

Data Path : Z:\voasrv\HPCHEM1\MSVOA_T\Data\VT120825\
 Data File : VT019245.D
 Acq On : 8 Dec 2025 12:46
 Operator : SY/MD
 Sample : VSTDICC100
 Misc : 5.00g/5.0mL/MSVOA_T/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_T
 ClientSampleId :
 VSTDICC100

Quant Time: Dec 09 01:02:42 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_T\methods\82T120825S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 09 00:58:21 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.536	168	220894	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.535	114	373433	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.713	117	268062	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.923	152	134468	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.924	65	276095	97.047	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	= 194.100%#	
35) Dibromofluoromethane	7.454	113	230072	104.627	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	= 209.260%#	
50) Toluene-d8	10.215	98	962483	99.640	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	= 199.280%#	
62) 4-Bromofluorobenzene	12.847	95	265912	97.867	ug/l	0.00
Spiked Amount	50.000	Range	52 - 138	Recovery	= 195.740%#	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.866	85	170432	77.397	ug/l	100
3) Chloromethane	2.060	50	144089	41.328	ug/l	100
4) Vinyl Chloride	2.183	62	361502	97.869	ug/l	98
5) Bromomethane	2.512	94	193580	70.555	ug/l	99
6) Chloroethane	2.647	64	314210	108.527	ug/l	100
7) Trichlorofluoromethane	2.953	101	569134	104.947	ug/l	98
8) Diethyl Ether	3.323	74	199458	95.695	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.646	101	329643	103.890	ug/l	99
10) Methyl Iodide	3.828	142	362549	129.836	ug/l	98
11) Tert butyl alcohol	4.651	59	130692	422.766	ug/l	99
12) 1,1-Dichloroethene	3.629	96	335628	103.174	ug/l	98
13) Acrolein	3.505	56	14999	160.533	ug/l	98
14) Allyl chloride	4.175	41	628110	99.743	ug/l	98
15) Acrylonitrile	4.798	53	381725	434.294	ug/l	99
16) Acetone	3.705	43	547802	496.295	ug/l	100
17) Carbon Disulfide	3.922	76	949945	99.885	ug/l	98
18) Methyl Acetate	4.181	43	263364	107.975	ug/l	98
19) Methyl tert-butyl Ether	4.863	73	771738	91.062	ug/l	99
20) Methylene Chloride	4.387	84	380592	101.792	ug/l	98
21) trans-1,2-Dichloroethene	4.845	96	291479	93.567	ug/l	100
22) Diisopropyl ether	5.761	45	1094297	101.471	ug/l	97
23) Vinyl Acetate	5.697	43	2370949	505.955	ug/l	100
24) 1,1-Dichloroethane	5.644	63	579436	103.199	ug/l	100
25) 2-Butanone	6.660	43	492314	392.900	ug/l	100
26) 2,2-Dichloropropane	6.637	77	461380	112.451	ug/l	98
27) cis-1,2-Dichloroethene	6.637	96	337272	103.642	ug/l	99
28) Bromochloromethane	7.031	49	247835	99.376	ug/l #	100
29) Tetrahydrofuran	7.054	42	290564	466.368	ug/l	99
30) Chloroform	7.219	83	517461	102.458	ug/l	100
31) Cyclohexane	7.512	56	549400	96.338	ug/l	97
32) 1,1,1-Trichloroethane	7.430	97	433493	106.801	ug/l	100
36) 1,1-Dichloropropene	7.665	75	400233	103.517	ug/l	99
37) Ethyl Acetate	6.754	43	182675	92.232	ug/l	97
38) Carbon Tetrachloride	7.648	117	324705	115.099	ug/l	95
39) Methylcyclohexane	9.081	83	541362	104.708	ug/l	98
40) Benzene	7.935	78	1247341	103.186	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.007	41	112860	103.884	ug/l	95
42) 1,2-Dichloroethane	8.029	62	311742	100.644	ug/l	98
43) Isopropyl Acetate	8.082	43	366815	99.015	ug/l	100
44) Trichloroethene	8.805	130	263560	103.685	ug/l	98
45) 1,2-Dichloropropane	9.122	63	289688	102.960	ug/l	99
46) Dibromomethane	9.222	93	130744	102.135	ug/l	99
47) Bromodichloromethane	9.440	83	368202	106.728	ug/l	97
48) Methyl methacrylate	9.216	41	180134	101.911	ug/l	99
49) 1,4-Dioxane	9.222	88	40299	1760.924	ug/l	97
51) 4-Methyl-2-Pentanone	10.098	43	865913	474.101	ug/l	100
52) Toluene	10.286	92	716827	98.747	ug/l	99
53) t-1,3-Dichloropropene	10.544	75	327151	104.591	ug/l	99
54) cis-1,3-Dichloropropene	9.933	75	427128	107.936	ug/l	98
55) 1,1,2-Trichloroethane	10.750	97	176658	96.422	ug/l	97
56) Ethyl methacrylate	10.603	69	252466	102.240	ug/l	99
57) 1,3-Dichloropropane	10.914	76	336090	99.198	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.769	63	465573	116.306	ug/l	100
59) 2-Hexanone	10.967	43	599598	408.495	ug/l	99
60) Dibromochloromethane	11.138	129	196362	101.982	ug/l	99
61) 1,2-Dibromoethane	11.255	107	145527	94.349	ug/l	98
64) Tetrachloroethene	10.826	164	235838	117.459	ug/l	99
65) Chlorobenzene	11.743	112	617663	100.678	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.831	131	210894	120.056	ug/l	98
67) Ethyl Benzene	11.831	91	1374217	116.363	ug/l	97
68) m/p-Xylenes	11.954	106	1033624	227.614	ug/l	100
69) o-Xylene	12.330	106	479846	111.623	ug/l	98
70) Styrene	12.342	104	800171	111.348	ug/l	99
71) Bromoform	12.536	173	90447	109.227	ug/l #	98
73) Isopropylbenzene	12.671	105	1136347	95.796	ug/l	98
74) N-amyl acetate	12.466	43	226743	103.707	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.959	83	169873	92.657	ug/l	96
76) 1,2,3-Trichloropropane	13.018	75	222074	154.462	ug/l #	100
77) Bromobenzene	12.988	156	219832	89.859	ug/l	96
78) n-propylbenzene	13.065	91	1381040	98.795	ug/l	100
79) 2-Chlorotoluene	13.159	91	784476	99.795	ug/l	99
80) 1,3,5-Trimethylbenzene	13.223	105	917445	100.108	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.730	75	54192	98.252	ug/l	94
82) 4-Chlorotoluene	13.270	91	808882	98.265	ug/l	100
83) tert-Butylbenzene	13.517	119	823327	100.048	ug/l	99
84) 1,2,4-Trimethylbenzene	13.570	105	945213	101.818	ug/l	98
85) sec-Butylbenzene	13.723	105	1235762	99.799	ug/l	99
86) p-Isopropyltoluene	13.852	119	1133525	108.568	ug/l	99
87) 1,3-Dichlorobenzene	13.852	146	529779	104.336	ug/l	99
88) 1,4-Dichlorobenzene	13.940	146	472119	97.863	ug/l	100
89) n-Butylbenzene	14.222	91	1034874	105.129	ug/l	99
90) Hexachloroethane	14.528	117	152251	118.032	ug/l	99
91) 1,2-Dichlorobenzene	14.275	146	420319	96.718	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.974	75	24529	105.303	ug/l	93
93) 1,2,4-Trichlorobenzene	15.762	180	276204	96.792	ug/l	100
94) Hexachlorobutadiene	15.885	225	140858	96.370	ug/l	100
95) Naphthalene	16.050	128	488681	95.649	ug/l	100
96) 1,2,3-Trichlorobenzene	16.285	180	229221	93.938	ug/l	99

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Response via : Initial Calibration

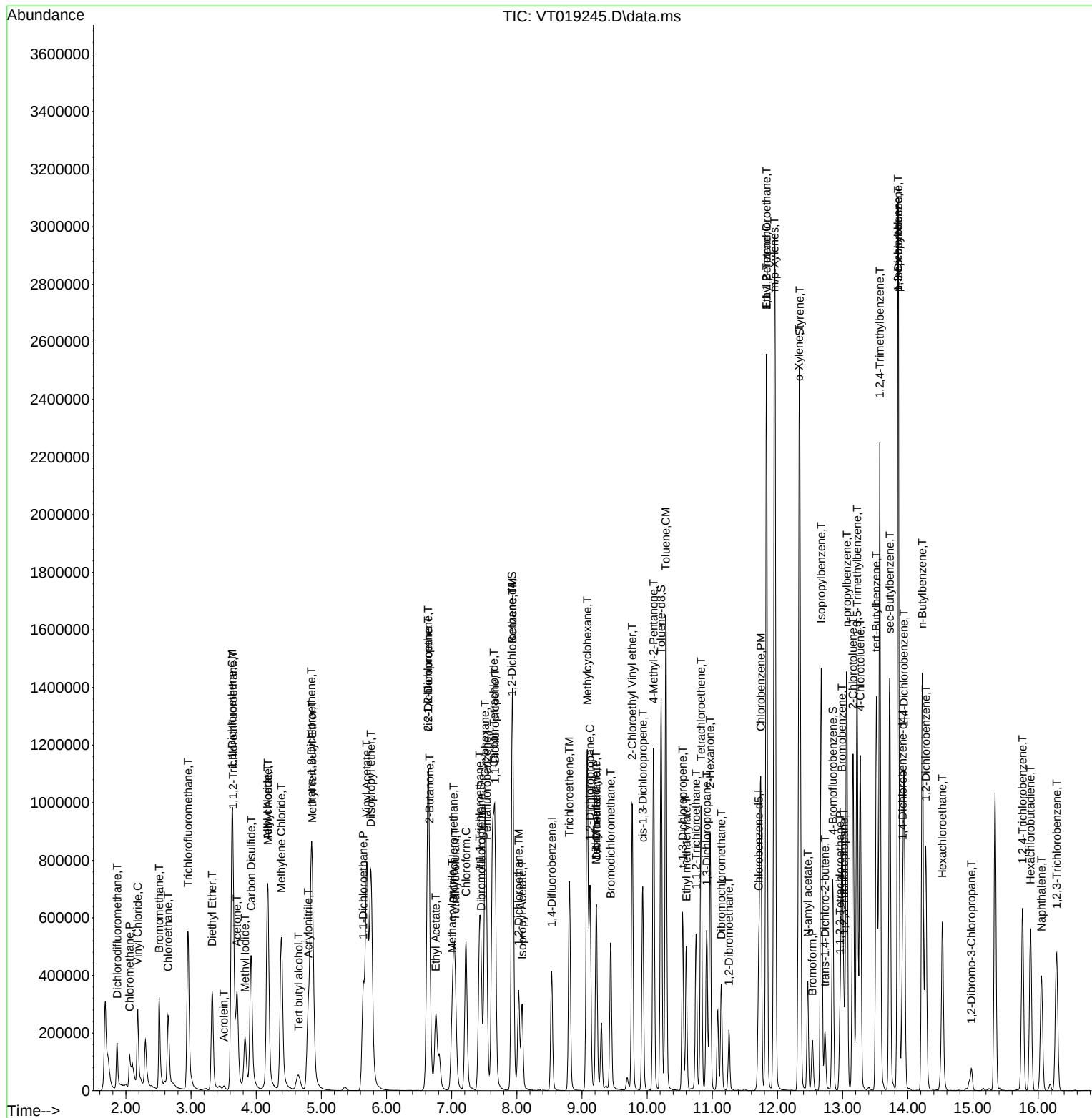
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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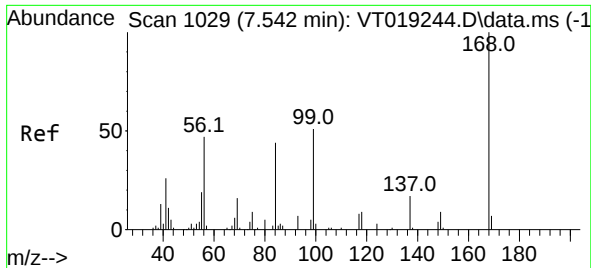
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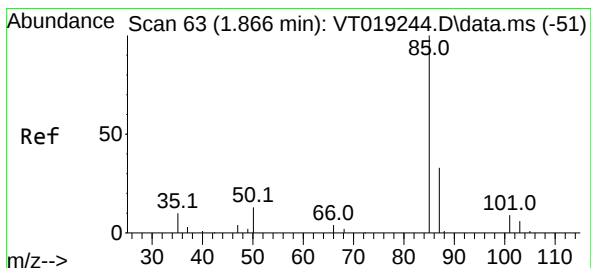
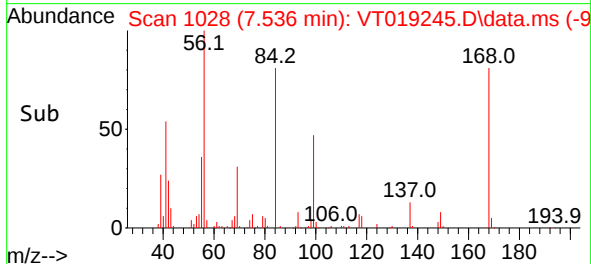
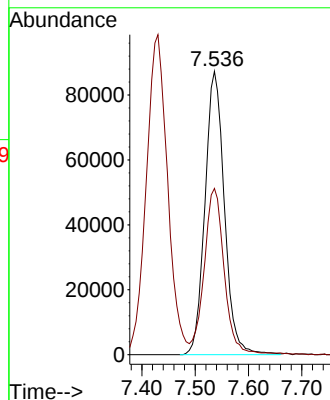
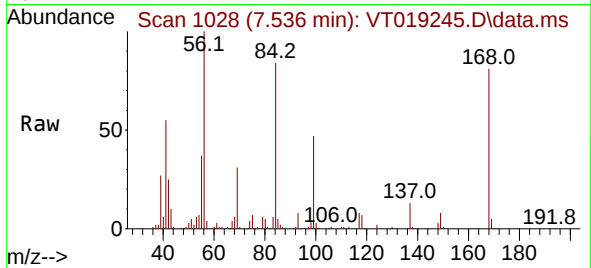




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.536 min Scan# 1028
Delta R.T. -0.006 min
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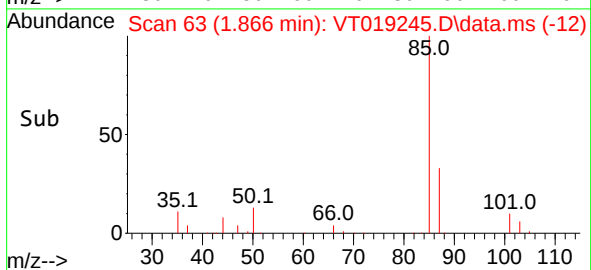
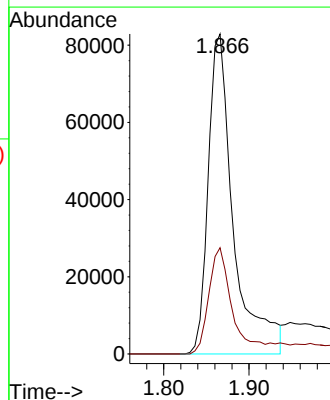
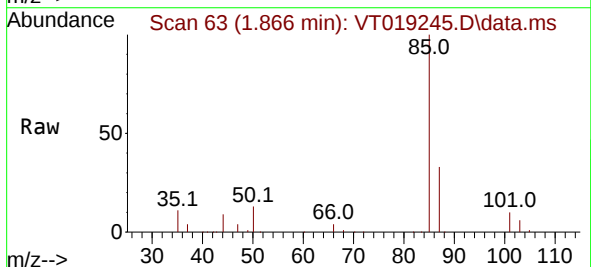
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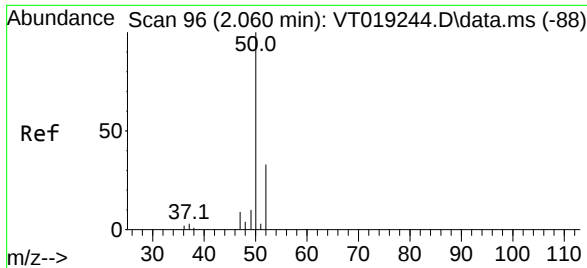
Tgt Ion:168 Resp: 220894
Ion Ratio Lower Upper
168 100
99 58.1 45.9 68.9



#2
Dichlorodifluoromethane
Concen: 77.397 ug/l
RT: 1.866 min Scan# 63
Delta R.T. -0.000 min
Lab File: VT019245.D
Acq: 8 Dec 2025 12:46

Tgt Ion: 85 Resp: 170432
Ion Ratio Lower Upper
85 100
87 33.2 16.4 49.4

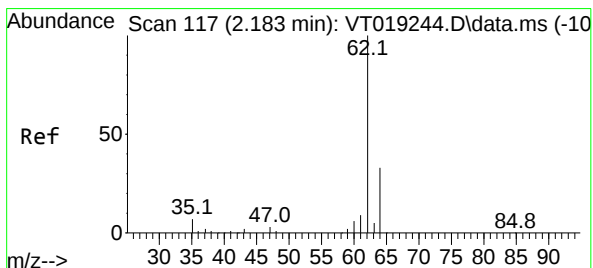
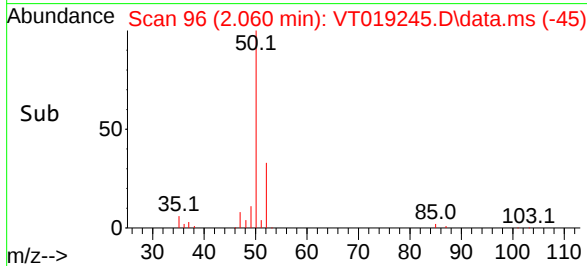
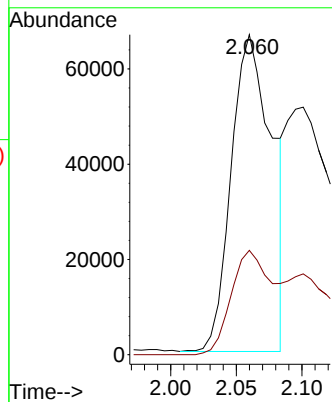
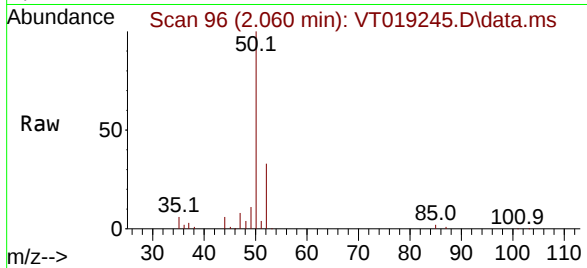




#3
Chloromethane
Concen: 41.328 ug/l
RT: 2.060 min Scan# 96
Delta R.T. -0.000 min
Lab File: VT019245.D
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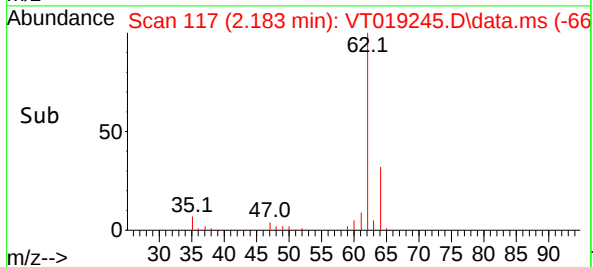
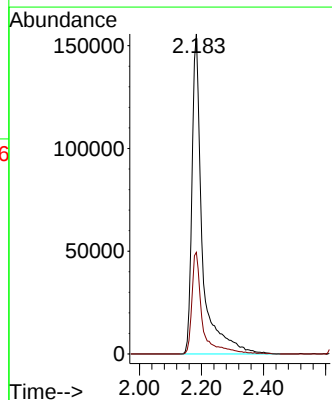
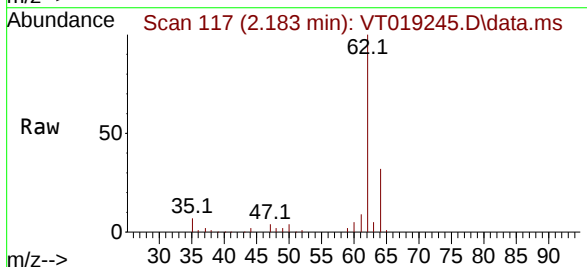
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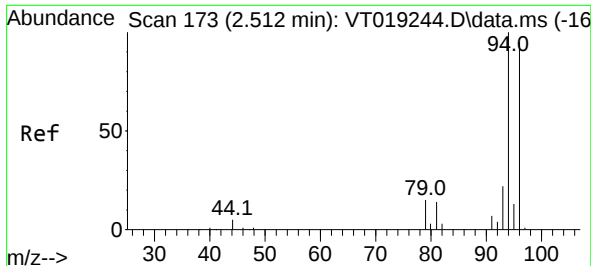
Tgt Ion: 50 Resp: 144089
Ion Ratio Lower Upper
50 100
52 32.9 26.3 39.5



#4
Vinyl Chloride
Concen: 97.869 ug/l
RT: 2.183 min Scan# 117
Delta R.T. -0.000 min
Lab File: VT019245.D
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Tgt Ion: 62 Resp: 361502
Ion Ratio Lower Upper
62 100
64 31.7 26.5 39.7

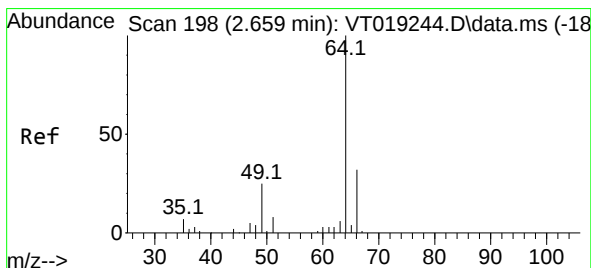
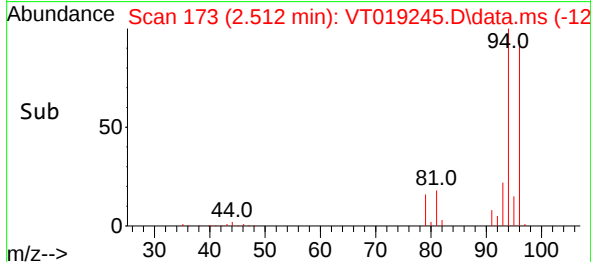
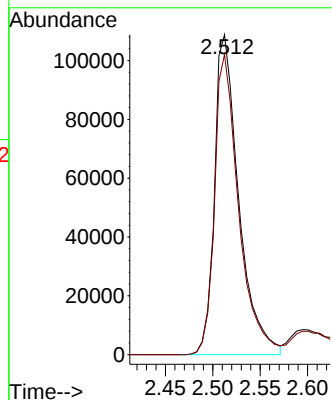
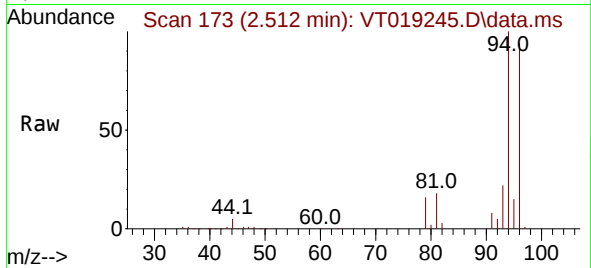




#5
Bromomethane
Concen: 70.555 ug/l
RT: 2.512 min Scan# 1
Delta R.T. -0.000 min
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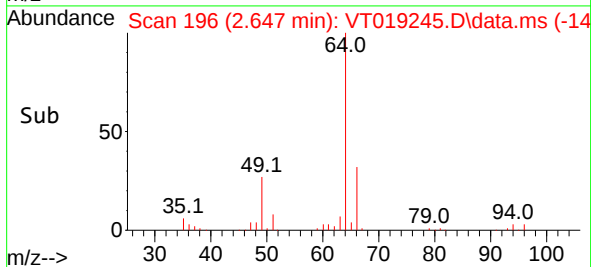
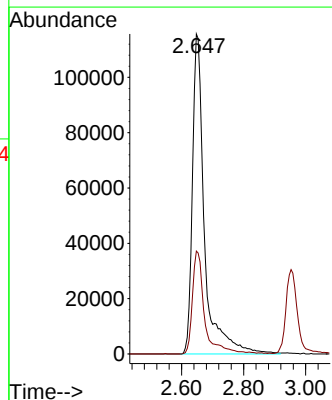
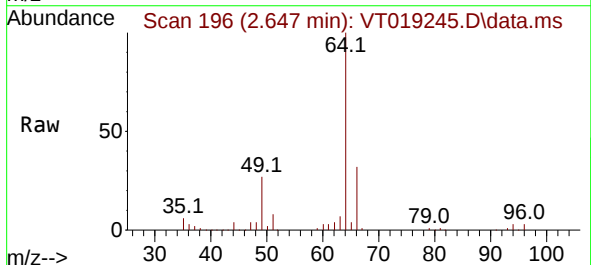
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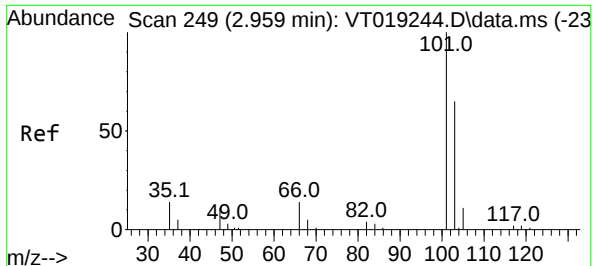
Tgt Ion: 94 Resp: 193580
Ion Ratio Lower Upper
94 100
96 93.8 75.8 113.6



#6
Chloroethane
Concen: 108.527 ug/l
RT: 2.647 min Scan# 196
Delta R.T. -0.012 min
Lab File: VT019245.D
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Tgt Ion: 64 Resp: 314210
Ion Ratio Lower Upper
64 100
66 32.1 25.8 38.8

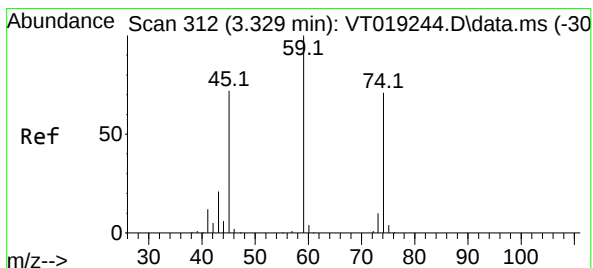
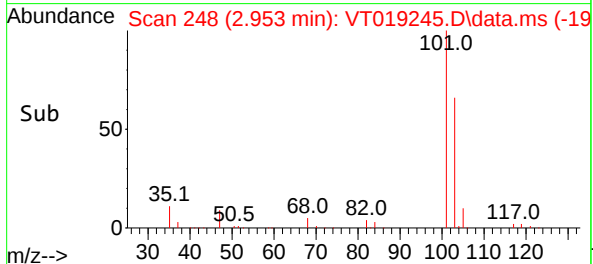
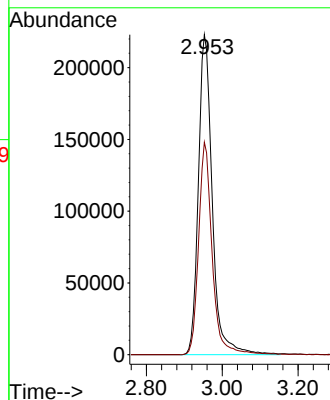
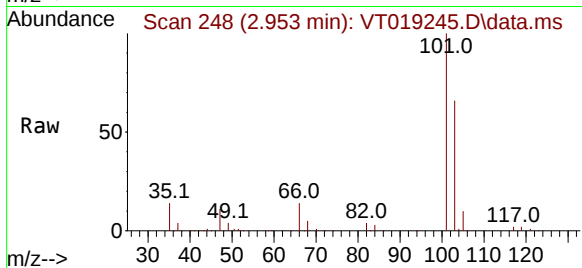




#7
Trichlorofluoromethane
Concen: 104.947 ug/l
RT: 2.953 min Scan# 249
Delta R.T. -0.006 min
Lab File: VT019245.D
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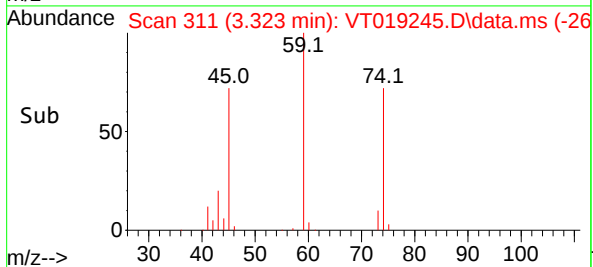
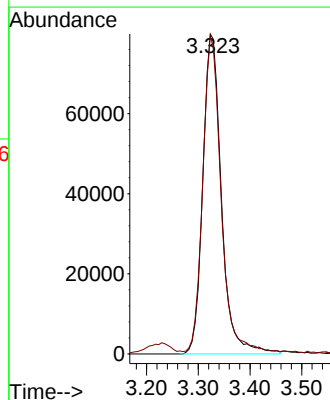
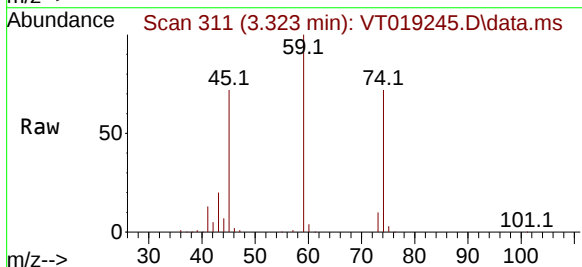
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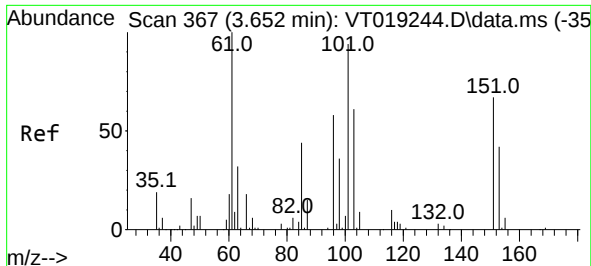
Tgt Ion:101 Resp: 569134
Ion Ratio Lower Upper
101 100
103 66.4 51.6 77.4



#8
Diethyl Ether
Concen: 95.695 ug/l
RT: 3.323 min Scan# 311
Delta R.T. -0.006 min
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Tgt Ion: 74 Resp: 199458
Ion Ratio Lower Upper
74 100
45 98.4 48.4 145.3

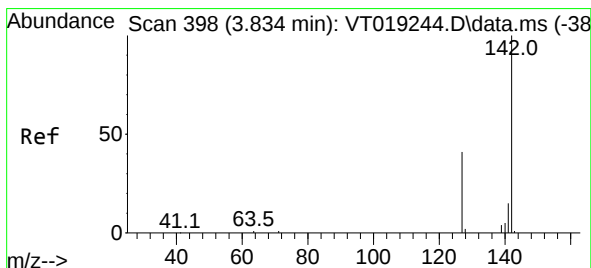
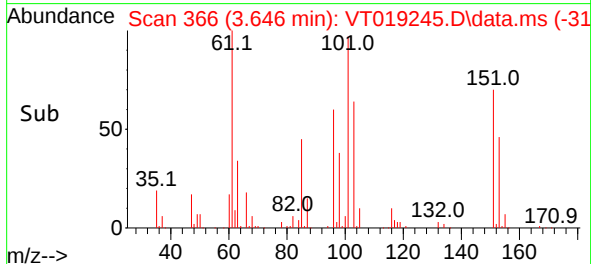
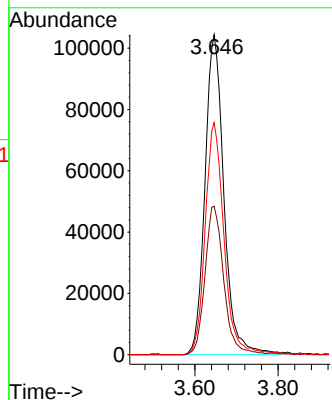
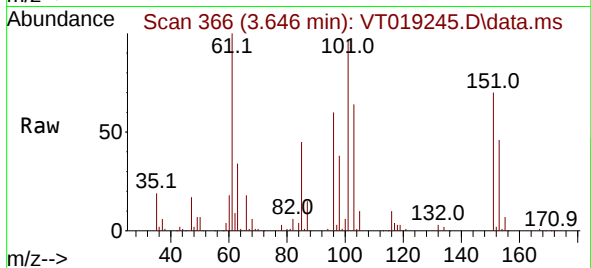




#9
1,1,2-Trichlorotrifluoroethane
Concen: 103.890 ug/l
RT: 3.646 min Scan# 307
Delta R.T. -0.006 min
Lab File: VT019245.D
Acq: 8 Dec 2025 12:46

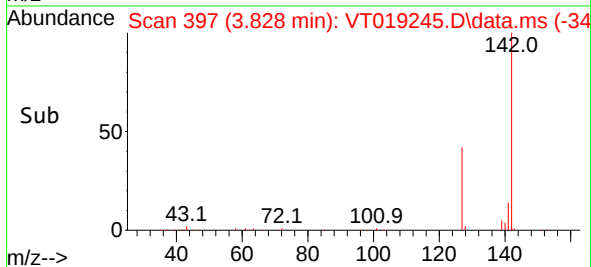
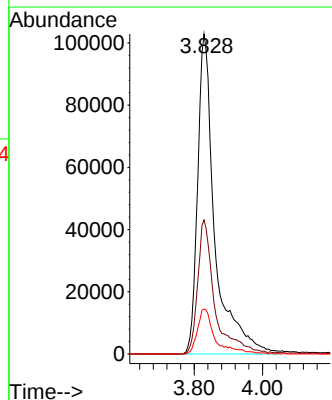
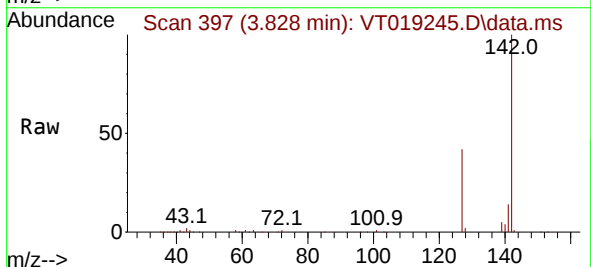
Instrument :
MSVOA_T
ClientSampleId :
VSTDIC100

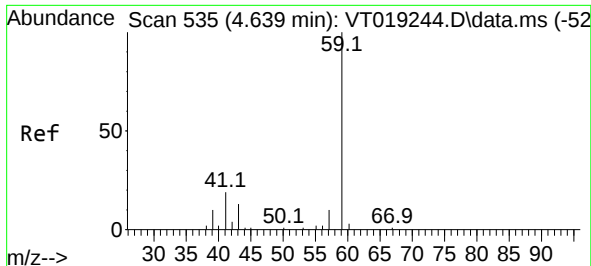
Tgt Ion:101 Resp: 329643
Ion Ratio Lower Upper
101 100
85 45.9 37.7 56.5
151 72.3 57.6 86.4



#10
Methyl Iodide
Concen: 129.836 ug/l
RT: 3.828 min Scan# 397
Delta R.T. -0.006 min
Lab File: VT019245.D
Acq: 8 Dec 2025 12:46

Tgt Ion:142 Resp: 362549
Ion Ratio Lower Upper
142 100
127 41.7 32.9 49.3
141 14.3 10.3 15.5

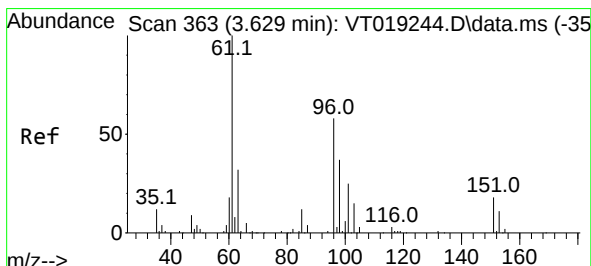
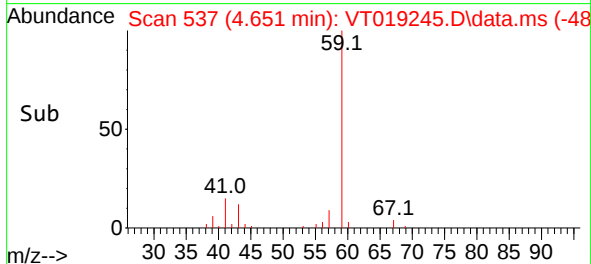
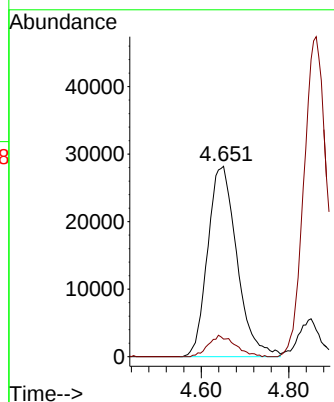
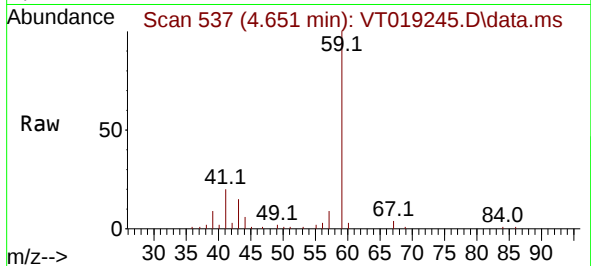




#11
Tert butyl alcohol
Concen: 422.766 ug/l
RT: 4.651 min Scan# 51
Delta R.T. 0.012 min
Lab File: VT019245.D
Acq: 8 Dec 2025 12:46

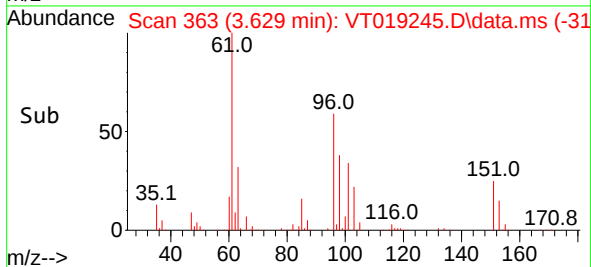
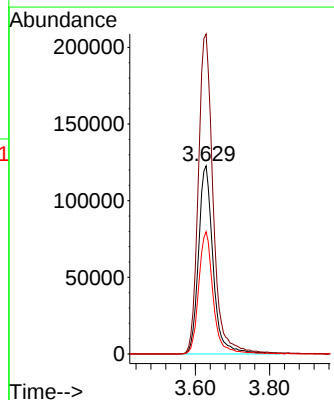
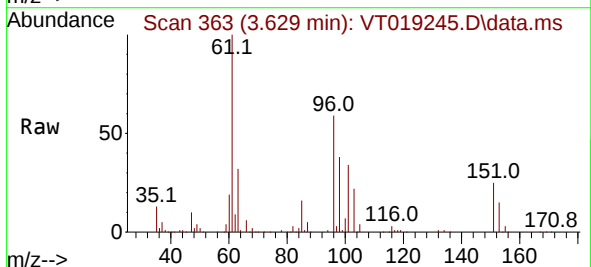
Instrument :
MSVOA_T
ClientSampleId :
VSTDICC100

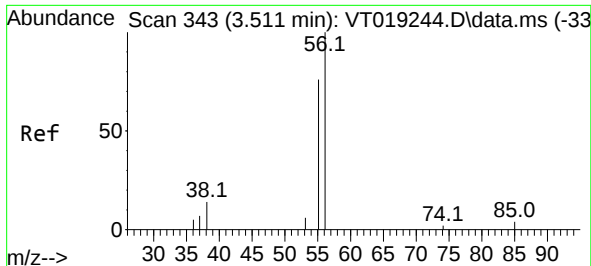
Tgt Ion: 59 Resp: 130692
Ion Ratio Lower Upper
59 100
57 10.3 8.0 12.0



#12
1,1-Dichloroethene
Concen: 103.174 ug/l
RT: 3.629 min Scan# 363
Delta R.T. -0.000 min
Lab File: VT019245.D
Acq: 8 Dec 2025 12:46

Tgt Ion: 96 Resp: 335628
Ion Ratio Lower Upper
96 100
61 170.1 137.5 206.3
98 65.0 50.2 75.4





#13

Acrolein

Concen: 160.533 ug/l

RT: 3.505 min Scan# 34

Delta R.T. -0.006 min

Lab File: VT019245.D

Acq: 8 Dec 2025 12:46

Instrument :

MSVOA_T

ClientSampleId :

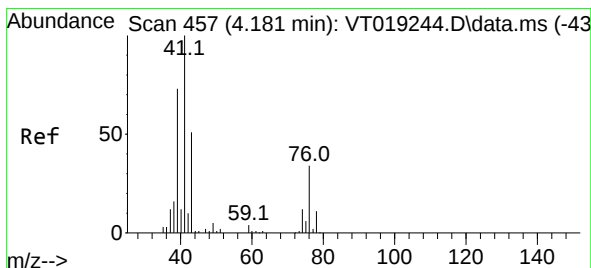
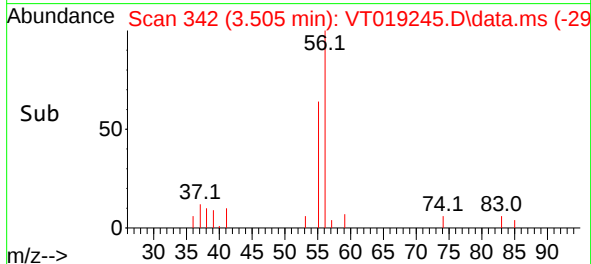
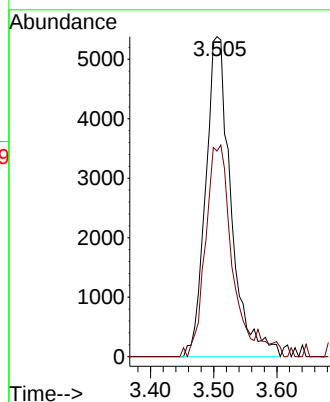
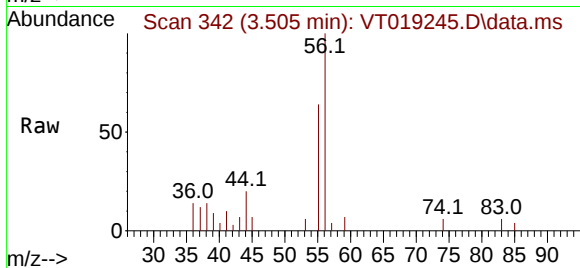
VSTDICC100

Tgt Ion: 56 Resp: 14999

Ion Ratio Lower Upper

56 100

55 67.2 55.1 82.7



#14

Allyl chloride

Concen: 99.743 ug/l

RT: 4.175 min Scan# 456

Delta R.T. -0.006 min

Lab File: VT019245.D

Acq: 8 Dec 2025 12:46

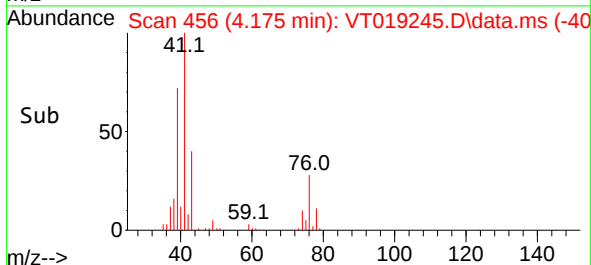
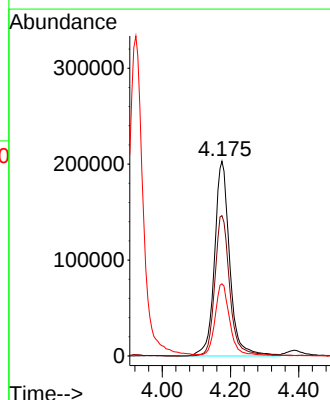
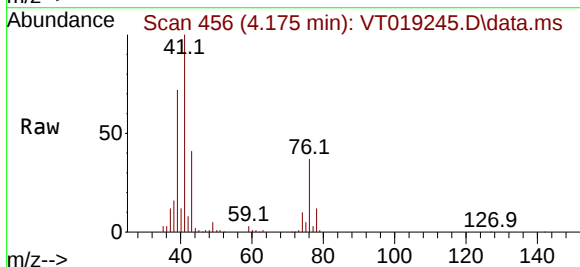
Tgt Ion: 41 Resp: 628110

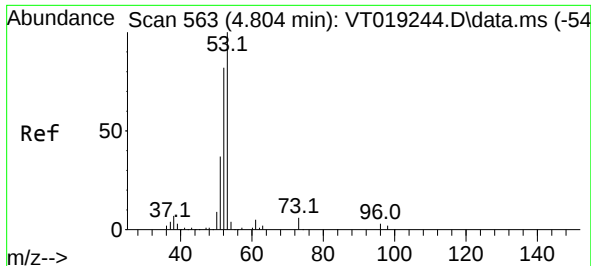
Ion Ratio Lower Upper

41 100

39 71.2 55.7 83.5

76 34.9 26.6 39.8

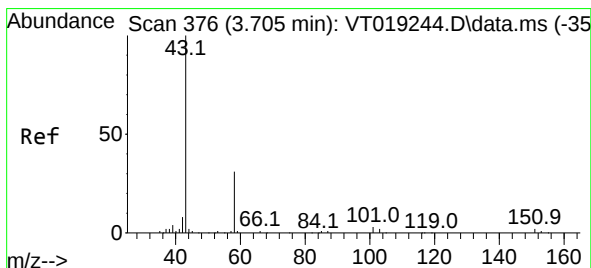
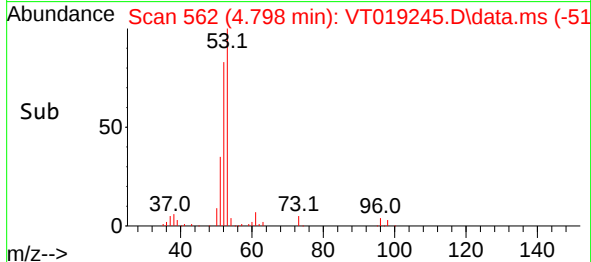
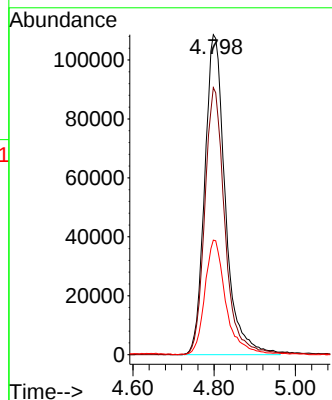
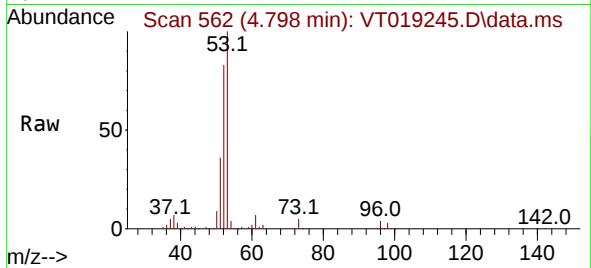




#15
Acrylonitrile
Concen: 434.294 ug/l
RT: 4.798 min Scan# 51
Delta R.T. -0.006 min
Lab File: VT019245.D
Acq: 8 Dec 2025 12:46

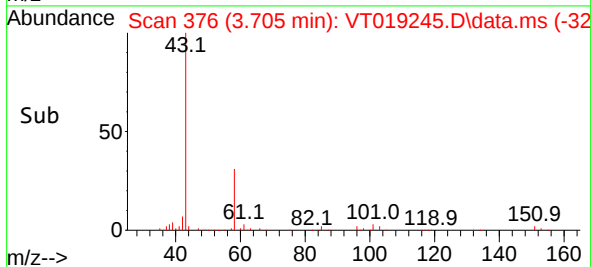
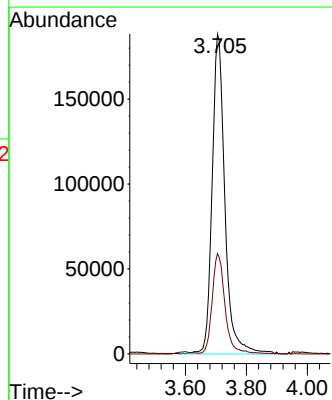
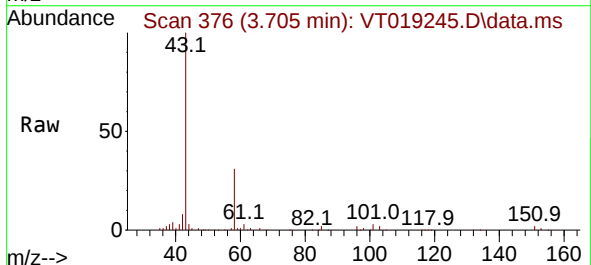
Instrument :
MSVOA_T
ClientSampleId :
VSTDIC100

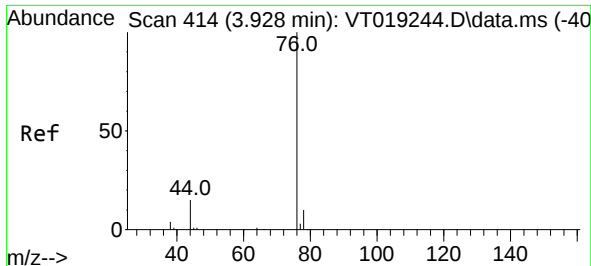
Tgt Ion: 53 Resp: 381725
Ion Ratio Lower Upper
53 100
52 81.9 64.9 97.3
51 36.9 29.7 44.5



#16
Acetone
Concen: 496.295 ug/l
RT: 3.705 min Scan# 376
Delta R.T. -0.000 min
Lab File: VT019245.D
Acq: 8 Dec 2025 12:46

Tgt Ion: 43 Resp: 547802
Ion Ratio Lower Upper
43 100
58 31.2 25.0 37.6

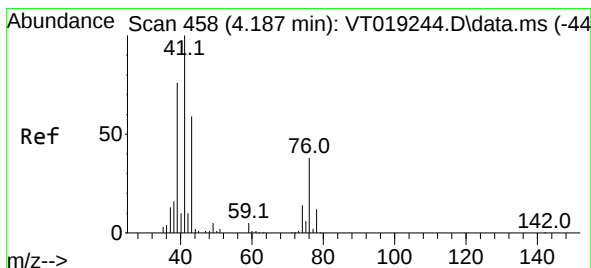
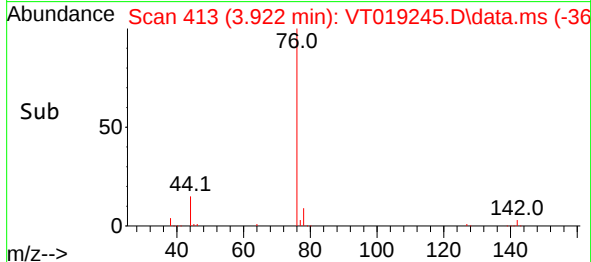
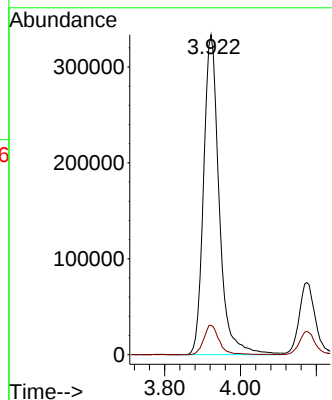
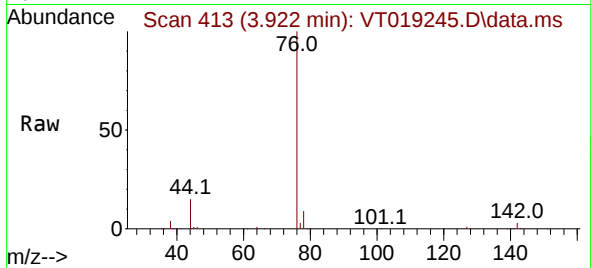




#17
Carbon Disulfide
Concen: 99.885 ug/l
RT: 3.922 min Scan# 41
Delta R.T. -0.006 min
Lab File: VT019245.D
Acq: 8 Dec 2025 12:46

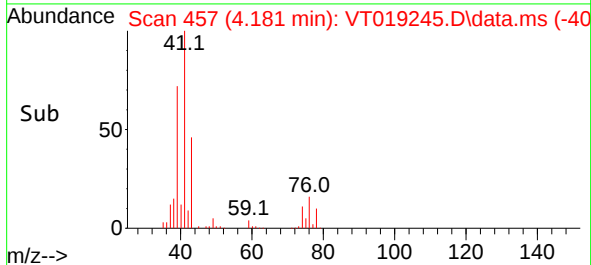
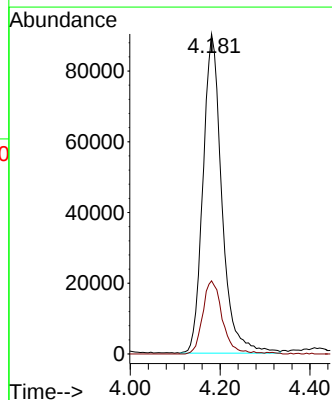
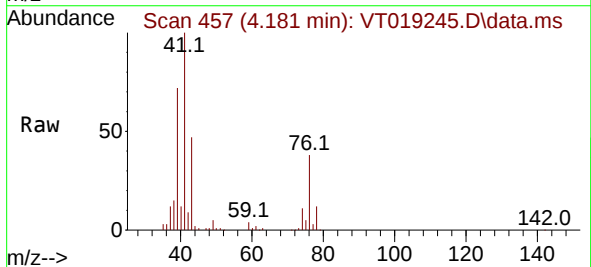
Instrument :
MSVOA_T
ClientSampleId :
VSTDICC100

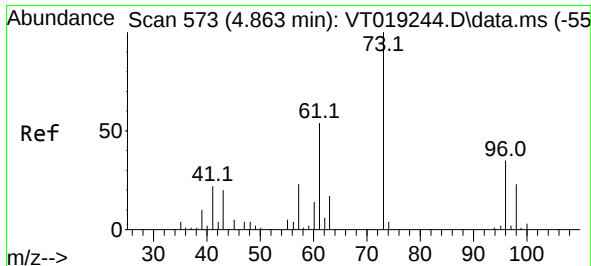
Tgt Ion: 76 Resp: 949945
Ion Ratio Lower Upper
76 100
78 9.2 8.0 12.0



#18
Methyl Acetate
Concen: 107.975 ug/l
RT: 4.181 min Scan# 457
Delta R.T. -0.006 min
Lab File: VT019245.D
Acq: 8 Dec 2025 12:46

Tgt Ion: 43 Resp: 263364
Ion Ratio Lower Upper
43 100
74 23.6 17.9 26.9





#19

Methyl tert-butyl Ether

Concen: 91.062 ug/l

RT: 4.863 min Scan# 51

Delta R.T. -0.000 min

Lab File: VT019245.D

Acq: 8 Dec 2025 12:46

Instrument :

MSVOA_T

ClientSampleId :

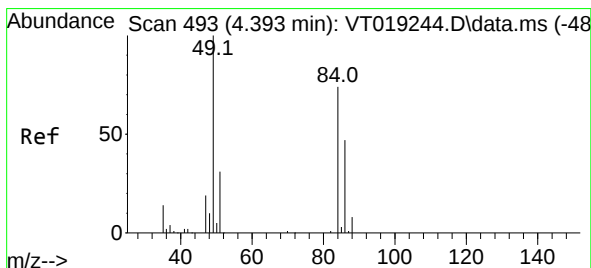
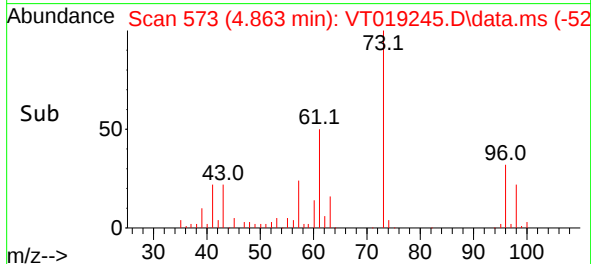
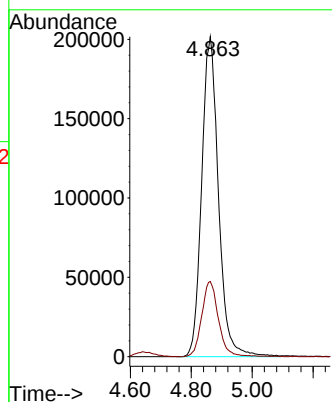
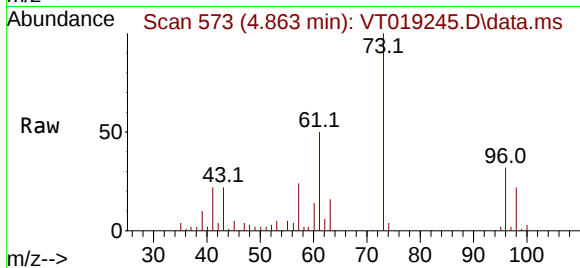
VSTDICC100

Tgt Ion: 73 Resp: 771738

Ion Ratio Lower Upper

73 100

57 23.5 18.6 27.8



#20

Methylene Chloride

Concen: 101.792 ug/l

RT: 4.387 min Scan# 492

Delta R.T. -0.006 min

Lab File: VT019245.D

Acq: 8 Dec 2025 12:46

Tgt Ion: 84 Resp: 380592

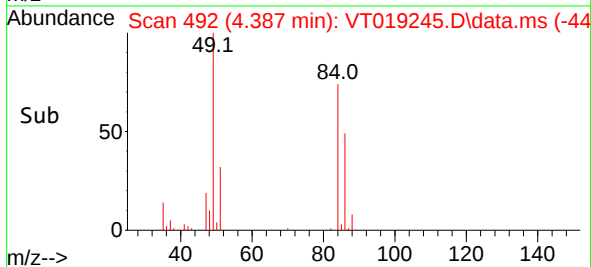
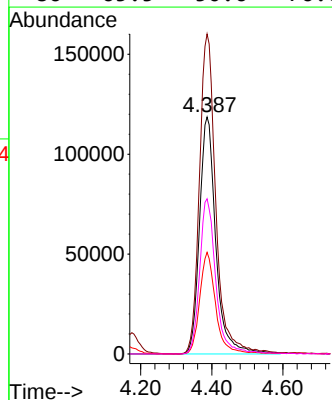
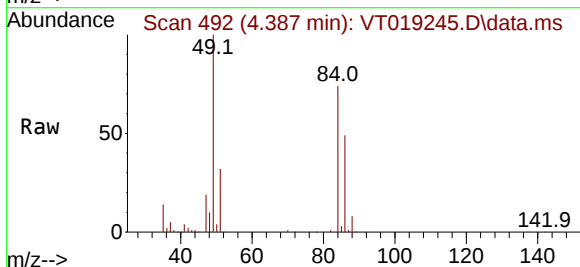
Ion Ratio Lower Upper

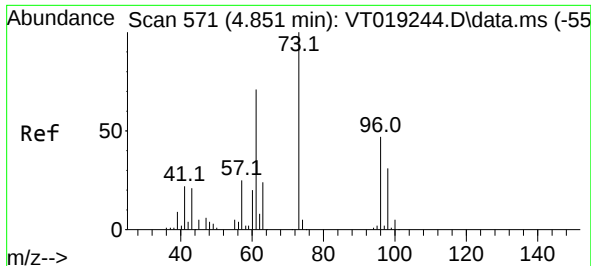
84 100

49 135.1 108.7 163.1

51 42.9 33.2 49.8

86 65.5 50.6 76.0

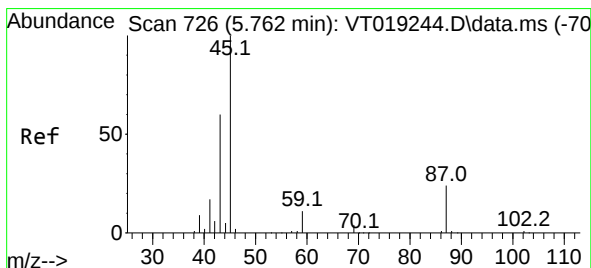
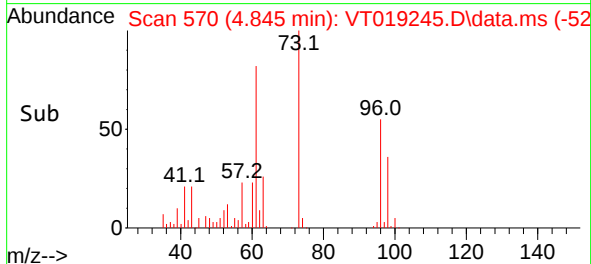
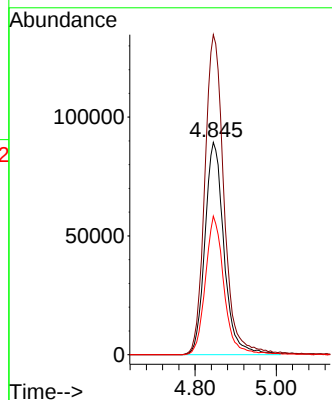
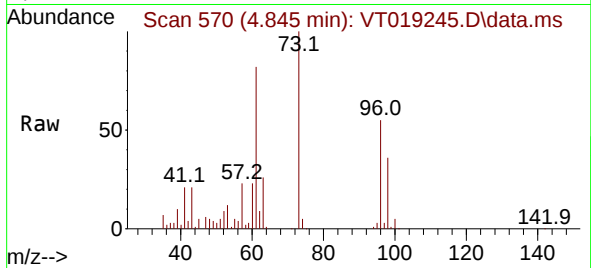




#21
trans-1,2-Dichloroethene
Concen: 93.567 ug/l
RT: 4.845 min Scan# 571
Delta R.T. -0.006 min
Lab File: VT019245.D
Acq: 8 Dec 2025 12:46

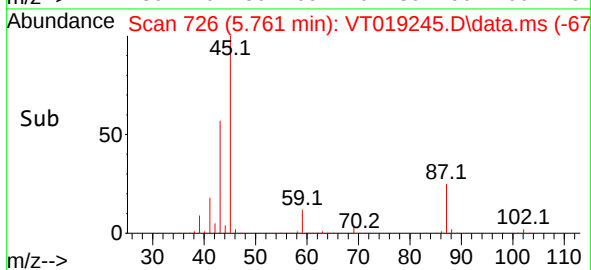
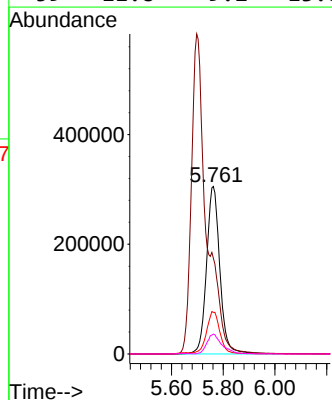
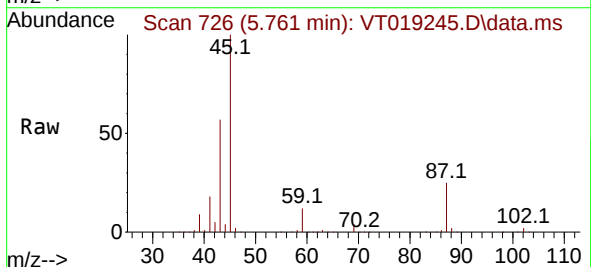
Instrument :
MSVOA_T
ClientSampleId :
VSTDIC100

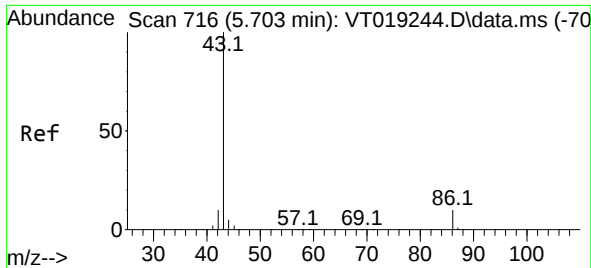
Tgt Ion: 96 Resp: 291479
Ion Ratio Lower Upper
96 100
61 150.7 120.9 181.3
98 65.3 51.8 77.8



#22
Diisopropyl ether
Concen: 101.471 ug/l
RT: 5.761 min Scan# 726
Delta R.T. -0.000 min
Lab File: VT019245.D
Acq: 8 Dec 2025 12:46

Tgt Ion: 45 Resp: 1094297
Ion Ratio Lower Upper
45 100
43 57.0 48.2 72.4
87 24.7 19.7 29.5
59 11.8 9.2 13.8

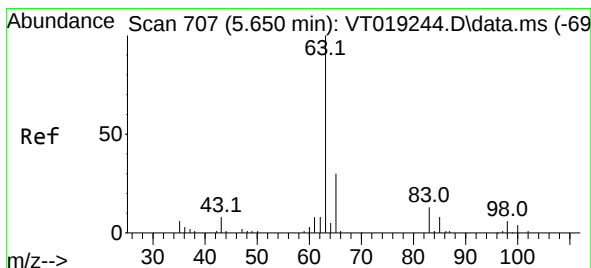
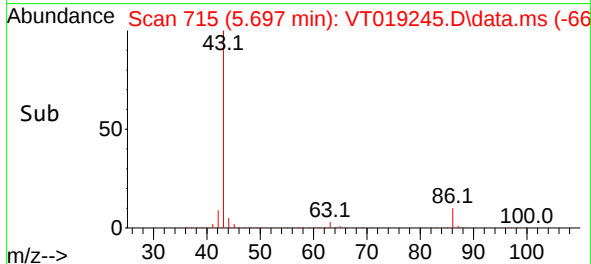
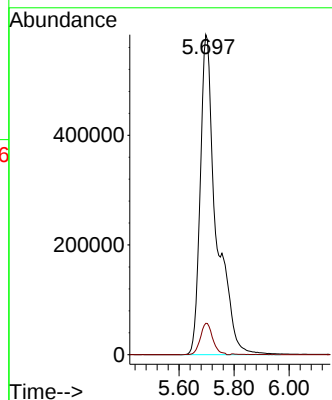
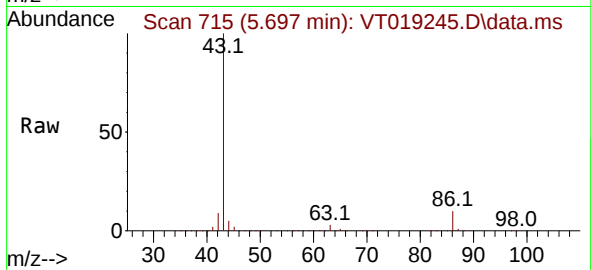




#23
 Vinyl Acetate
 Concen: 505.955 ug/l
 RT: 5.697 min Scan# 716
 Delta R.T. -0.006 min
 Lab File: VT019245.D
 Acq: 8 Dec 2025 12:46

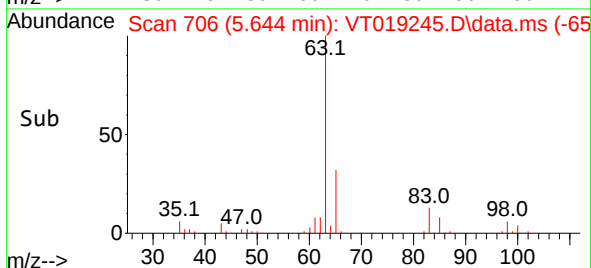
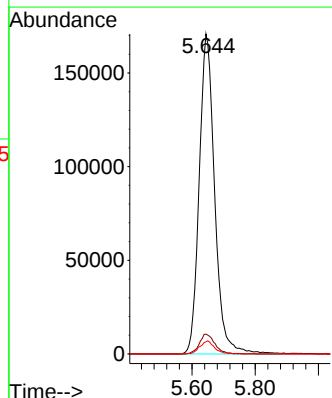
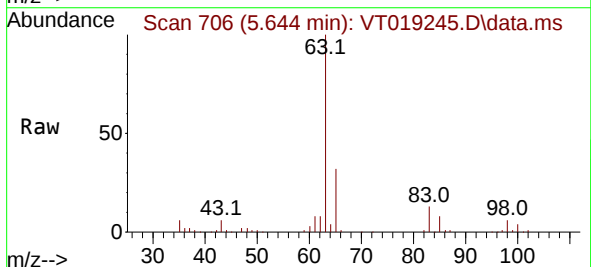
Instrument :
 MSVOA_T
 ClientSampleId :
 VSTDIC100

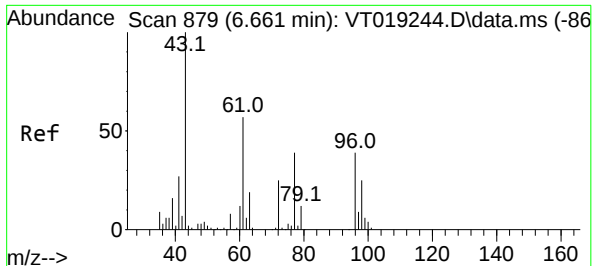
Tgt Ion: 43 Resp: 2370949
 Ion Ratio Lower Upper
 43 100
 86 9.8 7.8 11.6



#24
 1,1-Dichloroethane
 Concen: 103.199 ug/l
 RT: 5.644 min Scan# 706
 Delta R.T. -0.006 min
 Lab File: VT019245.D
 Acq: 8 Dec 2025 12:46

Tgt Ion: 63 Resp: 579436
 Ion Ratio Lower Upper
 63 100
 98 6.2 3.2 9.6
 100 3.8 2.0 5.8

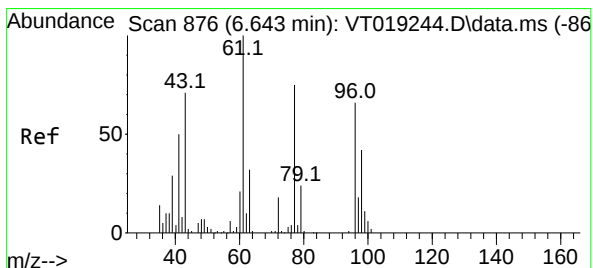
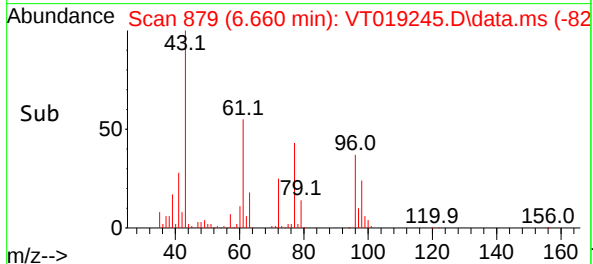
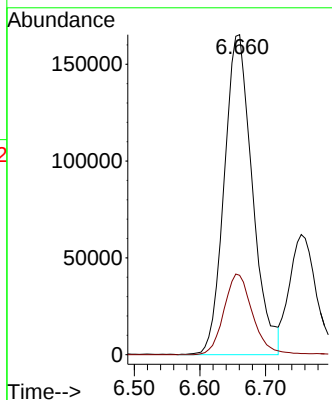
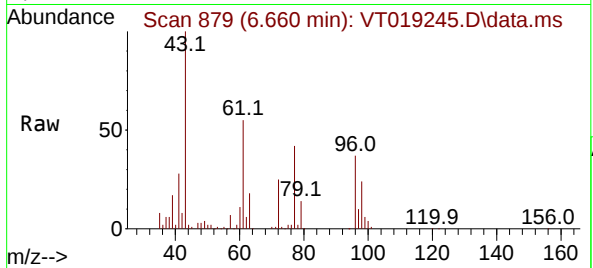




#25
2-Butanone
Concen: 392.900 ug/l
RT: 6.660 min Scan# 81
Delta R.T. -0.000 min
Lab File: VT019245.D
Acq: 8 Dec 2025 12:46

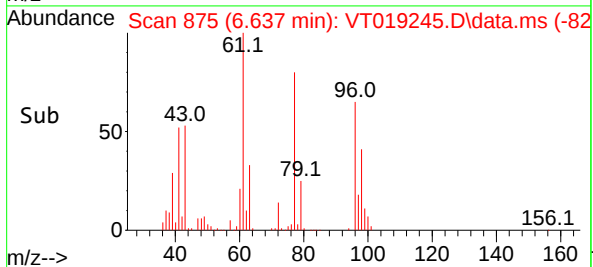
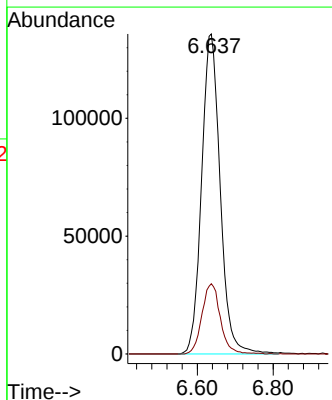
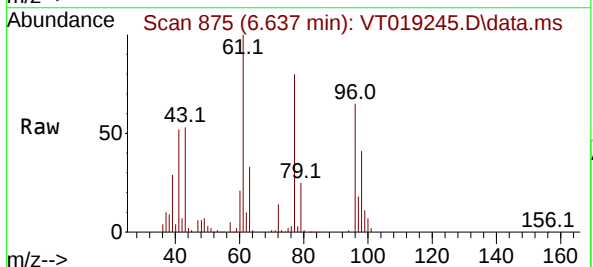
Instrument :
MSVOA_T
ClientSampleId :
VSTDIC100

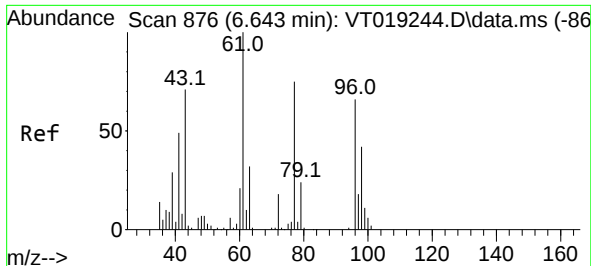
Tgt Ion: 43 Resp: 492314
Ion Ratio Lower Upper
43 100
72 24.8 19.8 29.6



#26
2,2-Dichloropropane
Concen: 112.451 ug/l
RT: 6.637 min Scan# 875
Delta R.T. -0.006 min
Lab File: VT019245.D
Acq: 8 Dec 2025 12:46

Tgt Ion: 77 Resp: 461380
Ion Ratio Lower Upper
77 100
97 21.7 11.3 33.8



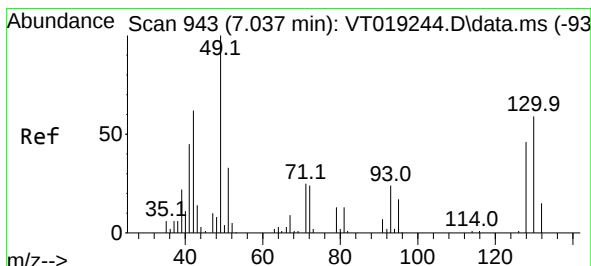
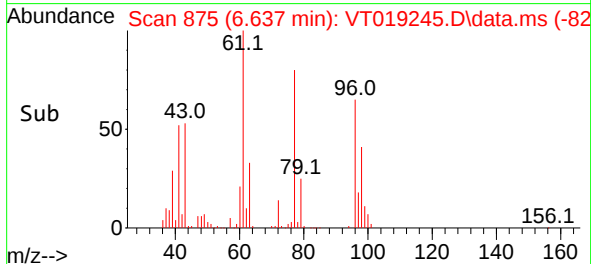
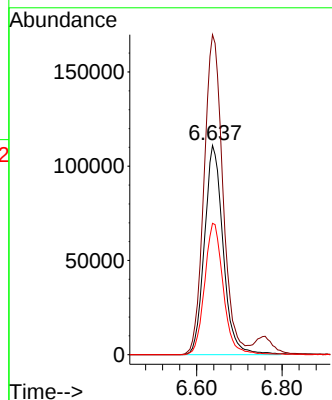
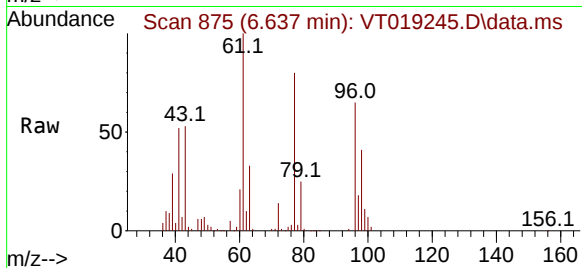


#27
 cis-1,2-Dichloroethene
 Concen: 103.642 ug/l
 RT: 6.637 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: VT019245.D
 Acq: 8 Dec 2025 12:46

Instrument :
 MSVOA_T
 ClientSampleId :
 VSTDIC100

Tgt Ion: 96 Resp: 337272

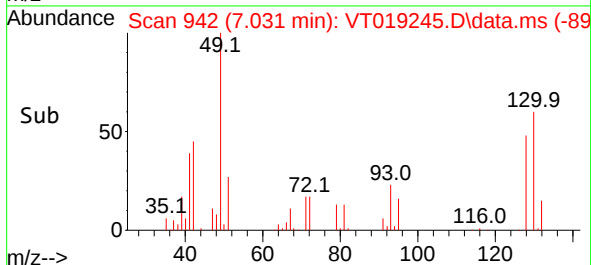
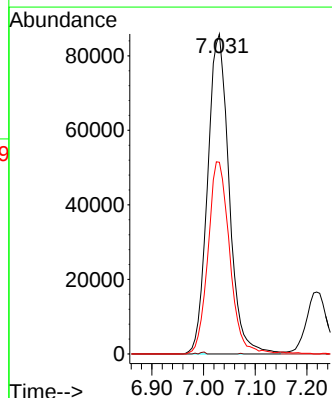
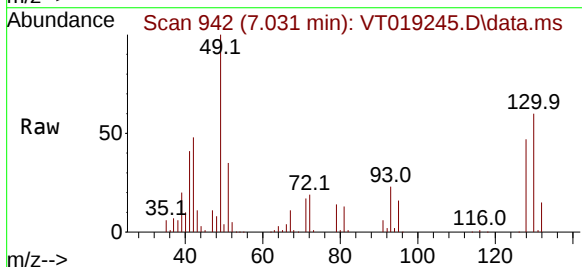
Ion	Ratio	Lower	Upper
96	100		
61	154.2	0.0	305.8
98	62.8	0.0	128.2

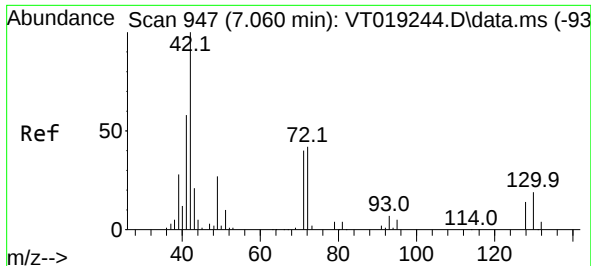


#28
 Bromochloromethane
 Concen: 99.376 ug/l
 RT: 7.031 min Scan# 942
 Delta R.T. -0.006 min
 Lab File: VT019245.D
 Acq: 8 Dec 2025 12:46

Tgt Ion: 49 Resp: 247835

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	0.4
130	60.4	48.2	72.4





#29

Tetrahydrofuran

Concen: 466.368 ug/l

RT: 7.054 min Scan# 94

Delta R.T. -0.006 min

Lab File: VT019245.D

Acq: 8 Dec 2025 12:46

Instrument :

MSVOA_T

ClientSampleId :

VSTDICC100

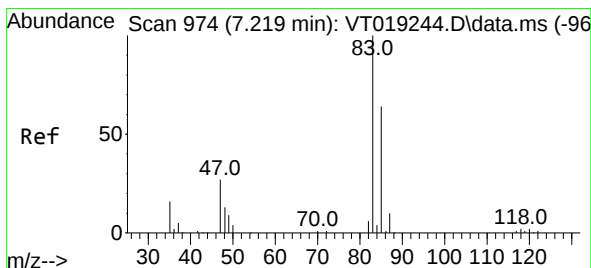
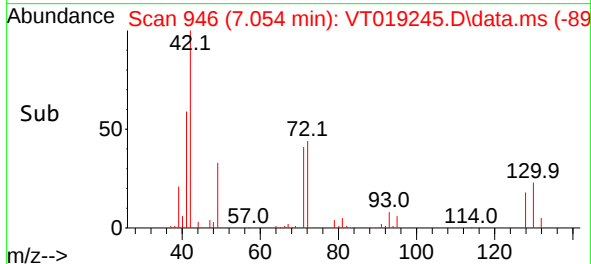
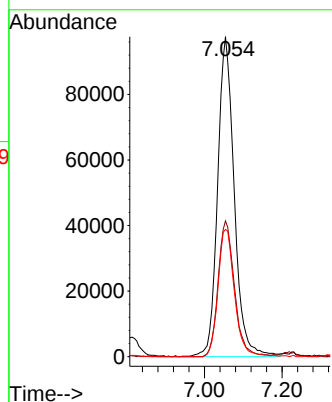
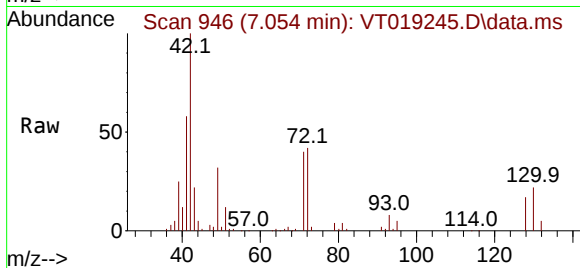
Tgt Ion: 42 Resp: 290564

Ion Ratio Lower Upper

42 100

72 41.8 33.0 49.6

71 39.3 30.6 46.0



#30

Chloroform

Concen: 102.458 ug/l

RT: 7.219 min Scan# 974

Delta R.T. -0.000 min

Lab File: VT019245.D

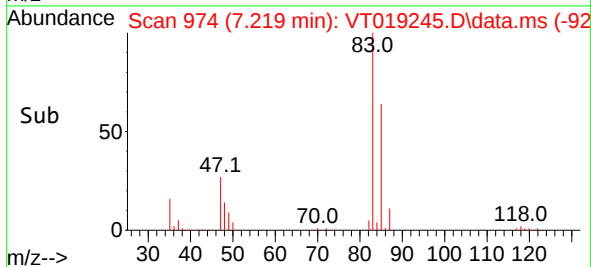
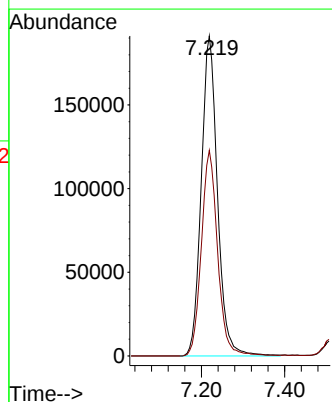
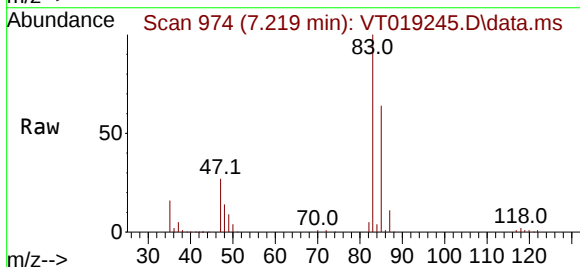
Acq: 8 Dec 2025 12:46

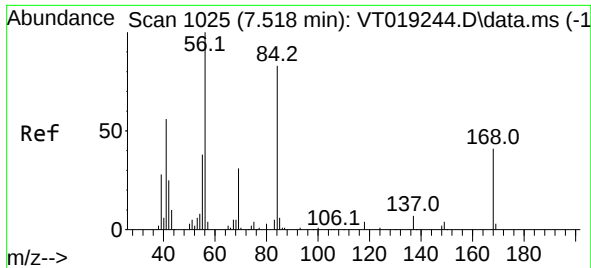
Tgt Ion: 83 Resp: 517461

Ion Ratio Lower Upper

83 100

85 64.3 51.2 76.8

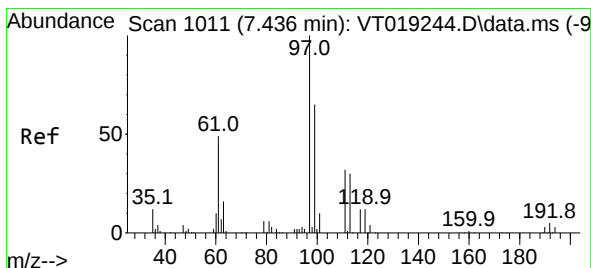
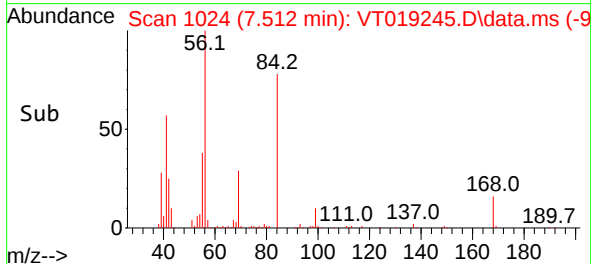
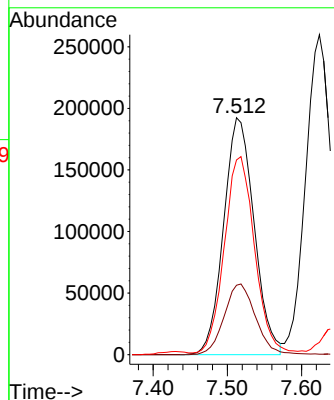
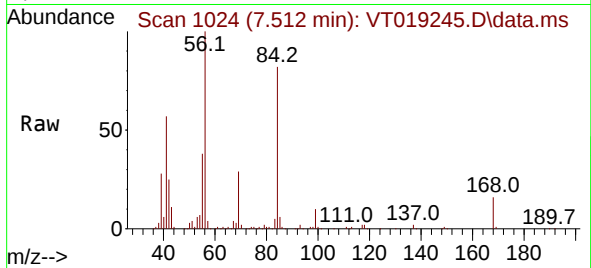




#31
Cyclohexane
Concen: 96.338 ug/l
RT: 7.512 min Scan# 1024
Delta R.T. -0.006 min
Lab File: VT019245.D
Acq: 8 Dec 2025 12:46

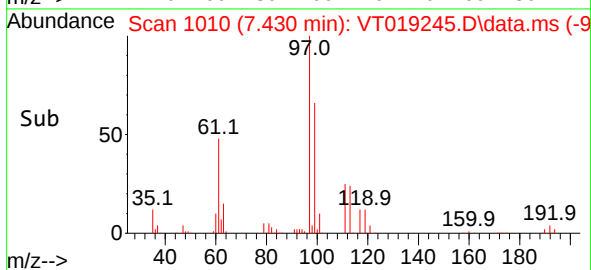
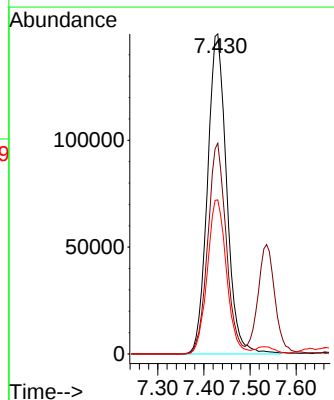
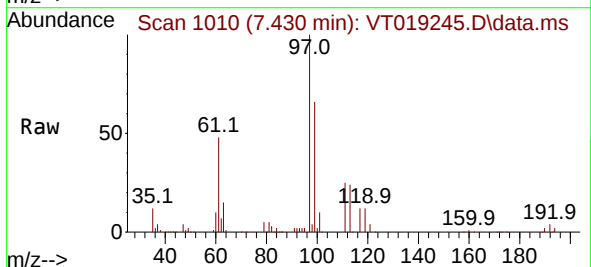
Instrument :
MSVOA_T
ClientSampleId :
VSTDIC100

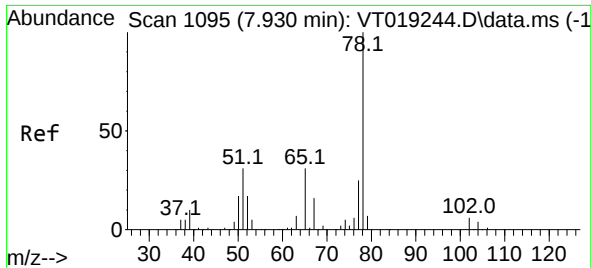
Tgt Ion: 56 Resp: 549400
Ion Ratio Lower Upper
56 100
69 29.3 25.1 37.7
84 80.9 66.3 99.5



#32
1,1,1-Trichloroethane
Concen: 106.801 ug/l
RT: 7.430 min Scan# 1010
Delta R.T. -0.006 min
Lab File: VT019245.D
Acq: 8 Dec 2025 12:46

Tgt Ion: 97 Resp: 433493
Ion Ratio Lower Upper
97 100
99 63.2 50.8 76.2
61 48.3 38.4 57.6

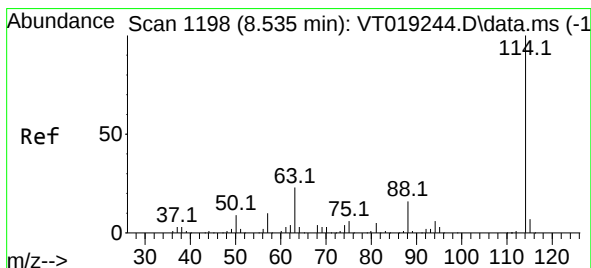
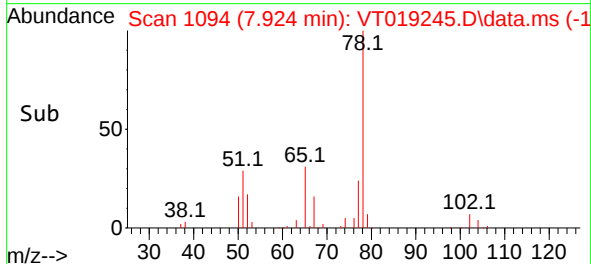
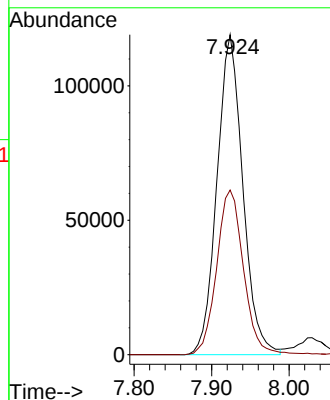
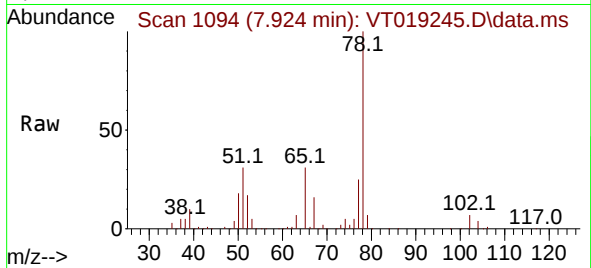




#33
1,2-Dichloroethane-d4
Concen: 97.047 ug/l
RT: 7.924 min Scan# 1094
Delta R.T. -0.006 min
Lab File: VT019245.D
Acq: 8 Dec 2025 12:46

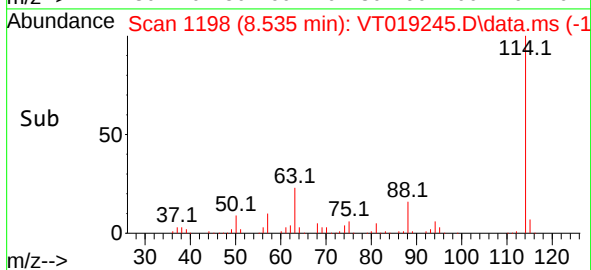
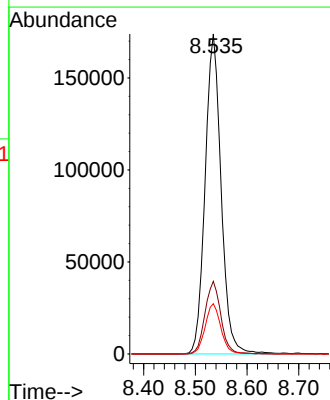
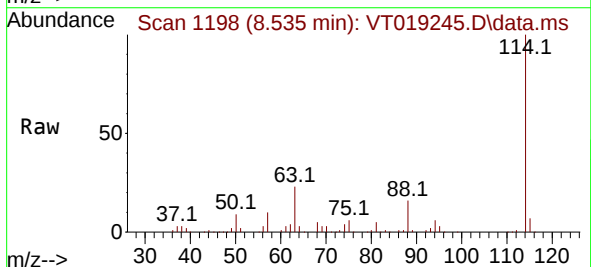
Instrument :
MSVOA_T
ClientSampleId :
VSTDIC100

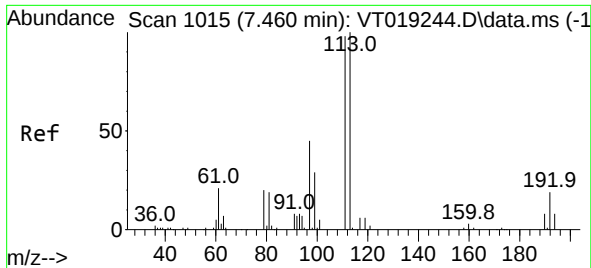
Tgt Ion: 65 Resp: 276095
Ion Ratio Lower Upper
65 100
67 53.6 0.0 106.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.535 min Scan# 1198
Delta R.T. -0.000 min
Lab File: VT019245.D
Acq: 8 Dec 2025 12:46

Tgt Ion: 114 Resp: 373433
Ion Ratio Lower Upper
114 100
63 22.7 0.0 45.2
88 15.7 0.0 31.4

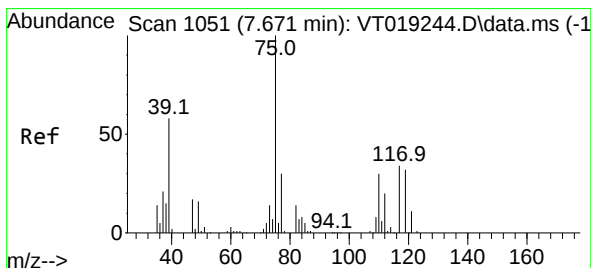
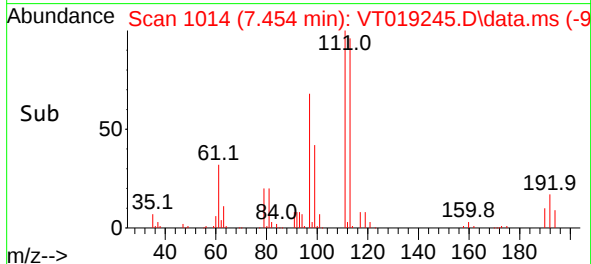
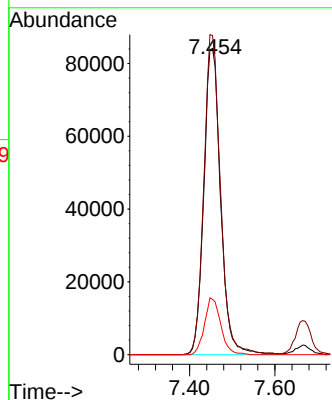
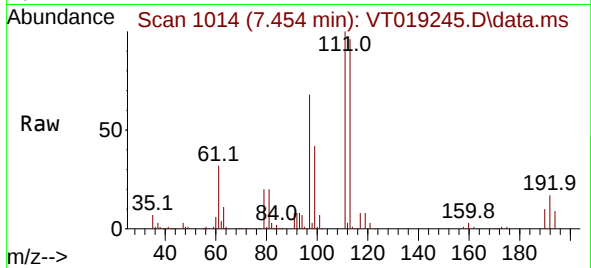




#35
 Dibromofluoromethane
 Concen: 104.627 ug/l
 RT: 7.454 min Scan# 1014
 Delta R.T. -0.006 min
 Lab File: VT019245.D
 Acq: 8 Dec 2025 12:46

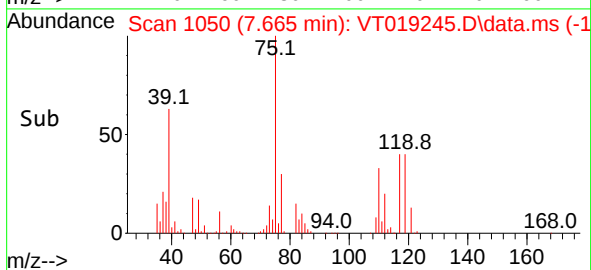
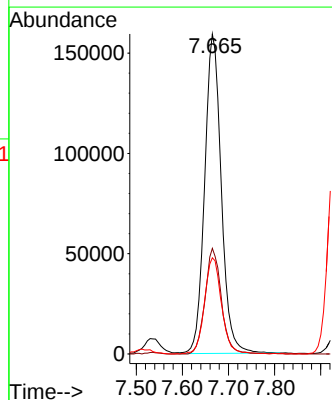
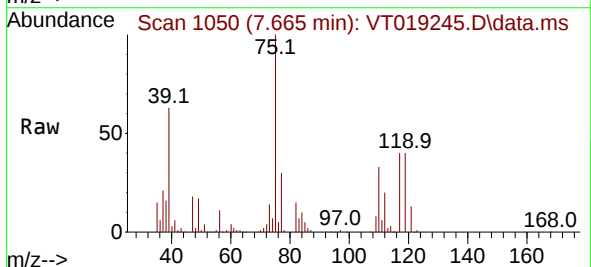
Instrument :
 MSVOA_T
 ClientSampleId :
 VSTDIC100

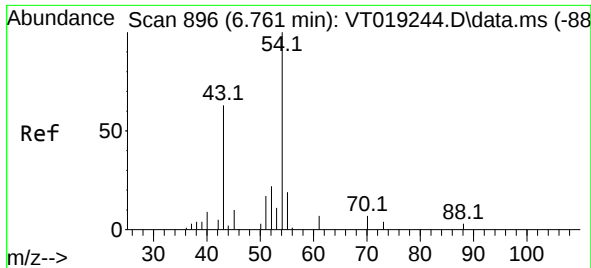
Tgt Ion:113 Resp: 230072
 Ion Ratio Lower Upper
 113 100
 111 103.4 82.7 124.1
 192 17.9 14.2 21.4



#36
 1,1-Dichloropropene
 Concen: 103.517 ug/l
 RT: 7.665 min Scan# 1050
 Delta R.T. -0.006 min
 Lab File: VT019245.D
 Acq: 8 Dec 2025 12:46

Tgt Ion: 75 Resp: 400233
 Ion Ratio Lower Upper
 75 100
 110 32.5 16.1 48.3
 77 30.9 24.4 36.6





#37

Ethyl Acetate

Concen: 92.232 ug/l

RT: 6.754 min Scan# 895

Delta R.T. -0.006 min

Lab File: VT019245.D

Acq: 8 Dec 2025 12:46

Instrument :

MSVOA_T

ClientSampleId :

VSTDIC100

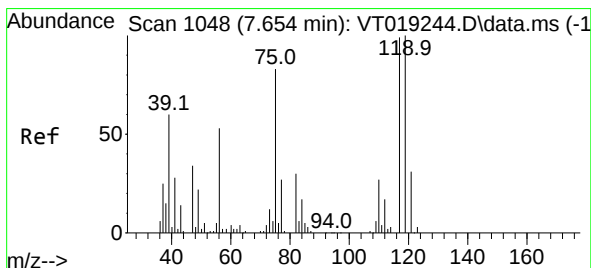
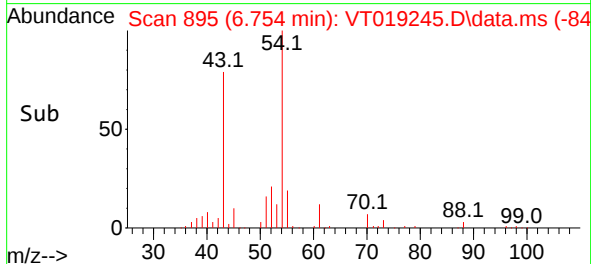
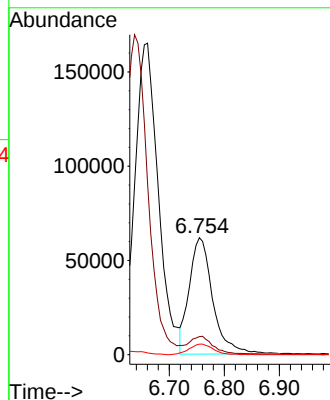
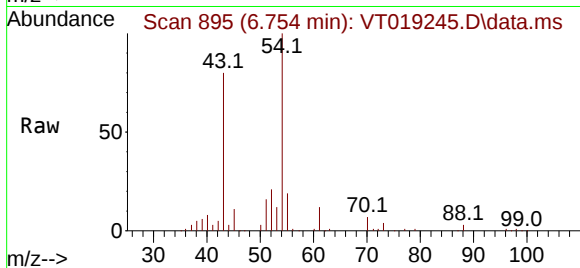
Tgt Ion: 43 Resp: 182675

Ion Ratio Lower Upper

43 100

61 16.5 11.7 17.5

70 9.3 7.1 10.7



#38

Carbon Tetrachloride

Concen: 115.099 ug/l

RT: 7.648 min Scan# 1047

Delta R.T. -0.006 min

Lab File: VT019245.D

Acq: 8 Dec 2025 12:46

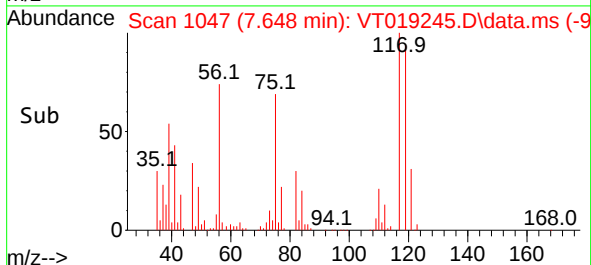
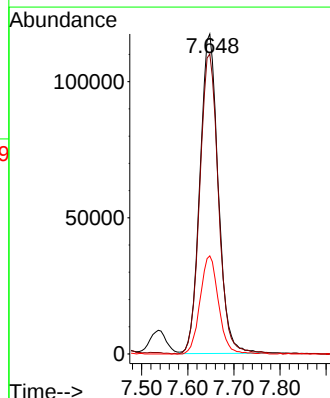
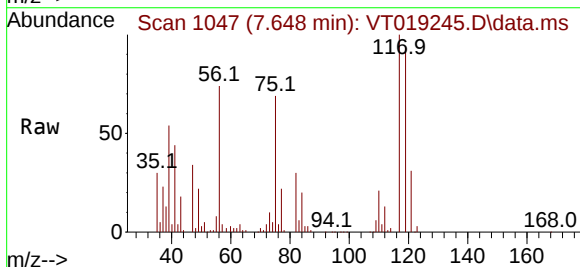
Tgt Ion: 117 Resp: 324705

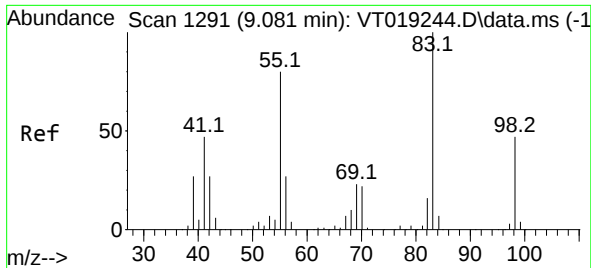
Ion Ratio Lower Upper

117 100

119 93.8 80.1 120.1

121 30.7 25.1 37.7

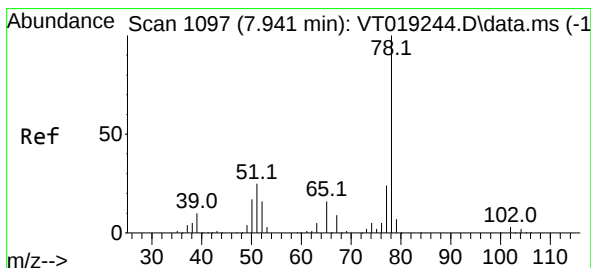
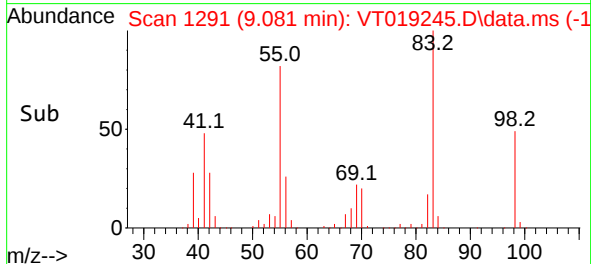
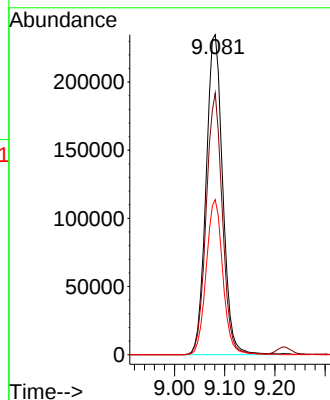
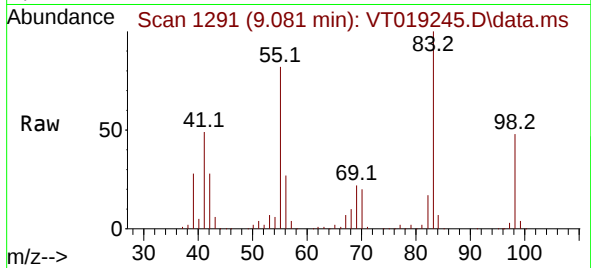




#39
Methylcyclohexane
Concen: 104.708 ug/l
RT: 9.081 min Scan# 11
Delta R.T. -0.000 min
Lab File: VT019245.D
Acq: 8 Dec 2025 12:46

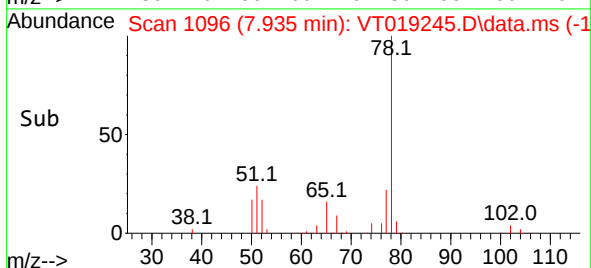
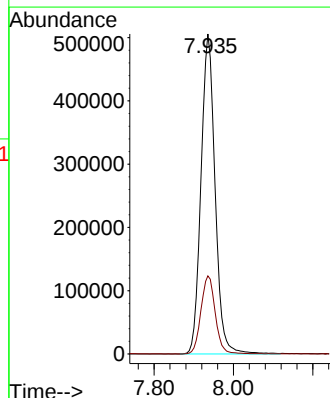
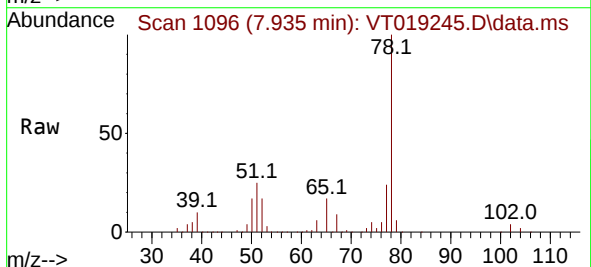
Instrument :
MSVOA_T
ClientSampleId :
VSTDICC100

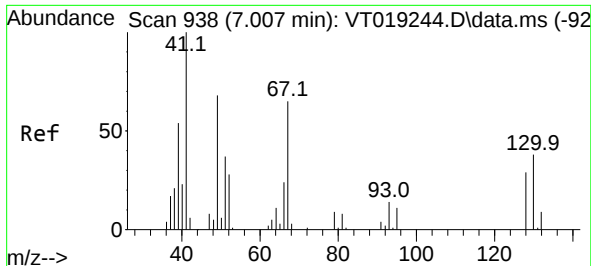
Tgt Ion: 83 Resp: 541362
Ion Ratio Lower Upper
83 100
55 81.8 64.2 96.4
98 48.5 37.2 55.8



#40
Benzene
Concen: 103.186 ug/l
RT: 7.935 min Scan# 1096
Delta R.T. -0.006 min
Lab File: VT019245.D
Acq: 8 Dec 2025 12:46

Tgt Ion: 78 Resp: 1247341
Ion Ratio Lower Upper
78 100
77 24.4 19.4 29.2

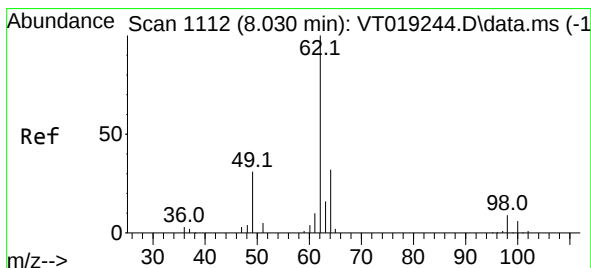
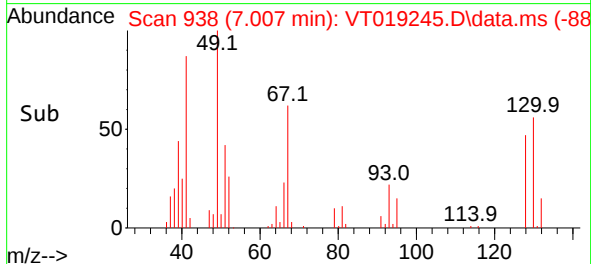
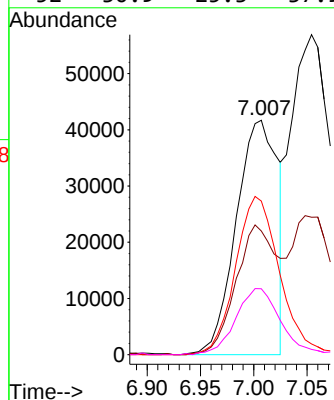
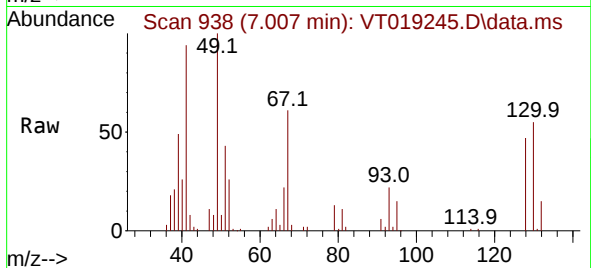




#41
Methacrylonitrile
Concen: 103.884 ug/l
RT: 7.007 min Scan# 91
Delta R.T. -0.000 min
Lab File: VT019245.D
Acq: 8 Dec 2025 12:46

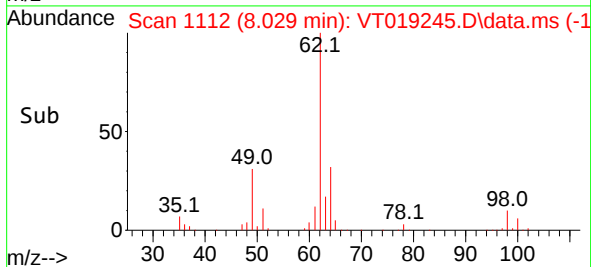
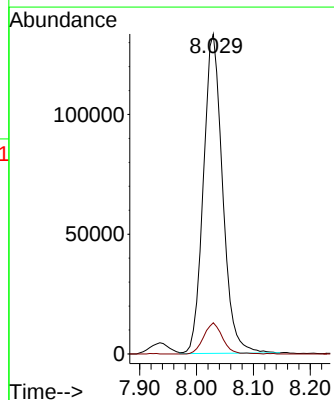
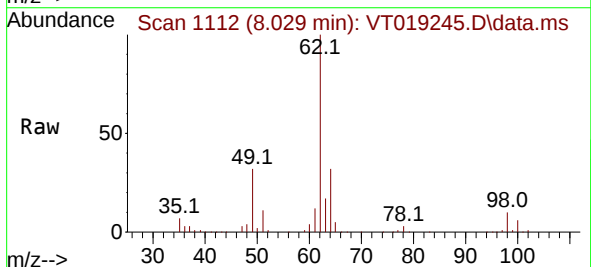
Instrument :
MSVOA_T
ClientSampleId :
VSTDIC100

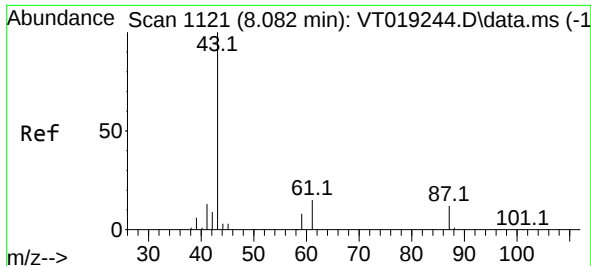
Tgt Ion: 41 Resp: 112860
Ion Ratio Lower Upper
41 100
39 53.6 47.5 71.3
67 72.3 61.2 91.8
52 30.9 25.3 37.9



#42
1,2-Dichloroethane
Concen: 100.644 ug/l
RT: 8.029 min Scan# 1112
Delta R.T. -0.000 min
Lab File: VT019245.D
Acq: 8 Dec 2025 12:46

Tgt Ion: 62 Resp: 311742
Ion Ratio Lower Upper
62 100
98 9.6 0.0 18.0

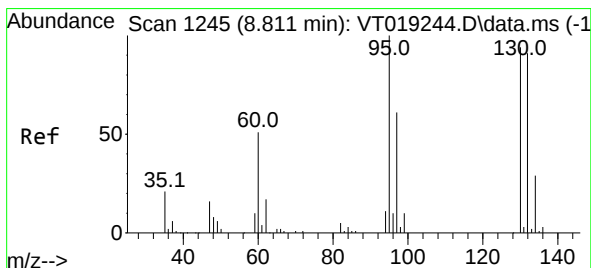
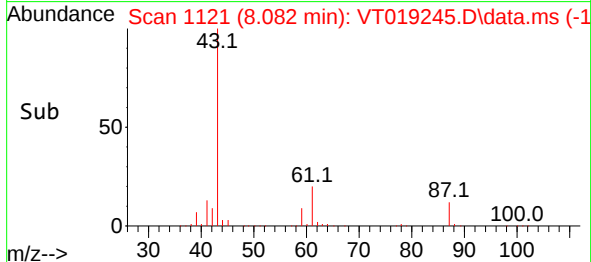
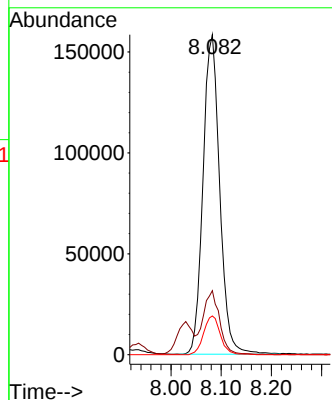
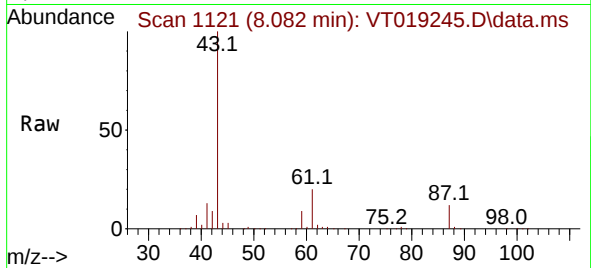




#43
Isopropyl Acetate
Concen: 99.015 ug/l
RT: 8.082 min Scan# 1121
Delta R.T. -0.000 min
Lab File: VT019245.D
Acq: 8 Dec 2025 12:46

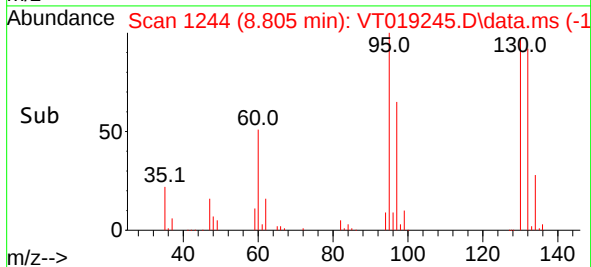
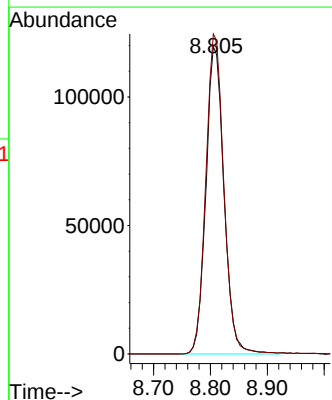
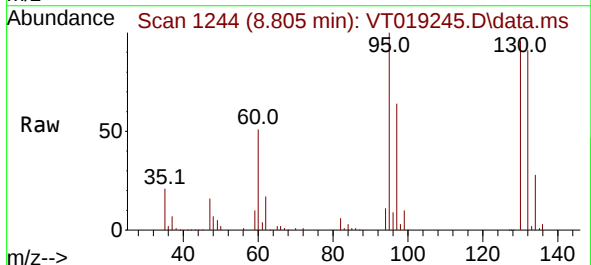
Instrument :
MSVOA_T
ClientSampleId :
VSTDIC100

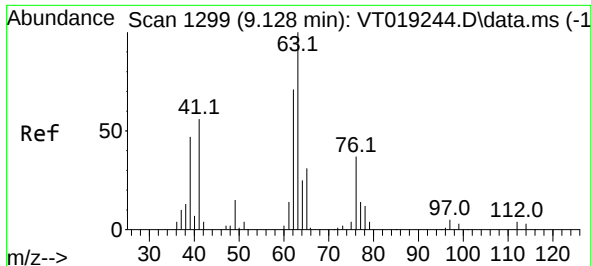
Tgt Ion: 43 Resp: 366815
Ion Ratio Lower Upper
43 100
61 19.9 15.9 23.9
87 12.1 9.8 14.6



#44
Trichloroethene
Concen: 103.685 ug/l
RT: 8.805 min Scan# 1244
Delta R.T. -0.006 min
Lab File: VT019245.D
Acq: 8 Dec 2025 12:46

Tgt Ion:130 Resp: 263560
Ion Ratio Lower Upper
130 100
95 104.2 0.0 212.2

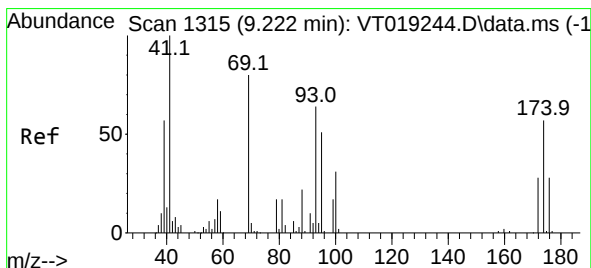
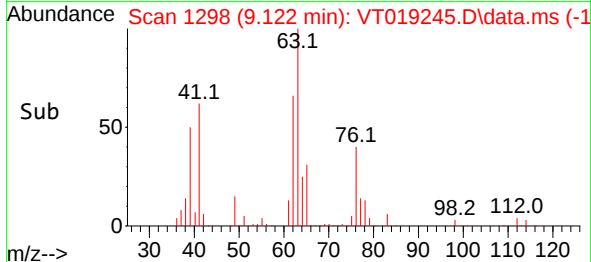
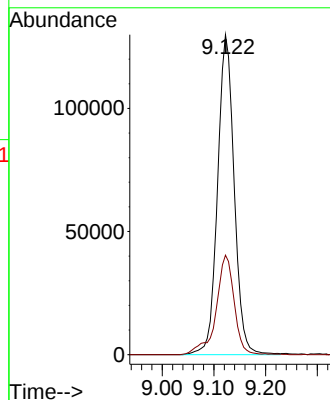
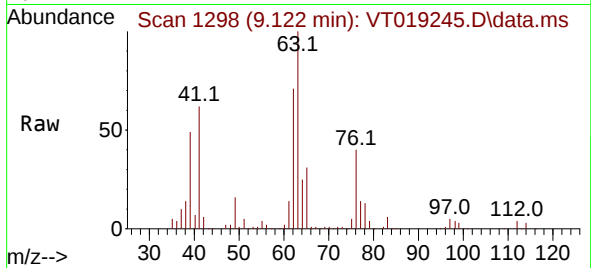




#45
1,2-Dichloropropane
Concen: 102.960 ug/l
RT: 9.122 min Scan# 1299
Delta R.T. -0.006 min
Lab File: VT019245.D
Acq: 8 Dec 2025 12:46

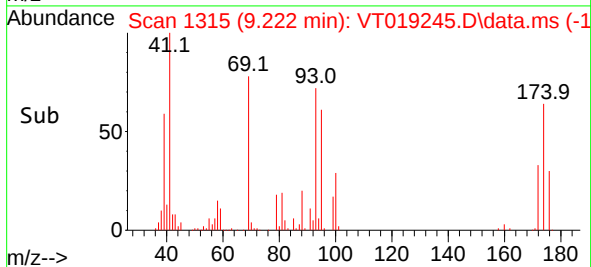
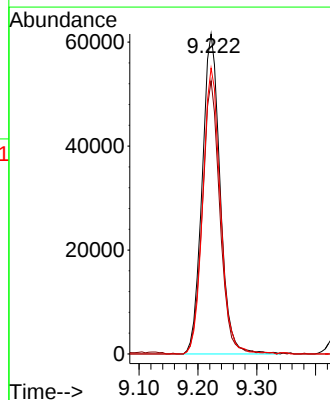
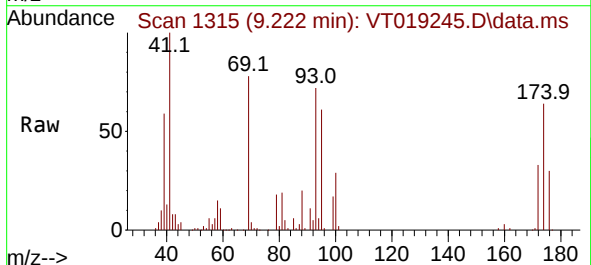
Instrument :
MSVOA_T
ClientSampleId :
VSTDIC100

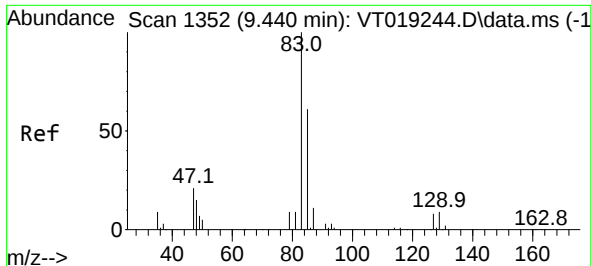
Tgt Ion: 63 Resp: 289688
Ion Ratio Lower Upper
63 100
65 31.1 24.6 37.0



#46
Dibromomethane
Concen: 102.135 ug/l
RT: 9.222 min Scan# 1315
Delta R.T. -0.000 min
Lab File: VT019245.D
Acq: 8 Dec 2025 12:46

Tgt Ion: 93 Resp: 130744
Ion Ratio Lower Upper
93 100
95 82.9 66.6 99.8
174 87.5 70.6 105.8

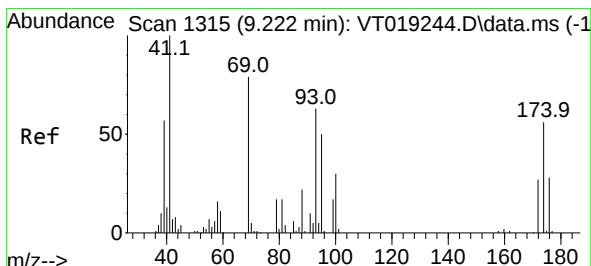
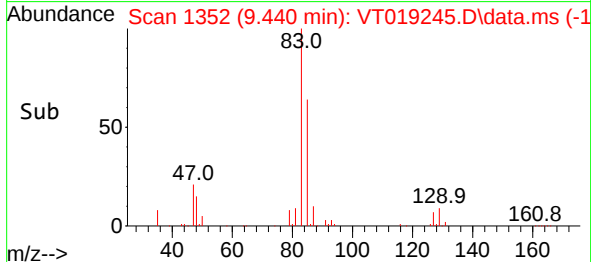
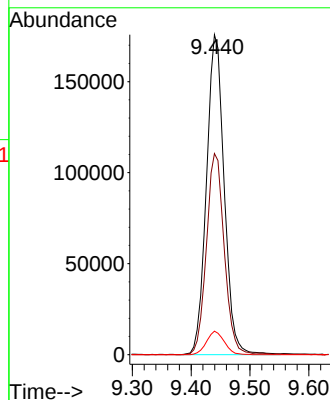
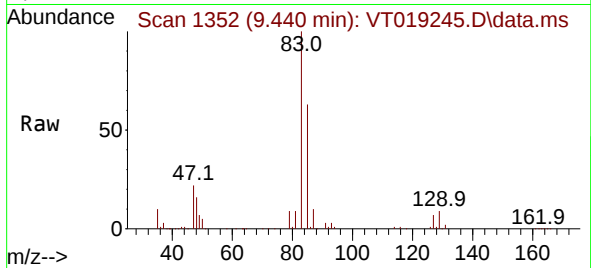




#47
Bromodichloromethane
Concen: 106.728 ug/l
RT: 9.440 min Scan# 1352
Delta R.T. -0.000 min
Lab File: VT019245.D
Acq: 8 Dec 2025 12:46

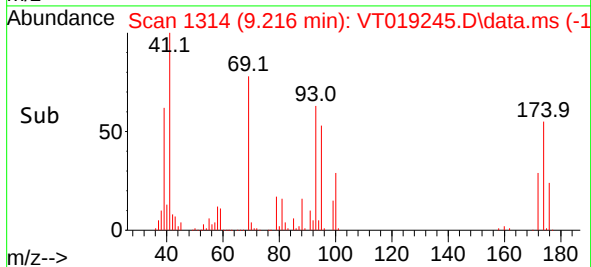
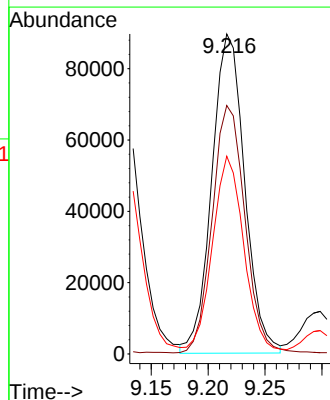
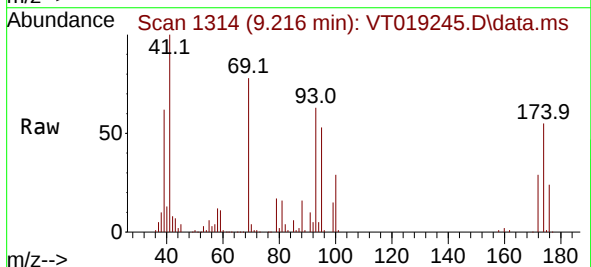
Instrument :
MSVOA_T
ClientSampleId :
VSTDIC100

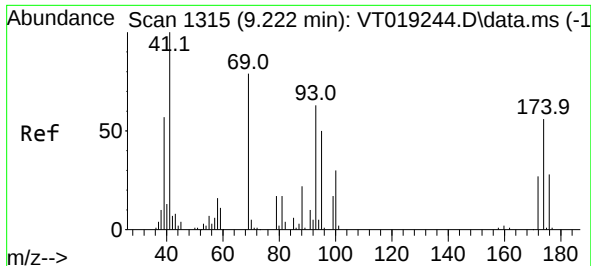
Tgt Ion: 83 Resp: 368202
Ion Ratio Lower Upper
83 100
85 62.8 48.6 73.0
127 7.4 6.3 9.5



#48
Methyl methacrylate
Concen: 101.911 ug/l
RT: 9.216 min Scan# 1314
Delta R.T. -0.006 min
Lab File: VT019245.D
Acq: 8 Dec 2025 12:46

Tgt Ion: 41 Resp: 180134
Ion Ratio Lower Upper
41 100
69 77.3 63.2 94.8
39 60.0 47.9 71.9





#49

1,4-Dioxane

Concen: 1760.924 ug/l

RT: 9.222 min Scan# 1315

Delta R.T. -0.000 min

Lab File: VT019245.D

Acq: 8 Dec 2025 12:46

Instrument :

MSVOA_T

ClientSampleId :

VSTDIC100

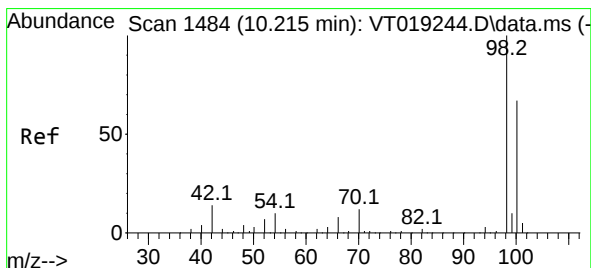
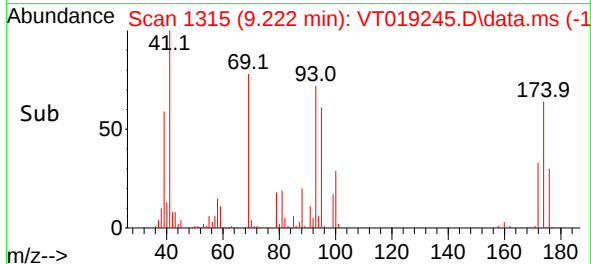
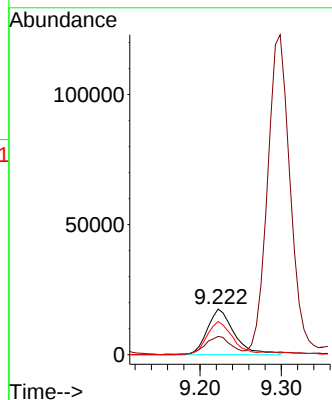
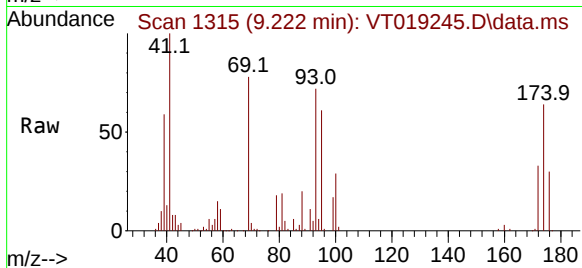
Tgt Ion: 88 Resp: 40299

Ion Ratio Lower Upper

88 100

43 39.0 31.4 47.0

58 69.5 58.6 87.8



#50

Toluene-d8

Concen: 99.640 ug/l

RT: 10.215 min Scan# 1484

Delta R.T. -0.000 min

Lab File: VT019245.D

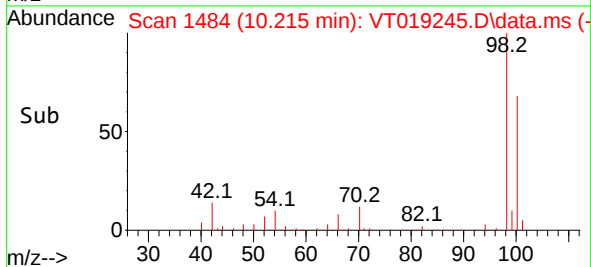
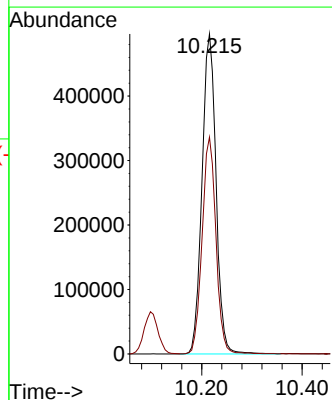
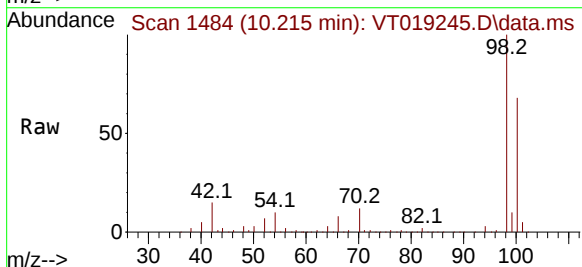
Acq: 8 Dec 2025 12:46

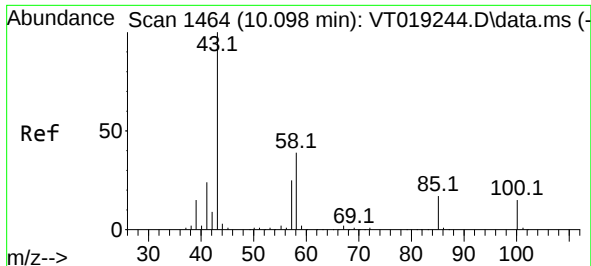
Tgt Ion: 98 Resp: 962483

Ion Ratio Lower Upper

98 100

100 66.7 52.8 79.2

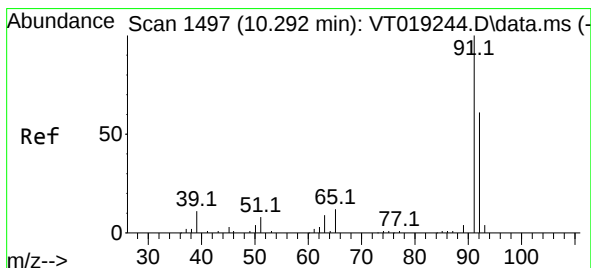
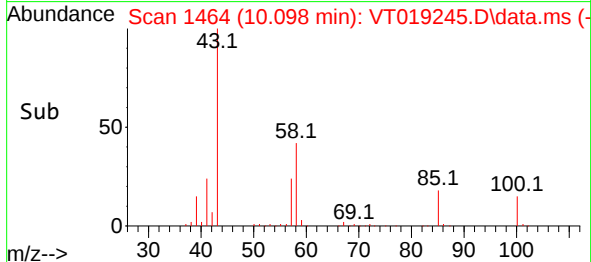
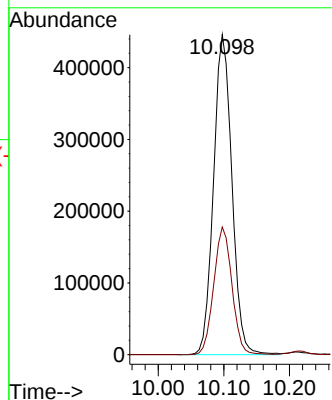
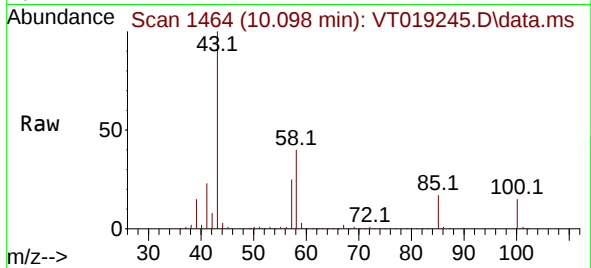




#51
4-Methyl-2-Pentanone
Concen: 474.101 ug/l
RT: 10.098 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VT019245.D
Acq: 8 Dec 2025 12:46

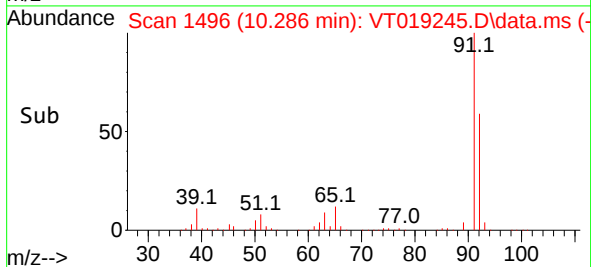
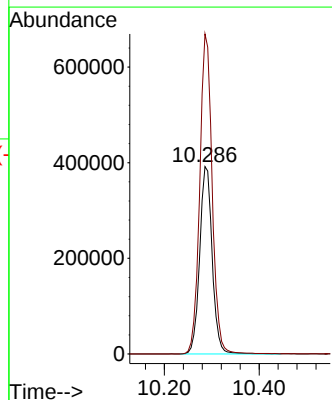
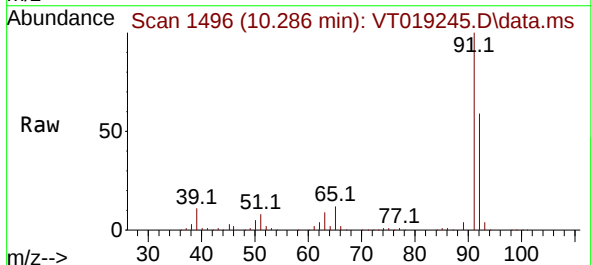
Instrument :
MSVOA_T
ClientSampleId :
VSTDICC100

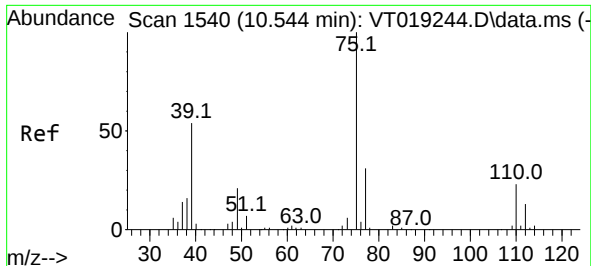
Tgt Ion: 43 Resp: 865913
Ion Ratio Lower Upper
43 100
58 39.6 31.5 47.3



#52
Toluene
Concen: 98.747 ug/l
RT: 10.286 min Scan# 1496
Delta R.T. -0.006 min
Lab File: VT019245.D
Acq: 8 Dec 2025 12:46

Tgt Ion: 92 Resp: 716827
Ion Ratio Lower Upper
92 100
91 170.5 135.7 203.5

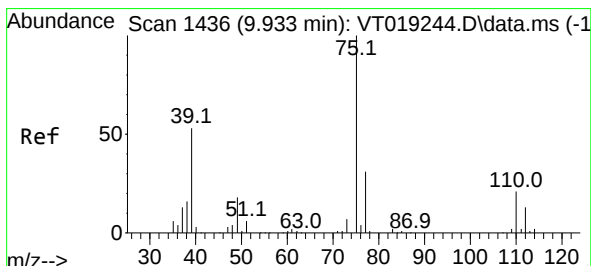
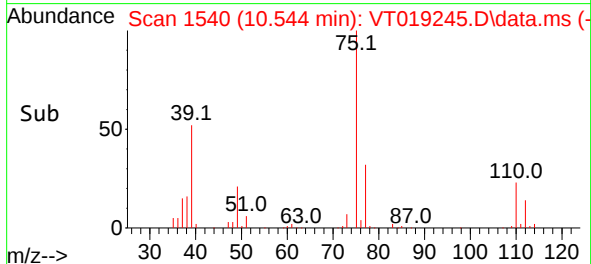
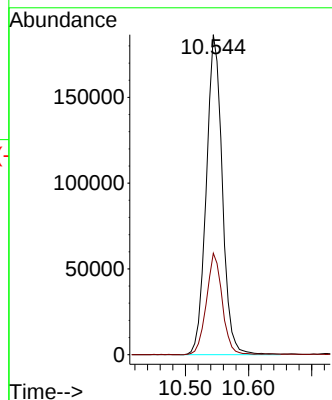
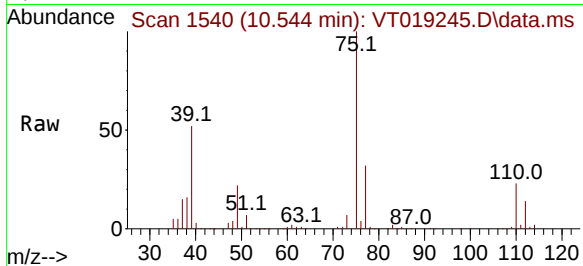




#53
 t-1,3-Dichloropropene
 Concen: 104.591 ug/l
 RT: 10.544 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VT019245.D
 Acq: 8 Dec 2025 12:46

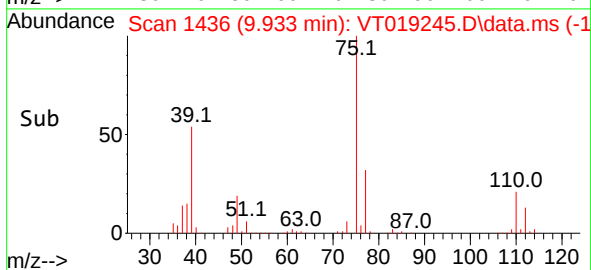
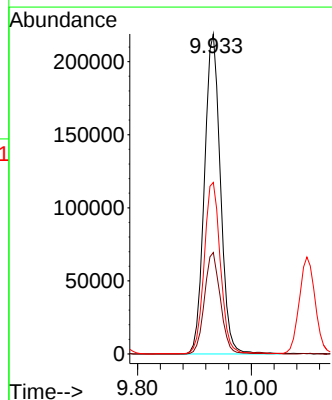
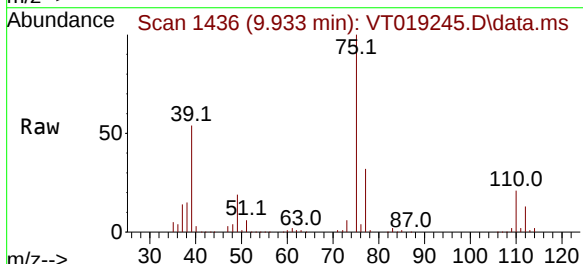
Instrument :
 MSVOA_T
 ClientSampleId :
 VSTDIC100

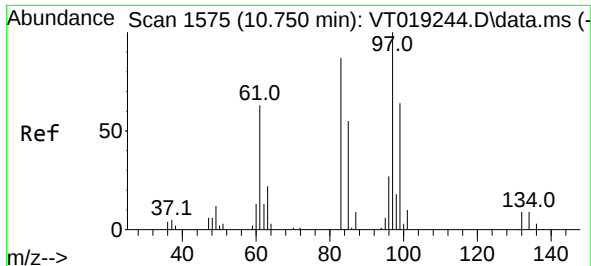
Tgt Ion: 75 Resp: 327151
 Ion Ratio Lower Upper
 75 100
 77 31.7 25.0 37.4



#54
 cis-1,3-Dichloropropene
 Concen: 107.936 ug/l
 RT: 9.933 min Scan# 1436
 Delta R.T. -0.000 min
 Lab File: VT019245.D
 Acq: 8 Dec 2025 12:46

Tgt Ion: 75 Resp: 427128
 Ion Ratio Lower Upper
 75 100
 77 31.7 24.5 36.7
 39 53.5 42.1 63.1

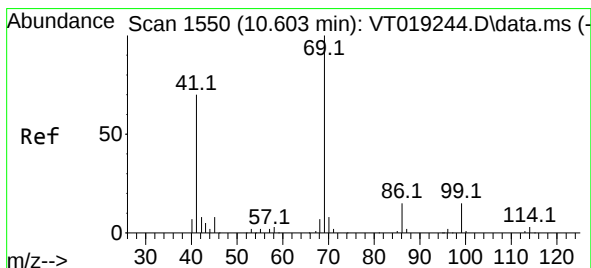
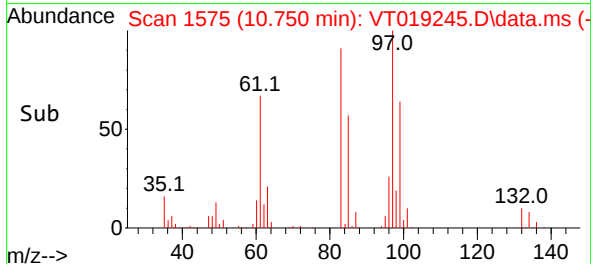
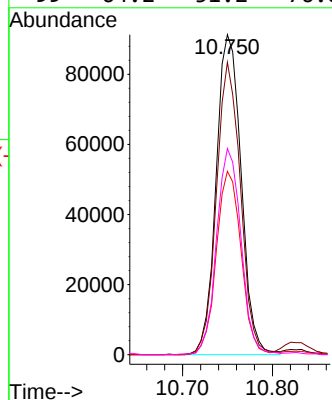
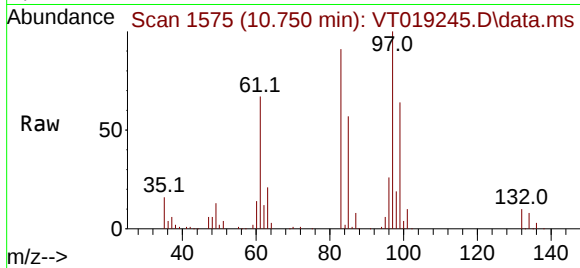




#55
1,1,2-Trichloroethane
Concen: 96.422 ug/l
RT: 10.750 min Scan# 1575
Delta R.T. -0.000 min
Lab File: VT019245.D
Acq: 8 Dec 2025 12:46

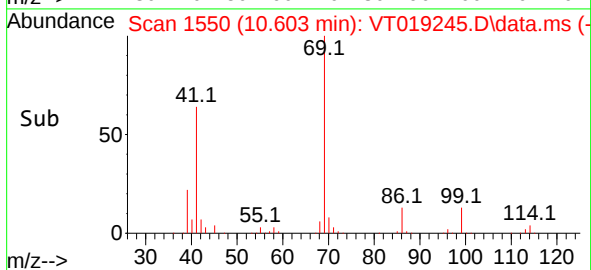
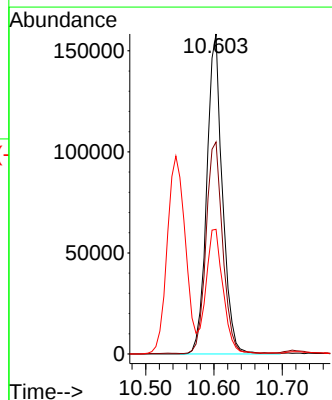
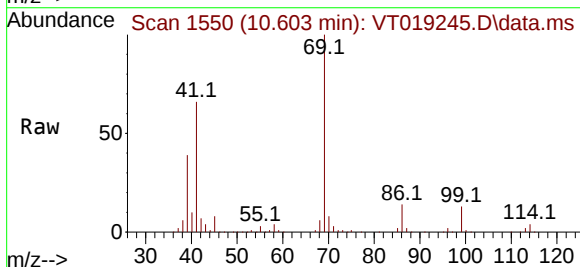
Instrument :
MSVOA_T
ClientSampleId :
VSTDIC100

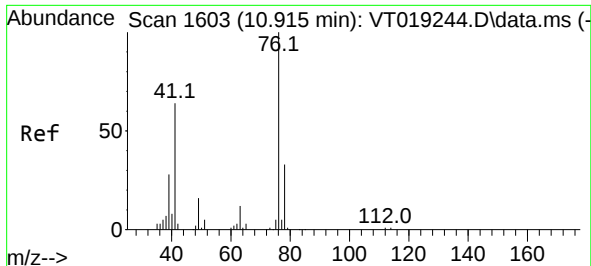
Tgt Ion:	97	Resp:	176658
Ion	Ratio	Lower	Upper
97	100		
83	91.4	69.5	104.3
85	57.3	44.2	66.2
99	64.2	51.2	76.8



#56
Ethyl methacrylate
Concen: 102.240 ug/l
RT: 10.603 min Scan# 1550
Delta R.T. -0.000 min
Lab File: VT019245.D
Acq: 8 Dec 2025 12:46

Tgt Ion:	69	Resp:	252466
Ion	Ratio	Lower	Upper
69	100		
41	70.3	56.5	84.7
39	42.3	34.4	51.6

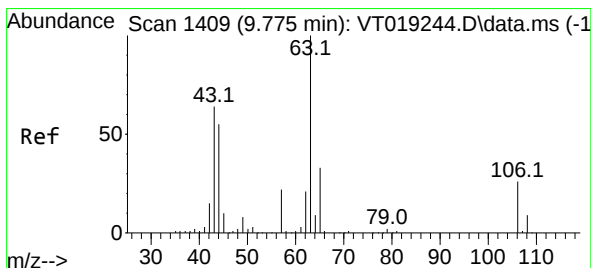
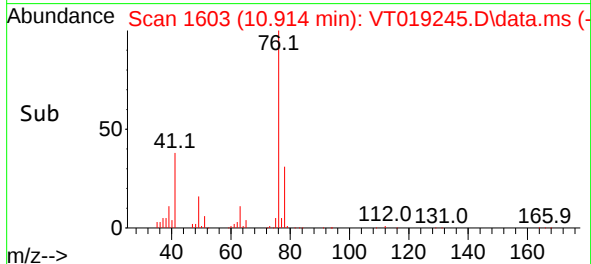
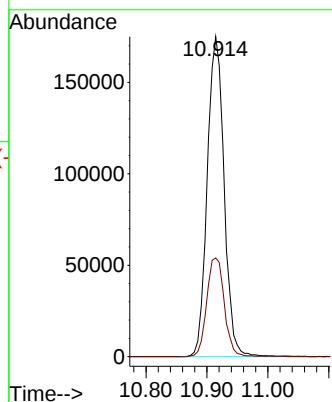
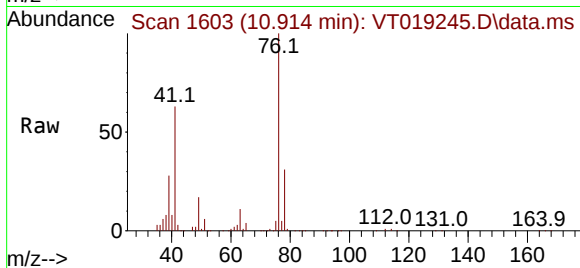




#57
1,3-Dichloropropane
Concen: 99.198 ug/l
RT: 10.914 min Scan# 1603
Delta R.T. -0.000 min
Lab File: VT019245.D
Acq: 8 Dec 2025 12:46

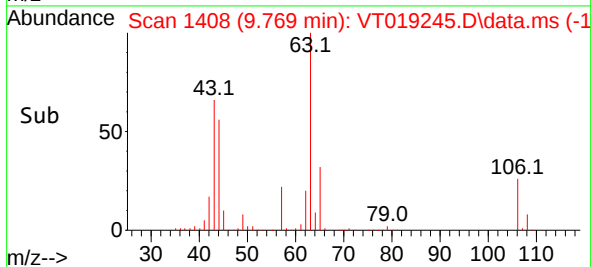
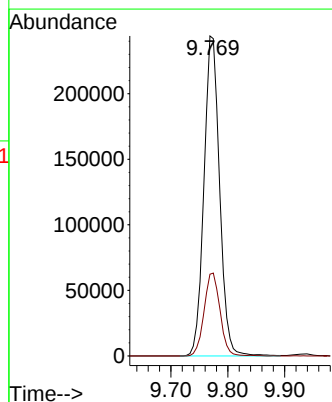
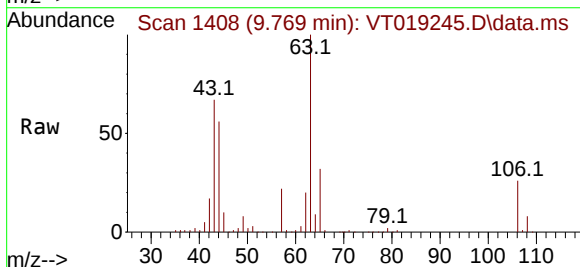
Instrument :
MSVOA_T
ClientSampleId :
VSTDIC100

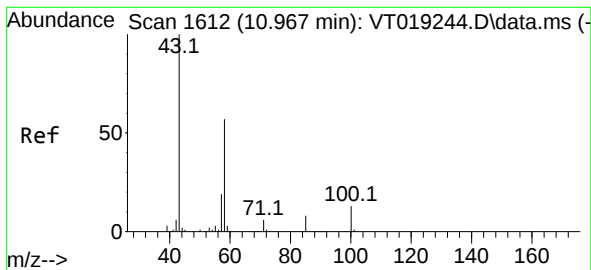
Tgt Ion: 76 Resp: 336090
Ion Ratio Lower Upper
76 100
78 32.3 25.9 38.9



#58
2-Chloroethyl Vinyl ether
Concen: 116.306 ug/l
RT: 9.769 min Scan# 1408
Delta R.T. -0.006 min
Lab File: VT019245.D
Acq: 8 Dec 2025 12:46

Tgt Ion: 63 Resp: 465573
Ion Ratio Lower Upper
63 100
106 26.4 21.2 31.8

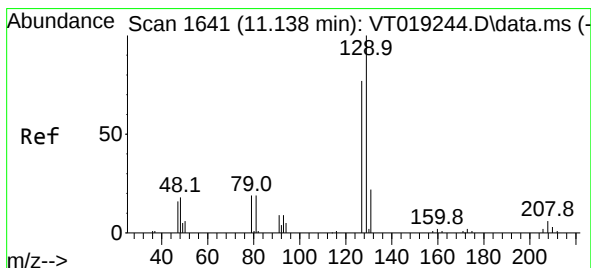
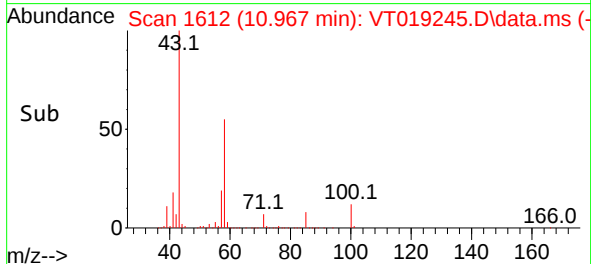
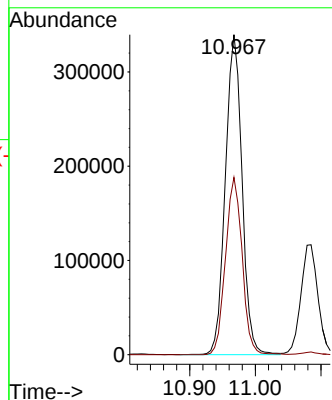
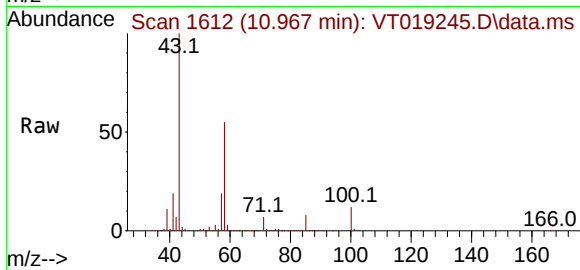




#59
2-Hexanone
Concen: 408.495 ug/l
RT: 10.967 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VT019245.D
Acq: 8 Dec 2025 12:46

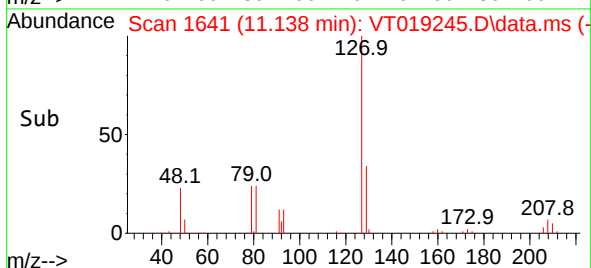
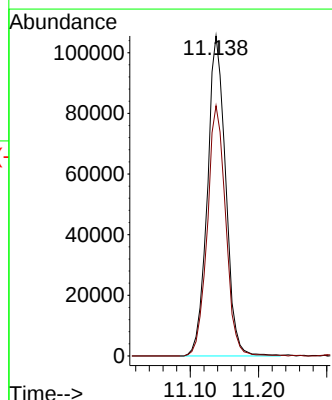
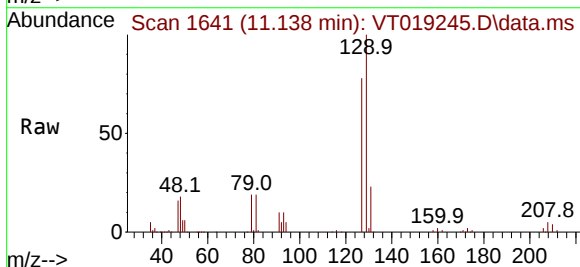
Instrument :
MSVOA_T
ClientSampleId :
VSTDIC100

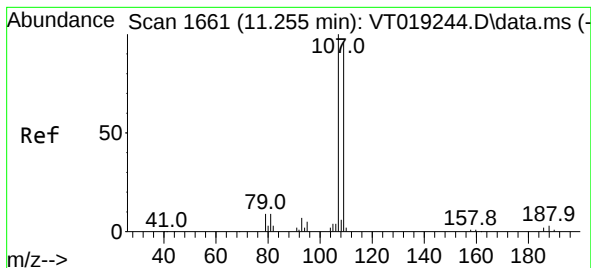
Tgt Ion: 43 Resp: 599598
Ion Ratio Lower Upper
43 100
58 55.2 27.4 82.0



#60
Dibromochloromethane
Concen: 101.982 ug/l
RT: 11.138 min Scan# 1641
Delta R.T. -0.000 min
Lab File: VT019245.D
Acq: 8 Dec 2025 12:46

Tgt Ion: 129 Resp: 196362
Ion Ratio Lower Upper
129 100
127 78.7 38.9 116.7





#61

1,2-Dibromoethane

Concen: 94.349 ug/l

RT: 11.255 min Scan# 1

Delta R.T. -0.000 min

Lab File: VT019245.D

Acq: 8 Dec 2025 12:46

Instrument :

MSVOA_T

ClientSampleId :

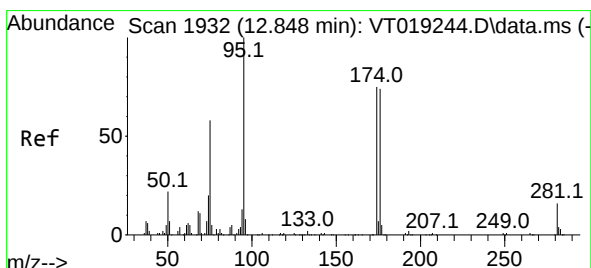
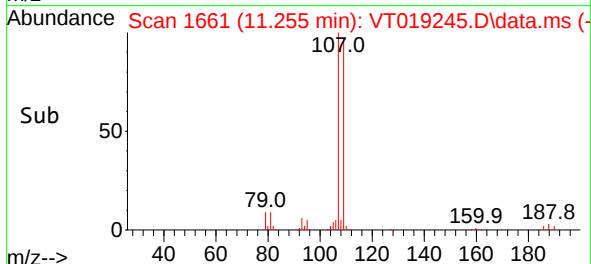
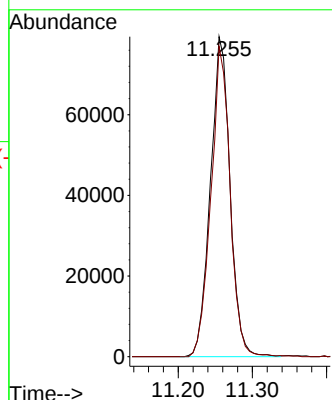
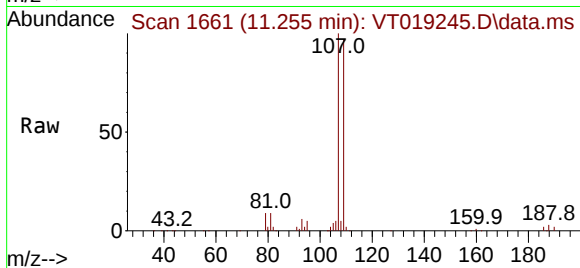
VSTDIC100

Tgt Ion:107 Resp: 145527

Ion Ratio Lower Upper

107 100

109 94.9 74.2 111.2



#62

4-Bromofluorobenzene

Concen: 97.867 ug/l

RT: 12.847 min Scan# 1932

Delta R.T. -0.000 min

Lab File: VT019245.D

Acq: 8 Dec 2025 12:46

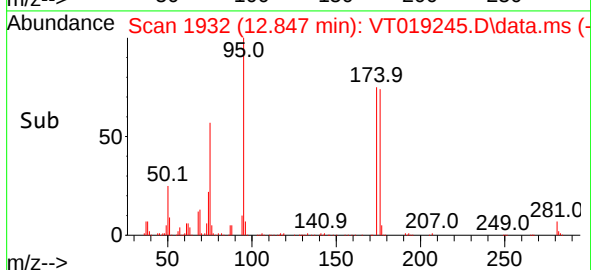
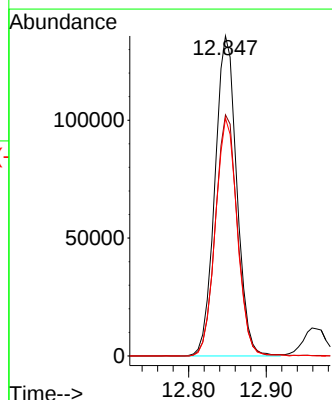
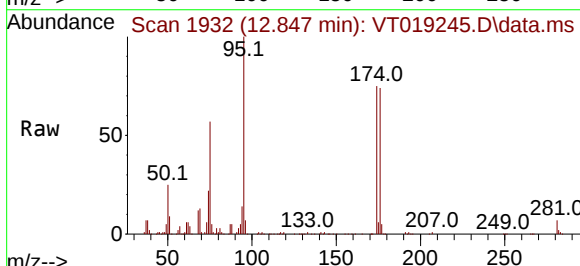
Tgt Ion: 95 Resp: 265912

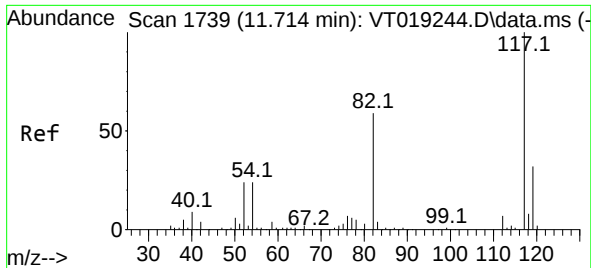
Ion Ratio Lower Upper

95 100

174 75.7 0.0 154.4

176 74.3 0.0 149.2

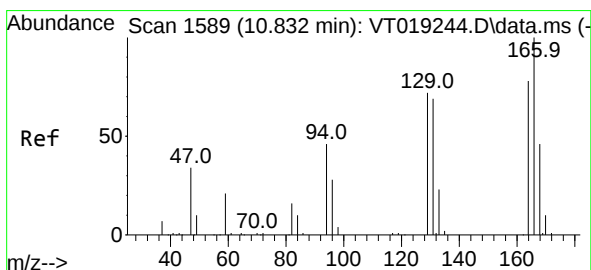
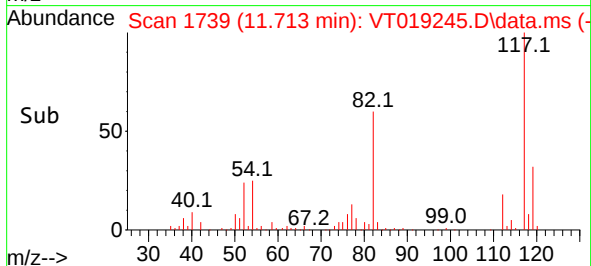
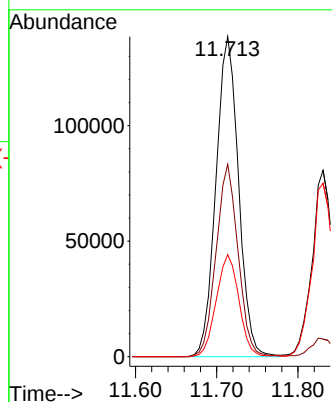
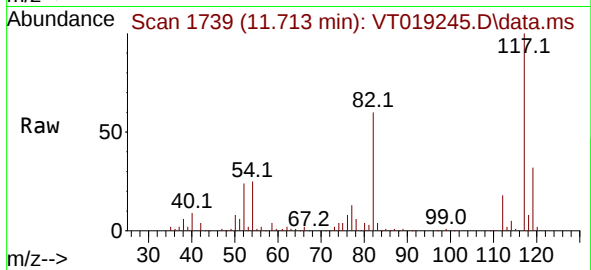




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.713 min Scan# 117
Delta R.T. -0.000 min
Lab File: VT019245.D
Acq: 8 Dec 2025 12:46

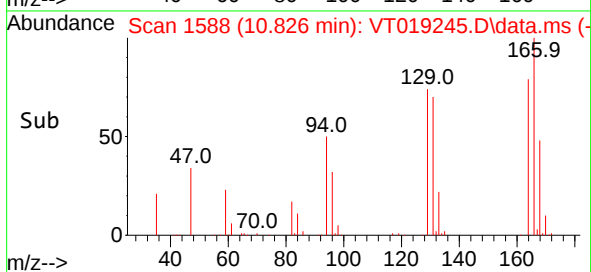
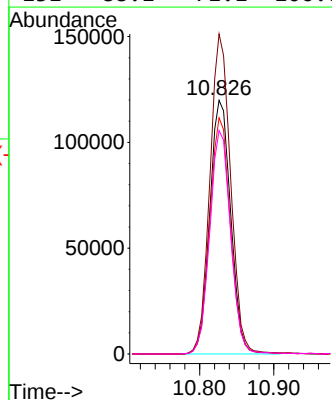
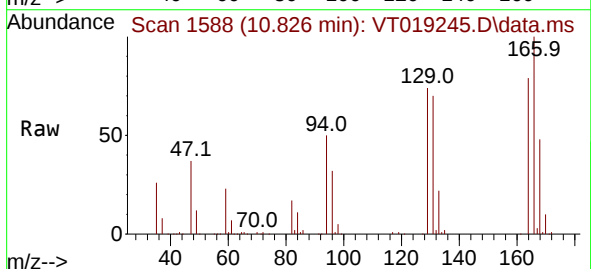
Instrument :
MSVOA_T
ClientSampleId :
VSTDIC100

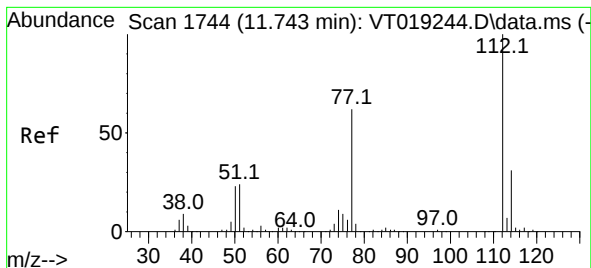
Tgt Ion:117 Resp: 268062
Ion Ratio Lower Upper
117 100
82 60.1 47.1 70.7
119 31.9 25.4 38.2



#64
Tetrachloroethene
Concen: 117.459 ug/l
RT: 10.826 min Scan# 1588
Delta R.T. -0.006 min
Lab File: VT019245.D
Acq: 8 Dec 2025 12:46

Tgt Ion:164 Resp: 235838
Ion Ratio Lower Upper
164 100
166 126.2 102.7 154.1
129 93.1 74.0 111.0
131 88.1 71.1 106.7

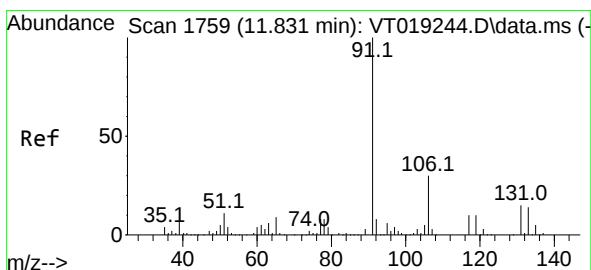
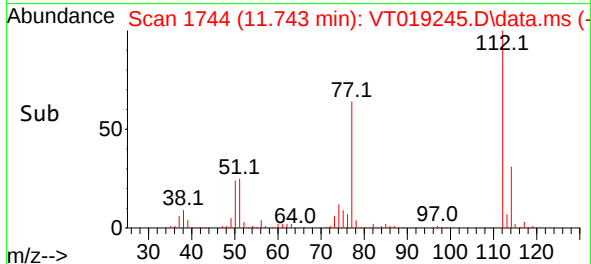
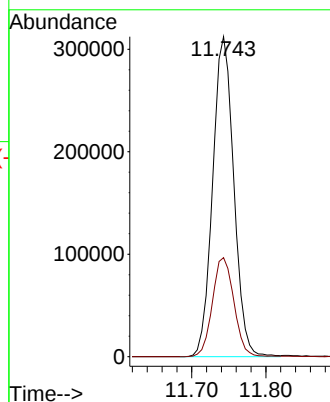
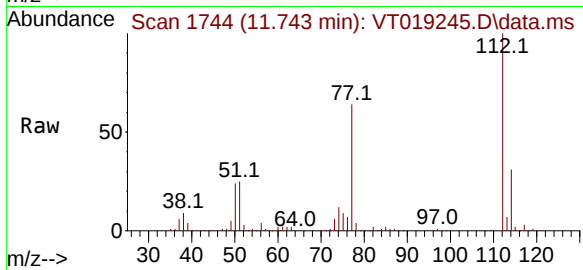




#65
Chlorobenzene
Concen: 100.678 ug/l
RT: 11.743 min Scan# 1744
Delta R.T. -0.000 min
Lab File: VT019245.D
Acq: 8 Dec 2025 12:46

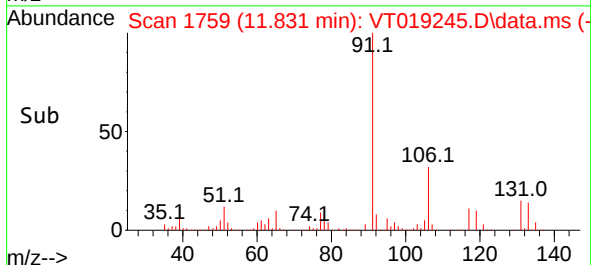
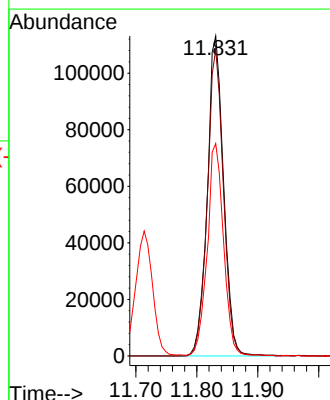
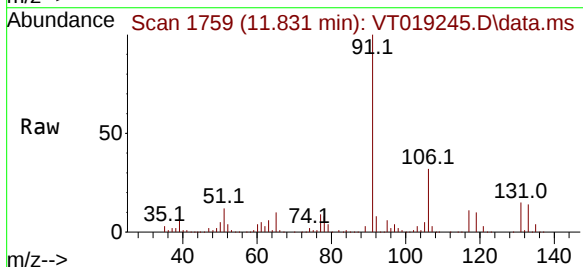
Instrument :
MSVOA_T
ClientSampleId :
VSTDIC100

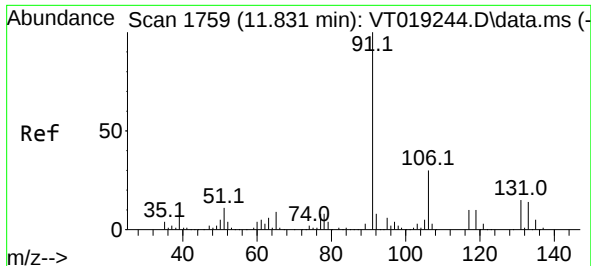
Tgt Ion:112 Resp: 617663
Ion Ratio Lower Upper
112 100
114 30.9 24.9 37.3



#66
1,1,1,2-Tetrachloroethane
Concen: 120.056 ug/l
RT: 11.831 min Scan# 1759
Delta R.T. -0.000 min
Lab File: VT019245.D
Acq: 8 Dec 2025 12:46

Tgt Ion:131 Resp: 210894
Ion Ratio Lower Upper
131 100
133 94.8 46.5 139.5
119 66.3 32.3 96.8





#67

Ethyl Benzene

Concen: 116.363 ug/l

RT: 11.831 min Scan# 1759

Delta R.T. -0.000 min

Lab File: VT019245.D

Acq: 8 Dec 2025 12:46

Instrument :

MSVOA_T

ClientSampleId :

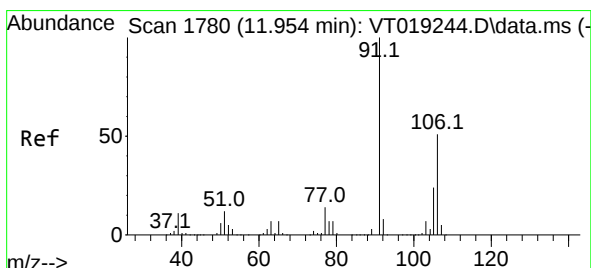
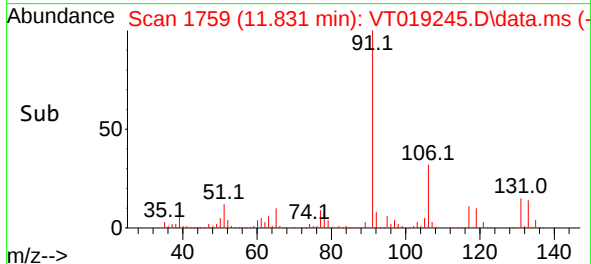
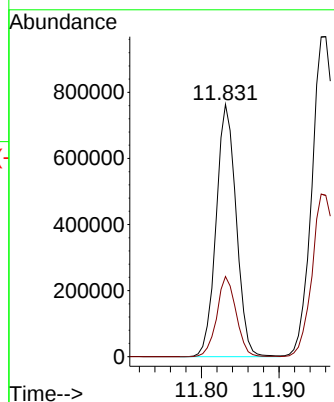
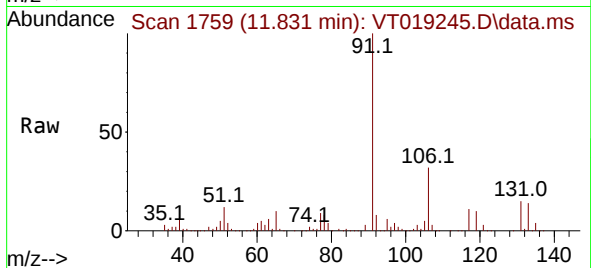
VSTDICC100

Tgt Ion: 91 Resp: 1374217

Ion Ratio Lower Upper

91 100

106 31.8 24.3 36.5



#68

m/p-Xylenes

Concen: 227.614 ug/l

RT: 11.954 min Scan# 1780

Delta R.T. -0.000 min

Lab File: VT019245.D

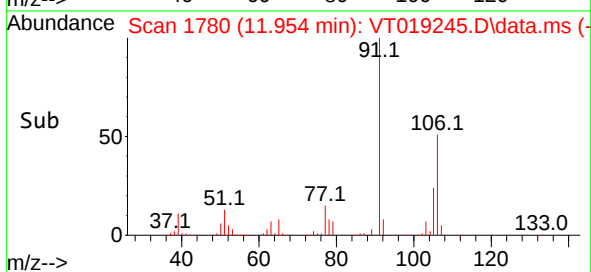
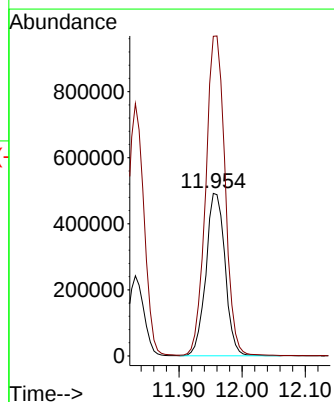
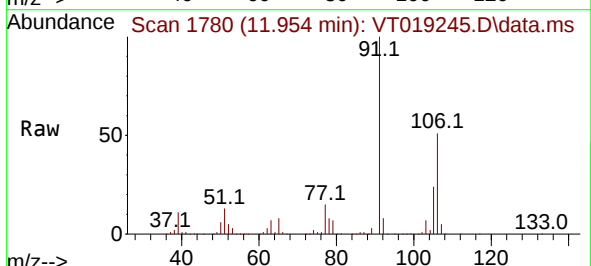
Acq: 8 Dec 2025 12:46

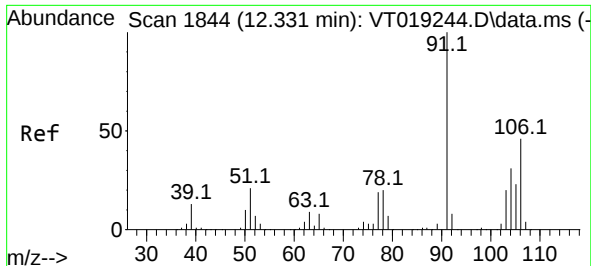
Tgt Ion:106 Resp: 1033624

Ion Ratio Lower Upper

106 100

91 199.1 159.3 238.9

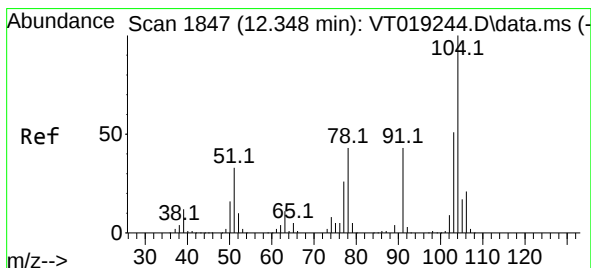
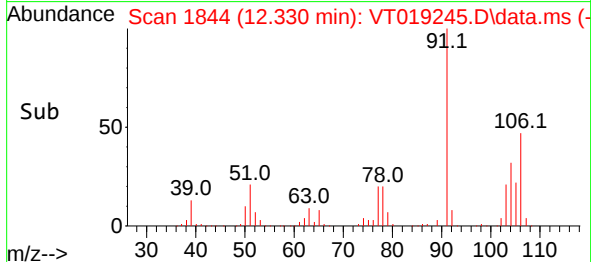
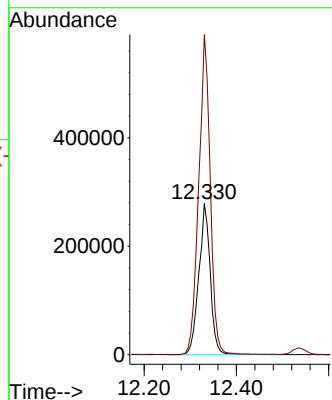
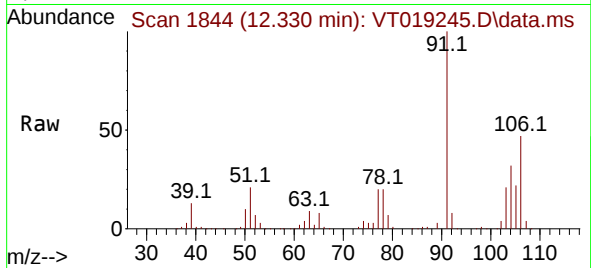




#69
o-Xylene
Concen: 111.623 ug/l
RT: 12.330 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VT019245.D
Acq: 8 Dec 2025 12:46

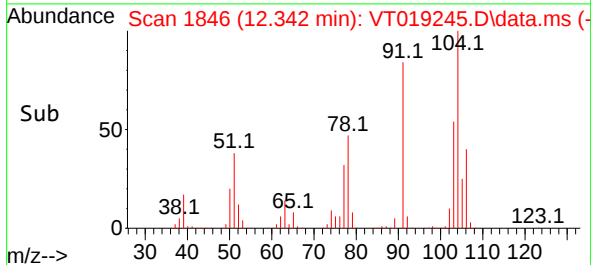
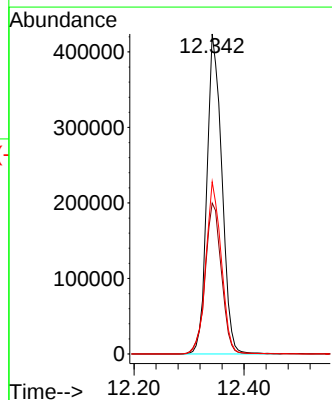
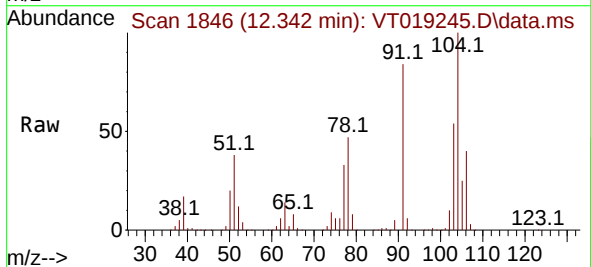
Instrument :
MSVOA_T
ClientSampleId :
VSTDIC100

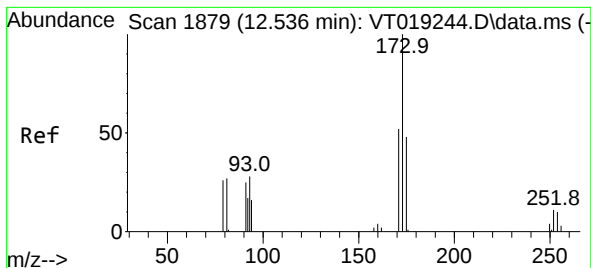
Tgt Ion:106 Resp: 479846
Ion Ratio Lower Upper
106 100
91 214.0 105.6 316.7



#70
Styrene
Concen: 111.348 ug/l
RT: 12.342 min Scan# 1846
Delta R.T. -0.006 min
Lab File: VT019245.D
Acq: 8 Dec 2025 12:46

Tgt Ion:104 Resp: 800171
Ion Ratio Lower Upper
104 100
78 50.9 39.1 58.7
103 55.7 44.4 66.6





#71

Bromoform

Concen: 109.227 ug/l

RT: 12.536 min Scan# 11

Delta R.T. -0.000 min

Lab File: VT019245.D

Acq: 8 Dec 2025 12:46

Instrument :

MSVOA_T

ClientSampleId :

VSTDIC100

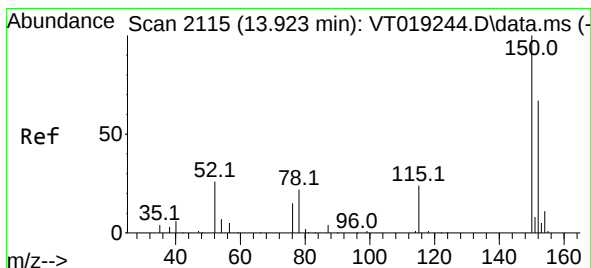
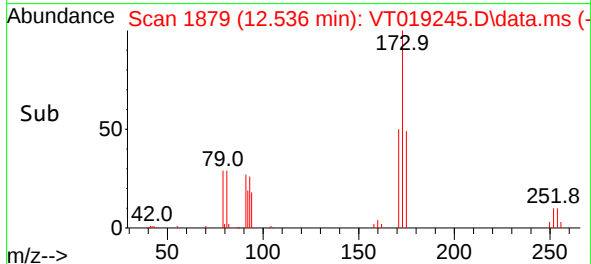
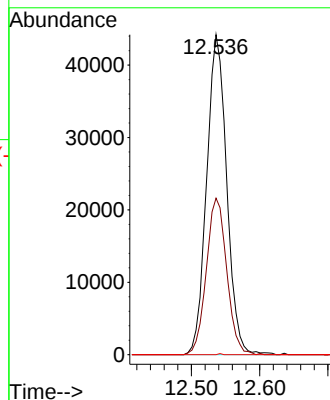
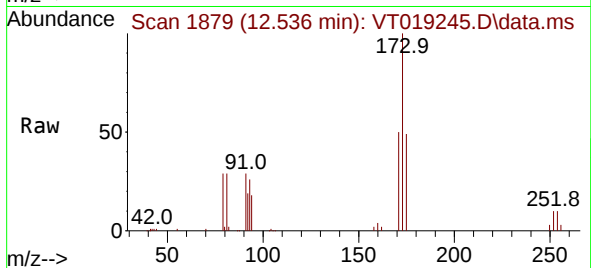
Tgt Ion:173 Resp: 90447

Ion Ratio Lower Upper

173 100

175 49.7 24.1 72.3

254 0.1 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.923 min Scan# 2115

Delta R.T. -0.000 min

Lab File: VT019245.D

Acq: 8 Dec 2025 12:46

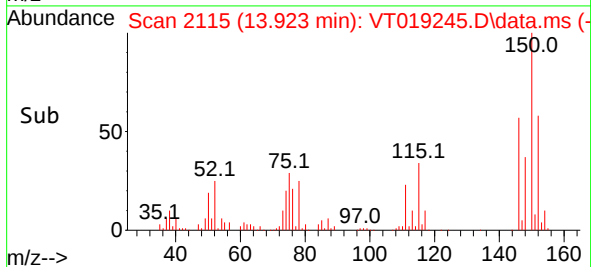
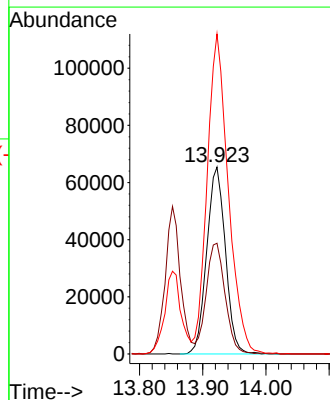
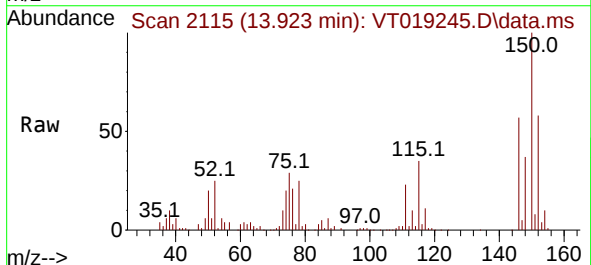
Tgt Ion:152 Resp: 134468

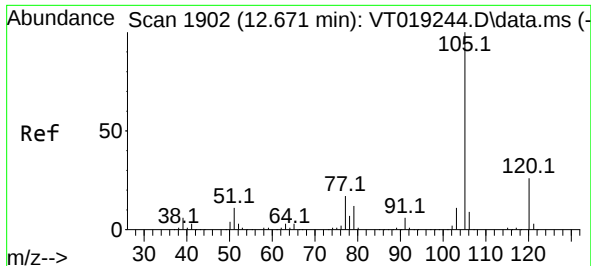
Ion Ratio Lower Upper

152 100

115 59.8 29.6 88.9

150 193.5 0.0 347.6

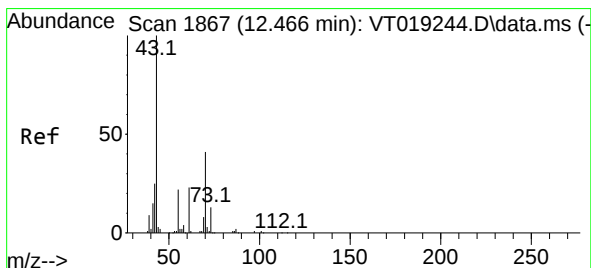
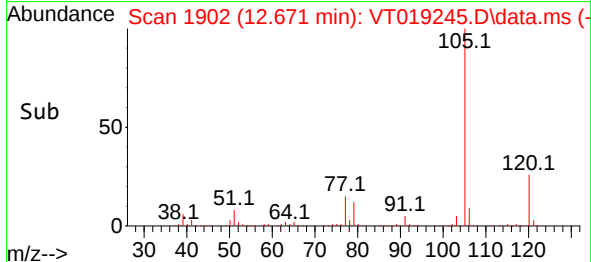
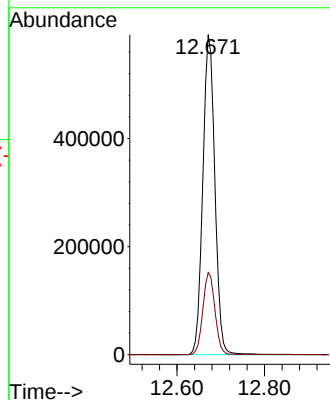
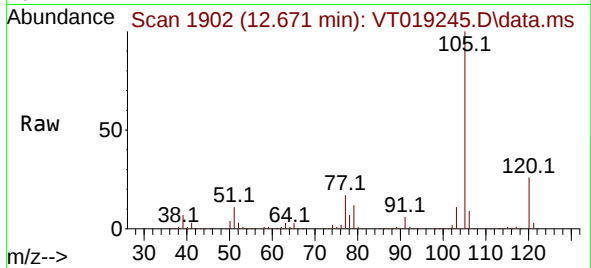




#73
Isopropylbenzene
Concen: 95.796 ug/l
RT: 12.671 min Scan# 1902
Delta R.T. -0.000 min
Lab File: VT019245.D
Acq: 8 Dec 2025 12:46

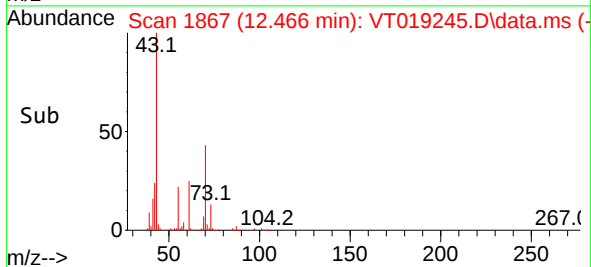
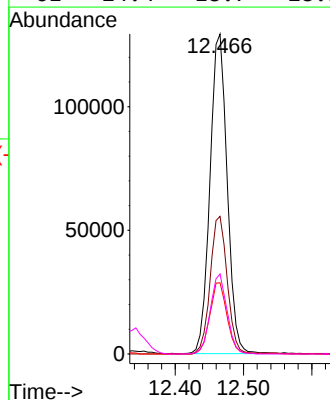
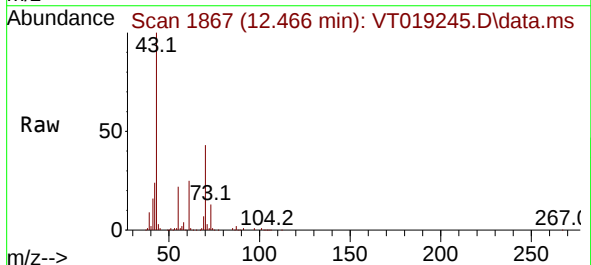
Instrument :
MSVOA_T
ClientSampleId :
VSTDIC100

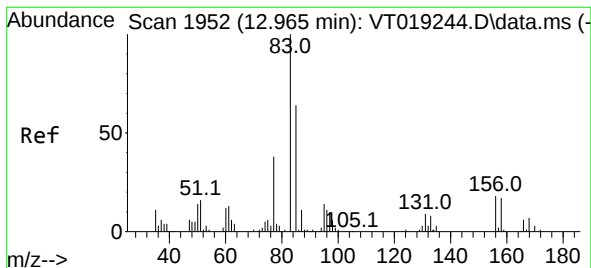
Tgt Ion:105 Resp: 1136347
Ion Ratio Lower Upper
105 100
120 25.6 13.3 39.8



#74
N-ethyl acetate
Concen: 103.707 ug/l
RT: 12.466 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VT019245.D
Acq: 8 Dec 2025 12:46

Tgt Ion: 43 Resp: 226743
Ion Ratio Lower Upper
43 100
70 42.7 33.3 49.9
55 22.4 18.5 27.7
61 24.4 18.7 28.1

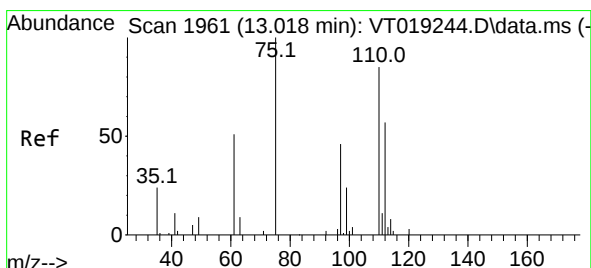
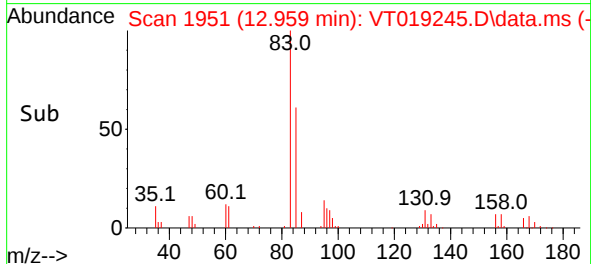
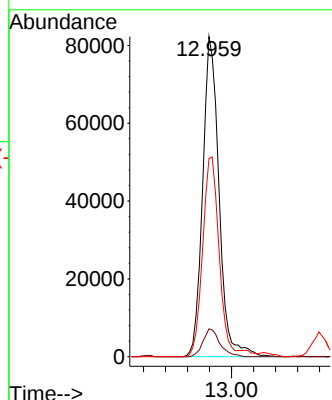
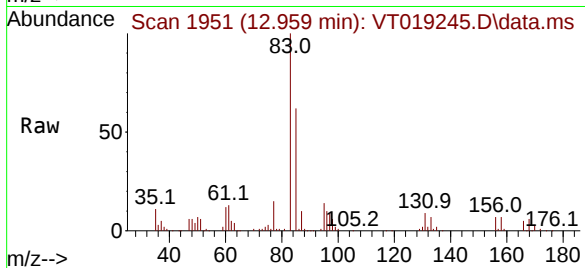




#75
1,1,2,2-Tetrachloroethane
Concen: 92.657 ug/l
RT: 12.959 min Scan# 1951
Delta R.T. -0.006 min
Lab File: VT019245.D
Acq: 8 Dec 2025 12:46

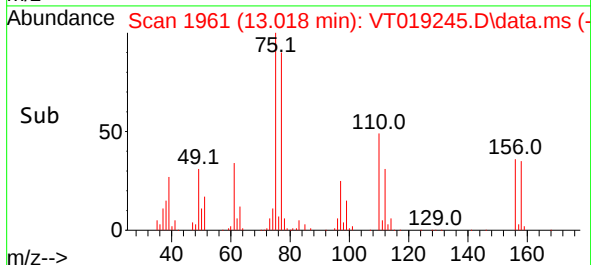
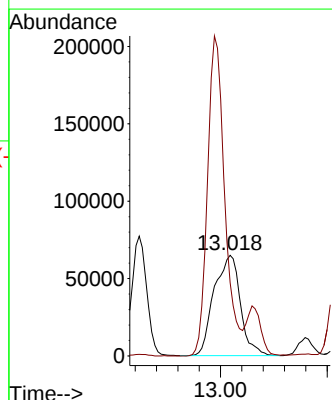
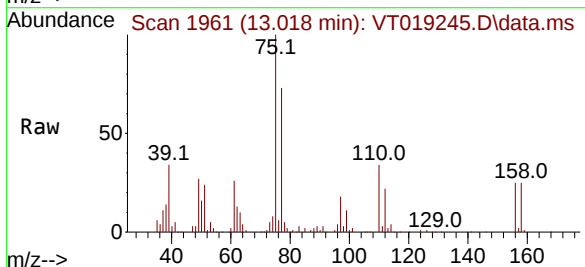
Instrument :
MSVOA_T
ClientSampleId :
VSTDIC100

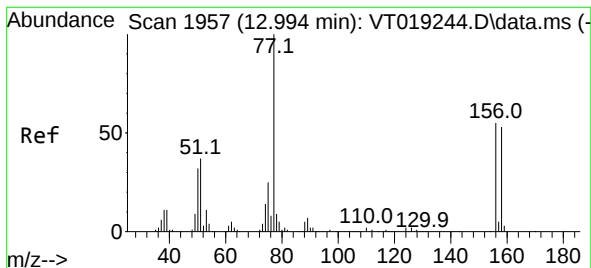
Tgt Ion: 83 Resp: 169873
Ion Ratio Lower Upper
83 100
131 9.0 4.7 14.0
85 62.3 33.0 98.9



#76
1,2,3-Trichloropropane
Concen: 154.462 ug/l
RT: 13.018 min Scan# 1961
Delta R.T. -0.000 min
Lab File: VT019245.D
Acq: 8 Dec 2025 12:46

Tgt Ion: 75 Resp: 222074
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 89.859 ug/l

RT: 12.988 min Scan# 1956

Delta R.T. -0.006 min

Lab File: VT019245.D

Acq: 8 Dec 2025 12:46

Instrument :

MSVOA_T

ClientSampleId :

VSTDIC100

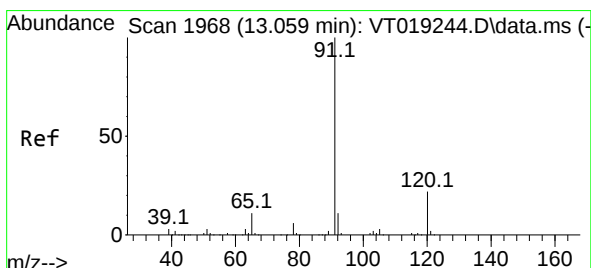
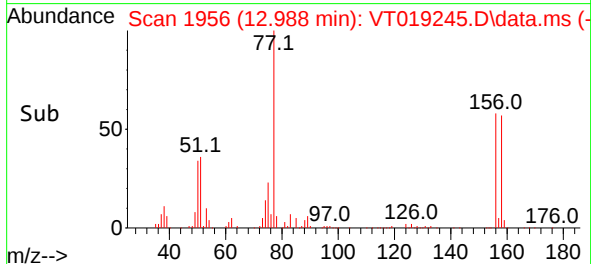
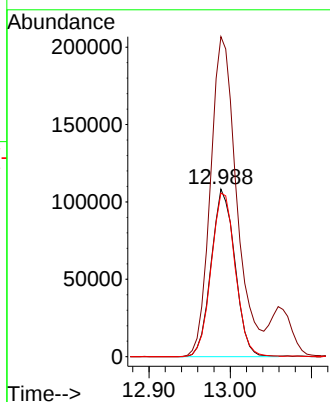
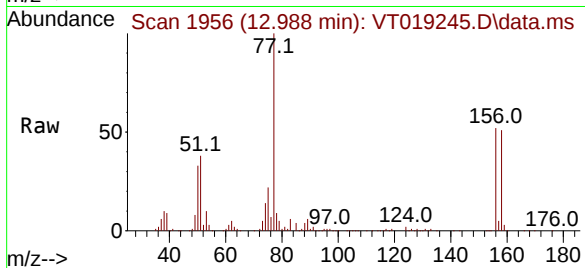
Tgt Ion:156 Resp: 219832

Ion Ratio Lower Upper

156 100

77 211.5 102.4 307.1

158 99.3 48.6 145.8



#78

n-propylbenzene

Concen: 98.795 ug/l

RT: 13.065 min Scan# 1969

Delta R.T. 0.006 min

Lab File: VT019245.D

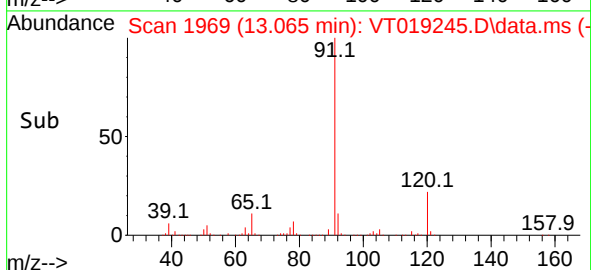
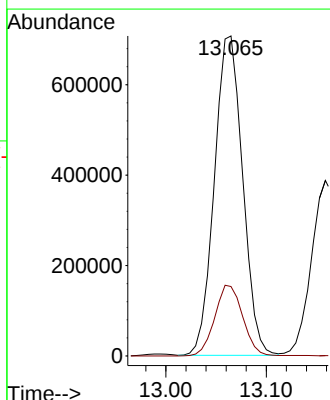
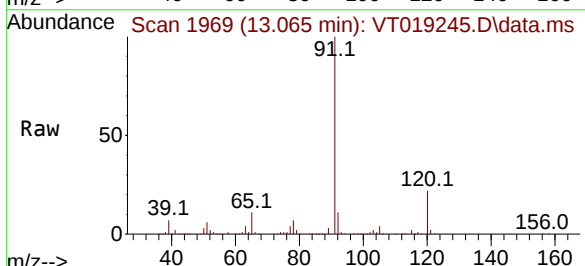
Acq: 8 Dec 2025 12:46

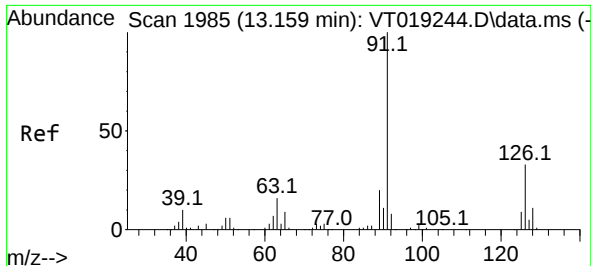
Tgt Ion: 91 Resp: 1381040

Ion Ratio Lower Upper

91 100

120 22.0 11.0 33.0

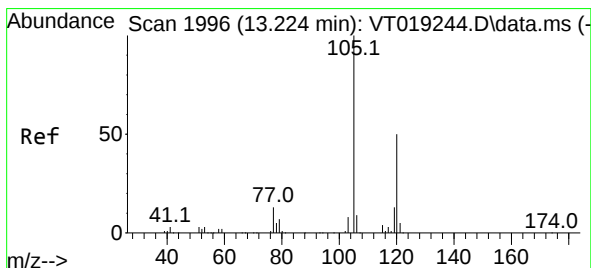
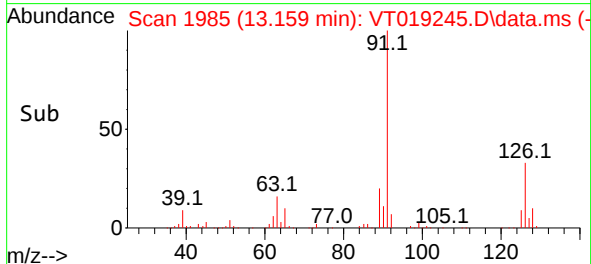
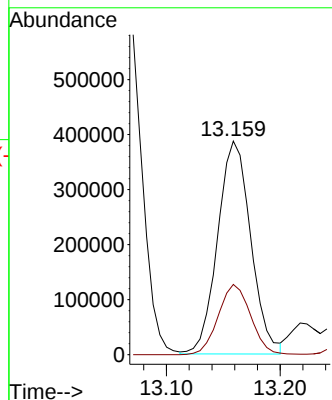
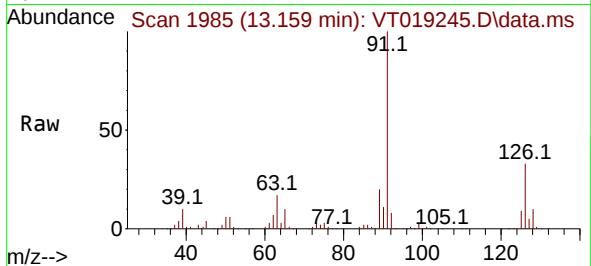




#79
2-Chlorotoluene
Concen: 99.795 ug/l
RT: 13.159 min Scan# 1985
Delta R.T. -0.000 min
Lab File: VT019245.D
Acq: 8 Dec 2025 12:46

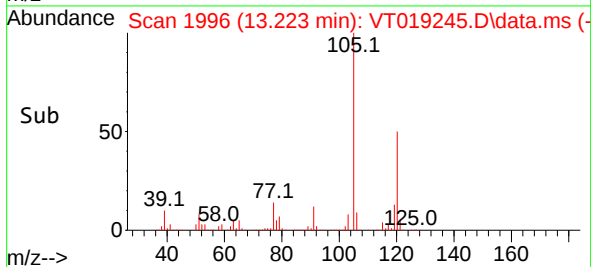
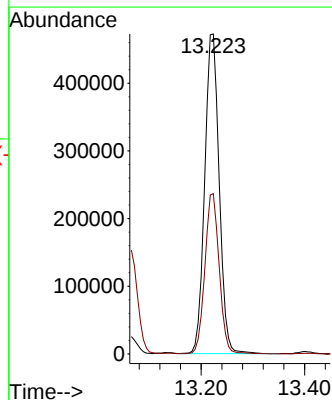
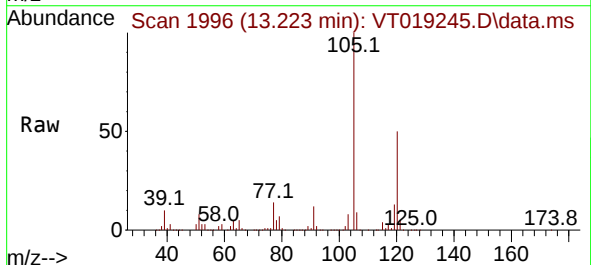
Instrument :
MSVOA_T
ClientSampleId :
VSTDICC100

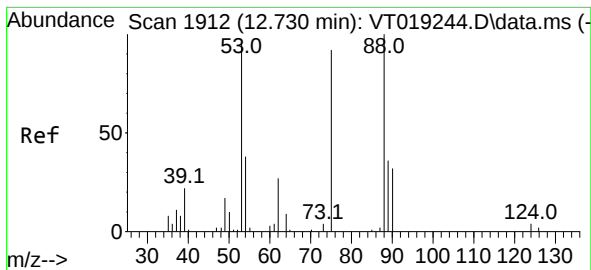
Tgt Ion: 91 Resp: 784476
Ion Ratio Lower Upper
91 100
126 32.3 16.4 49.1



#80
1,3,5-Trimethylbenzene
Concen: 100.108 ug/l
RT: 13.223 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VT019245.D
Acq: 8 Dec 2025 12:46

Tgt Ion:105 Resp: 917445
Ion Ratio Lower Upper
105 100
120 49.6 25.1 75.2

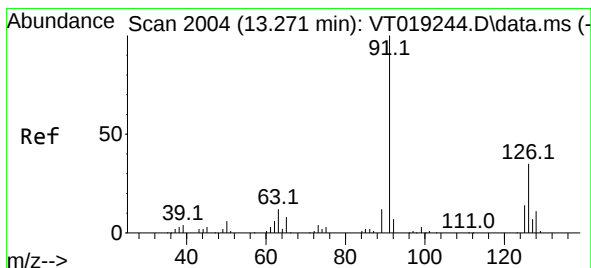
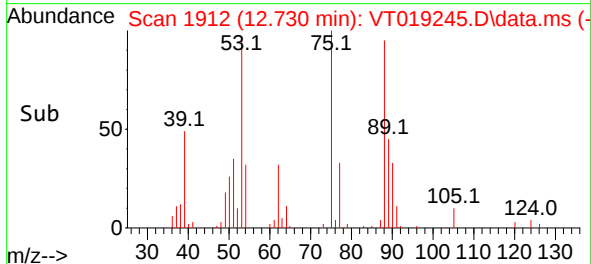
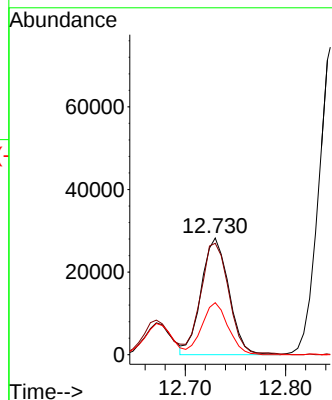
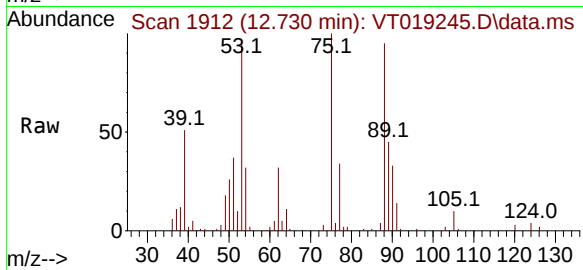




#81
trans-1,4-Dichloro-2-butene
Concen: 98.252 ug/l
RT: 12.730 min Scan# 1912
Delta R.T. -0.000 min
Lab File: VT019245.D
Acq: 8 Dec 2025 12:46

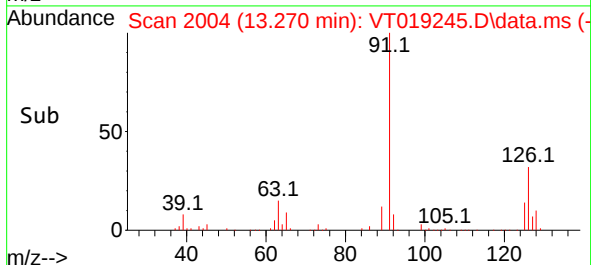
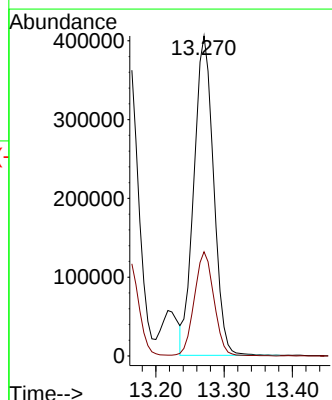
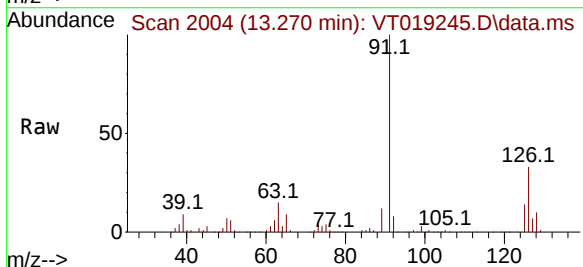
Instrument :
MSVOA_T
ClientSampleId :
VSTDIC100

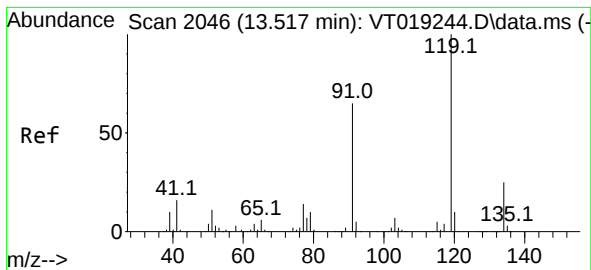
Tgt Ion: 75 Resp: 54192
Ion Ratio Lower Upper
75 100
53 96.1 83.3 124.9
89 42.0 35.0 52.6



#82
4-Chlorotoluene
Concen: 98.265 ug/l
RT: 13.270 min Scan# 2004
Delta R.T. -0.000 min
Lab File: VT019245.D
Acq: 8 Dec 2025 12:46

Tgt Ion: 91 Resp: 808882
Ion Ratio Lower Upper
91 100
126 32.7 16.4 49.2





#83

tert-Butylbenzene

Concen: 100.048 ug/l

RT: 13.517 min Scan# 2046

Delta R.T. -0.000 min

Lab File: VT019245.D

Acq: 8 Dec 2025 12:46

Instrument :

MSVOA_T

ClientSampleId :

VSTDIC100

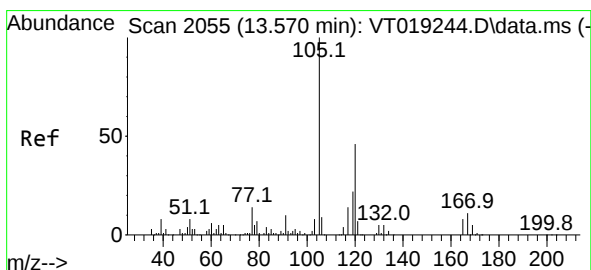
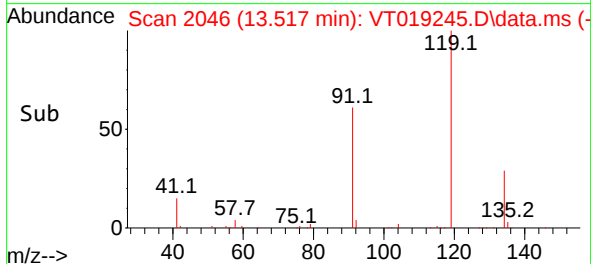
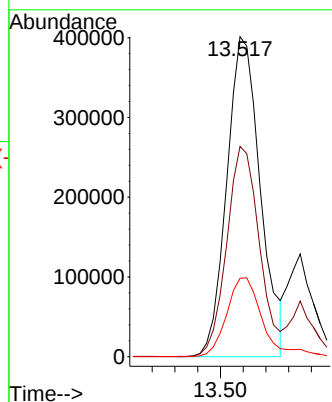
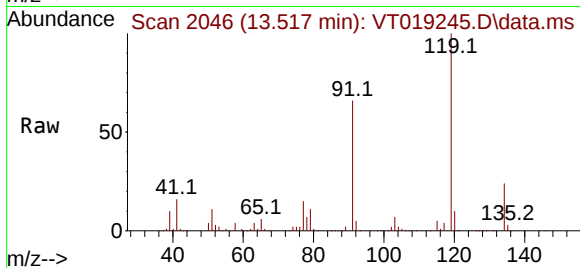
Tgt Ion:119 Resp: 823327

Ion Ratio Lower Upper

119 100

91 63.9 31.7 95.1

134 26.4 13.4 40.2



#84

1,2,4-Trimethylbenzene

Concen: 101.818 ug/l

RT: 13.570 min Scan# 2055

Delta R.T. -0.000 min

Lab File: VT019245.D

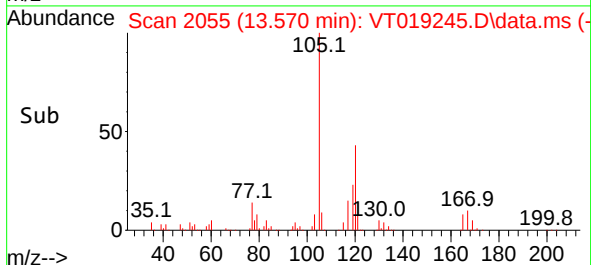
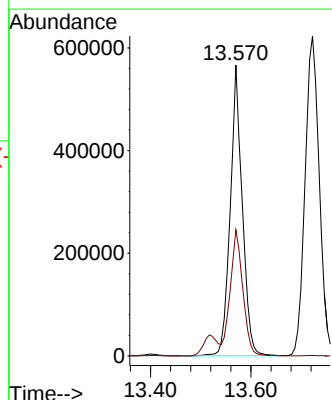
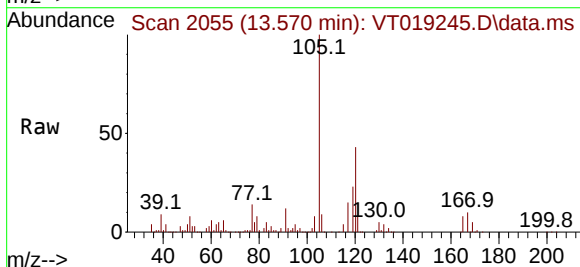
Acq: 8 Dec 2025 12:46

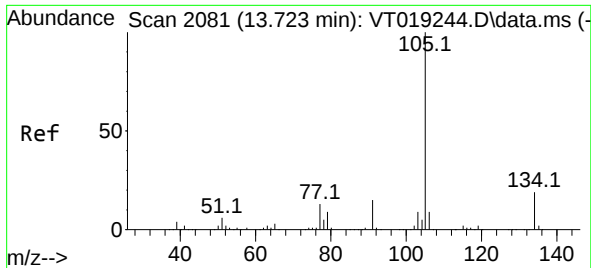
Tgt Ion:105 Resp: 945213

Ion Ratio Lower Upper

105 100

120 45.3 23.4 70.0

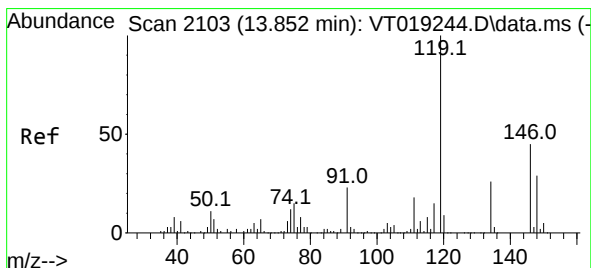
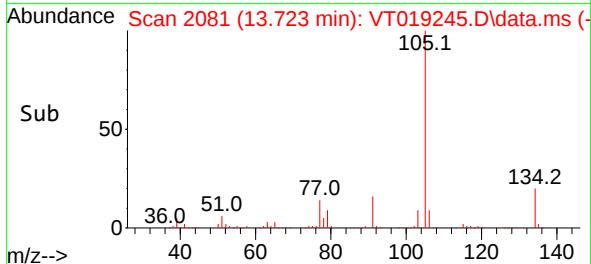
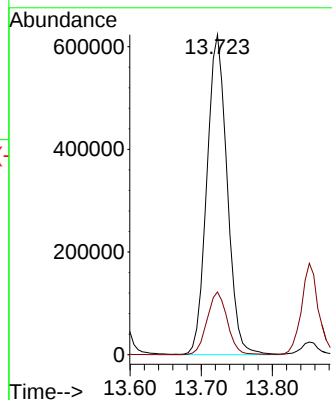
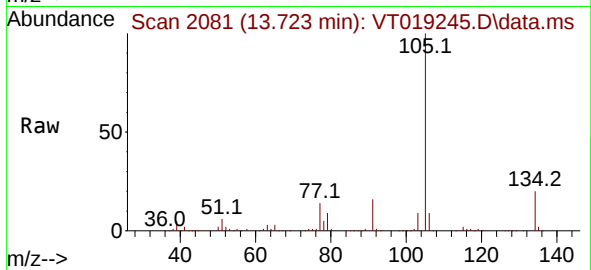




#85
 sec-Butylbenzene
 Concen: 99.799 ug/l
 RT: 13.723 min Scan# 2081
 Delta R.T. -0.000 min
 Lab File: VT019245.D
 Acq: 8 Dec 2025 12:46

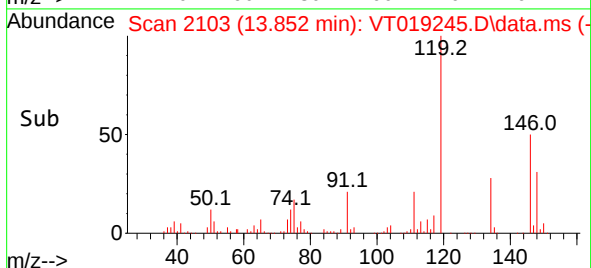
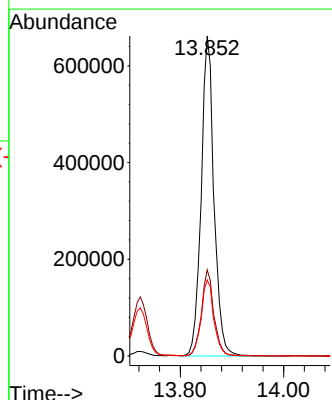
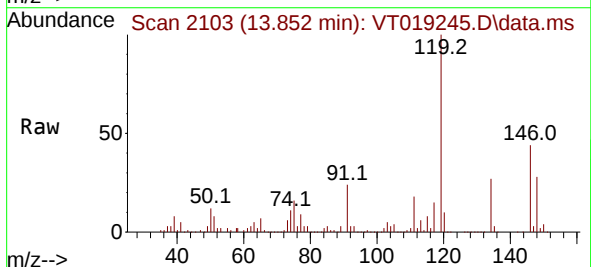
Instrument :
 MSVOA_T
 ClientSampleId :
 VSTDIC100

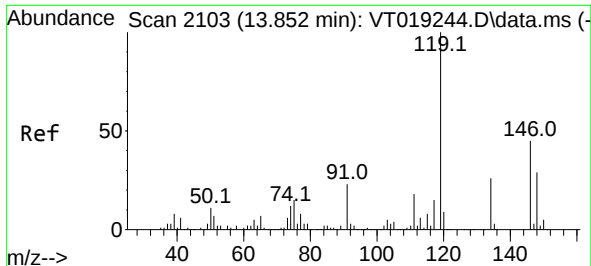
Tgt Ion:105 Resp: 1235762
 Ion Ratio Lower Upper
 105 100
 134 19.6 9.6 28.8



#86
 p-Isopropyltoluene
 Concen: 108.568 ug/l
 RT: 13.852 min Scan# 2103
 Delta R.T. -0.000 min
 Lab File: VT019245.D
 Acq: 8 Dec 2025 12:46

Tgt Ion:119 Resp: 1133525
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.1 39.1
 91 23.6 11.6 34.7





#87

1,3-Dichlorobenzene

Concen: 104.336 ug/l

RT: 13.852 min Scan# 2103

Delta R.T. -0.000 min

Lab File: VT019245.D

Acq: 8 Dec 2025 12:46

Instrument :

MSVOA_T

ClientSampleId :

VSTDIC100

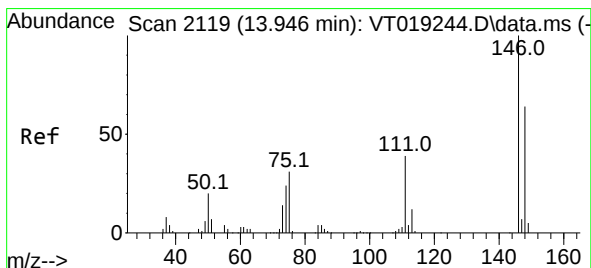
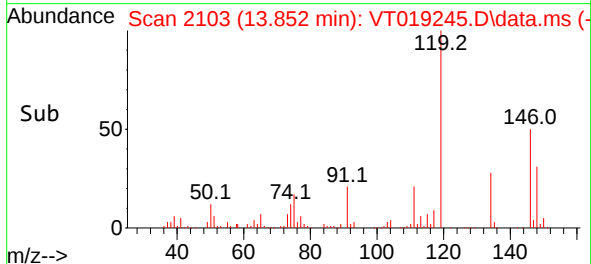
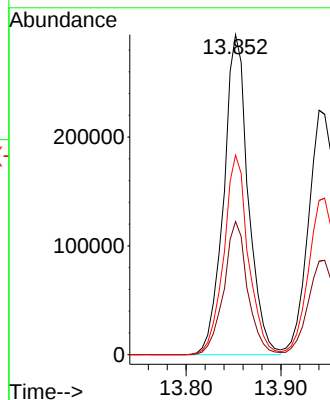
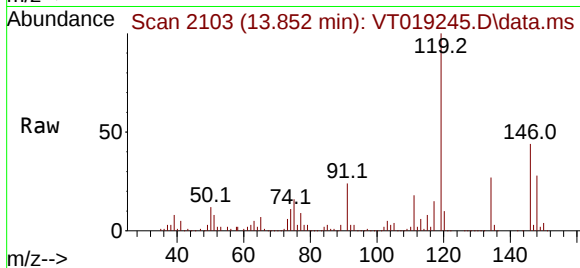
Tgt Ion:146 Resp: 529779

Ion Ratio Lower Upper

146 100

111 40.4 19.5 58.5

148 62.4 31.6 94.7



#88

1,4-Dichlorobenzene

Concen: 97.863 ug/l

RT: 13.940 min Scan# 2118

Delta R.T. -0.006 min

Lab File: VT019245.D

Acq: 8 Dec 2025 12:46

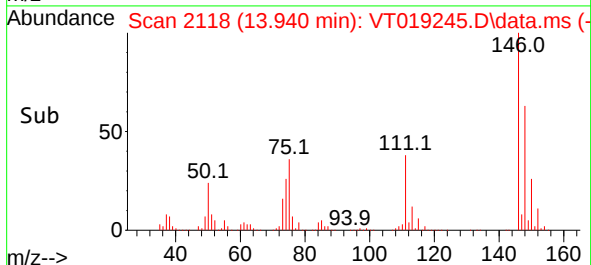
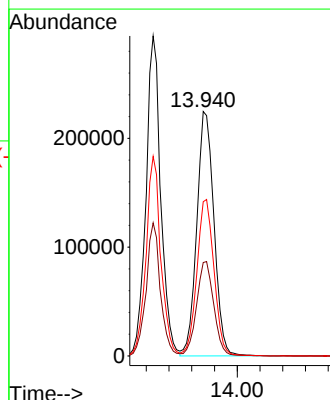
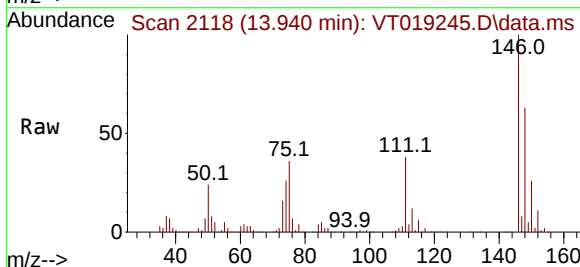
Tgt Ion:146 Resp: 472119

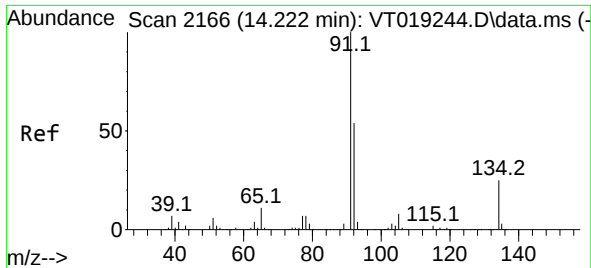
Ion Ratio Lower Upper

146 100

111 38.8 19.4 58.2

148 64.1 32.1 96.3

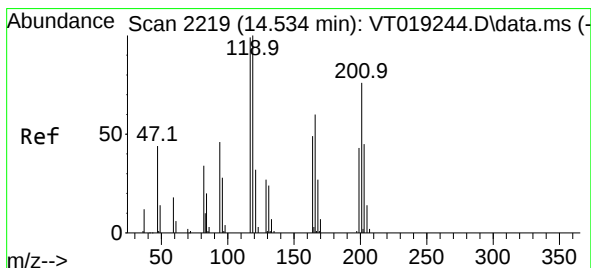
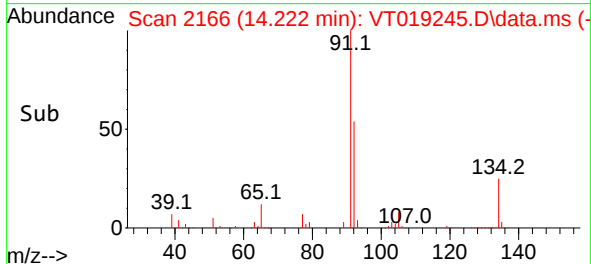
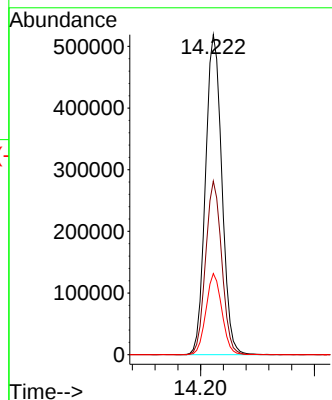
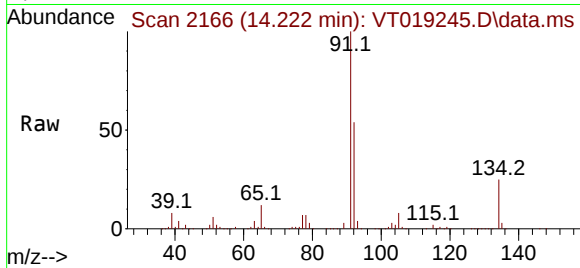




#89
n-Butylbenzene
Concen: 105.129 ug/l
RT: 14.222 min Scan# 2166
Delta R.T. -0.000 min
Lab File: VT019245.D
Acq: 8 Dec 2025 12:46

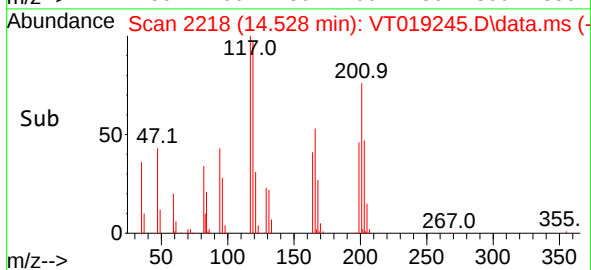
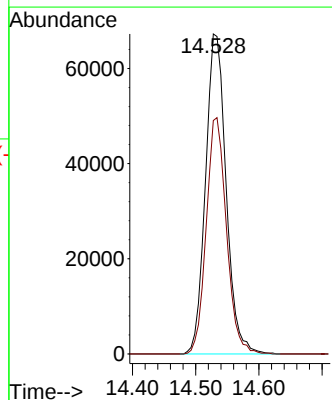
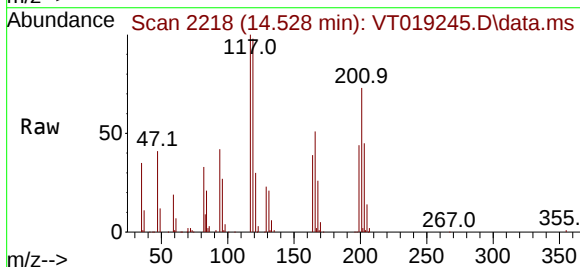
Instrument :
MSVOA_T
ClientSampleId :
VSTDIC100

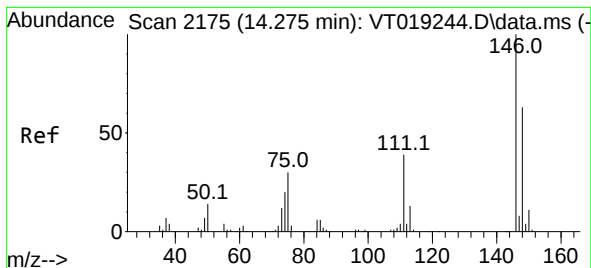
Tgt Ion: 91 Resp: 1034874
Ion Ratio Lower Upper
91 100
92 53.3 26.4 79.2
134 24.6 12.3 36.8



#90
Hexachloroethane
Concen: 118.032 ug/l
RT: 14.528 min Scan# 2218
Delta R.T. -0.006 min
Lab File: VT019245.D
Acq: 8 Dec 2025 12:46

Tgt Ion: 117 Resp: 152251
Ion Ratio Lower Upper
117 100
201 72.4 36.8 110.4





#91

1,2-Dichlorobenzene

Concen: 96.718 ug/l

RT: 14.275 min Scan# 2175

Delta R.T. -0.000 min

Lab File: VT019245.D

Acq: 8 Dec 2025 12:46

Instrument :

MSVOA_T

ClientSampleId :

VSTDIC100

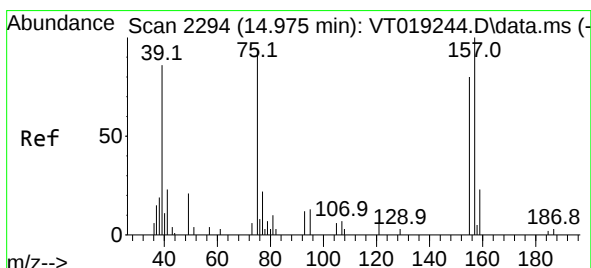
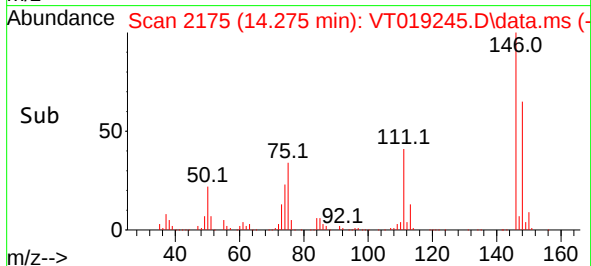
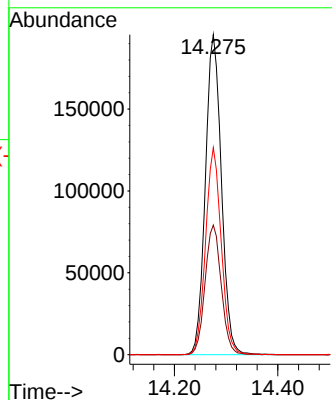
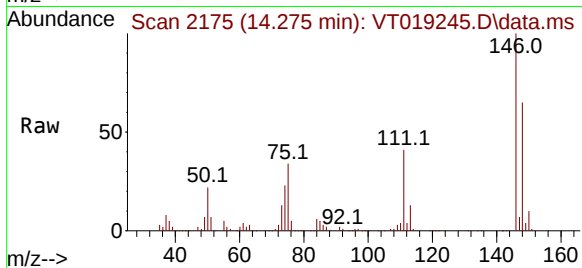
Tgt Ion:146 Resp: 420319

Ion Ratio Lower Upper

146 100

111 40.8 20.2 60.5

148 63.4 31.8 95.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 105.303 ug/l

RT: 14.974 min Scan# 2294

Delta R.T. -0.000 min

Lab File: VT019245.D

Acq: 8 Dec 2025 12:46

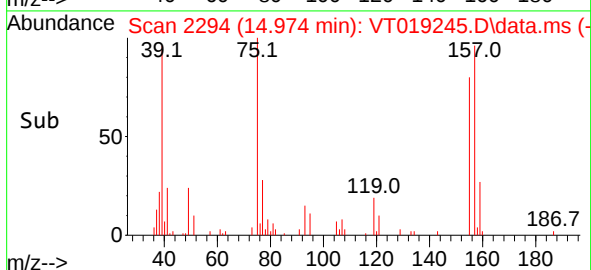
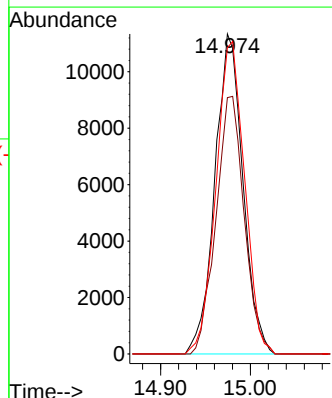
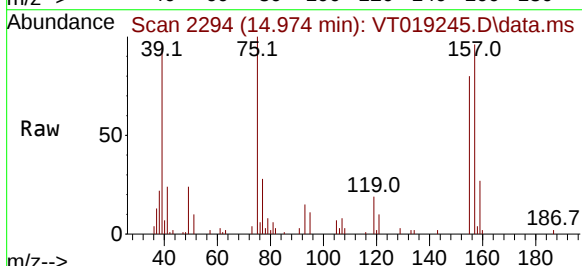
Tgt Ion: 75 Resp: 24529

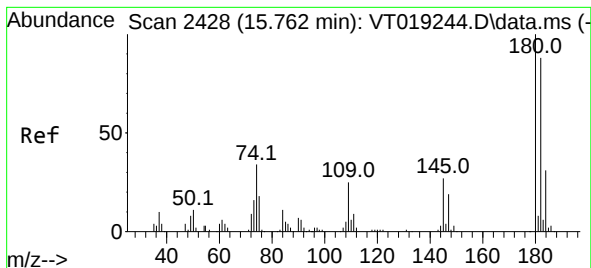
Ion Ratio Lower Upper

75 100

155 81.2 42.0 126.1

157 99.7 55.1 165.3





#93

1,2,4-Trichlorobenzene

Concen: 96.792 ug/l

RT: 15.762 min Scan# 2428

Delta R.T. -0.000 min

Lab File: VT019245.D

Acq: 8 Dec 2025 12:46

Instrument :

MSVOA_T

ClientSampleId :

VSTDICC100

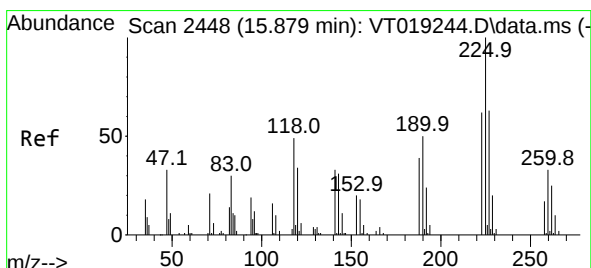
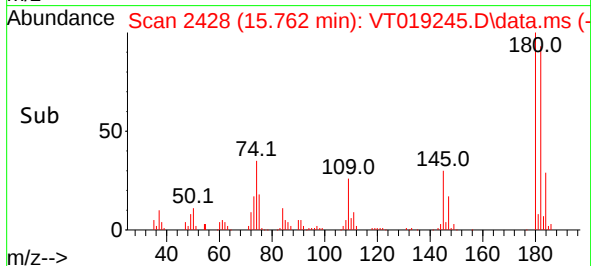
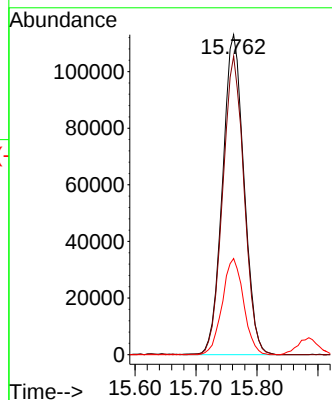
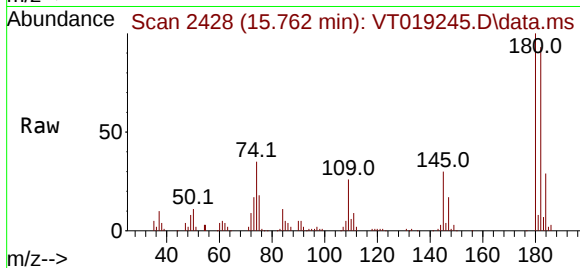
Tgt Ion:180 Resp: 276204

Ion Ratio Lower Upper

180 100

182 92.9 46.6 139.8

145 29.8 14.7 44.1



#94

Hexachlorobutadiene

Concen: 96.370 ug/l

RT: 15.885 min Scan# 2449

Delta R.T. 0.006 min

Lab File: VT019245.D

Acq: 8 Dec 2025 12:46

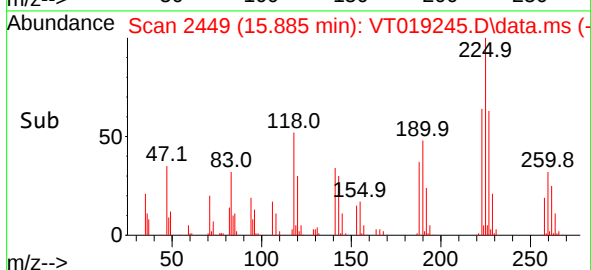
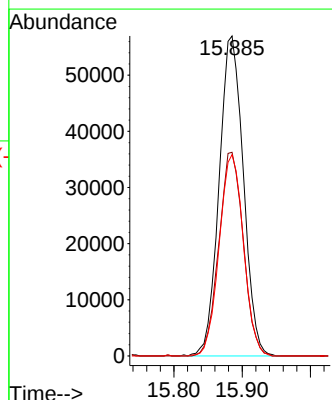
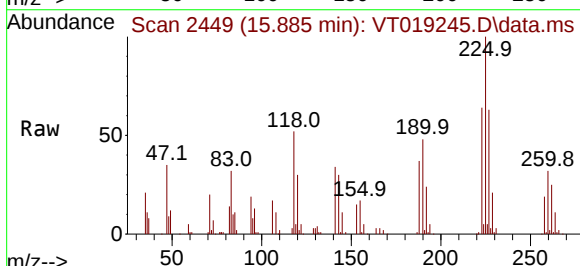
Tgt Ion:225 Resp: 140858

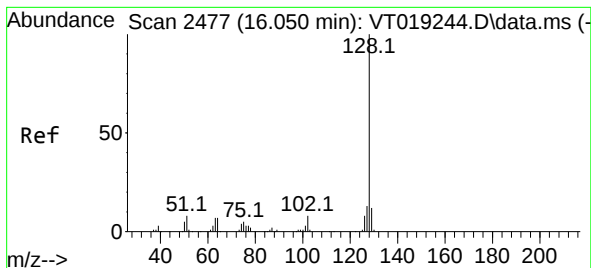
Ion Ratio Lower Upper

225 100

223 64.2 32.1 96.5

227 62.8 31.6 95.0





#95

Naphthalene

Concen: 95.649 ug/l

RT: 16.050 min Scan# 2477

Delta R.T. -0.000 min

Lab File: VT019245.D

Acq: 8 Dec 2025 12:46

Instrument :

MSVOA_T

ClientSampleId :

VSTDIC100

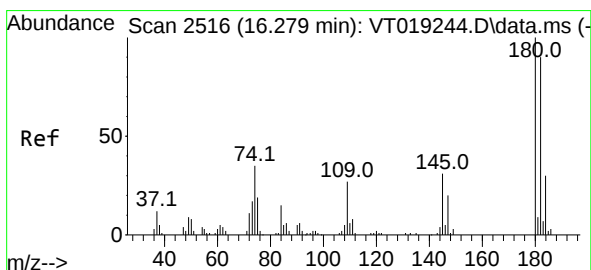
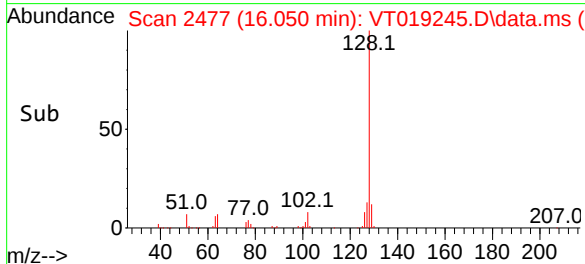
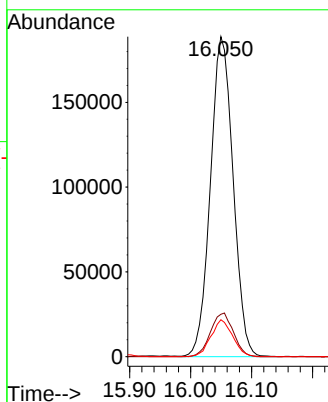
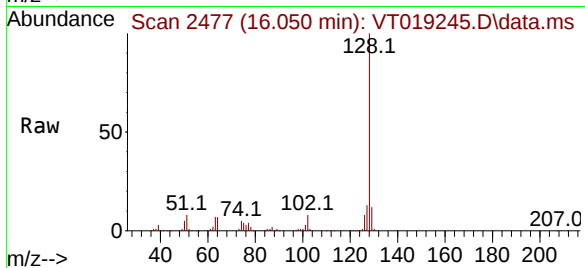
Tgt Ion:128 Resp: 488681

Ion Ratio Lower Upper

128 100

127 13.8 11.0 16.4

129 11.1 8.9 13.3



#96

1,2,3-Trichlorobenzene

Concen: 93.938 ug/l

RT: 16.285 min Scan# 2517

Delta R.T. 0.006 min

Lab File: VT019245.D

Acq: 8 Dec 2025 12:46

Tgt Ion:180 Resp: 229221

Ion Ratio Lower Upper

180 100

182 94.3 47.9 143.8

145 31.6 15.7 47.1

