



Tgt Ion:105 Resp: 167470
Ion Ratio Lower Upper
105 100
120 43.8 21.8 65.4





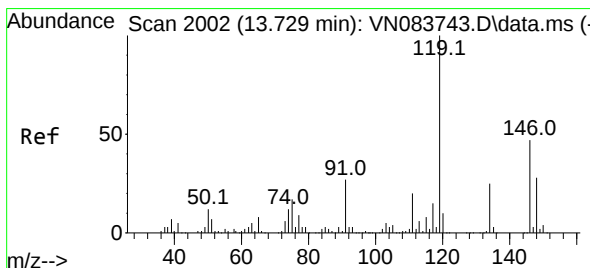
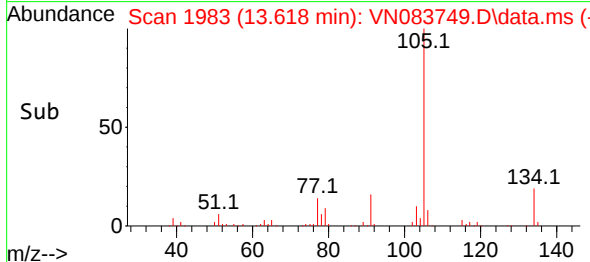
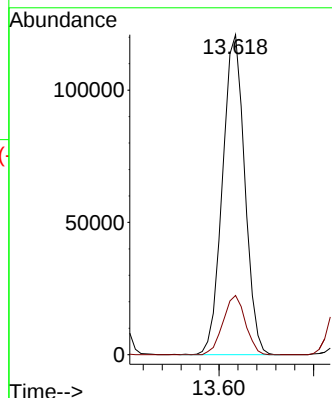
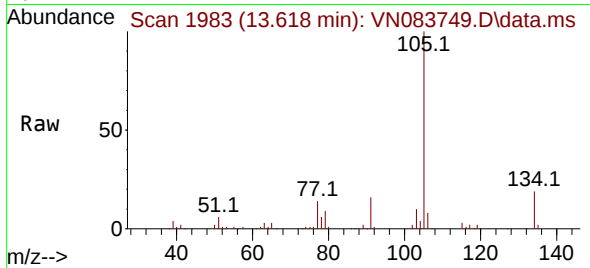
#85
 sec-Butylbenzene
 Concen: 21.699 ug/l
 RT: 13.618 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN083749.D
 Acq: 10 Sep 2024 12:43

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC020

Tgt Ion:105 Resp: 19711
 Ion Ratio Lower Upper
 105 100
 134 18.6 9.7 29.1

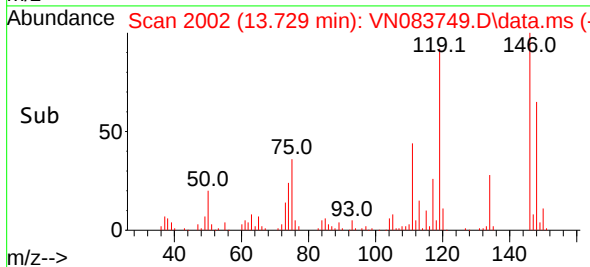
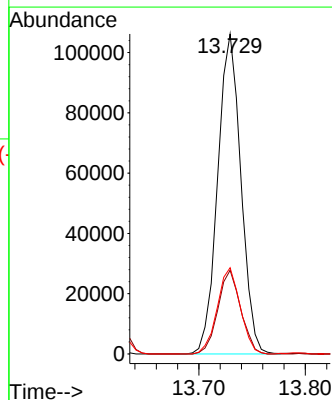
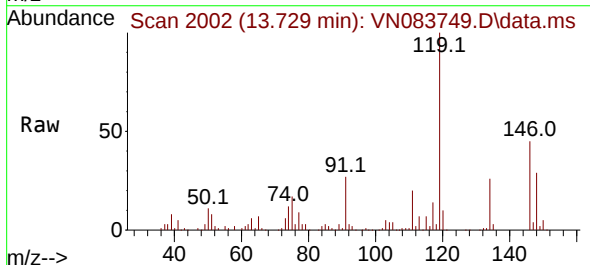
Manual Integrations
 APPROVED

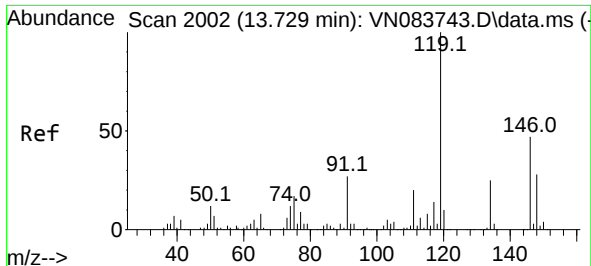
Reviewed By :John Carlone 09/11/2024
 Supervised By :Semsettin Yesilyurt 09/11/2024



#86
 p-Isopropyltoluene
 Concen: 21.110 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN083749.D
 Acq: 10 Sep 2024 12:43

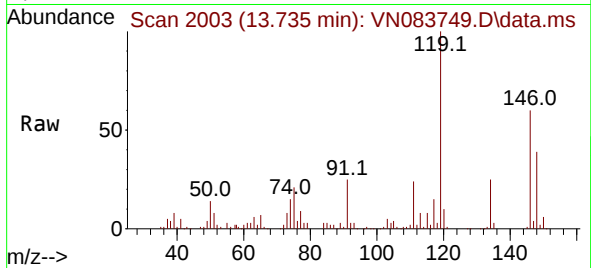
Tgt Ion:119 Resp: 160758
 Ion Ratio Lower Upper
 119 100
 134 25.6 12.8 38.3
 91 26.5 12.9 38.7





#87
1,3-Dichlorobenzene
Concen: 19.957 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.006 min
Lab File: VN083749.D
Acq: 10 Sep 2024 12:43

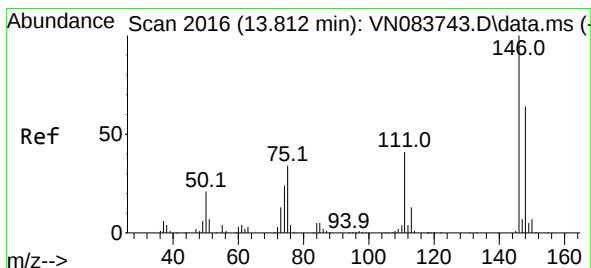
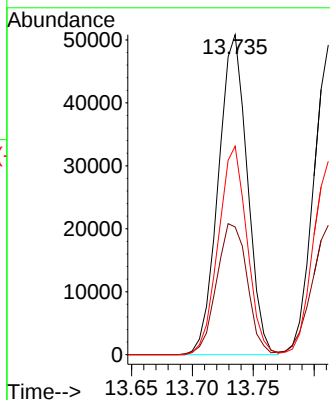
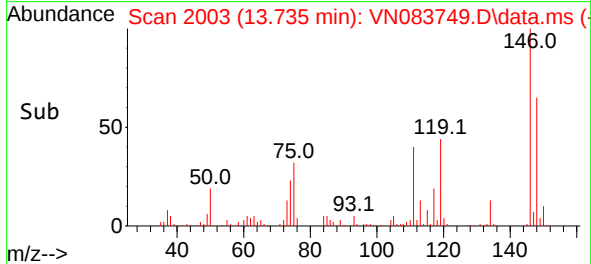
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



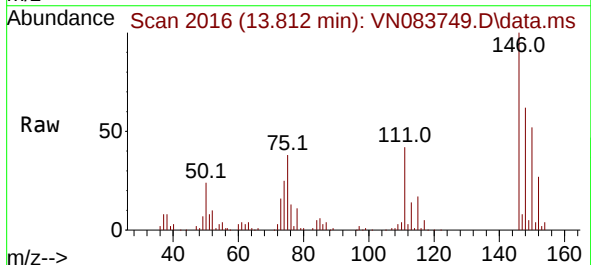
Tgt Ion:146 Resp: 84190
Ion Ratio Lower Upper
146 100
111 43.5 21.7 65.1
148 64.5 31.7 95.1

Manual Integrations
APPROVED

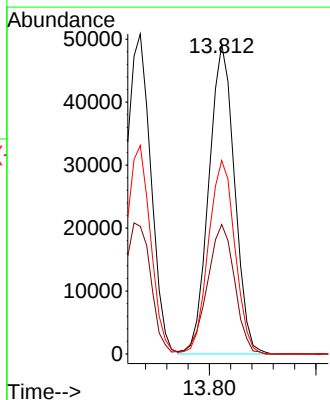
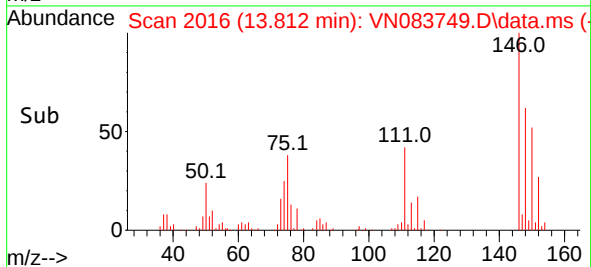
Reviewed By :John Carlone 09/11/2024
Supervised By :Semsettin Yesilyurt 09/11/2024

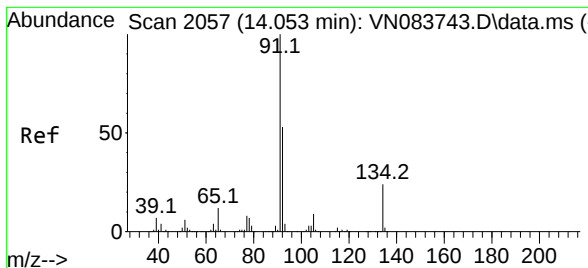


#88
1,4-Dichlorobenzene
Concen: 19.311 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. 0.000 min
Lab File: VN083749.D
Acq: 10 Sep 2024 12:43



Tgt Ion:146 Resp: 82492
Ion Ratio Lower Upper
146 100
111 44.3 21.3 64.0
148 64.3 32.0 96.2





#89

n-Butylbenzene

Concen: 20.506 ug/l

RT: 14.059 min Scan# 2057

Delta R.T. 0.006 min

Lab File: VN083749.D

Acq: 10 Sep 2024 12:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

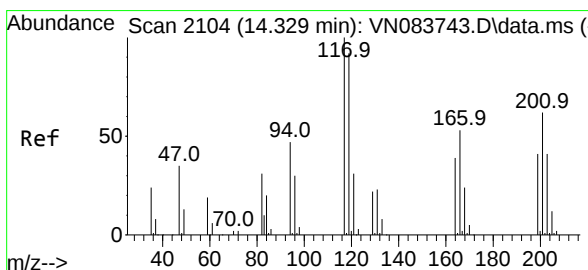
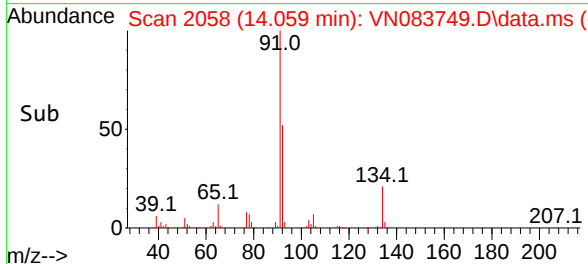
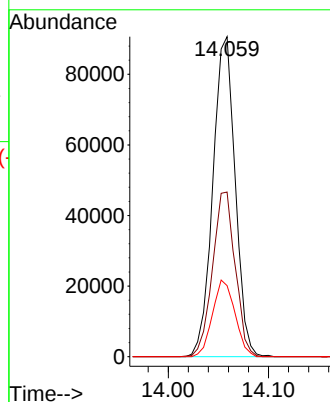
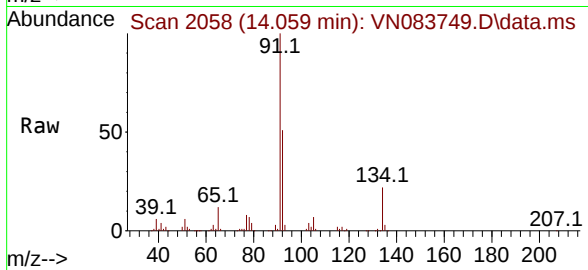
Tgt Ion:	91	Resp:	140204
Ion Ratio	Lower	Upper	
91	100		
92	52.4	26.7	80.1
134	24.1	12.2	36.4

Manual Integrations

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Reviewed By :John Carlone 09/11/2024

Supervised By :Semsettin Yesilyurt 09/11/2024



#90

Hexachloroethane

Concen: 20.629 ug/l

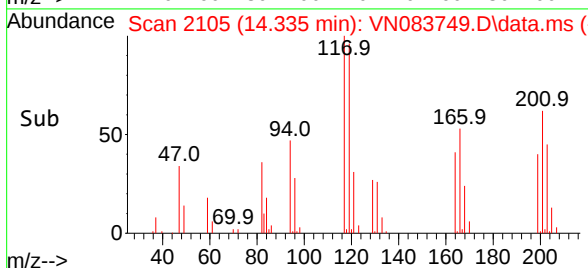
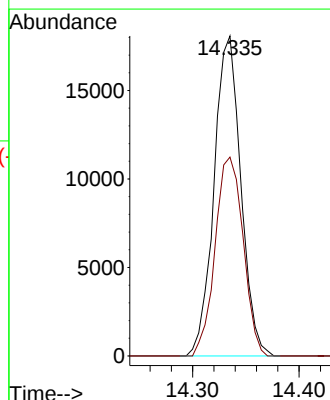
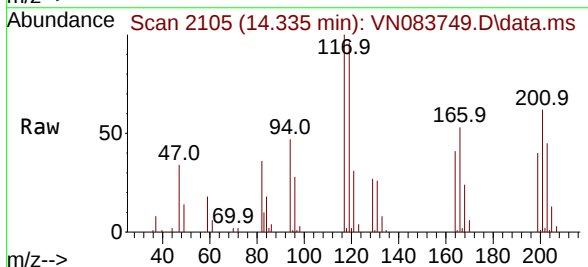
RT: 14.335 min Scan# 2105

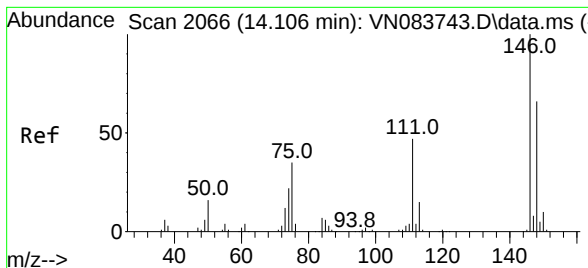
Delta R.T. 0.006 min

Lab File: VN083749.D

Acq: 10 Sep 2024 12:43

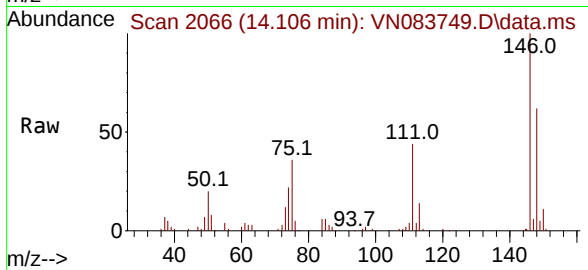
Tgt Ion:	117	Resp:	31578
Ion Ratio	Lower	Upper	
117	100		
201	65.0	32.8	98.3





#91
1,2-Dichlorobenzene
Concen: 20.523 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VN083749.D
Acq: 10 Sep 2024 12:43

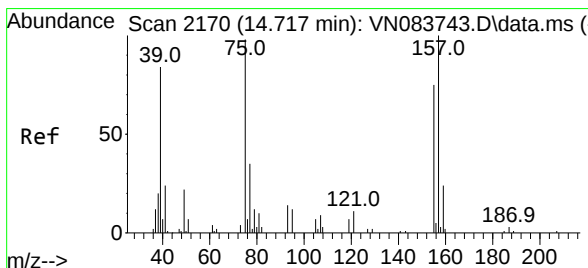
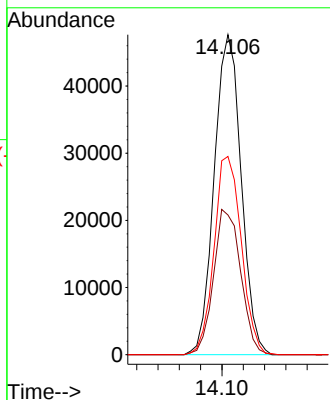
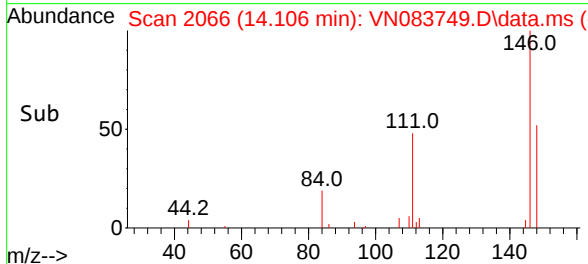
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



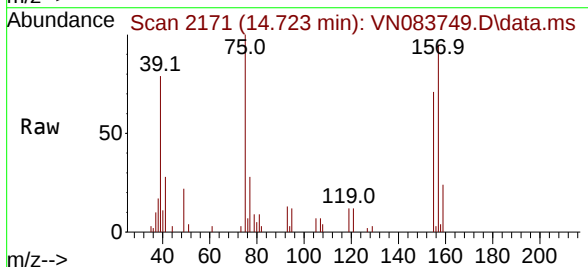
Tgt Ion:146 Resp: 8355
Ion Ratio Lower Upper
146 100
111 45.8 22.8 68.3
148 62.8 32.1 96.5

Manual Integrations
APPROVED

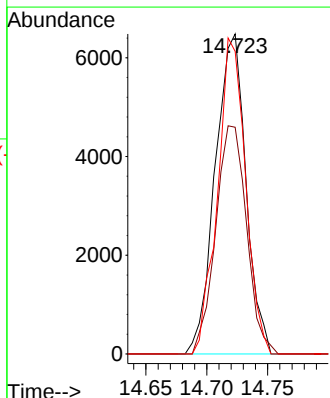
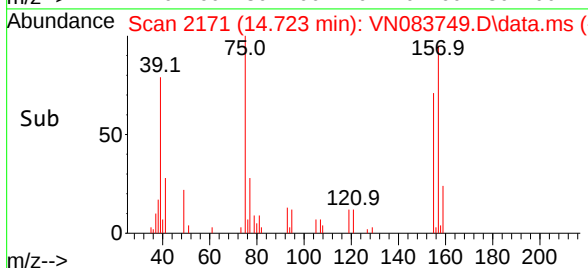
Reviewed By :John Carlone 09/11/2024
Supervised By :Semsettin Yesilyurt 09/11/2024

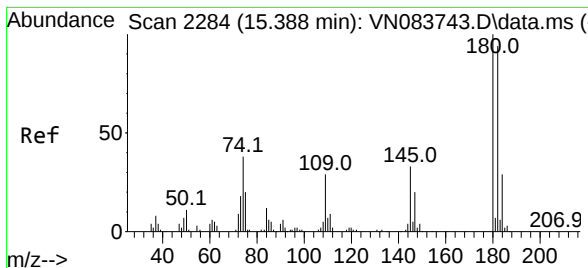


#92
1,2-Dibromo-3-Chloropropane
Concen: 20.893 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.006 min
Lab File: VN083749.D
Acq: 10 Sep 2024 12:43



Tgt Ion: 75 Resp: 11364
Ion Ratio Lower Upper
75 100
155 71.9 35.9 107.7
157 89.8 47.5 142.5





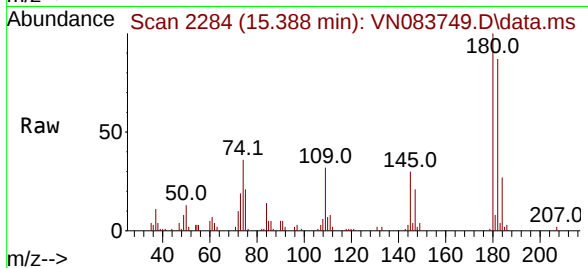
#93
1,2,4-Trichlorobenzene
Concen: 19.228 ug/l
RT: 15.388 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN083749.D
Acq: 10 Sep 2024 12:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020



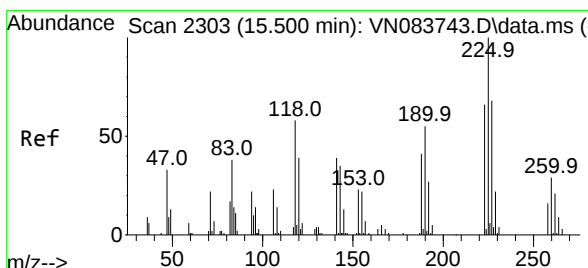
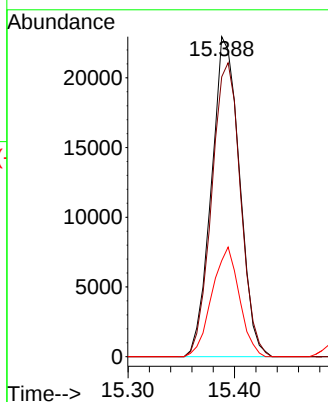
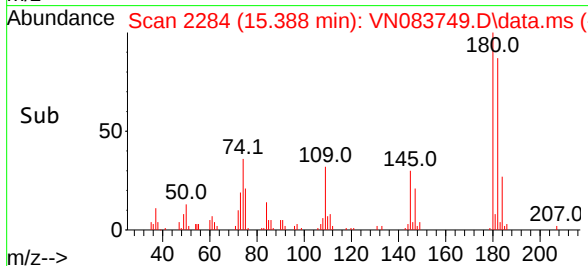
Tgt Ion:180 Resp: 42008
Ion Ratio Lower Upper
180 100
182 94.2 48.1 144.3
145 33.4 16.9 50.7

Manual Integrations

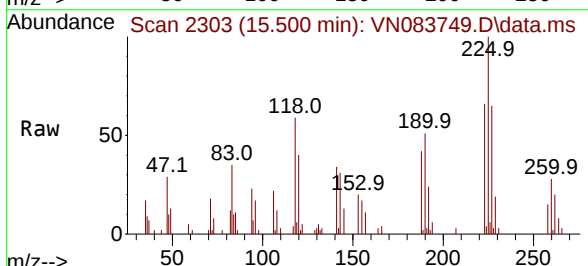
APPROVED

Reviewed By :John Carlone 09/11/2024

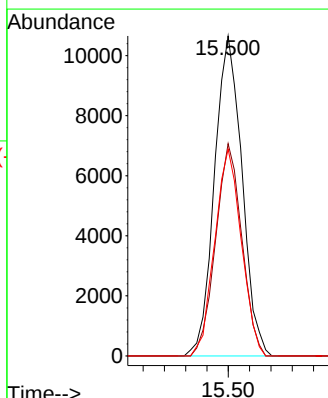
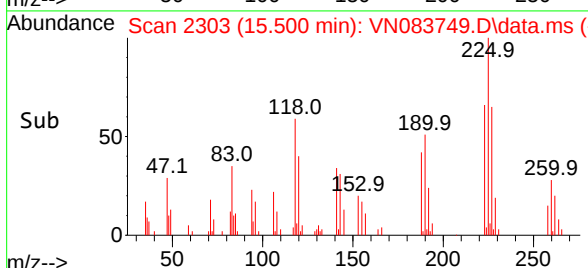
Supervised By :Semsettin Yesilyurt 09/11/2024

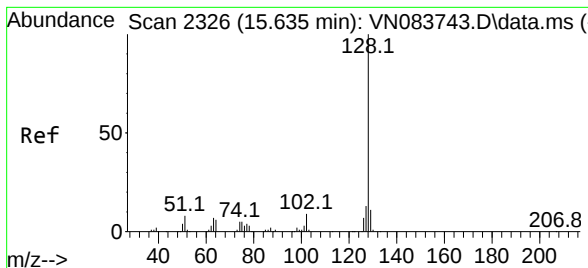


#94
Hexachlorobutadiene
Concen: 20.528 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. 0.000 min
Lab File: VN083749.D
Acq: 10 Sep 2024 12:43



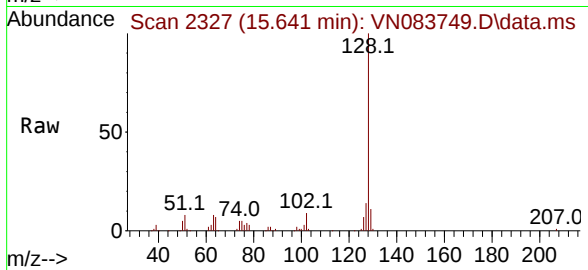
Tgt Ion:225 Resp: 19047
Ion Ratio Lower Upper
225 100
223 63.2 31.9 95.5
227 62.5 32.0 96.2





#95
Naphthalene
Concen: 19.401 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.006 min
Lab File: VN083749.D
Acq: 10 Sep 2024 12:43

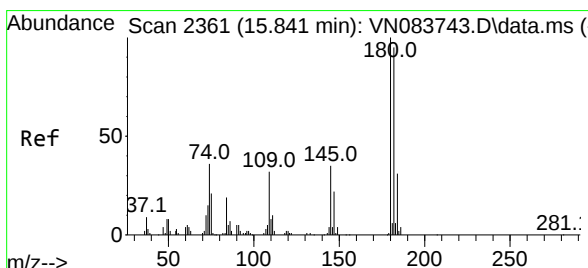
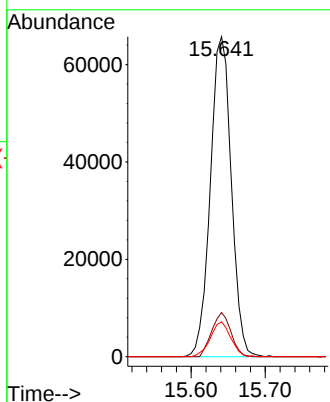
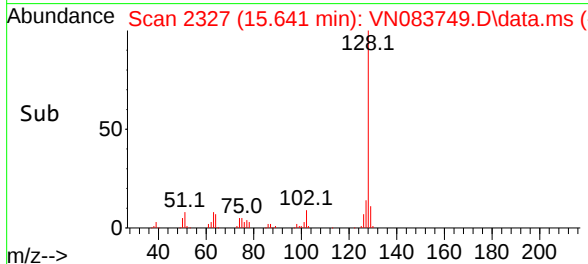
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



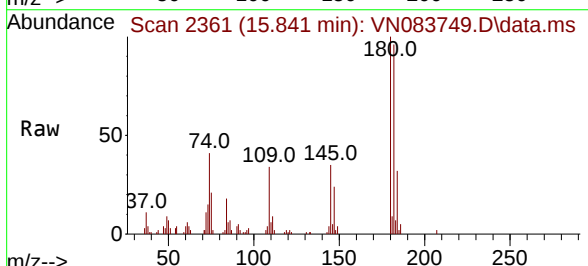
Tgt Ion:128 Resp: 128950
Ion Ratio Lower Upper
128 100
127 12.6 10.2 15.2
129 10.6 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carbone 09/11/2024
Supervised By :Semsettin Yesilyurt 09/11/2024



#96
1,2,3-Trichlorobenzene
Concen: 19.317 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. 0.000 min
Lab File: VN083749.D
Acq: 10 Sep 2024 12:43



Tgt Ion:180 Resp: 40335
Ion Ratio Lower Upper
180 100
182 95.7 47.1 141.4
145 34.7 17.8 53.5

