

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122024\
 Data File : VN085276.D
 Acq On : 20 Dec 2024 11:42
 Operator : JC\MD
 Sample : VSTDIC150
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 21 01:44:28 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N122024W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Dec 21 01:29:00 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.812	128	29871	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	167650	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	157508	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	80425	30.606	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	= 102.033%	
60) 4-Bromofluorobenzene	12.847	95	78980	30.956	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	= 103.200%	
63) Toluene-d8	10.565	98	225212	29.282	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	= 97.600%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	381612	152.790	ug/l	97
3) Chloromethane	2.353	50	362946	143.926	ug/l	98
4) Vinyl Chloride	2.506	62	380504	148.603	ug/l	100
5) Bromomethane	2.924	94	223224	149.127	ug/l	96
6) Chloroethane	3.100	64	232256	143.688	ug/l	91
7) Trichlorofluoromethane	3.489	101	521516	148.252	ug/l	98
8) Diethyl Ether	3.953	74	193189	159.461	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.365	101	303693	150.342	ug/l	97
10) 1,1-Dichloroethene	4.330	96	289766	157.023	ug/l	96
11) Methyl Iodide	4.583	142	378427	171.110	ug/l	99
12) Methyl Acetate	5.018	43	448482	162.865	ug/l	92
13) Acrolein	4.171	56	190706	775.174	ug/l	99
14) Acrylonitrile	5.712	53	865051	811.596	ug/l	100
15) Acetone	4.424	58	208374	774.994	ug/l	99
16) Carbon Disulfide	4.706	76	845730	150.770	ug/l	97
17) Allyl chloride	5.018	41	486116	162.845	ug/l	96
18) Methylene Chloride	5.271	84	327575	148.968	ug/l	97
19) trans-1,2-Dichloroethene	5.777	96	300282	156.451	ug/l	94
20) Diisopropyl ether	6.671	45	1090650	159.418	ug/l	95
21) 1,1-Dichloroethane	6.565	63	610620	152.673	ug/l	97
22) cis-1,2-Dichloroethene	7.483	96	357862	156.578	ug/l	98
23) tert-Butyl Alcohol	5.524	59	295956	842.524	ug/l	# 100
24) Methyl tert-Butyl Ether	5.789	73	1008587	166.517	ug/l	98
25) Chloroform	7.965	83	605692	149.397	ug/l	100
26) Cyclohexane	8.253	56	502835	164.897	ug/l	# 98
29) 1,1-Dichloropropene	8.371	75	433829	149.042	ug/l	100
30) 2-Butanone	7.477	43	1170394	761.746	ug/l	99
31) 2,2-Dichloropropane	7.488	77	535416	145.163	ug/l	100
32) 1,1,1-Trichloroethane	8.165	97	537681	142.095	ug/l	98
33) Carbon Tetrachloride	8.359	117	470504	142.043	ug/l	95
34) Benzene	8.606	78	1316056	143.036	ug/l	99
35) Methacrylonitrile	7.777	41	260625	153.232	ug/l	97
36) 1,2-Dichloroethane	8.665	62	463319	139.254	ug/l	100
37) Trichloroethene	9.347	130	295039	145.744	ug/l	96
38) Methylcyclohexane	9.600	83	478702	158.922	ug/l	93
39) 1,2-Dichloropropane	9.618	63	338235	144.489	ug/l	99
40) Dibromomethane	9.706	93	231145	141.625	ug/l	99
41) Bromodichloromethane	9.888	83	492008	144.248	ug/l	99
42) Vinyl Acetate	6.600	43	4294003	791.735	ug/l	100

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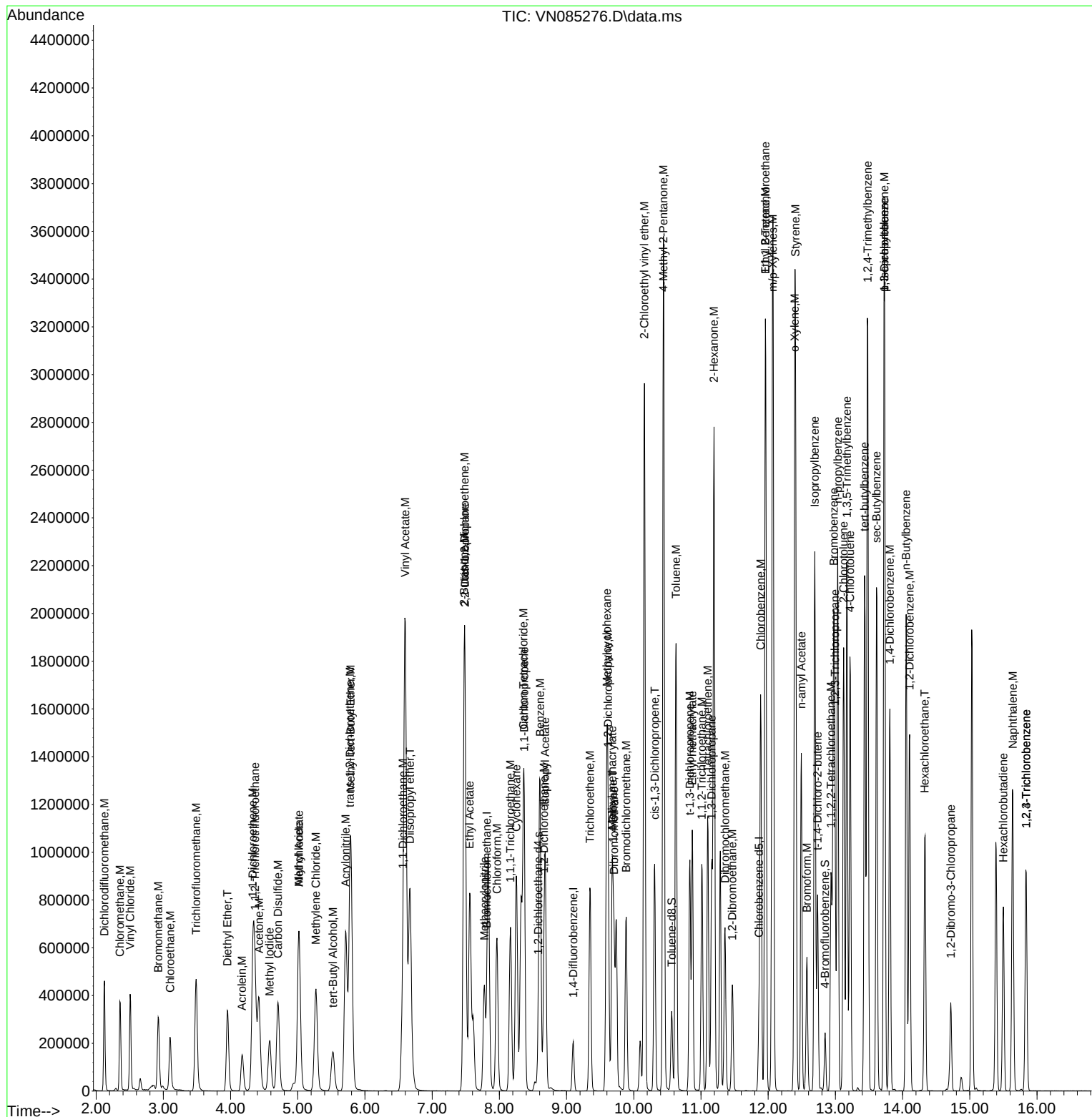
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.559	43	480322	151.167	ug/l	100
44) Isopropyl Acetate	8.682	43	803196	152.166	ug/l	99
45) 1,4-Dioxane	9.694	88	118082	2876.180	ug/l	98
46) Methyl methacrylate	9.677	41	383334	156.458	ug/l	97
47) n-amyl Acetate	12.494	43	748297	166.415	ug/l	92
48) t-1,3-Dichloropropene	10.835	75	518772	153.981	ug/l	95
49) cis-1,3-Dichloropropene	10.312	75	545222	150.530	ug/l	99
50) 1,1,2-Trichloroethane	11.012	97	297532	139.393	ug/l	97
51) Ethyl methacrylate	10.871	69	537584	166.516	ug/l	93
52) 1,3-Dichloropropane	11.159	76	537291	144.204	ug/l	99
53) Dibromochloromethane	11.359	129	359410	143.703	ug/l	98
54) 1,2-Dibromoethane	11.465	107	305011	147.658	ug/l	99
55) 2-Chloroethyl vinyl ether	10.159	63	1320616	794.138	ug/l	99
56) Bromoform	12.576	173	241680	148.125	ug/l	98
58) 4-Methyl-2-Pentanone	10.441	43	2426748	760.003	ug/l	98
59) 2-Hexanone	11.194	43	1789778	771.576	ug/l	97
61) Tetrachloroethene	11.100	164	243812	138.658	ug/l	94
62) Toluene	10.629	91	1393988	144.057	ug/l	100
64) Chlorobenzene	11.888	112	857578	146.943	ug/l	100
65) 1,1,1,2-Tetrachloroethane	11.959	131	302293	142.827	ug/l	99
66) Ethyl Benzene	11.959	91	1580537	155.229	ug/l	99
67) m/p-Xylenes	12.070	106	1160717	303.865	ug/l	100
68) o-Xylene	12.394	106	556306	152.896	ug/l	98
69) Styrene	12.406	104	965130	156.955	ug/l	99
70) Isopropylbenzene	12.694	105	1453567	159.099	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.935	83	458872	141.611	ug/l	97
72) 1,2,3-Trichloropropane	12.994	75	621567	214.054	ug/l	75
73) Bromobenzene	12.976	156	334967	148.408	ug/l	97
74) n-propylbenzene	13.035	91	1770285	155.531	ug/l	98
75) 2-Chlorotoluene	13.123	91	1049767	153.101	ug/l	99
76) 1,3,5-Trimethylbenzene	13.170	105	1204028	154.448	ug/l	100
77) t-1,4-Dichloro-2-butene	12.735	75	188674	167.396	ug/l	90
78) 4-Chlorotoluene	13.217	91	1068236	153.228	ug/l	99
79) tert-butylbenzene	13.435	119	1012350	158.790	ug/l	99
80) 1,2,4-Trimethylbenzene	13.482	105	1219847	157.263	ug/l	100
81) sec-Butylbenzene	13.612	105	1463612	159.012	ug/l	98
82) p-Isopropyltoluene	13.729	119	1232499	162.592	ug/l	98
83) 1,3-Dichlorobenzene	13.729	146	628188	149.235	ug/l	98
84) 1,4-Dichlorobenzene	13.812	146	628233	154.265	ug/l	97
85) n-Butylbenzene	14.053	91	1110120	169.627	ug/l	98
86) Hexachloroethane	14.329	117	242863	149.237	ug/l	99
87) 1,2-Dichlorobenzene	14.106	146	598727	149.716	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.717	75	94207	159.257	ug/l	93
89) 1,2,4-Trichlorobenzene	15.841	180	316396	166.998	ug/l	99
90) Hexachlorobutadiene	15.500	225	135495	143.473	ug/l	92
91) Naphthalene	15.641	128	1126942	185.128	ug/l	100
92) 1,2,3-Trichlorobenzene	15.841	180	316396	166.998	ug/l	99

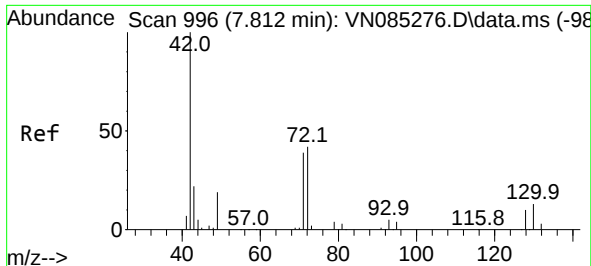
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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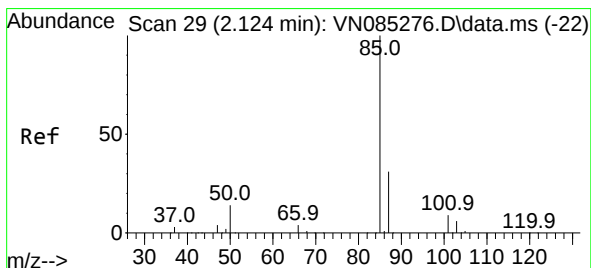
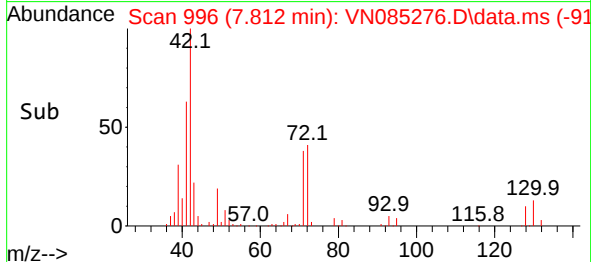
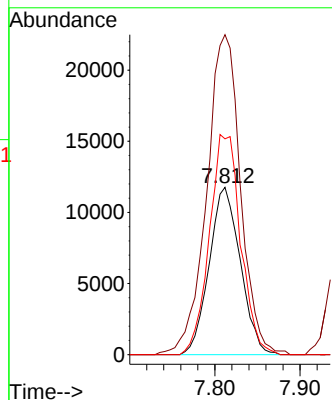
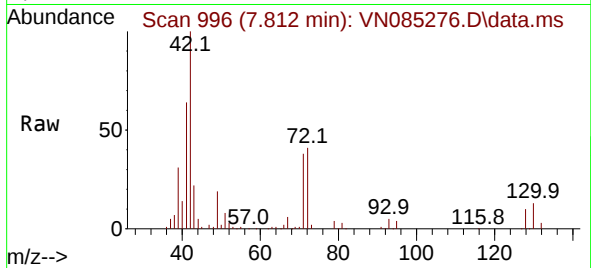




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 996
Delta R.T. -0.000 min
Lab File: VN085276.D
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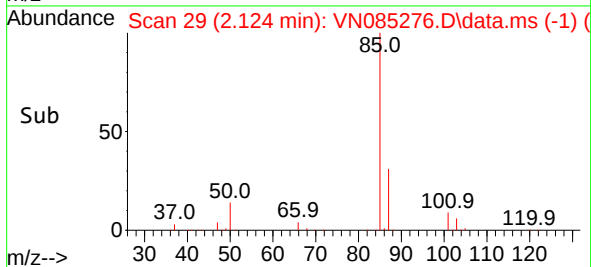
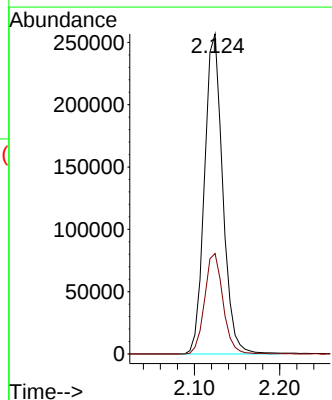
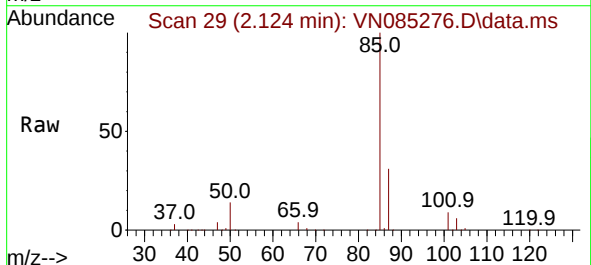
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MSVOA_N
ClientSampleId :

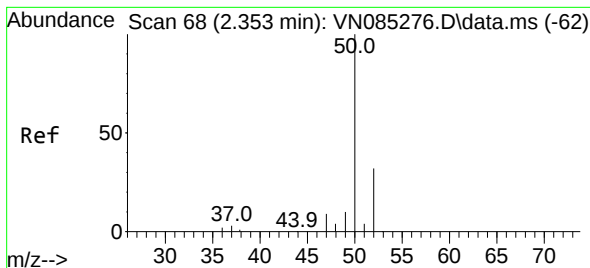
Tgt Ion:128 Resp: 29871
Ion Ratio Lower Upper
128 100
49 207.9 0.0 497.8
130 132.3 0.0 328.5



#2
Dichlorodifluoromethane
Concen: 152.790 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN085276.D
Acq: 20 Dec 2024 11:42

Tgt Ion: 85 Resp: 381612
Ion Ratio Lower Upper
85 100
87 31.4 16.5 49.5





#3

Chloromethane

Concen: 143.926 ug/l

RT: 2.353 min Scan# 68

Delta R.T. -0.006 min

Lab File: VN085276.D

Acq: 20 Dec 2024 11:42

Instrument :

MSVOA_N

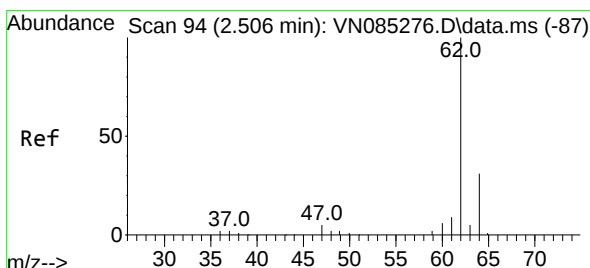
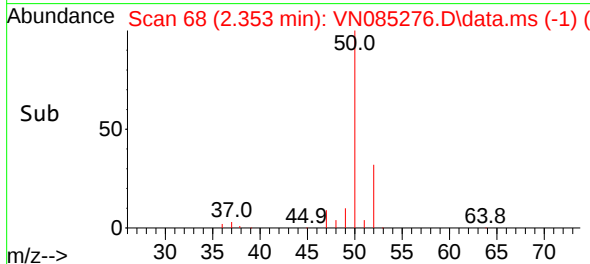
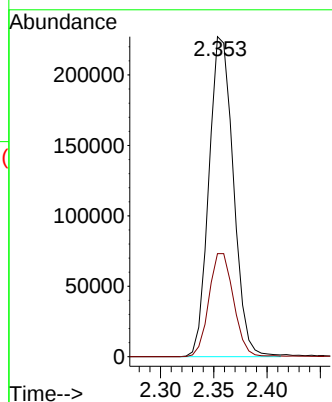
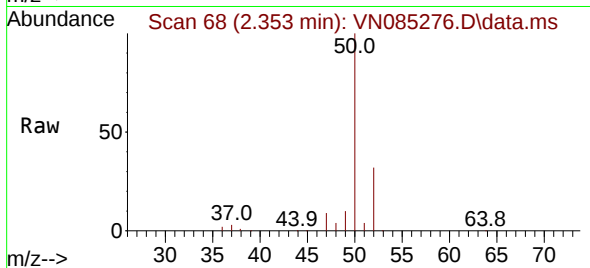
ClientSampleId :

Tgt Ion: 50 Resp: 362946

Ion Ratio Lower Upper

50 100

52 32.2 26.5 39.7



#4

Vinyl Chloride

Concen: 148.603 ug/l

RT: 2.506 min Scan# 94

Delta R.T. -0.006 min

Lab File: VN085276.D

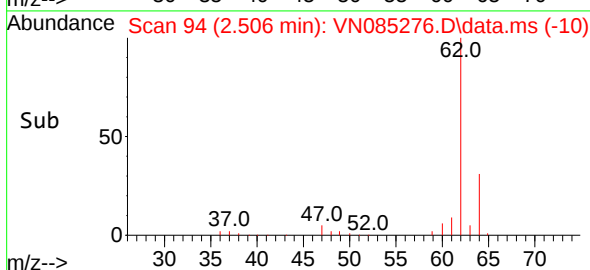
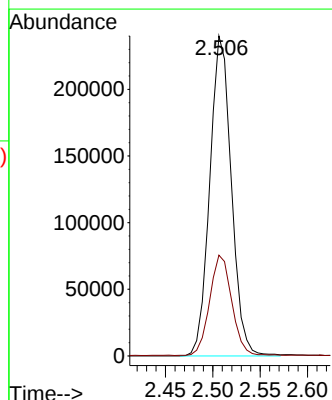
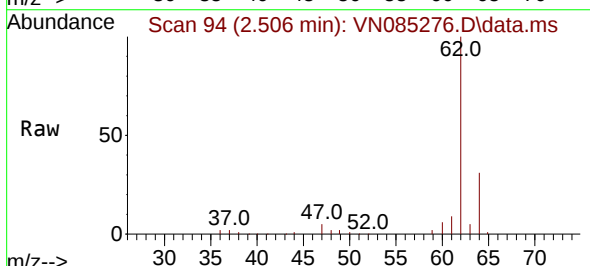
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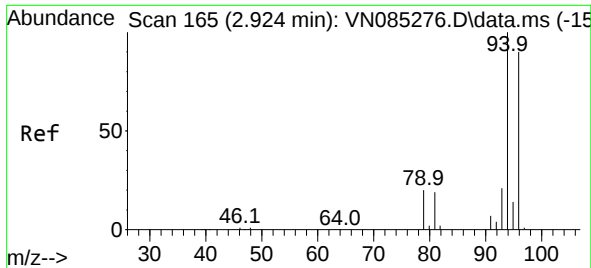
Tgt Ion: 62 Resp: 380504

Ion Ratio Lower Upper

62 100

64 31.3 25.0 37.4

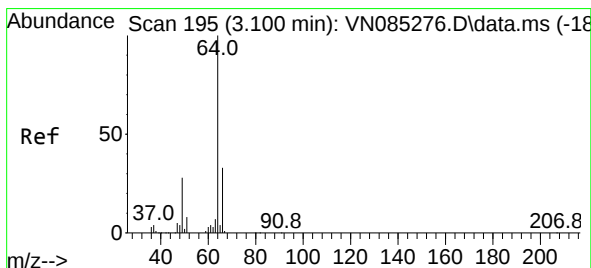
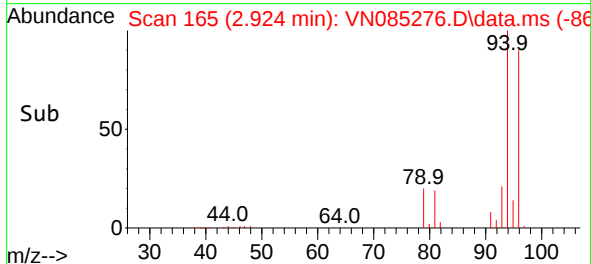
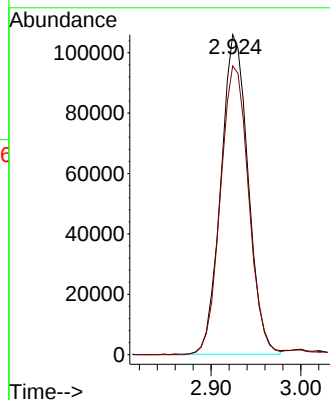
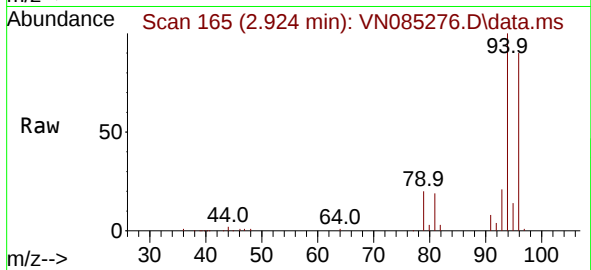




#5
Bromomethane
Concen: 149.127 ug/l
RT: 2.924 min Scan# 165
Delta R.T. -0.035 min
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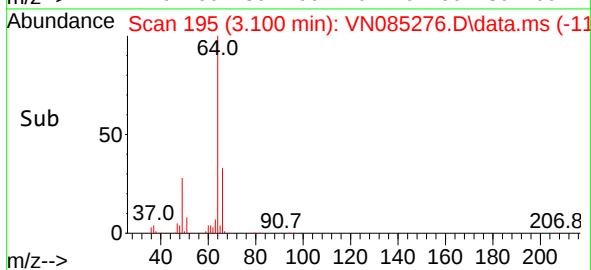
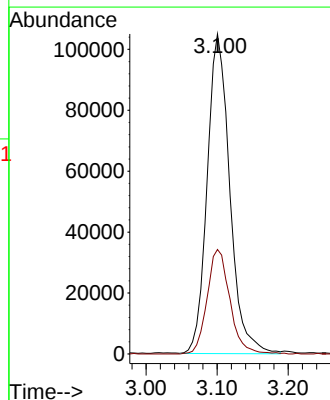
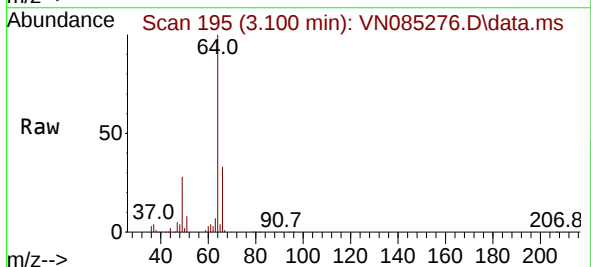
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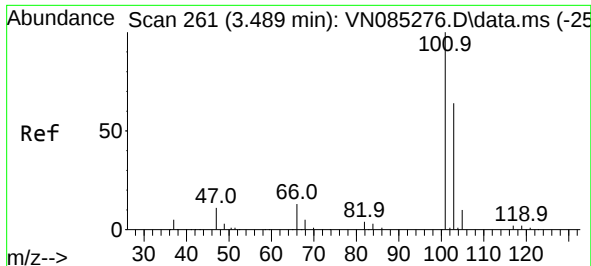
Tgt Ion: 94 Resp: 223224
Ion Ratio Lower Upper
94 100
96 90.4 75.6 113.4



#6
Chloroethane
Concen: 143.688 ug/l
RT: 3.100 min Scan# 195
Delta R.T. -0.018 min
Lab File: VN085276.D
Acq: 20 Dec 2024 11:42

Tgt Ion: 64 Resp: 232256
Ion Ratio Lower Upper
64 100
66 32.7 22.2 33.4

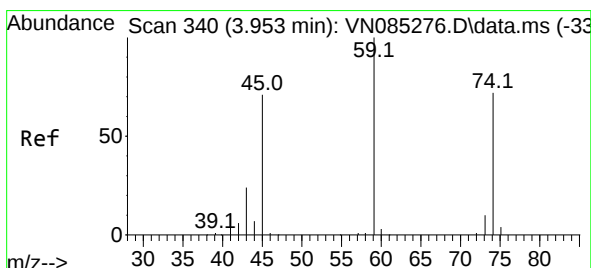
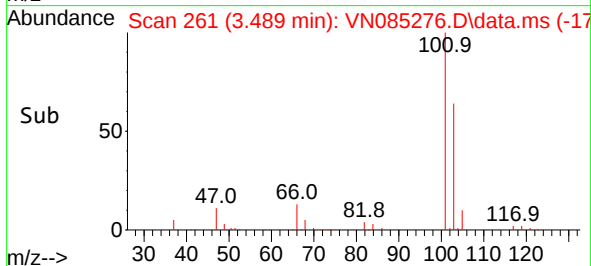
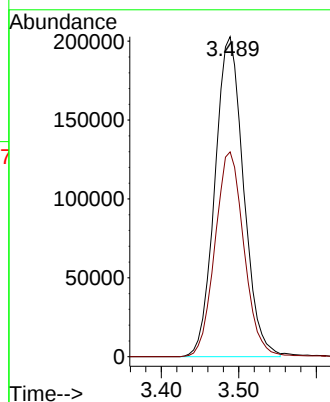
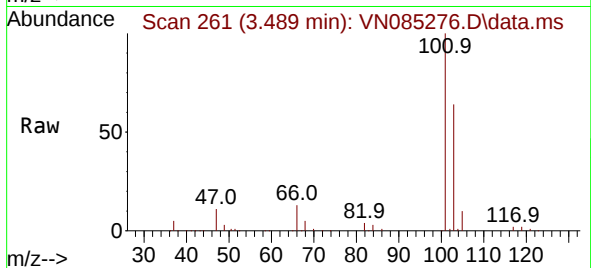




#7
 Trichlorofluoromethane
 Concen: 148.252 ug/l
 RT: 3.489 min Scan# 20
 Delta R.T. -0.012 min
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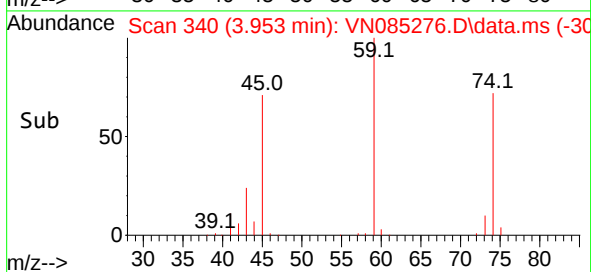
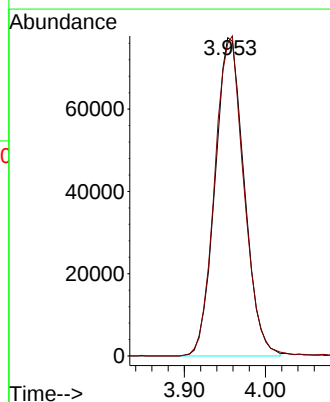
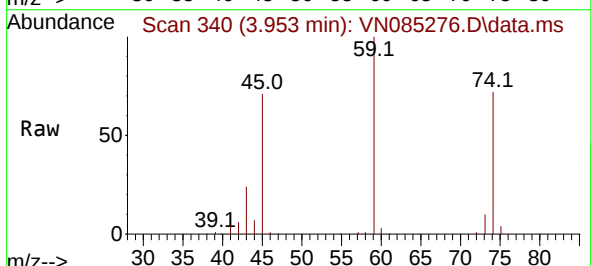
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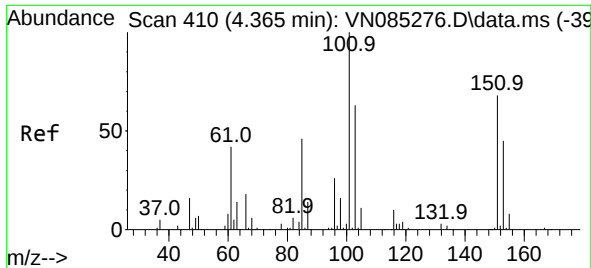
Tgt Ion:101 Resp: 521516
 Ion Ratio Lower Upper
 101 100
 103 64.0 52.6 78.8



#8
 Diethyl Ether
 Concen: 159.461 ug/l
 RT: 3.953 min Scan# 340
 Delta R.T. -0.006 min
 Lab File: VN085276.D
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Tgt Ion: 74 Resp: 193189
 Ion Ratio Lower Upper
 74 100
 45 100.4 20.8 187.6

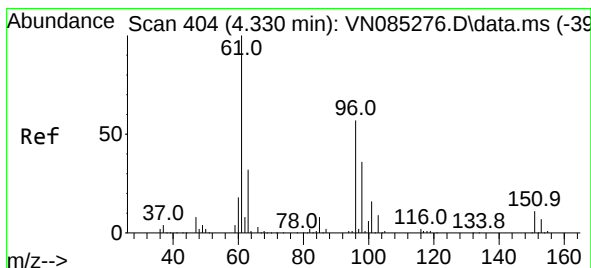
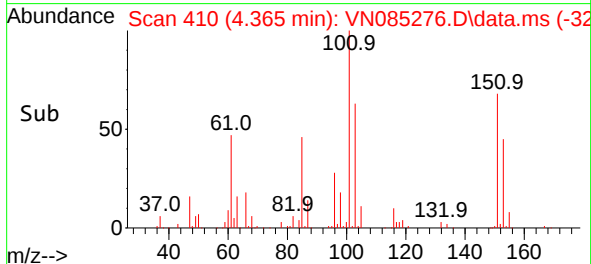
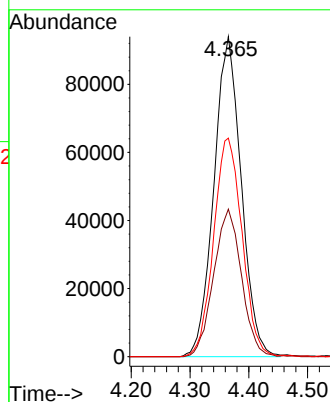
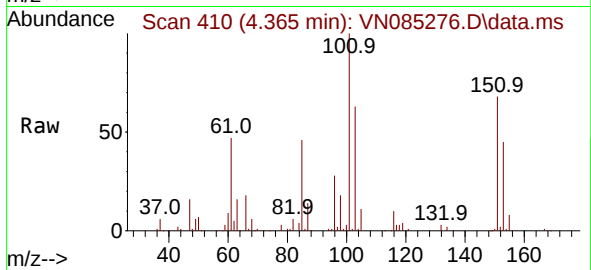




#9
1,1,2-Trichlorotrifluoroethane
Concen: 150.342 ug/l
RT: 4.365 min Scan# 410
Delta R.T. -0.006 min
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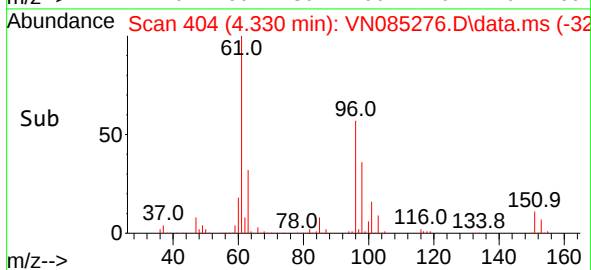
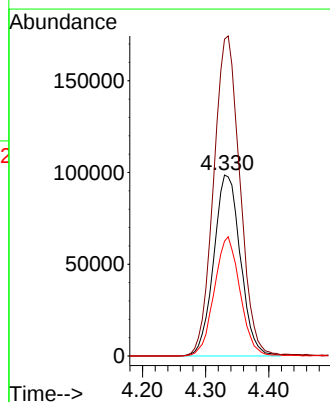
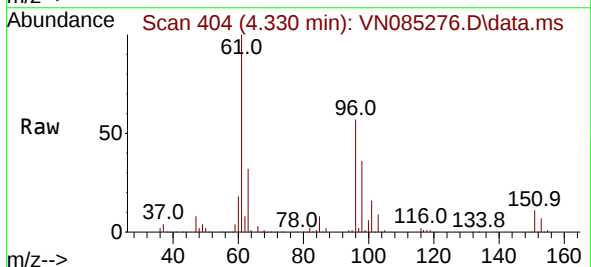
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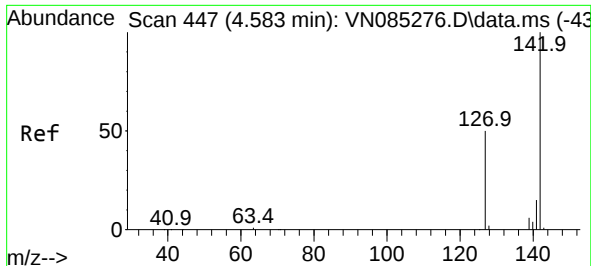
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Ion Ratio Lower Upper
101 100
85 46.8 0.0 96.6
151 71.0 0.0 147.4



#10
1,1-Dichloroethene
Concen: 157.023 ug/l
RT: 4.330 min Scan# 404
Delta R.T. -0.012 min
Lab File: VN085276.D
Acq: 20 Dec 2024 11:42

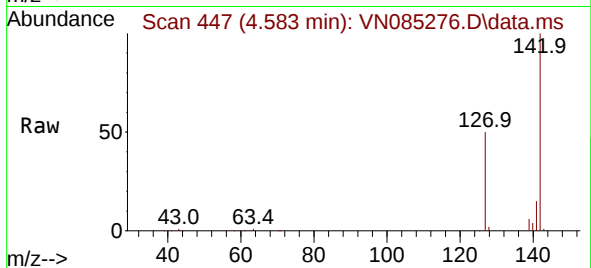
Tgt Ion: 96 Resp: 289766
Ion Ratio Lower Upper
96 100
61 175.1 145.9 218.9
98 63.4 51.9 77.9



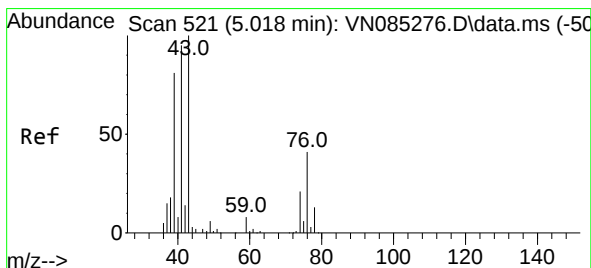
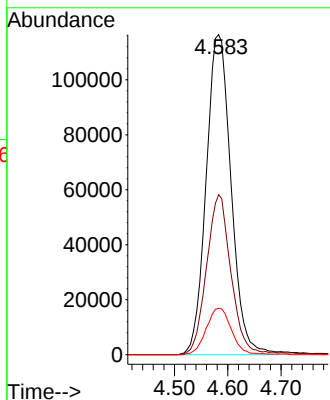
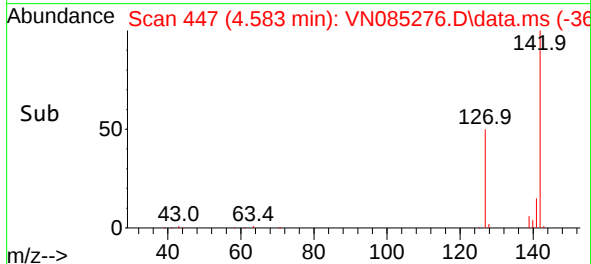


#11
Methyl Iodide
Concen: 171.110 ug/l
RT: 4.583 min Scan# 447
Delta R.T. -0.006 min
Lab File: VN085276.D
Acq: 20 Dec 2024 11:42

Instrument :
MSVOA_N
ClientSampleId :

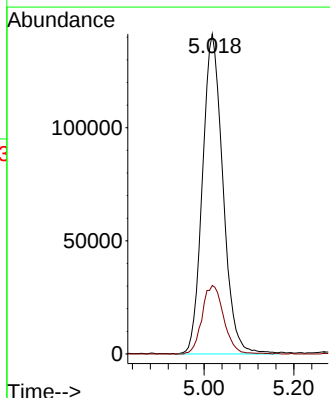
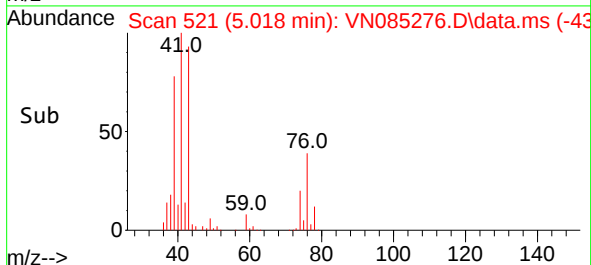
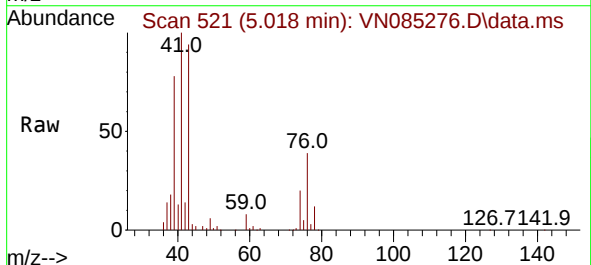


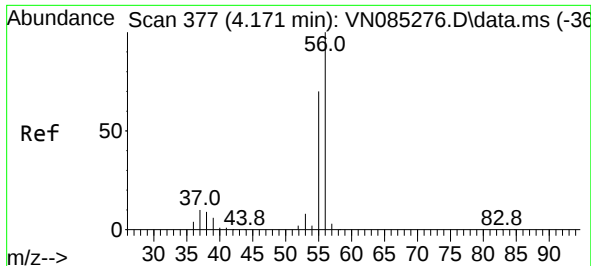
Tgt Ion:142 Resp: 378427
Ion Ratio Lower Upper
142 100
127 49.9 25.1 75.4
141 14.5 6.9 20.7



#12
Methyl Acetate
Concen: 162.865 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.006 min
Lab File: VN085276.D
Acq: 20 Dec 2024 11:42

Tgt Ion: 43 Resp: 448482
Ion Ratio Lower Upper
43 100
74 21.4 20.5 30.7

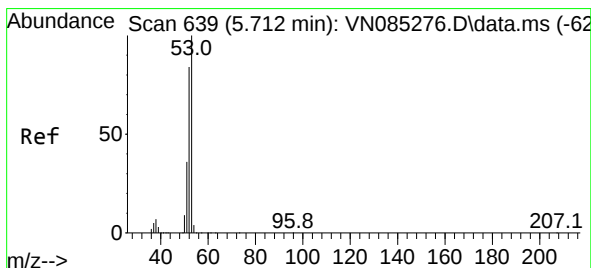
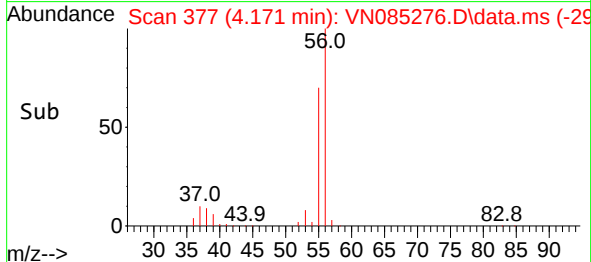
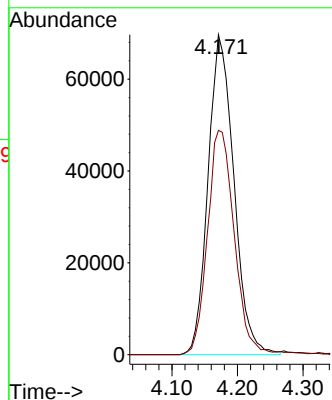
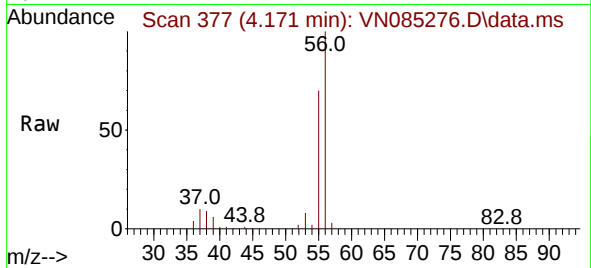




#13
Acrolein
Concen: 775.174 ug/l
RT: 4.171 min Scan# 377
Delta R.T. -0.012 min
Lab File: VN085276.D
Acq: 20 Dec 2024 11:42

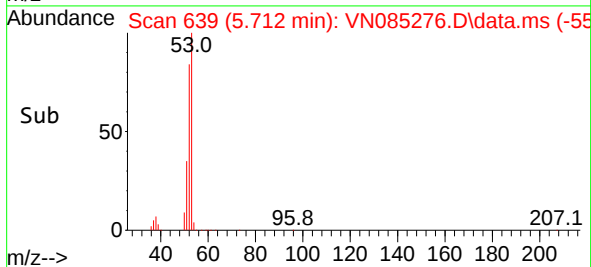
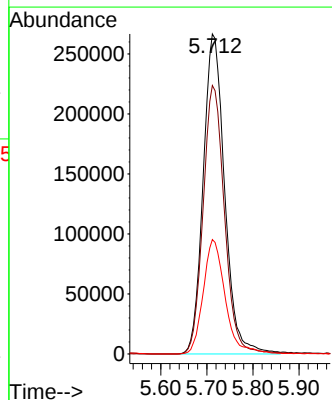
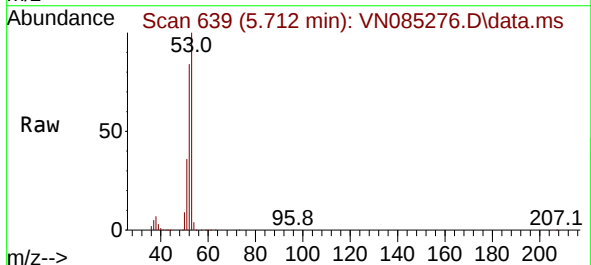
Instrument :
MSVOA_N
ClientSampleId :

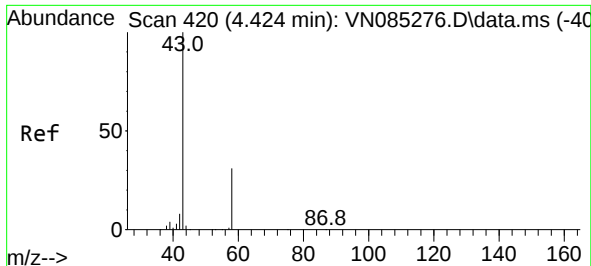
Tgt Ion: 56 Resp: 190706
Ion Ratio Lower Upper
56 100
55 72.1 56.8 85.2



#14
Acrylonitrile
Concen: 811.596 ug/l
RT: 5.712 min Scan# 639
Delta R.T. -0.006 min
Lab File: VN085276.D
Acq: 20 Dec 2024 11:42

Tgt Ion: 53 Resp: 865051
Ion Ratio Lower Upper
53 100
52 83.0 41.6 124.8
51 36.7 18.1 54.4





#15

Acetone

Concen: 774.994 ug/l

RT: 4.424 min Scan# 41

Delta R.T. -0.006 min

Lab File: VN085276.D

Acq: 20 Dec 2024 11:42

Instrument :

MSVOA_N

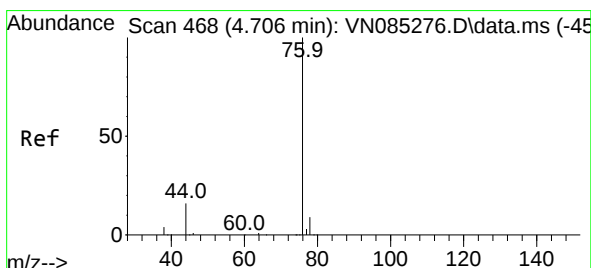
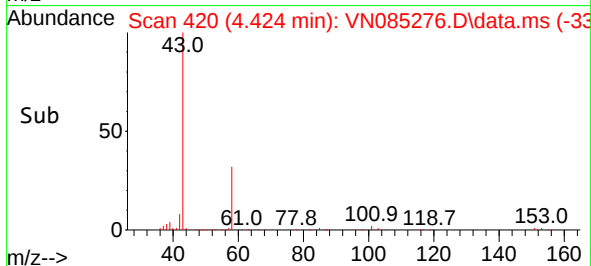
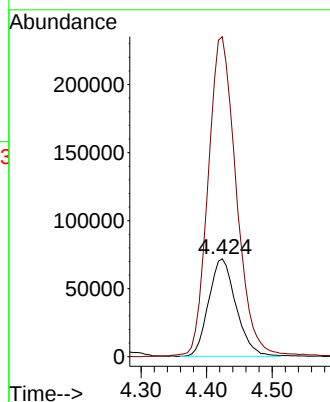
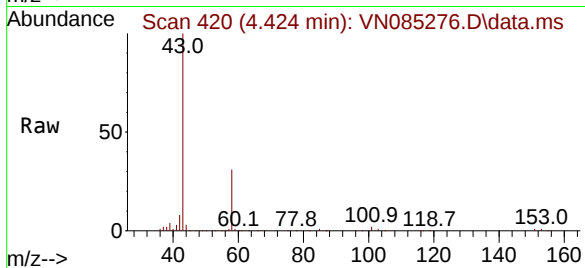
ClientSampleId :

Tgt Ion: 58 Resp: 208374

Ion Ratio Lower Upper

58 100

43 325.7 258.8 388.2



#16

Carbon Disulfide

Concen: 150.770 ug/l

RT: 4.706 min Scan# 468

Delta R.T. -0.006 min

Lab File: VN085276.D

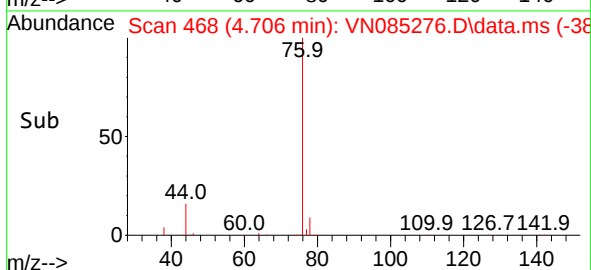
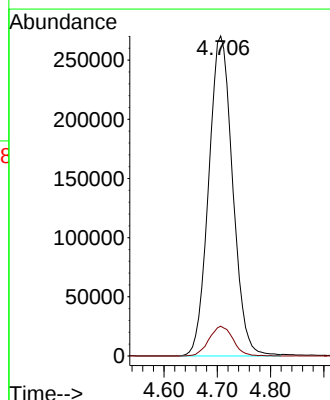
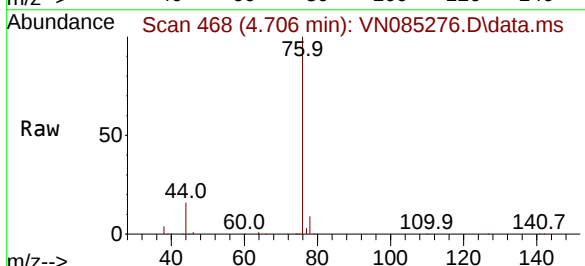
Acq: 20 Dec 2024 11:42

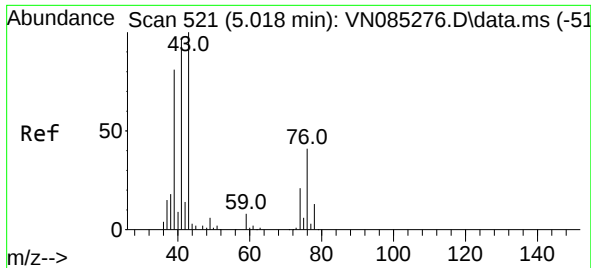
Tgt Ion: 76 Resp: 845730

Ion Ratio Lower Upper

76 100

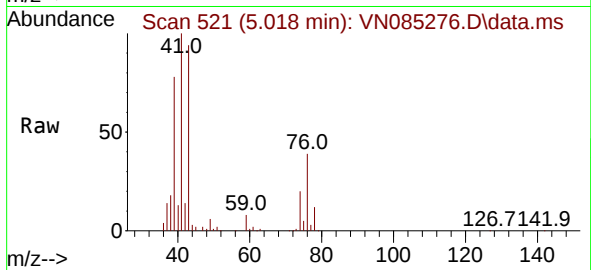
78 9.3 6.6 9.8



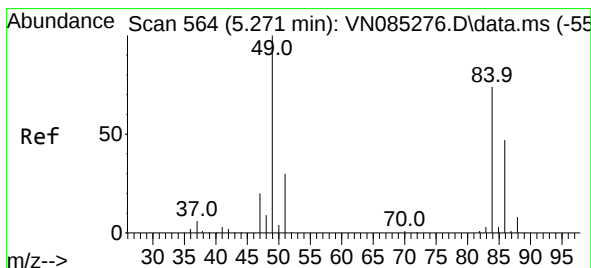
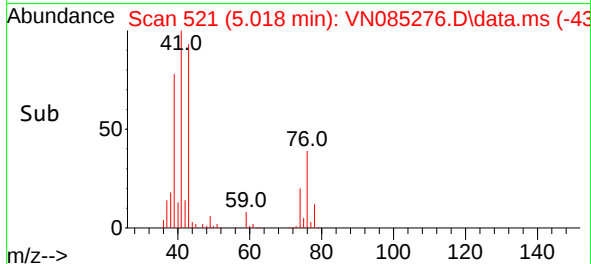
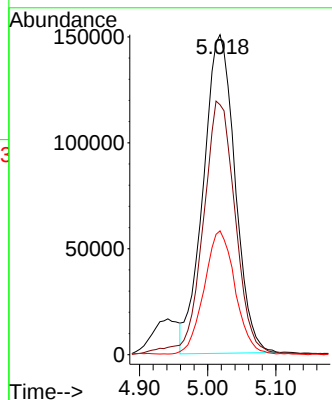


#17
 Allyl chloride
 Concen: 162.845 ug/l
 RT: 5.018 min Scan# 51
 Delta R.T. -0.006 min
 Lab File: VN085276.D
 Acq: 20 Dec 2024 11:42

Instrument :
 MSVOA_N
 ClientSampleId :

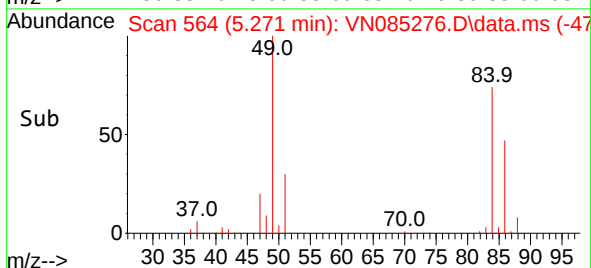
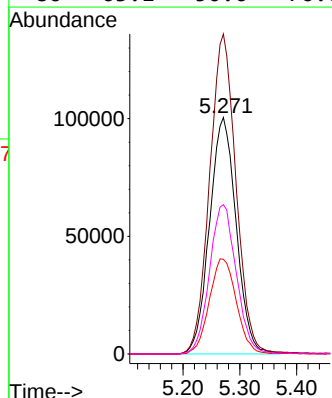
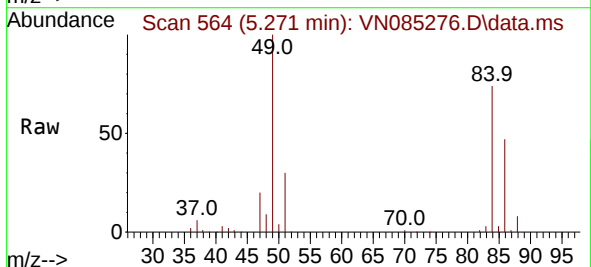


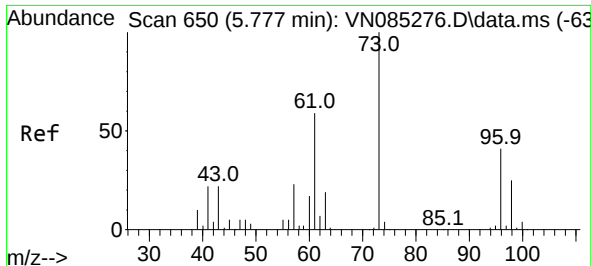
Tgt Ion: 41 Resp: 486116
 Ion Ratio Lower Upper
 41 100
 39 78.1 41.3 124.1
 76 38.6 19.5 58.5



#18
 Methylene Chloride
 Concen: 148.968 ug/l
 RT: 5.271 min Scan# 564
 Delta R.T. 0.000 min
 Lab File: VN085276.D
 Acq: 20 Dec 2024 11:42

Tgt Ion: 84 Resp: 327575
 Ion Ratio Lower Upper
 84 100
 49 135.1 104.9 157.3
 51 40.0 30.2 45.4
 86 63.1 50.6 76.0





#19

trans-1,2-Dichloroethene

Concen: 156.451 ug/l

RT: 5.777 min Scan# 61

Delta R.T. -0.006 min

Lab File: VN085276.D

Acq: 20 Dec 2024 11:42

Instrument :

MSVOA_N

ClientSampleId :

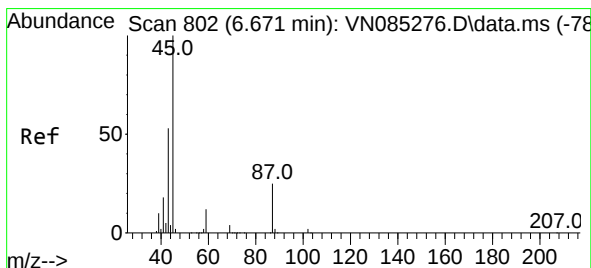
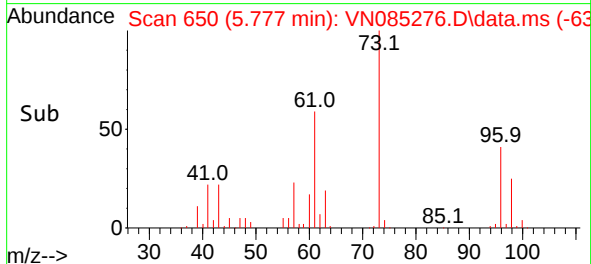
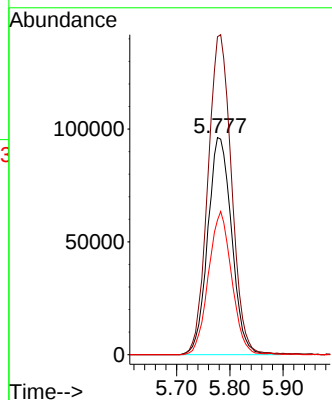
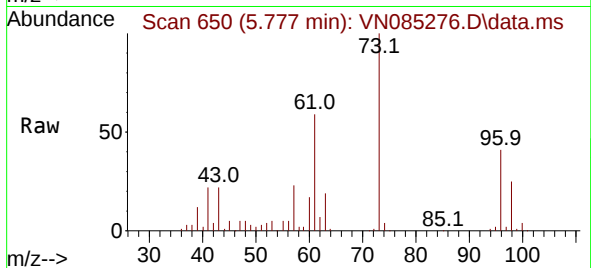
Tgt Ion: 96 Resp: 300282

Ion Ratio Lower Upper

96 100

61 146.4 124.2 186.4

98 62.0 51.0 76.4



#20

Diisopropyl ether

Concen: 159.418 ug/l

RT: 6.671 min Scan# 802

Delta R.T. 0.000 min

Lab File: VN085276.D

Acq: 20 Dec 2024 11:42

Tgt Ion: 45 Resp: 1090650

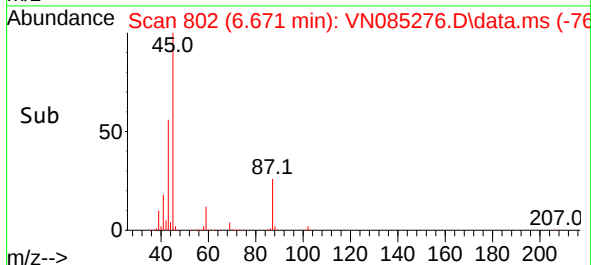
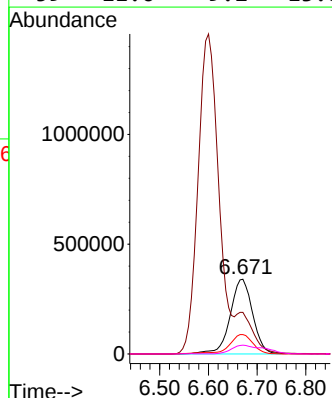
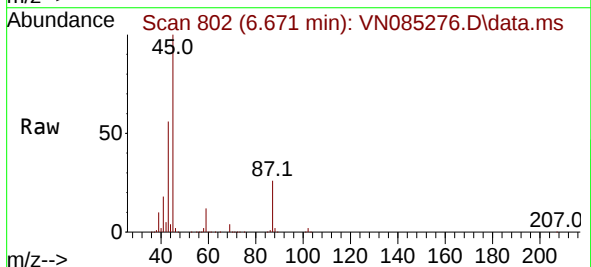
Ion Ratio Lower Upper

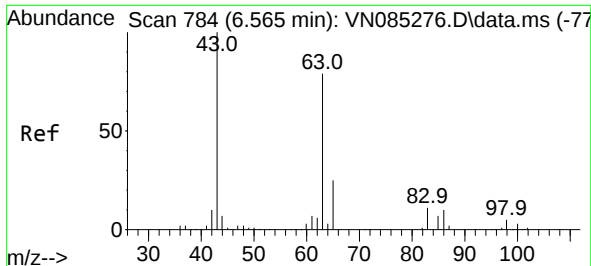
45 100

43 54.0 46.6 69.8

87 25.6 22.3 33.5

59 11.6 9.2 13.8

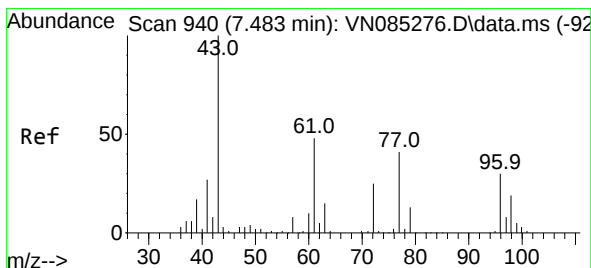
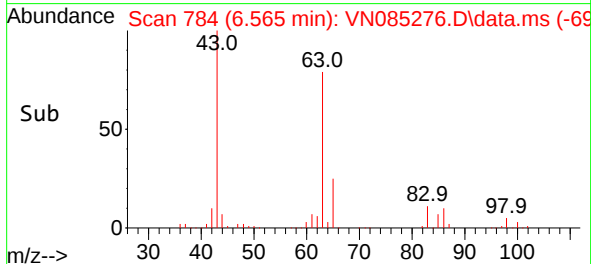
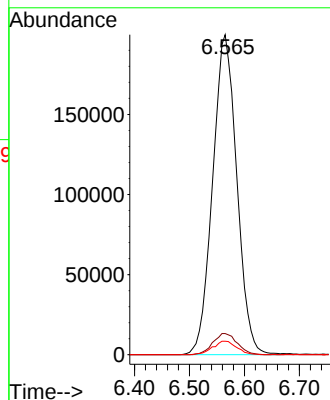
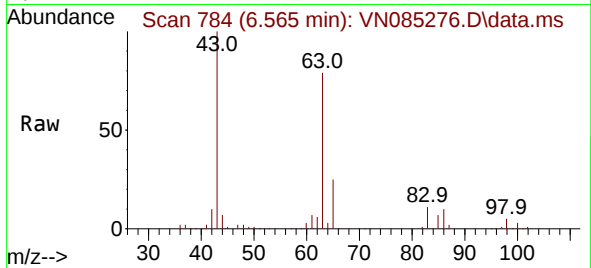




#21
1,1-Dichloroethane
Concen: 152.673 ug/l
RT: 6.565 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN085276.D
Acq: 20 Dec 2024 11:42

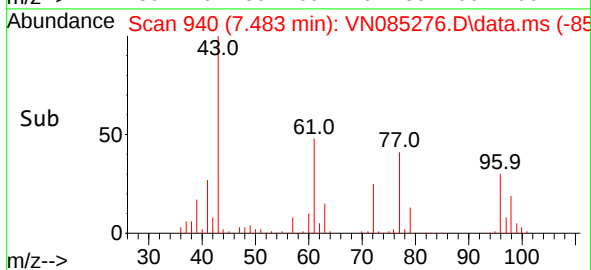
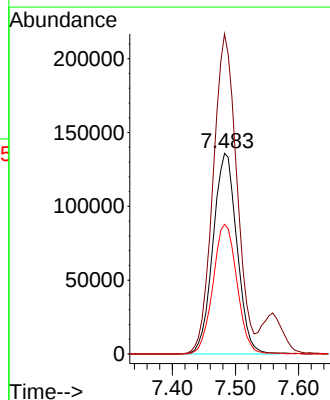
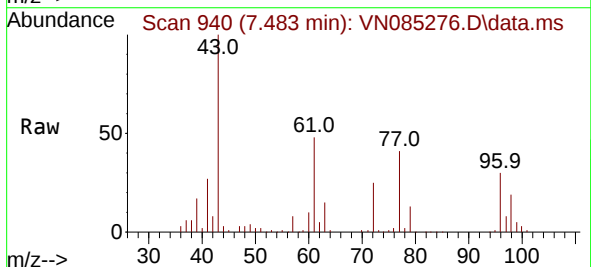
Instrument :
MSVOA_N
ClientSampleId :

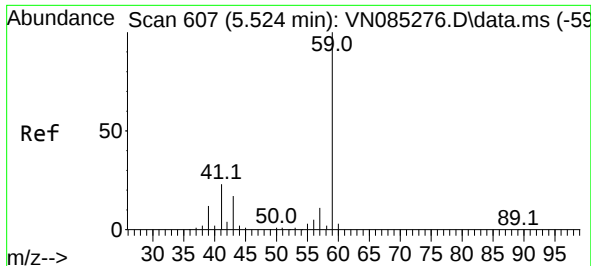
Tgt Ion: 63 Resp: 610620
Ion Ratio Lower Upper
63 100
98 6.6 2.4 7.1
100 4.2 2.1 6.3



#22
cis-1,2-Dichloroethene
Concen: 156.578 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN085276.D
Acq: 20 Dec 2024 11:42

Tgt Ion: 96 Resp: 357862
Ion Ratio Lower Upper
96 100
61 157.6 128.1 192.1
98 64.7 52.7 79.1

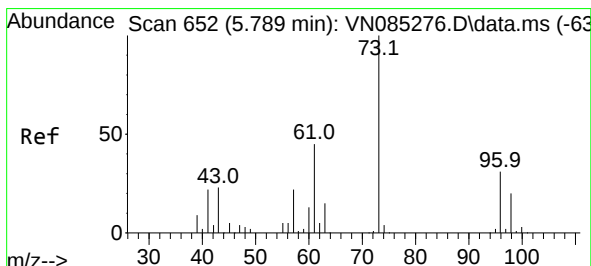
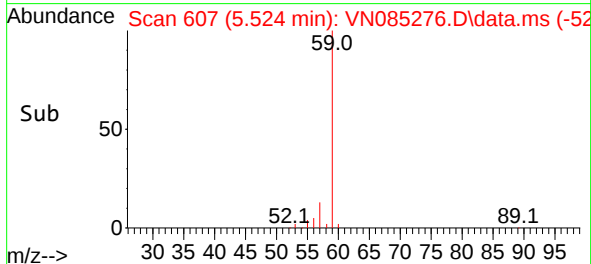
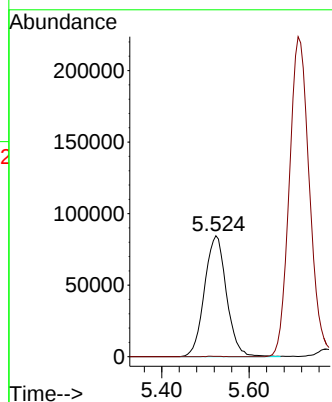
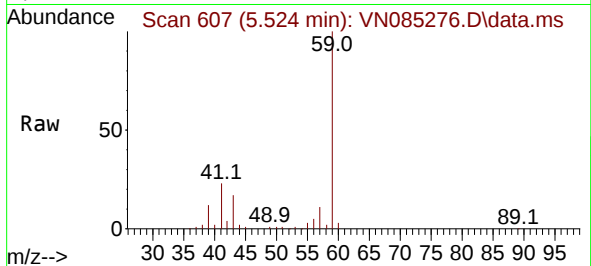




#23
tert-Butyl Alcohol
Concen: 842.524 ug/l
RT: 5.524 min Scan# 607
Delta R.T. 0.006 min
Lab File: VN085276.D
Acq: 20 Dec 2024 11:42

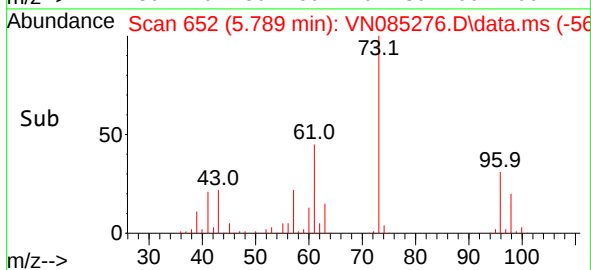
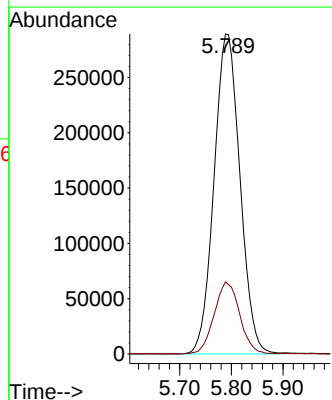
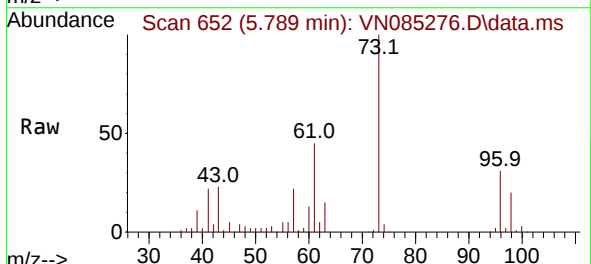
Instrument :
MSVOA_N
ClientSampleId :

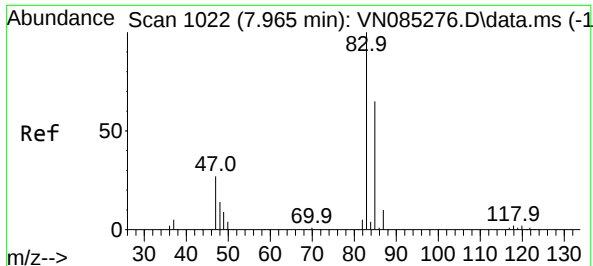
Tgt Ion: 59 Resp: 295956
Ion Ratio Lower Upper
59 100
52 0.2 0.0 0.0#



#24
Methyl tert-Butyl Ether
Concen: 166.517 ug/l
RT: 5.789 min Scan# 652
Delta R.T. -0.012 min
Lab File: VN085276.D
Acq: 20 Dec 2024 11:42

Tgt Ion: 73 Resp: 1008587
Ion Ratio Lower Upper
73 100
43 22.2 18.6 27.8





#25

Chloroform

Concen: 149.397 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. 0.000 min

Lab File: VN085276.D

Acq: 20 Dec 2024 11:42

Instrument :

MSVOA_N

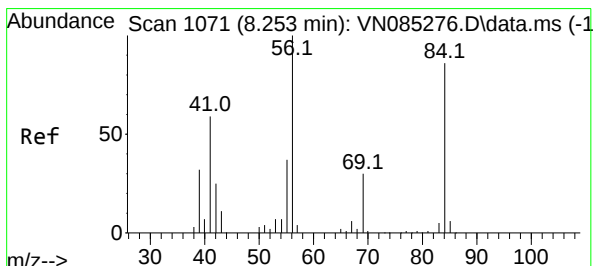
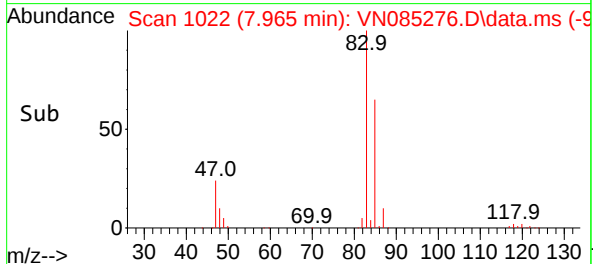
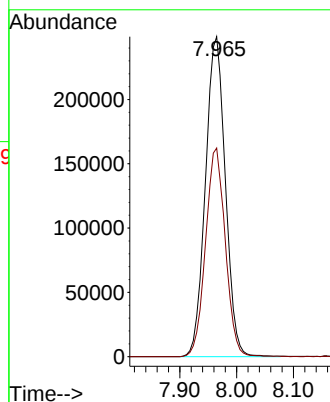
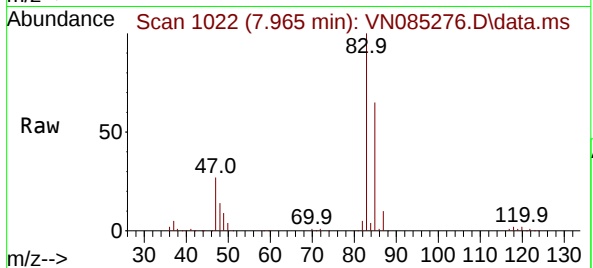
ClientSampleId :

Tgt Ion: 83 Resp: 605692

Ion Ratio Lower Upper

83 100

85 65.2 52.0 78.0



#26

Cyclohexane

Concen: 164.897 ug/l

RT: 8.253 min Scan# 1071

Delta R.T. 0.000 min

Lab File: VN085276.D

Acq: 20 Dec 2024 11:42

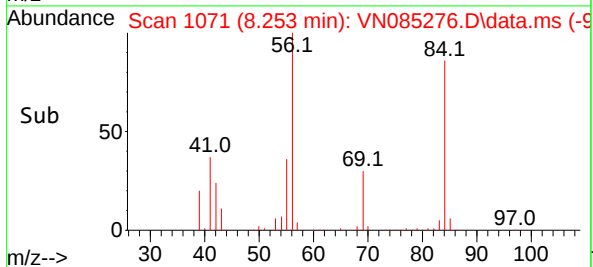
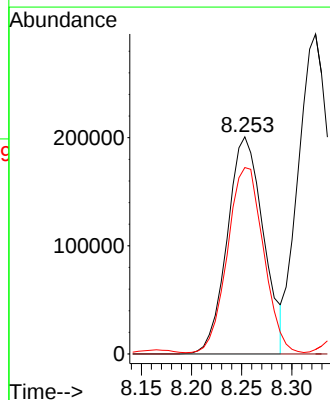
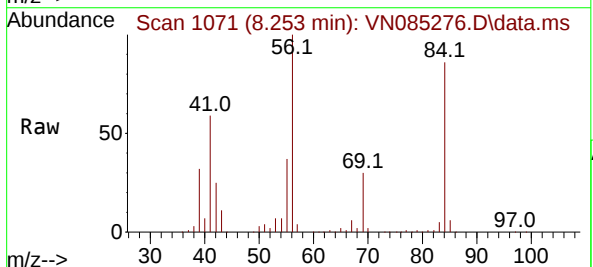
Tgt Ion: 56 Resp: 502835

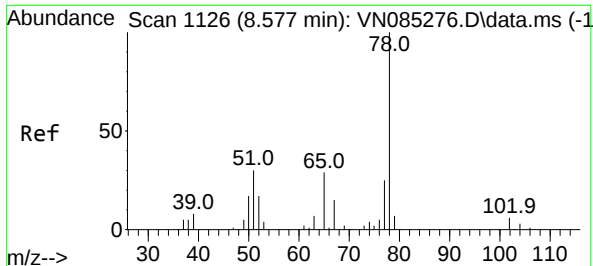
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 86.4 67.6 101.4

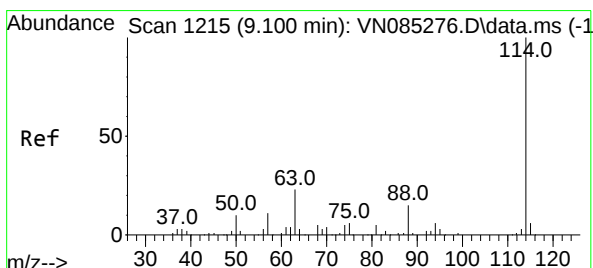
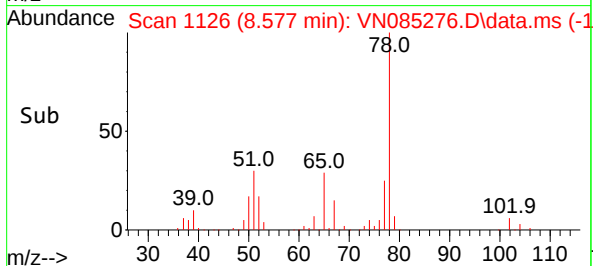
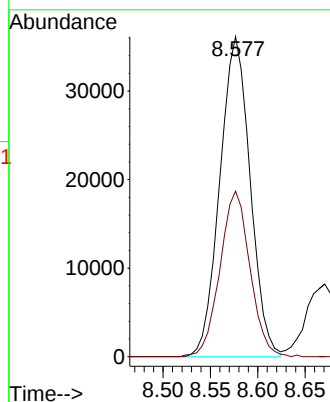
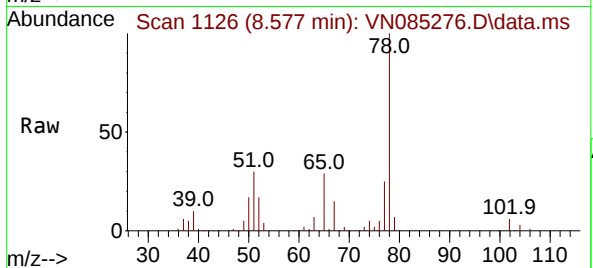




#27
 1,2-Dichloroethane-d4
 Concen: 30.606 ug/l
 RT: 8.577 min Scan# 1126
 Delta R.T. 0.000 min
 Lab File: VN085276.D
 Acq: 20 Dec 2024 11:42

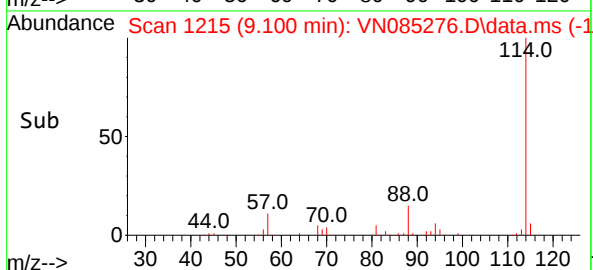
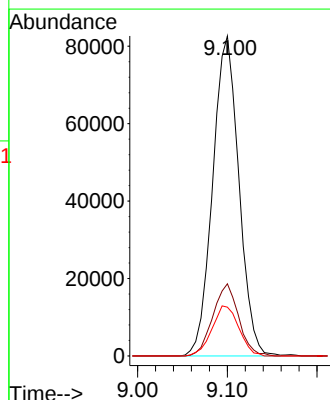
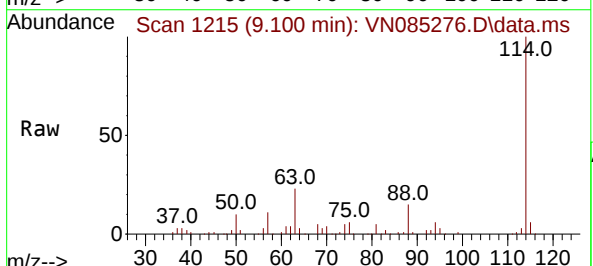
Instrument :
 MSVOA_N
 ClientSampleId :

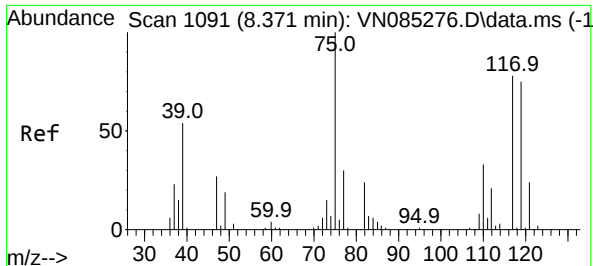
Tgt Ion: 65 Resp: 80425
 Ion Ratio Lower Upper
 65 100
 67 51.0 42.0 63.0



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. 0.000 min
 Lab File: VN085276.D
 Acq: 20 Dec 2024 11:42

Tgt Ion: 114 Resp: 167650
 Ion Ratio Lower Upper
 114 100
 63 22.1 18.0 27.0
 88 16.0 12.9 19.3

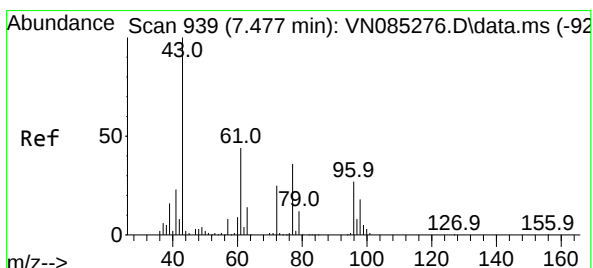
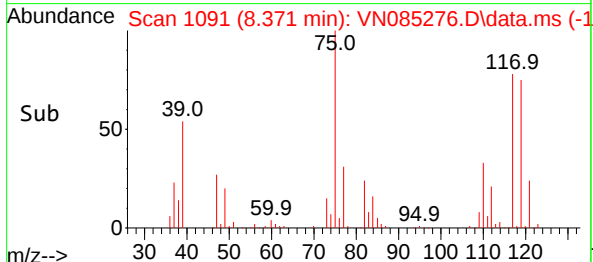
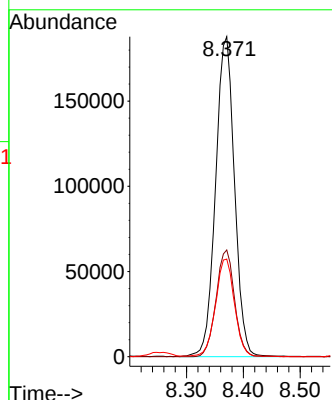
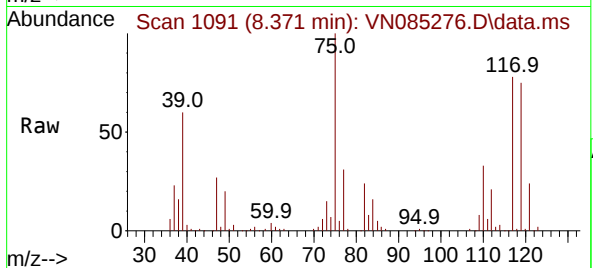




#29
1,1-Dichloropropene
Concen: 149.042 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VN085276.D
Acq: 20 Dec 2024 11:42

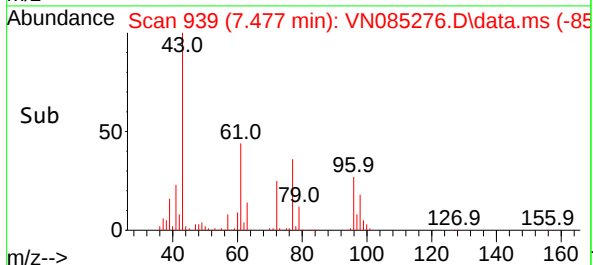
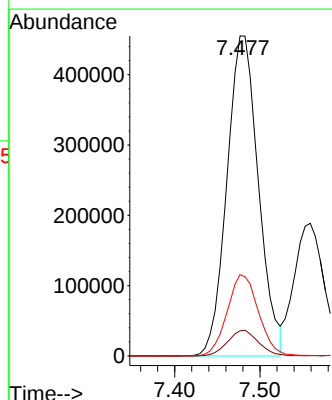
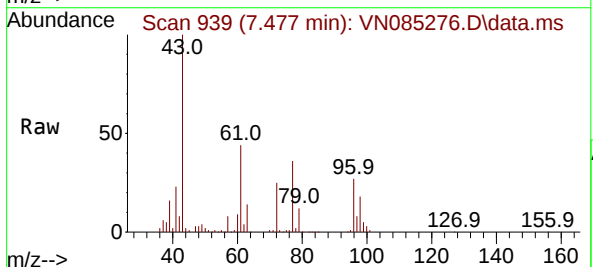
Instrument :
MSVOA_N
ClientSampleId :

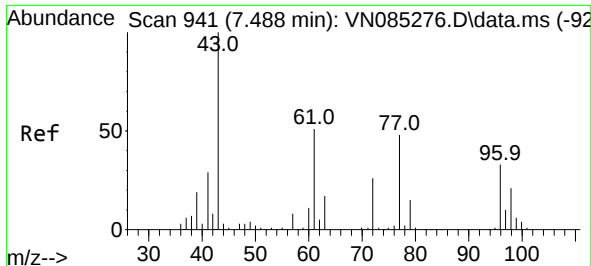
Tgt Ion: 75 Resp: 433829
Ion Ratio Lower Upper
75 100
110 32.6 0.0 64.8
77 30.3 0.0 60.8



#30
2-Butanone
Concen: 761.746 ug/l
RT: 7.477 min Scan# 939
Delta R.T. 0.000 min
Lab File: VN085276.D
Acq: 20 Dec 2024 11:42

Tgt Ion: 43 Resp: 1170394
Ion Ratio Lower Upper
43 100
57 7.9 6.2 9.2
72 25.3 19.9 29.9





#31

2,2-Dichloropropane

Concen: 145.163 ug/l

RT: 7.488 min Scan# 941

Delta R.T. 0.000 min

Lab File: VN085276.D

Acq: 20 Dec 2024 11:42

Instrument :

MSVOA_N

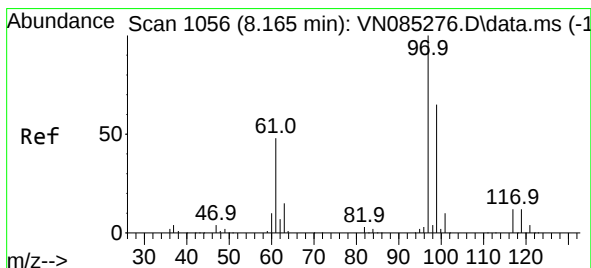
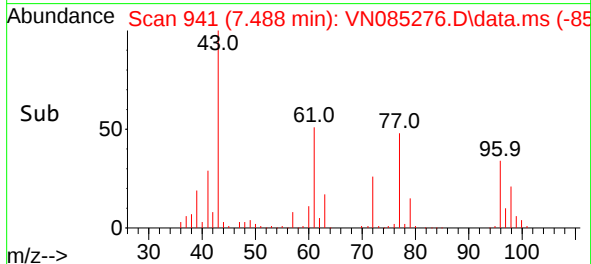
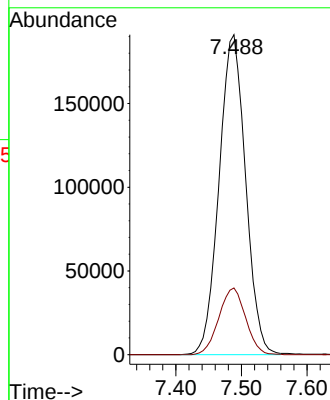
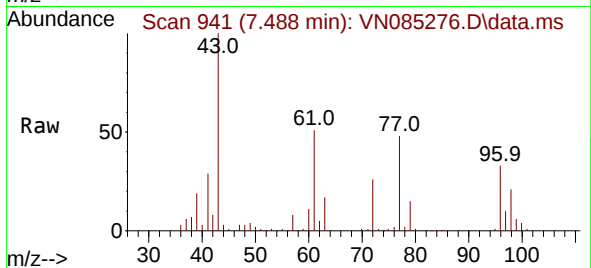
ClientSampleId :

Tgt Ion: 77 Resp: 535416

Ion Ratio Lower Upper

77 100

97 21.0 16.9 25.3



#32

1,1,1-Trichloroethane

Concen: 142.095 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN085276.D

Acq: 20 Dec 2024 11:42

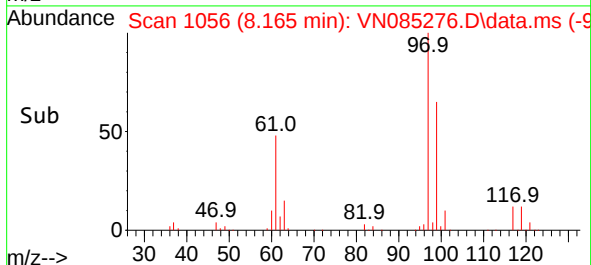
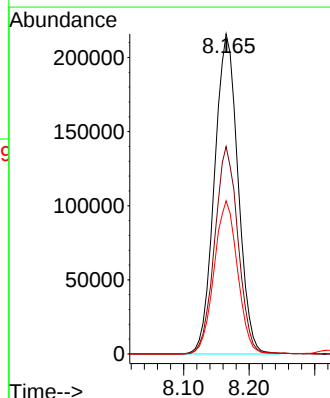
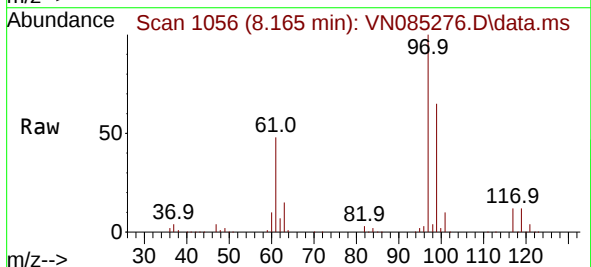
Tgt Ion: 97 Resp: 537681

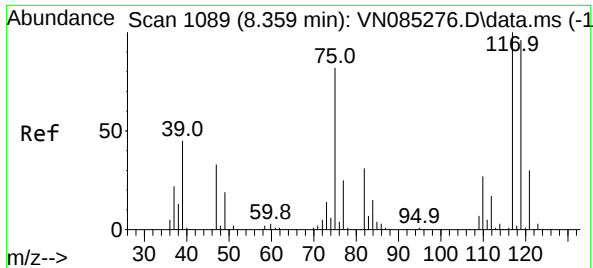
Ion Ratio Lower Upper

97 100

99 64.2 52.2 78.2

61 47.6 39.8 59.8

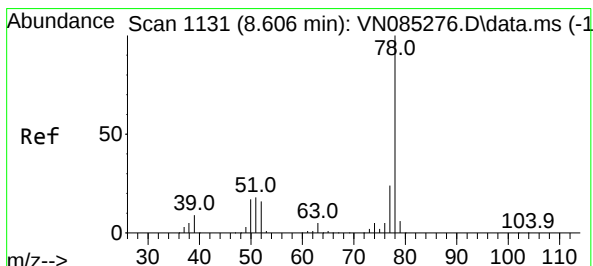
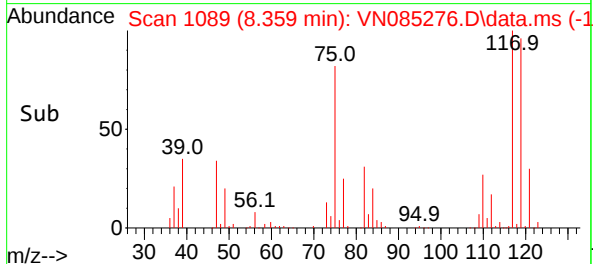
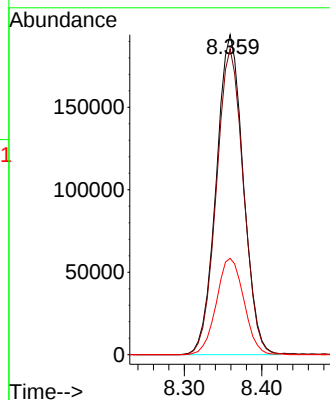
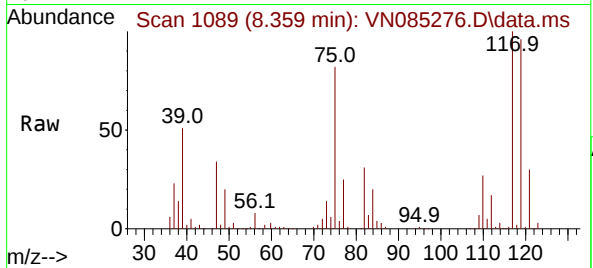




#33
Carbon Tetrachloride
Concen: 142.043 ug/l
RT: 8.359 min Scan# 1108
Delta R.T. 0.000 min
Lab File: VN085276.D
Acq: 20 Dec 2024 11:42

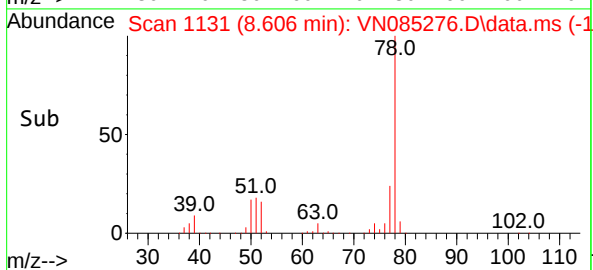
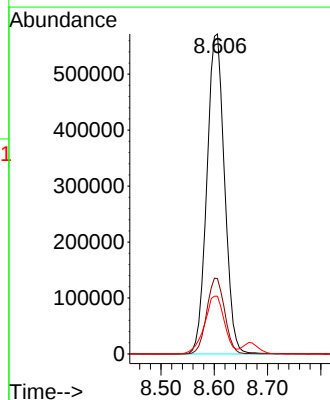
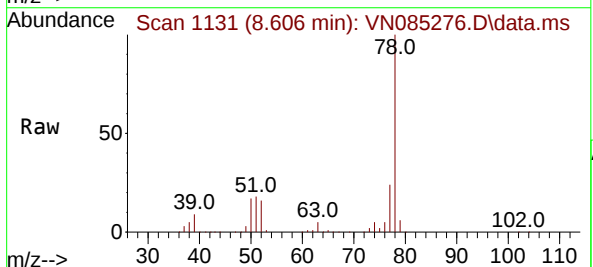
Instrument :
MSVOA_N
ClientSampleId :

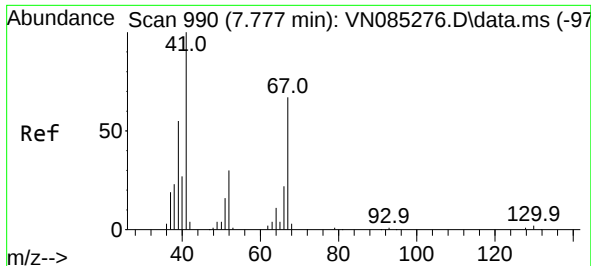
Tgt Ion:117 Resp: 470504
Ion Ratio Lower Upper
117 100
119 95.6 71.6 107.4
121 30.1 23.5 35.3



#34
Benzene
Concen: 143.036 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VN085276.D
Acq: 20 Dec 2024 11:42

Tgt Ion: 78 Resp: 1316056
Ion Ratio Lower Upper
78 100
77 23.5 19.3 28.9
51 18.0 14.6 21.8



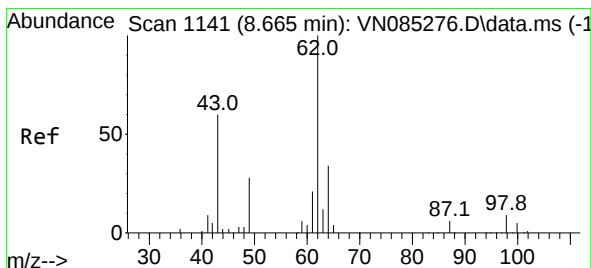
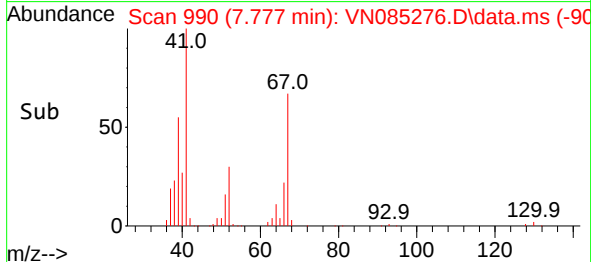
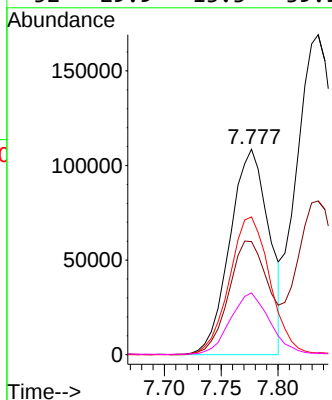
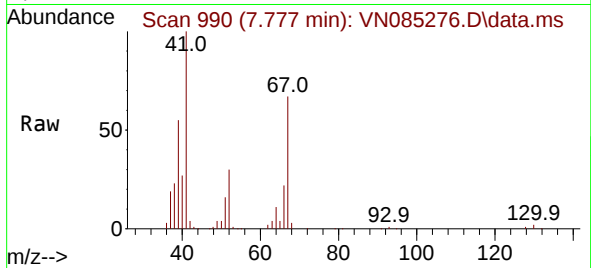


#35
Methacrylonitrile
Concen: 153.232 ug/l
RT: 7.777 min Scan# 990
Delta R.T. 0.006 min
Lab File: VN085276.D
Acq: 20 Dec 2024 11:42

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 41 Resp: 260625

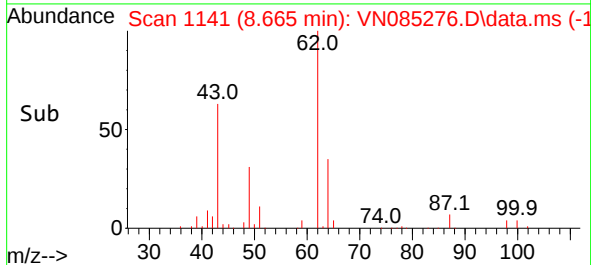
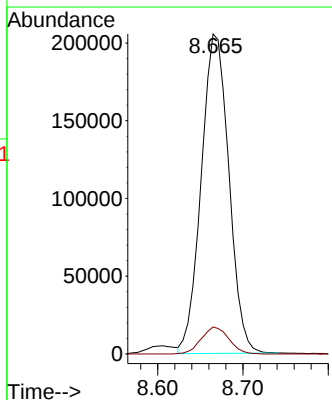
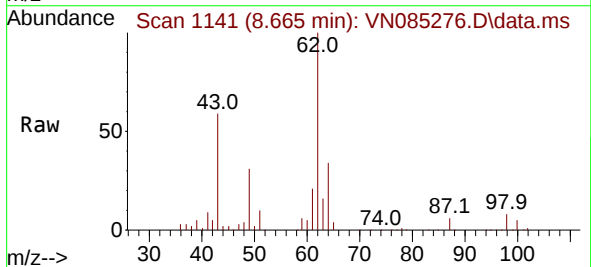
Ion	Ratio	Lower	Upper
41	100		
39	54.8	26.7	80.0
67	67.1	32.5	97.5
52	29.9	13.3	39.9

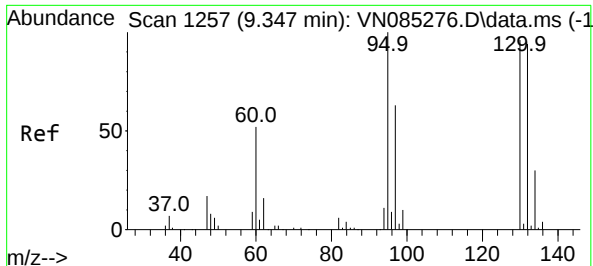


#36
1,2-Dichloroethane
Concen: 139.254 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. 0.000 min
Lab File: VN085276.D
Acq: 20 Dec 2024 11:42

Tgt Ion: 62 Resp: 463319

Ion	Ratio	Lower	Upper
62	100		
98	8.4	6.6	10.0





#37

Trichloroethene

Concen: 145.744 ug/l

RT: 9.347 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN085276.D

Acq: 20 Dec 2024 11:42

Instrument :

MSVOA_N

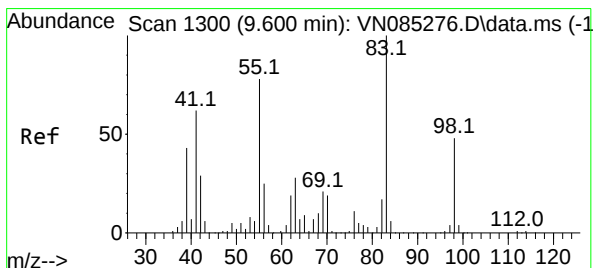
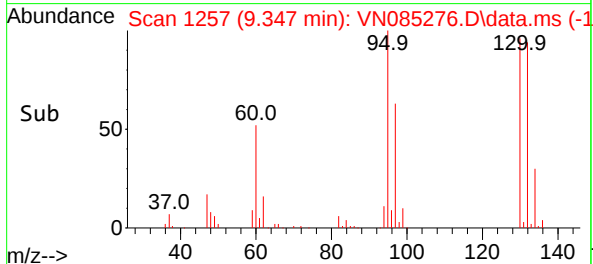
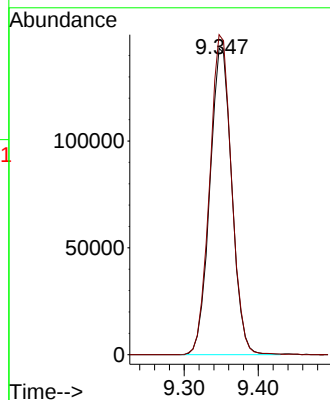
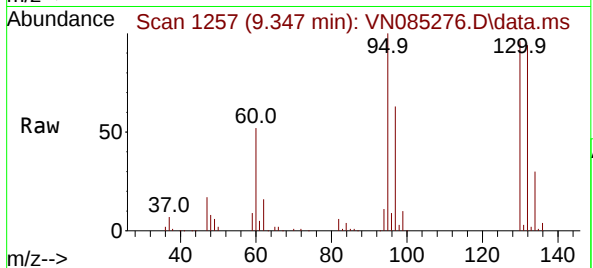
ClientSampleId :

Tgt Ion:130 Resp: 295039

Ion Ratio Lower Upper

130 100

95 104.4 80.0 120.0



#38

Methylcyclohexane

Concen: 158.922 ug/l

RT: 9.600 min Scan# 1300

Delta R.T. 0.000 min

Lab File: VN085276.D

Acq: 20 Dec 2024 11:42

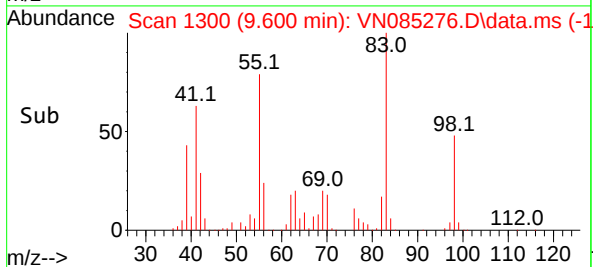
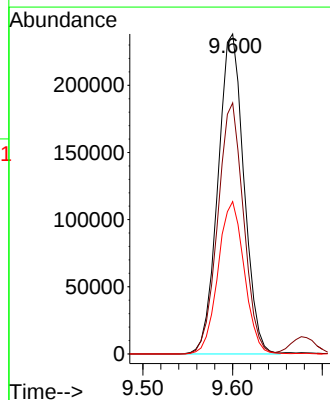
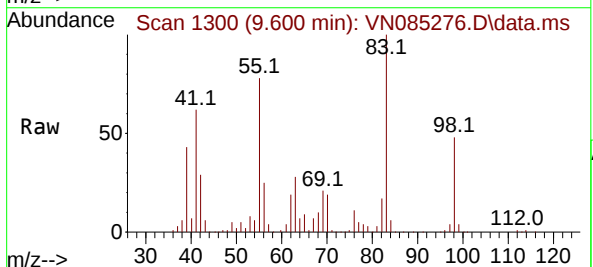
Tgt Ion: 83 Resp: 478702

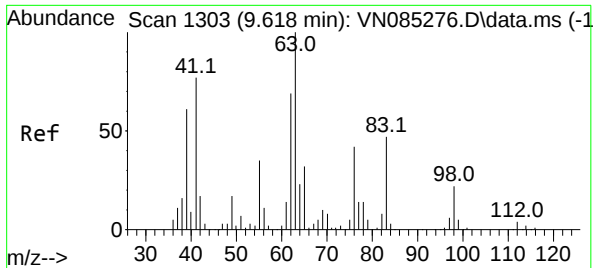
Ion Ratio Lower Upper

83 100

55 77.8 43.6 130.8

98 48.1 24.2 72.6





#39

1,2-Dichloropropane

Concen: 144.489 ug/l

RT: 9.618 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN085276.D

Acq: 20 Dec 2024 11:42

Instrument :

MSVOA_N

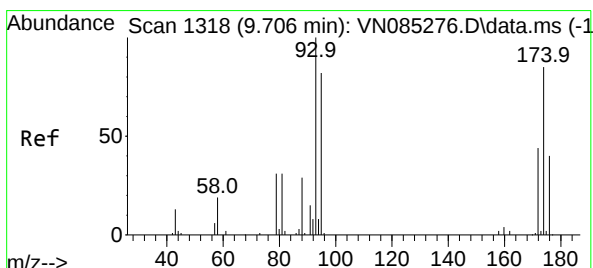
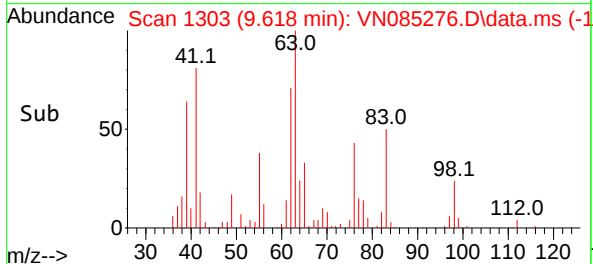
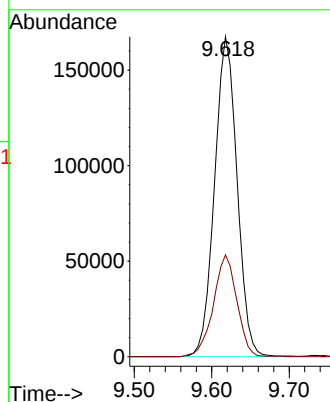
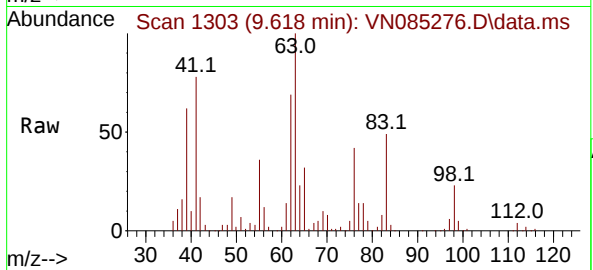
ClientSampleId :

Tgt Ion: 63 Resp: 338235

Ion Ratio Lower Upper

63 100

65 31.8 26.1 39.1



#40

Dibromomethane

Concen: 141.625 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. 0.000 min

Lab File: VN085276.D

Acq: 20 Dec 2024 11:42

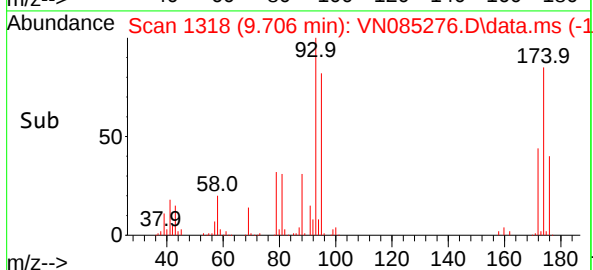
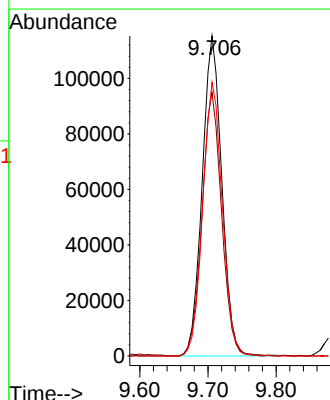
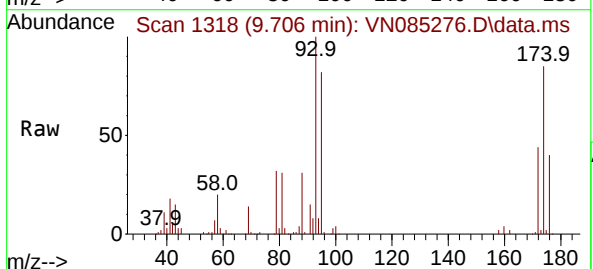
Tgt Ion: 93 Resp: 231145

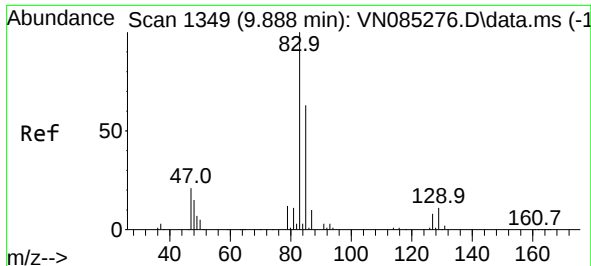
Ion Ratio Lower Upper

93 100

95 82.0 0.0 167.6

174 85.4 0.0 171.0

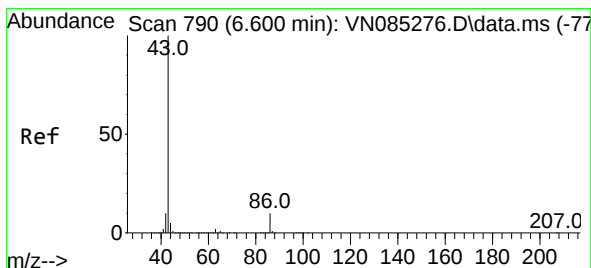
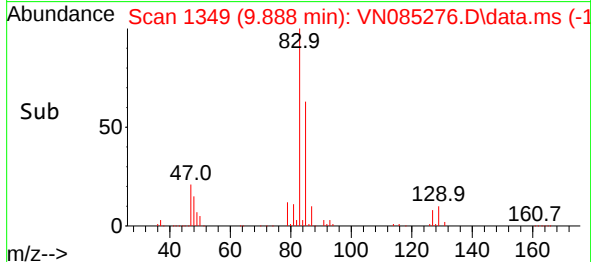
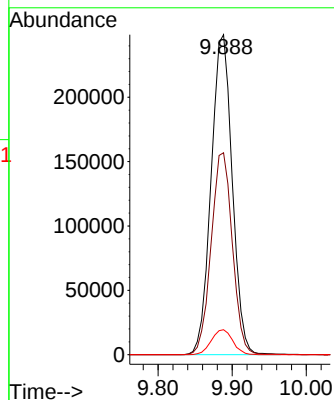
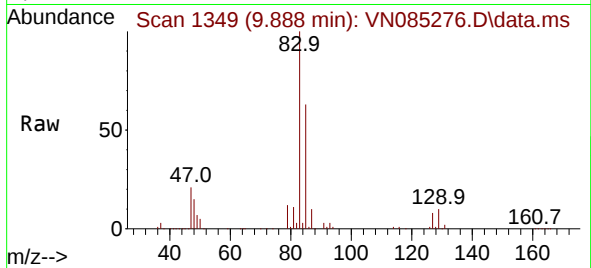




#41
Bromodichloromethane
Concen: 144.248 ug/l
RT: 9.888 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN085276.D
Acq: 20 Dec 2024 11:42

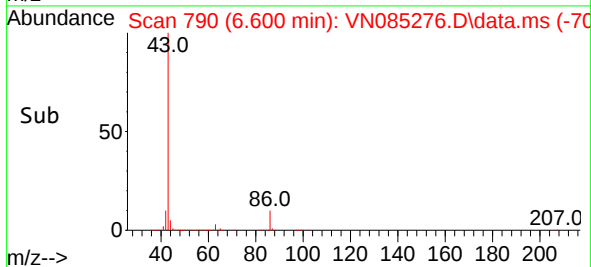
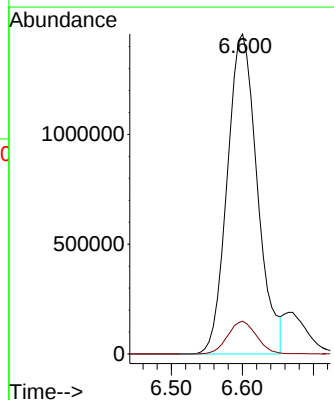
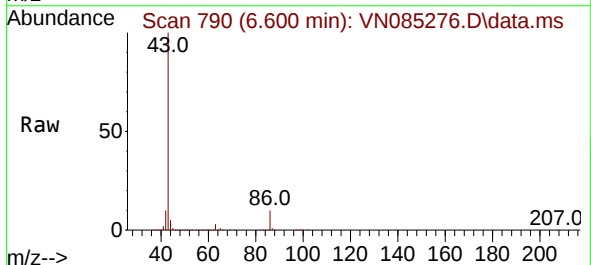
Instrument :
MSVOA_N
ClientSampleId :

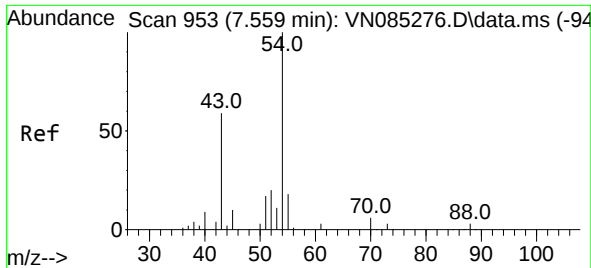
Tgt Ion: 83 Resp: 492008
Ion Ratio Lower Upper
83 100
85 63.1 50.1 75.1
127 7.8 5.8 8.6



#42
Vinyl Acetate
Concen: 791.735 ug/l
RT: 6.600 min Scan# 790
Delta R.T. 0.000 min
Lab File: VN085276.D
Acq: 20 Dec 2024 11:42

Tgt Ion: 43 Resp: 4294003
Ion Ratio Lower Upper
43 100
86 9.8 7.9 11.9

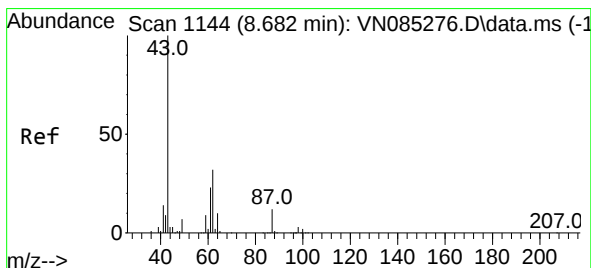
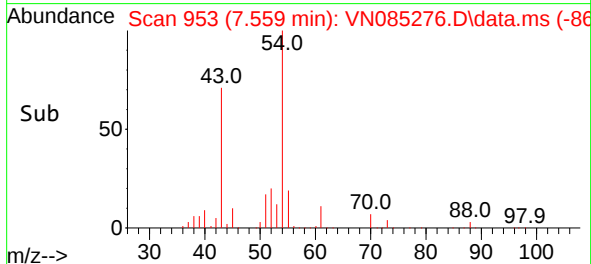
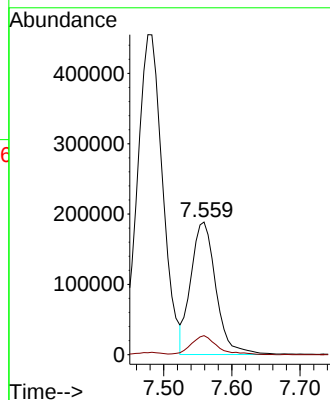
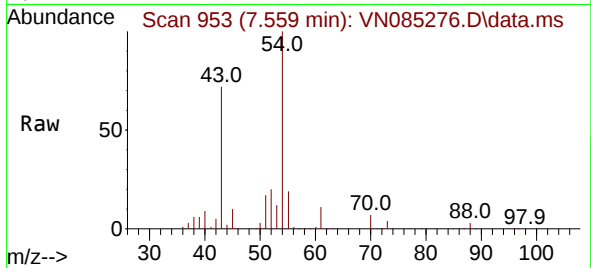




#43
Ethyl Acetate
Concen: 151.167 ug/l
RT: 7.559 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN085276.D
Acq: 20 Dec 2024 11:42

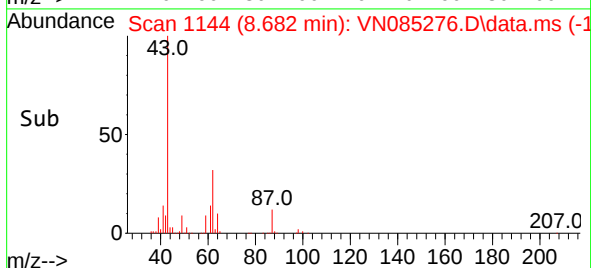
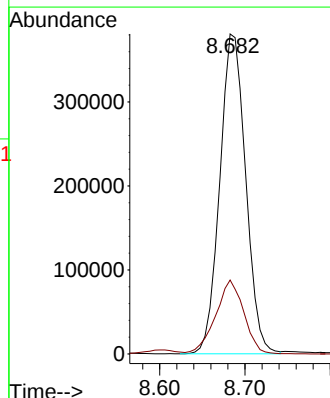
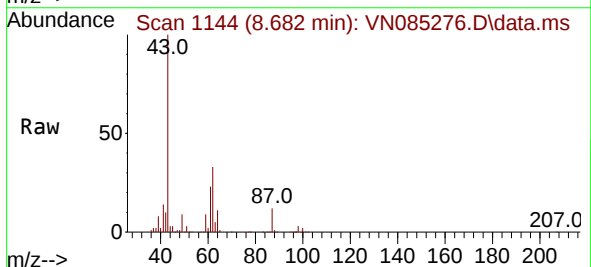
Instrument :
MSVOA_N
ClientSampleId :

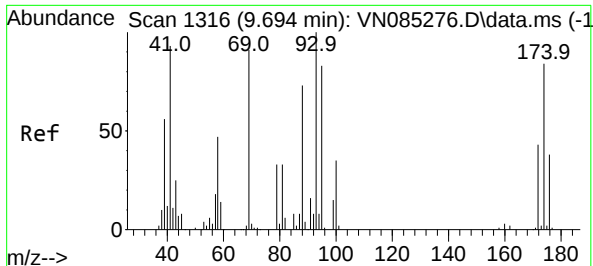
Tgt Ion: 43 Resp: 480322
Ion Ratio Lower Upper
43 100
45 14.9 11.9 17.9



#44
Isopropyl Acetate
Concen: 152.166 ug/l
RT: 8.682 min Scan# 1144
Delta R.T. -0.006 min
Lab File: VN085276.D
Acq: 20 Dec 2024 11:42

Tgt Ion: 43 Resp: 803196
Ion Ratio Lower Upper
43 100
61 24.9 19.7 29.5





#45

1,4-Dioxane

Concen: 2876.180 ug/l

RT: 9.694 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN085276.D

Acq: 20 Dec 2024 11:42

Instrument :

MSVOA_N

ClientSampleId :

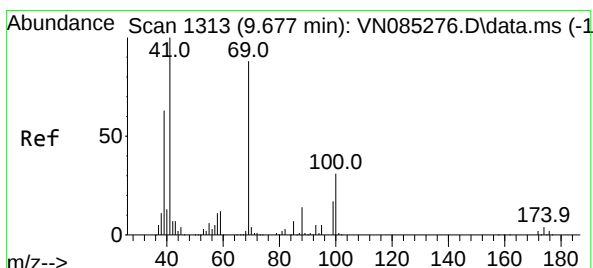
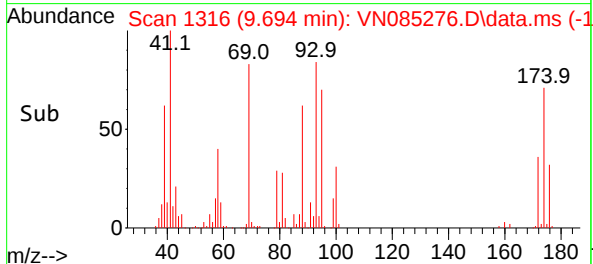
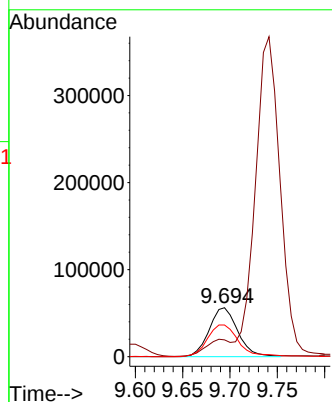
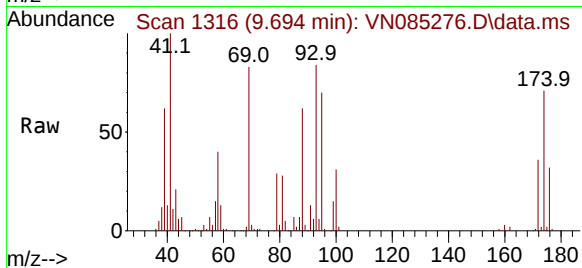
Tgt Ion: 88 Resp: 118082

Ion Ratio Lower Upper

88 100

43 29.4 25.4 38.2

58 71.9 58.5 87.7



#46

Methyl methacrylate

Concen: 156.458 ug/l

RT: 9.677 min Scan# 1313

Delta R.T. -0.006 min

Lab File: VN085276.D

Acq: 20 Dec 2024 11:42

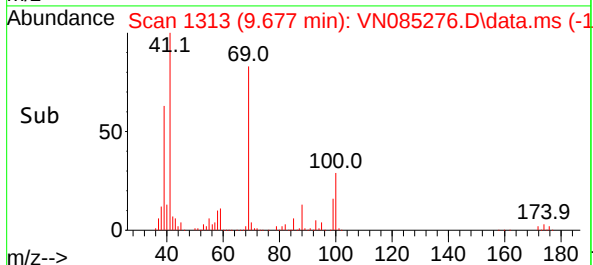
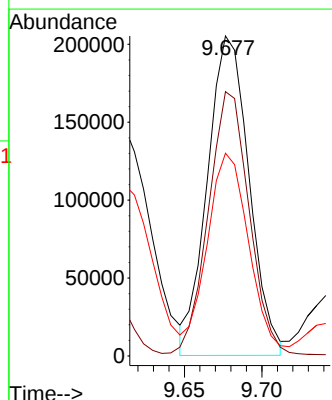
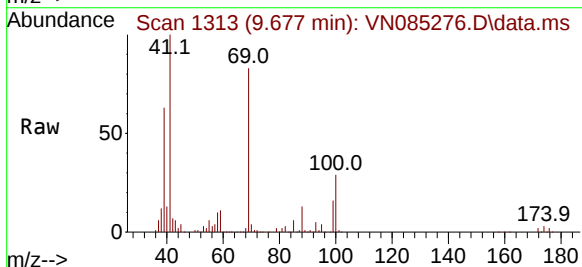
Tgt Ion: 41 Resp: 383334

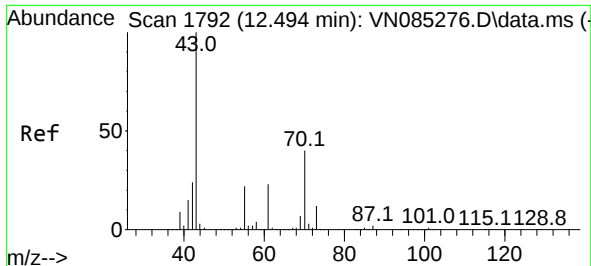
Ion Ratio Lower Upper

41 100

69 83.7 39.9 119.6

39 63.0 31.6 95.0

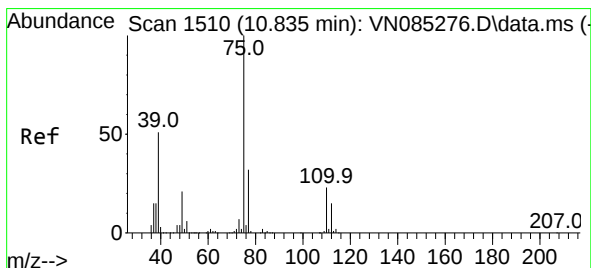
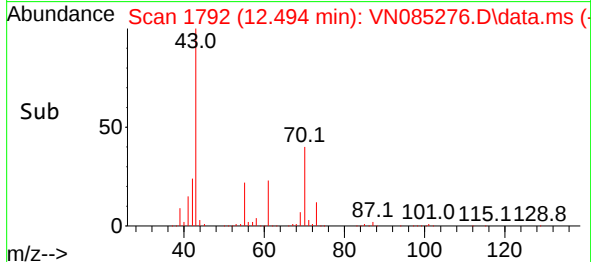
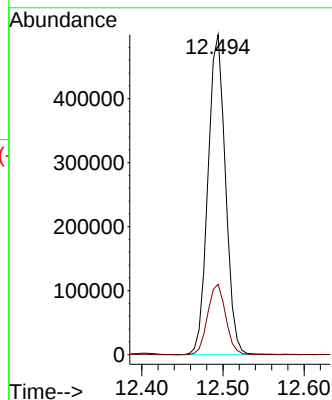
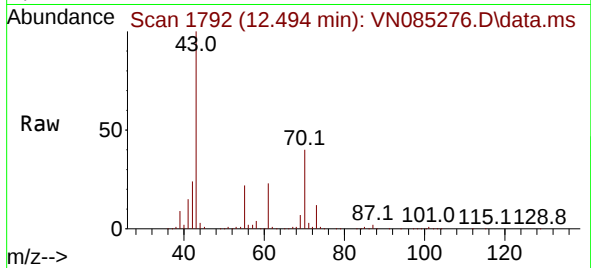




#47
n-amy1 Acetate
Concen: 166.415 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN085276.D
Acq: 20 Dec 2024 11:42

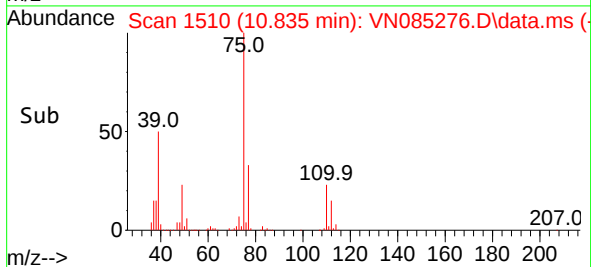
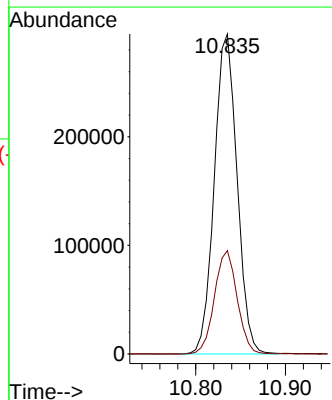
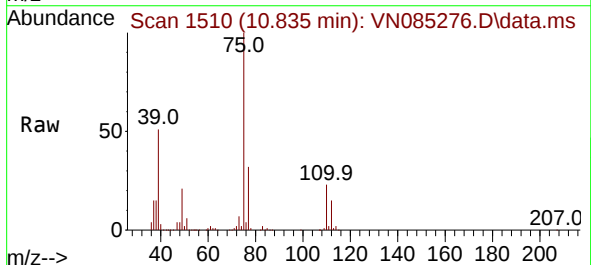
Instrument :
MSVOA_N
ClientSampleId :

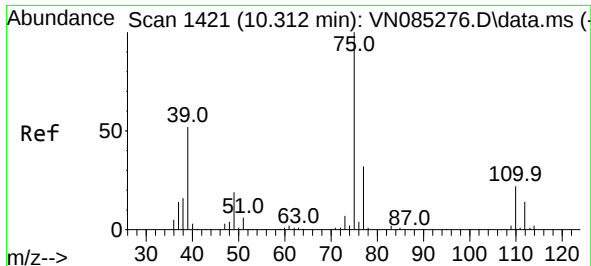
Tgt Ion: 43 Resp: 748297
Ion Ratio Lower Upper
43 100
55 22.6 21.3 31.9



#48
t-1,3-Dichloropropene
Concen: 153.981 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.006 min
Lab File: VN085276.D
Acq: 20 Dec 2024 11:42

Tgt Ion: 75 Resp: 518772
Ion Ratio Lower Upper
75 100
77 32.3 23.8 35.6

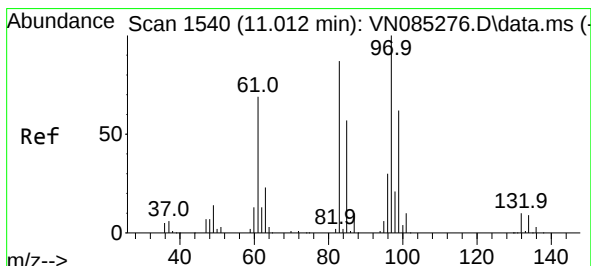
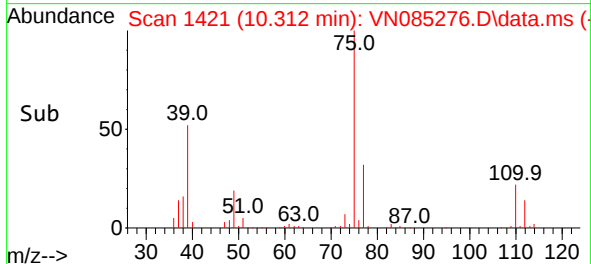
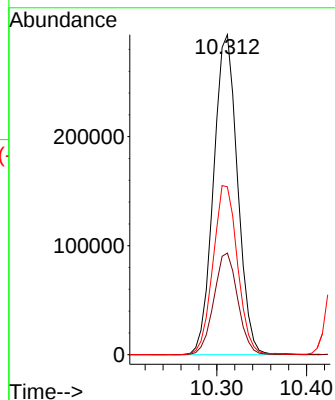
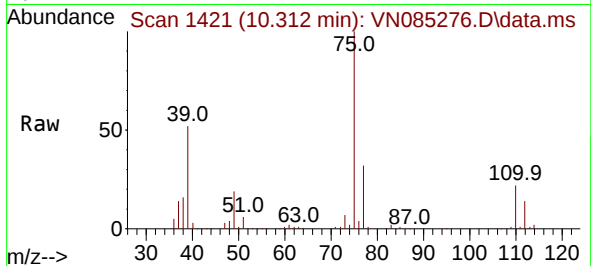




#49
 cis-1,3-Dichloropropene
 Concen: 150.530 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. 0.000 min
 Lab File: VN085276.D
 Acq: 20 Dec 2024 11:42

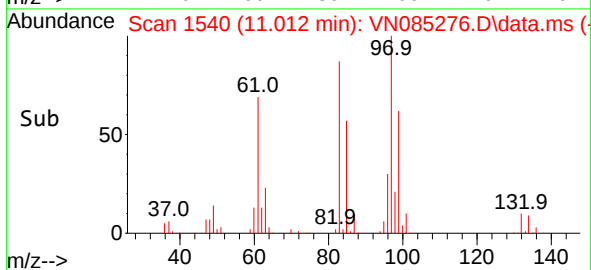
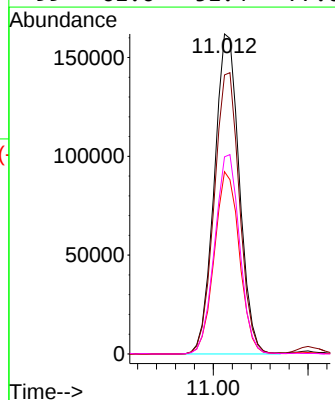
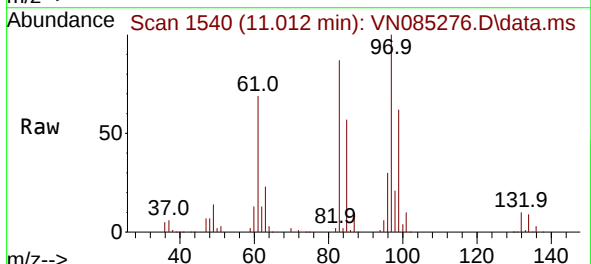
Instrument :
 MSVOA_N
 ClientSampleId :

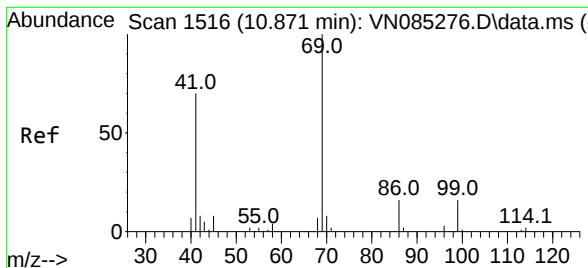
Tgt Ion:	75	Resp:	545222
Ion	Ratio	Lower	Upper
75	100		
77	31.7	26.6	40.0
39	52.5	41.9	62.9



#50
 1,1,2-Trichloroethane
 Concen: 139.393 ug/l
 RT: 11.012 min Scan# 1540
 Delta R.T. 0.000 min
 Lab File: VN085276.D
 Acq: 20 Dec 2024 11:42

Tgt Ion:	97	Resp:	297532
Ion	Ratio	Lower	Upper
97	100		
83	87.2	72.2	108.2
85	57.0	46.6	70.0
99	61.6	51.4	77.0

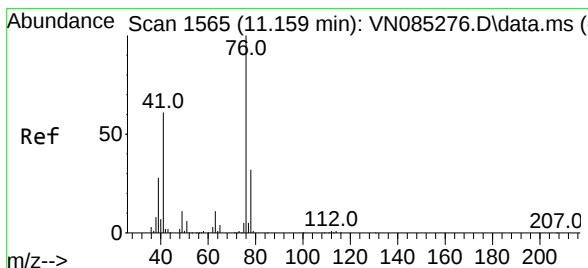
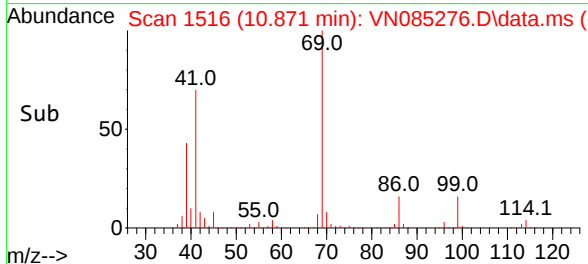
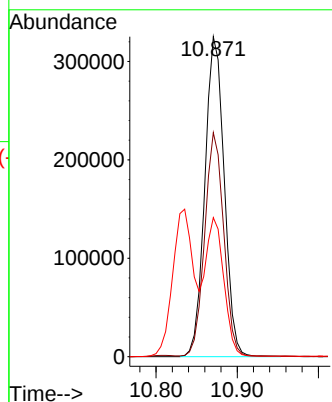
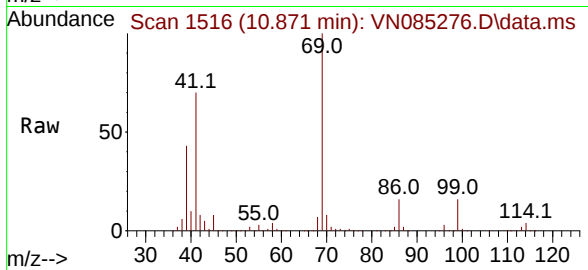




#51
Ethyl methacrylate
Concen: 166.516 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VN085276.D
Acq: 20 Dec 2024 11:42

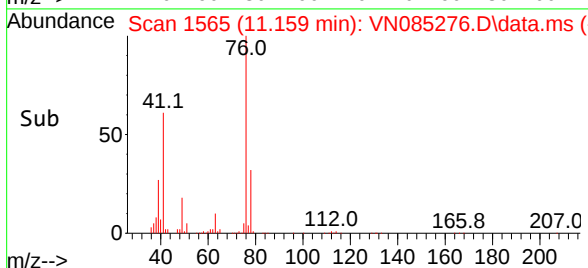
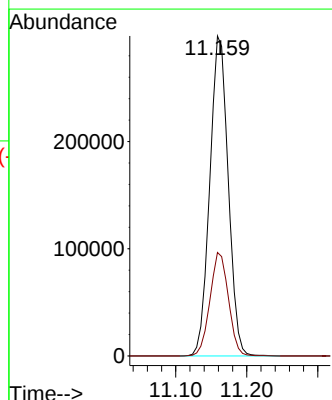
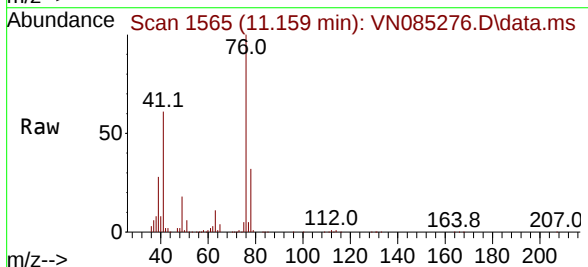
Instrument :
MSVOA_N
ClientSampleId :

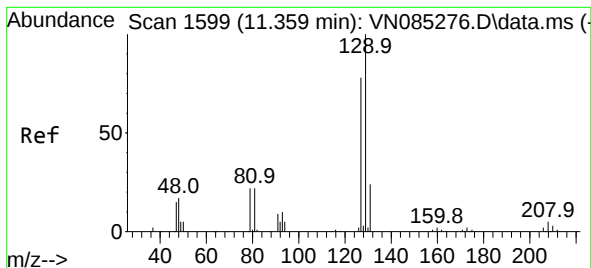
Tgt Ion: 69 Resp: 537584
Ion Ratio Lower Upper
69 100
41 69.8 38.1 114.5
39 43.3 24.1 72.2



#52
1,3-Dichloropropane
Concen: 144.204 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. 0.000 min
Lab File: VN085276.D
Acq: 20 Dec 2024 11:42

Tgt Ion: 76 Resp: 537291
Ion Ratio Lower Upper
76 100
78 32.5 0.0 66.2

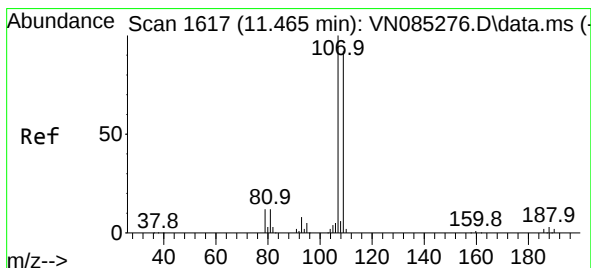
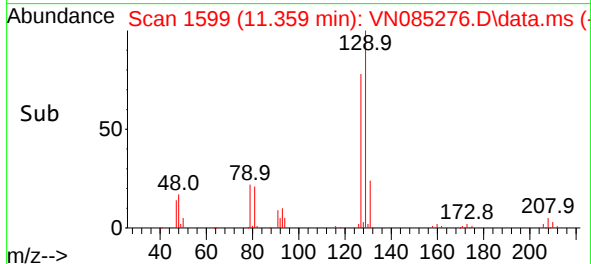
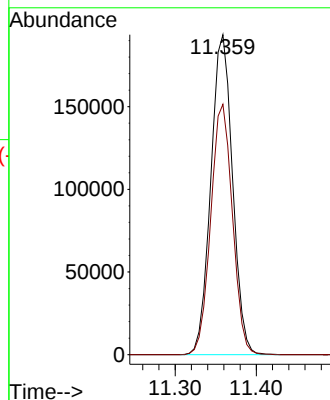
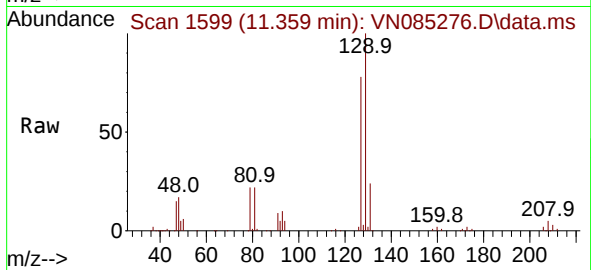




#53
Dibromochloromethane
Concen: 143.703 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN085276.D
Acq: 20 Dec 2024 11:42

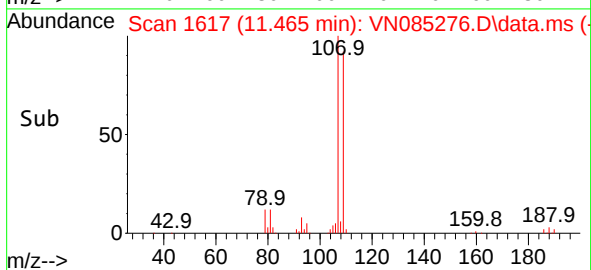
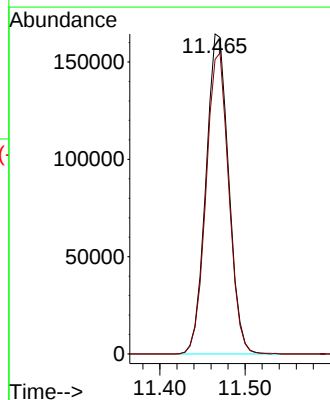
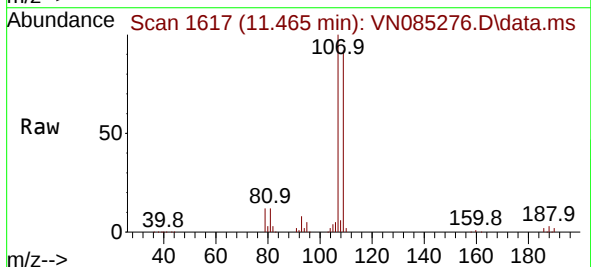
Instrument :
MSVOA_N
ClientSampleId :

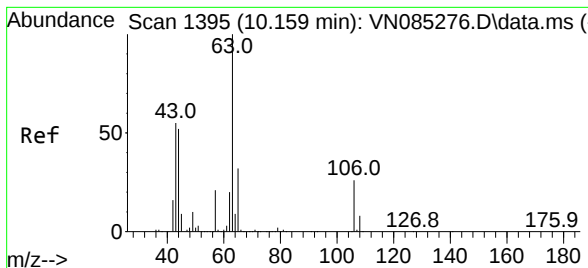
Tgt Ion:129 Resp: 359410
Ion Ratio Lower Upper
129 100
127 78.2 38.1 114.3



#54
1,2-Dibromoethane
Concen: 147.658 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. 0.000 min
Lab File: VN085276.D
Acq: 20 Dec 2024 11:42

Tgt Ion:107 Resp: 305011
Ion Ratio Lower Upper
107 100
109 93.9 76.2 114.4

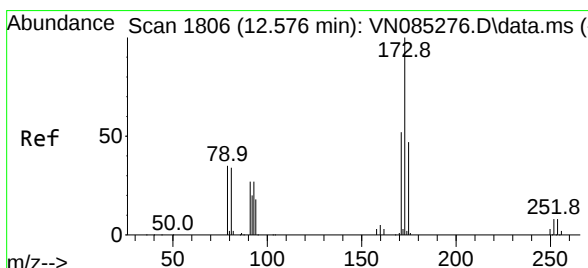
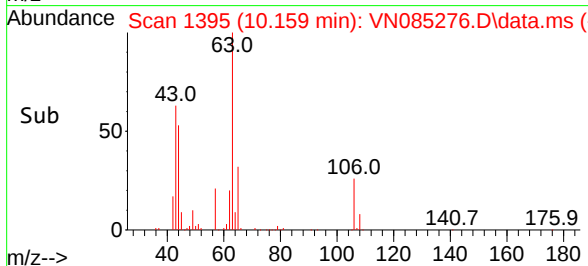
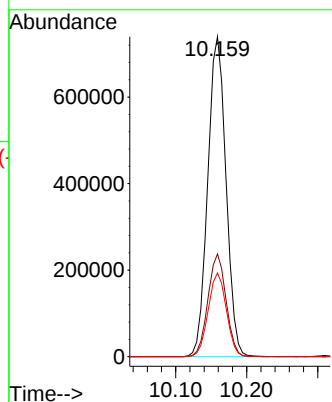
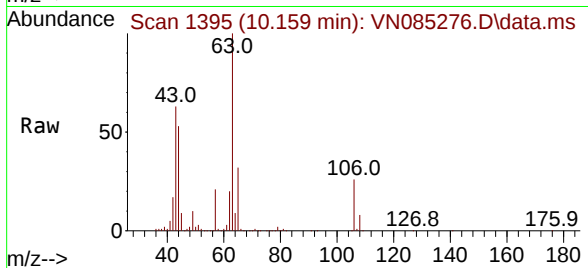




#55
2-Chloroethyl vinyl ether
Concen: 794.138 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VN085276.D
Acq: 20 Dec 2024 11:42

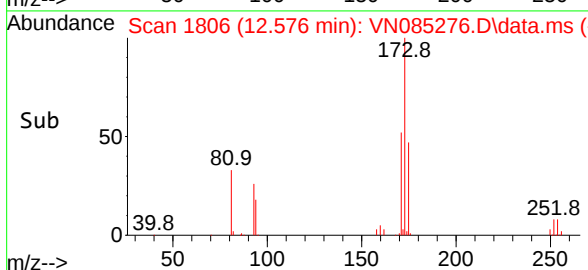
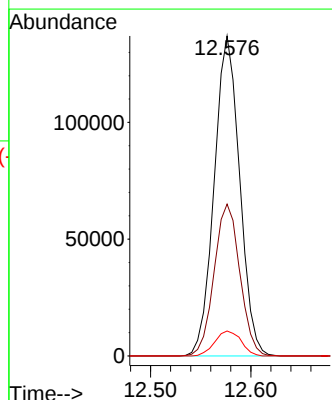
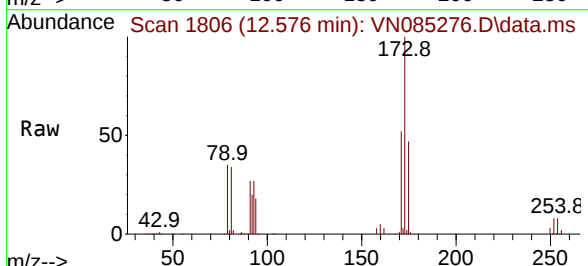
Instrument :
MSVOA_N
ClientSampleId :

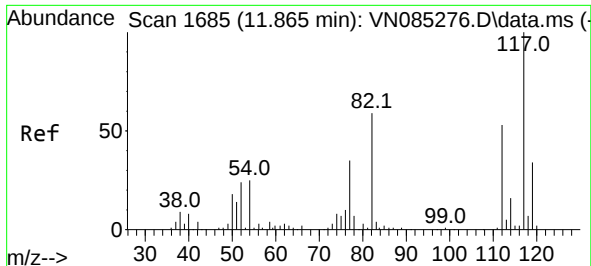
Tgt Ion: 63 Resp: 1320616
Ion Ratio Lower Upper
63 100
65 31.9 25.9 38.9
106 26.1 21.2 31.8



#56
Bromoform
Concen: 148.125 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VN085276.D
Acq: 20 Dec 2024 11:42

Tgt Ion: 173 Resp: 241680
Ion Ratio Lower Upper
173 100
175 48.0 39.4 59.2
254 8.1 7.2 10.8





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN085276.D

Acq: 20 Dec 2024 11:42

Instrument :

MSVOA_N

ClientSampleId :

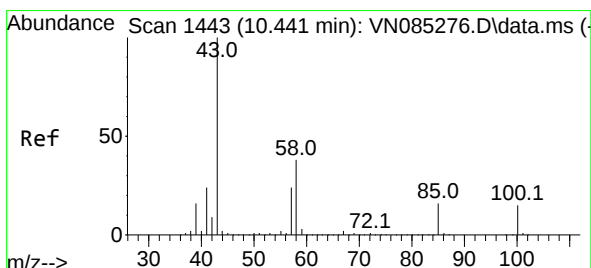
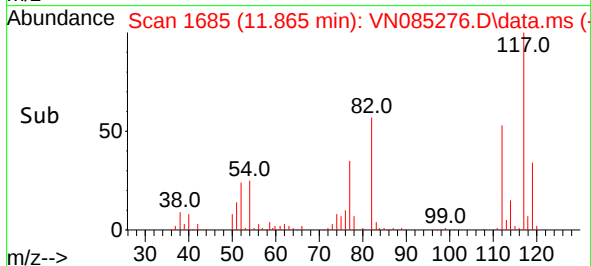
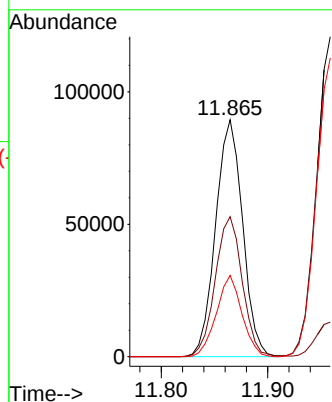
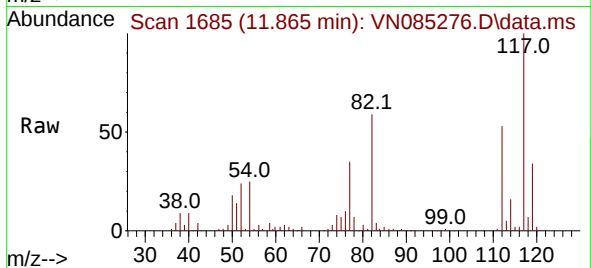
Tgt Ion:117 Resp: 157508

Ion Ratio Lower Upper

117 100

82 59.1 47.4 71.0

119 32.4 25.3 37.9



#58

4-Methyl-2-Pentanone

Concen: 760.003 ug/l

RT: 10.441 min Scan# 1443

Delta R.T. 0.000 min

Lab File: VN085276.D

Acq: 20 Dec 2024 11:42

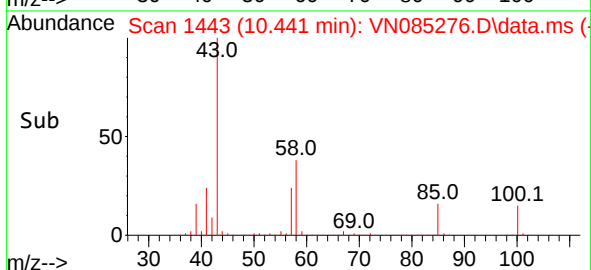
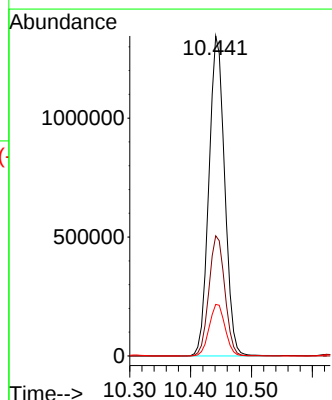
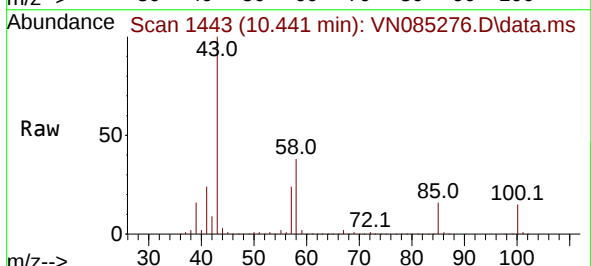
Tgt Ion: 43 Resp: 2426748

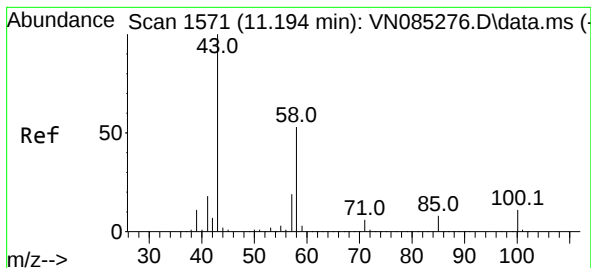
Ion Ratio Lower Upper

43 100

58 37.9 29.2 43.8

85 16.3 12.8 19.2





#59

2-Hexanone

Concen: 771.576 ug/l

RT: 11.194 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN085276.D

Acq: 20 Dec 2024 11:42

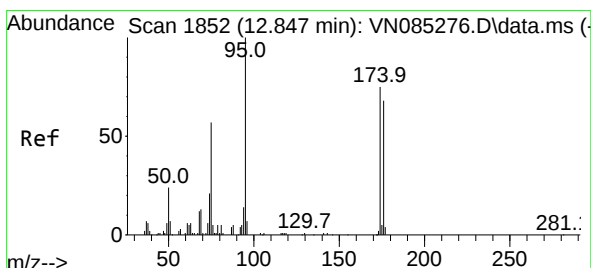
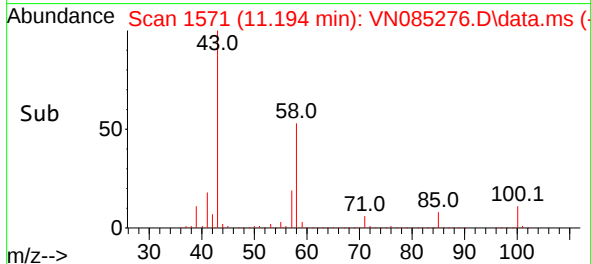
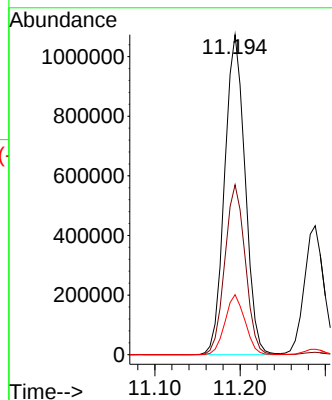
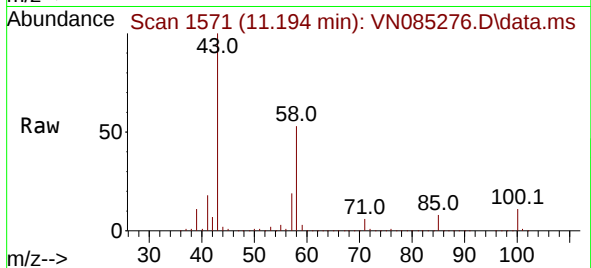
Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion: 43 Resp: 1789778

Ion	Ratio	Lower	Upper
43	100		
58	53.1	40.2	60.4
57	18.4	14.2	21.4



#60

4-Bromofluorobenzene

Concen: 30.956 ug/l

RT: 12.847 min Scan# 1852

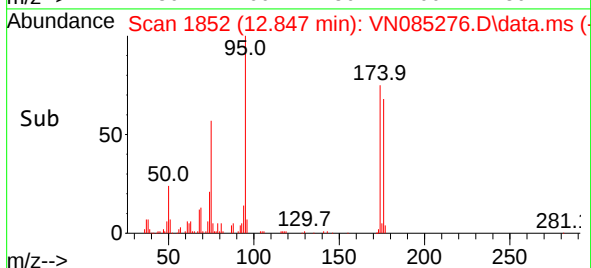
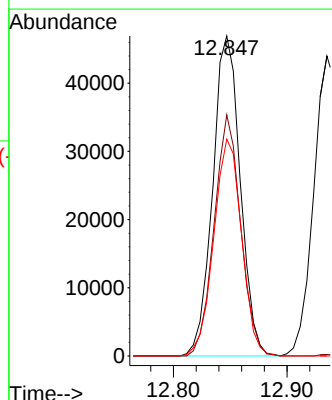
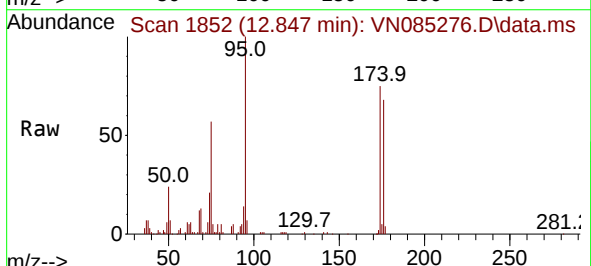
Delta R.T. 0.000 min

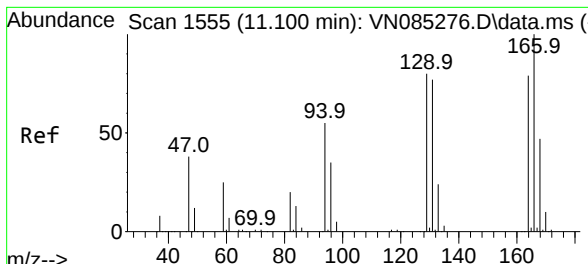
Lab File: VN085276.D

Acq: 20 Dec 2024 11:42

Tgt Ion: 95 Resp: 78980

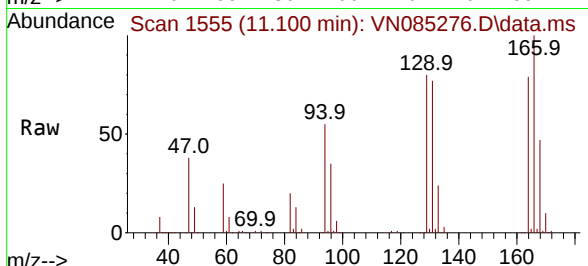
Ion	Ratio	Lower	Upper
95	100		
174	72.5	57.8	86.8
176	68.5	57.1	85.7





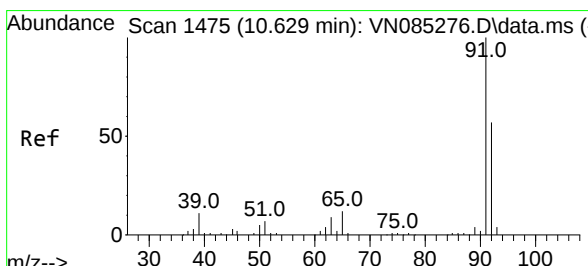
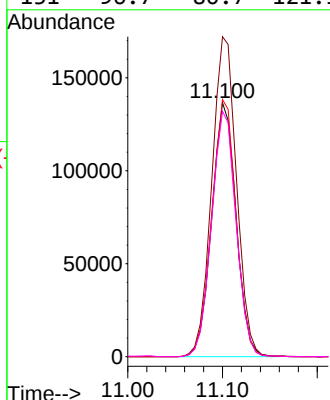
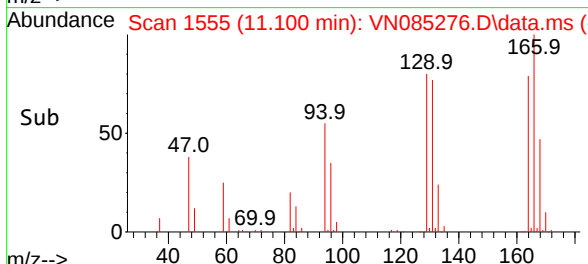
#61
Tetrachloroethene
Concen: 138.658 ug/l
RT: 11.100 min Scan# 1155
Delta R.T. 0.000 min
Lab File: VN085276.D
Acq: 20 Dec 2024 11:42

Instrument :
MSVOA_N
ClientSampleId :

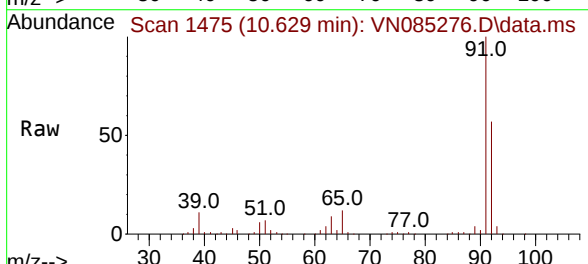


Tgt Ion:164 Resp: 243812

Ion	Ratio	Lower	Upper
164	100		
166	126.1	109.0	163.4
129	101.3	85.1	127.7
131	96.7	80.7	121.1

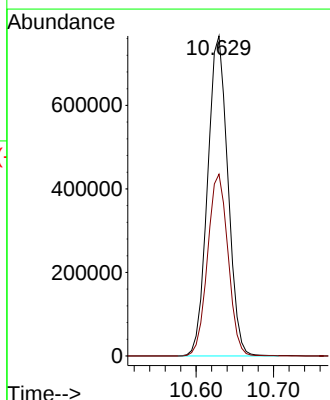
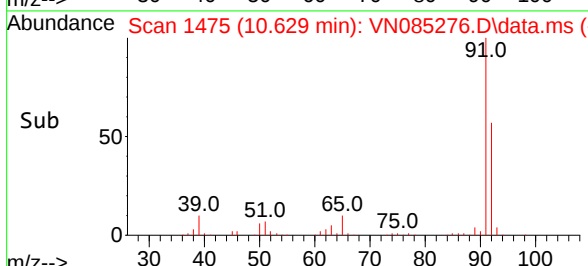


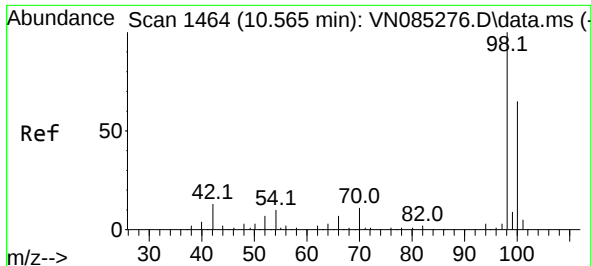
#62
Toluene
Concen: 144.057 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN085276.D
Acq: 20 Dec 2024 11:42



Tgt Ion: 91 Resp: 1393988

Ion	Ratio	Lower	Upper
91	100		
92	57.4	45.9	68.9

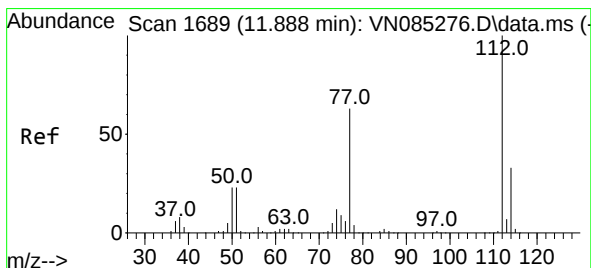
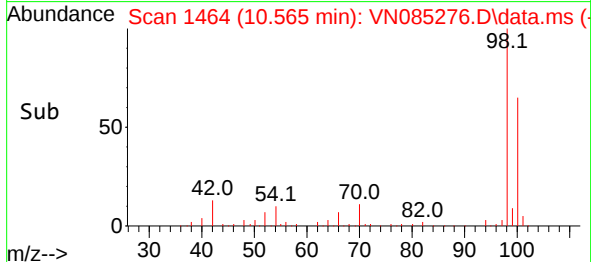
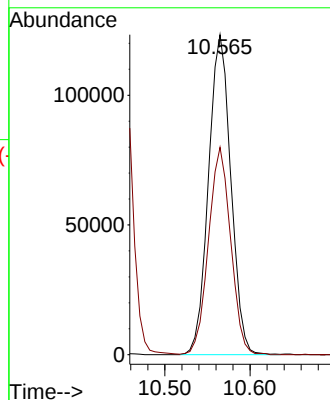
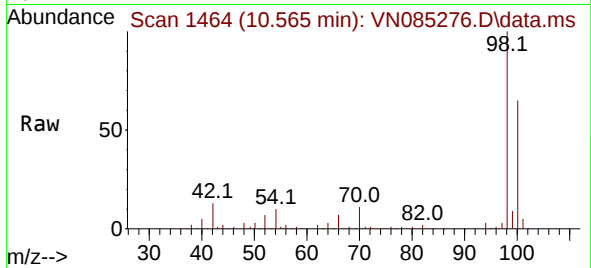




#63
Toluene-d8
Concen: 29.282 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN085276.D
Acq: 20 Dec 2024 11:42

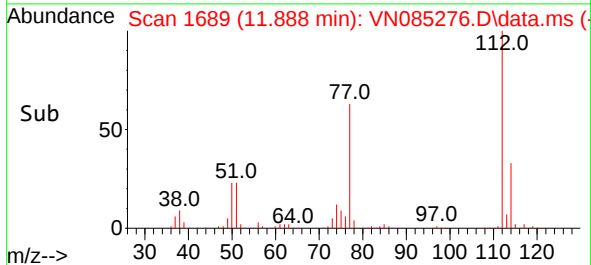
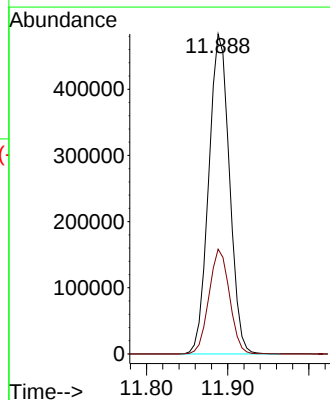
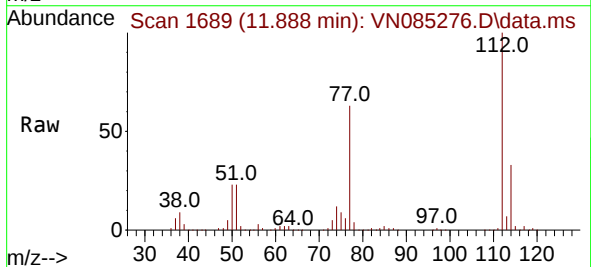
Instrument :
MSVOA_N
ClientSampleId :

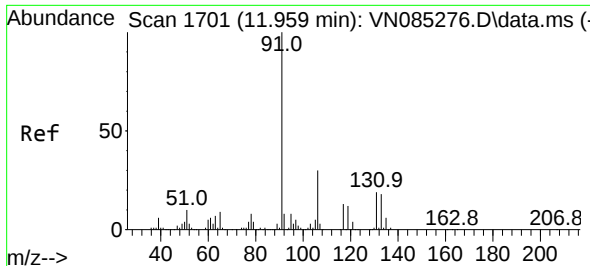
Tgt Ion: 98 Resp: 225212
Ion Ratio Lower Upper
98 100
100 63.8 50.8 76.2



#64
Chlorobenzene
Concen: 146.943 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. 0.000 min
Lab File: VN085276.D
Acq: 20 Dec 2024 11:42

Tgt Ion: 112 Resp: 857578
Ion Ratio Lower Upper
112 100
114 32.8 26.4 39.6

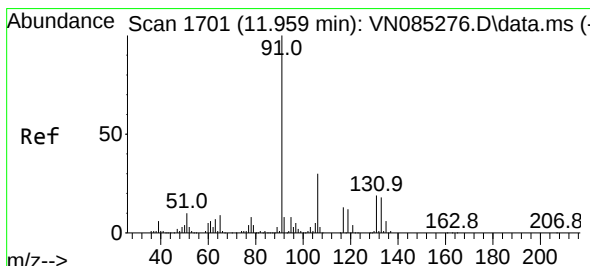
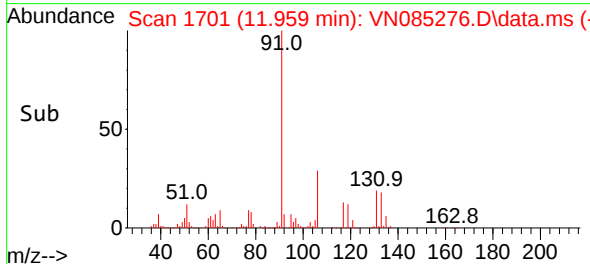
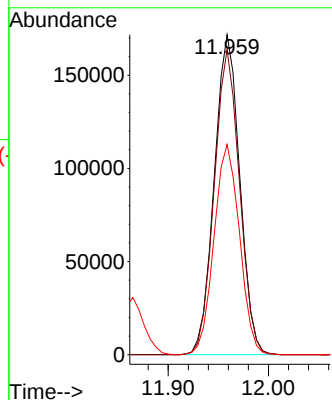
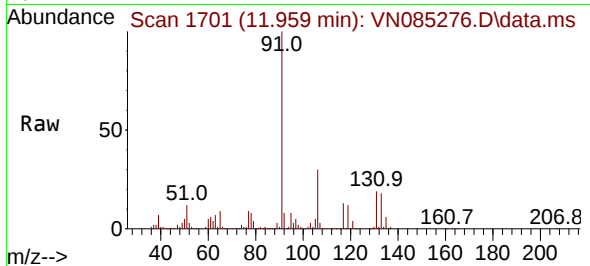




#65
1,1,1,2-Tetrachloroethane
Concen: 142.827 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN085276.D
Acq: 20 Dec 2024 11:42

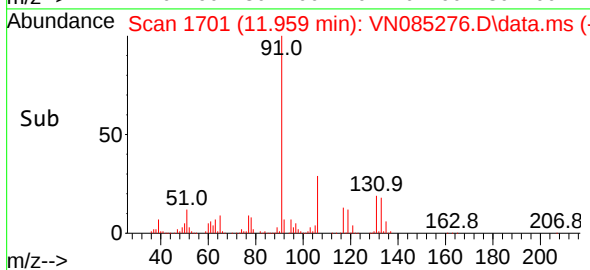
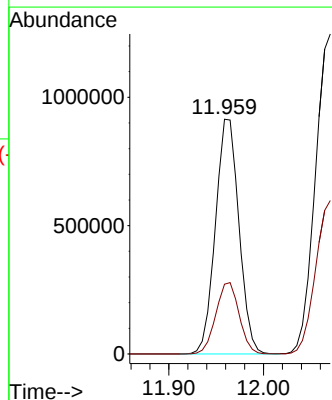
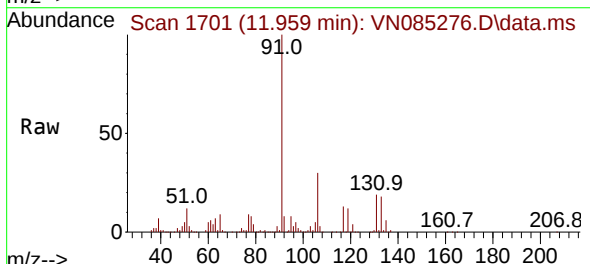
Instrument :
MSVOA_N
ClientSampleId :

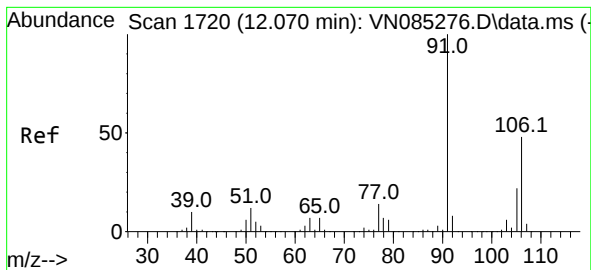
Tgt Ion:131 Resp: 302293
Ion Ratio Lower Upper
131 100
133 94.7 0.0 189.4
119 66.0 0.0 135.0



#66
Ethyl Benzene
Concen: 155.229 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN085276.D
Acq: 20 Dec 2024 11:42

Tgt Ion: 91 Resp: 1580537
Ion Ratio Lower Upper
91 100
106 29.7 23.2 34.8

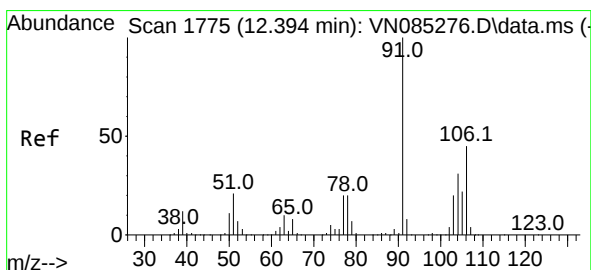
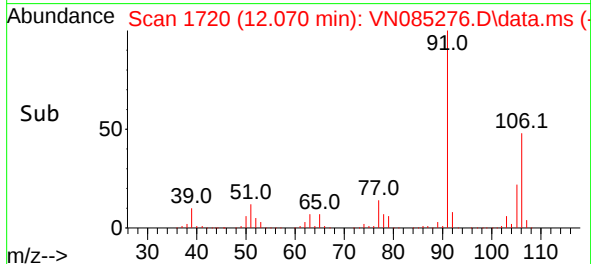
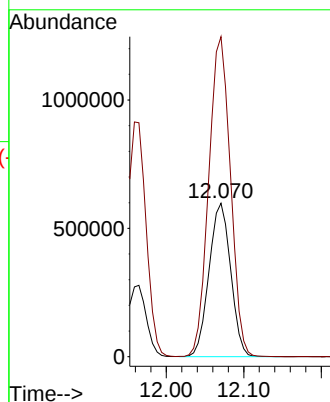
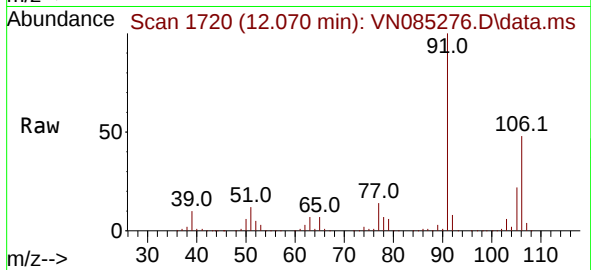




#67
m/p-Xylenes
Concen: 303.865 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN085276.D
Acq: 20 Dec 2024 11:42

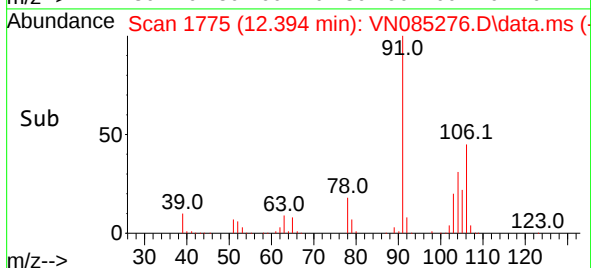
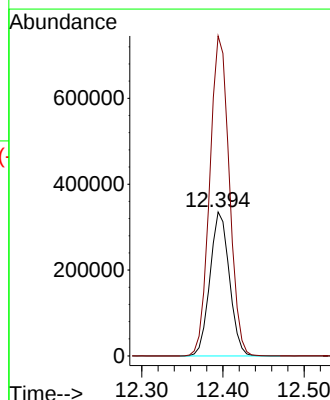
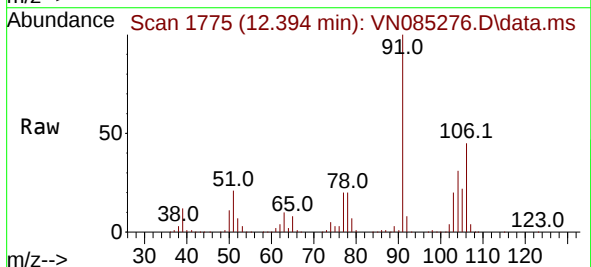
Instrument :
MSVOA_N
ClientSampleId :

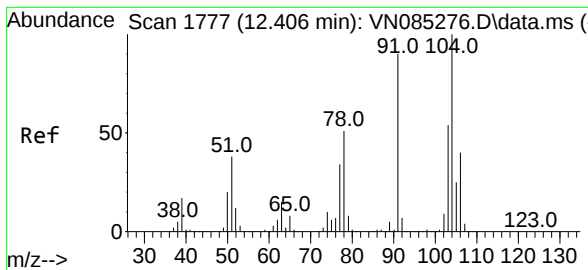
Tgt Ion:106 Resp: 1160717
Ion Ratio Lower Upper
106 100
91 209.3 167.0 250.4



#68
o-Xylene
Concen: 152.896 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN085276.D
Acq: 20 Dec 2024 11:42

Tgt Ion:106 Resp: 556306
Ion Ratio Lower Upper
106 100
91 224.0 110.6 331.8





#69

Styrene

Concen: 156.955 ug/l

RT: 12.406 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN085276.D

Acq: 20 Dec 2024 11:42

Instrument :

MSVOA_N

ClientSampleId :

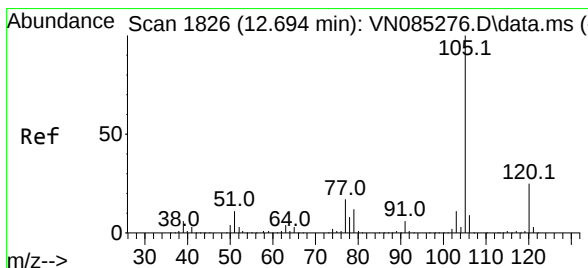
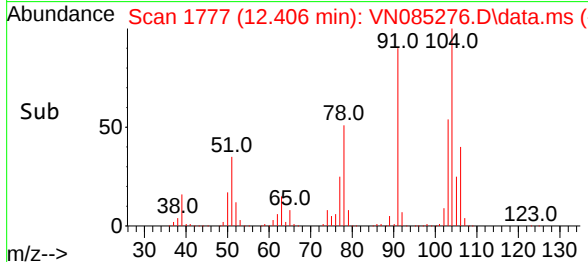
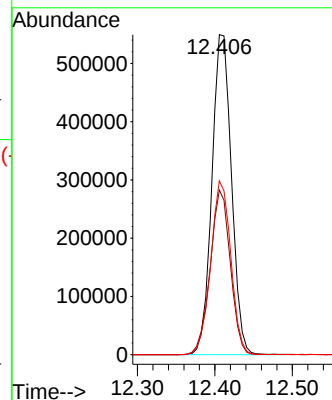
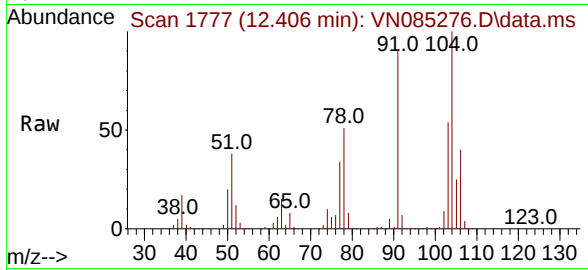
Tgt Ion:104 Resp: 965130

Ion Ratio Lower Upper

104 100

78 52.8 41.0 61.4

103 55.6 44.8 67.2



#70

Isopropylbenzene

Concen: 159.099 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. 0.000 min

Lab File: VN085276.D

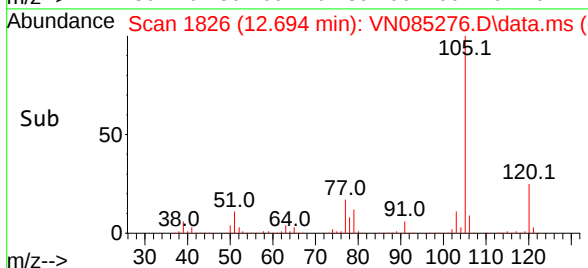
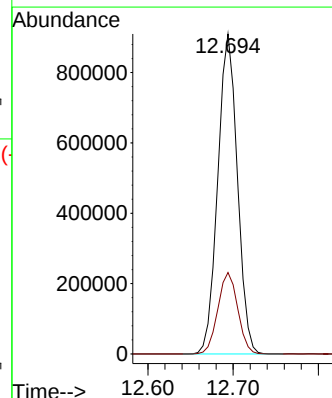
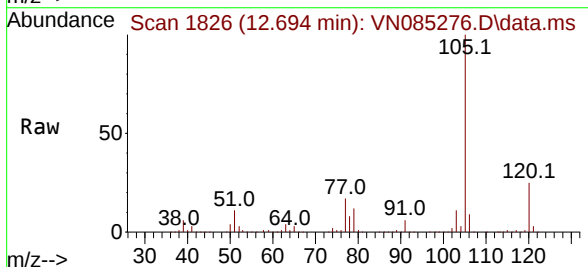
Acq: 20 Dec 2024 11:42

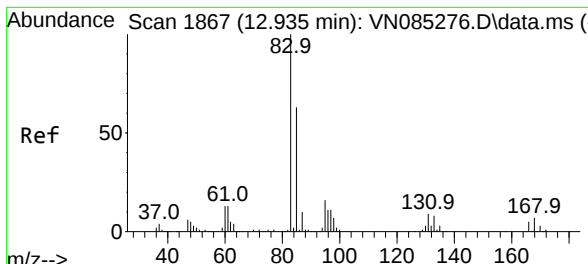
Tgt Ion:105 Resp: 1453567

Ion Ratio Lower Upper

105 100

120 25.8 18.4 34.2

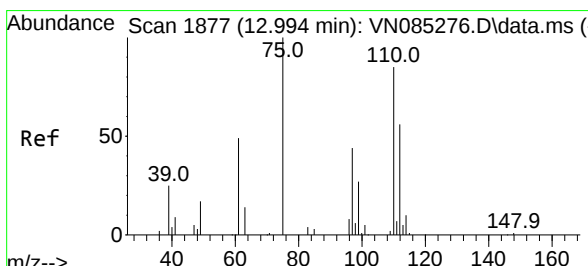
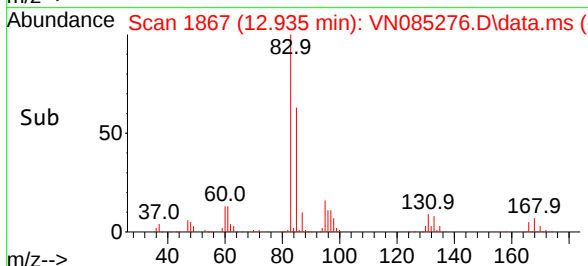
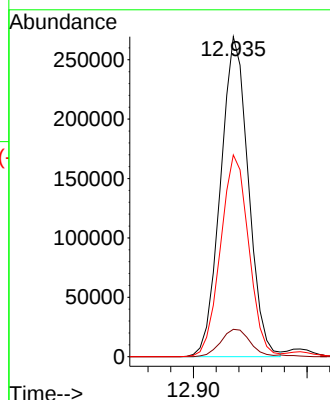
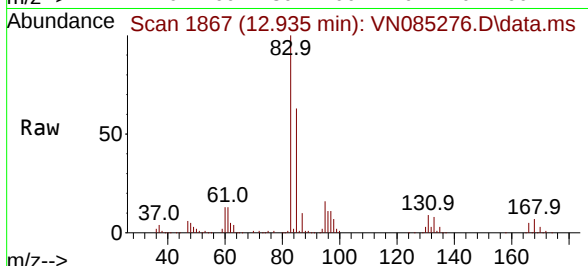




#71
 1,1,2,2-Tetrachloroethane
 Concen: 141.611 ug/l
 RT: 12.935 min Scan# 1867
 Delta R.T. 0.000 min
 Lab File: VN085276.D
 Acq: 20 Dec 2024 11:42

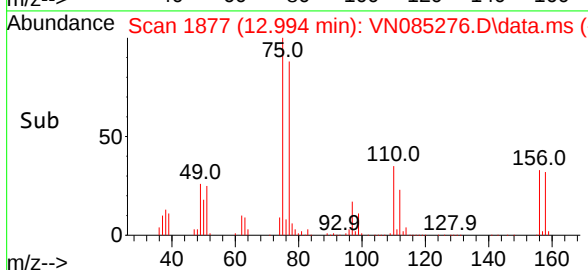
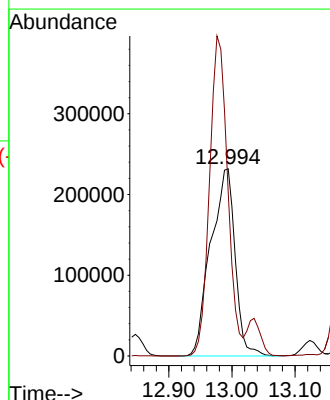
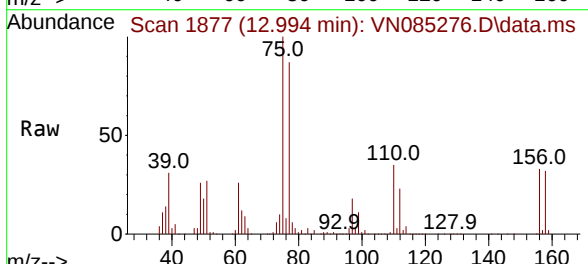
Instrument :
 MSVOA_N
 ClientSampleId :

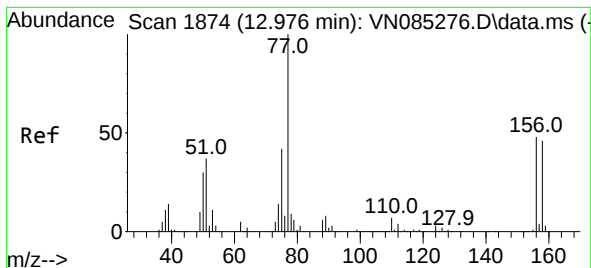
Tgt Ion: 83 Resp: 458872
 Ion Ratio Lower Upper
 83 100
 131 9.0 5.0 15.0
 85 63.8 33.0 98.9



#72
 1,2,3-Trichloropropane
 Concen: 214.054 ug/l
 RT: 12.994 min Scan# 1877
 Delta R.T. 0.000 min
 Lab File: VN085276.D
 Acq: 20 Dec 2024 11:42

Tgt Ion: 75 Resp: 621567
 Ion Ratio Lower Upper
 75 100
 77 127.5 0.0 319.6





#73

Bromobenzene

Concen: 148.408 ug/l

RT: 12.976 min Scan# 1874

Delta R.T. 0.000 min

Lab File: VN085276.D

Acq: 20 Dec 2024 11:42

Instrument :

MSVOA_N

ClientSampleId :

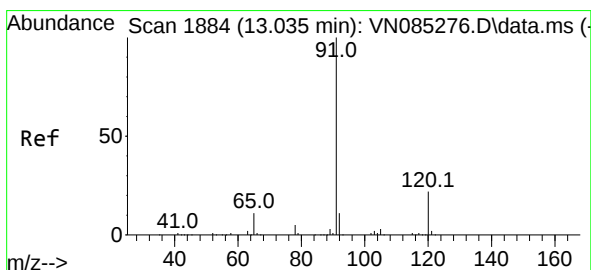
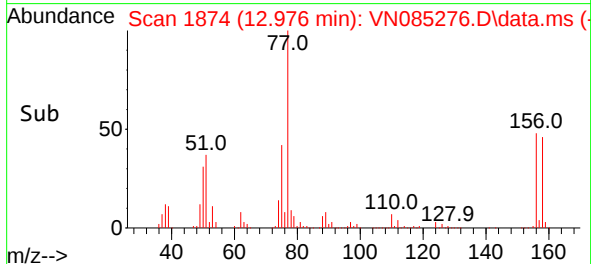
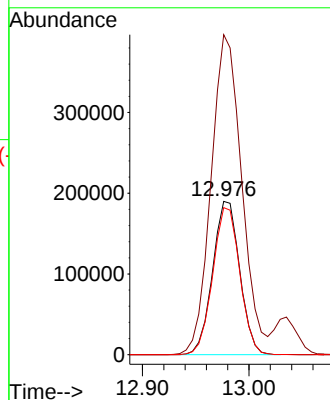
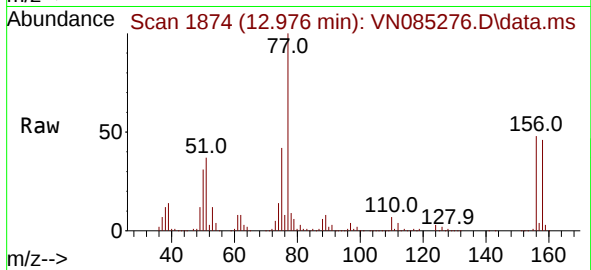
Tgt Ion:156 Resp: 334967

Ion Ratio Lower Upper

156 100

77 236.6 0.0 462.6

158 95.9 0.0 186.4



#74

n-propylbenzene

Concen: 155.531 ug/l

RT: 13.035 min Scan# 1884

Delta R.T. 0.000 min

Lab File: VN085276.D

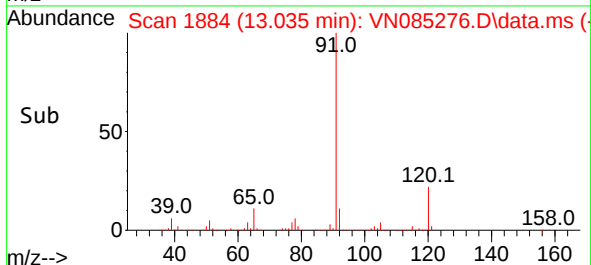
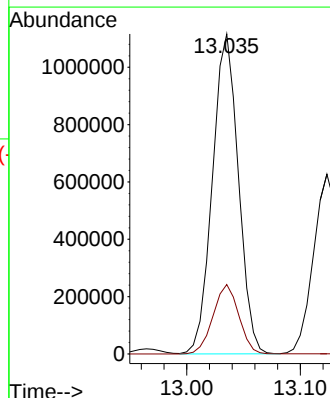
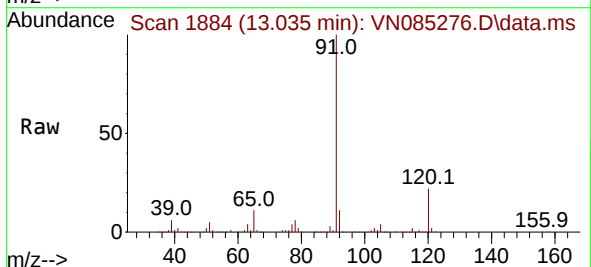
Acq: 20 Dec 2024 11:42

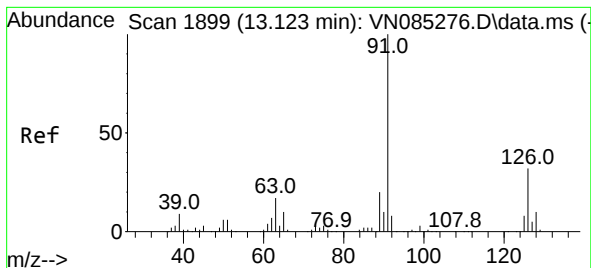
Tgt Ion: 91 Resp: 1770285

Ion Ratio Lower Upper

91 100

120 21.5 0.0 41.4

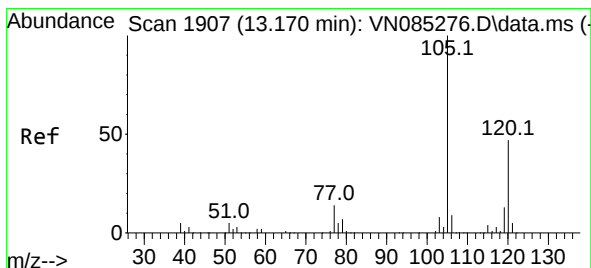
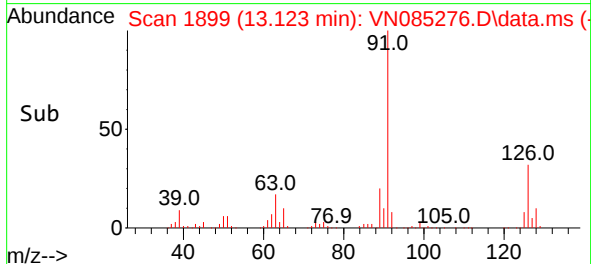
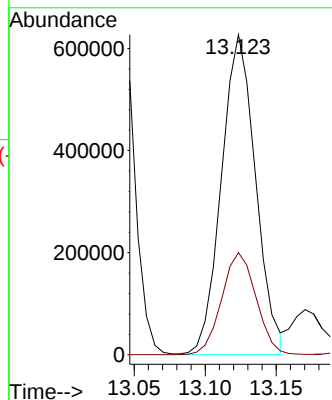
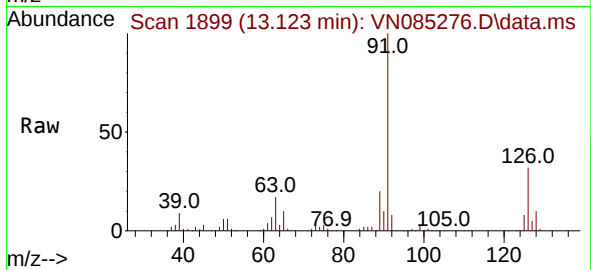




#75
2-Chlorotoluene
Concen: 153.101 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN085276.D
Acq: 20 Dec 2024 11:42

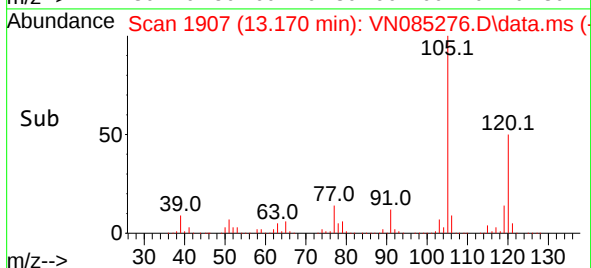
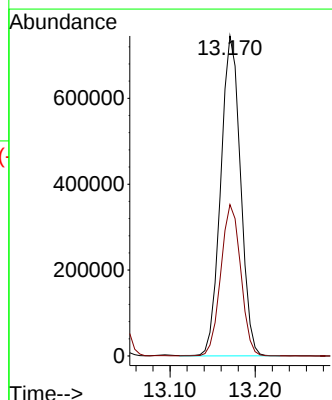
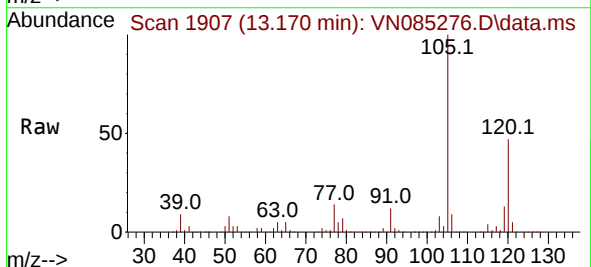
Instrument :
MSVOA_N
ClientSampleId :

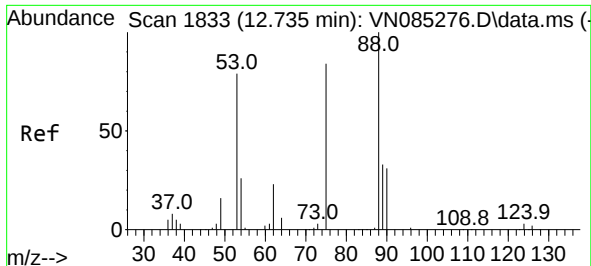
Tgt Ion: 91 Resp: 1049767
Ion Ratio Lower Upper
91 100
126 32.0 0.0 65.0



#76
1,3,5-Trimethylbenzene
Concen: 154.448 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VN085276.D
Acq: 20 Dec 2024 11:42

Tgt Ion: 105 Resp: 1204028
Ion Ratio Lower Upper
105 100
120 47.7 0.0 95.0

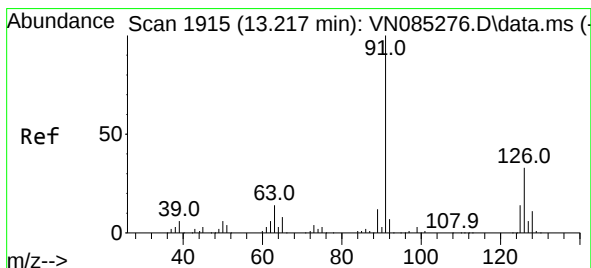
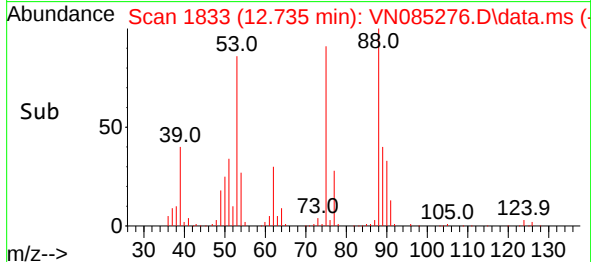
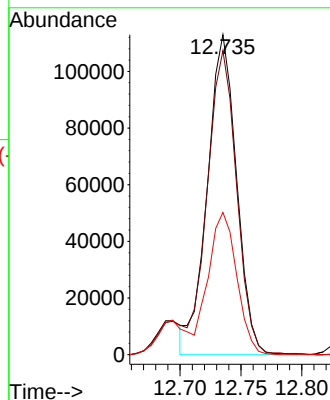
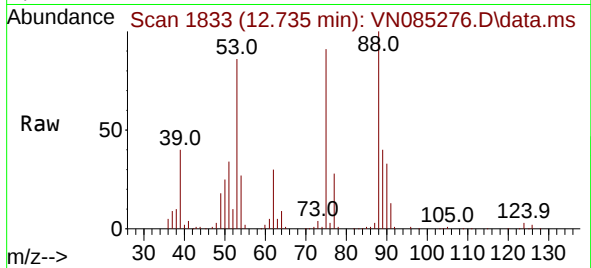




#77
 t-1,4-Dichloro-2-butene
 Concen: 167.396 ug/l
 RT: 12.735 min Scan# 1833
 Delta R.T. 0.000 min
 Lab File: VN085276.D
 Acq: 20 Dec 2024 11:42

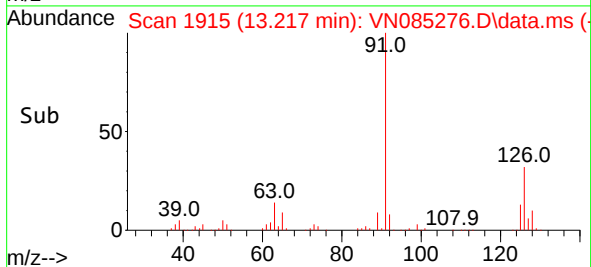
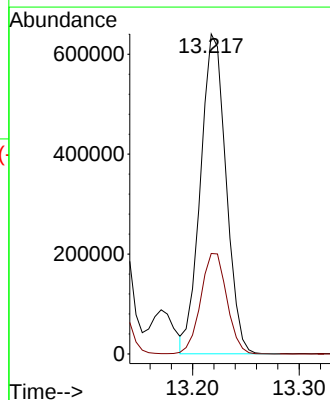
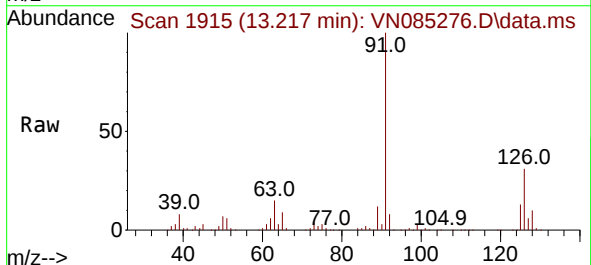
Instrument :
 MSVOA_N
 ClientSampleId :

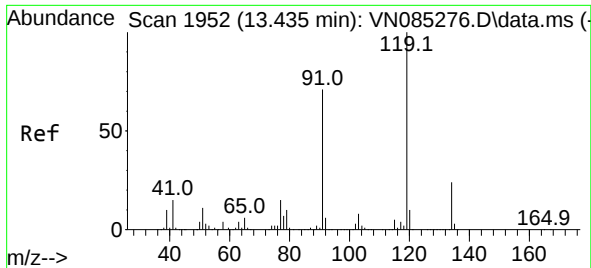
Tgt Ion: 75 Resp: 188674
 Ion Ratio Lower Upper
 75 100
 53 94.7 54.9 164.5
 89 44.6 22.8 68.3



#78
 4-Chlorotoluene
 Concen: 153.228 ug/l
 RT: 13.217 min Scan# 1915
 Delta R.T. 0.000 min
 Lab File: VN085276.D
 Acq: 20 Dec 2024 11:42

Tgt Ion: 91 Resp: 1068236
 Ion Ratio Lower Upper
 91 100
 126 32.2 0.0 63.6

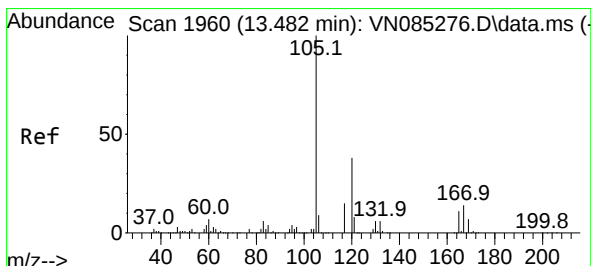
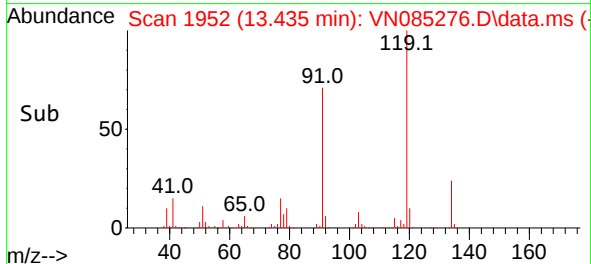
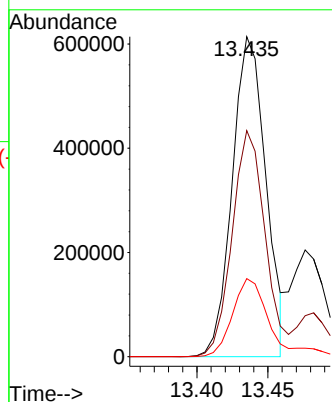
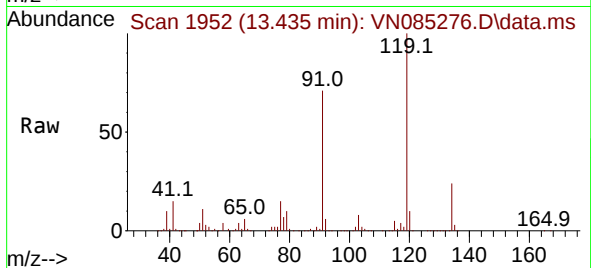




#79
tert-butylbenzene
Concen: 158.790 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VN085276.D
Acq: 20 Dec 2024 11:42

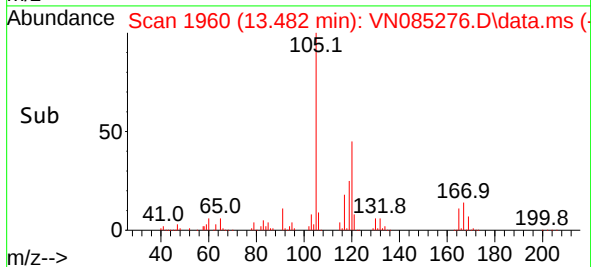
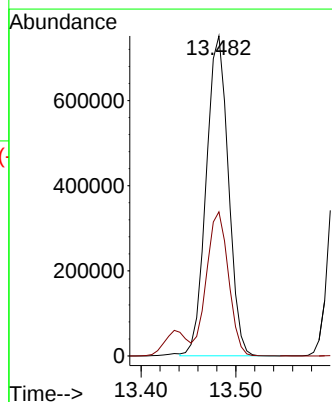
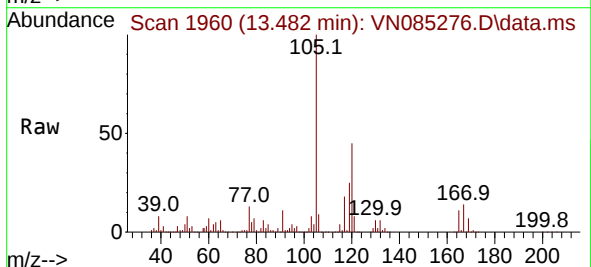
Instrument :
MSVOA_N
ClientSampleId :

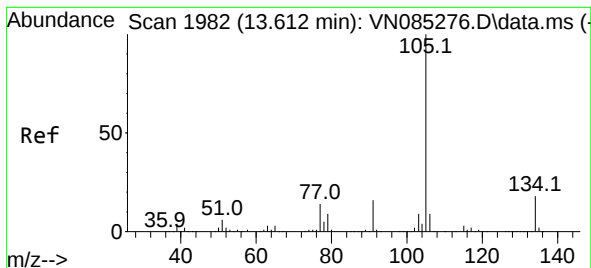
Tgt Ion:119 Resp: 1012350
Ion Ratio Lower Upper
119 100
91 69.7 0.0 142.0
134 24.5 0.0 49.0



#80
1,2,4-Trimethylbenzene
Concen: 157.263 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN085276.D
Acq: 20 Dec 2024 11:42

Tgt Ion:105 Resp: 1219847
Ion Ratio Lower Upper
105 100
120 44.7 0.0 89.8





#81

sec-Butylbenzene

Concen: 159.012 ug/l

RT: 13.612 min Scan# 1982

Delta R.T. 0.000 min

Lab File: VN085276.D

Acq: 20 Dec 2024 11:42

Instrument :

MSVOA_N

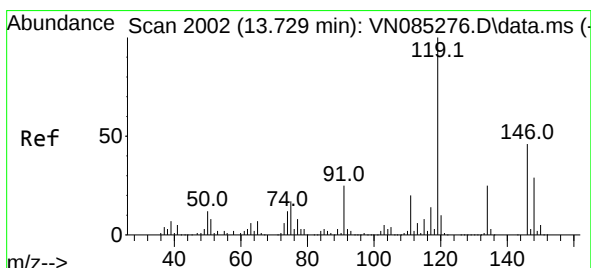
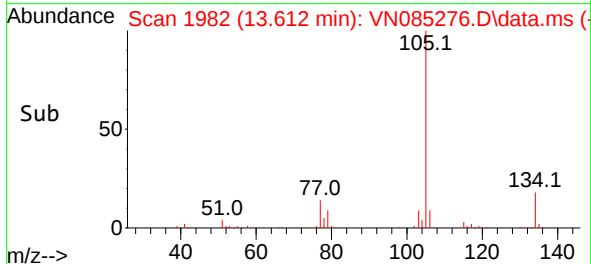
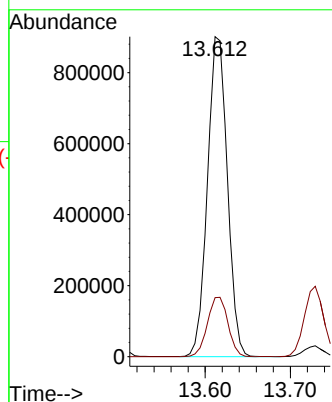
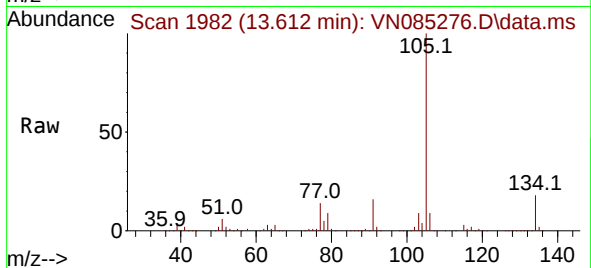
ClientSampleId :

Tgt Ion:105 Resp: 1463612

Ion Ratio Lower Upper

105 100

134 19.2 0.0 39.8



#82

p-Isopropyltoluene

Concen: 162.592 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. 0.000 min

Lab File: VN085276.D

Acq: 20 Dec 2024 11:42

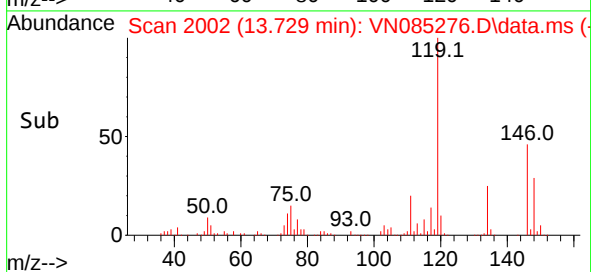
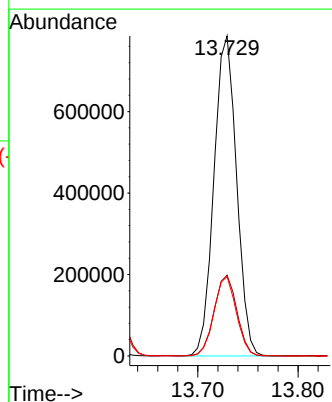
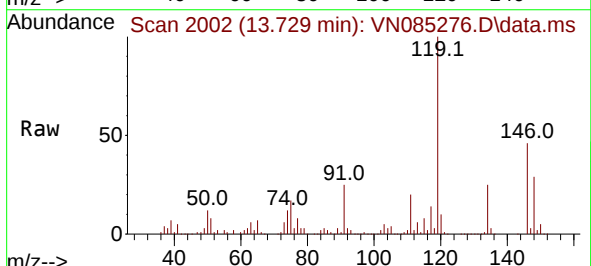
Tgt Ion:119 Resp: 1232499

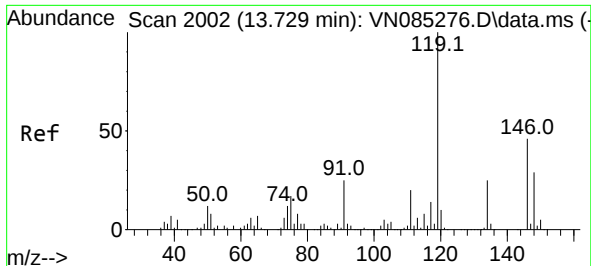
Ion Ratio Lower Upper

119 100

134 25.3 0.0 51.4

91 24.5 0.0 51.4



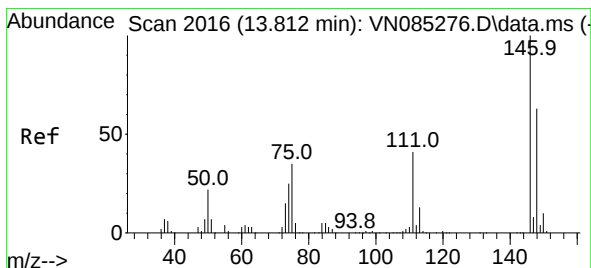
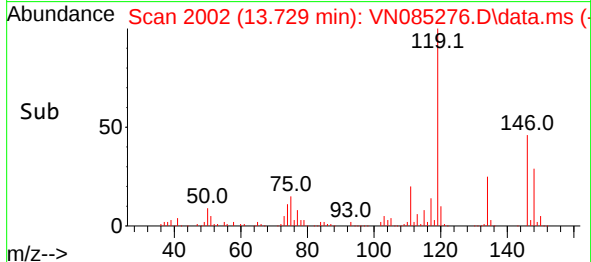
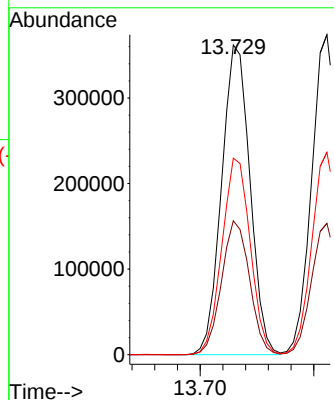
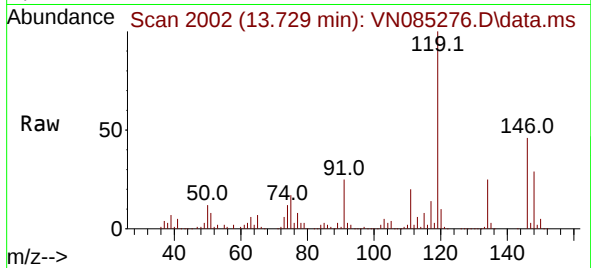


#83
 1,3-Dichlorobenzene
 Concen: 149.235 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN085276.D
 Acq: 20 Dec 2024 11:42

Instrument :
 MSVOA_N
 ClientSampleId :

Tgt Ion:146 Resp: 628188

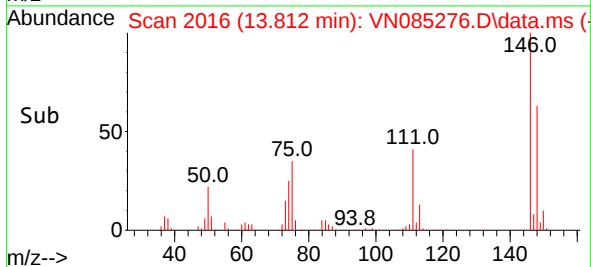
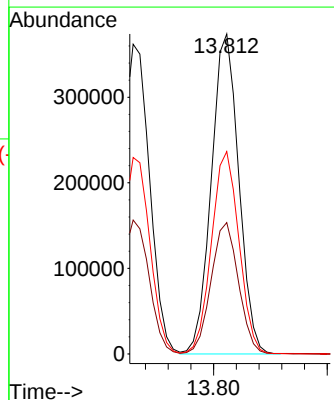
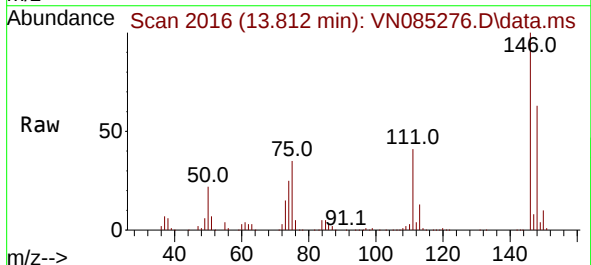
Ion	Ratio	Lower	Upper
146	100		
111	42.7	20.4	61.3
148	63.4	31.1	93.5

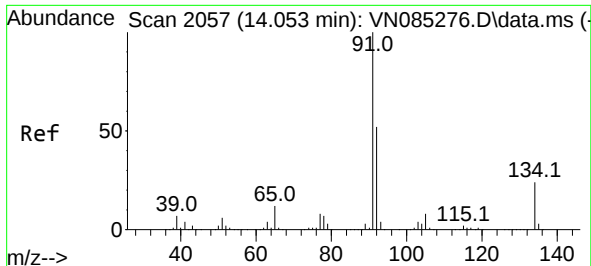


#84
 1,4-Dichlorobenzene
 Concen: 154.265 ug/l
 RT: 13.812 min Scan# 2016
 Delta R.T. 0.000 min
 Lab File: VN085276.D
 Acq: 20 Dec 2024 11:42

Tgt Ion:146 Resp: 628233

Ion	Ratio	Lower	Upper
146	100		
111	41.0	20.7	62.1
148	63.2	33.2	99.6

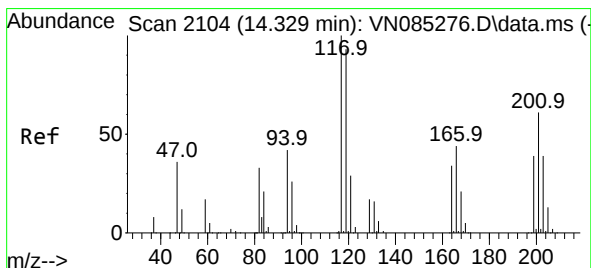
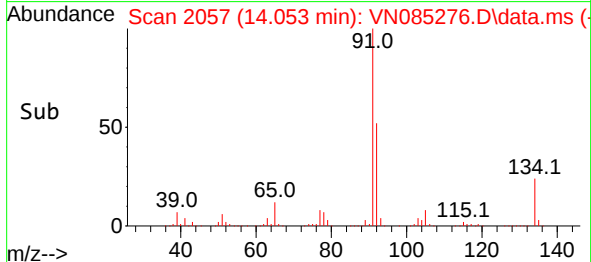
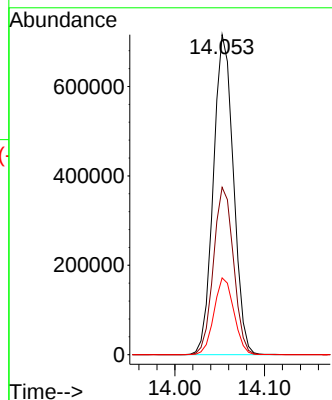
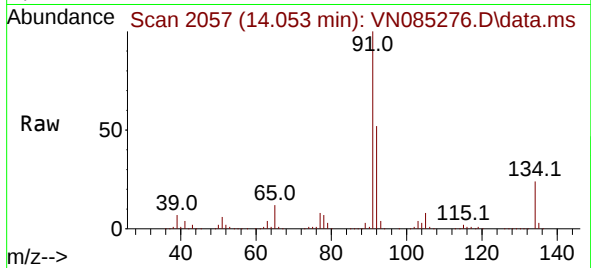




#85
n-Butylbenzene
Concen: 169.627 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VN085276.D
Acq: 20 Dec 2024 11:42

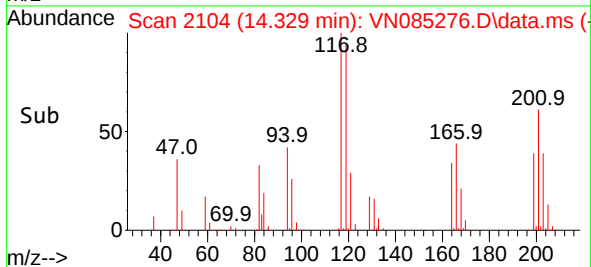
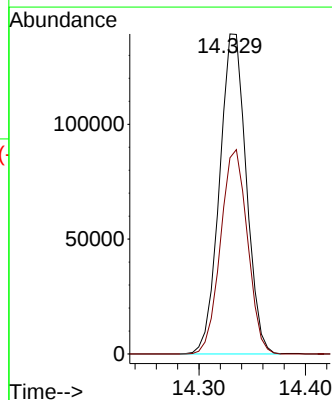
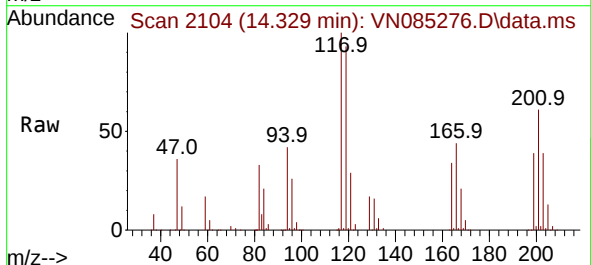
Instrument :
MSVOA_N
ClientSampleId :

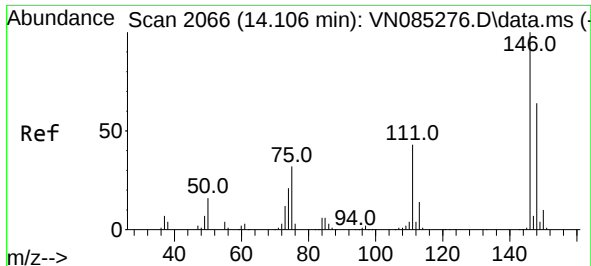
Tgt Ion: 91 Resp: 1110120
Ion Ratio Lower Upper
91 100
92 52.4 0.0 102.0
134 23.8 0.0 46.4



#86
Hexachloroethane
Concen: 149.237 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. 0.000 min
Lab File: VN085276.D
Acq: 20 Dec 2024 11:42

Tgt Ion: 117 Resp: 242863
Ion Ratio Lower Upper
117 100
201 64.3 31.8 95.3





#87

1,2-Dichlorobenzene

Concen: 149.716 ug/l

RT: 14.106 min Scan# 2066

Delta R.T. 0.000 min

Lab File: VN085276.D

Acq: 20 Dec 2024 11:42

Instrument :

MSVOA_N

ClientSampleId :

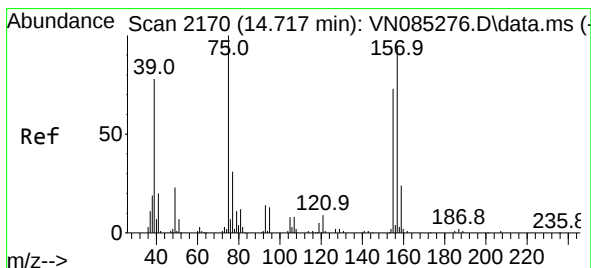
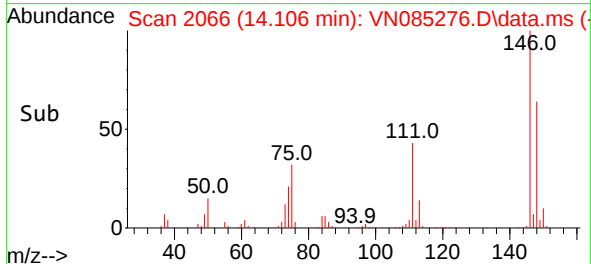
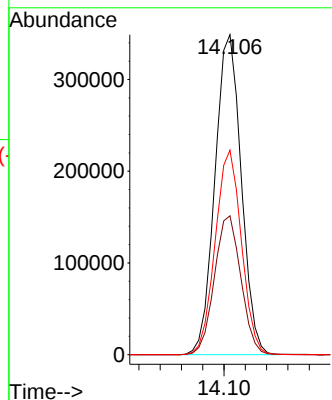
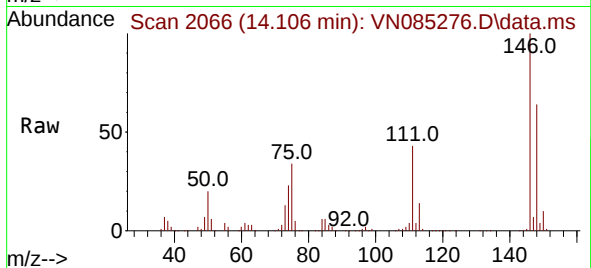
Tgt Ion:146 Resp: 598727

Ion Ratio Lower Upper

146 100

111 43.7 22.1 66.3

148 63.7 32.5 97.4



#88

1,2-Dibromo-3-Chloropropane

Concen: 159.257 ug/l

RT: 14.717 min Scan# 2170

Delta R.T. 0.000 min

Lab File: VN085276.D

Acq: 20 Dec 2024 11:42

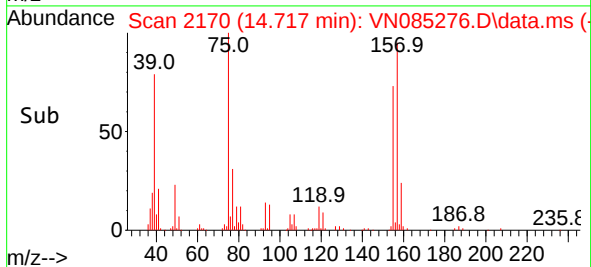
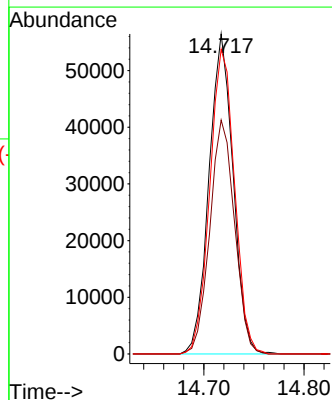
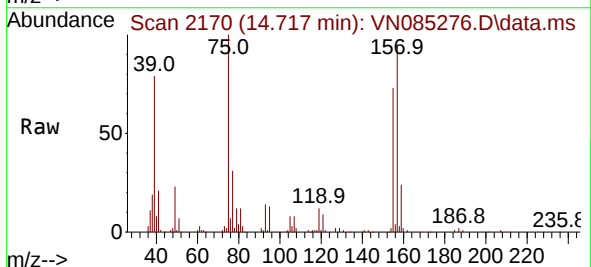
Tgt Ion: 75 Resp: 94207

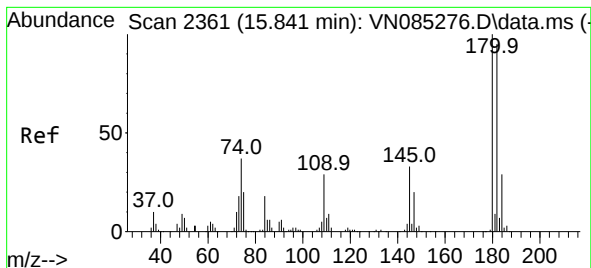
Ion Ratio Lower Upper

75 100

155 75.0 53.4 80.0

157 97.9 74.2 111.4





#89

1,2,4-Trichlorobenzene

Concen: 166.998 ug/l

RT: 15.841 min Scan# 21

Delta R.T. 0.006 min

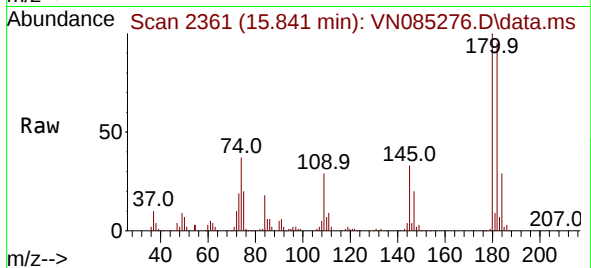
Lab File: VN085276.D

Acq: 20 Dec 2024 11:42

Instrument :

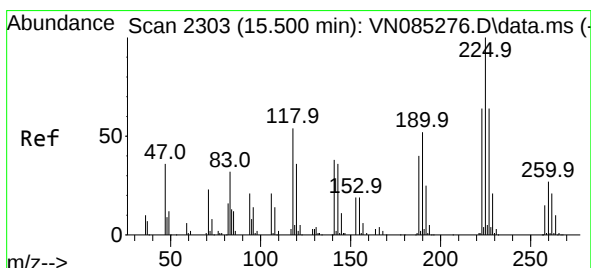
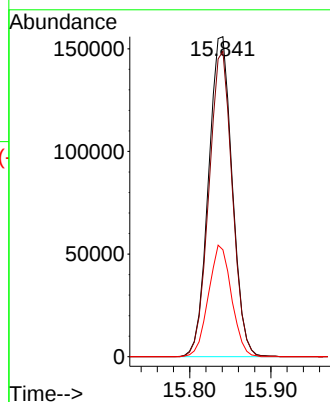
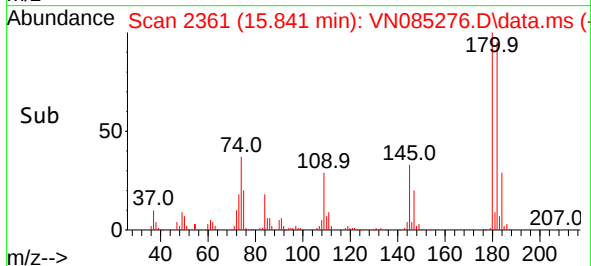
MSVOA_N

ClientSampleId :



Tgt Ion:180 Resp: 316396

Ion	Ratio	Lower	Upper
180	100		
182	93.9	76.5	114.7
145	33.9	27.4	41.2



#90

Hexachlorobutadiene

Concen: 143.473 ug/l

RT: 15.500 min Scan# 2303

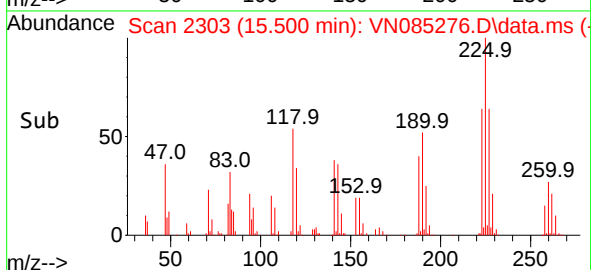
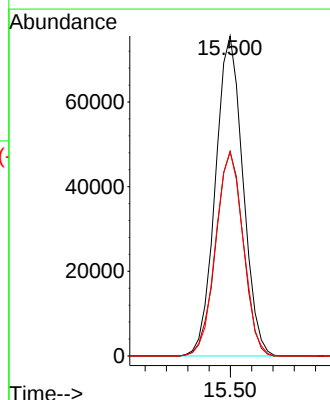
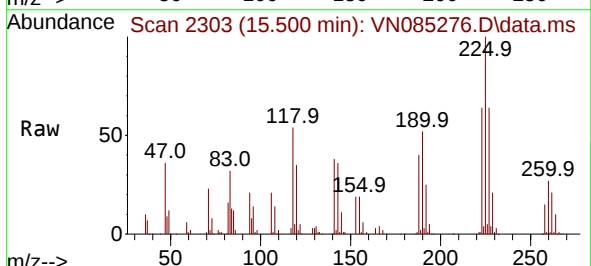
Delta R.T. 0.000 min

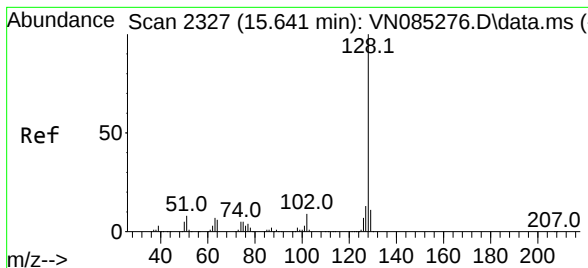
Lab File: VN085276.D

Acq: 20 Dec 2024 11:42

Tgt Ion:225 Resp: 135495

Ion	Ratio	Lower	Upper
225	100		
223	63.7	0.0	116.2
227	63.8	0.0	116.4

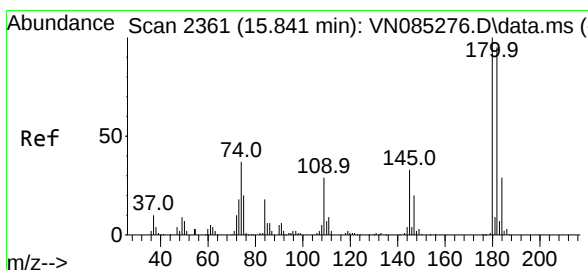
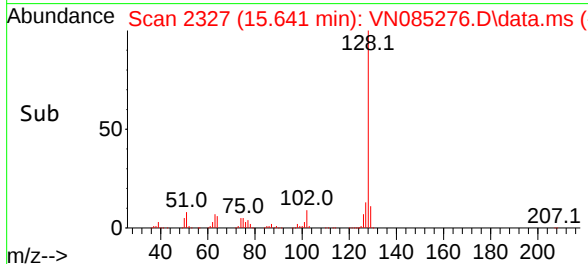
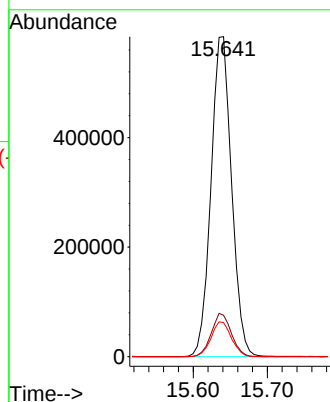
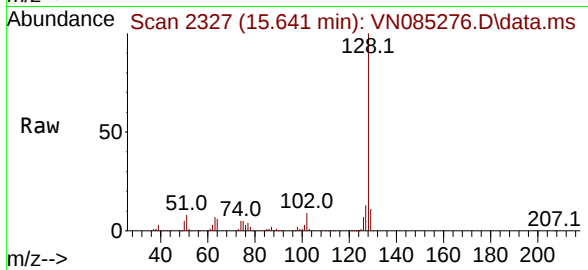




#91
Naphthalene
Concen: 185.128 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.000 min
Lab File: VN085276.D
Acq: 20 Dec 2024 11:42

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:128 Resp: 1126942
Ion Ratio Lower Upper
128 100
127 13.1 10.6 16.0
129 10.8 8.6 13.0



#92
1,2,3-Trichlorobenzene
Concen: 166.998 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. 0.006 min
Lab File: VN085276.D
Acq: 20 Dec 2024 11:42

Tgt Ion:180 Resp: 316396
Ion Ratio Lower Upper
180 100
182 93.9 0.0 191.2
145 33.9 0.0 68.6

