

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN083024\
 Data File : VN083612.D
 Acq On : 31 Aug 2024 12:08
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Sep 02 01:05:19 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N083024W.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 31 00:48:10 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.218	168	84635	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	185362	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	151711	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	64704	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	113192	95.694	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	191.380%#
35) Dibromofluoromethane	8.165	113	78285	70.170	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	140.340%#
50) Toluene-d8	10.565	98	193238	44.555	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	89.100%
62) 4-Bromofluorobenzene	12.847	95	74081	46.030	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	92.060%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	19185	21.418	ug/l	96
3) Chloromethane	2.359	50	79083	75.791	ug/l	94
4) Vinyl Chloride	2.518	62	63849	61.142	ug/l	97
5) Bromomethane	2.901	94	42776	77.921	ug/l	100
6) Chloroethane	3.071	64	53209	77.974	ug/l	97
7) Trichlorofluoromethane	3.471	101	60087	34.940	ug/l	96
8) Diethyl Ether	3.953	74	56043	91.161	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.359	101	18107	19.415	ug/l	97
10) Methyl Iodide	4.577	142	97201	77.048	ug/l	94
11) Tert butyl alcohol	5.542	59	77856	422.147	ug/l #	86
12) 1,1-Dichloroethene	4.330	96	46725	50.394	ug/l	94
13) Acrolein	4.171	56	65740	376.770	ug/l	95
14) Allyl chloride	5.018	41	110263	66.700	ug/l	97
15) Acrylonitrile	5.712	53	215327	473.425	ug/l	100
16) Acetone	4.430	43	189131	400.956	ug/l	100
17) Carbon Disulfide	4.700	76	116963	43.288	ug/l	99
18) Methyl Acetate	5.024	43	104978	83.684	ug/l	99
19) Methyl tert-butyl Ether	5.794	73	309434	94.085	ug/l	98
20) Methylene Chloride	5.271	84	85065	81.664	ug/l	93
21) trans-1,2-Dichloroethene	5.777	96	55245	57.201	ug/l	91
22) Diisopropyl ether	6.665	45	294826	90.447	ug/l	99
23) Vinyl Acetate	6.600	43	1114167	461.225	ug/l	98
24) 1,1-Dichloroethane	6.565	63	143253	77.064	ug/l	97
25) 2-Butanone	7.483	43	282434	439.767	ug/l	98
26) 2,2-Dichloropropane	7.488	77	55754	32.215	ug/l	90
27) cis-1,2-Dichloroethene	7.483	96	85656	74.323	ug/l	95
28) Bromochloromethane	7.812	49	65796	75.797	ug/l	97
29) Tetrahydrofuran	7.835	42	185880	466.610	ug/l	99
30) Chloroform	7.965	83	151022	77.113	ug/l	98
31) Cyclohexane	8.253	56	29606	16.181	ug/l	92
32) 1,1,1-Trichloroethane	8.165	97	97602	55.113	ug/l	99
36) 1,1-Dichloropropene	8.371	75	49241	28.936	ug/l	98
37) Ethyl Acetate	7.559	43	122692	72.445	ug/l	98
38) Carbon Tetrachloride	8.359	117	59852	30.826	ug/l	99
39) Methylcyclohexane	9.600	83	20652	10.114	ug/l	98
40) Benzene	8.600	78	275981	52.720	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	70782	73.239	ug/l	99
42) 1,2-Dichloroethane	8.671	62	135252	69.701	ug/l	100
43) Isopropyl Acetate	8.688	43	214739	63.504	ug/l	98
44) Trichloroethene	9.353	130	46884	37.231	ug/l	98
45) 1,2-Dichloropropane	9.618	63	75759	62.125	ug/l	99
46) Dibromomethane	9.706	93	61924	68.831	ug/l	99
47) Bromodichloromethane	9.888	83	120845	63.102	ug/l	99
48) Methyl methacrylate	9.682	41	101120	72.796	ug/l	98
49) 1,4-Dioxane	9.694	88	33615	1476.837	ug/l #	99
51) 4-Methyl-2-Pentanone	10.447	43	592776	376.482	ug/l	99
52) Toluene	10.629	92	130035	39.718	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	107331	54.138	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	110890	53.288	ug/l	99
55) 1,1,2-Trichloroethane	11.018	97	77760	66.544	ug/l	98
56) Ethyl methacrylate	10.876	69	136892	70.813	ug/l	98
57) 1,3-Dichloropropane	11.165	76	138220	66.812	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	298647	355.539	ug/l	98
59) 2-Hexanone	11.194	43	431343	365.040	ug/l	98
60) Dibromochloromethane	11.359	129	87610	64.704	ug/l	98
61) 1,2-Dibromoethane	11.471	107	78730	65.946	ug/l	99
64) Tetrachloroethene	11.100	164	25371	25.442	ug/l	95
65) Chlorobenzene	11.888	112	132785	39.028	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.959	131	63716	55.467	ug/l	98
67) Ethyl Benzene	11.965	91	171749	28.280	ug/l	98
68) m/p-Xylenes	12.070	106	123867	54.140	ug/l	100
69) o-Xylene	12.400	106	74386	33.639	ug/l	98
70) Styrene	12.412	104	136294	36.657	ug/l	100
71) Bromoform	12.576	173	54575	66.701	ug/l #	99
73) Isopropylbenzene	12.694	105	122004	23.297	ug/l	99
74) N-amyl acetate	12.494	43	166817	73.388	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.935	83	110929	74.612	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	132196	101.194	ug/l	40
77) Bromobenzene	12.976	156	51968	42.297	ug/l	87
78) n-propylbenzene	13.035	91	117302	19.373	ug/l	99
79) 2-Chlorotoluene	13.123	91	112745	28.735	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	107496	24.366	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	30917	55.819	ug/l	94
82) 4-Chlorotoluene	13.217	91	106611	26.747	ug/l	98
83) tert-Butylbenzene	13.435	119	77257	19.697	ug/l	96
84) 1,2,4-Trimethylbenzene	13.482	105	116318	26.194	ug/l	100
85) sec-Butylbenzene	13.617	105	86097	16.515	ug/l	98
86) p-Isopropyltoluene	13.729	119	74148	17.028	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	68570	28.750	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	68952	28.136	ug/l	98
89) n-Butylbenzene	14.053	91	52160	13.618	ug/l	98
90) Hexachloroethane	14.329	117	17090	20.163	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	84081	36.607	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	22690	70.369	ug/l	97
93) 1,2,4-Trichlorobenzene	15.388	180	31479	24.169	ug/l	99
94) Hexachlorobutadiene	15.500	225	6387	12.245	ug/l	98
95) Naphthalene	15.641	128	188444	45.031	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	36340	27.930	ug/l	98

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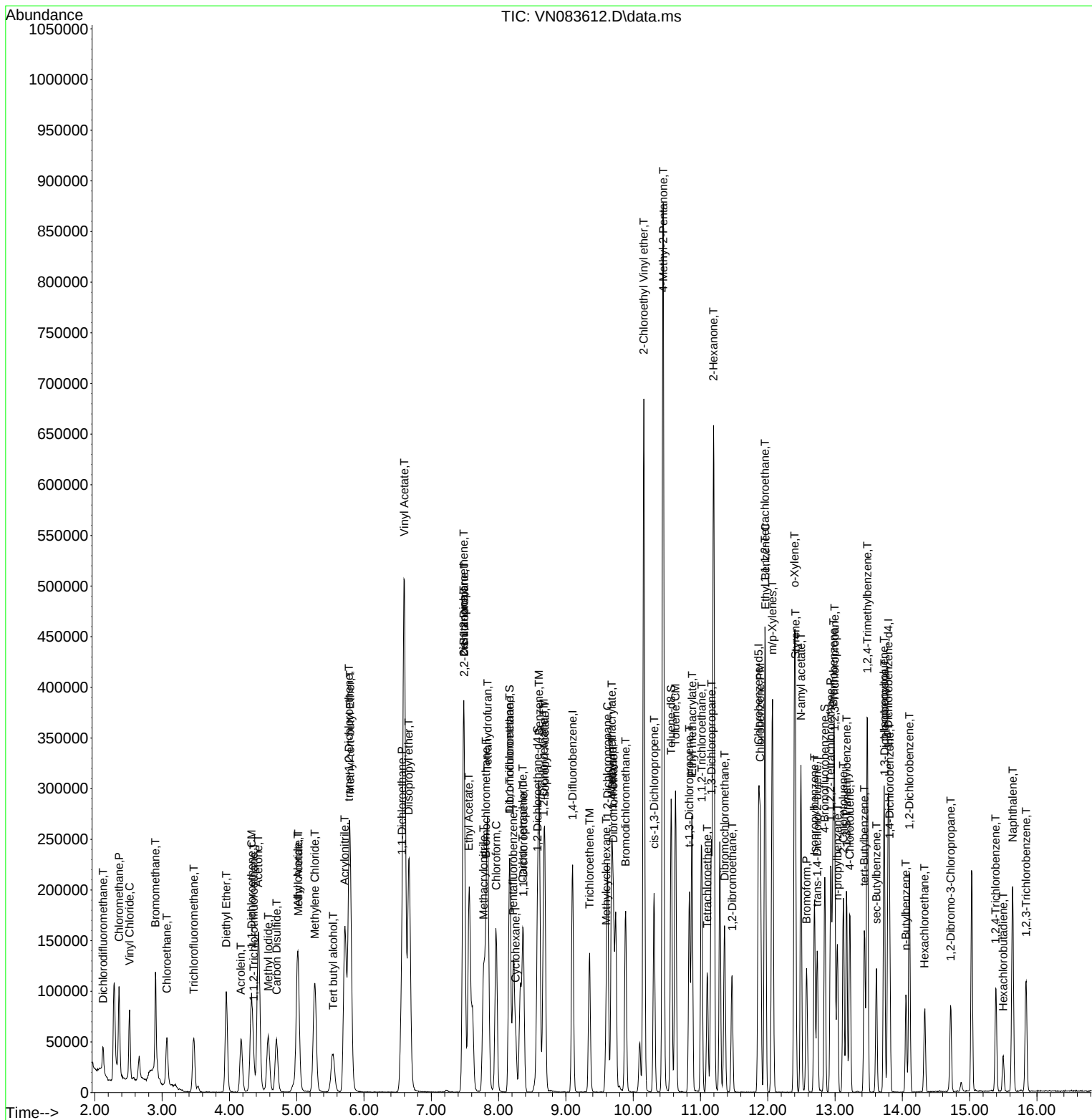
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MSVOA_N
ClientSampleId :

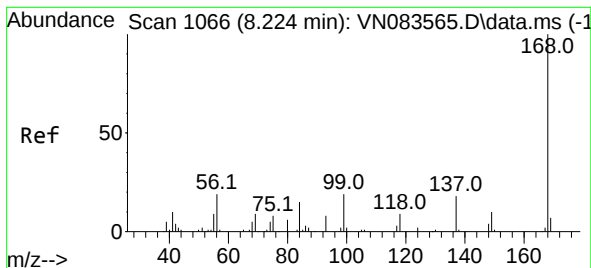
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QLast Update : Sat Aug 31 00:48:10 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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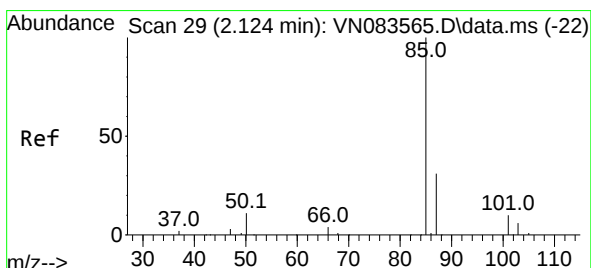
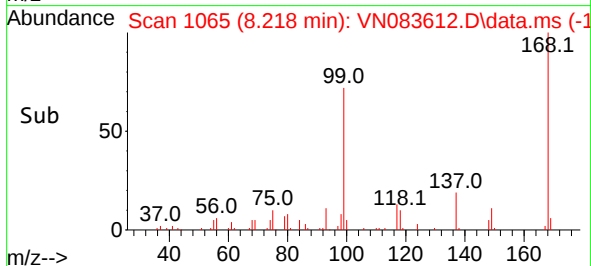
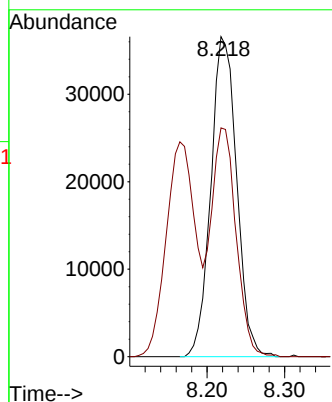
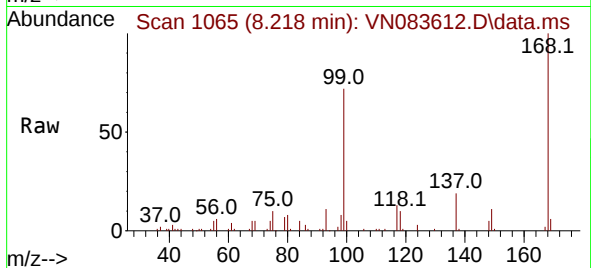




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 10
Delta R.T. -0.006 min
Lab File: VN083612.D
Acq: 31 Aug 2024 12:08

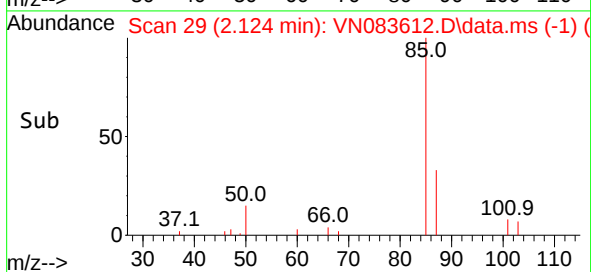
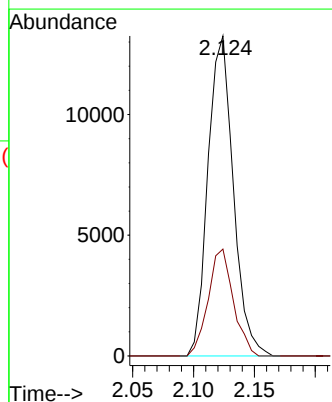
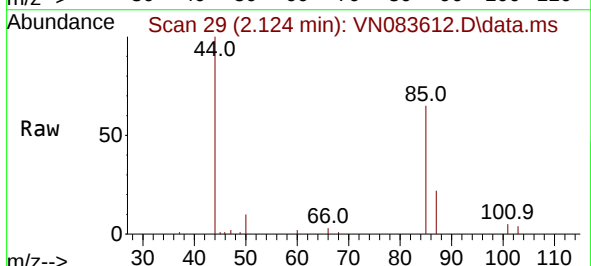
Instrument :
MSVOA_N
ClientSampleId :

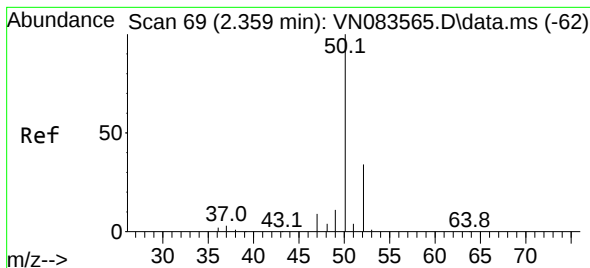
Tgt Ion:168 Resp: 84635
Ion Ratio Lower Upper
168 100
99 71.5 54.2 81.2



#2
Dichlorodifluoromethane
Concen: 21.418 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN083612.D
Acq: 31 Aug 2024 12:08

Tgt Ion: 85 Resp: 19185
Ion Ratio Lower Upper
85 100
87 33.4 15.7 47.0





#3

Chloromethane

Concen: 75.791 ug/l

RT: 2.359 min Scan# 69

Delta R.T. 0.000 min

Lab File: VN083612.D

Acq: 31 Aug 2024 12:08

Instrument :

MSVOA_N

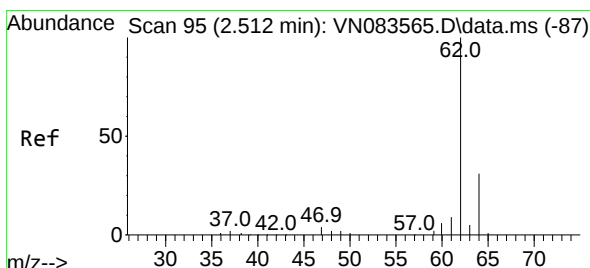
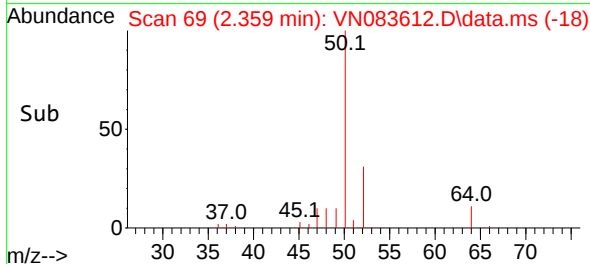
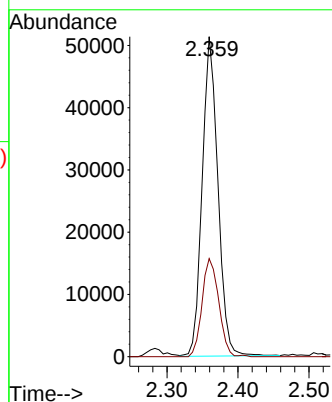
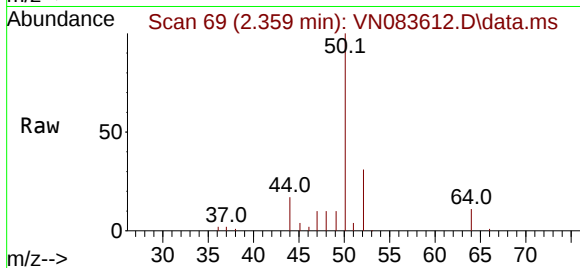
ClientSampleId :

Tgt Ion: 50 Resp: 79083

Ion Ratio Lower Upper

50 100

52 30.7 27.2 40.8



#4

Vinyl Chloride

Concen: 61.142 ug/l

RT: 2.518 min Scan# 96

Delta R.T. 0.006 min

Lab File: VN083612.D

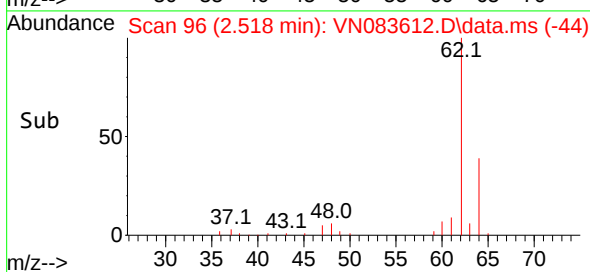
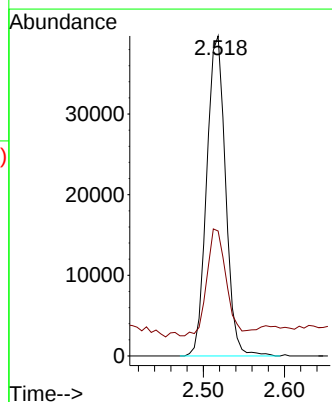
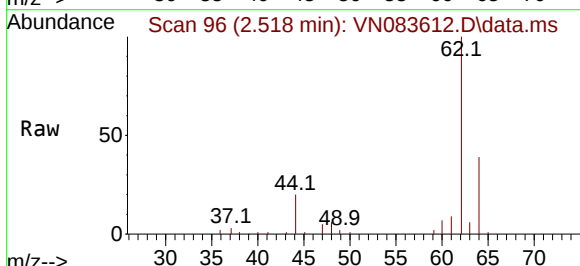
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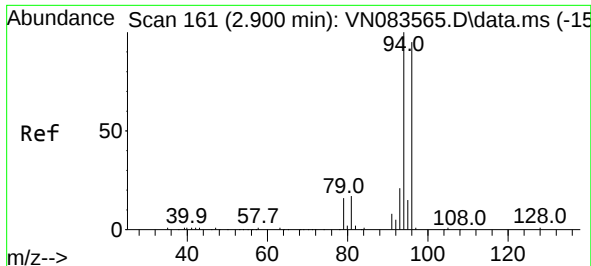
Tgt Ion: 62 Resp: 63849

Ion Ratio Lower Upper

62 100

64 32.7 24.7 37.1

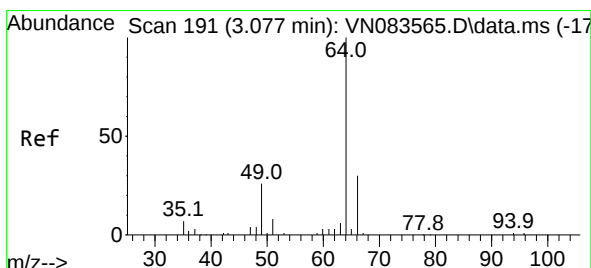
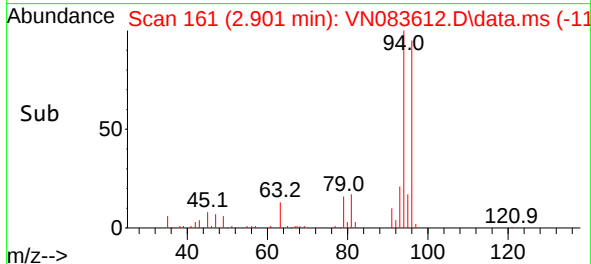
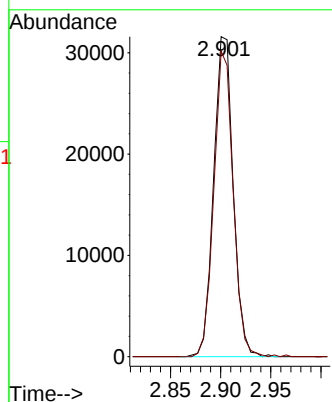
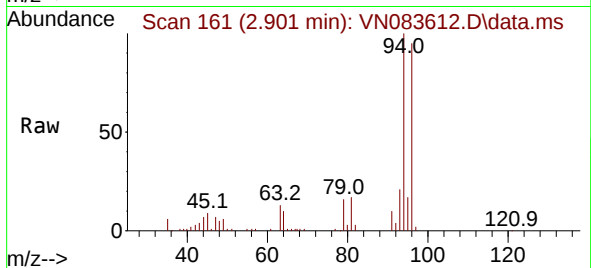




#5
Bromomethane
Concen: 77.921 ug/l
RT: 2.901 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN083612.D
Acq: 31 Aug 2024 12:08

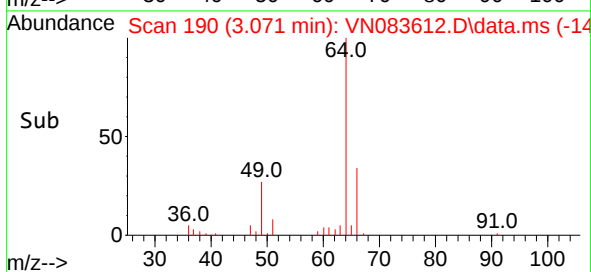
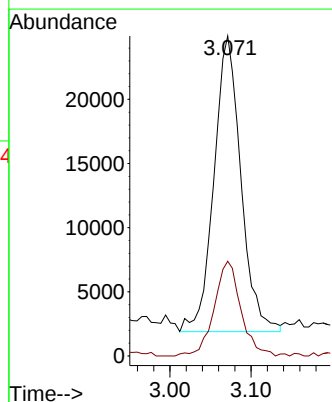
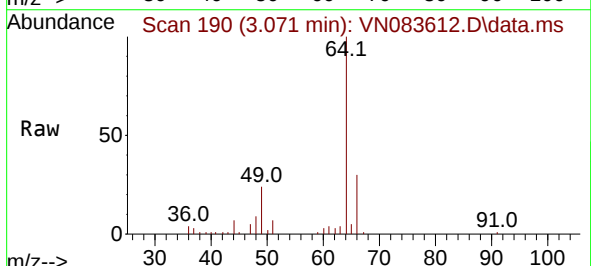
Instrument :
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ClientSampleId :

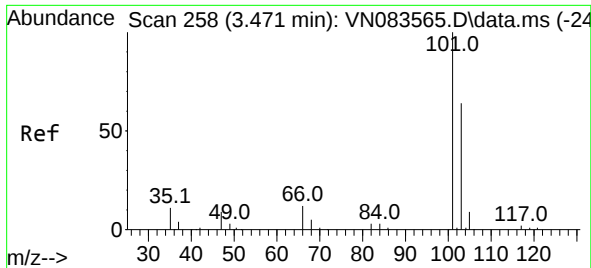
Tgt Ion: 94 Resp: 42776
Ion Ratio Lower Upper
94 100
96 95.4 76.0 114.0



#6
Chloroethane
Concen: 77.974 ug/l
RT: 3.071 min Scan# 190
Delta R.T. -0.006 min
Lab File: VN083612.D
Acq: 31 Aug 2024 12:08

Tgt Ion: 64 Resp: 53209
Ion Ratio Lower Upper
64 100
66 31.4 23.9 35.9

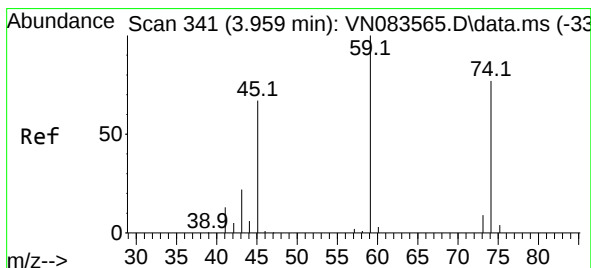
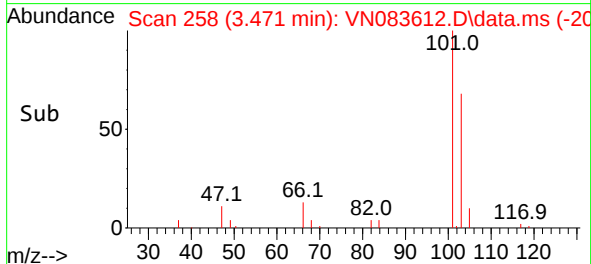
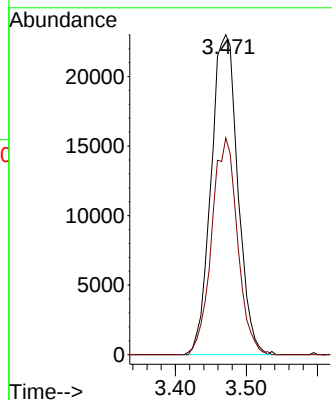
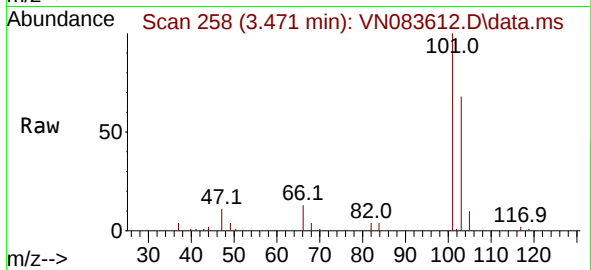




#7
 Trichlorofluoromethane
 Concen: 34.940 ug/l
 RT: 3.471 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VN083612.D
 Acq: 31 Aug 2024 12:08

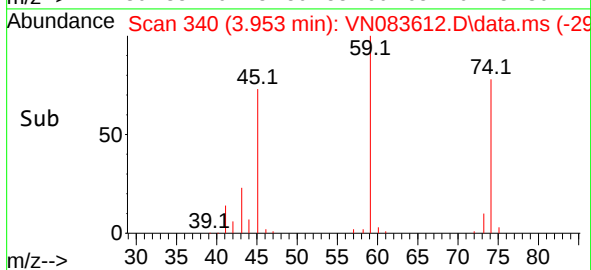
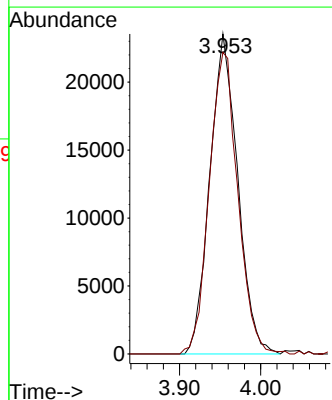
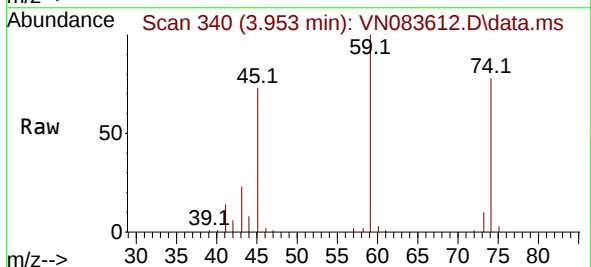
Instrument :
 MSVOA_N
 ClientSampleId :

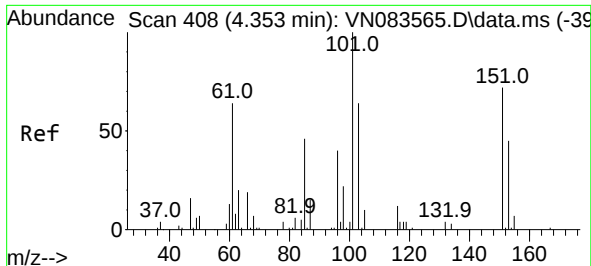
Tgt Ion:101 Resp: 60087
 Ion Ratio Lower Upper
 101 100
 103 67.7 51.4 77.0



#8
 Diethyl Ether
 Concen: 91.161 ug/l
 RT: 3.953 min Scan# 340
 Delta R.T. -0.006 min
 Lab File: VN083612.D
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Tgt Ion: 74 Resp: 56043
 Ion Ratio Lower Upper
 74 100
 45 96.8 46.7 140.1

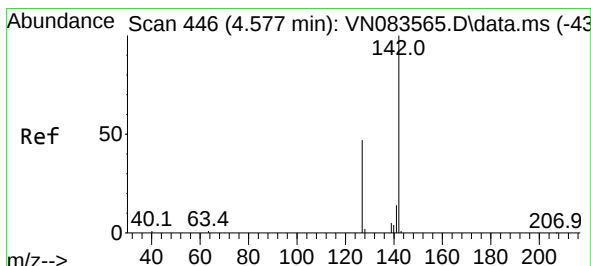
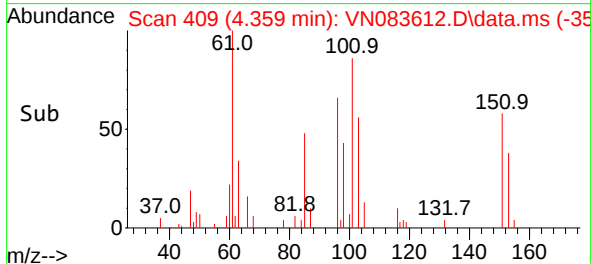
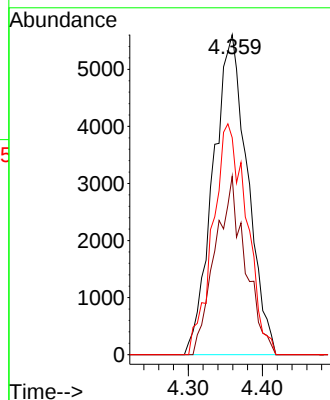
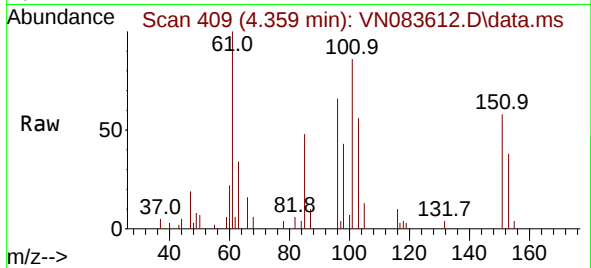




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.415 ug/l
RT: 4.359 min Scan# 409
Delta R.T. 0.006 min
Lab File: VN083612.D
Acq: 31 Aug 2024 12:08

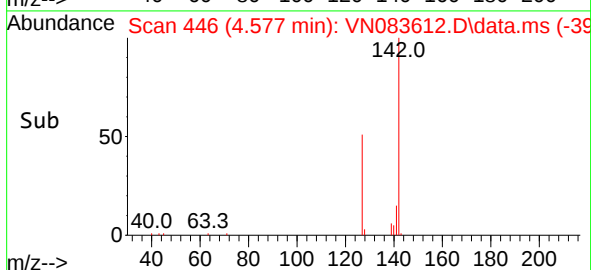
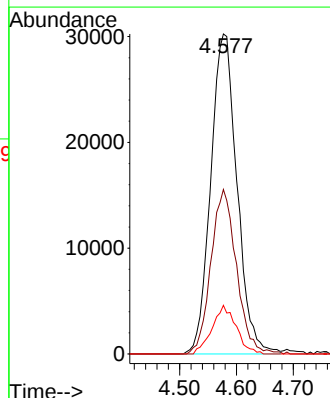
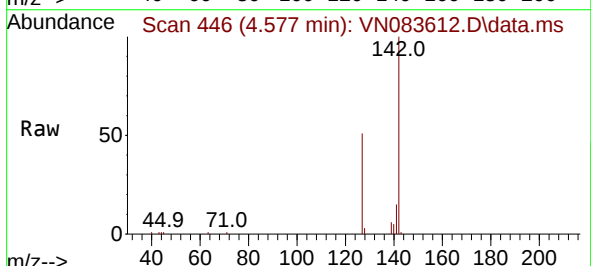
Instrument :
MSVOA_N
ClientSampleId :

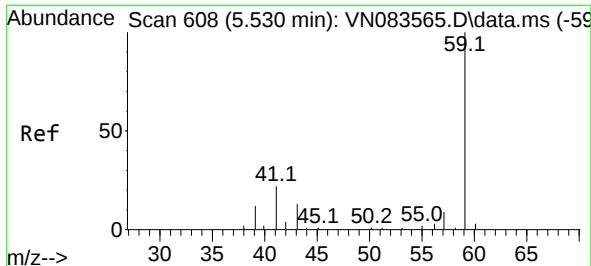
Tgt Ion:101 Resp: 18107
Ion Ratio Lower Upper
101 100
85 49.1 36.2 54.4
151 71.1 57.7 86.5



#10
Methyl Iodide
Concen: 77.048 ug/l
RT: 4.577 min Scan# 446
Delta R.T. 0.000 min
Lab File: VN083612.D
Acq: 31 Aug 2024 12:08

Tgt Ion:142 Resp: 97201
Ion Ratio Lower Upper
142 100
127 51.4 37.5 56.3
141 15.2 11.0 16.4

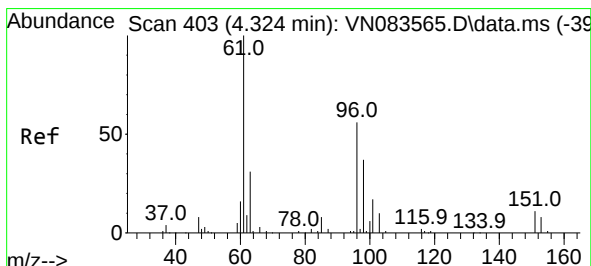
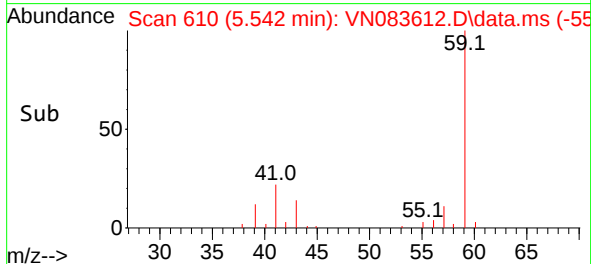
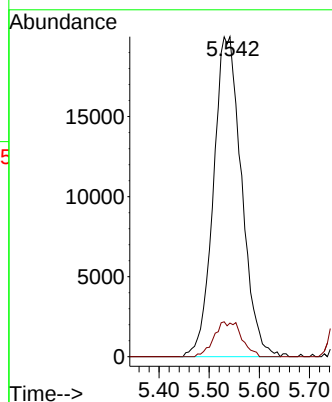
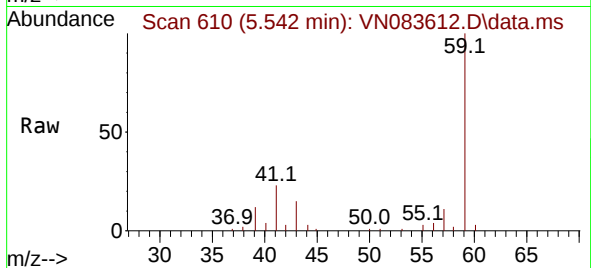




#11
Tert butyl alcohol
Concen: 422.147 ug/l
RT: 5.542 min Scan# 61
Delta R.T. 0.012 min
Lab File: VN083612.D
Acq: 31 Aug 2024 12:08

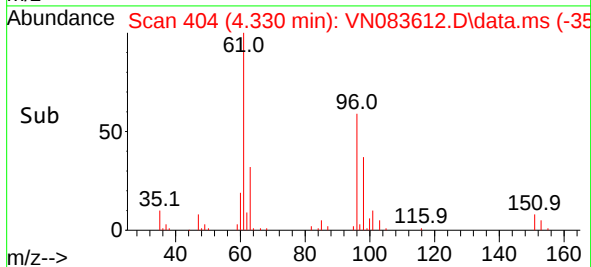
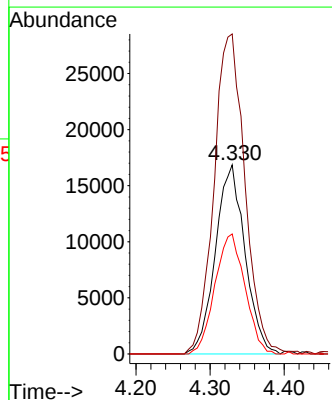
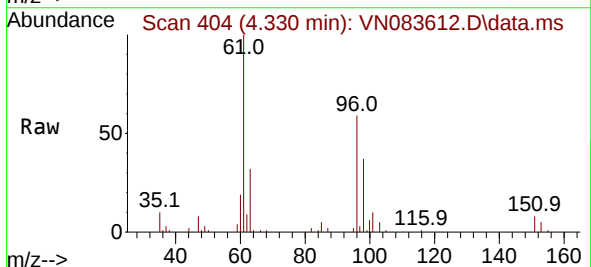
Instrument :
MSVOA_N
ClientSampleId :

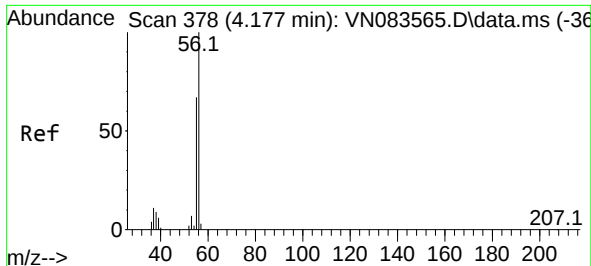
Tgt Ion: 59 Resp: 77856
Ion Ratio Lower Upper
59 100
57 5.5 8.7 13.1#



#12
1,1-Dichloroethene
Concen: 50.394 ug/l
RT: 4.330 min Scan# 404
Delta R.T. 0.006 min
Lab File: VN083612.D
Acq: 31 Aug 2024 12:08

Tgt Ion: 96 Resp: 46725
Ion Ratio Lower Upper
96 100
61 169.2 143.4 215.0
98 63.4 52.7 79.1





#13

Acrolein

Concen: 376.770 ug/l

RT: 4.171 min Scan# 31

Delta R.T. -0.006 min

Lab File: VN083612.D

Acq: 31 Aug 2024 12:08

Instrument :

MSVOA_N

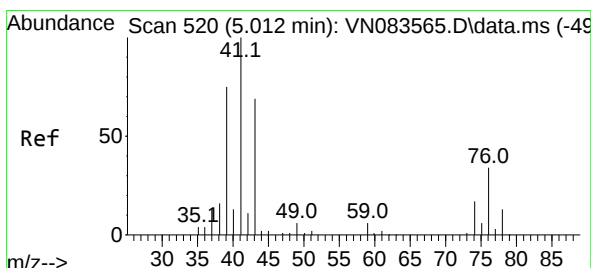
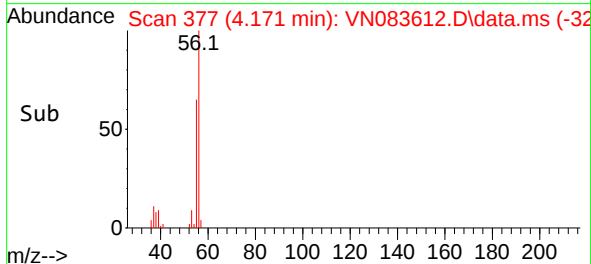
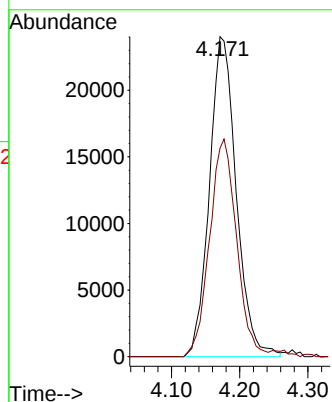
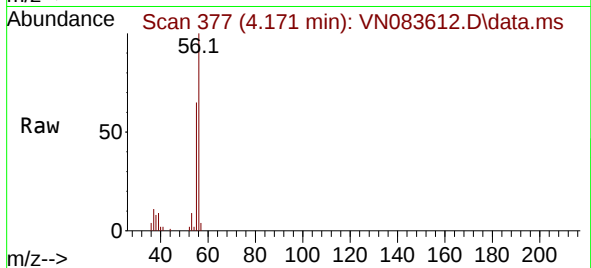
ClientSampleId :

Tgt Ion: 56 Resp: 65740

Ion Ratio Lower Upper

56 100

55 68.4 58.2 87.2



#14

Allyl chloride

Concen: 66.700 ug/l

RT: 5.018 min Scan# 521

Delta R.T. 0.006 min

Lab File: VN083612.D

Acq: 31 Aug 2024 12:08

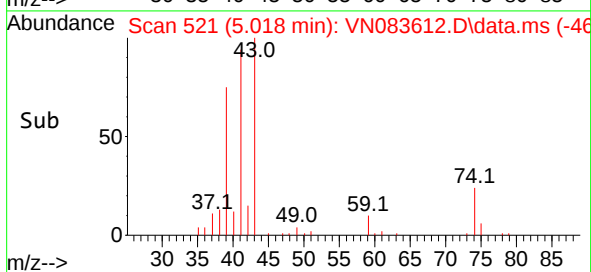
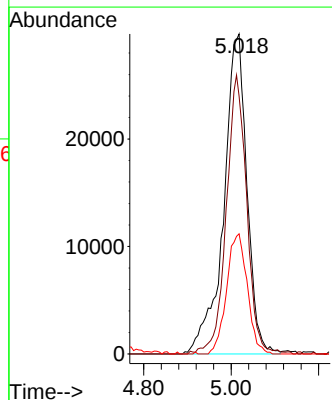
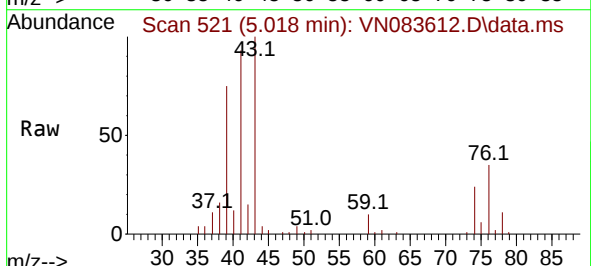
Tgt Ion: 41 Resp: 110263

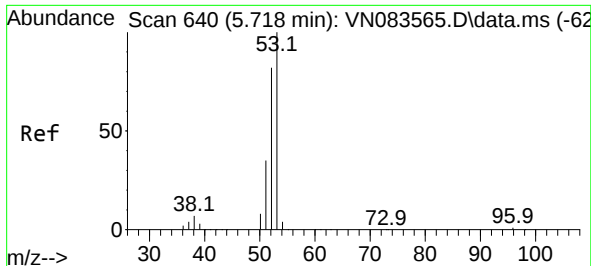
Ion Ratio Lower Upper

41 100

39 76.4 59.3 88.9

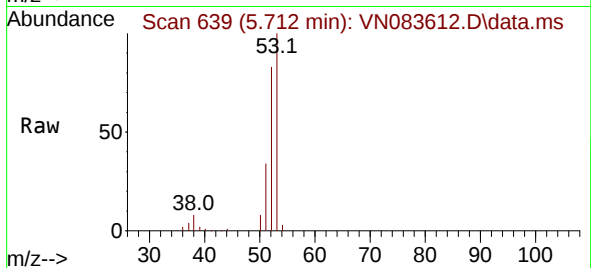
76 33.4 27.7 41.5



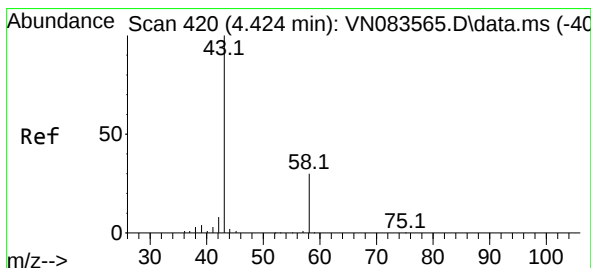
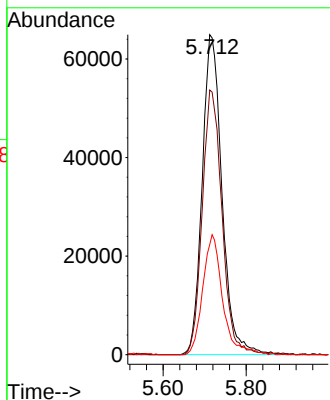
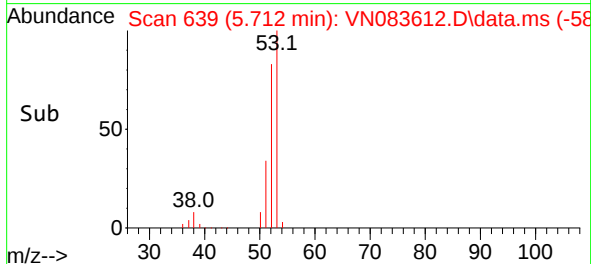


#15
Acrylonitrile
Concen: 473.425 ug/l
RT: 5.712 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN083612.D
Acq: 31 Aug 2024 12:08

Instrument :
MSVOA_N
ClientSampleId :

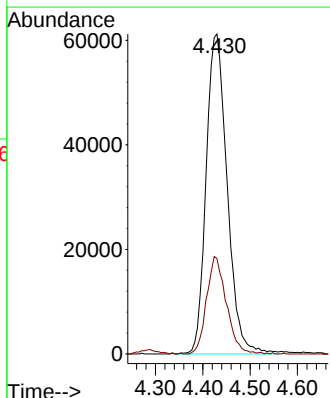
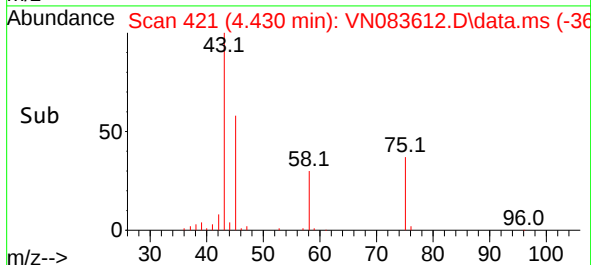
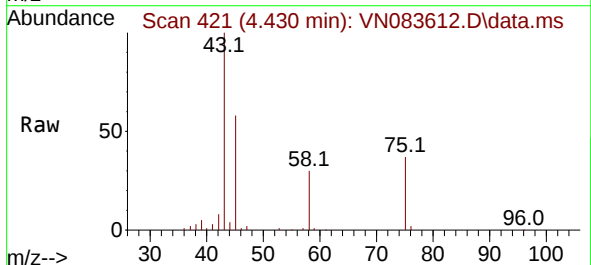


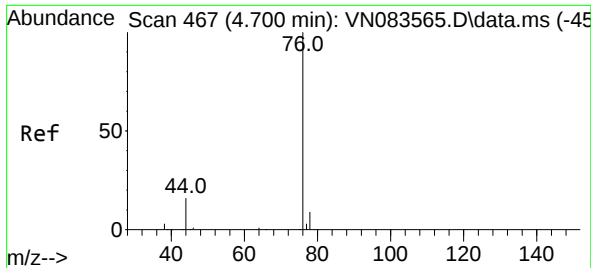
Tgt Ion: 53 Resp: 215327
Ion Ratio Lower Upper
53 100
52 82.4 66.1 99.1
51 37.5 29.6 44.4



#16
Acetone
Concen: 400.956 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN083612.D
Acq: 31 Aug 2024 12:08

Tgt Ion: 43 Resp: 189131
Ion Ratio Lower Upper
43 100
58 29.8 23.7 35.5

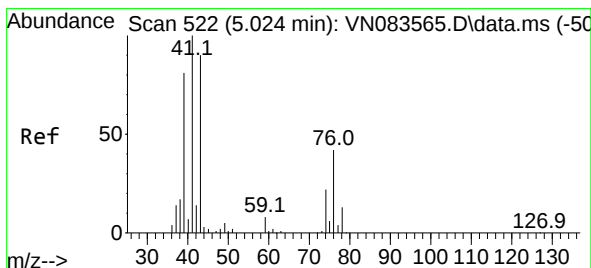
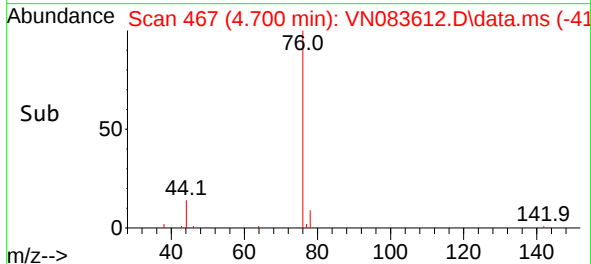
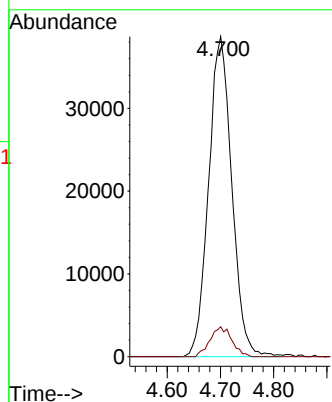
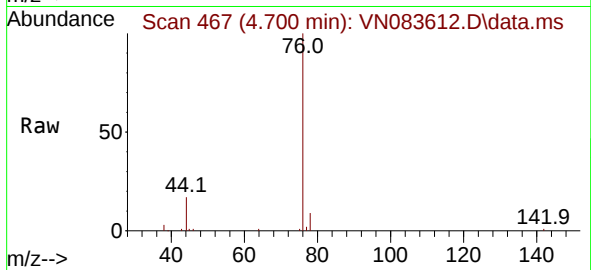




#17
Carbon Disulfide
Concen: 43.288 ug/l
RT: 4.700 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN083612.D
Acq: 31 Aug 2024 12:08

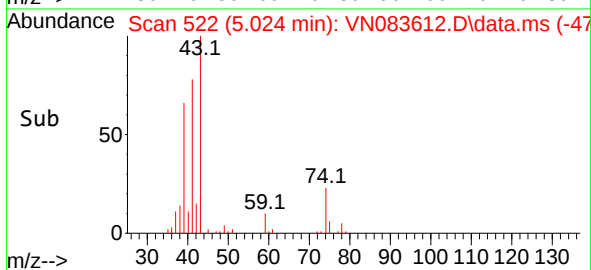
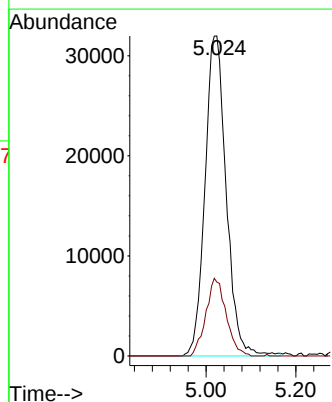
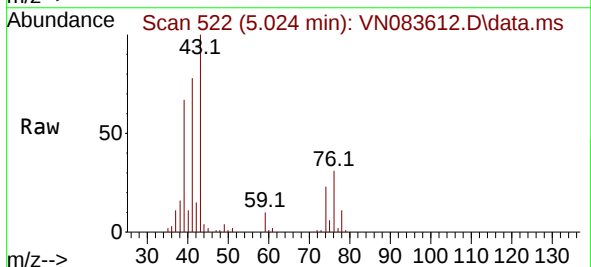
Instrument :
MSVOA_N
ClientSampleId :

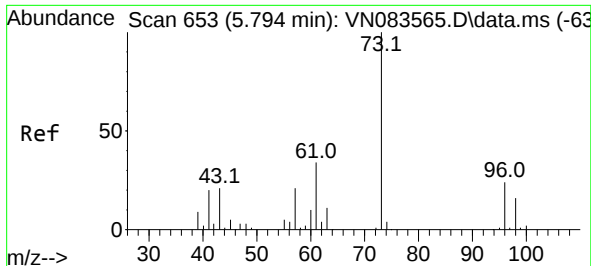
Tgt Ion: 76 Resp: 116963
Ion Ratio Lower Upper
76 100
78 9.3 7.1 10.7



#18
Methyl Acetate
Concen: 83.684 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.000 min
Lab File: VN083612.D
Acq: 31 Aug 2024 12:08

Tgt Ion: 43 Resp: 104978
Ion Ratio Lower Upper
43 100
74 23.2 19.0 28.4

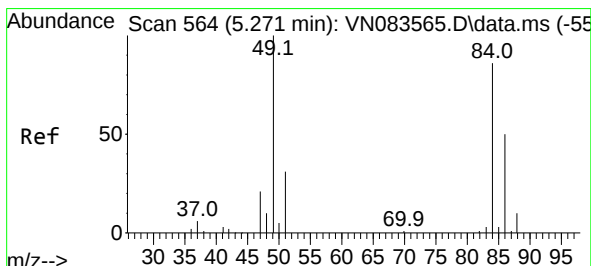
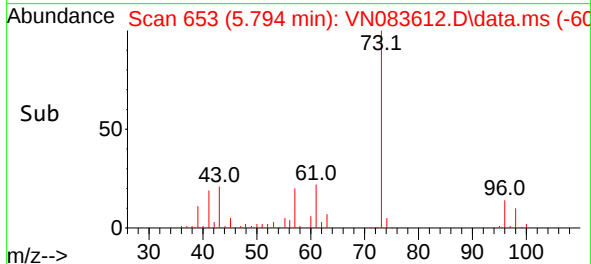
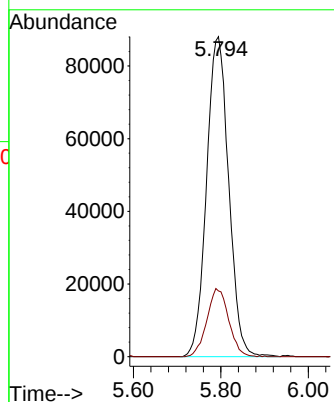
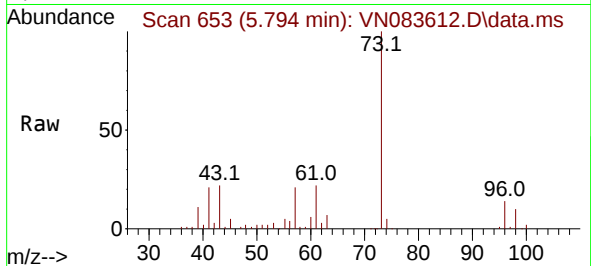




#19
Methyl tert-butyl Ether
Concen: 94.085 ug/l
RT: 5.794 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN083612.D
Acq: 31 Aug 2024 12:08

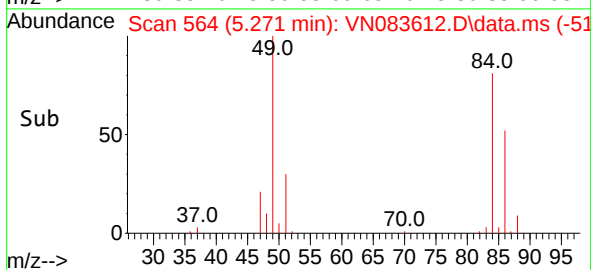
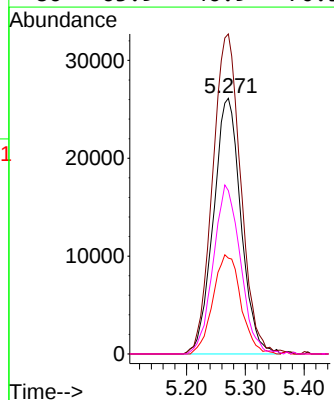
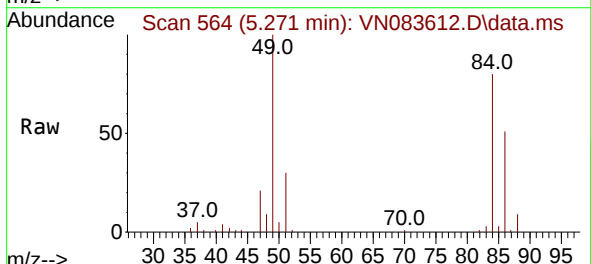
Instrument :
MSVOA_N
ClientSampleId :

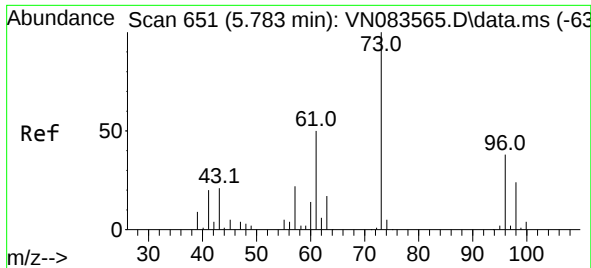
Tgt Ion: 73 Resp: 309434
Ion Ratio Lower Upper
73 100
57 20.6 17.0 25.6



#20
Methylene Chloride
Concen: 81.664 ug/l
RT: 5.271 min Scan# 564
Delta R.T. 0.000 min
Lab File: VN083612.D
Acq: 31 Aug 2024 12:08

Tgt Ion: 84 Resp: 85065
Ion Ratio Lower Upper
84 100
49 125.2 93.4 140.0
51 37.5 29.2 43.8
86 63.9 46.9 70.3

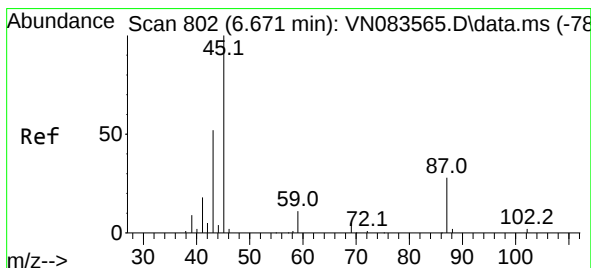
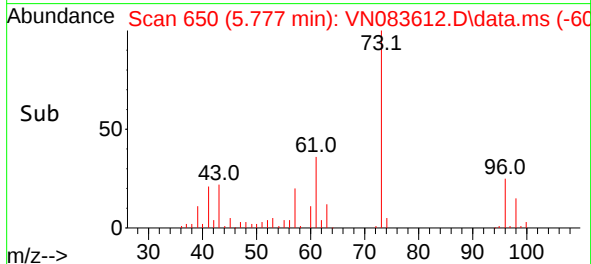
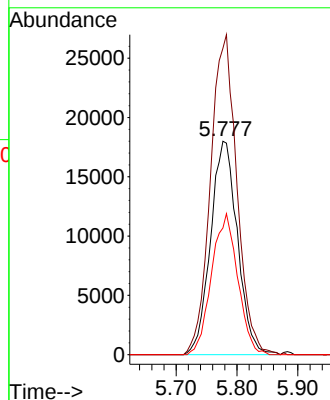
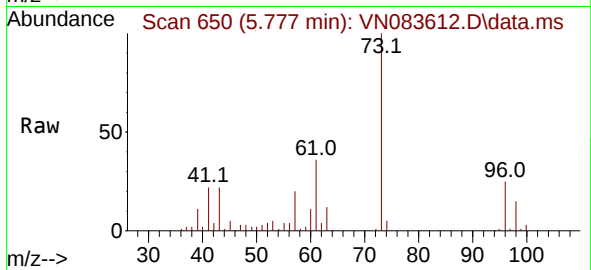




#21
trans-1,2-Dichloroethene
Concen: 57.201 ug/l
RT: 5.777 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN083612.D
Acq: 31 Aug 2024 12:08

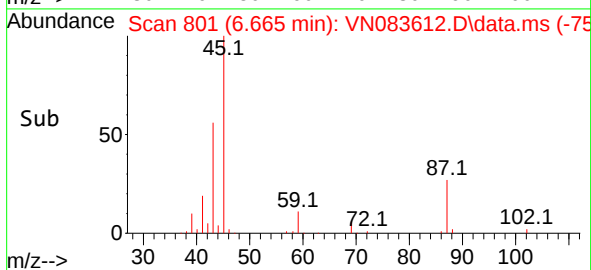
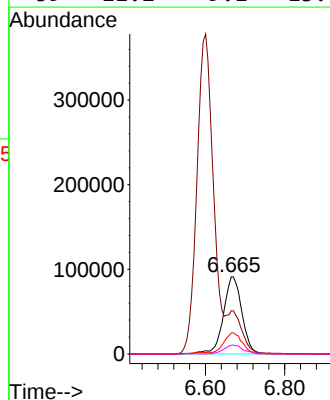
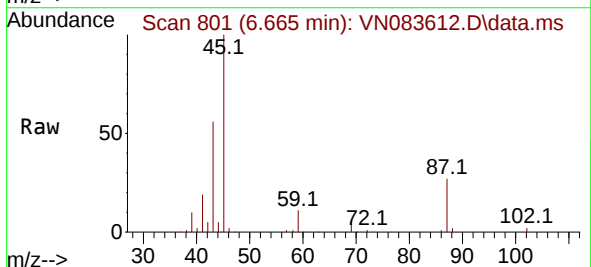
Instrument :
MSVOA_N
ClientSampleId :

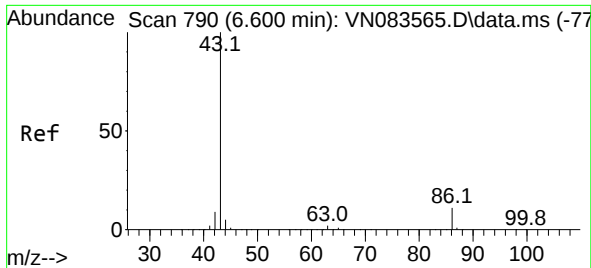
Tgt Ion: 96 Resp: 55245
Ion Ratio Lower Upper
96 100
61 143.6 106.0 159.0
98 59.4 52.2 78.2



#22
Diisopropyl ether
Concen: 90.447 ug/l
RT: 6.665 min Scan# 801
Delta R.T. -0.006 min
Lab File: VN083612.D
Acq: 31 Aug 2024 12:08

Tgt Ion: 45 Resp: 294826
Ion Ratio Lower Upper
45 100
43 55.1 43.4 65.0
87 27.2 22.6 33.8
59 11.2 9.1 13.7

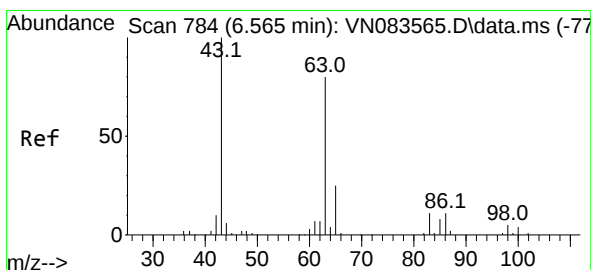
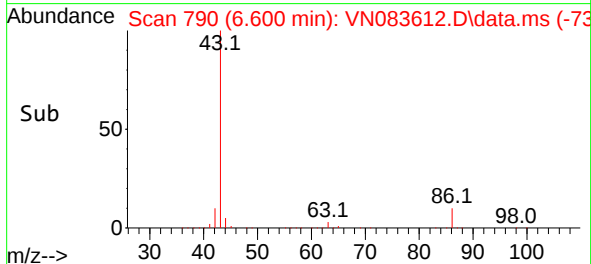
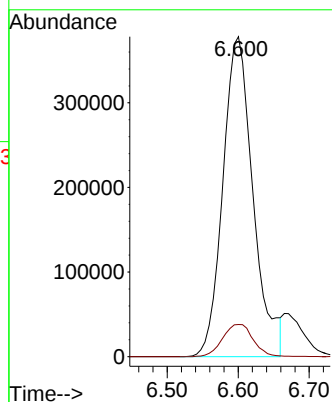
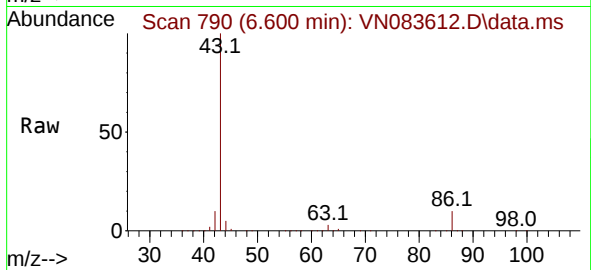




#23
 Vinyl Acetate
 Concen: 461.225 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.000 min
 Lab File: VN083612.D
 Acq: 31 Aug 2024 12:08

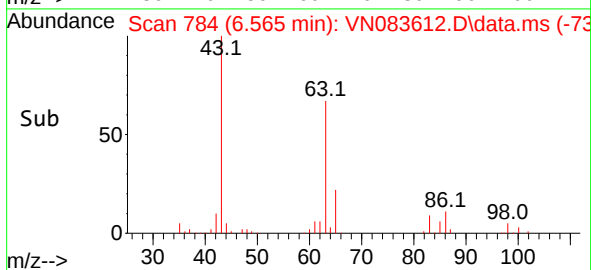
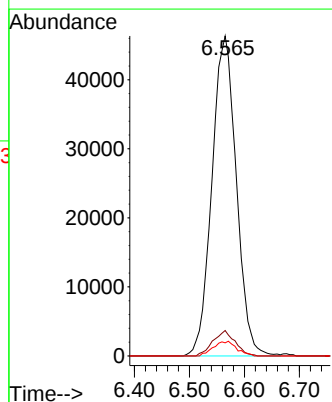
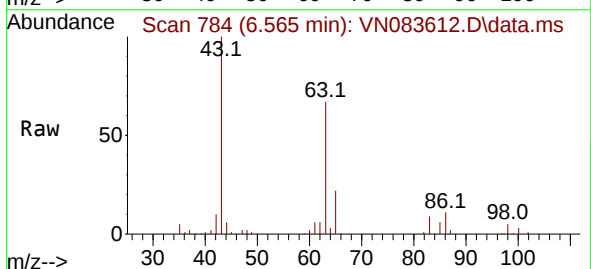
Instrument :
 MSVOA_N
 ClientSampleId :

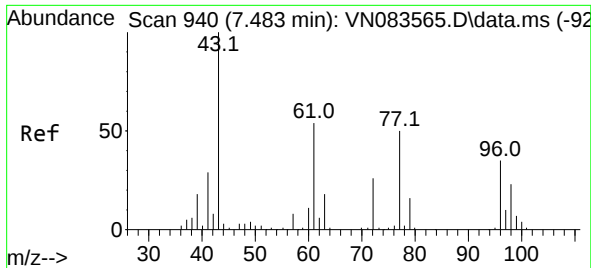
Tgt Ion: 43 Resp: 1114167
 Ion Ratio Lower Upper
 43 100
 86 10.0 8.7 13.1



#24
 1,1-Dichloroethane
 Concen: 77.064 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. 0.000 min
 Lab File: VN083612.D
 Acq: 31 Aug 2024 12:08

Tgt Ion: 63 Resp: 143253
 Ion Ratio Lower Upper
 63 100
 98 8.0 3.5 10.4
 100 4.1 2.5 7.5

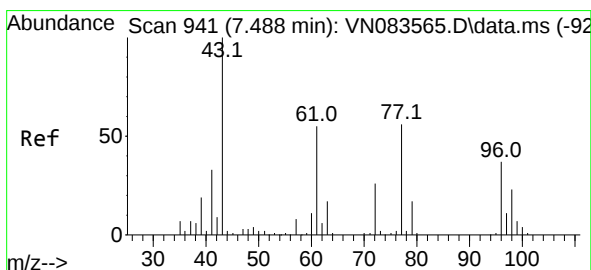
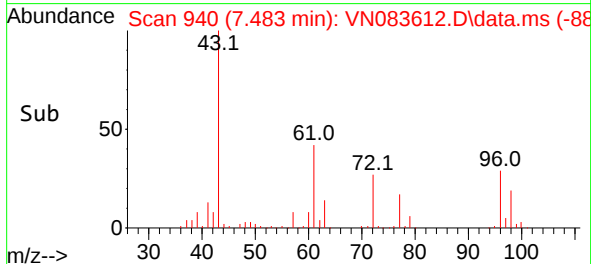
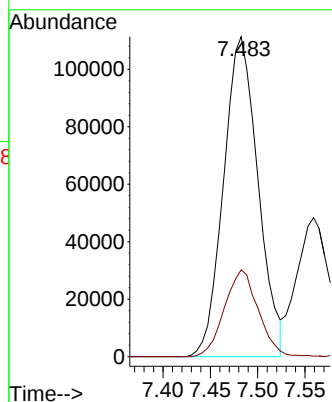
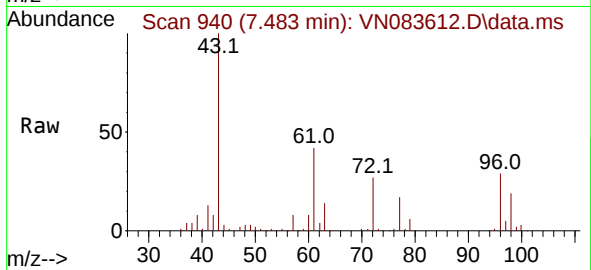




#25
2-Butanone
Concen: 439.767 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN083612.D
Acq: 31 Aug 2024 12:08

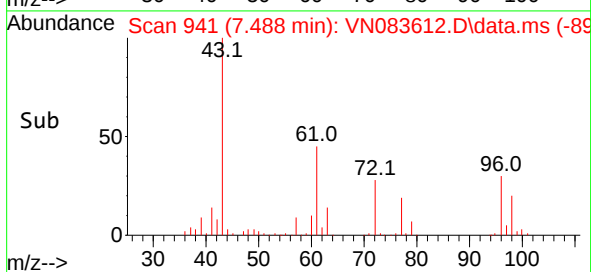
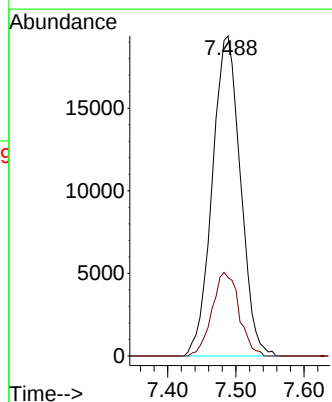
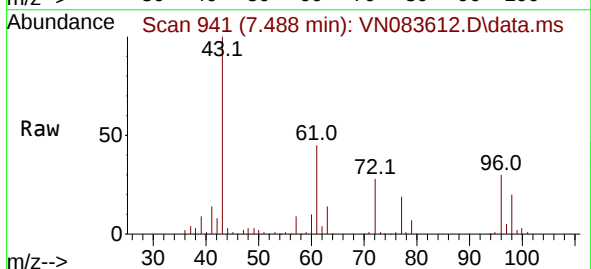
Instrument :
MSVOA_N
ClientSampleId :

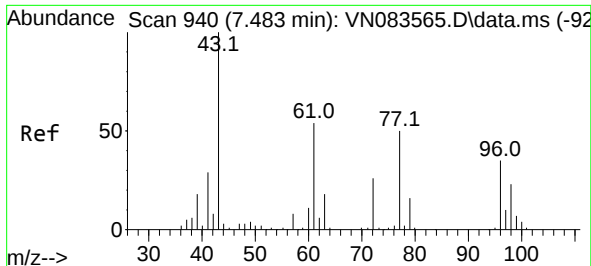
Tgt Ion: 43 Resp: 282434
Ion Ratio Lower Upper
43 100
72 27.1 20.8 31.2



#26
2,2-Dichloropropane
Concen: 32.215 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN083612.D
Acq: 31 Aug 2024 12:08

Tgt Ion: 77 Resp: 55754
Ion Ratio Lower Upper
77 100
97 25.0 10.2 30.4



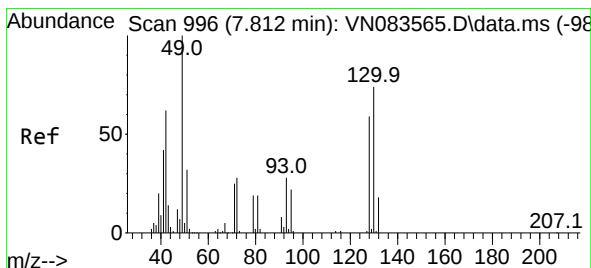
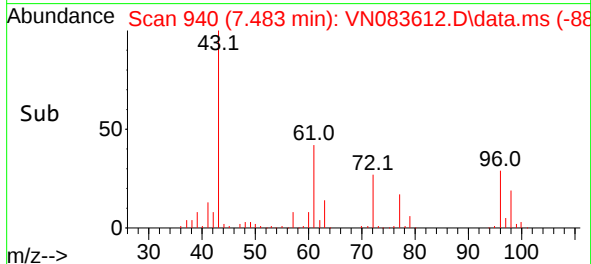
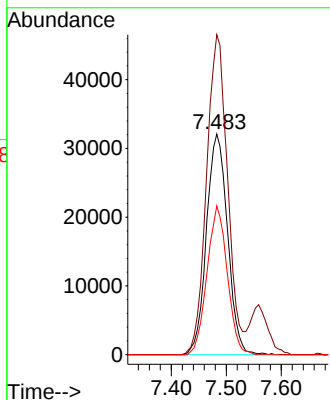
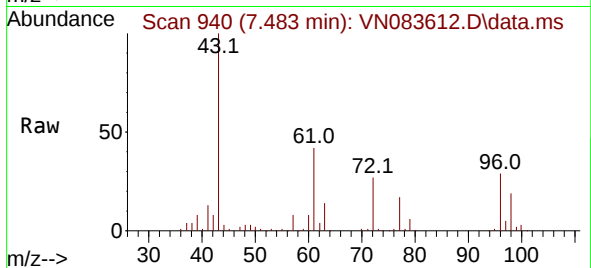


#27
 cis-1,2-Dichloroethene
 Concen: 74.323 ug/l
 RT: 7.483 min Scan# 940
 Delta R.T. 0.000 min
 Lab File: VN083612.D
 Acq: 31 Aug 2024 12:08

Instrument :
 MSVOA_N
 ClientSampleId :

Tgt Ion: 96 Resp: 85656

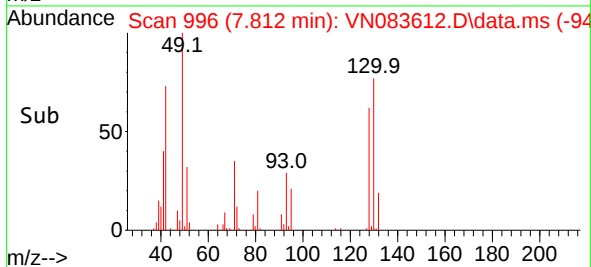
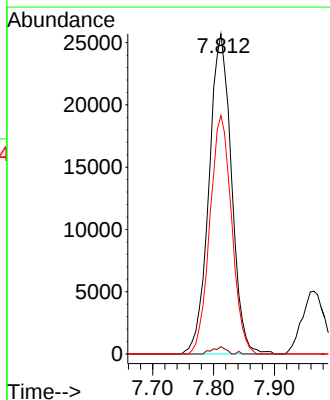
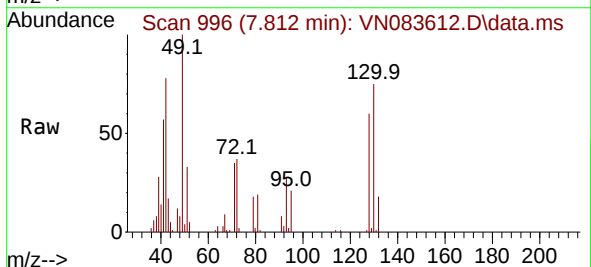
Ion	Ratio	Lower	Upper
96	100		
61	145.0	0.0	306.2
98	64.7	0.0	128.6

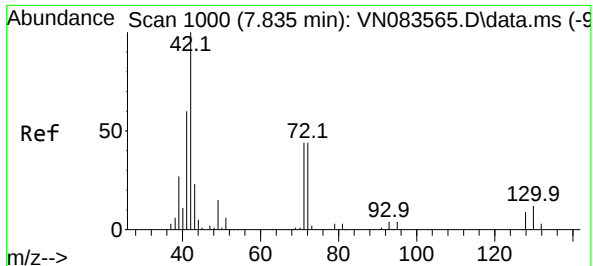


#28
 Bromochloromethane
 Concen: 75.797 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.000 min
 Lab File: VN083612.D
 Acq: 31 Aug 2024 12:08

Tgt Ion: 49 Resp: 65796

Ion	Ratio	Lower	Upper
49	100		
129	1.3	0.0	3.4
130	72.3	60.2	90.2





#29

Tetrahydrofuran

Concen: 466.610 ug/l

RT: 7.835 min Scan# 1000

Delta R.T. 0.000 min

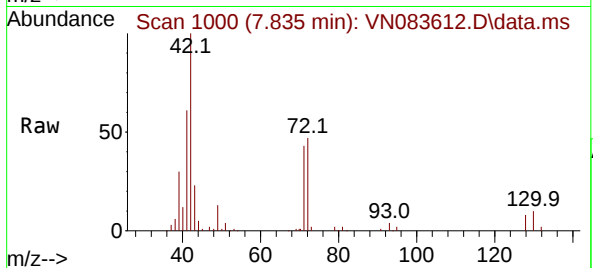
Lab File: VN083612.D

Acq: 31 Aug 2024 12:08

Instrument :

MSVOA_N

ClientSampleId :



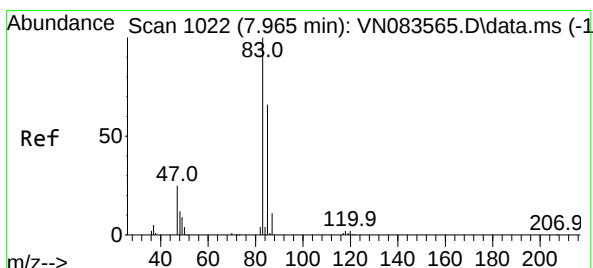
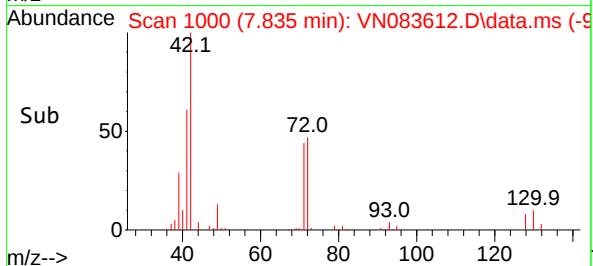
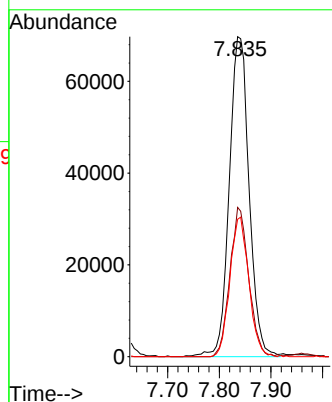
Tgt Ion: 42 Resp: 185880

Ion Ratio Lower Upper

42 100

72 44.5 35.9 53.9

71 41.6 33.9 50.9



#30

Chloroform

Concen: 77.113 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. 0.000 min

Lab File: VN083612.D

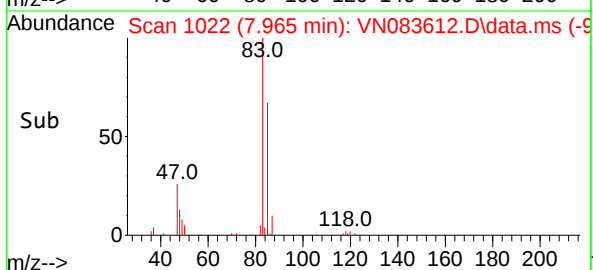
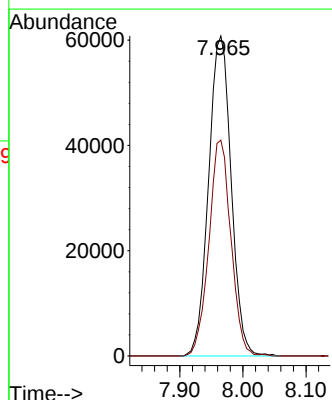
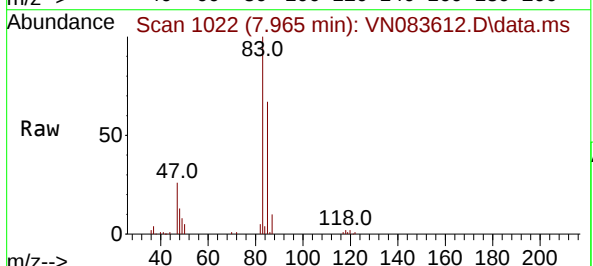
Acq: 31 Aug 2024 12:08

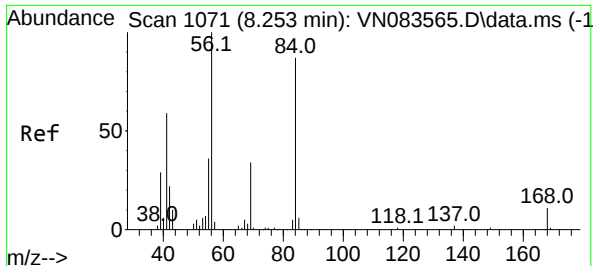
Tgt Ion: 83 Resp: 151022

Ion Ratio Lower Upper

83 100

85 67.5 52.8 79.2

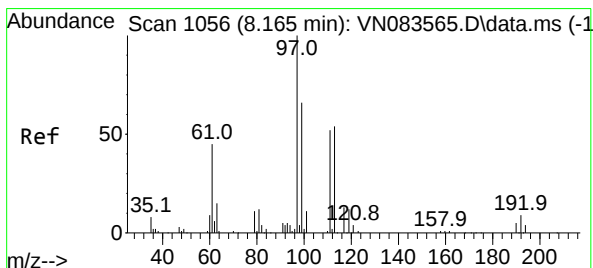
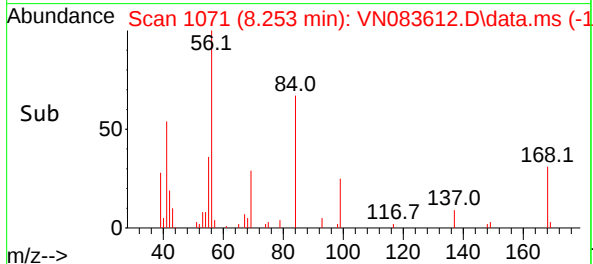
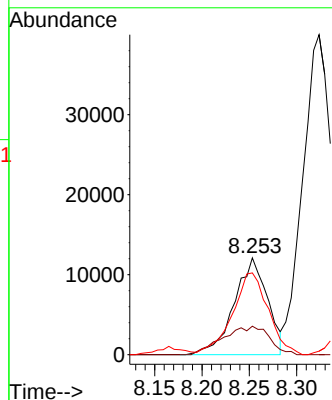
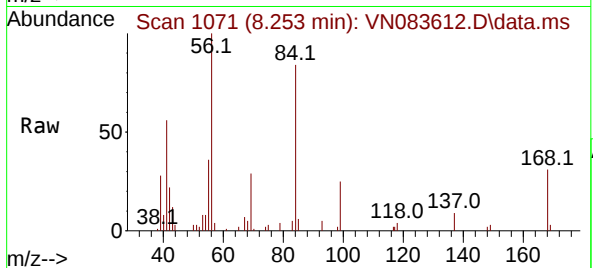




#31
Cyclohexane
Concen: 16.181 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. 0.000 min
Lab File: VN083612.D
Acq: 31 Aug 2024 12:08

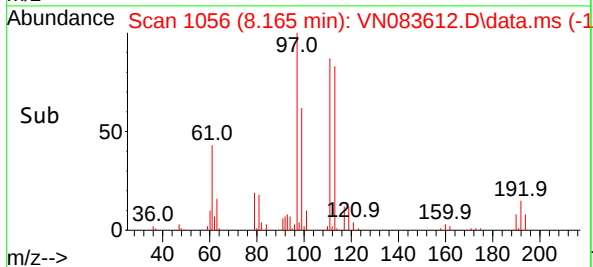
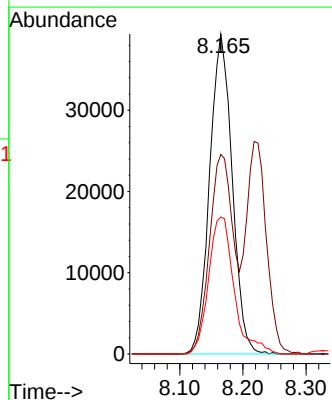
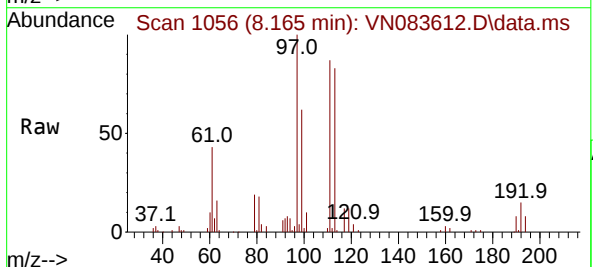
Instrument :
MSVOA_N
ClientSampleId :

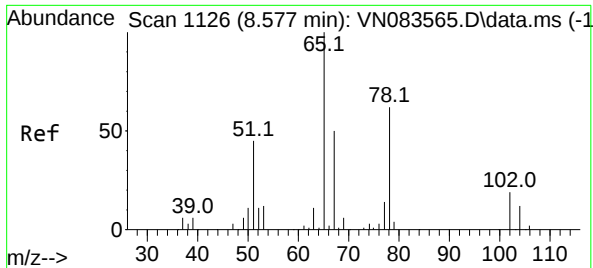
Tgt Ion: 56 Resp: 29606
Ion Ratio Lower Upper
56 100
69 29.4 26.9 40.3
84 79.3 69.2 103.8



#32
1,1,1-Trichloroethane
Concen: 55.113 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN083612.D
Acq: 31 Aug 2024 12:08

Tgt Ion: 97 Resp: 97602
Ion Ratio Lower Upper
97 100
99 65.8 52.3 78.5
61 48.5 38.2 57.2

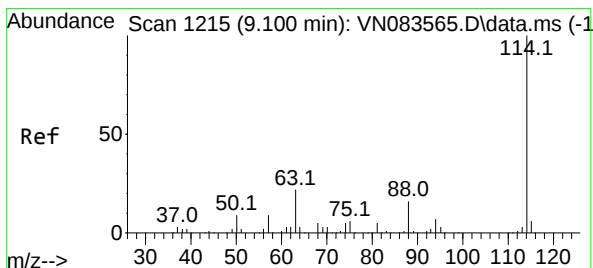
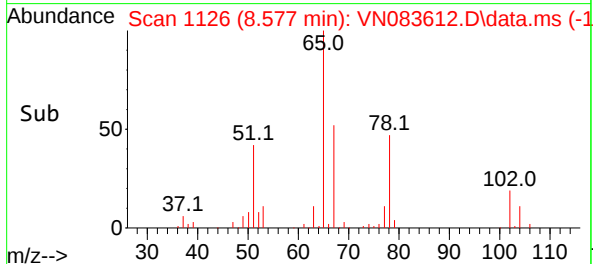
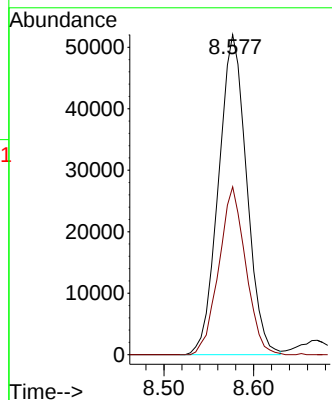
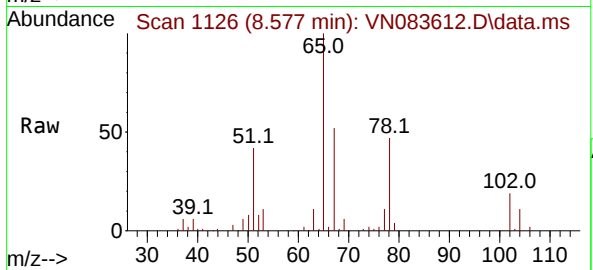




#33
 1,2-Dichloroethane-d4
 Concen: 95.694 ug/l
 RT: 8.577 min Scan# 1126
 Delta R.T. 0.000 min
 Lab File: VN083612.D
 Acq: 31 Aug 2024 12:08

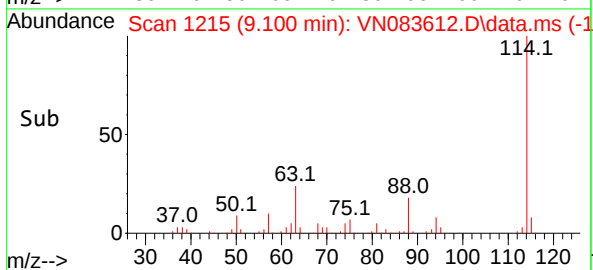
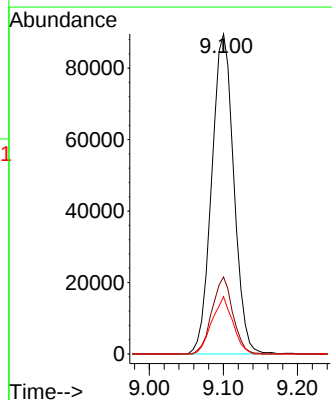
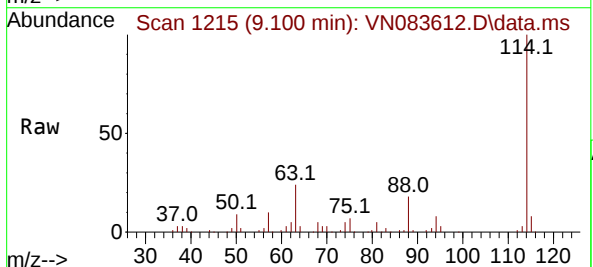
Instrument :
 MSVOA_N
 ClientSampleId :

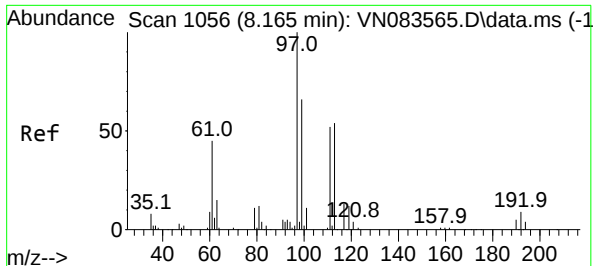
Tgt Ion: 65 Resp: 113192
 Ion Ratio Lower Upper
 65 100
 67 50.0 0.0 100.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. 0.000 min
 Lab File: VN083612.D
 Acq: 31 Aug 2024 12:08

Tgt Ion: 114 Resp: 185362
 Ion Ratio Lower Upper
 114 100
 63 24.0 0.0 43.4
 88 17.9 0.0 32.6

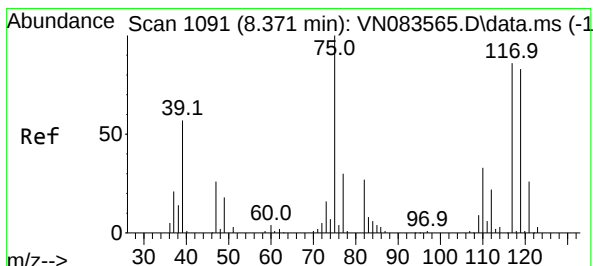
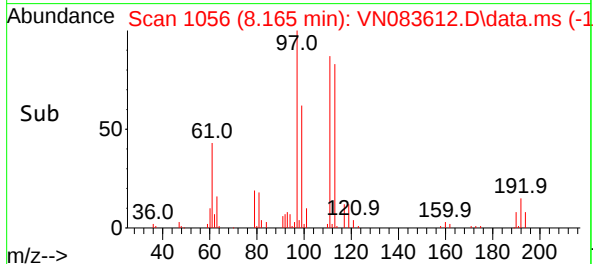
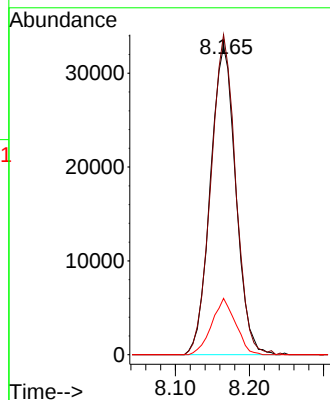
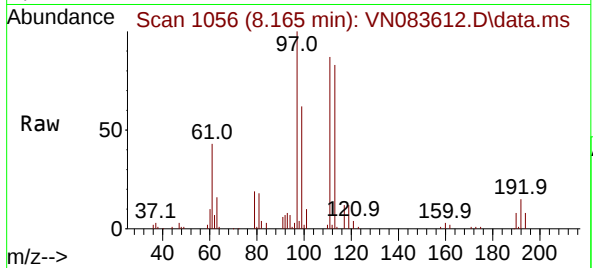




#35
Dibromofluoromethane
Concen: 70.170 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN083612.D
Acq: 31 Aug 2024 12:08

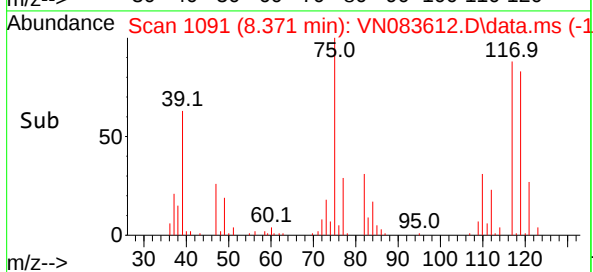
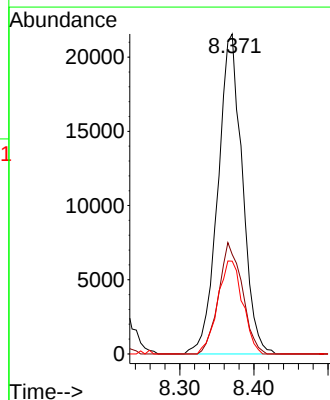
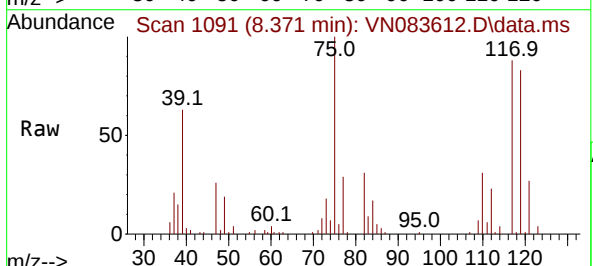
Instrument :
MSVOA_N
ClientSampleId :

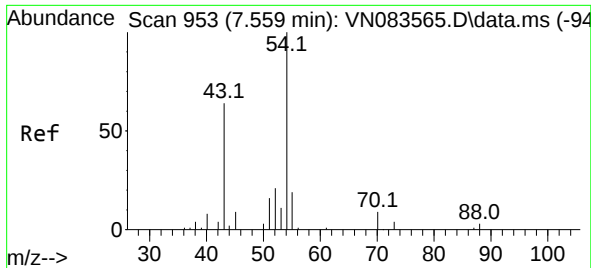
Tgt Ion:113 Resp: 78285
Ion Ratio Lower Upper
113 100
111 101.3 82.6 124.0
192 17.1 14.3 21.5



#36
1,1-Dichloropropene
Concen: 28.936 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VN083612.D
Acq: 31 Aug 2024 12:08

Tgt Ion: 75 Resp: 49241
Ion Ratio Lower Upper
75 100
110 33.8 16.7 50.1
77 29.9 25.2 37.8

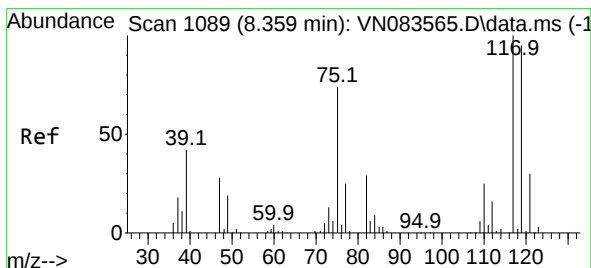
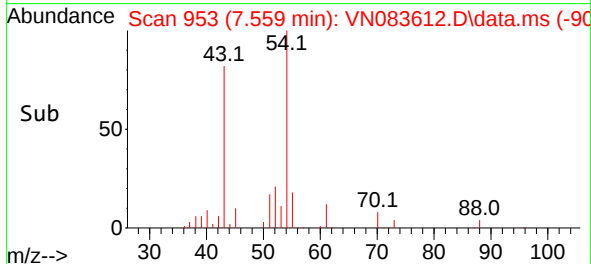
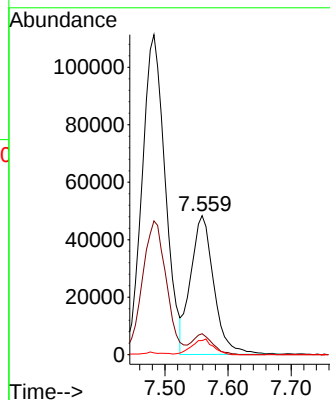
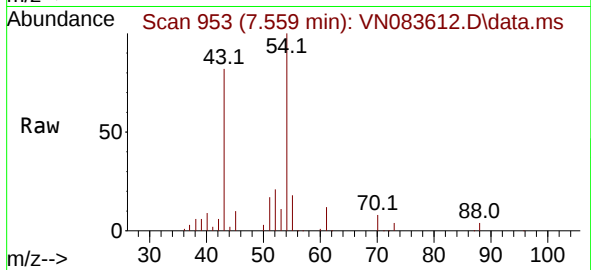




#37
Ethyl Acetate
Concen: 72.445 ug/l
RT: 7.559 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN083612.D
Acq: 31 Aug 2024 12:08

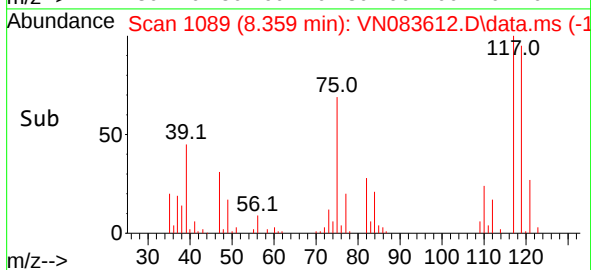
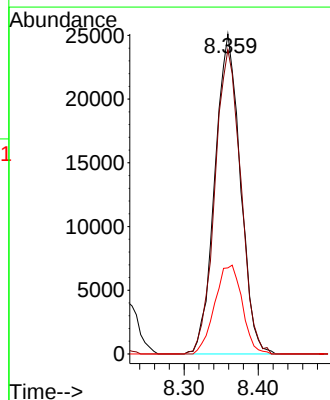
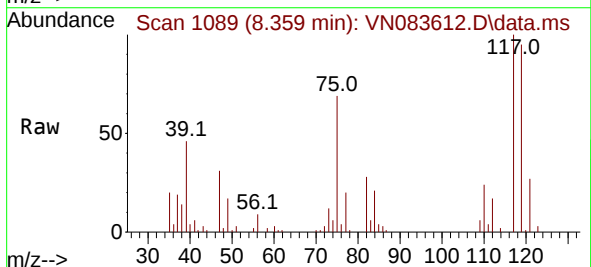
Instrument :
MSVOA_N
ClientSampleId :

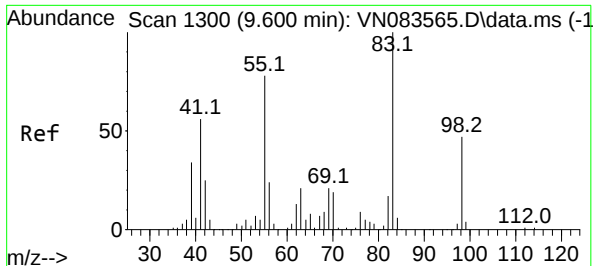
Tgt Ion: 43 Resp: 122692
Ion Ratio Lower Upper
43 100
61 12.8 11.1 16.7
70 10.4 8.8 13.2



#38
Carbon Tetrachloride
Concen: 30.826 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VN083612.D
Acq: 31 Aug 2024 12:08

Tgt Ion: 117 Resp: 59852
Ion Ratio Lower Upper
117 100
119 95.1 76.1 114.1
121 26.9 24.1 36.1





#39

Methylcyclohexane

Concen: 10.114 ug/l

RT: 9.600 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN083612.D

Acq: 31 Aug 2024 12:08

Instrument :

MSVOA_N

ClientSampleId :

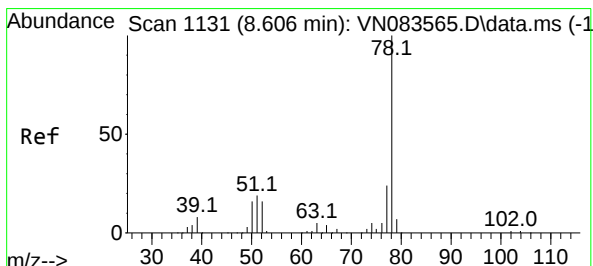
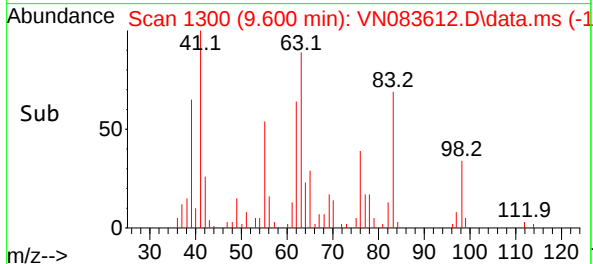
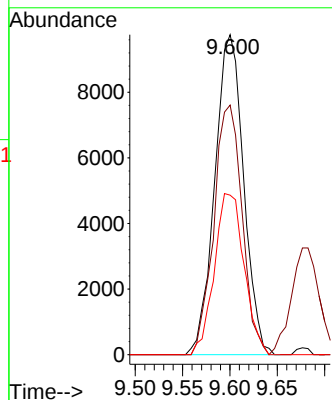
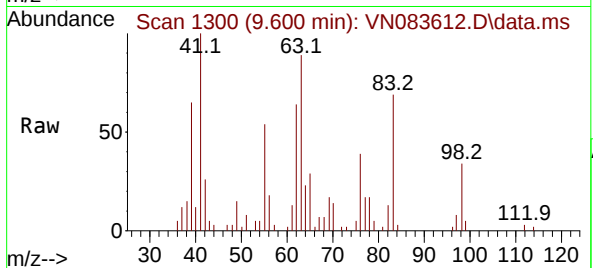
Tgt Ion: 83 Resp: 20652

Ion Ratio Lower Upper

83 100

55 78.0 62.2 93.4

98 49.8 37.6 56.4



#40

Benzene

Concen: 52.720 ug/l

RT: 8.600 min Scan# 1130

Delta R.T. -0.006 min

Lab File: VN083612.D

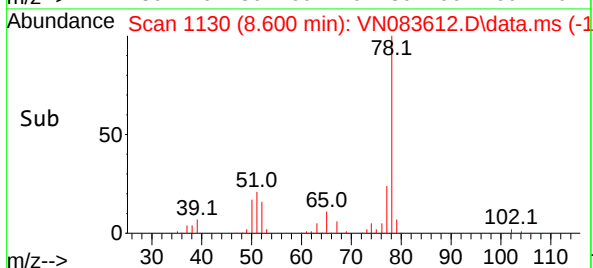
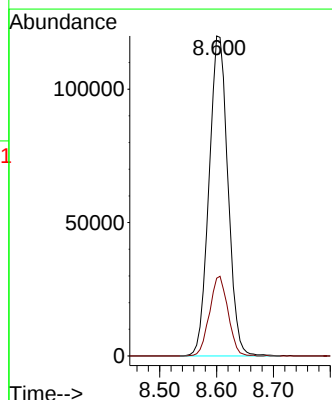
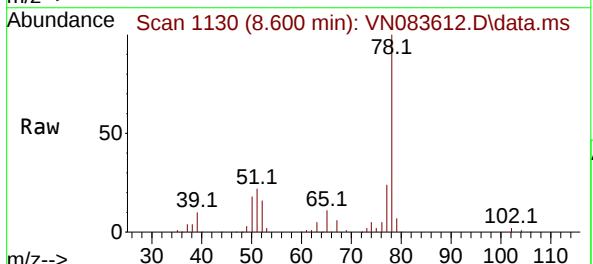
Acq: 31 Aug 2024 12:08

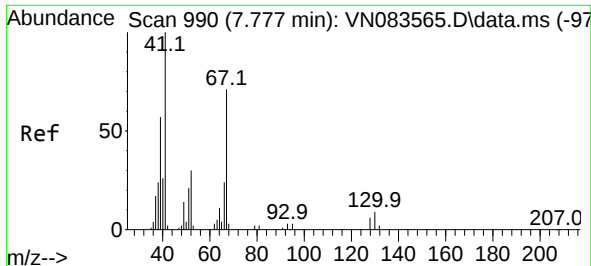
Tgt Ion: 78 Resp: 275981

Ion Ratio Lower Upper

78 100

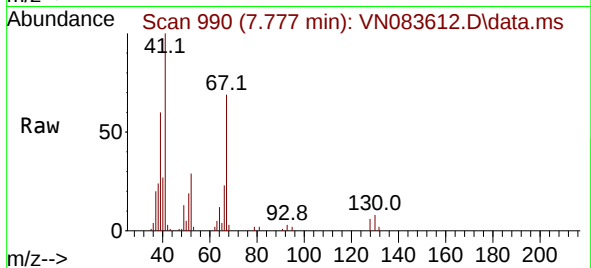
77 24.3 19.0 28.6



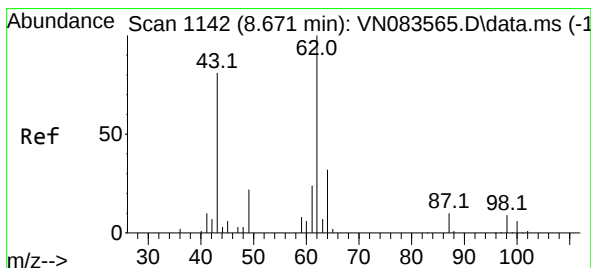
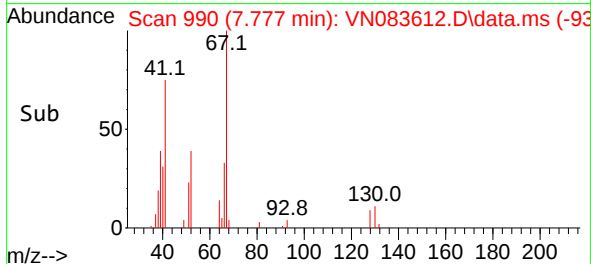
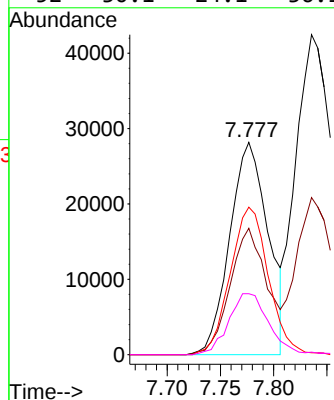


#41
Methacrylonitrile
Concen: 73.239 ug/l
RT: 7.777 min Scan# 990
Delta R.T. 0.000 min
Lab File: VN083612.D
Acq: 31 Aug 2024 12:08

Instrument :
MSVOA_N
ClientSampleId :

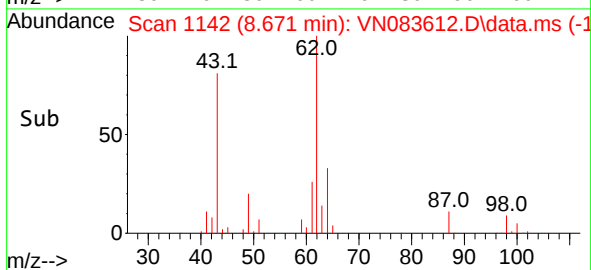
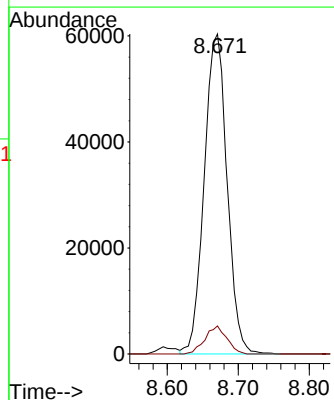
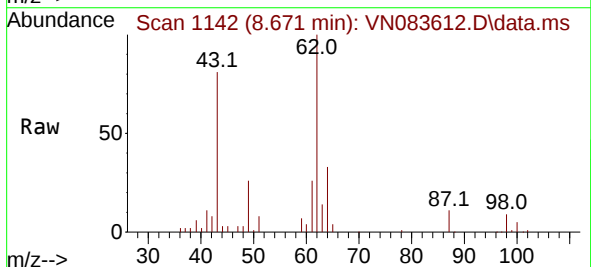


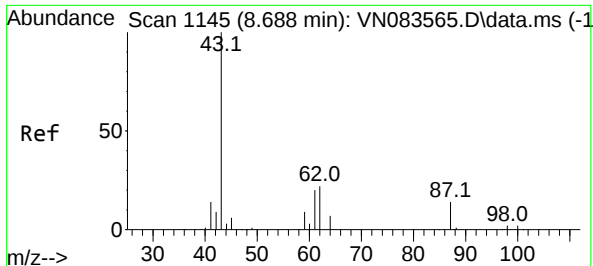
Tgt Ion:	41	Resp:	70782
Ion	Ratio	Lower	Upper
41	100		
39	57.3	45.4	68.2
67	69.1	55.9	83.9
52	30.1	24.1	36.1



#42
1,2-Dichloroethane
Concen: 69.701 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN083612.D
Acq: 31 Aug 2024 12:08

Tgt Ion:	62	Resp:	135252
Ion	Ratio	Lower	Upper
62	100		
98	8.3	0.0	16.6

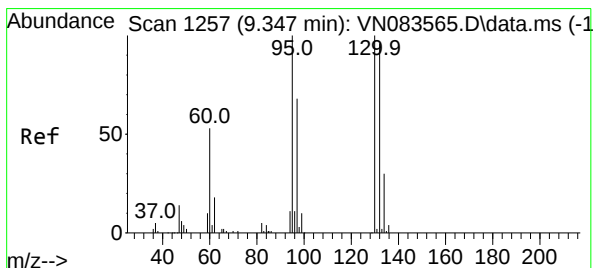
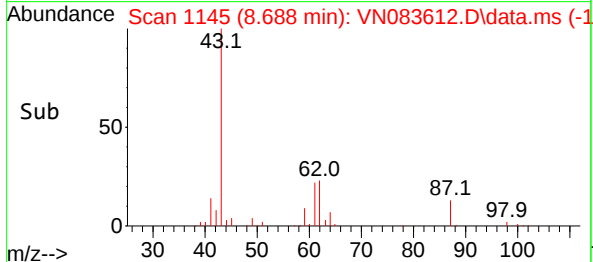
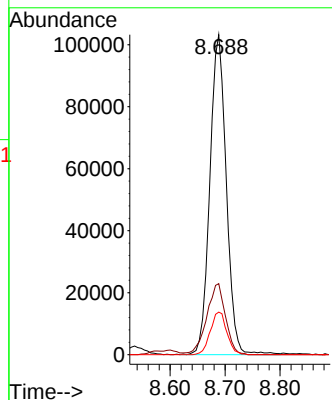
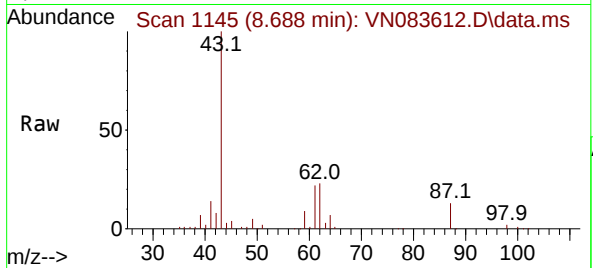




#43
Isopropyl Acetate
Concen: 63.504 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN083612.D
Acq: 31 Aug 2024 12:08

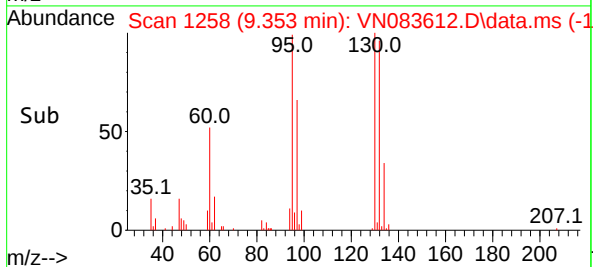
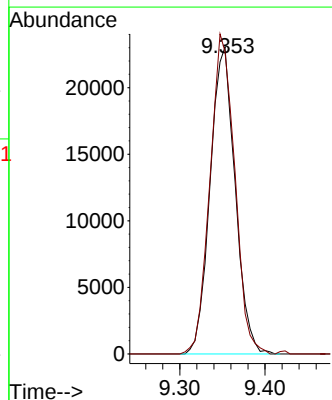
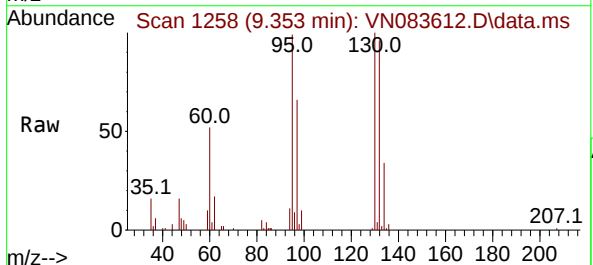
Instrument :
MSVOA_N
ClientSampleId :

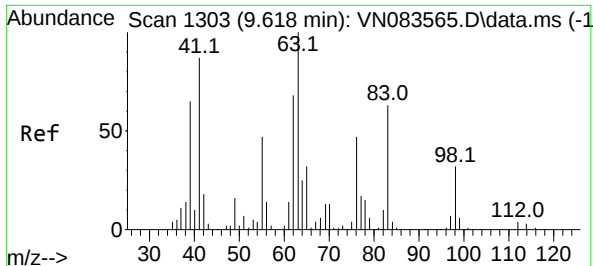
Tgt Ion: 43 Resp: 214739
Ion Ratio Lower Upper
43 100
61 25.3 19.4 29.0
87 13.3 9.8 14.6



#44
Trichloroethene
Concen: 37.231 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.006 min
Lab File: VN083612.D
Acq: 31 Aug 2024 12:08

Tgt Ion:130 Resp: 46884
Ion Ratio Lower Upper
130 100
95 98.5 0.0 200.4





#45

1,2-Dichloropropane

Concen: 62.125 ug/l

RT: 9.618 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN083612.D

Acq: 31 Aug 2024 12:08

Instrument :

MSVOA_N

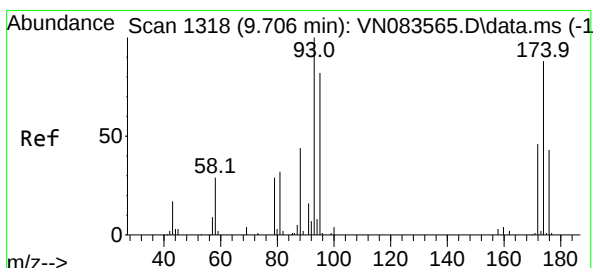
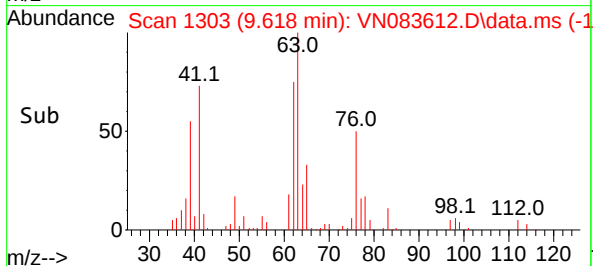
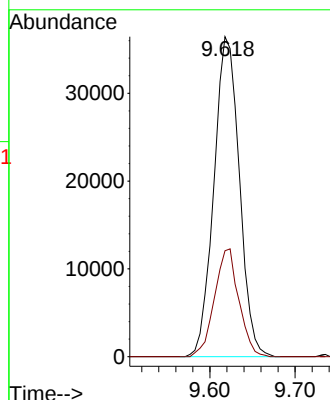
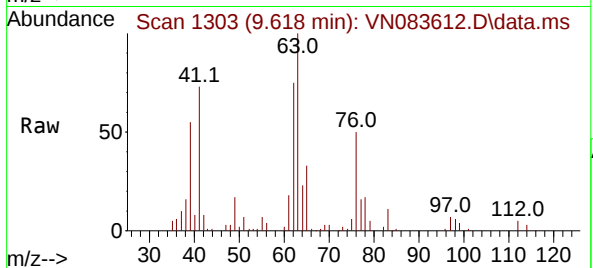
ClientSampleId :

Tgt Ion: 63 Resp: 75759

Ion Ratio Lower Upper

63 100

65 33.1 25.9 38.9



#46

Dibromomethane

Concen: 68.831 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. 0.000 min

Lab File: VN083612.D

Acq: 31 Aug 2024 12:08

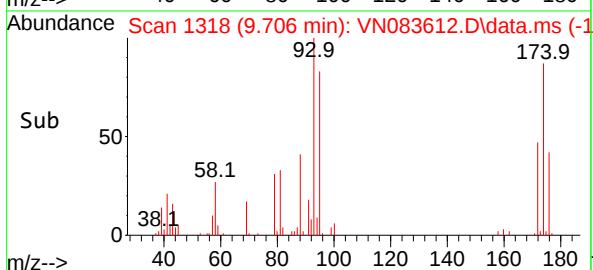
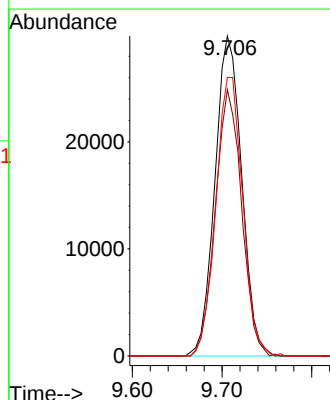
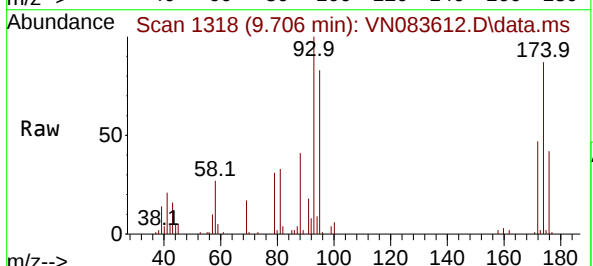
Tgt Ion: 93 Resp: 61924

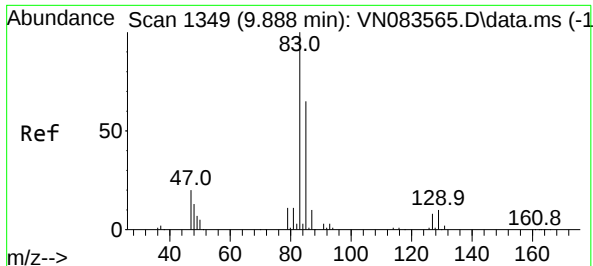
Ion Ratio Lower Upper

93 100

95 81.6 65.3 97.9

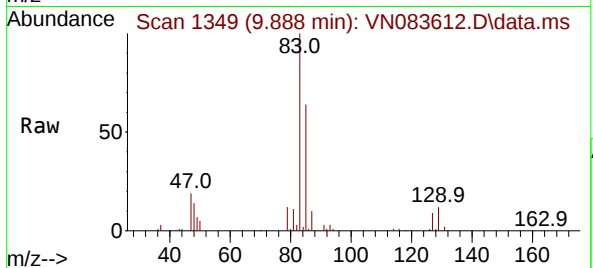
174 87.3 71.0 106.4



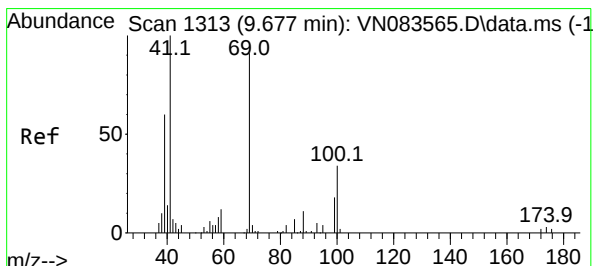
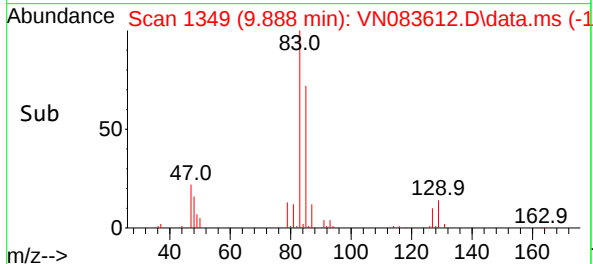
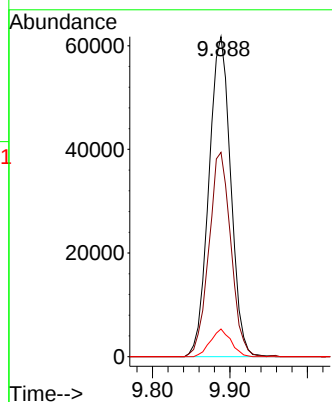


#47
Bromodichloromethane
Concen: 63.102 ug/l
RT: 9.888 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN083612.D
Acq: 31 Aug 2024 12:08

Instrument :
MSVOA_N
ClientSampleId :

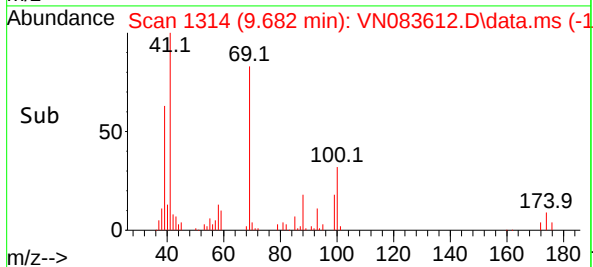
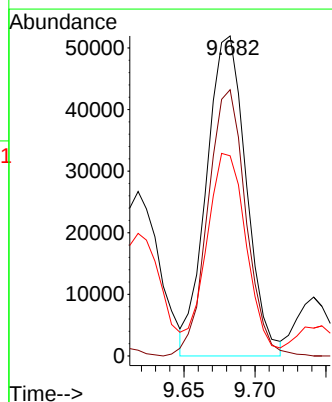
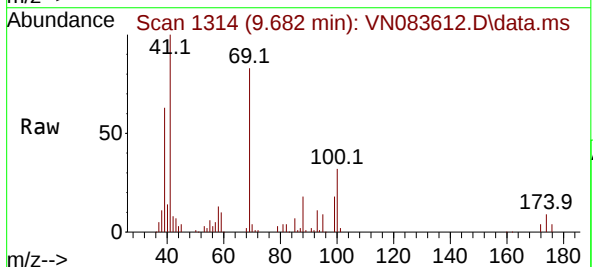


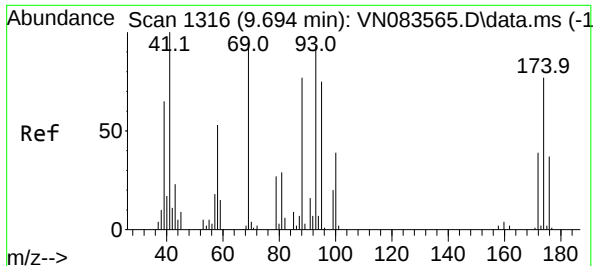
Tgt Ion: 83 Resp: 120845
Ion Ratio Lower Upper
83 100
85 63.8 51.8 77.8
127 8.7 6.6 9.8



#48
Methyl methacrylate
Concen: 72.796 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. 0.006 min
Lab File: VN083612.D
Acq: 31 Aug 2024 12:08

Tgt Ion: 41 Resp: 101120
Ion Ratio Lower Upper
41 100
69 79.7 64.3 96.5
39 63.9 48.9 73.3





#49

1,4-Dioxane

Concen: 1476.837 ug/l

RT: 9.694 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN083612.D

Acq: 31 Aug 2024 12:08

Instrument :

MSVOA_N

ClientSampleId :

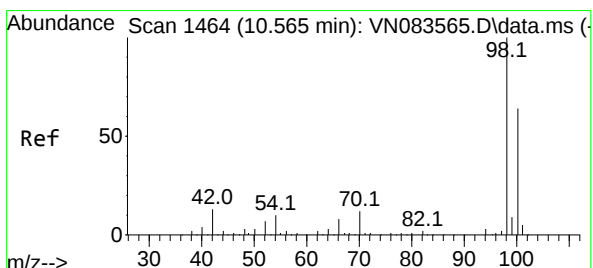
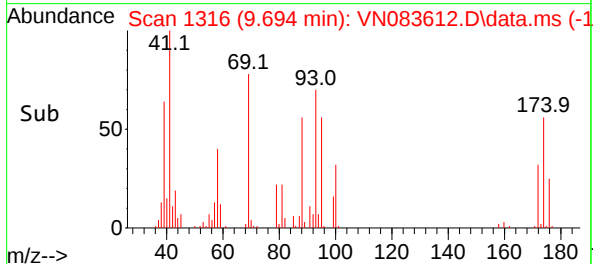
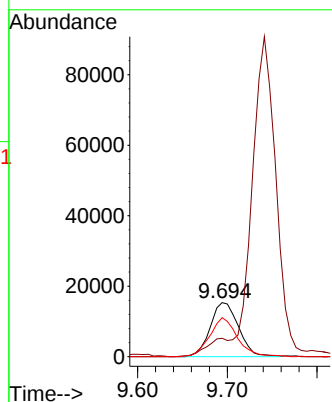
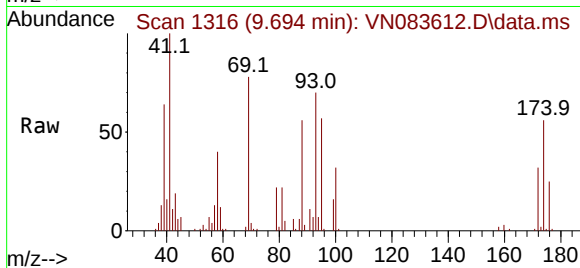
Tgt Ion: 88 Resp: 33615

Ion Ratio Lower Upper

88 100

43 26.4 0.0 0.0#

58 70.9 57.1 85.7



#50

Toluene-d8

Concen: 44.555 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN083612.D

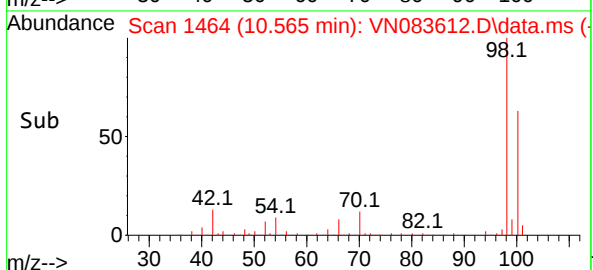
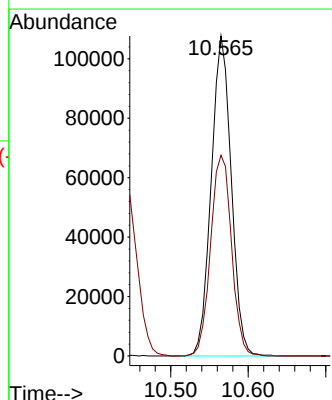
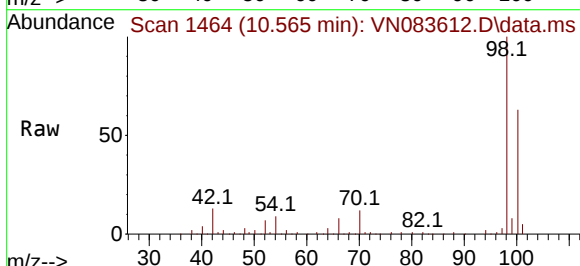
Acq: 31 Aug 2024 12:08

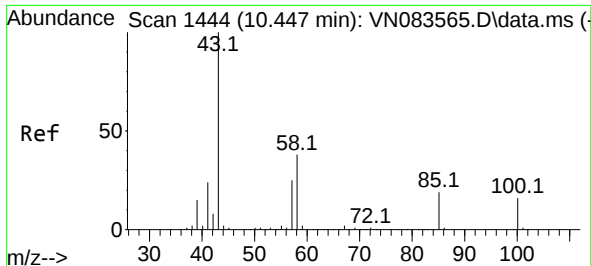
Tgt Ion: 98 Resp: 193238

Ion Ratio Lower Upper

98 100

100 65.5 52.0 78.0

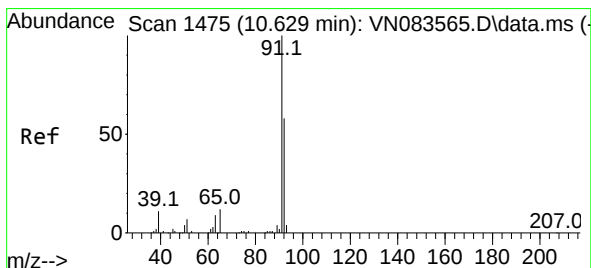
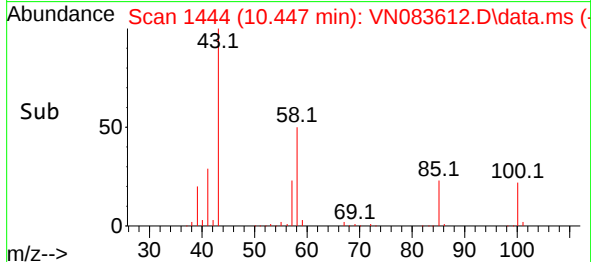
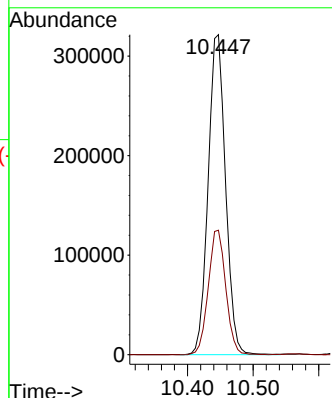
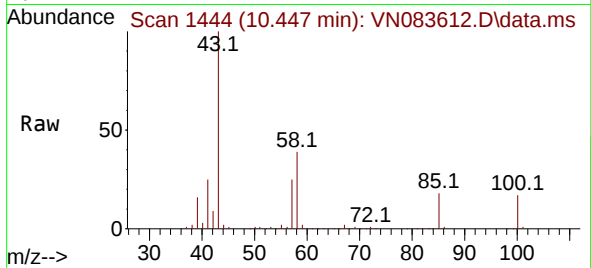




#51
4-Methyl-2-Pentanone
Concen: 376.482 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN083612.D
Acq: 31 Aug 2024 12:08

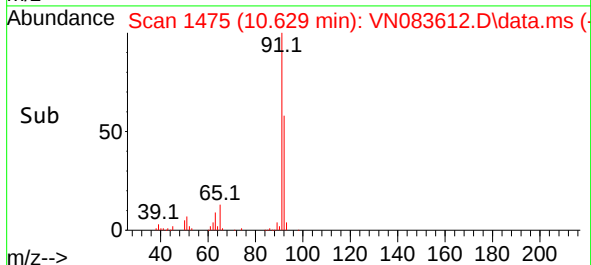
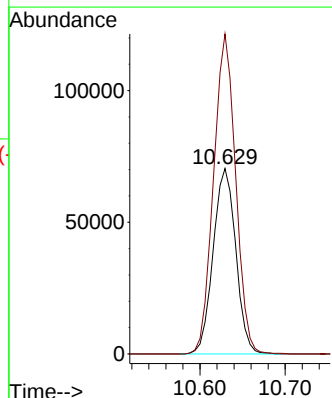
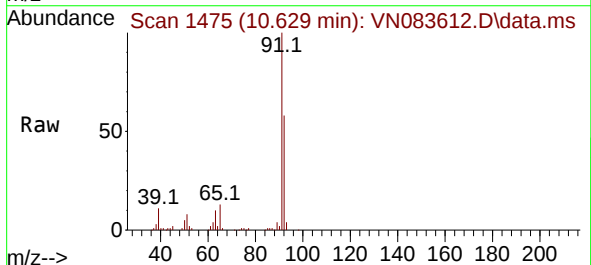
Instrument :
MSVOA_N
ClientSampleId :

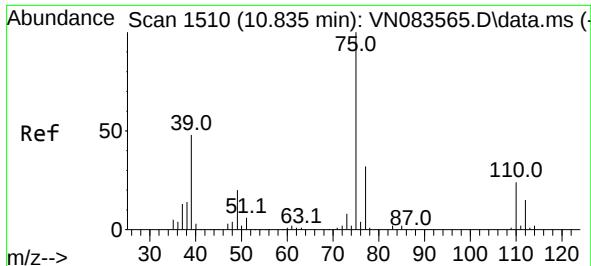
Tgt Ion: 43 Resp: 592776
Ion Ratio Lower Upper
43 100
58 39.1 31.6 47.4



#52
Toluene
Concen: 39.718 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN083612.D
Acq: 31 Aug 2024 12:08

Tgt Ion: 92 Resp: 130035
Ion Ratio Lower Upper
92 100
91 168.6 134.7 202.1





#53

t-1,3-Dichloropropene

Concen: 54.138 ug/l

RT: 10.835 min Scan# 1510

Delta R.T. 0.000 min

Lab File: VN083612.D

Acq: 31 Aug 2024 12:08

Instrument :

MSVOA_N

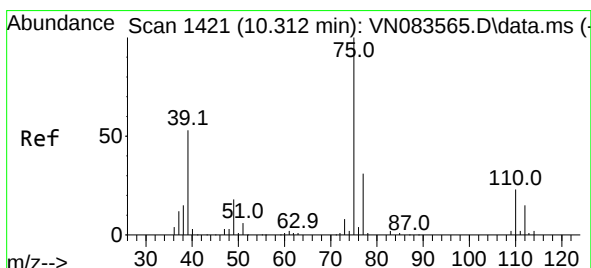
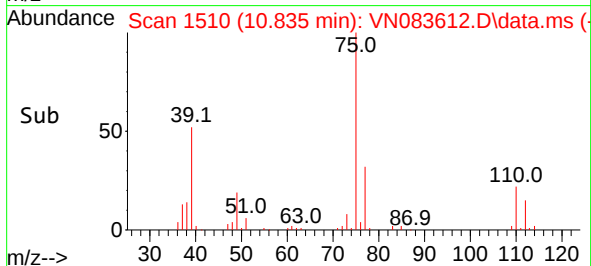
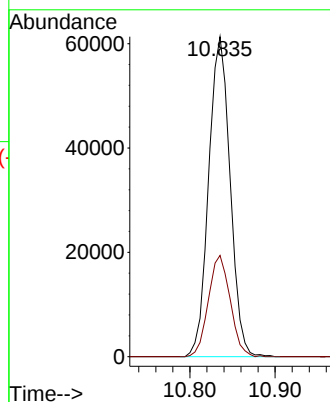
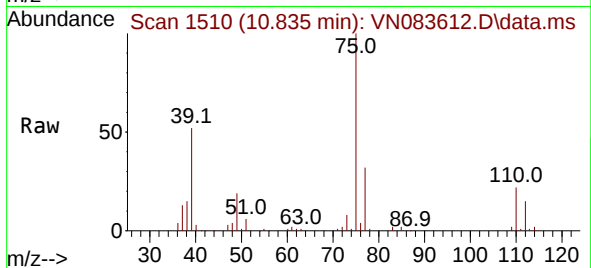
ClientSampleId :

Tgt Ion: 75 Resp: 107331

Ion Ratio Lower Upper

75 100

77 31.7 25.8 38.6



#54

cis-1,3-Dichloropropene

Concen: 53.288 ug/l

RT: 10.312 min Scan# 1421

Delta R.T. 0.000 min

Lab File: VN083612.D

Acq: 31 Aug 2024 12:08

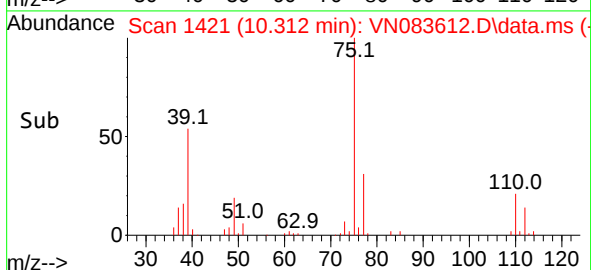
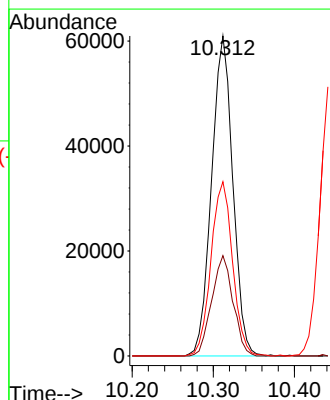
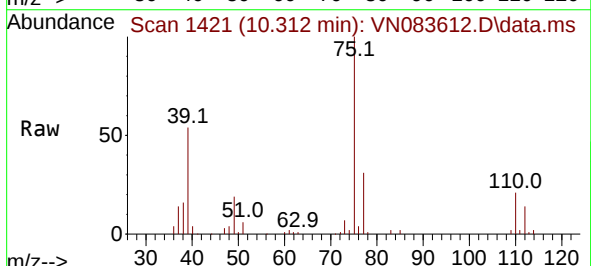
Tgt Ion: 75 Resp: 110890

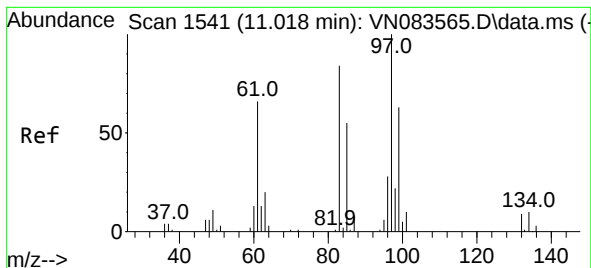
Ion Ratio Lower Upper

75 100

77 31.4 25.0 37.6

39 54.4 42.6 64.0





#55

1,1,2-Trichloroethane

Concen: 66.544 ug/l

RT: 11.018 min Scan# 11

Delta R.T. 0.000 min

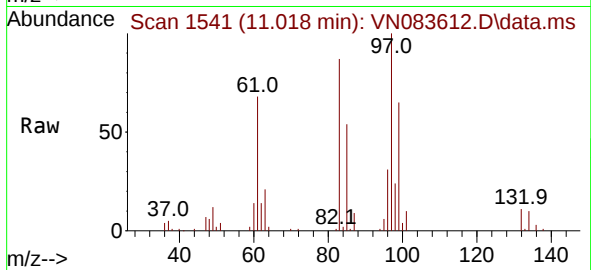
Lab File: VN083612.D

Acq: 31 Aug 2024 12:08

Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion: 97 Resp: 77760

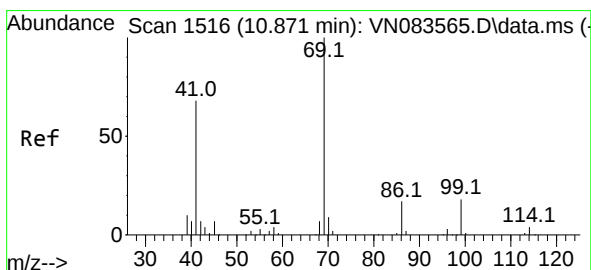
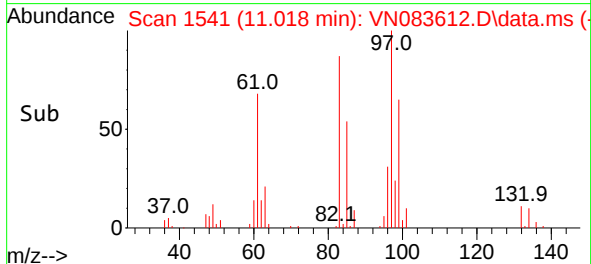
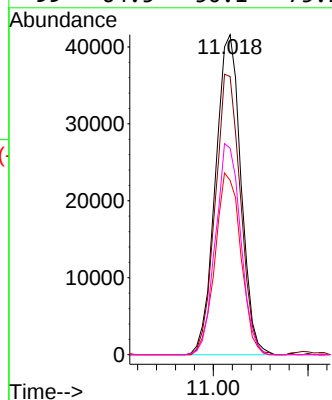
Ion Ratio Lower Upper

97 100

83 86.9 67.5 101.3

85 54.5 44.2 66.2

99 64.5 50.1 75.1



#56

Ethyl methacrylate

Concen: 70.813 ug/l

RT: 10.876 min Scan# 1517

Delta R.T. 0.006 min

Lab File: VN083612.D

Acq: 31 Aug 2024 12:08

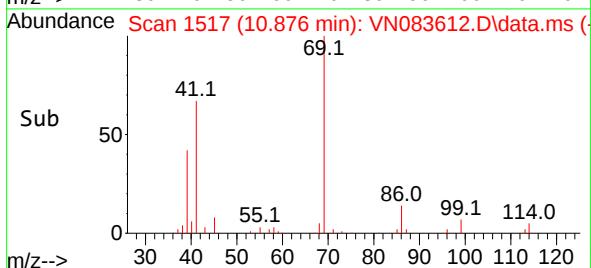
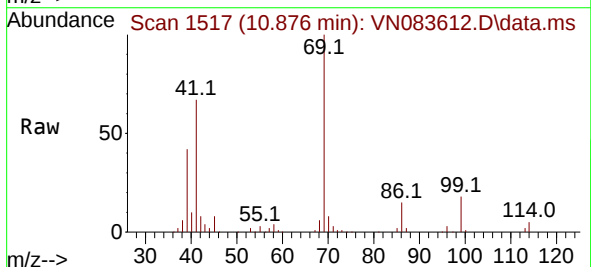
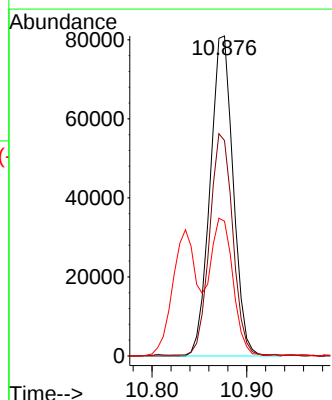
Tgt Ion: 69 Resp: 136892

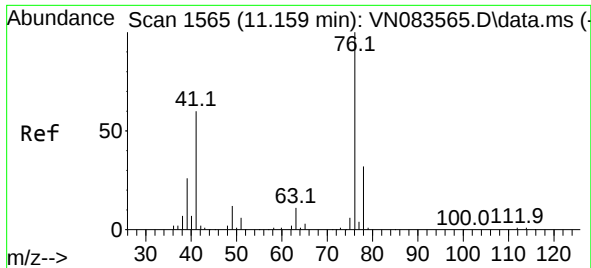
Ion Ratio Lower Upper

69 100

41 69.3 53.9 80.9

39 42.2 32.6 48.8





#57

1,3-Dichloropropane

Concen: 66.812 ug/l

RT: 11.165 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN083612.D

Acq: 31 Aug 2024 12:08

Instrument :

MSVOA_N

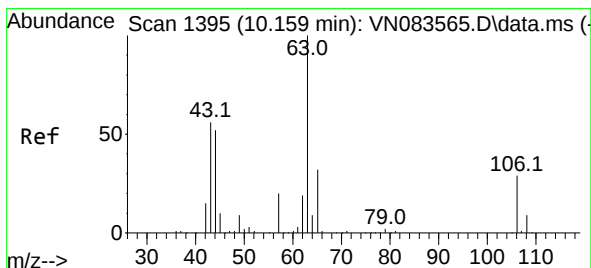
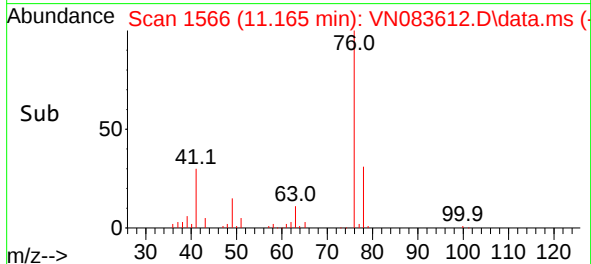
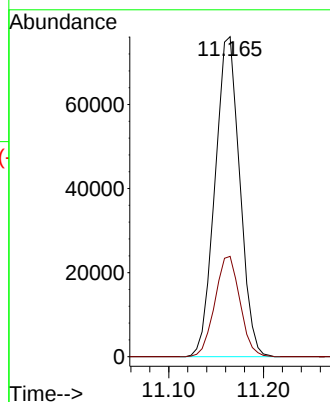
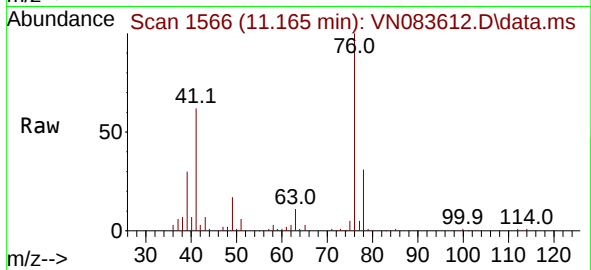
ClientSampleId :

Tgt Ion: 76 Resp: 138220

Ion Ratio Lower Upper

76 100

78 31.7 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 355.539 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. 0.000 min

Lab File: VN083612.D

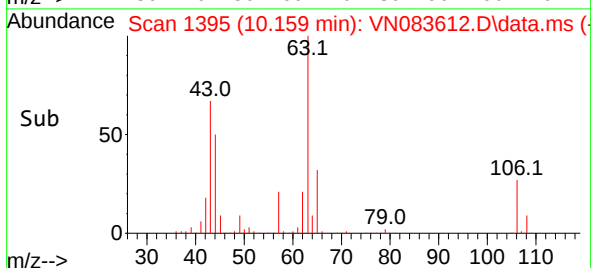
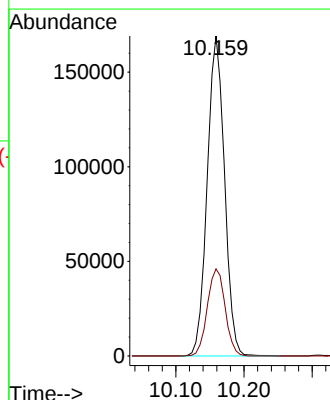
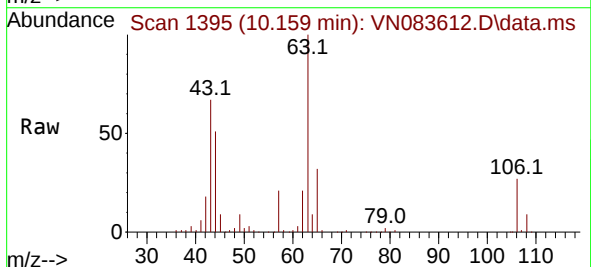
Acq: 31 Aug 2024 12:08

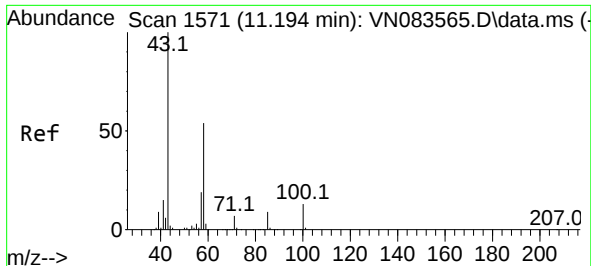
Tgt Ion: 63 Resp: 298647

Ion Ratio Lower Upper

63 100

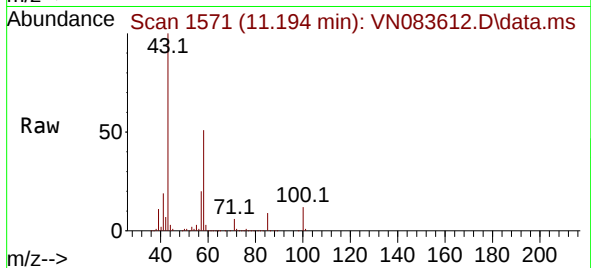
106 28.0 23.3 34.9



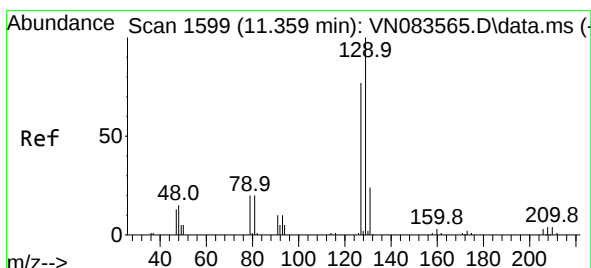
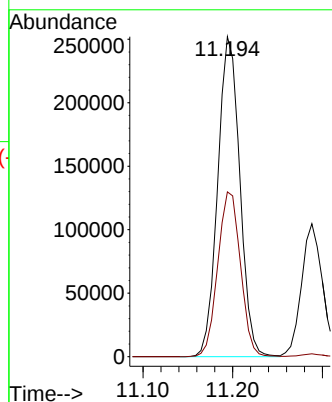
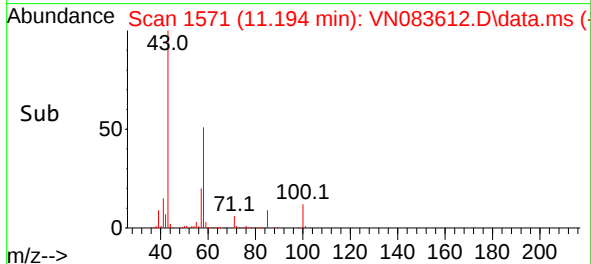


#59
2-Hexanone
Concen: 365.040 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN083612.D
Acq: 31 Aug 2024 12:08

Instrument :
MSVOA_N
ClientSampleId :

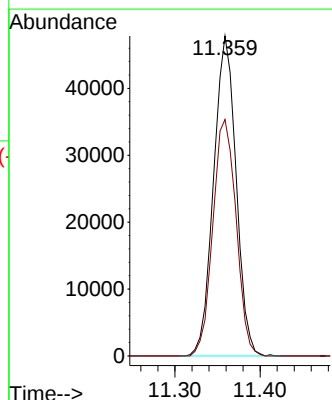
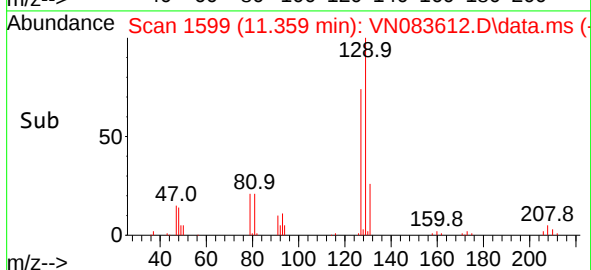
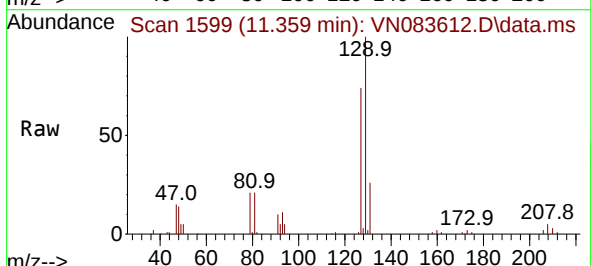


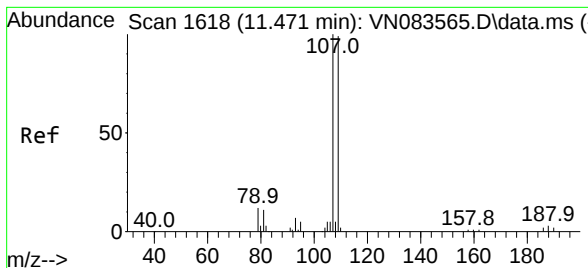
Tgt Ion: 43 Resp: 431343
Ion Ratio Lower Upper
43 100
58 52.9 27.2 81.5



#60
Dibromochloromethane
Concen: 64.704 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN083612.D
Acq: 31 Aug 2024 12:08

Tgt Ion: 129 Resp: 87610
Ion Ratio Lower Upper
129 100
127 76.4 39.0 116.9

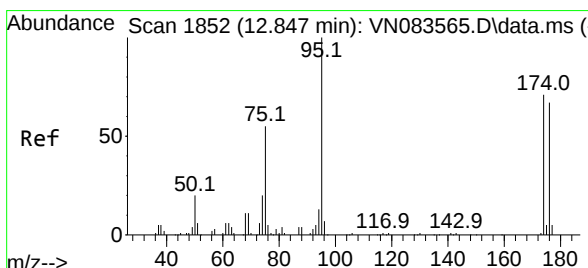
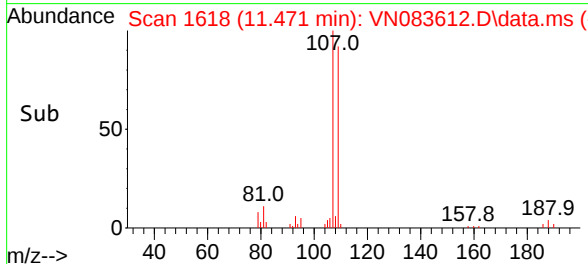
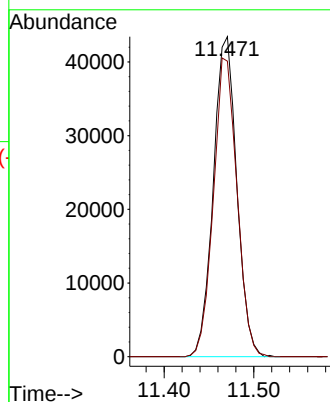
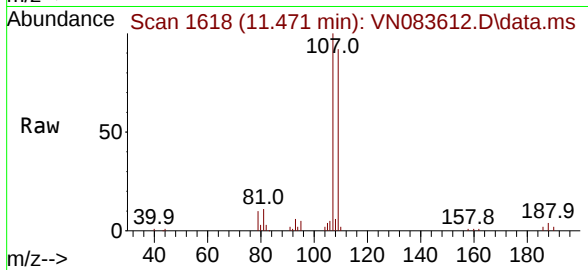




#61
1,2-Dibromoethane
Concen: 65.946 ug/l
RT: 11.471 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN083612.D
Acq: 31 Aug 2024 12:08

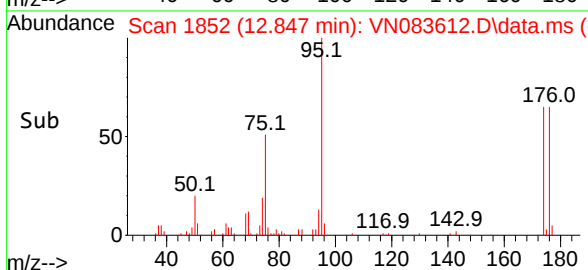
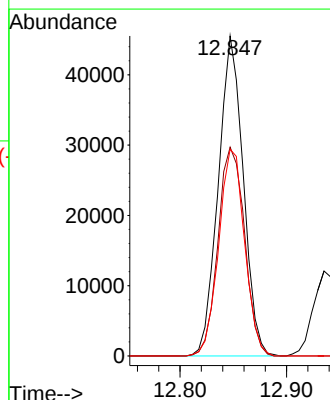
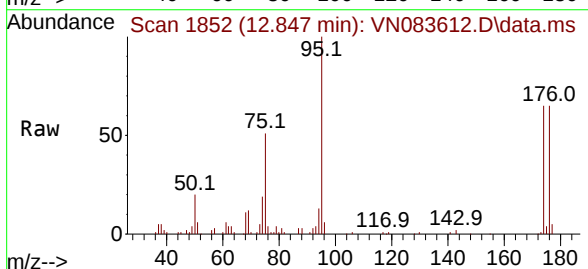
Instrument :
MSVOA_N
ClientSampleId :

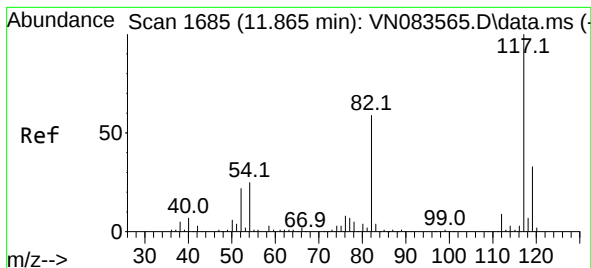
Tgt Ion:107 Resp: 78730
Ion Ratio Lower Upper
107 100
109 94.0 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 46.030 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN083612.D
Acq: 31 Aug 2024 12:08

Tgt Ion: 95 Resp: 74081
Ion Ratio Lower Upper
95 100
174 69.4 0.0 139.8
176 67.1 0.0 131.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN083612.D

Acq: 31 Aug 2024 12:08

Instrument :

MSVOA_N

ClientSampleId :

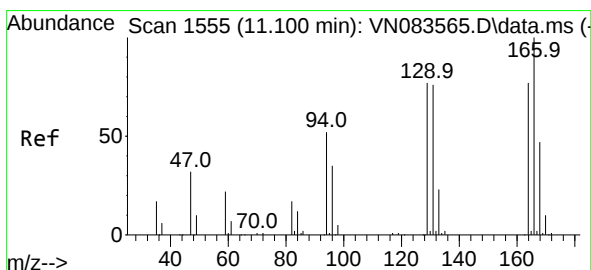
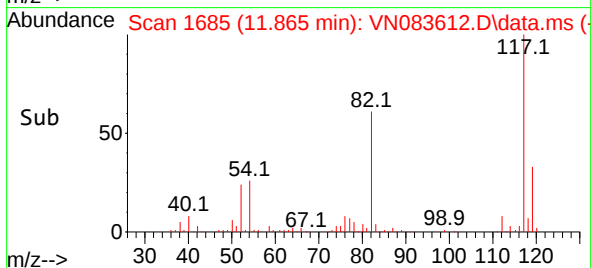
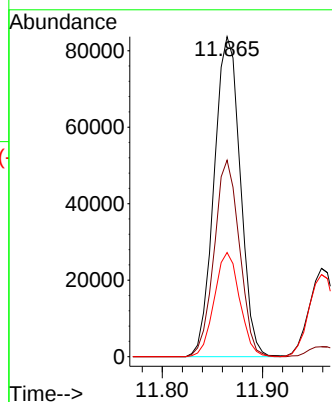
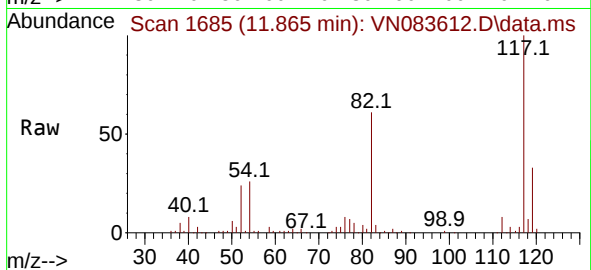
Tgt Ion:117 Resp: 151711

Ion Ratio Lower Upper

117 100

82 61.4 47.4 71.0

119 32.6 26.3 39.5



#64

Tetrachloroethene

Concen: 25.442 ug/l

RT: 11.100 min Scan# 1555

Delta R.T. 0.000 min

Lab File: VN083612.D

Acq: 31 Aug 2024 12:08

Tgt Ion:164 Resp: 25371

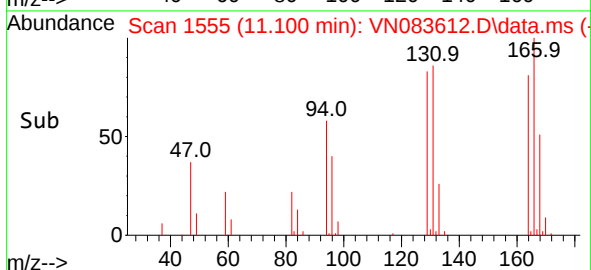
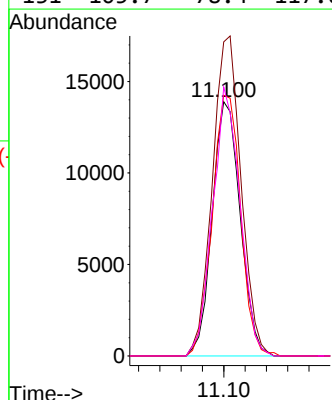
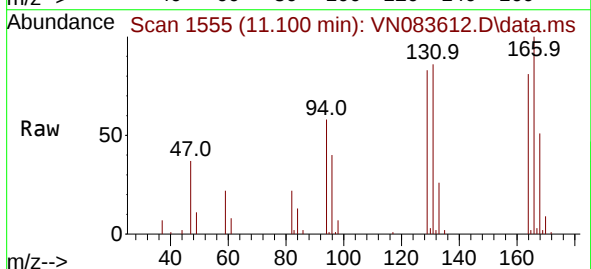
Ion Ratio Lower Upper

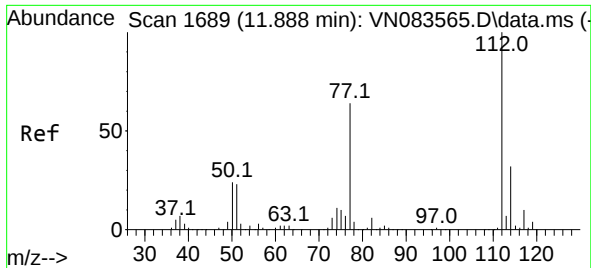
164 100

166 123.5 103.7 155.5

129 102.6 79.9 119.9

131 105.7 78.4 117.6

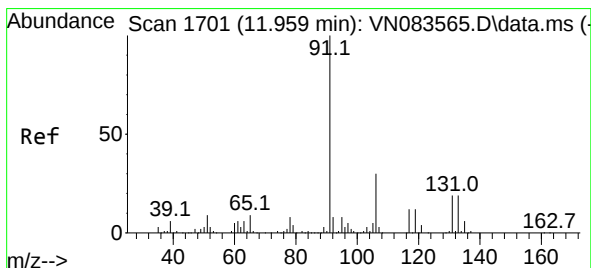
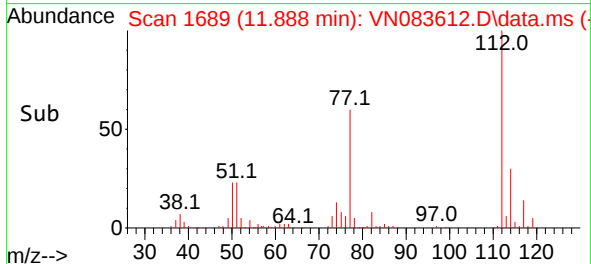
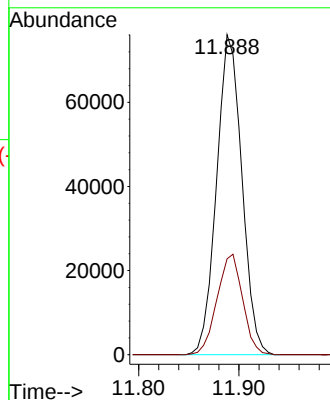
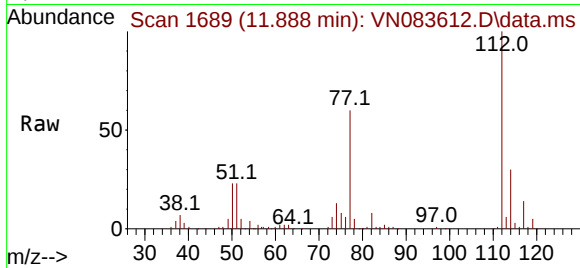




#65
Chlorobenzene
Concen: 39.028 ug/l
RT: 11.888 min Scan# 111
Delta R.T. 0.000 min
Lab File: VN083612.D
Acq: 31 Aug 2024 12:08

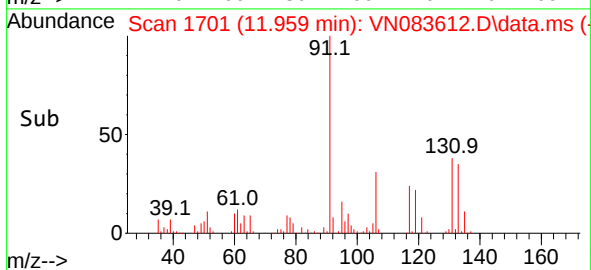
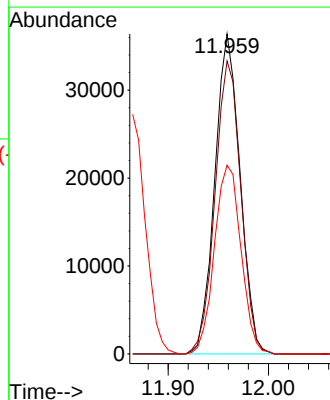
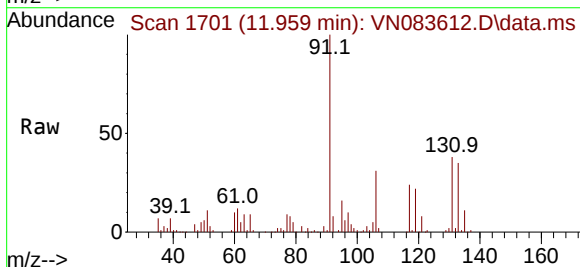
Instrument :
MSVOA_N
ClientSampleId :

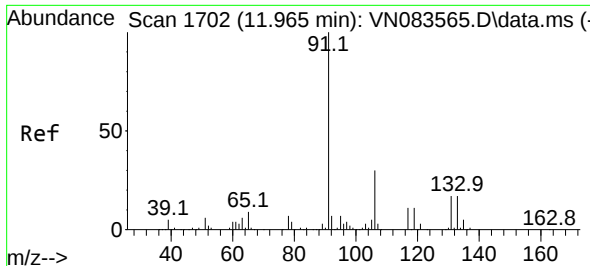
Tgt Ion:112 Resp: 132785
Ion Ratio Lower Upper
112 100
114 30.0 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 55.467 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN083612.D
Acq: 31 Aug 2024 12:08

Tgt Ion:131 Resp: 63716
Ion Ratio Lower Upper
131 100
133 93.4 47.5 142.6
119 62.0 31.6 94.8





#67

Ethyl Benzene

Concen: 28.280 ug/l

RT: 11.965 min Scan# 1702

Delta R.T. 0.000 min

Lab File: VN083612.D

Acq: 31 Aug 2024 12:08

Instrument :

MSVOA_N

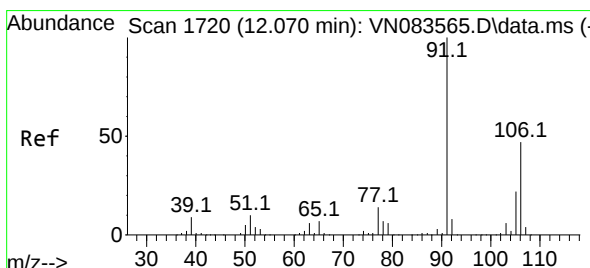
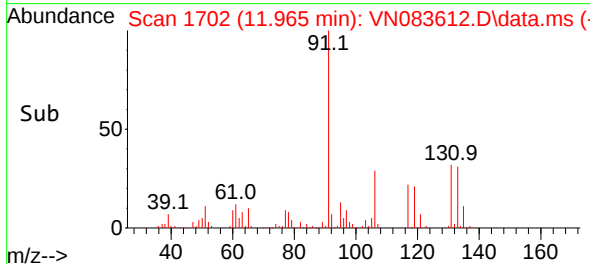
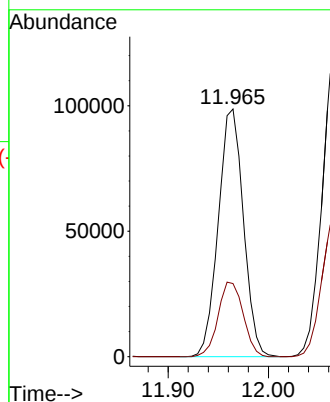
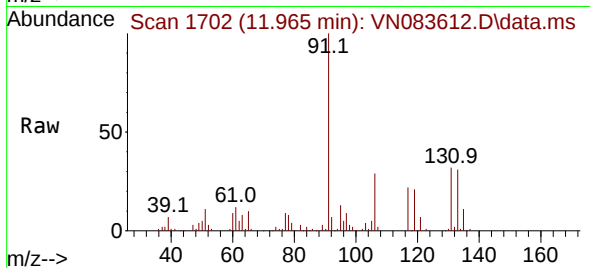
ClientSampleId :

Tgt Ion: 91 Resp: 171749

Ion Ratio Lower Upper

91 100

106 29.5 24.3 36.5



#68

m/p-Xylenes

Concen: 54.140 ug/l

RT: 12.070 min Scan# 1720

Delta R.T. 0.000 min

Lab File: VN083612.D

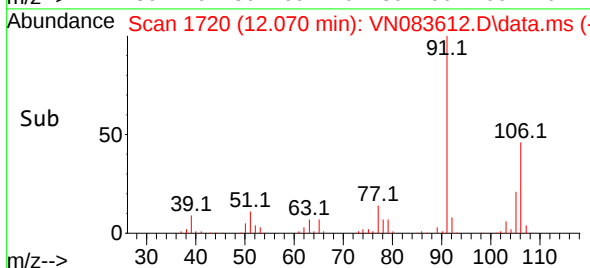
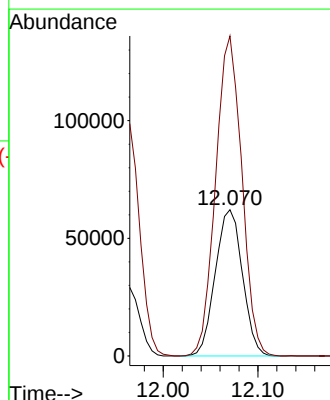
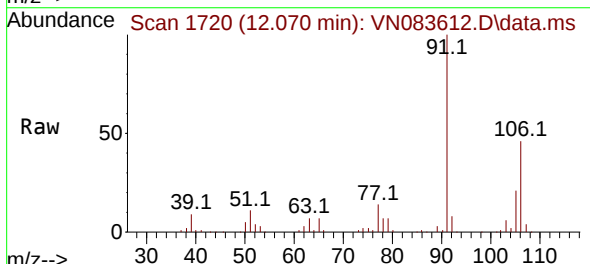
Acq: 31 Aug 2024 12:08

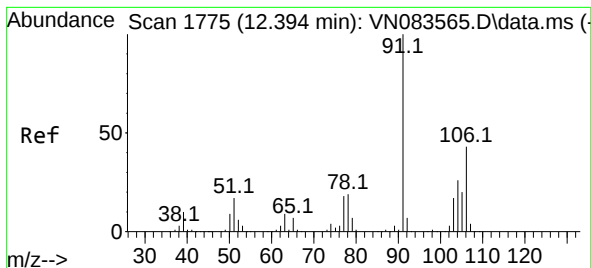
Tgt Ion:106 Resp: 123867

Ion Ratio Lower Upper

106 100

91 211.3 169.2 253.8





#69

o-Xylene

Concen: 33.639 ug/l

RT: 12.400 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN083612.D

Acq: 31 Aug 2024 12:08

Instrument :

MSVOA_N

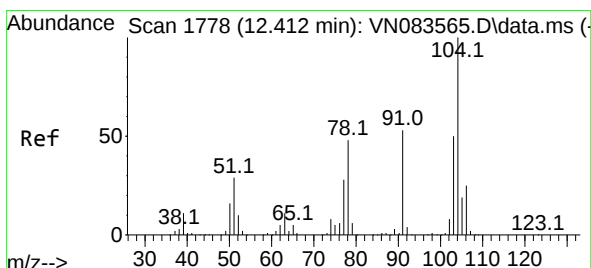
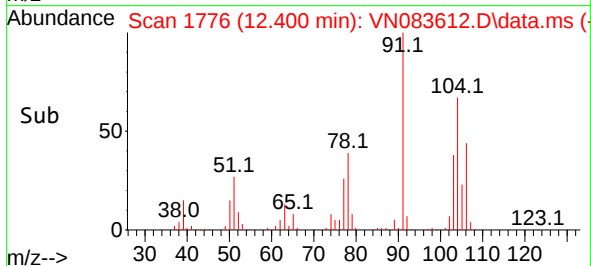
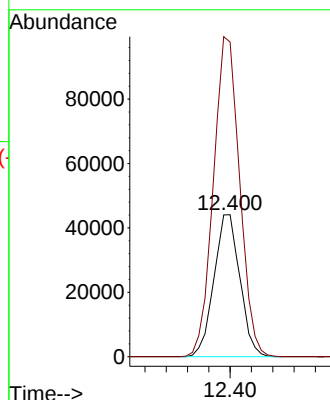
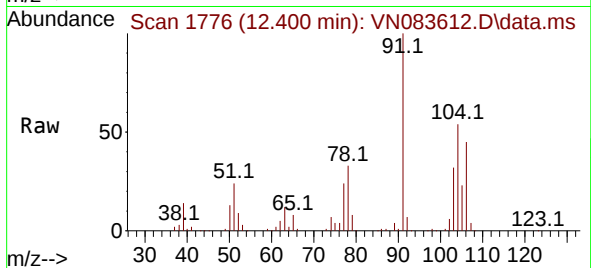
ClientSampleId :

Tgt Ion:106 Resp: 74386

Ion Ratio Lower Upper

106 100

91 228.3 112.9 338.6



#70

Styrene

Concen: 36.657 ug/l

RT: 12.412 min Scan# 1778

Delta R.T. 0.000 min

Lab File: VN083612.D

Acq: 31 Aug 2024 12:08

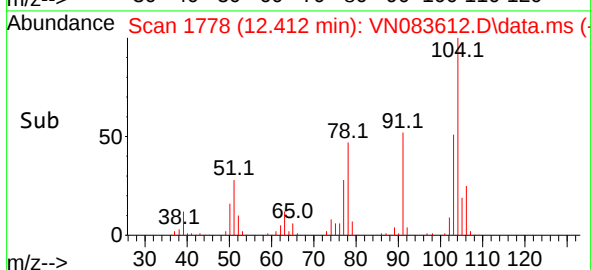
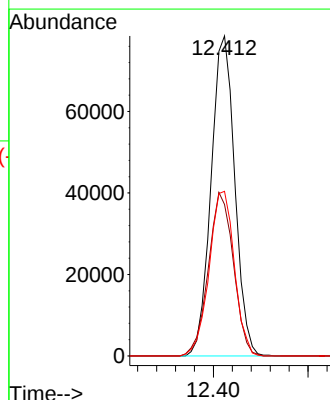
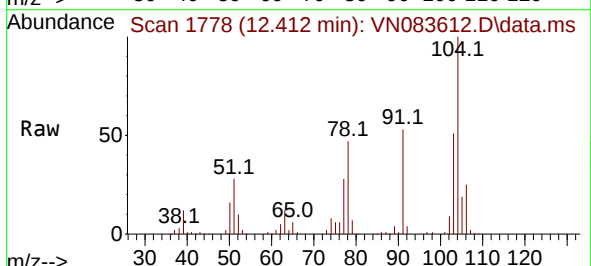
Tgt Ion:104 Resp: 136294

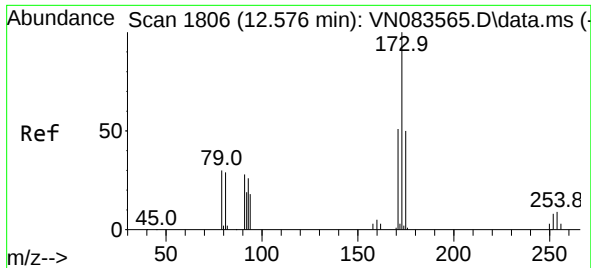
Ion Ratio Lower Upper

104 100

78 54.0 43.3 64.9

103 54.6 43.4 65.2

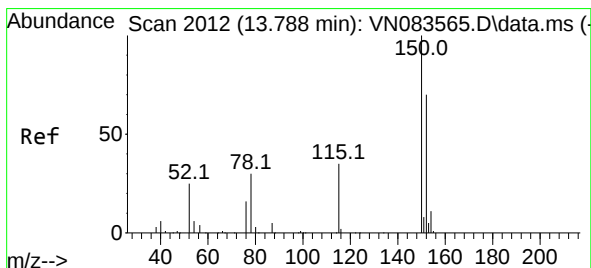
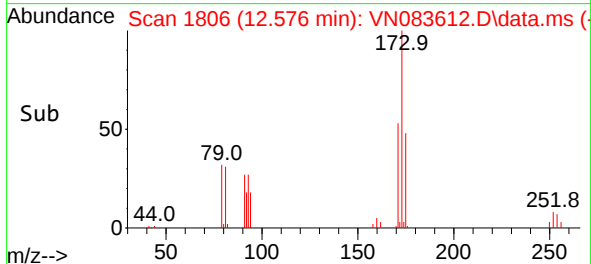
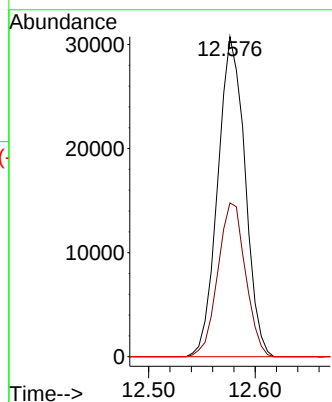
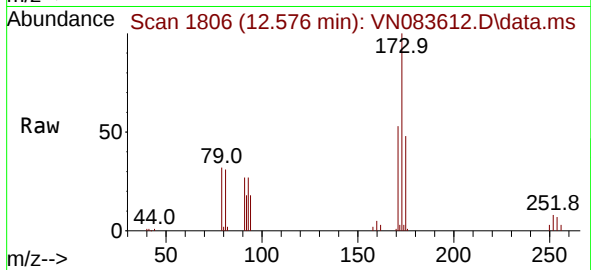




#71
Bromoform
Concen: 66.701 ug/l
RT: 12.576 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN083612.D
Acq: 31 Aug 2024 12:08

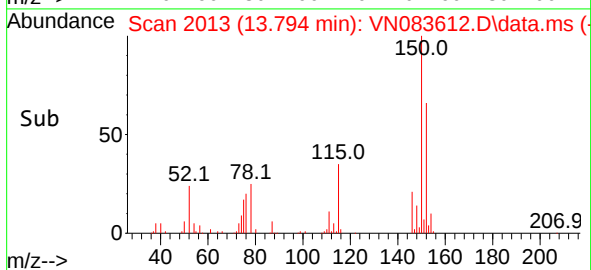
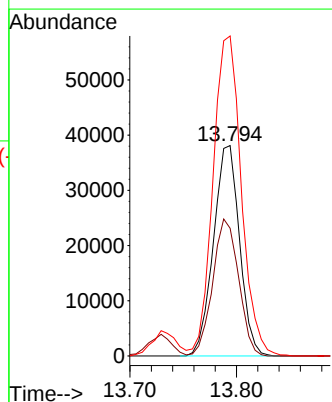
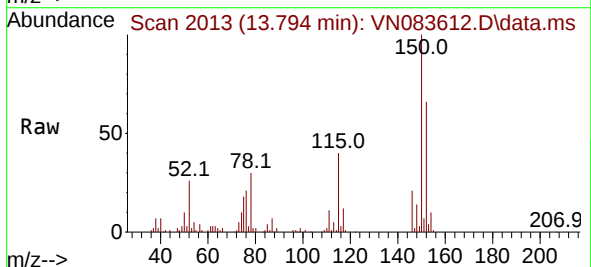
Instrument :
MSVOA_N
ClientSampleId :

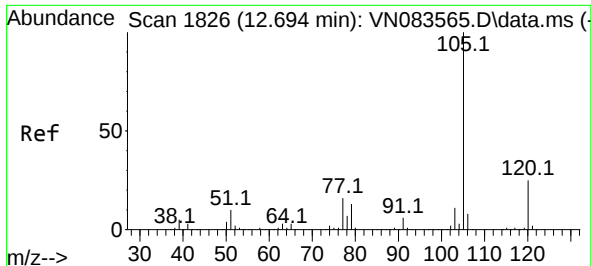
Tgt Ion:173 Resp: 54575
Ion Ratio Lower Upper
173 100
175 48.8 24.1 72.2
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.006 min
Lab File: VN083612.D
Acq: 31 Aug 2024 12:08

Tgt Ion:152 Resp: 64704
Ion Ratio Lower Upper
152 100
115 64.6 32.2 96.6
150 164.9 0.0 348.6

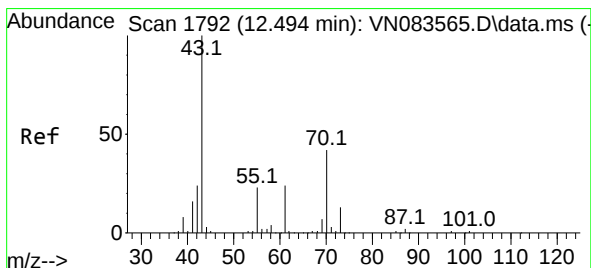
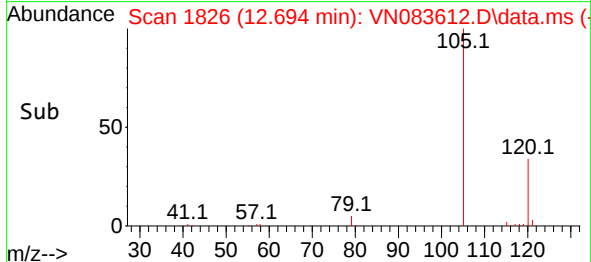
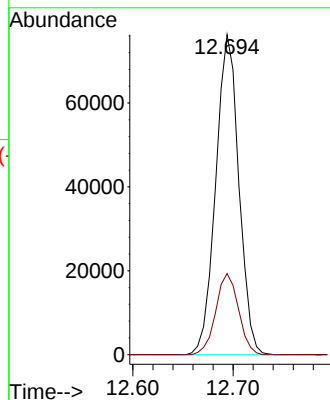
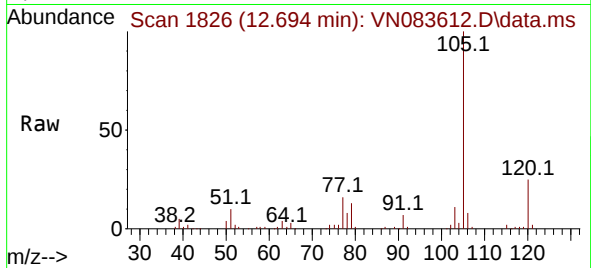




#73
Isopropylbenzene
Concen: 23.297 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN083612.D
Acq: 31 Aug 2024 12:08

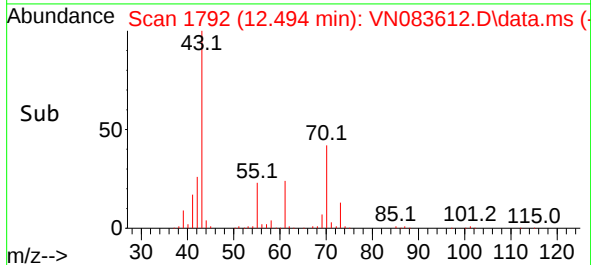
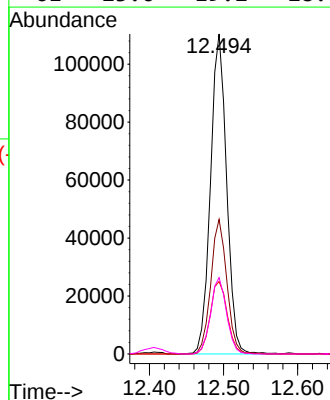
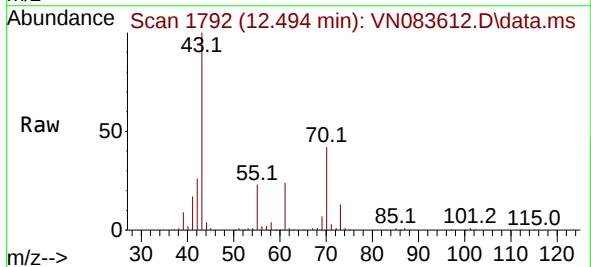
Instrument :
MSVOA_N
ClientSampleId :

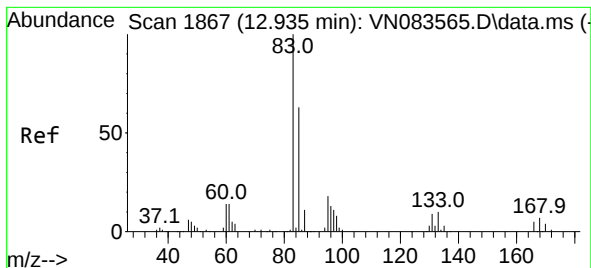
Tgt Ion:105 Resp: 122004
Ion Ratio Lower Upper
105 100
120 24.9 12.6 37.8



#74
N-ethyl acetate
Concen: 73.388 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN083612.D
Acq: 31 Aug 2024 12:08

Tgt Ion: 43 Resp: 166817
Ion Ratio Lower Upper
43 100
70 41.8 34.5 51.7
55 24.0 18.6 28.0
61 23.6 19.2 28.8

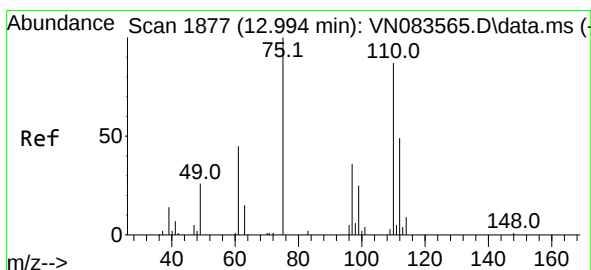
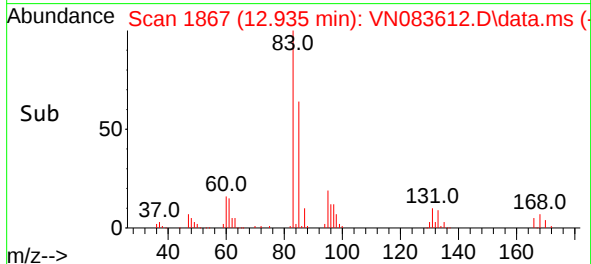
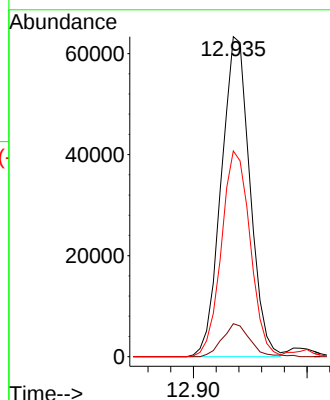
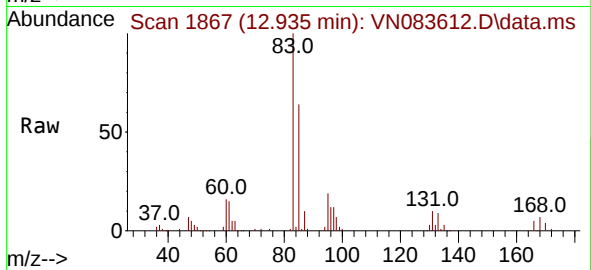




#75
1,1,2,2-Tetrachloroethane
Concen: 74.612 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN083612.D
Acq: 31 Aug 2024 12:08

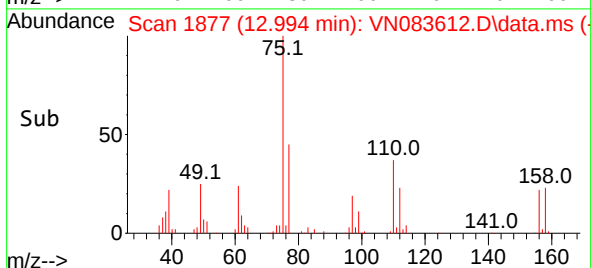
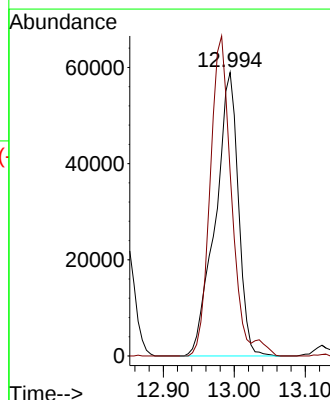
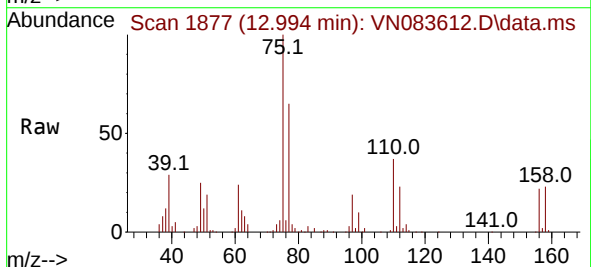
Instrument :
MSVOA_N
ClientSampleId :

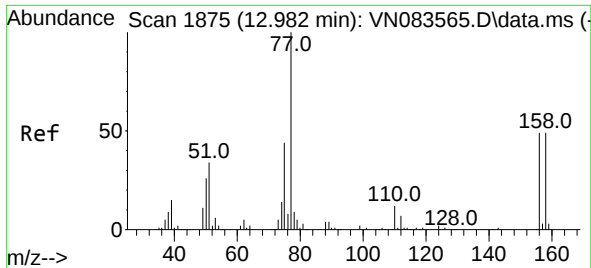
Tgt Ion: 83 Resp: 110929
Ion Ratio Lower Upper
83 100
131 10.0 5.2 15.6
85 64.5 31.9 95.9



#76
1,2,3-Trichloropropane
Concen: 101.194 ug/l
RT: 12.994 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VN083612.D
Acq: 31 Aug 2024 12:08

Tgt Ion: 75 Resp: 132196
Ion Ratio Lower Upper
75 100
77 102.0 95.2 285.6

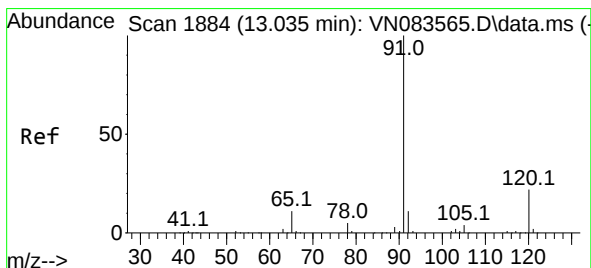
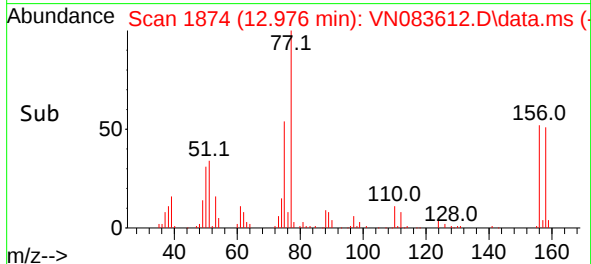
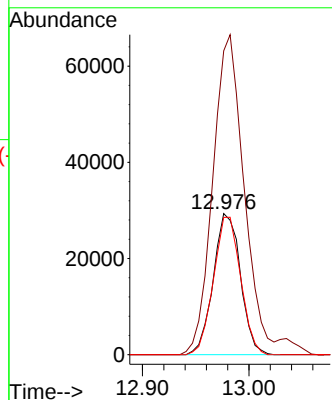
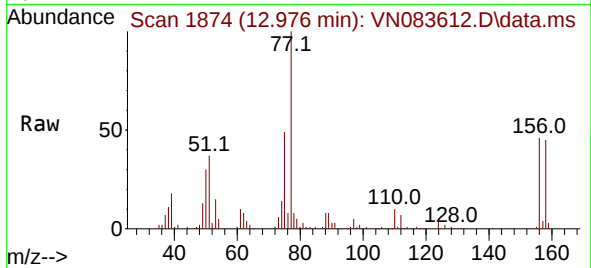




#77
Bromobenzene
Concen: 42.297 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.006 min
Lab File: VN083612.D
Acq: 31 Aug 2024 12:08

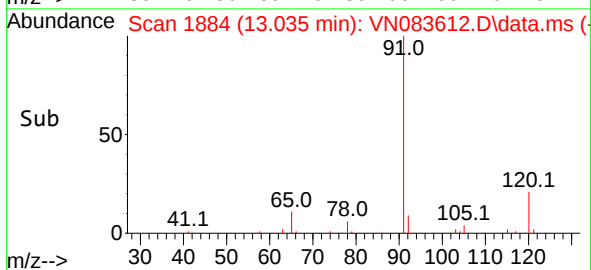
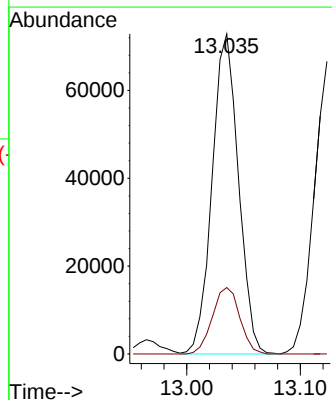
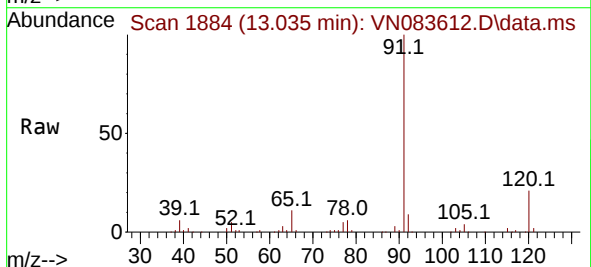
Instrument :
MSVOA_N
ClientSampleId :

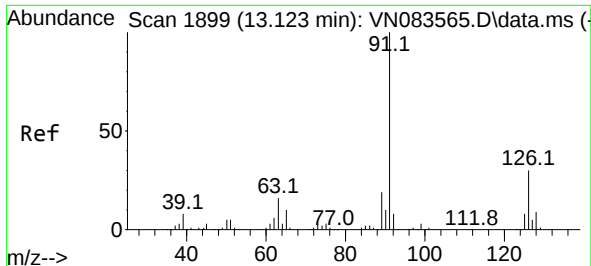
Tgt Ion:156 Resp: 51968
Ion Ratio Lower Upper
156 100
77 259.6 114.3 343.1
158 97.6 48.9 146.7



#78
n-propylbenzene
Concen: 19.373 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN083612.D
Acq: 31 Aug 2024 12:08

Tgt Ion: 91 Resp: 117302
Ion Ratio Lower Upper
91 100
120 21.5 11.0 33.0

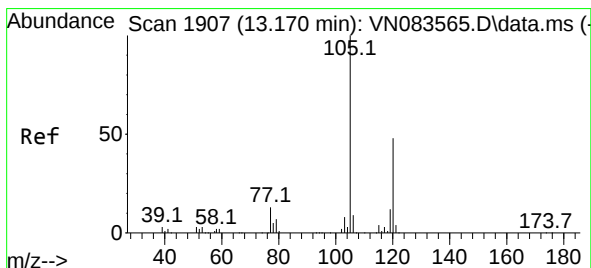
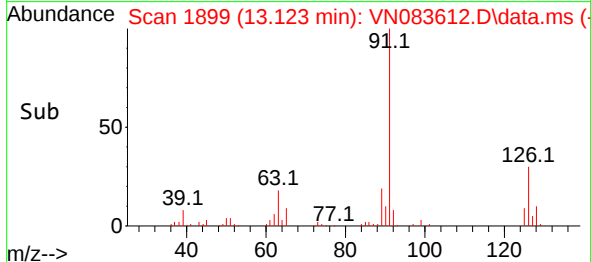
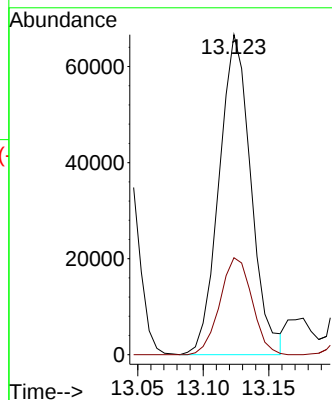
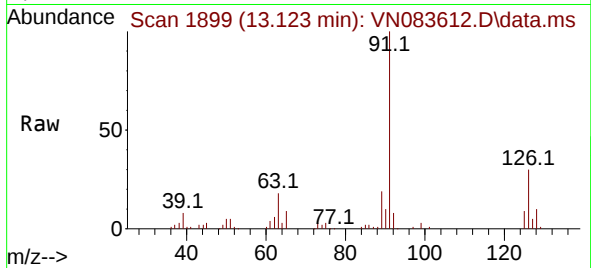




#79
2-Chlorotoluene
Concen: 28.735 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN083612.D
Acq: 31 Aug 2024 12:08

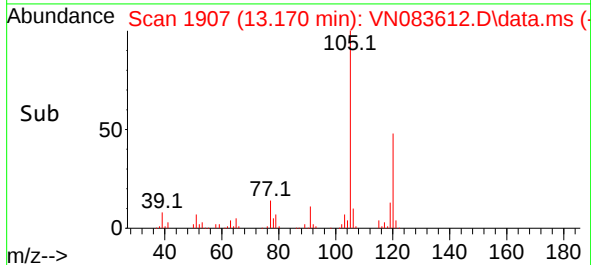
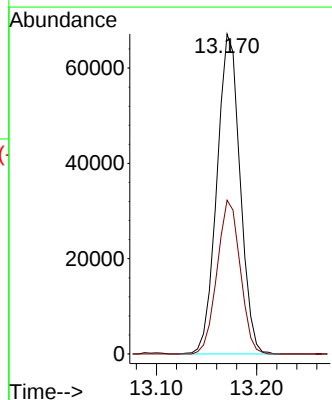
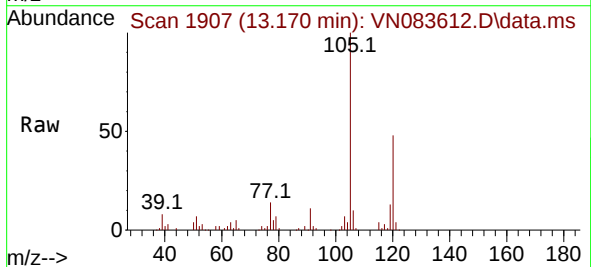
Instrument :
MSVOA_N
ClientSampleId :

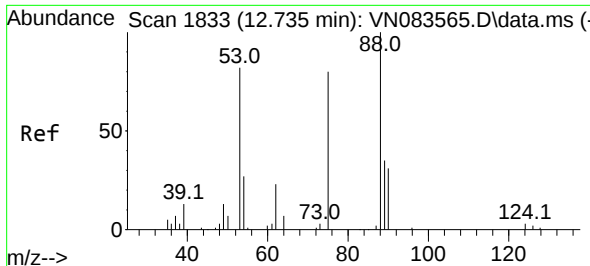
Tgt Ion: 91 Resp: 112745
Ion Ratio Lower Upper
91 100
126 30.4 15.4 46.2



#80
1,3,5-Trimethylbenzene
Concen: 24.366 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VN083612.D
Acq: 31 Aug 2024 12:08

Tgt Ion: 105 Resp: 107496
Ion Ratio Lower Upper
105 100
120 47.9 23.4 70.3

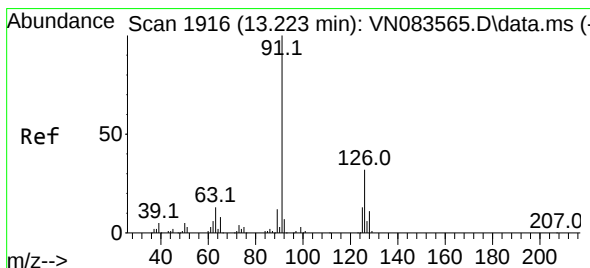
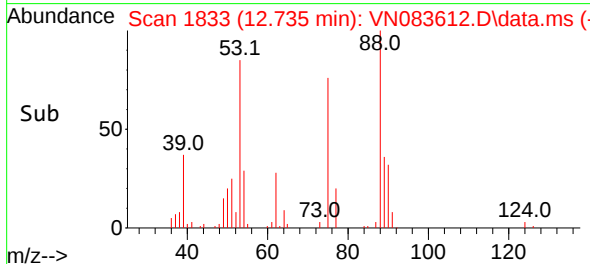
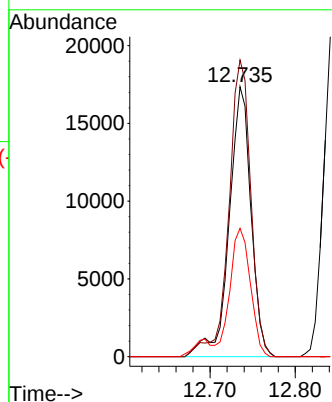
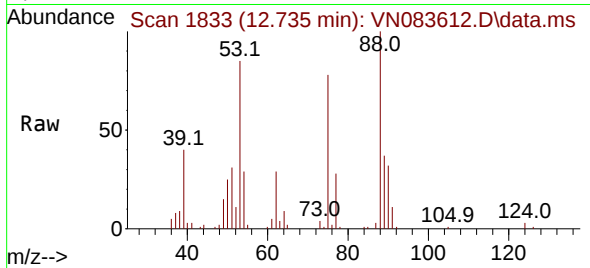




#81
trans-1,4-Dichloro-2-butene
Concen: 55.819 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN083612.D
Acq: 31 Aug 2024 12:08

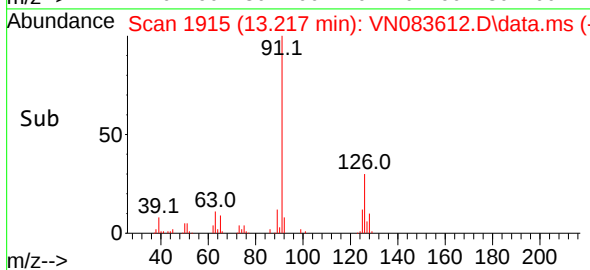
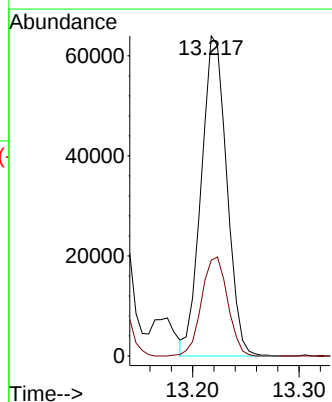
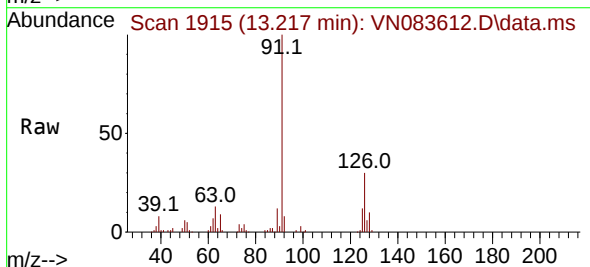
Instrument :
MSVOA_N
ClientSampleId :

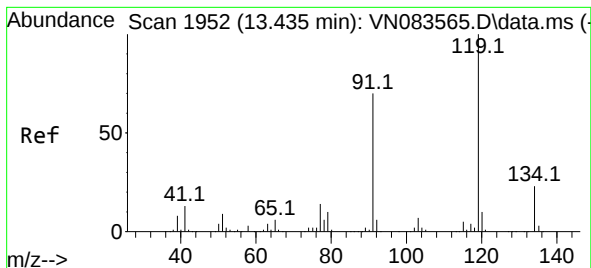
Tgt Ion	Ratio	Lower	Upper
75	100		
53	110.7	81.2	121.8
89	44.3	35.7	53.5



#82
4-Chlorotoluene
Concen: 26.747 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.006 min
Lab File: VN083612.D
Acq: 31 Aug 2024 12:08

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.6	15.4	46.2

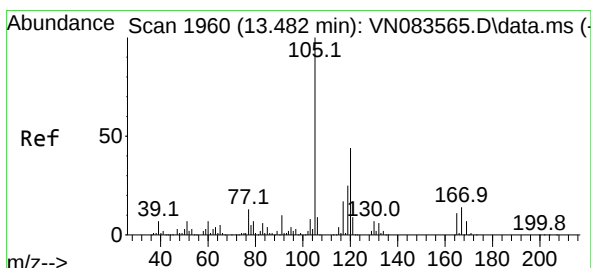
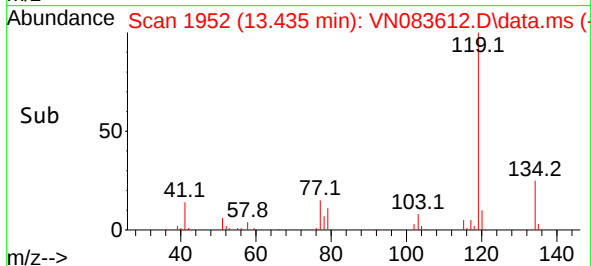
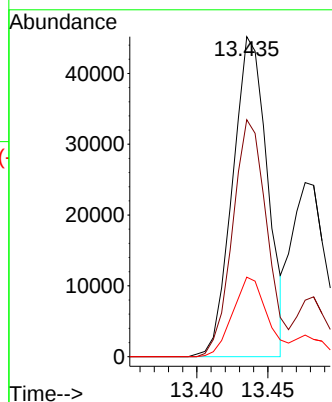
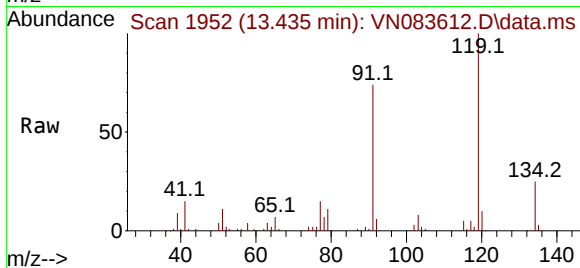




#83
 tert-Butylbenzene
 Concen: 19.697 ug/l
 RT: 13.435 min Scan# 1952
 Delta R.T. 0.000 min
 Lab File: VN083612.D
 Acq: 31 Aug 2024 12:08

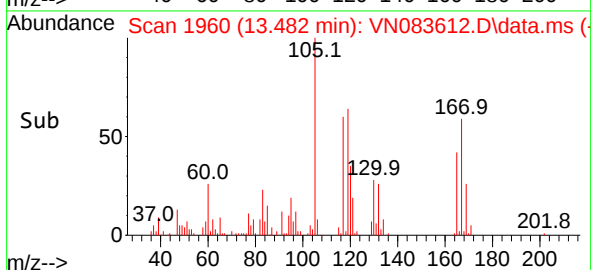
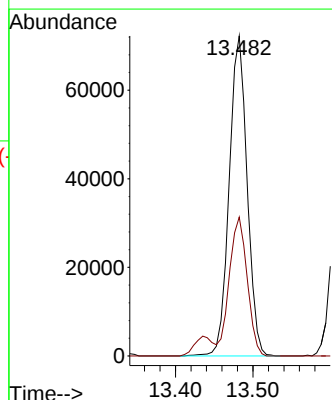
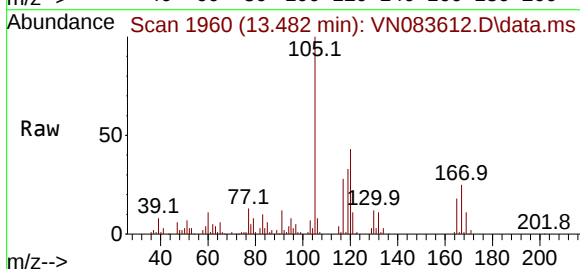
Instrument :
 MSVOA_N
 ClientSampleId :

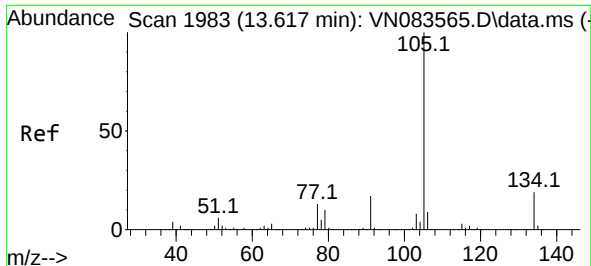
Tgt Ion:119 Resp: 77257
 Ion Ratio Lower Upper
 119 100
 91 73.2 34.5 103.6
 134 24.9 12.8 38.4



#84
 1,2,4-Trimethylbenzene
 Concen: 26.194 ug/l
 RT: 13.482 min Scan# 1960
 Delta R.T. 0.000 min
 Lab File: VN083612.D
 Acq: 31 Aug 2024 12:08

Tgt Ion:105 Resp: 116318
 Ion Ratio Lower Upper
 105 100
 120 43.3 21.8 65.4

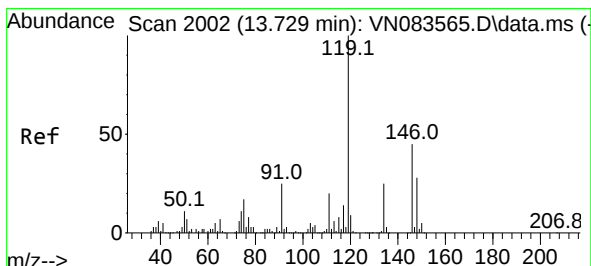
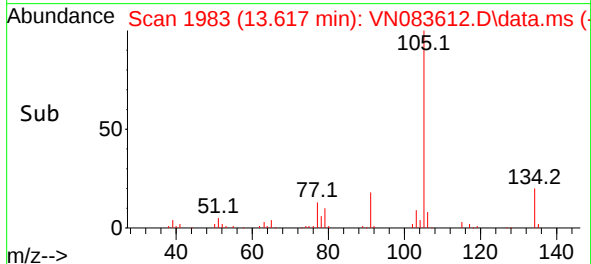
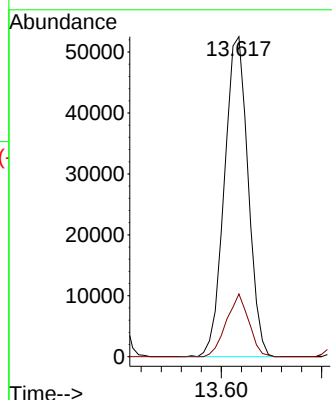
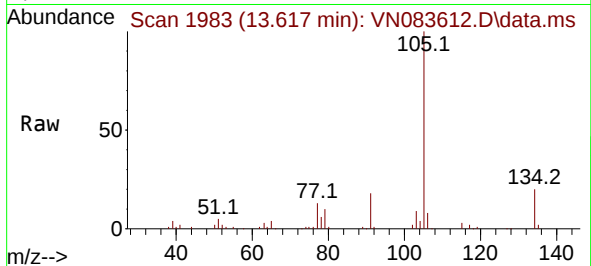




#85
 sec-Butylbenzene
 Concen: 16.515 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN083612.D
 Acq: 31 Aug 2024 12:08

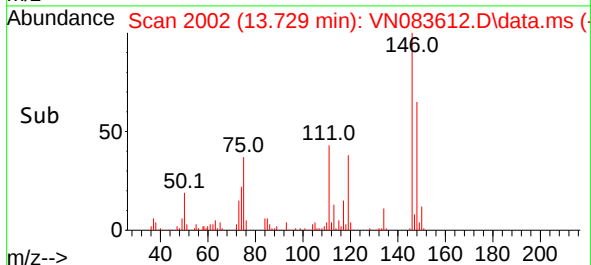
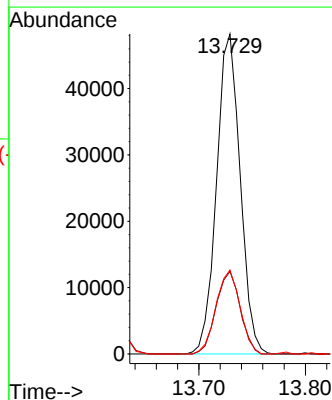
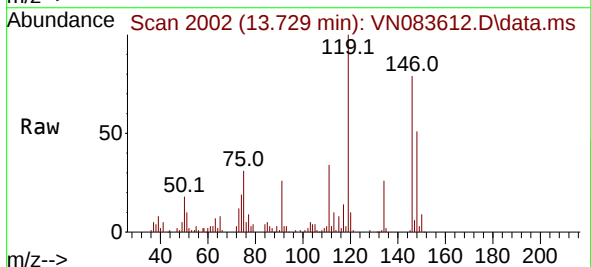
Instrument :
 MSVOA_N
 ClientSampleId :

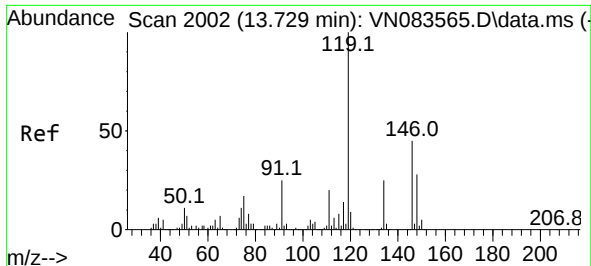
Tgt Ion:105 Resp: 86097
 Ion Ratio Lower Upper
 105 100
 134 18.6 9.7 29.1



#86
 p-Isopropyltoluene
 Concen: 17.028 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN083612.D
 Acq: 31 Aug 2024 12:08

Tgt Ion:119 Resp: 74148
 Ion Ratio Lower Upper
 119 100
 134 26.2 12.8 38.3
 91 26.7 12.9 38.7





#87

1,3-Dichlorobenzene

Concen: 28.750 ug/l

RT: 13.735 min Scan# 2002

Delta R.T. 0.006 min

Lab File: VN083612.D

Acq: 31 Aug 2024 12:08

Instrument :

MSVOA_N

ClientSampleId :

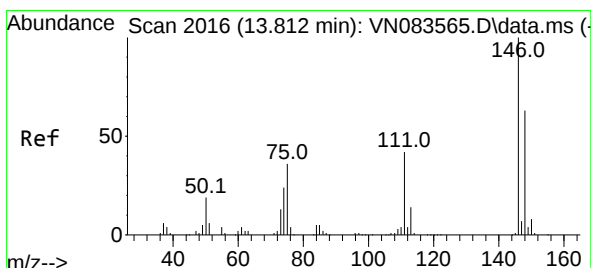
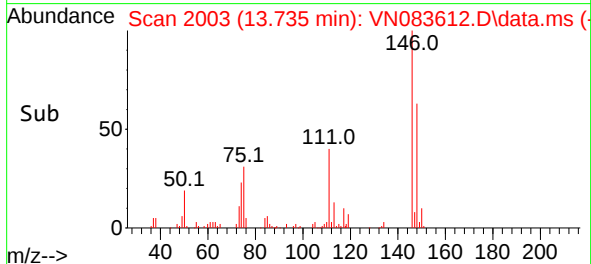
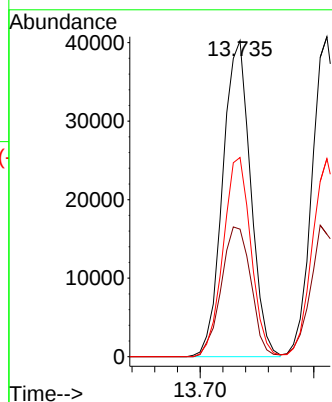
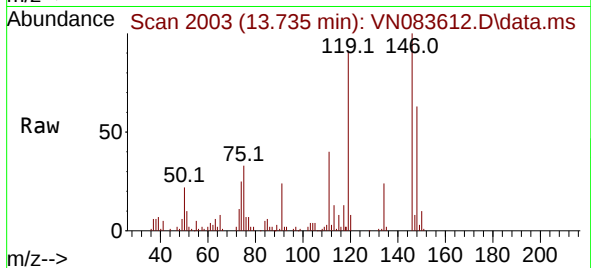
Tgt Ion:146 Resp: 68570

Ion Ratio Lower Upper

146 100

111 43.7 21.7 65.1

148 62.9 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 28.136 ug/l

RT: 13.812 min Scan# 2016

Delta R.T. 0.000 min

Lab File: VN083612.D

Acq: 31 Aug 2024 12:08

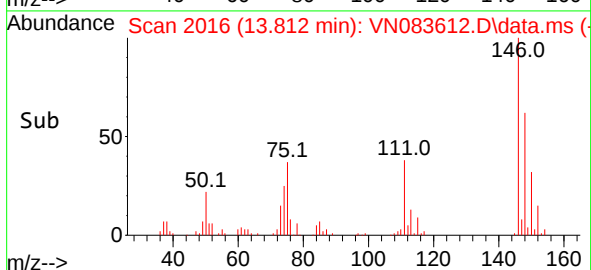
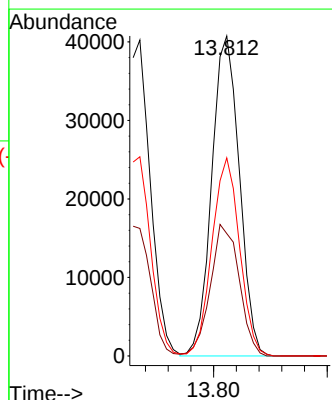
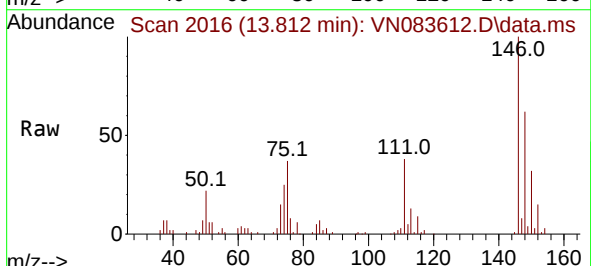
Tgt Ion:146 Resp: 68952

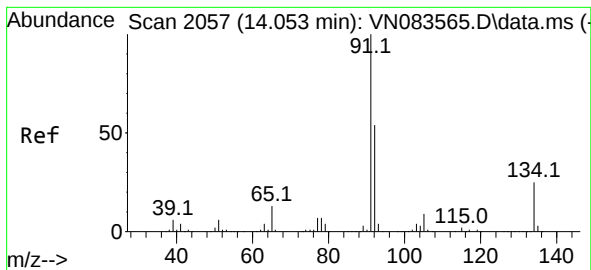
Ion Ratio Lower Upper

146 100

111 42.9 21.3 64.0

148 62.0 32.0 96.2





#89

n-Butylbenzene

Concen: 13.618 ug/l

RT: 14.053 min Scan# 2057

Delta R.T. 0.000 min

Lab File: VN083612.D

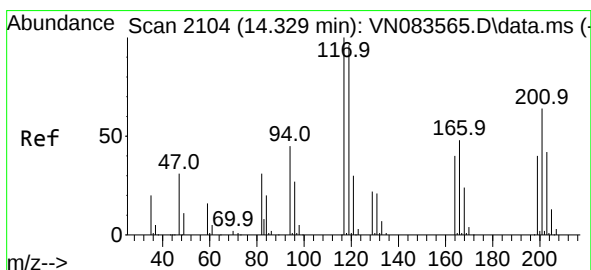
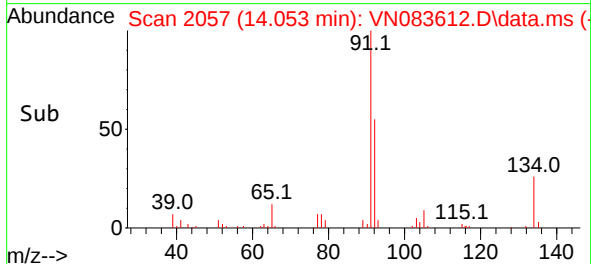
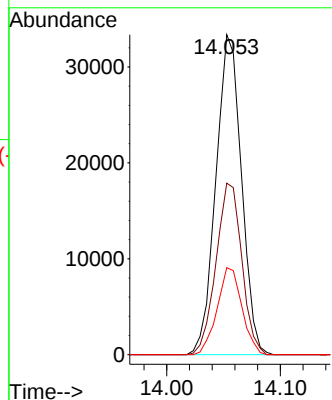
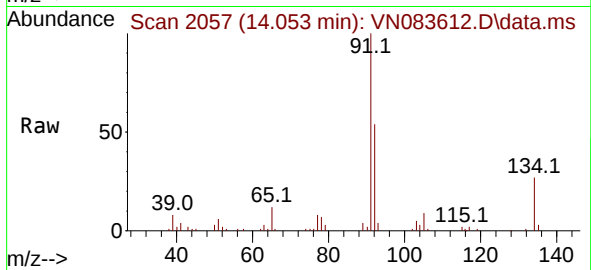
Acq: 31 Aug 2024 12:08

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion: 91	Resp: 52160
Ion Ratio	Lower Upper
91	100
92	54.0 26.7 80.1
134	26.4 12.2 36.4



#90

Hexachloroethane

Concen: 20.163 ug/l

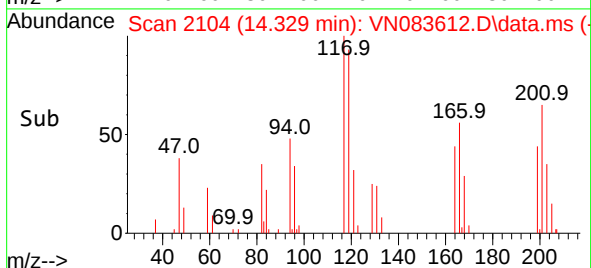
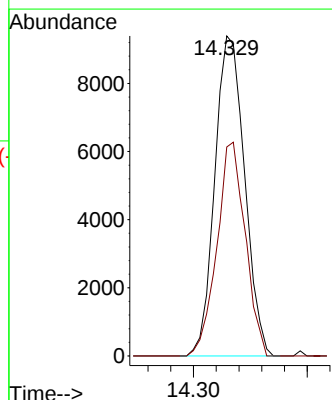
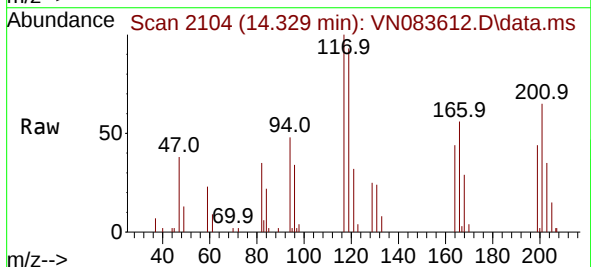
RT: 14.329 min Scan# 2104

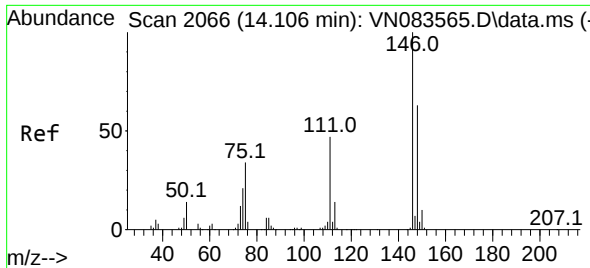
Delta R.T. 0.000 min

Lab File: VN083612.D

Acq: 31 Aug 2024 12:08

Tgt Ion: 117	Resp: 17090
Ion Ratio	Lower Upper
117	100
201	63.6 32.8 98.3

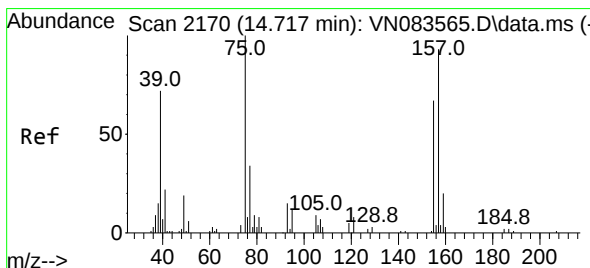
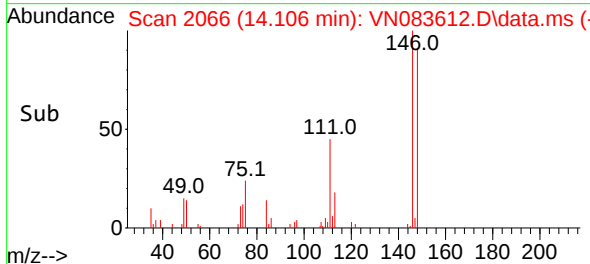
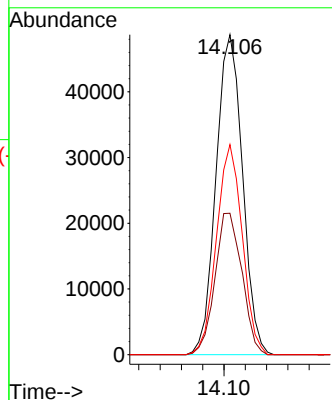
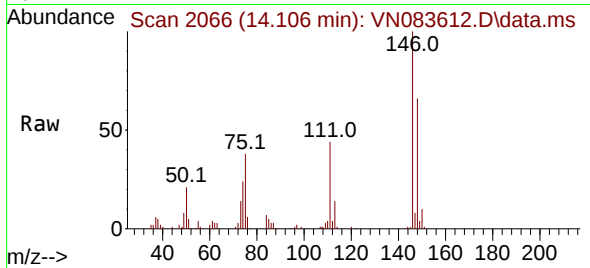




#91
1,2-Dichlorobenzene
Concen: 36.607 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VN083612.D
Acq: 31 Aug 2024 12:08

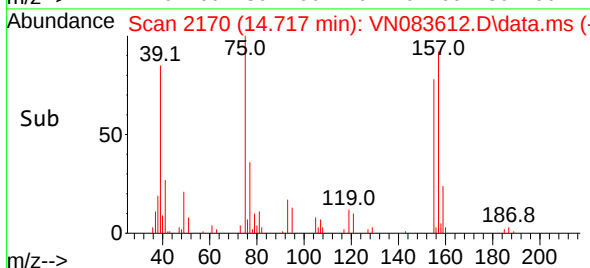
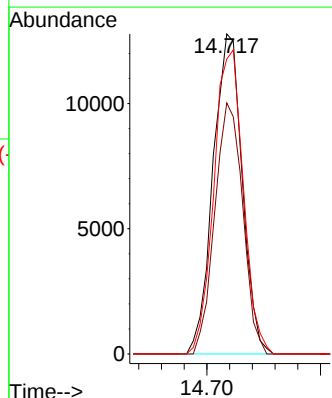
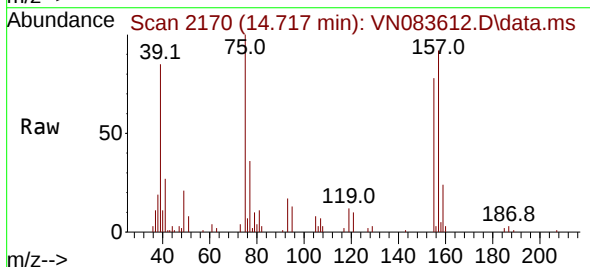
Instrument :
MSVOA_N
ClientSampleId :

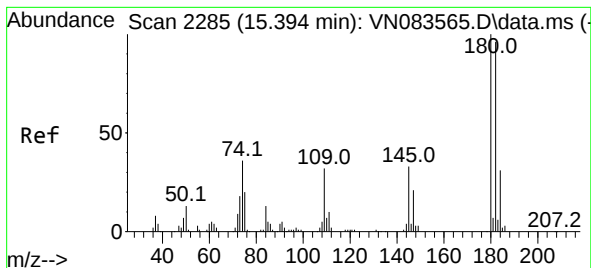
Tgt Ion:146 Resp: 84081
Ion Ratio Lower Upper
146 100
111 45.0 22.8 68.3
148 63.8 32.1 96.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 70.369 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. 0.000 min
Lab File: VN083612.D
Acq: 31 Aug 2024 12:08

Tgt Ion: 75 Resp: 22690
Ion Ratio Lower Upper
75 100
155 75.6 35.9 107.7
157 96.0 47.5 142.5





#93

1,2,4-Trichlorobenzene

Concen: 24.169 ug/l

RT: 15.388 min Scan# 21

Delta R.T. -0.006 min

Lab File: VN083612.D

Acq: 31 Aug 2024 12:08

Instrument :

MSVOA_N

ClientSampleId :

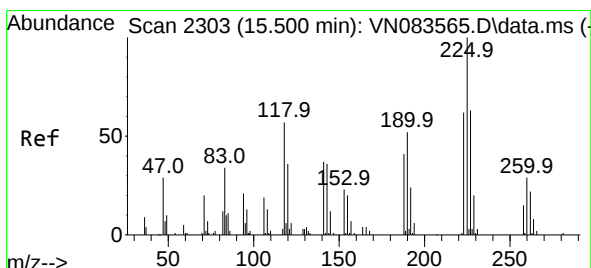
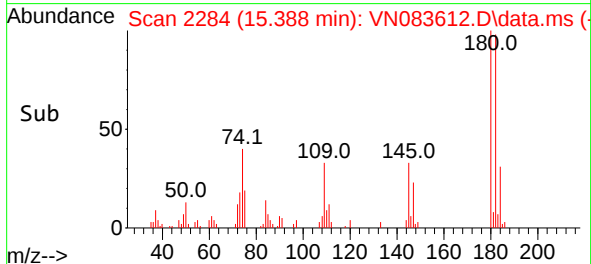
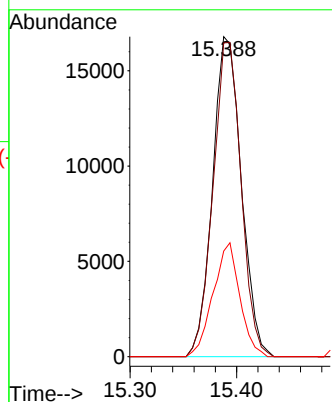
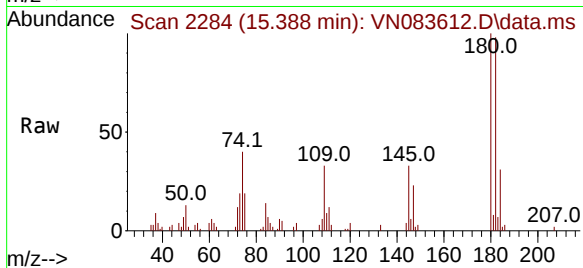
Tgt Ion:180 Resp: 31479

Ion Ratio Lower Upper

180 100

182 95.8 48.1 144.3

145 33.1 16.9 50.7



#94

Hexachlorobutadiene

Concen: 12.245 ug/l

RT: 15.500 min Scan# 2303

Delta R.T. 0.000 min

Lab File: VN083612.D

Acq: 31 Aug 2024 12:08

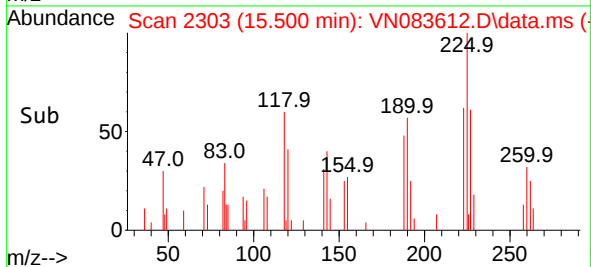
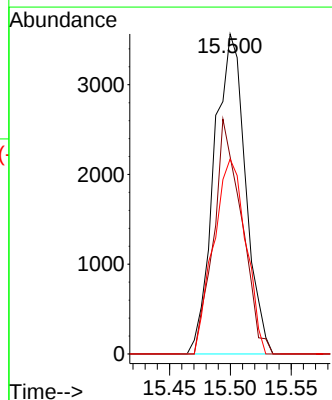
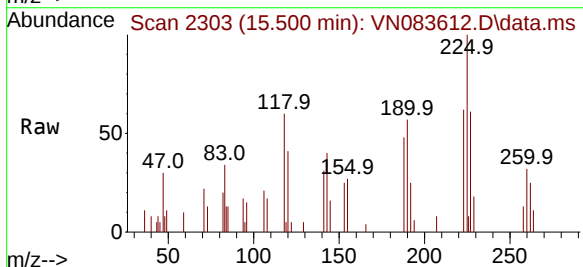
Tgt Ion:225 Resp: 6387

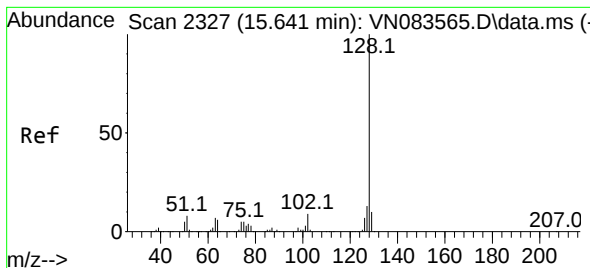
Ion Ratio Lower Upper

225 100

223 65.7 31.9 95.5

227 62.8 32.0 96.2





#95

Naphthalene

Concen: 45.031 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. 0.000 min

Lab File: VN083612.D

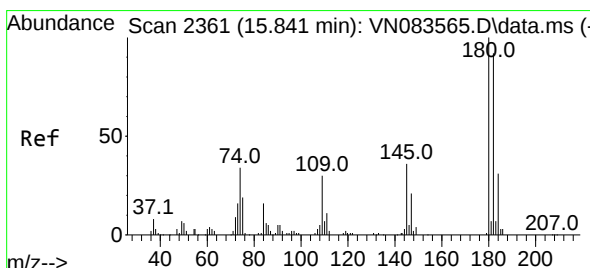
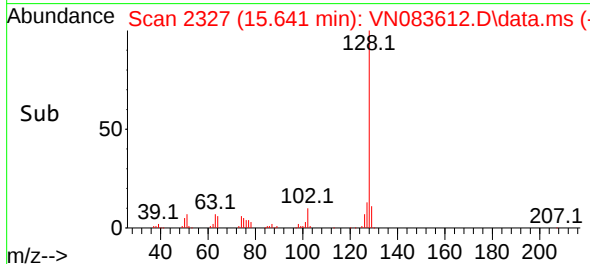
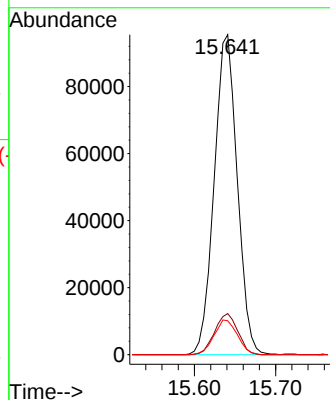
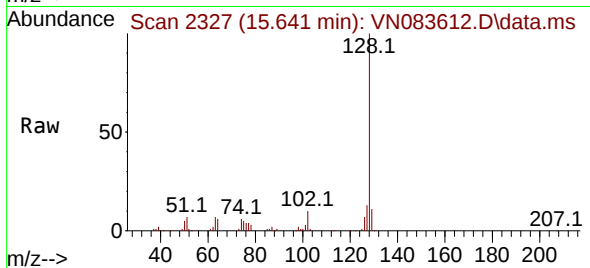
Acq: 31 Aug 2024 12:08

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:	128	Resp:	188444
Ion Ratio	Lower	Upper	
128	100		
127	12.9	10.2	15.2
129	11.0	8.7	13.1



#96

1,2,3-Trichlorobenzene

Concen: 27.930 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. 0.000 min

Lab File: VN083612.D

Acq: 31 Aug 2024 12:08

Tgt Ion:	180	Resp:	36340
Ion Ratio	Lower	Upper	
180	100		
182	97.4	47.1	141.4
145	35.9	17.8	53.5

