

Data Path : Z:\voasrv\HPCHEM1\MSVOA_T\Data\VT120825\
 Data File : VT019244.D
 Acq On : 8 Dec 2025 11:28
 Operator : SY/MD
 Sample : VSTDICCC050
 Misc : 5.00g/5.0mL/MSVOA_T/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_T
 ClientSampleId :
 VSTDICCC050

Quant Time: Dec 09 01:01:54 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	7.542	168	238959	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.535	114	408359	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.714	117	353520	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.923	152	145138	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.930	65	151056	49.082	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	=	98.160%
35) Dibromofluoromethane	7.460	113	118714	49.369	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	=	98.740%
50) Toluene-d8	10.215	98	515853	48.836	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	=	97.680%
62) 4-Bromofluorobenzene	12.848	95	169607	54.752	ug/l	0.00
Spiked Amount	50.000	Range	52 - 138	Recovery	=	109.500%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.866	85	78509	32.957	ug/l	100
3) Chloromethane	2.060	50	56830	15.068	ug/l	99
4) Vinyl Chloride	2.183	62	172957	43.285	ug/l	100
5) Bromomethane	2.512	94	115603	38.949	ug/l	100
6) Chloroethane	2.659	64	131609	42.021	ug/l	100
7) Trichlorofluoromethane	2.959	101	258229	44.017	ug/l	100
8) Diethyl Ether	3.329	74	105320	46.710	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.652	101	154248	44.938	ug/l	100
10) Methyl Iodide	3.834	142	148407	49.129	ug/l	100
11) Tert butyl alcohol	4.639	59	81668	244.210	ug/l	100
12) 1,1-Dichloroethene	3.629	96	159161	45.228	ug/l	100
13) Acrolein	3.511	56	9336	92.368	ug/l	100
14) Allyl chloride	4.181	41	307235	45.100	ug/l	100
15) Acrylonitrile	4.804	53	249974	262.899	ug/l	100
16) Acetone	3.705	43	333449	250.103	ug/l	100
17) Carbon Disulfide	3.928	76	457542	44.472	ug/l	100
18) Methyl Acetate	4.187	43	160387	60.785	ug/l	100
19) Methyl tert-butyl Ether	4.863	73	462365	50.433	ug/l	100
20) Methylene Chloride	4.393	84	190210	46.247	ug/l	100
21) trans-1,2-Dichloroethene	4.851	96	158776	47.115	ug/l	100
22) Diisopropyl ether	5.762	45	554580	47.537	ug/l	100
23) Vinyl Acetate	5.703	43	1239840	244.577	ug/l	100
24) 1,1-Dichloroethane	5.650	63	282076	46.440	ug/l	100
25) 2-Butanone	6.661	43	289658	213.691	ug/l	100
26) 2,2-Dichloropropane	6.643	77	207008	46.640	ug/l	100
27) cis-1,2-Dichloroethene	6.643	96	164231	46.652	ug/l	100
28) Bromochloromethane	7.037	49	134170	49.732	ug/l	100
29) Tetrahydrofuran	7.060	42	175182	259.919	ug/l	100
30) Chloroform	7.219	83	253451	46.390	ug/l	100
31) Cyclohexane	7.518	56	267637	43.383	ug/l	100
32) 1,1,1-Trichloroethane	7.436	97	204947	46.676	ug/l	100
36) 1,1-Dichloropropene	7.671	75	192923	45.630	ug/l	100
37) Ethyl Acetate	6.761	43	108746	50.210	ug/l	100
38) Carbon Tetrachloride	7.654	117	148954	48.284	ug/l	100
39) Methylcyclohexane	9.081	83	263313	46.573	ug/l	100
40) Benzene	7.941	78	613106	46.381	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.007	41	61499	51.766	ug/l	100
42) 1,2-Dichloroethane	8.030	62	166498	49.156	ug/l	100
43) Isopropyl Acetate	8.082	43	211352	52.171	ug/l	100
44) Trichloroethene	8.811	130	128287	46.152	ug/l	100
45) 1,2-Dichloropropane	9.128	63	146424	47.591	ug/l	100
46) Dibromomethane	9.222	93	69154	49.402	ug/l	100
47) Bromodichloromethane	9.440	83	184305	48.854	ug/l	100
48) Methyl methacrylate	9.222	41	102431	52.994	ug/l	100
49) 1,4-Dioxane	9.222	88	23742	948.712	ug/l	100
51) 4-Methyl-2-Pentanone	10.098	43	507531	254.114	ug/l	100
52) Toluene	10.292	92	377376	47.540	ug/l	100
53) t-1,3-Dichloropropene	10.544	75	179558	52.495	ug/l	100
54) cis-1,3-Dichloropropene	9.933	75	216411	50.010	ug/l	100
55) 1,1,2-Trichloroethane	10.750	97	100434	50.130	ug/l	100
56) Ethyl methacrylate	10.603	69	147555	54.644	ug/l	100
57) 1,3-Dichloropropane	10.915	76	181842	49.081	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.775	63	263174	60.121	ug/l	100
59) 2-Hexanone	10.967	43	361744	225.371	ug/l	100
60) Dibromochloromethane	11.138	129	108525	51.543	ug/l	100
61) 1,2-Dibromoethane	11.255	107	89023	52.780	ug/l	100
64) Tetrachloroethene	10.832	164	118842	44.881	ug/l	100
65) Chlorobenzene	11.743	112	372587	46.050	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.831	131	112277	48.465	ug/l	100
67) Ethyl Benzene	11.831	91	700207	44.958	ug/l	100
68) m/p-Xylenes	11.954	106	535119	89.353	ug/l	100
69) o-Xylene	12.331	106	258255	45.554	ug/l	100
70) Styrene	12.348	104	438117	46.229	ug/l	100
71) Bromoform	12.536	173	58037	53.145	ug/l #	100
73) Isopropylbenzene	12.671	105	662636	51.755	ug/l	100
74) N-amyl acetate	12.466	43	140522	59.547	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.965	83	113097	57.153	ug/l	100
76) 1,2,3-Trichloropropane	13.018	75	144435	93.075	ug/l #	100
77) Bromobenzene	12.994	156	138714	52.533	ug/l	100
78) n-propylbenzene	13.059	91	802453	53.185	ug/l	100
79) 2-Chlorotoluene	13.159	91	445520	52.509	ug/l	100
80) 1,3,5-Trimethylbenzene	13.224	105	494629	50.004	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.730	75	31887	54.546	ug/l	100
82) 4-Chlorotoluene	13.271	91	468236	52.701	ug/l	100
83) tert-Butylbenzene	13.517	119	399812	45.012	ug/l	100
84) 1,2,4-Trimethylbenzene	13.570	105	496395	49.541	ug/l	100
85) sec-Butylbenzene	13.723	105	605987	45.341	ug/l	100
86) p-Isopropyltoluene	13.852	119	538928	47.823	ug/l	100
87) 1,3-Dichlorobenzene	13.852	146	256531	46.808	ug/l	100
88) 1,4-Dichlorobenzene	13.946	146	233320	44.808	ug/l	100
89) n-Butylbenzene	14.222	91	486184	45.759	ug/l	100
90) Hexachloroethane	14.534	117	67498	48.481	ug/l	100
91) 1,2-Dichlorobenzene	14.275	146	210467	44.869	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.975	75	13494	53.671	ug/l	100
93) 1,2,4-Trichlorobenzene	15.762	180	134834	43.777	ug/l	100
94) Hexachlorobutadiene	15.879	225	66867	42.385	ug/l	100
95) Naphthalene	16.050	128	245340	44.490	ug/l	100
96) 1,2,3-Trichlorobenzene	16.279	180	114901	43.626	ug/l	100

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QLast Update : Tue Dec 09 00:58:21 2025
Response via : Initial Calibration

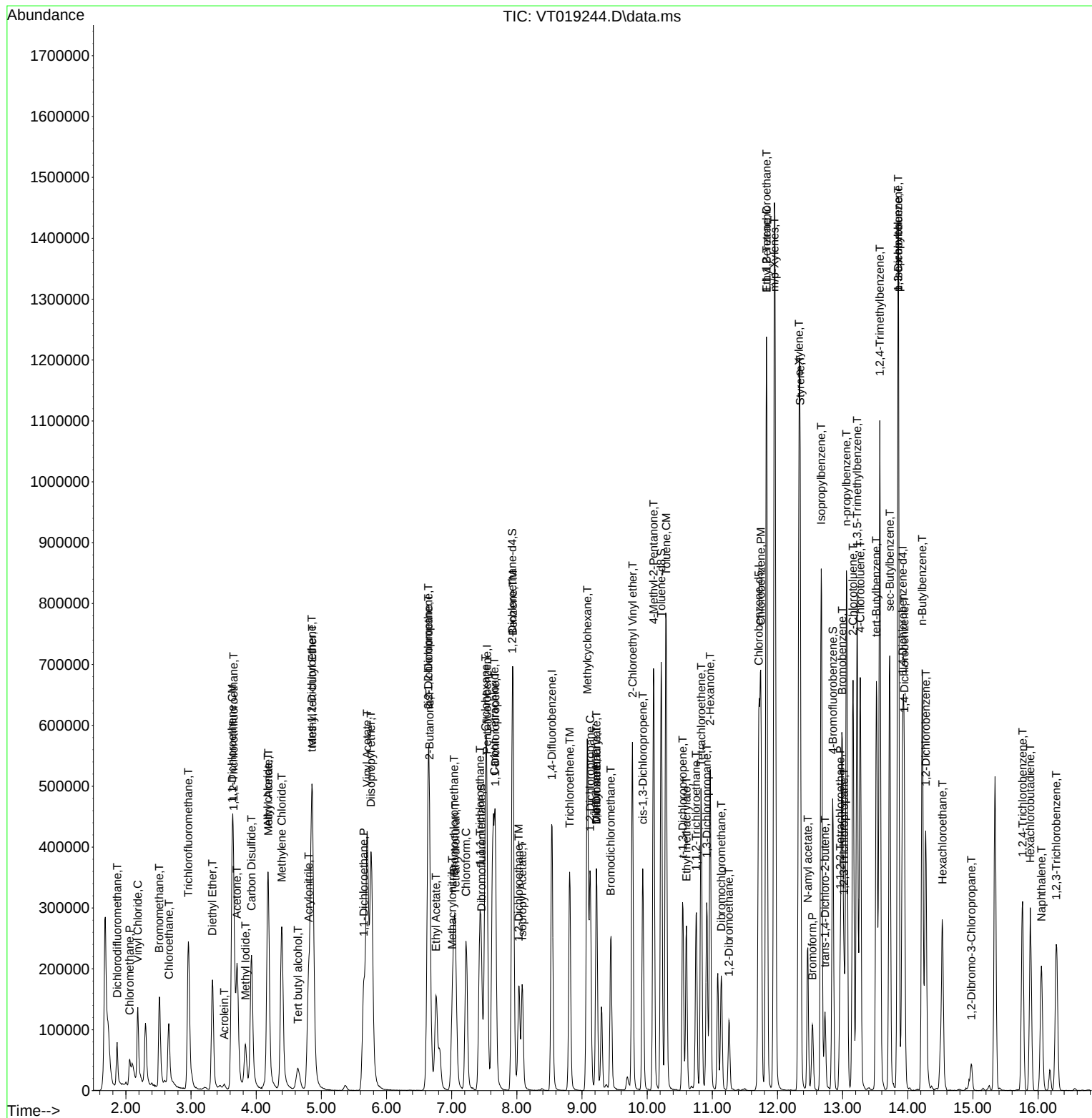
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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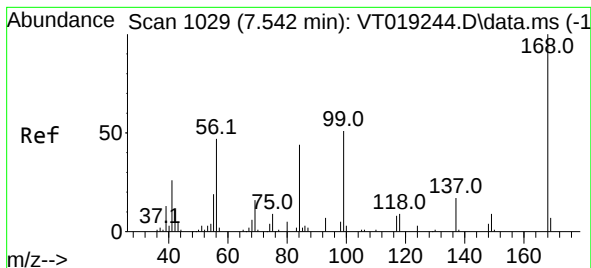
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.542 min Scan# 1029

Delta R.T. -0.000 min

Lab File: VT019244.D

Acq: 8 Dec 2025 11:28

Instrument :

MSVOA_T

ClientSampleId :

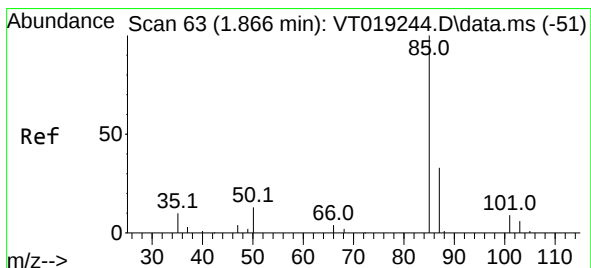
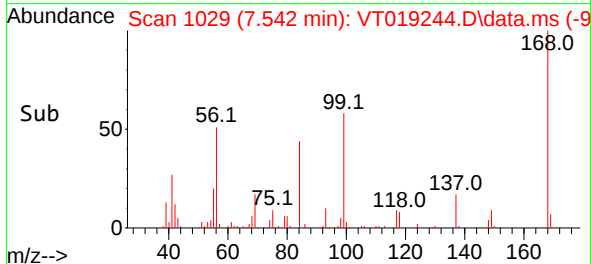
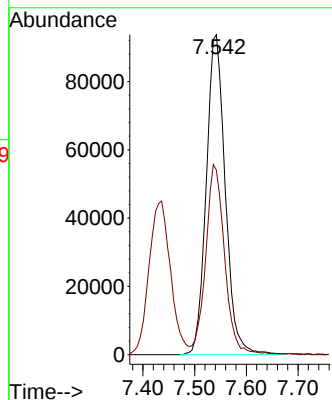
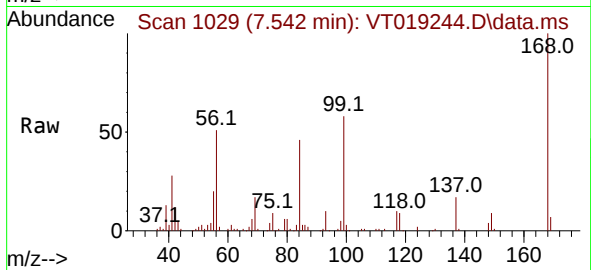
VSTDICCC050

Tgt Ion:168 Resp: 238959

Ion Ratio Lower Upper

168 100

99 57.4 45.9 68.9



#2

Dichlorodifluoromethane

Concen: 32.957 ug/l

RT: 1.866 min Scan# 63

Delta R.T. 0.000 min

Lab File: VT019244.D

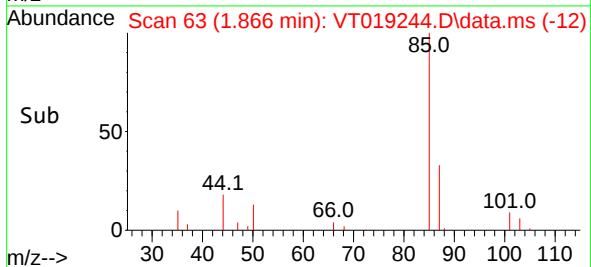
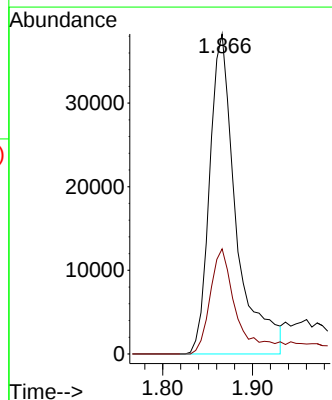
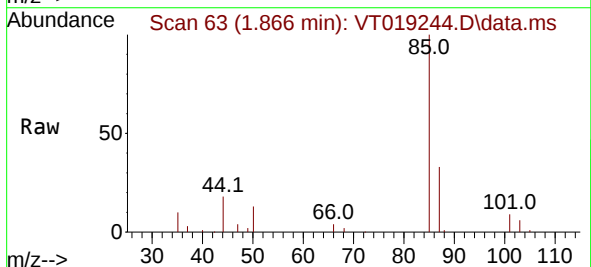
Acq: 8 Dec 2025 11:28

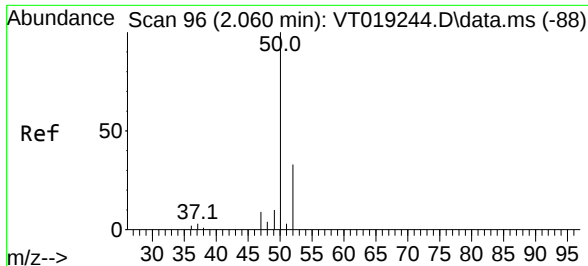
Tgt Ion: 85 Resp: 78509

Ion Ratio Lower Upper

85 100

87 32.9 16.4 49.4

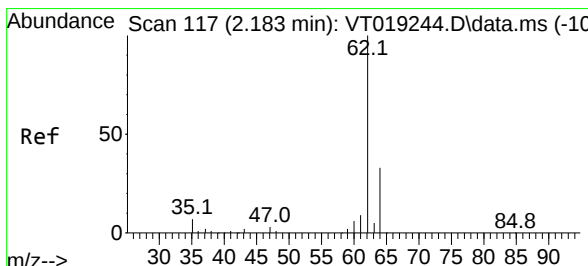
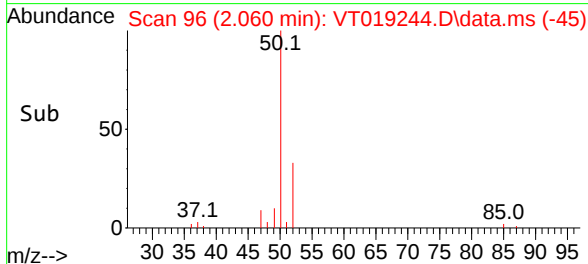
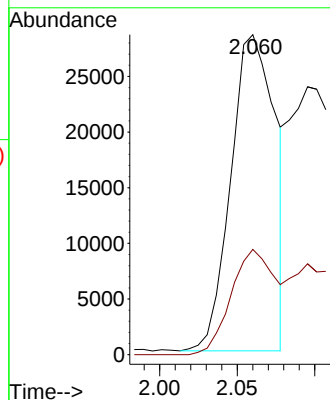
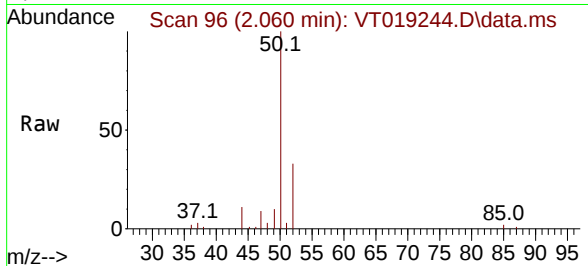




#3
Chloromethane
Concen: 15.068 ug/l
RT: 2.060 min Scan# 96
Delta R.T. 0.000 min
Lab File: VT019244.D
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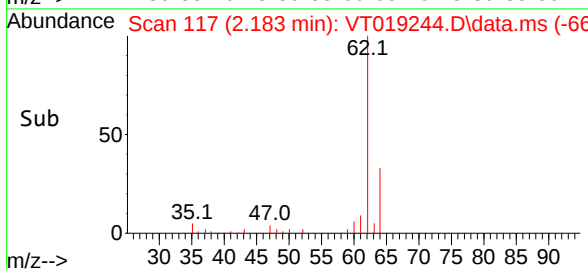
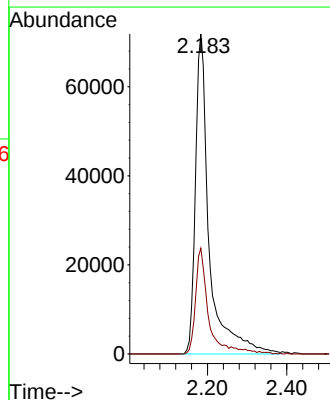
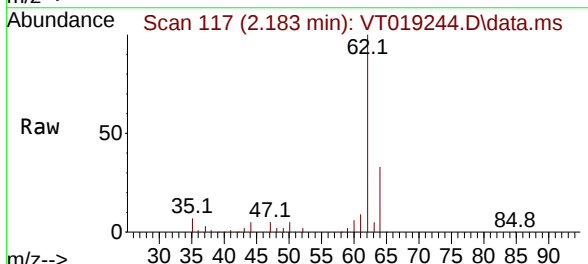
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ClientSampleId :
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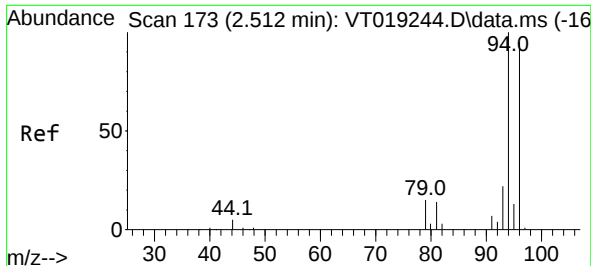
Tgt Ion: 50 Resp: 56830
Ion Ratio Lower Upper
50 100
52 33.3 26.3 39.5



#4
Vinyl Chloride
Concen: 43.285 ug/l
RT: 2.183 min Scan# 117
Delta R.T. 0.000 min
Lab File: VT019244.D
Acq: 8 Dec 2025 11:28

Tgt Ion: 62 Resp: 172957
Ion Ratio Lower Upper
62 100
64 33.1 26.5 39.7

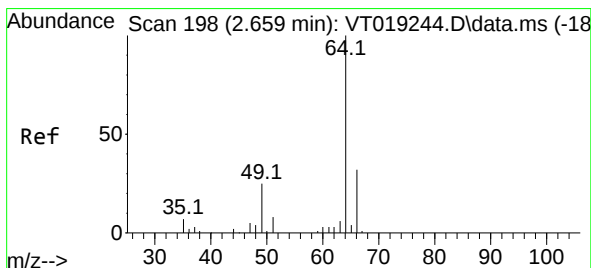
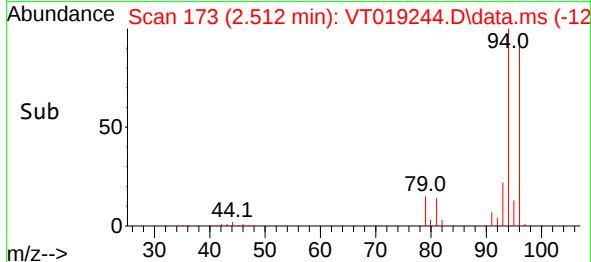
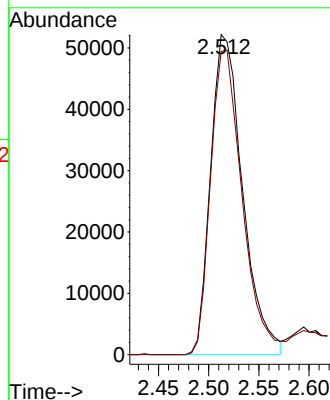
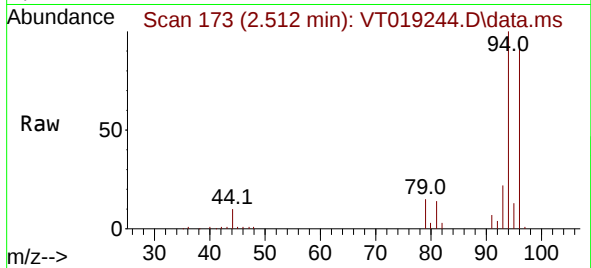




#5
Bromomethane
Concen: 38.949 ug/l
RT: 2.512 min Scan# 11
Delta R.T. 0.000 min
Lab File: VT019244.D
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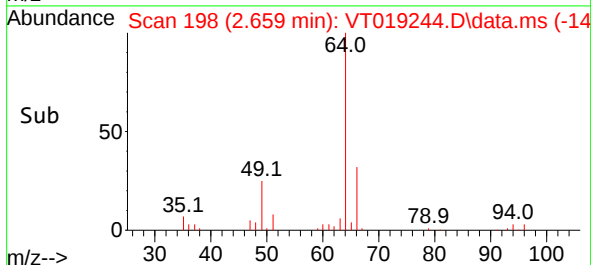
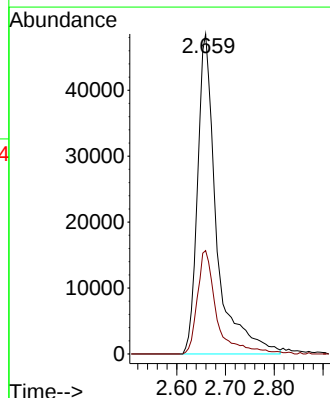
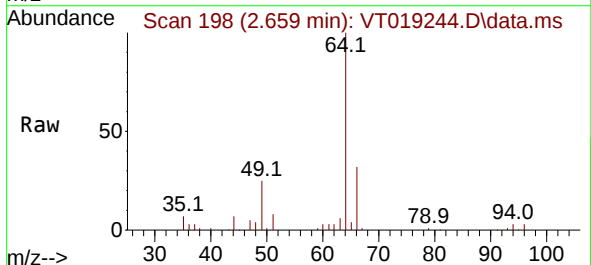
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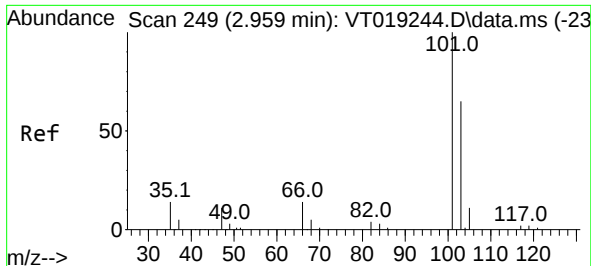
Tgt Ion: 94 Resp: 115603
Ion Ratio Lower Upper
94 100
96 94.7 75.8 113.6



#6
Chloroethane
Concen: 42.021 ug/l
RT: 2.659 min Scan# 198
Delta R.T. 0.000 min
Lab File: VT019244.D
Acq: 8 Dec 2025 11:28

Tgt Ion: 64 Resp: 131609
Ion Ratio Lower Upper
64 100
66 32.3 25.8 38.8

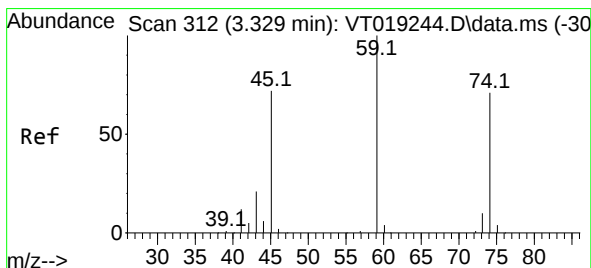
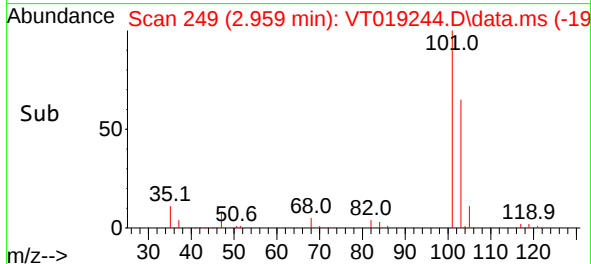
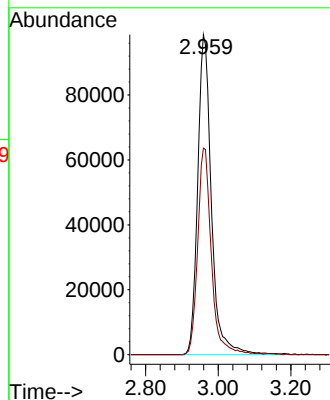
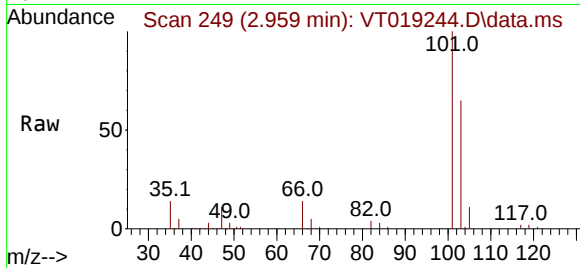




#7
 Trichlorofluoromethane
 Concen: 44.017 ug/l
 RT: 2.959 min Scan# 249
 Delta R.T. 0.000 min
 Lab File: VT019244.D
 Acq: 8 Dec 2025 11:28

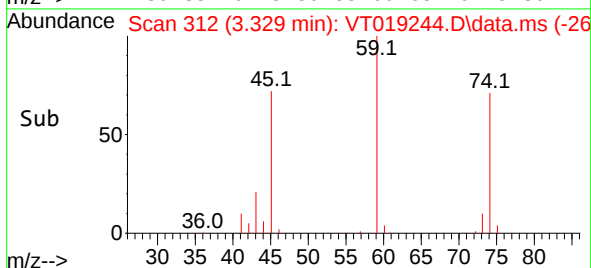
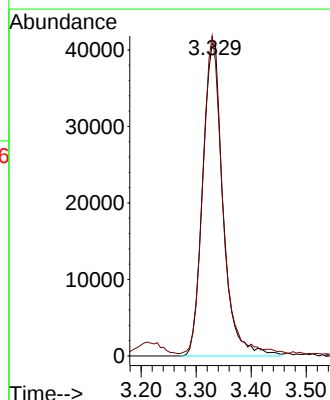
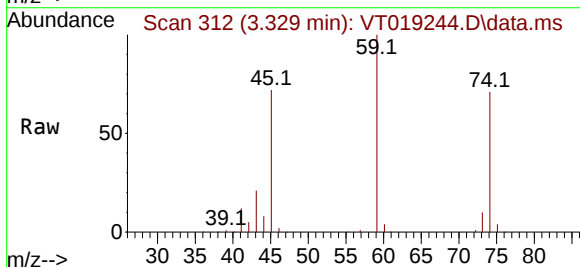
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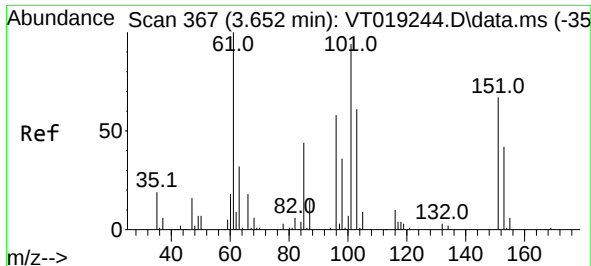
Tgt Ion:101 Resp: 258229
 Ion Ratio Lower Upper
 101 100
 103 64.5 51.6 77.4



#8
 Diethyl Ether
 Concen: 46.710 ug/l
 RT: 3.329 min Scan# 312
 Delta R.T. 0.000 min
 Lab File: VT019244.D
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Tgt Ion: 74 Resp: 105320
 Ion Ratio Lower Upper
 74 100
 45 96.9 48.4 145.3

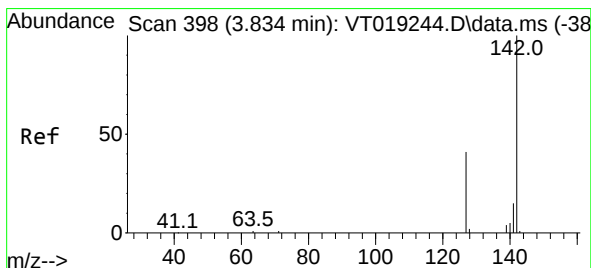
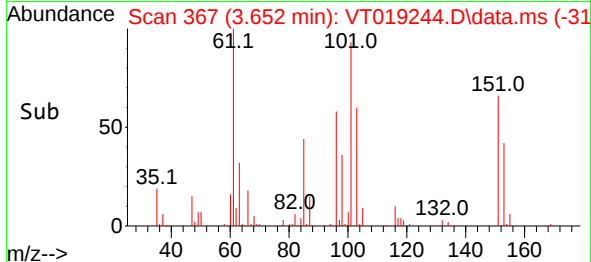
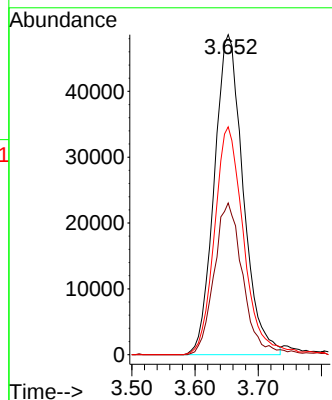
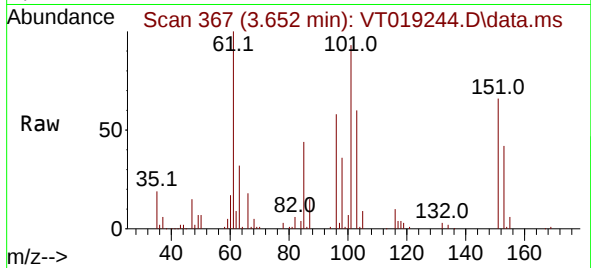




#9
1,1,2-Trichlorotrifluoroethane
Concen: 44.938 ug/l
RT: 3.652 min Scan# 301
Delta R.T. 0.000 min
Lab File: VT019244.D
Acq: 8 Dec 2025 11:28

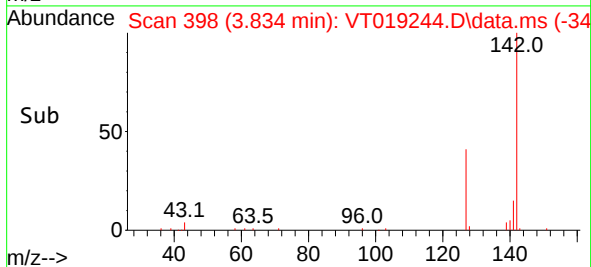
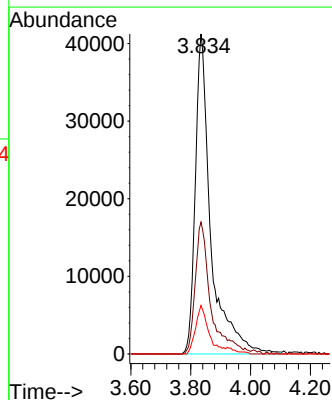
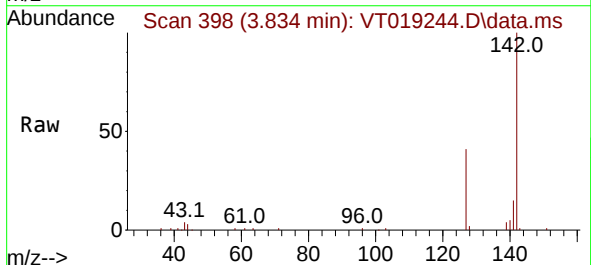
Instrument :
MSVOA_T
ClientSampleId :
VSTDICCC050

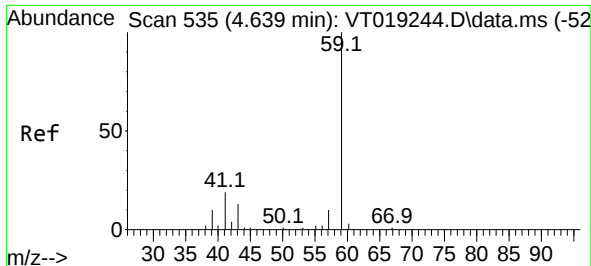
Tgt Ion:101 Resp: 154248
Ion Ratio Lower Upper
101 100
85 47.1 37.7 56.5
151 72.0 57.6 86.4



#10
Methyl Iodide
Concen: 49.129 ug/l
RT: 3.834 min Scan# 398
Delta R.T. 0.000 min
Lab File: VT019244.D
Acq: 8 Dec 2025 11:28

Tgt Ion:142 Resp: 148407
Ion Ratio Lower Upper
142 100
127 41.1 32.9 49.3
141 12.9 10.3 15.5

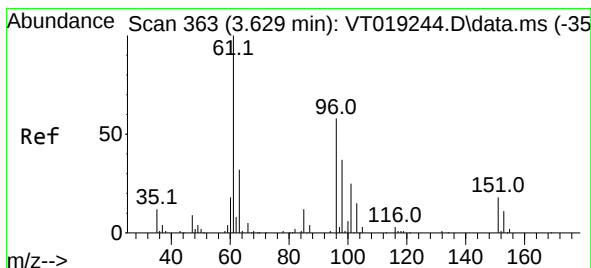
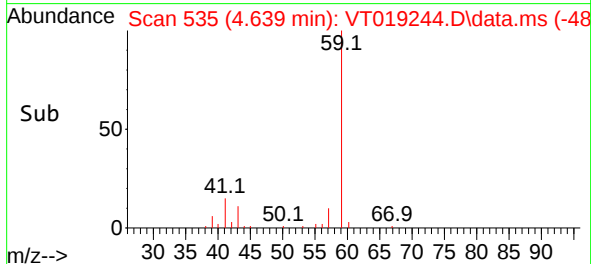
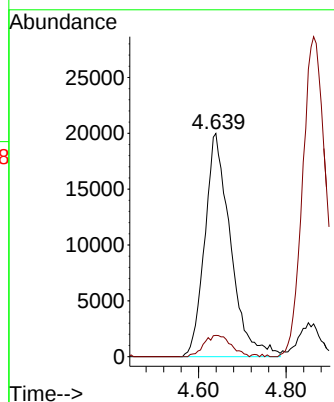
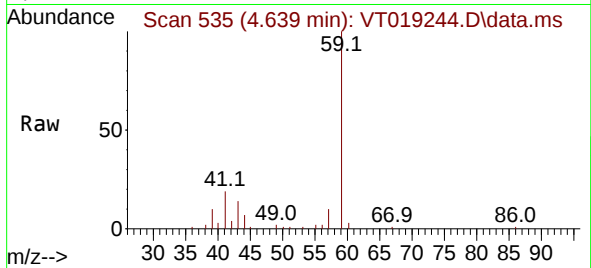




#11
Tert butyl alcohol
Concen: 244.210 ug/l
RT: 4.639 min Scan# 511
Delta R.T. 0.000 min
Lab File: VT019244.D
Acq: 8 Dec 2025 11:28

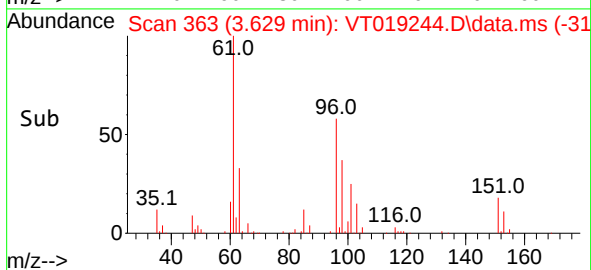
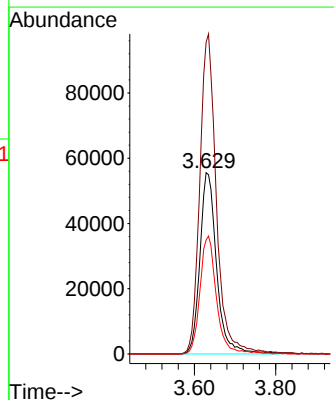
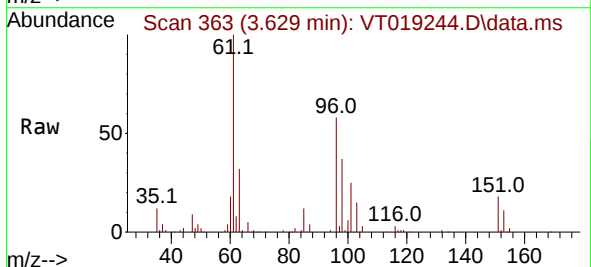
Instrument :
MSVOA_T
ClientSampleId :
VSTDICCC050

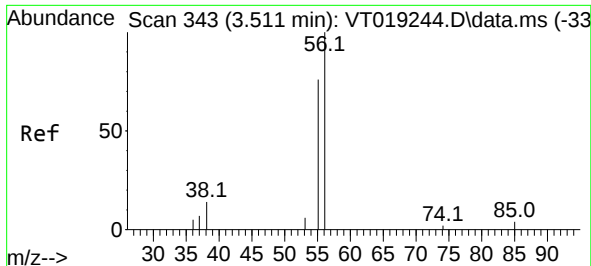
Tgt Ion: 59 Resp: 81668
Ion Ratio Lower Upper
59 100
57 10.0 8.0 12.0



#12
1,1-Dichloroethene
Concen: 45.228 ug/l
RT: 3.629 min Scan# 363
Delta R.T. 0.000 min
Lab File: VT019244.D
Acq: 8 Dec 2025 11:28

Tgt Ion: 96 Resp: 159161
Ion Ratio Lower Upper
96 100
61 171.9 137.5 206.3
98 62.8 50.2 75.4

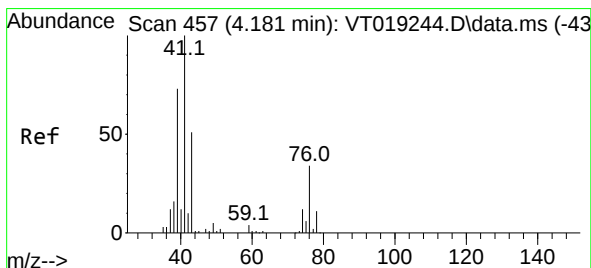
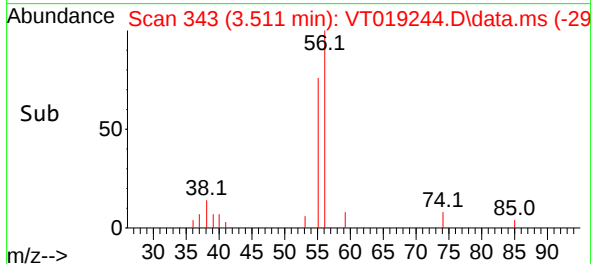
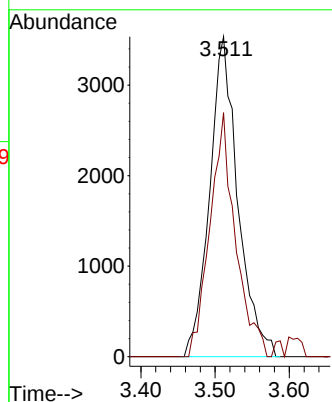
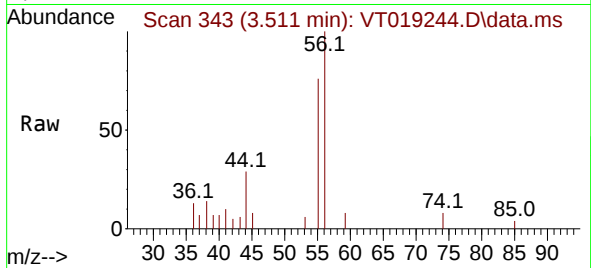




#13
Acrolein
Concen: 92.368 ug/l
RT: 3.511 min Scan# 343
Delta R.T. 0.000 min
Lab File: VT019244.D
Acq: 8 Dec 2025 11:28

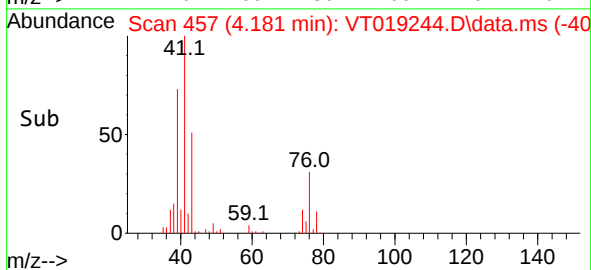
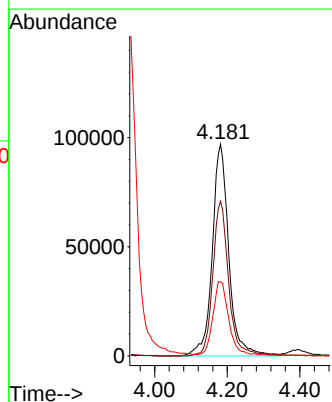
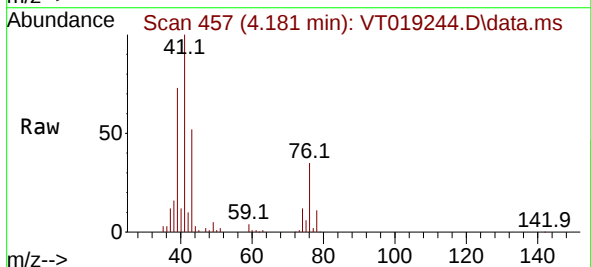
Instrument :
MSVOA_T
ClientSampleId :
VSTDICCC050

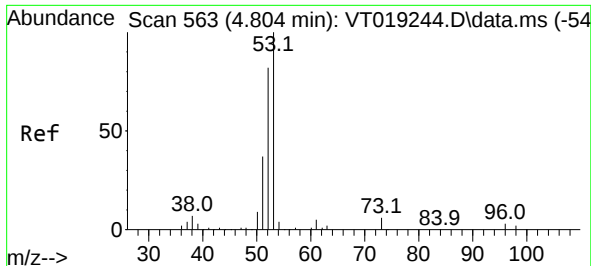
Tgt Ion: 56 Resp: 9336
Ion Ratio Lower Upper
56 100
55 68.9 55.1 82.7



#14
Allyl chloride
Concen: 45.100 ug/l
RT: 4.181 min Scan# 457
Delta R.T. 0.000 min
Lab File: VT019244.D
Acq: 8 Dec 2025 11:28

Tgt Ion: 41 Resp: 307235
Ion Ratio Lower Upper
41 100
39 69.6 55.7 83.5
76 33.2 26.6 39.8

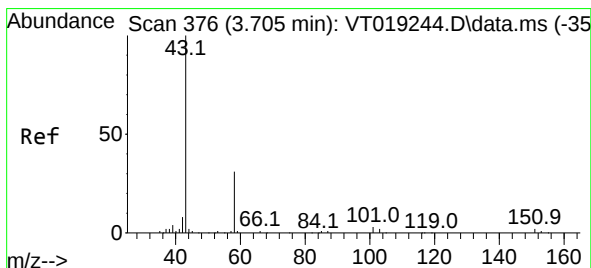
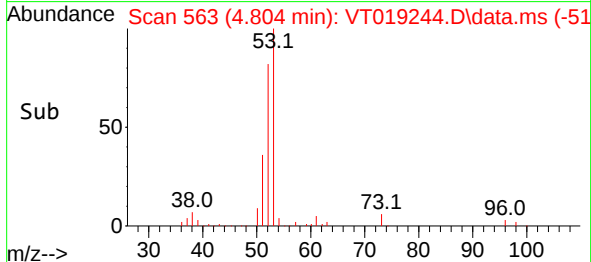
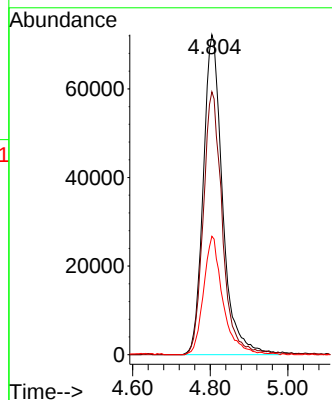
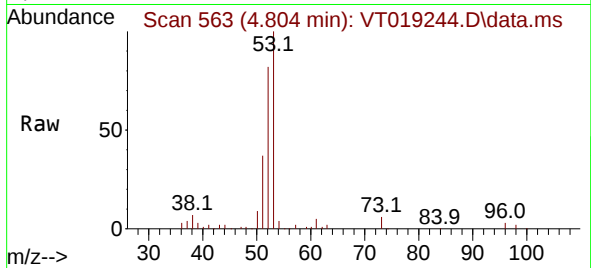




#15
Acrylonitrile
Concen: 262.899 ug/l
RT: 4.804 min Scan# 51
Delta R.T. 0.000 min
Lab File: VT019244.D
Acq: 8 Dec 2025 11:28

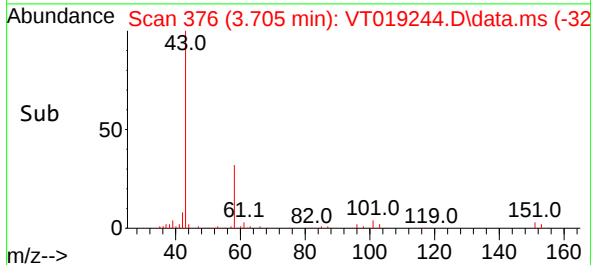
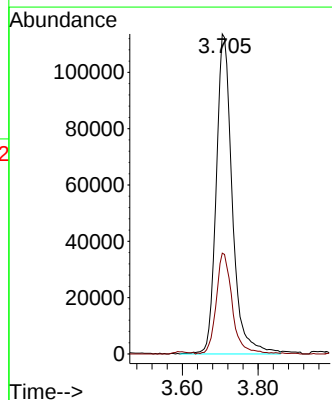
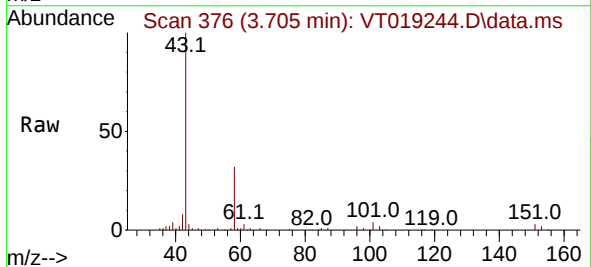
Instrument :
MSVOA_T
ClientSampleId :
VSTDICCC050

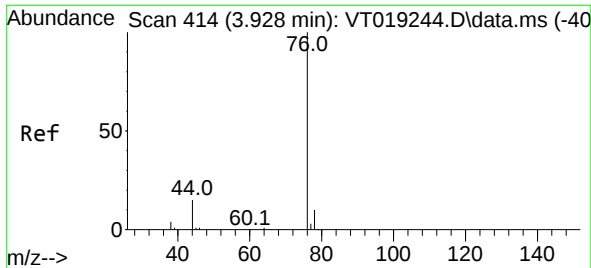
Tgt Ion: 53 Resp: 249974
Ion Ratio Lower Upper
53 100
52 81.1 64.9 97.3
51 37.1 29.7 44.5



#16
Acetone
Concen: 250.103 ug/l
RT: 3.705 min Scan# 376
Delta R.T. 0.000 min
Lab File: VT019244.D
Acq: 8 Dec 2025 11:28

Tgt Ion: 43 Resp: 333449
Ion Ratio Lower Upper
43 100
58 31.3 25.0 37.6

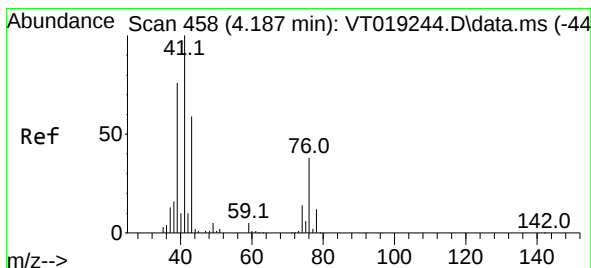
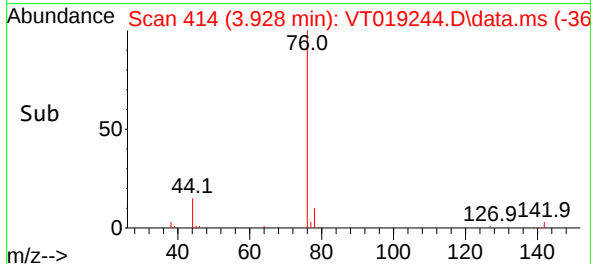
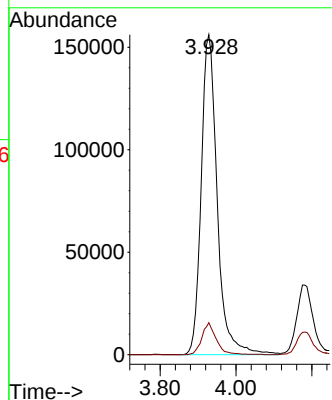
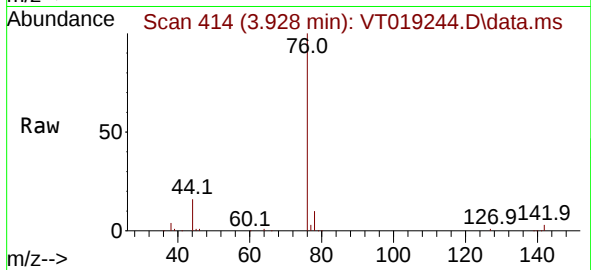




#17
Carbon Disulfide
Concen: 44.472 ug/l
RT: 3.928 min Scan# 414
Delta R.T. 0.000 min
Lab File: VT019244.D
Acq: 8 Dec 2025 11:28

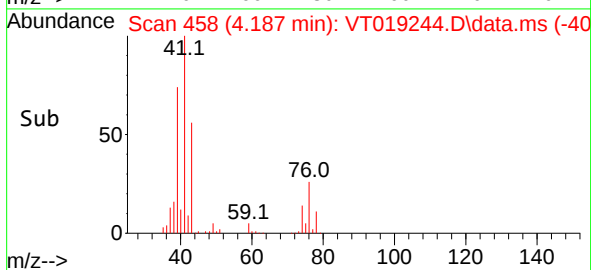
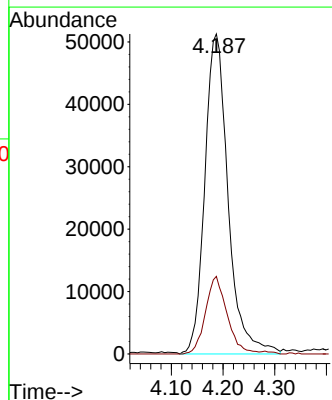
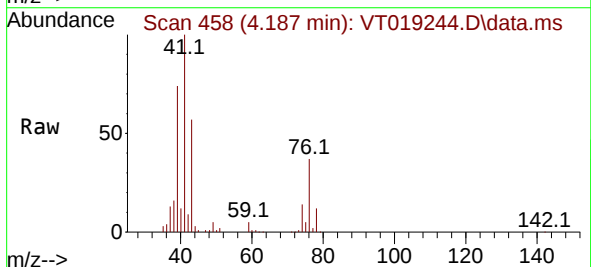
Instrument :
MSVOA_T
ClientSampleId :
VSTDICCC050

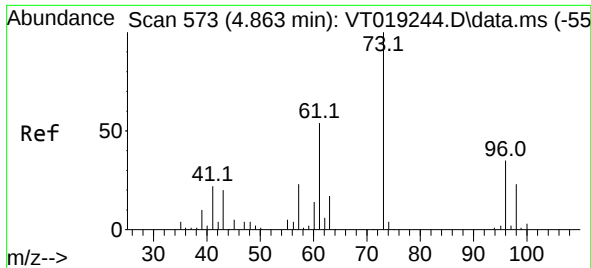
Tgt Ion: 76 Resp: 457542
Ion Ratio Lower Upper
76 100
78 10.0 8.0 12.0



#18
Methyl Acetate
Concen: 60.785 ug/l
RT: 4.187 min Scan# 458
Delta R.T. 0.000 min
Lab File: VT019244.D
Acq: 8 Dec 2025 11:28

Tgt Ion: 43 Resp: 160387
Ion Ratio Lower Upper
43 100
74 22.4 17.9 26.9





#19

Methyl tert-butyl Ether

Concen: 50.433 ug/l

RT: 4.863 min Scan# 5

Delta R.T. 0.000 min

Lab File: VT019244.D

Acq: 8 Dec 2025 11:28

Instrument :

MSVOA_T

ClientSampleId :

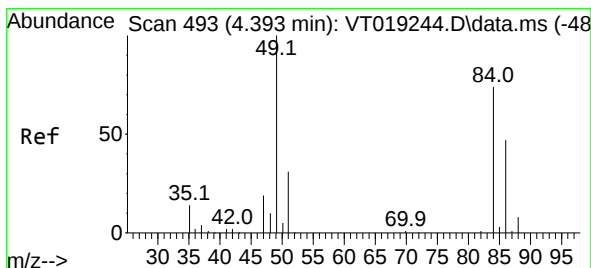
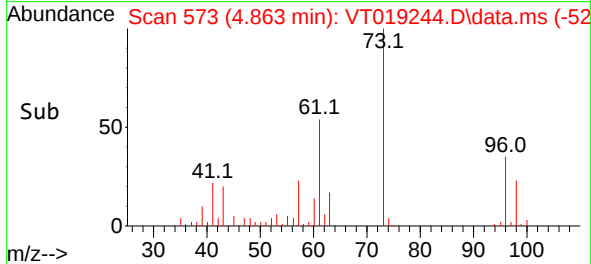
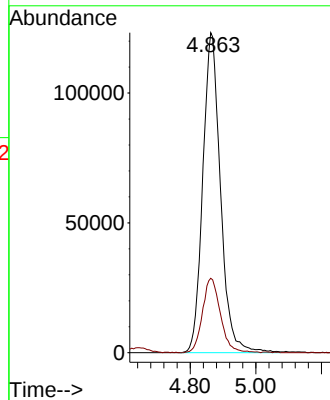
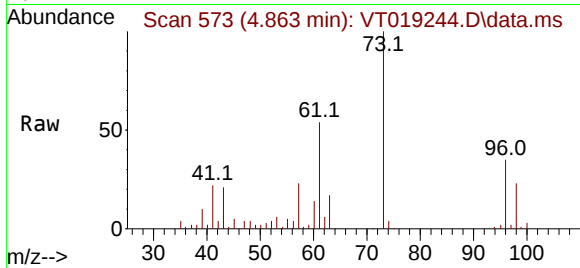
VSTDICCC050

Tgt Ion: 73 Resp: 462365

Ion Ratio Lower Upper

73 100

57 23.2 18.6 27.8



#20

Methylene Chloride

Concen: 46.247 ug/l

RT: 4.393 min Scan# 493

Delta R.T. 0.000 min

Lab File: VT019244.D

Acq: 8 Dec 2025 11:28

Tgt Ion: 84 Resp: 190210

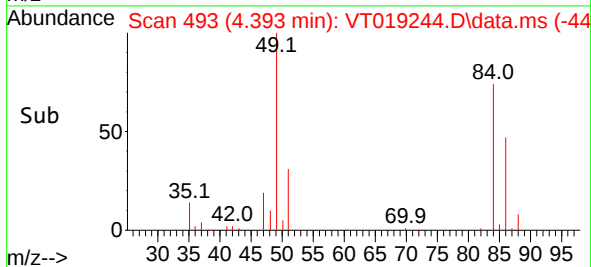
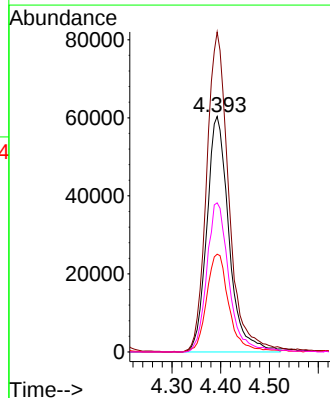
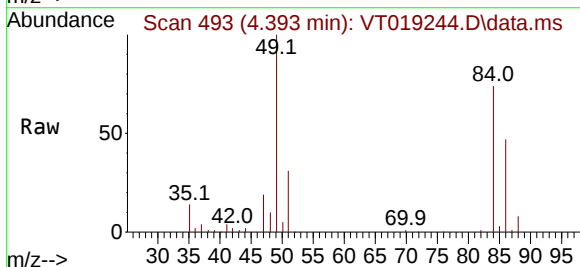
Ion Ratio Lower Upper

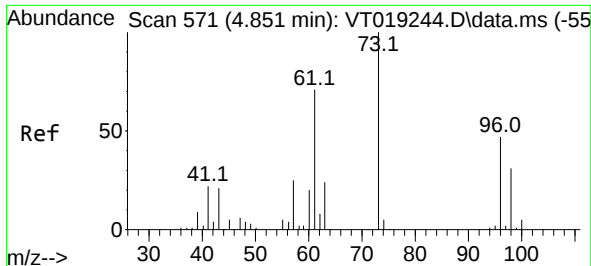
84 100

49 135.9 108.7 163.1

51 41.5 33.2 49.8

86 63.3 50.6 76.0





#21

trans-1,2-Dichloroethene

Concen: 47.115 ug/l

RT: 4.851 min Scan# 571

Delta R.T. 0.000 min

Lab File: VT019244.D

Acq: 8 Dec 2025 11:28

Instrument :

MSVOA_T

ClientSampleId :

VSTDICCC050

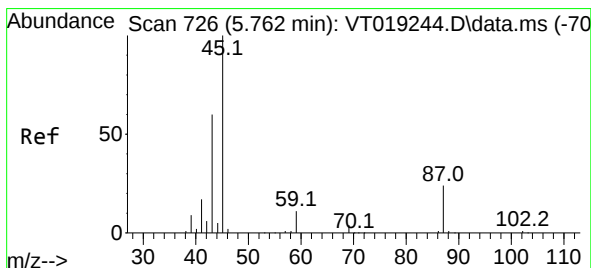
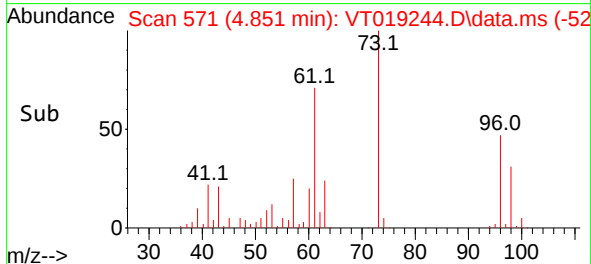
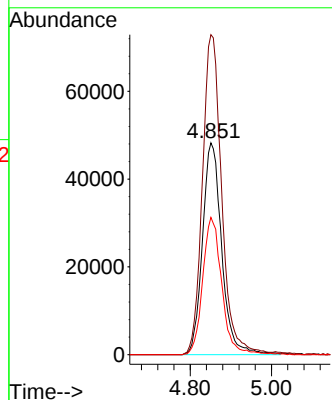
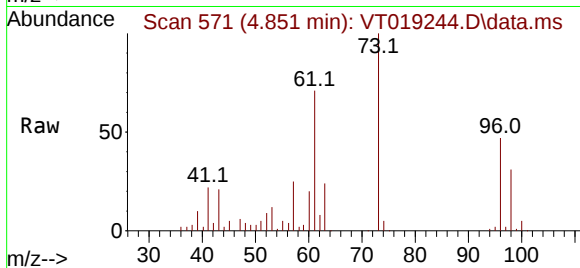
Tgt Ion: 96 Resp: 158776

Ion Ratio Lower Upper

96 100

61 151.1 120.9 181.3

98 64.8 51.8 77.8



#22

Diisopropyl ether

Concen: 47.537 ug/l

RT: 5.762 min Scan# 726

Delta R.T. 0.000 min

Lab File: VT019244.D

Acq: 8 Dec 2025 11:28

Tgt Ion: 45 Resp: 554580

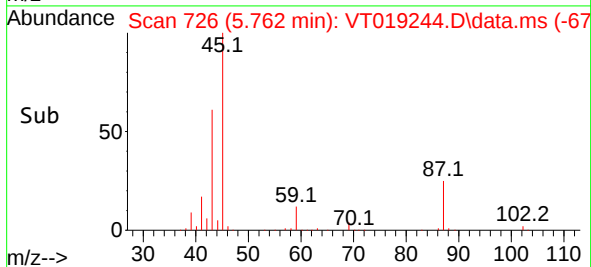
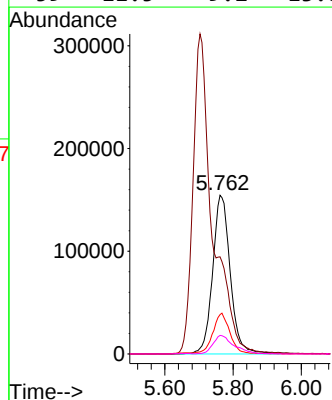
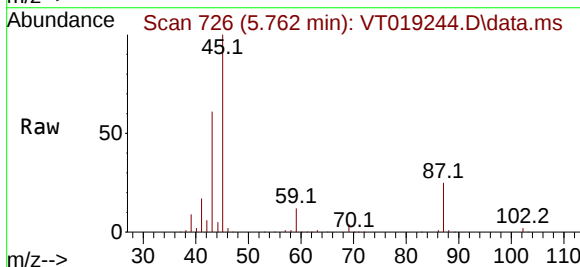
Ion Ratio Lower Upper

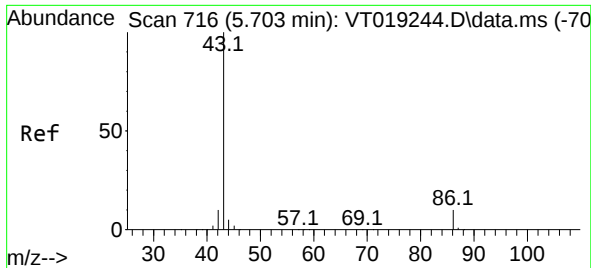
45 100

43 60.3 48.2 72.4

87 24.6 19.7 29.5

59 11.5 9.2 13.8





#23

Vinyl Acetate

Concen: 244.577 ug/l

RT: 5.703 min Scan# 716

Delta R.T. 0.000 min

Lab File: VT019244.D

Acq: 8 Dec 2025 11:28

Instrument :

MSVOA_T

ClientSampleId :

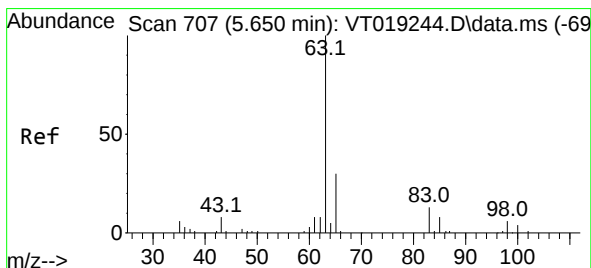
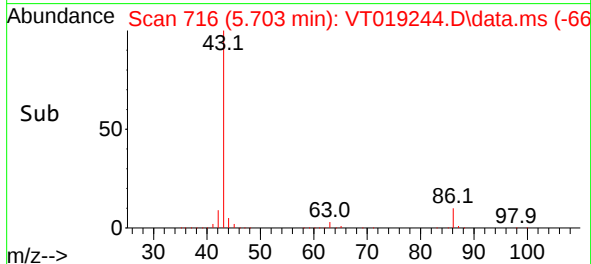
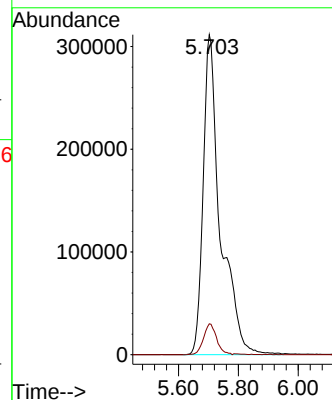
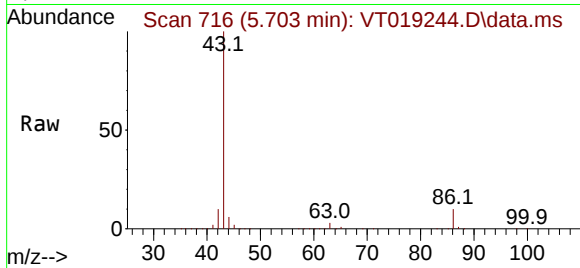
VSTDICCC050

Tgt Ion: 43 Resp: 1239840

Ion Ratio Lower Upper

43 100

86 9.7 7.8 11.6



#24

1,1-Dichloroethane

Concen: 46.440 ug/l

RT: 5.650 min Scan# 707

Delta R.T. 0.000 min

Lab File: VT019244.D

Acq: 8 Dec 2025 11:28

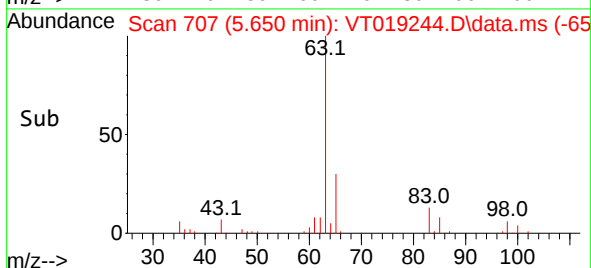
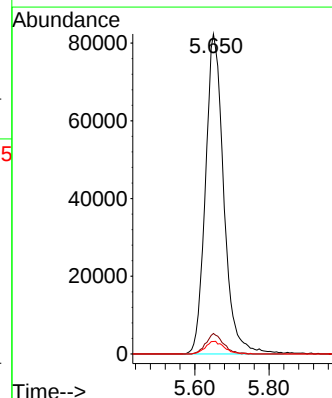
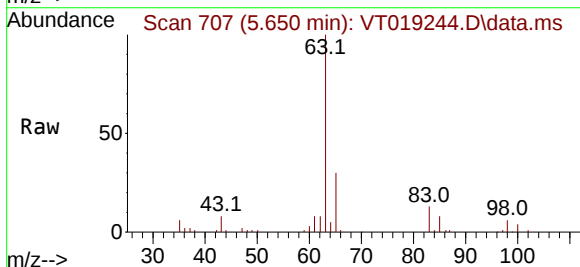
Tgt Ion: 63 Resp: 282076

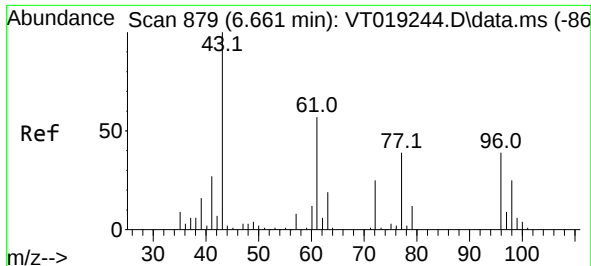
Ion Ratio Lower Upper

63 100

98 6.4 3.2 9.6

100 3.9 2.0 5.8





#25

2-Butanone

Concen: 213.691 ug/l

RT: 6.661 min Scan# 81

Delta R.T. 0.000 min

Lab File: VT019244.D

Acq: 8 Dec 2025 11:28

Instrument :

MSVOA_T

ClientSampleId :

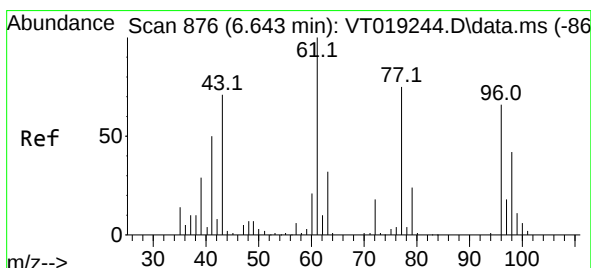
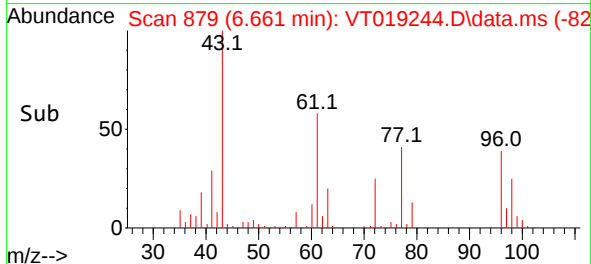
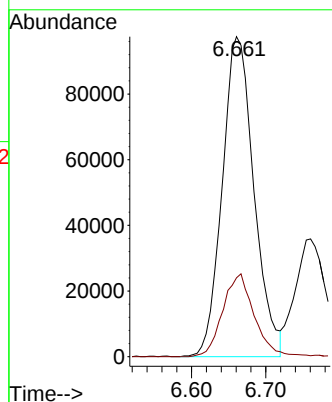
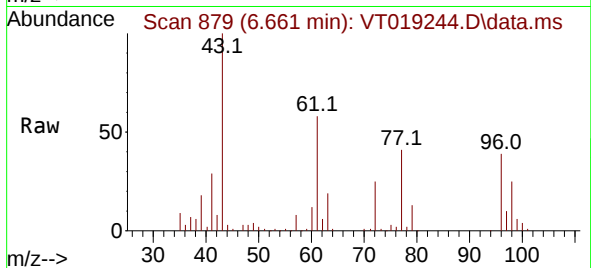
VSTDICCC050

Tgt Ion: 43 Resp: 289658

Ion Ratio Lower Upper

43 100

72 24.7 19.8 29.6



#26

2,2-Dichloropropane

Concen: 46.640 ug/l

RT: 6.643 min Scan# 876

Delta R.T. 0.000 min

Lab File: VT019244.D

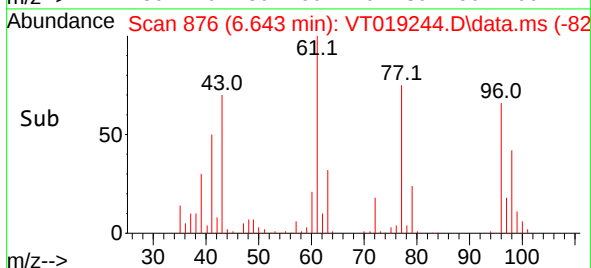
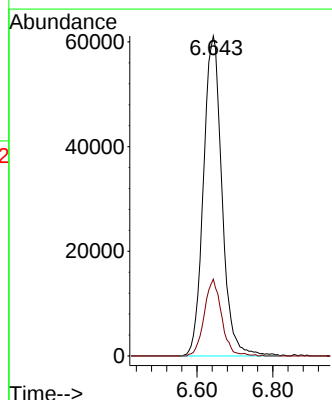
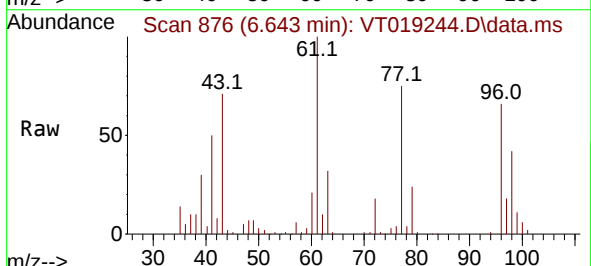
Acq: 8 Dec 2025 11:28

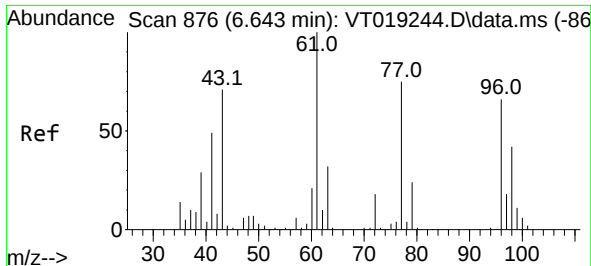
Tgt Ion: 77 Resp: 207008

Ion Ratio Lower Upper

77 100

97 22.5 11.3 33.8

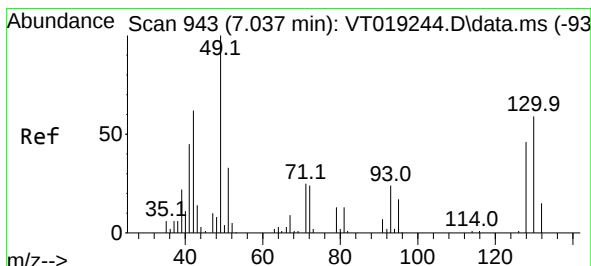
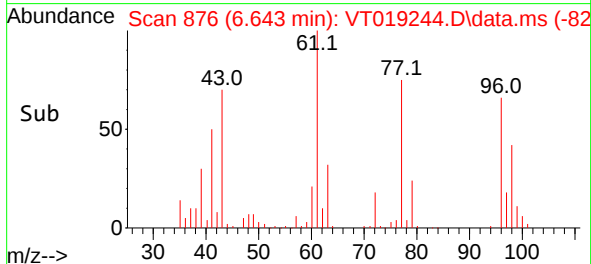
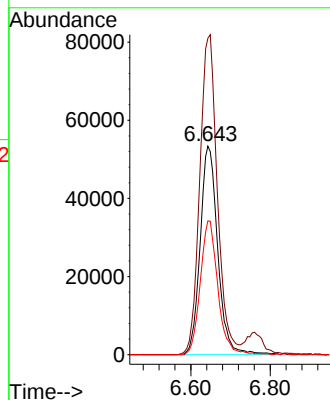
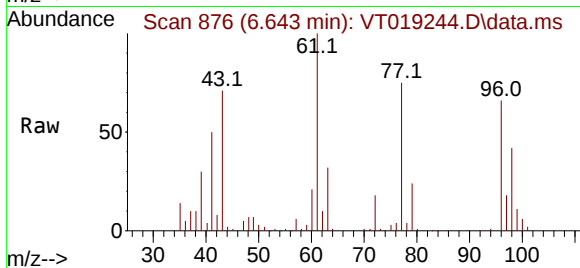




#27
cis-1,2-Dichloroethene
Concen: 46.652 ug/l
RT: 6.643 min Scan# 876
Delta R.T. 0.000 min
Lab File: VT019244.D
Acq: 8 Dec 2025 11:28

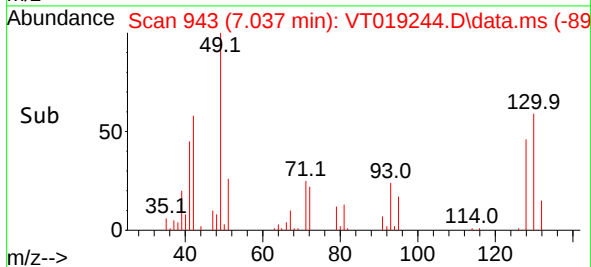
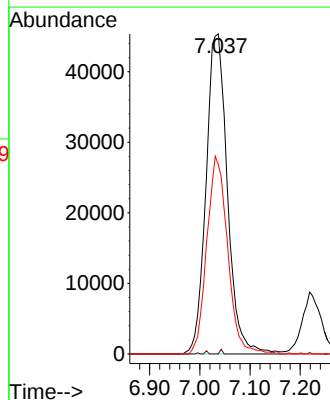
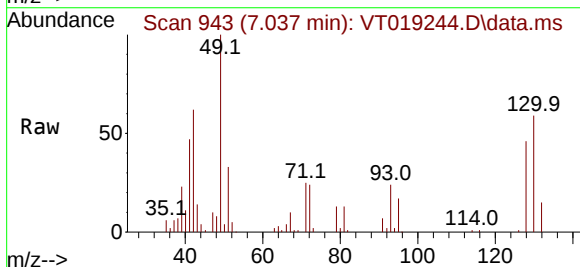
Instrument :
MSVOA_T
ClientSampleId :
VSTDICCC050

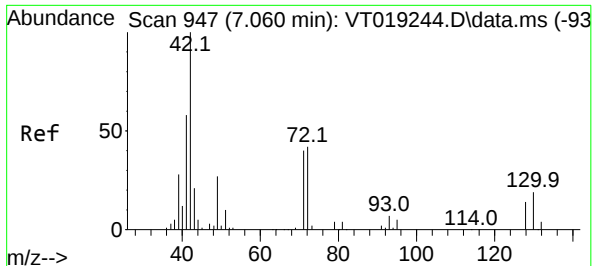
Tgt Ion: 96 Resp: 164231
Ion Ratio Lower Upper
96 100
61 152.9 0.0 305.8
98 64.1 0.0 128.2



#28
Bromochloromethane
Concen: 49.732 ug/l
RT: 7.037 min Scan# 943
Delta R.T. 0.000 min
Lab File: VT019244.D
Acq: 8 Dec 2025 11:28

Tgt Ion: 49 Resp: 134170
Ion Ratio Lower Upper
49 100
129 0.2 0.0 0.4
130 60.3 48.2 72.4





#29

Tetrahydrofuran

Concen: 259.919 ug/l

RT: 7.060 min Scan# 947

Delta R.T. 0.000 min

Lab File: VT019244.D

Acq: 8 Dec 2025 11:28

Instrument :

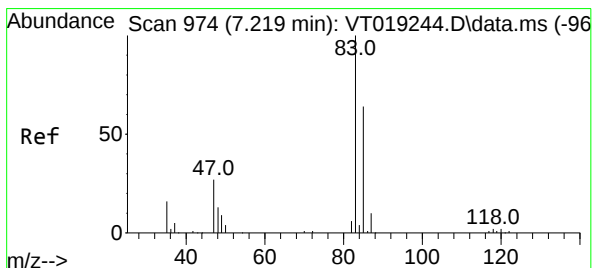
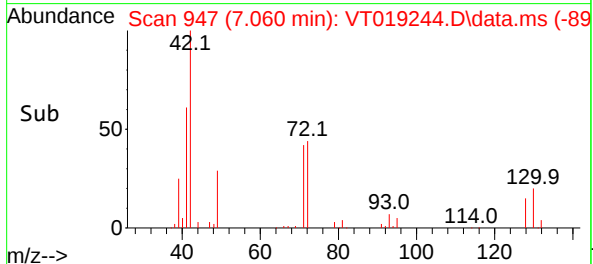
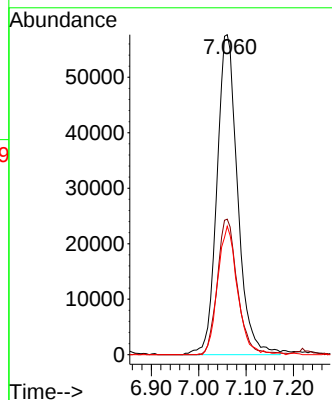
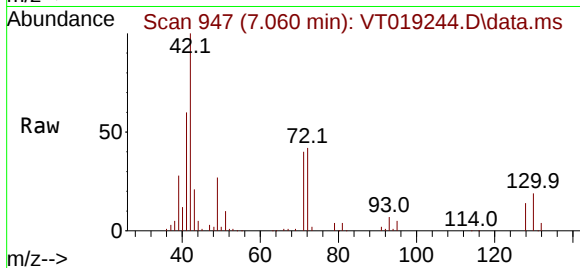
MSVOA_T

ClientSampleId :

VSTDICCC050

Tgt Ion: 42 Resp: 175182

Ion	Ratio	Lower	Upper
42	100		
72	41.3	33.0	49.6
71	38.3	30.6	46.0



#30

Chloroform

Concen: 46.390 ug/l

RT: 7.219 min Scan# 974

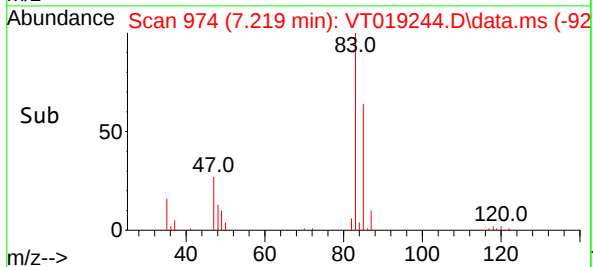
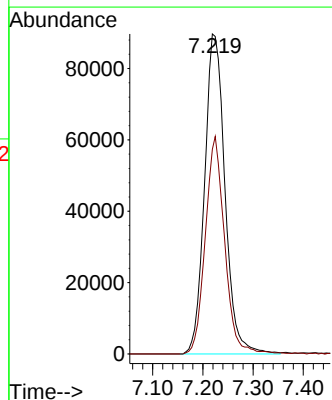
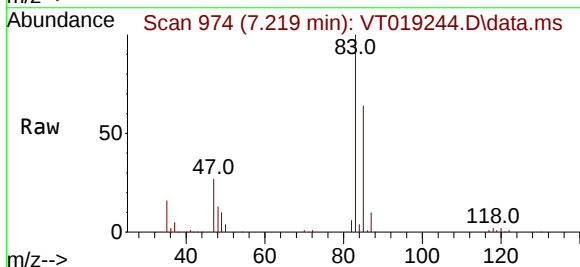
Delta R.T. 0.000 min

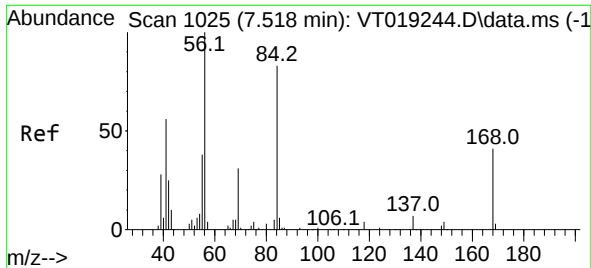
Lab File: VT019244.D

Acq: 8 Dec 2025 11:28

Tgt Ion: 83 Resp: 253451

Ion	Ratio	Lower	Upper
83	100		
85	64.0	51.2	76.8

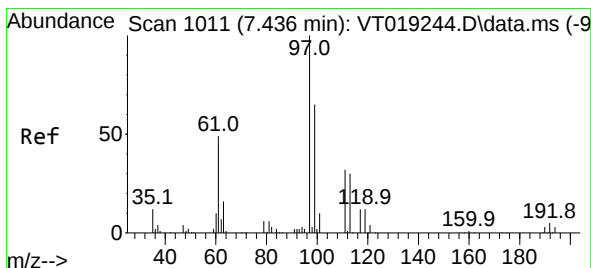
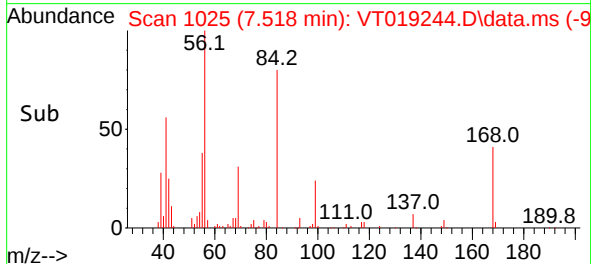
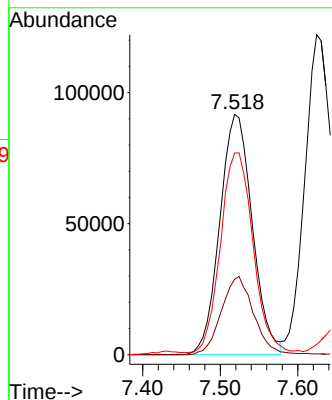
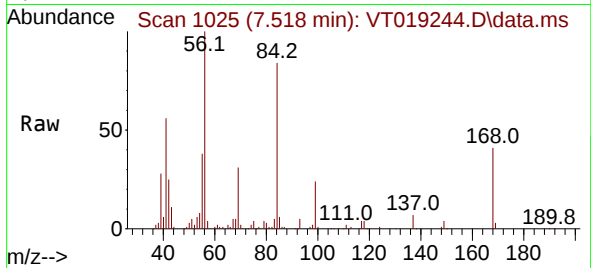




#31
Cyclohexane
Concen: 43.383 ug/l
RT: 7.518 min Scan# 1025
Delta R.T. 0.000 min
Lab File: VT019244.D
Acq: 8 Dec 2025 11:28

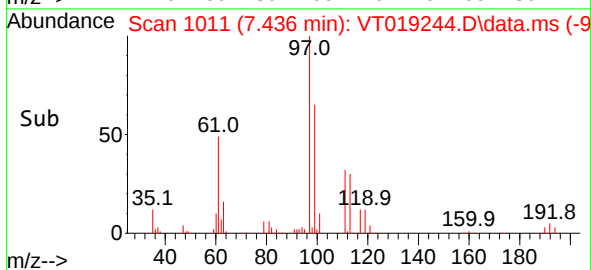
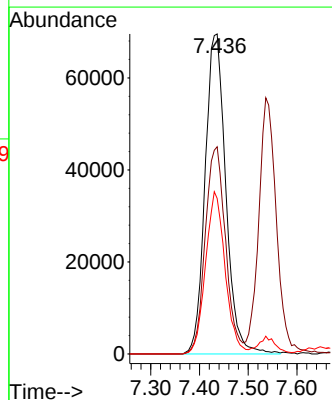
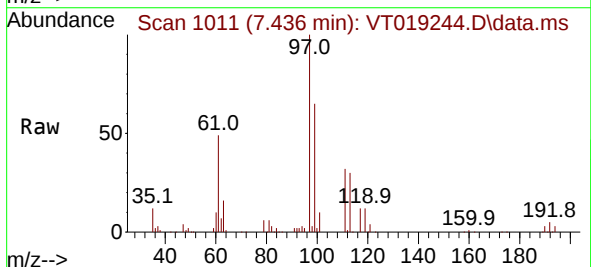
Instrument :
MSVOA_T
ClientSampleId :
VSTDICCC050

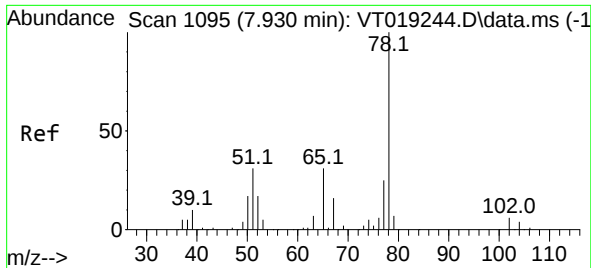
Tgt Ion: 56 Resp: 267637
Ion Ratio Lower Upper
56 100
69 31.4 25.1 37.7
84 82.9 66.3 99.5



#32
1,1,1-Trichloroethane
Concen: 46.676 ug/l
RT: 7.436 min Scan# 1011
Delta R.T. 0.000 min
Lab File: VT019244.D
Acq: 8 Dec 2025 11:28

Tgt Ion: 97 Resp: 204947
Ion Ratio Lower Upper
97 100
99 63.5 50.8 76.2
61 48.0 38.4 57.6

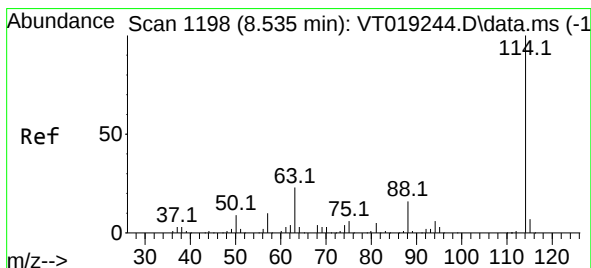
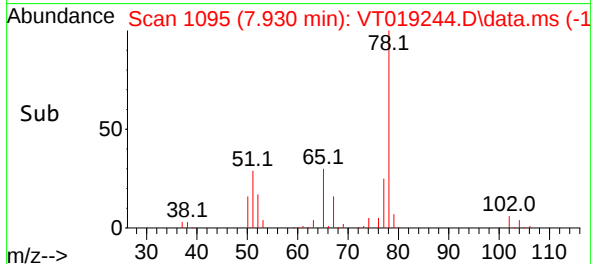
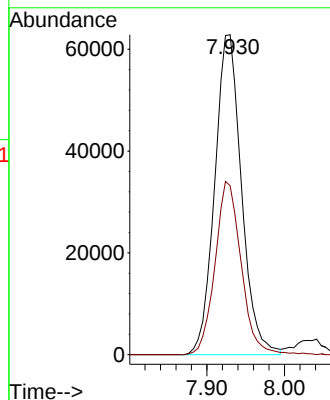
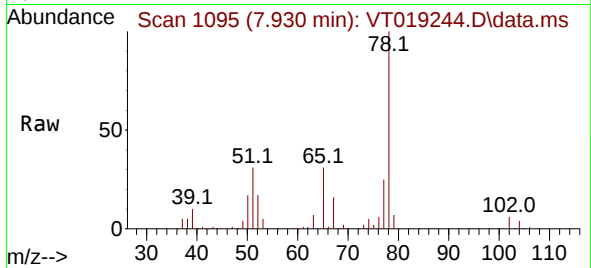




#33
 1,2-Dichloroethane-d4
 Concen: 49.082 ug/l
 RT: 7.930 min Scan# 1095
 Delta R.T. 0.000 min
 Lab File: VT019244.D
 Acq: 8 Dec 2025 11:28

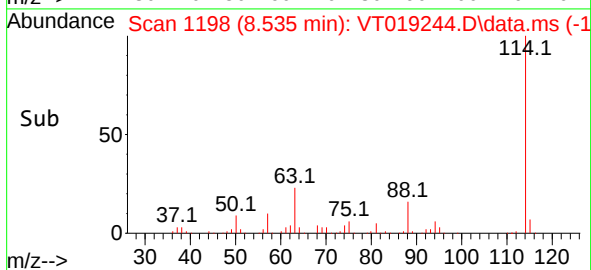
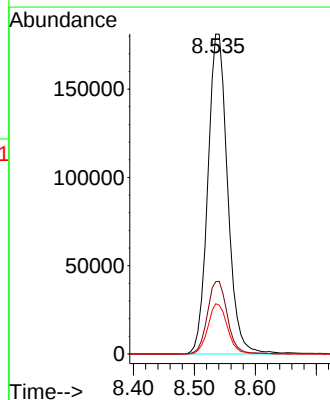
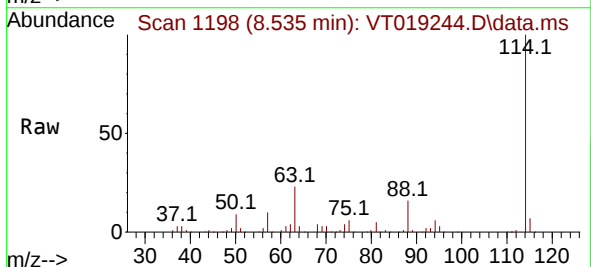
Instrument :
 MSVOA_T
 ClientSampleId :
 VSTDICCC050

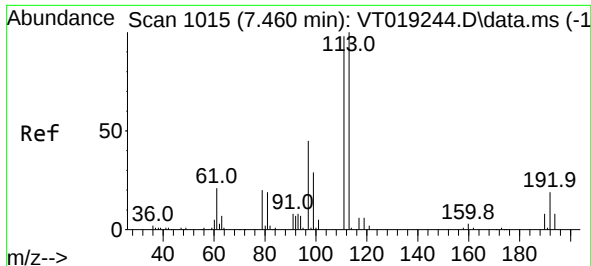
Tgt Ion: 65 Resp: 151056
 Ion Ratio Lower Upper
 65 100
 67 53.0 0.0 106.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.535 min Scan# 1198
 Delta R.T. 0.000 min
 Lab File: VT019244.D
 Acq: 8 Dec 2025 11:28

Tgt Ion: 114 Resp: 408359
 Ion Ratio Lower Upper
 114 100
 63 22.6 0.0 45.2
 88 15.7 0.0 31.4

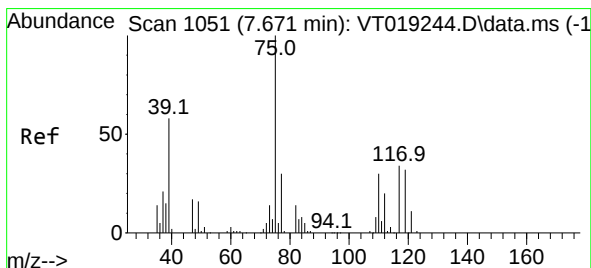
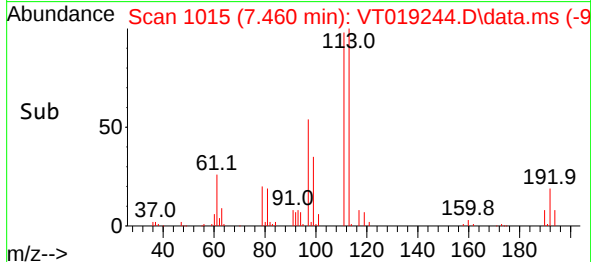
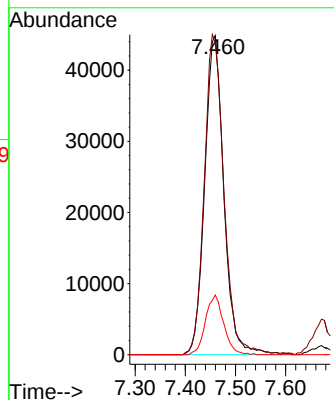
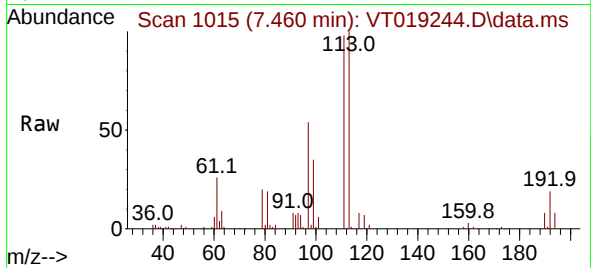




#35
 Dibromofluoromethane
 Concen: 49.369 ug/l
 RT: 7.460 min Scan# 1015
 Delta R.T. 0.000 min
 Lab File: VT019244.D
 Acq: 8 Dec 2025 11:28

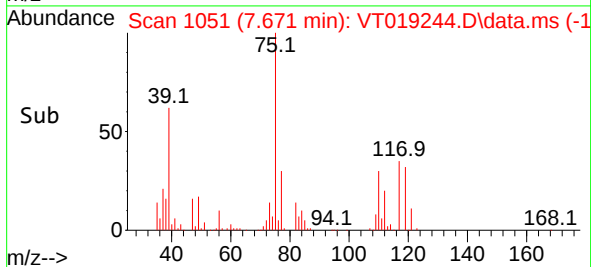
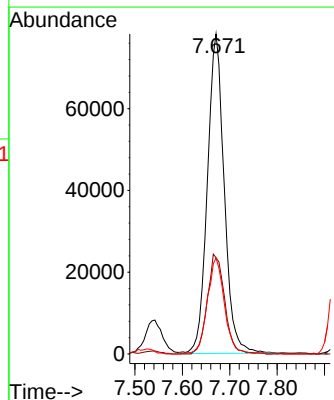
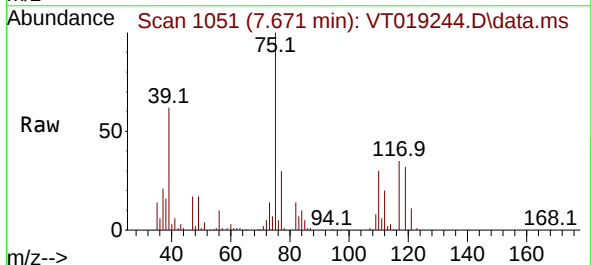
Instrument :
 MSVOA_T
 ClientSampleId :
 VSTDICCC050

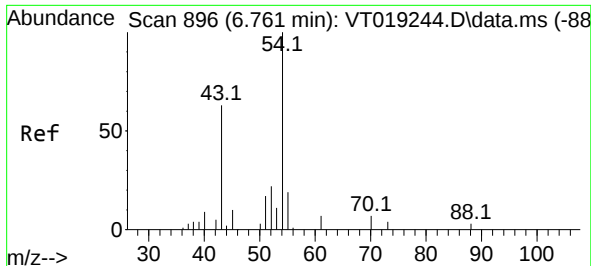
Tgt Ion:113 Resp: 118714
 Ion Ratio Lower Upper
 113 100
 111 103.4 82.7 124.1
 192 17.8 14.2 21.4



#36
 1,1-Dichloropropene
 Concen: 45.630 ug/l
 RT: 7.671 min Scan# 1051
 Delta R.T. 0.000 min
 Lab File: VT019244.D
 Acq: 8 Dec 2025 11:28

Tgt Ion: 75 Resp: 192923
 Ion Ratio Lower Upper
 75 100
 110 32.2 16.1 48.3
 77 30.5 24.4 36.6





#37

Ethyl Acetate

Concen: 50.210 ug/l

RT: 6.761 min Scan# 896

Delta R.T. 0.000 min

Lab File: VT019244.D

Acq: 8 Dec 2025 11:28

Instrument :

MSVOA_T

ClientSampleId :

VSTDICCC050

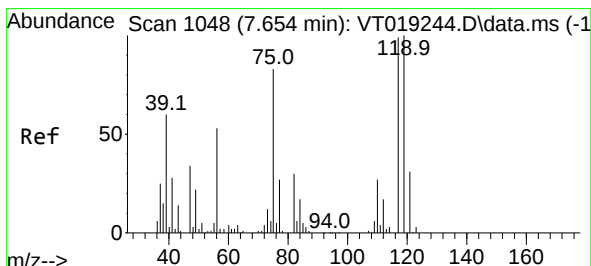
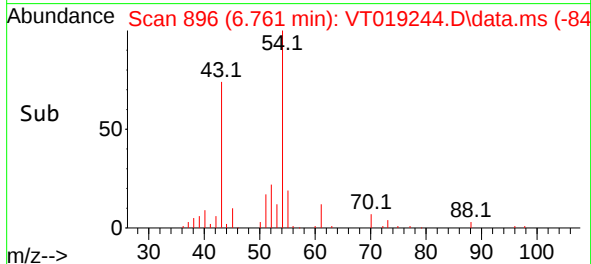
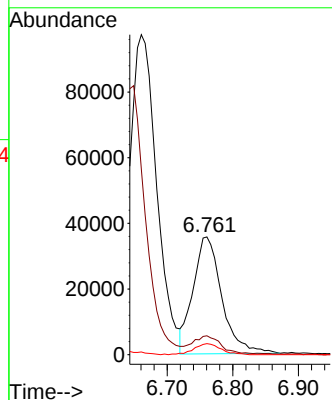
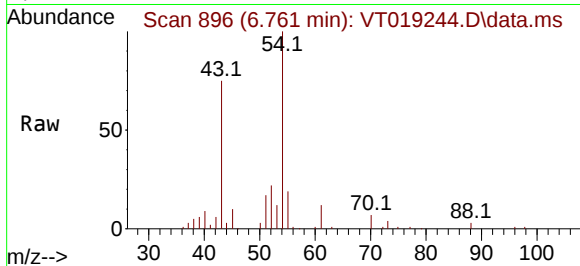
Tgt Ion: 43 Resp: 108746

Ion Ratio Lower Upper

43 100

61 14.6 11.7 17.5

70 8.9 7.1 10.7



#38

Carbon Tetrachloride

Concen: 48.284 ug/l

RT: 7.654 min Scan# 1048

Delta R.T. 0.000 min

Lab File: VT019244.D

Acq: 8 Dec 2025 11:28

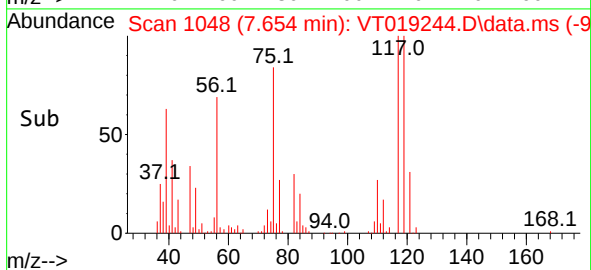
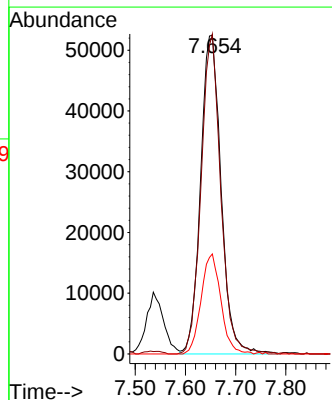
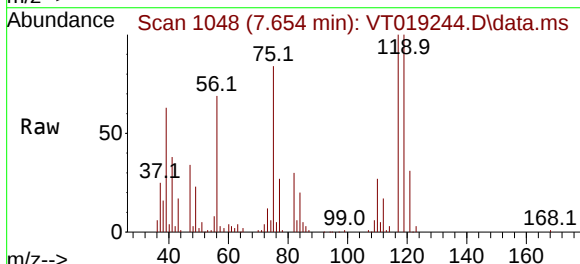
Tgt Ion: 117 Resp: 148954

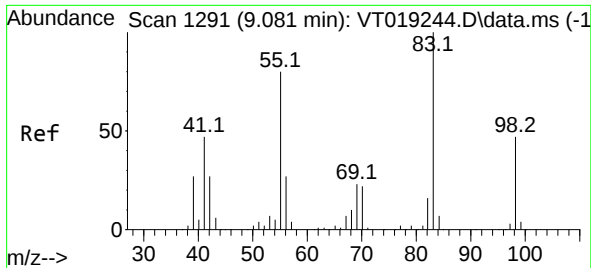
Ion Ratio Lower Upper

117 100

119 100.1 80.1 120.1

121 31.4 25.1 37.7





#39

Methylcyclohexane

Concen: 46.573 ug/l

RT: 9.081 min Scan# 1291

Delta R.T. 0.000 min

Lab File: VT019244.D

Acq: 8 Dec 2025 11:28

Instrument :

MSVOA_T

ClientSampleId :

VSTDICCC050

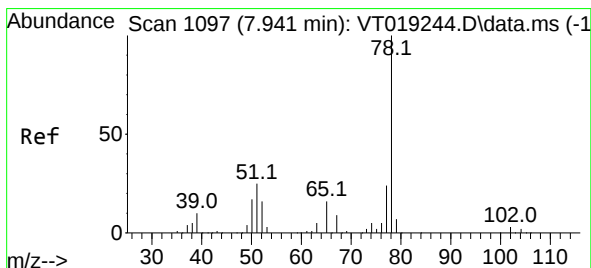
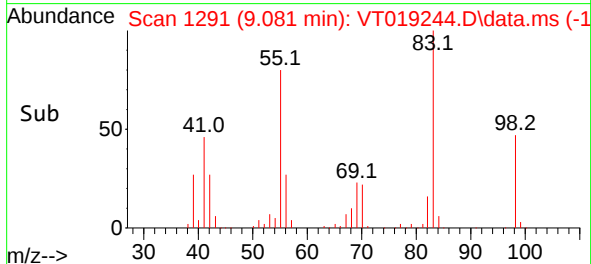
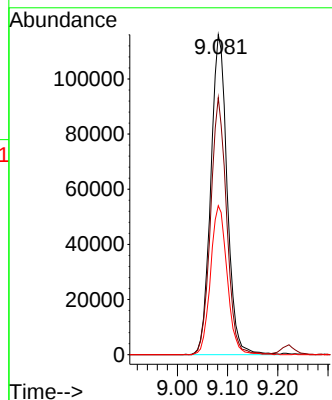
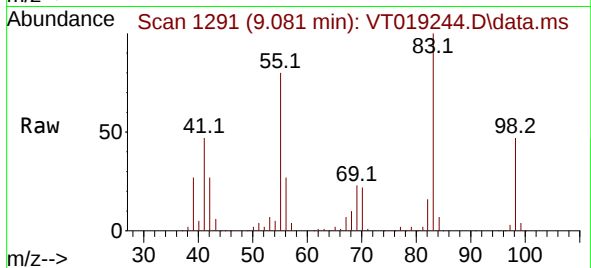
Tgt Ion: 83 Resp: 263313

Ion Ratio Lower Upper

83 100

55 80.3 64.2 96.4

98 46.5 37.2 55.8



#40

Benzene

Concen: 46.381 ug/l

RT: 7.941 min Scan# 1097

Delta R.T. 0.000 min

Lab File: VT019244.D

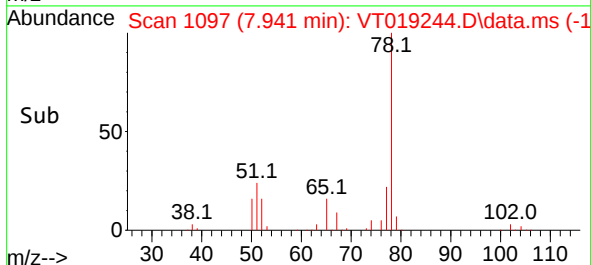
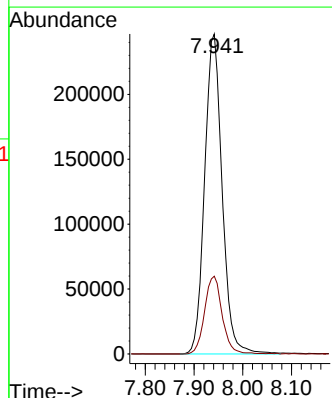
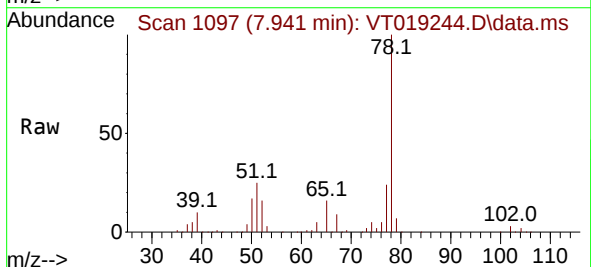
Acq: 8 Dec 2025 11:28

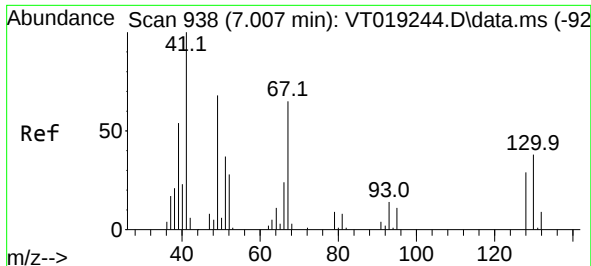
Tgt Ion: 78 Resp: 613106

Ion Ratio Lower Upper

78 100

77 24.3 19.4 29.2



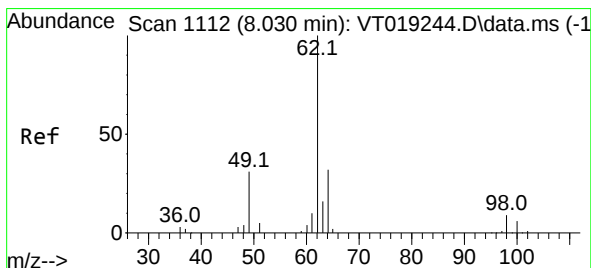
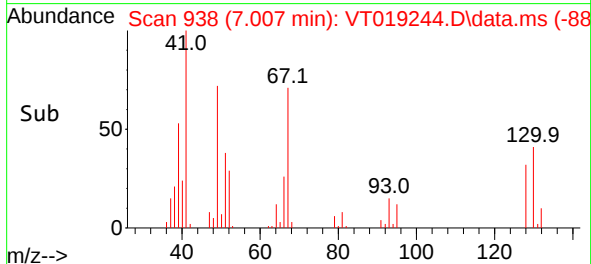
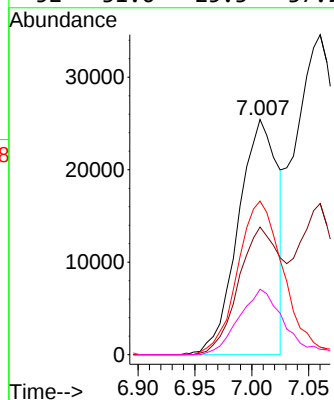
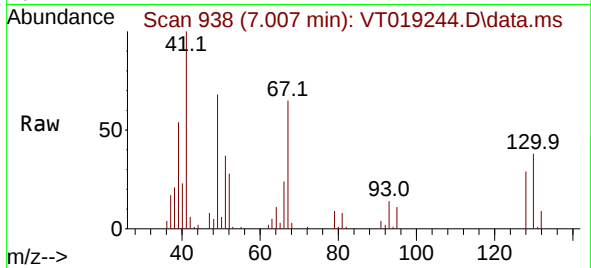


#41
Methacrylonitrile
Concen: 51.766 ug/l
RT: 7.007 min Scan# 91
Delta R.T. 0.000 min
Lab File: VT019244.D
Acq: 8 Dec 2025 11:28

Instrument :
MSVOA_T
ClientSampleId :
VSTDICCC050

Tgt Ion: 41 Resp: 61499

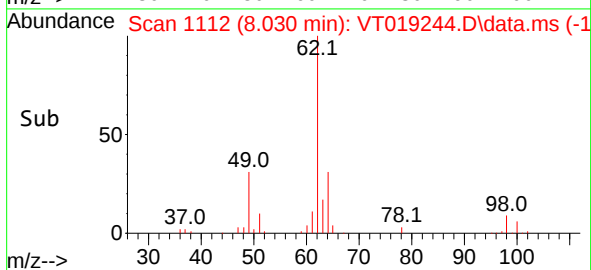
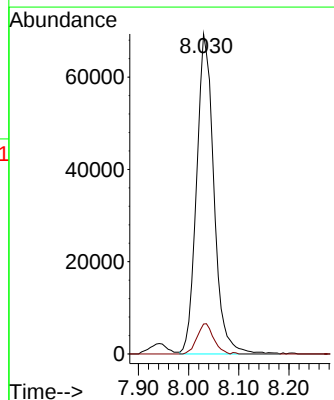
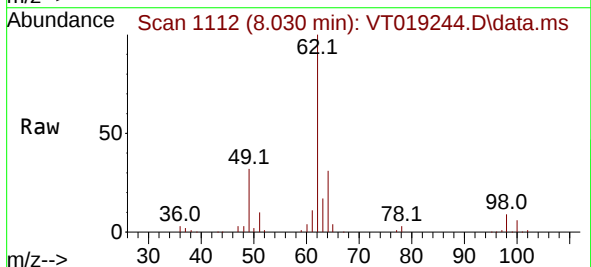
Ion	Ratio	Lower	Upper
41	100		
39	59.4	47.5	71.3
67	76.5	61.2	91.8
52	31.6	25.3	37.9

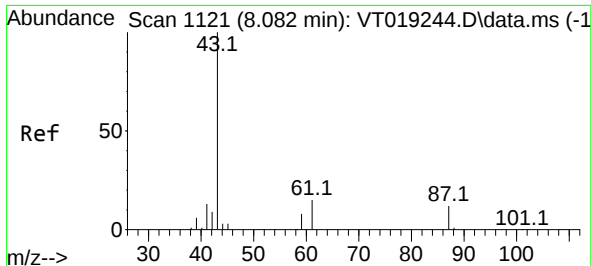


#42
1,2-Dichloroethane
Concen: 49.156 ug/l
RT: 8.030 min Scan# 1112
Delta R.T. 0.000 min
Lab File: VT019244.D
Acq: 8 Dec 2025 11:28

Tgt Ion: 62 Resp: 166498

Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	18.0

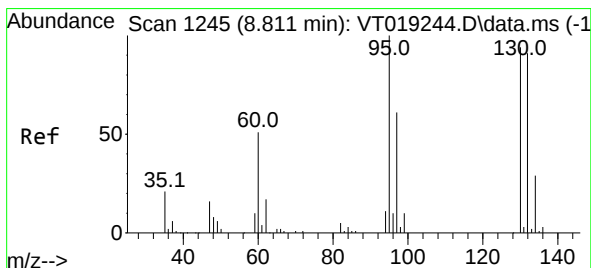
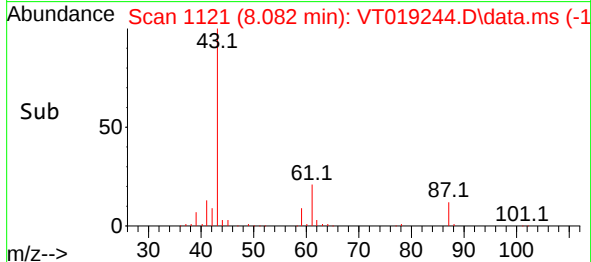
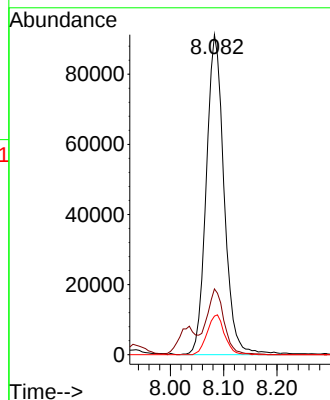
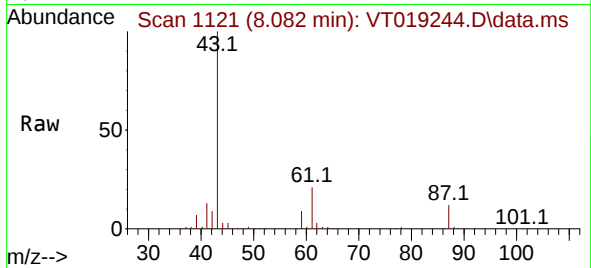




#43
Isopropyl Acetate
Concen: 52.171 ug/l
RT: 8.082 min Scan# 1121
Delta R.T. 0.000 min
Lab File: VT019244.D
Acq: 8 Dec 2025 11:28

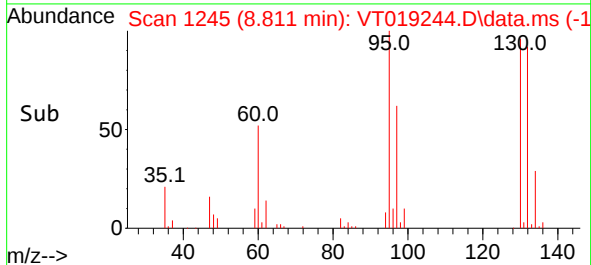
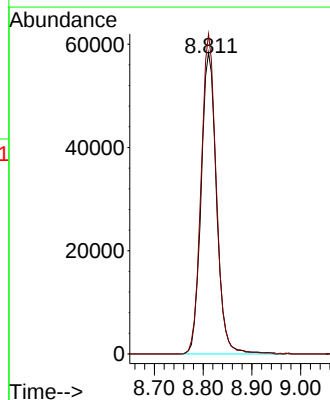
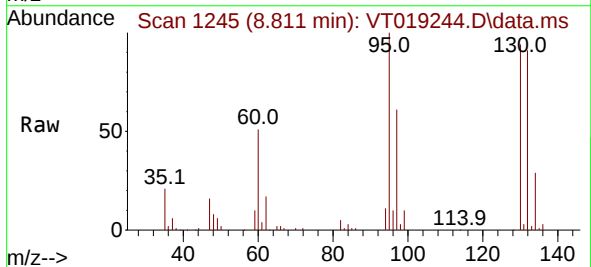
Instrument :
MSVOA_T
ClientSampleId :
VSTDICCC050

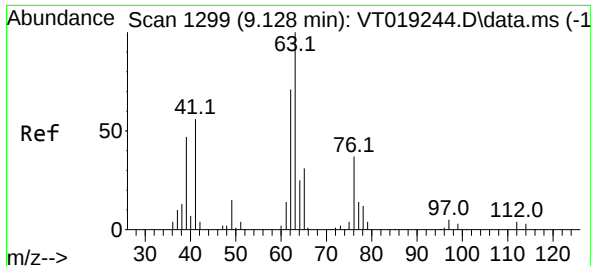
Tgt Ion: 43 Resp: 211352
Ion Ratio Lower Upper
43 100
61 19.9 15.9 23.9
87 12.2 9.8 14.6



#44
Trichloroethene
Concen: 46.152 ug/l
RT: 8.811 min Scan# 1245
Delta R.T. 0.000 min
Lab File: VT019244.D
Acq: 8 Dec 2025 11:28

Tgt Ion: 130 Resp: 128287
Ion Ratio Lower Upper
130 100
95 106.1 0.0 212.2

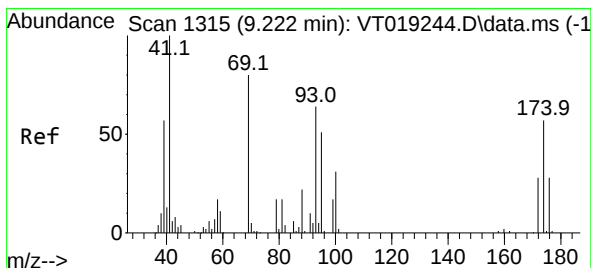
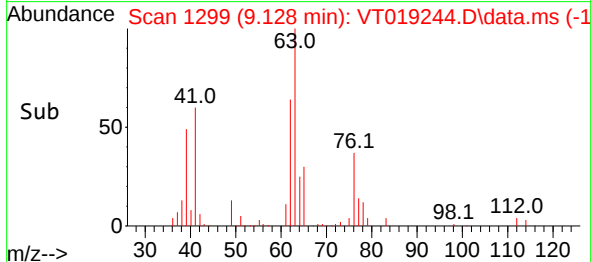
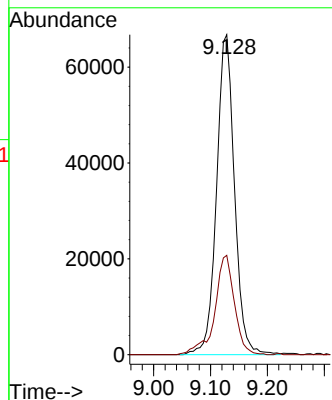
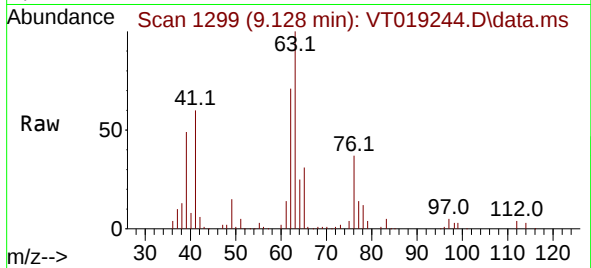




#45
1,2-Dichloropropane
Concen: 47.591 ug/l
RT: 9.128 min Scan# 1299
Delta R.T. 0.000 min
Lab File: VT019244.D
Acq: 8 Dec 2025 11:28

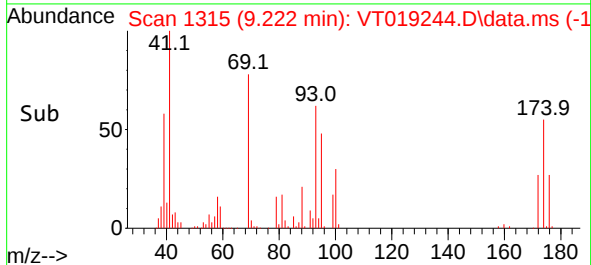
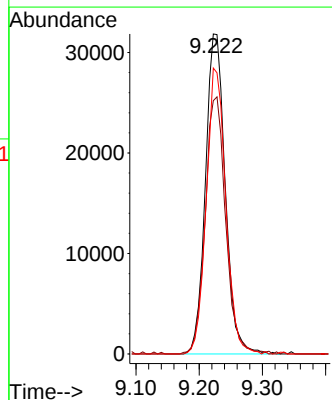
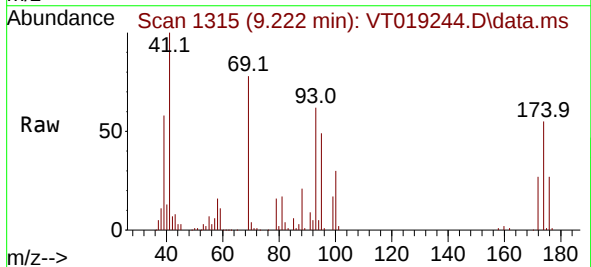
Instrument :
MSVOA_T
ClientSampleId :
VSTDICCC050

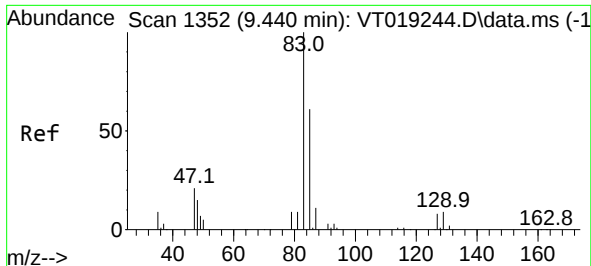
Tgt Ion: 63 Resp: 146424
Ion Ratio Lower Upper
63 100
65 30.8 24.6 37.0



#46
Dibromomethane
Concen: 49.402 ug/l
RT: 9.222 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VT019244.D
Acq: 8 Dec 2025 11:28

Tgt Ion: 93 Resp: 69154
Ion Ratio Lower Upper
93 100
95 83.2 66.6 99.8
174 88.2 70.6 105.8

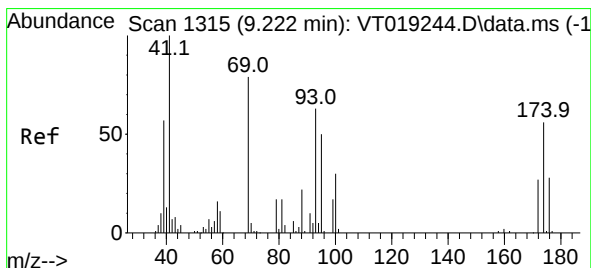
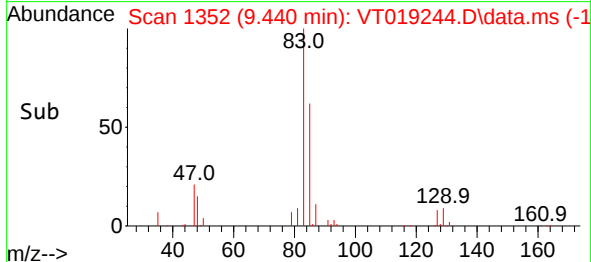
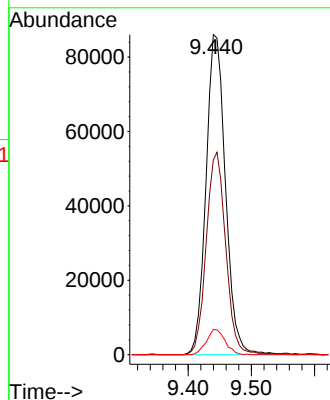
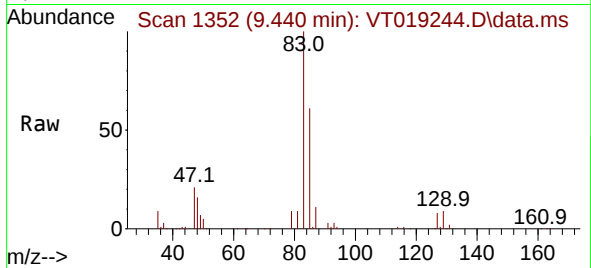




#47
Bromodichloromethane
Concen: 48.854 ug/l
RT: 9.440 min Scan# 1352
Delta R.T. 0.000 min
Lab File: VT019244.D
Acq: 8 Dec 2025 11:28

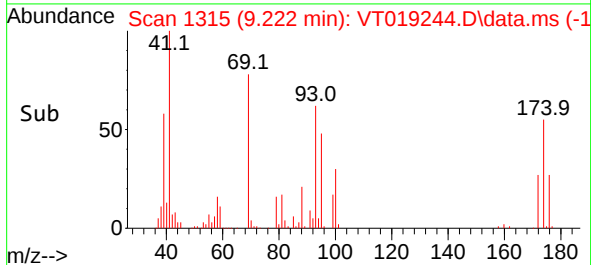
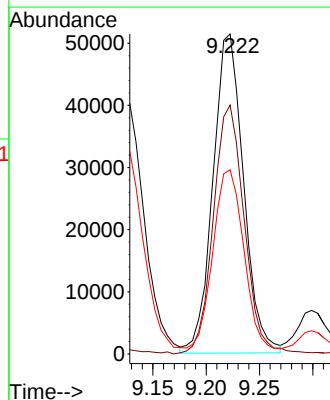
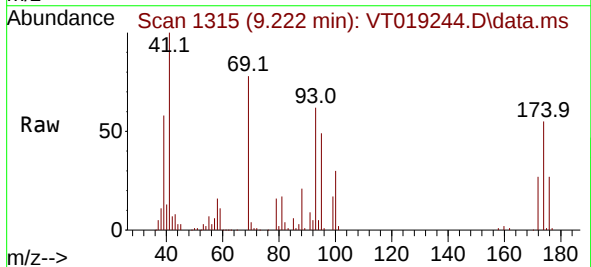
Instrument :
MSVOA_T
ClientSampleId :
VSTDICCC050

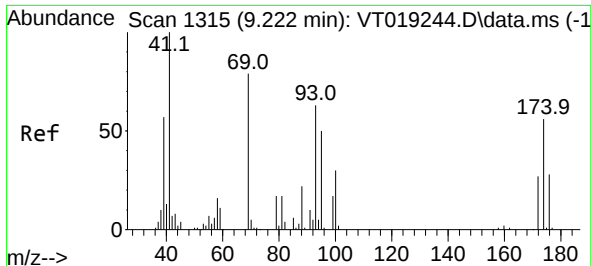
Tgt Ion: 83 Resp: 184305
Ion Ratio Lower Upper
83 100
85 60.8 48.6 73.0
127 7.9 6.3 9.5



#48
Methyl methacrylate
Concen: 52.994 ug/l
RT: 9.222 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VT019244.D
Acq: 8 Dec 2025 11:28

Tgt Ion: 41 Resp: 102431
Ion Ratio Lower Upper
41 100
69 79.0 63.2 94.8
39 59.9 47.9 71.9

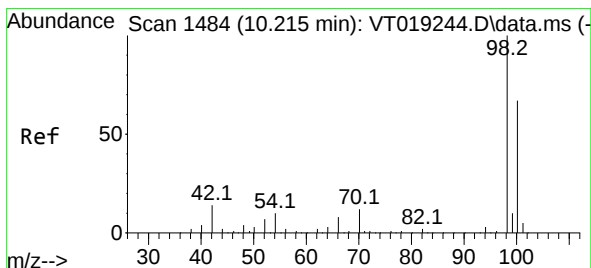
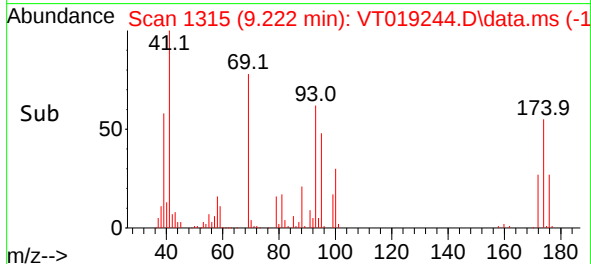
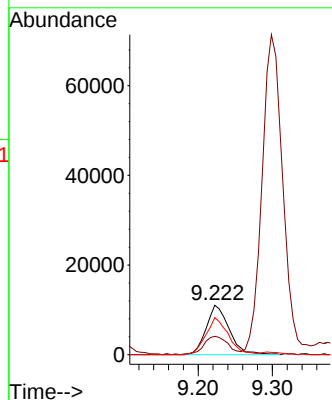
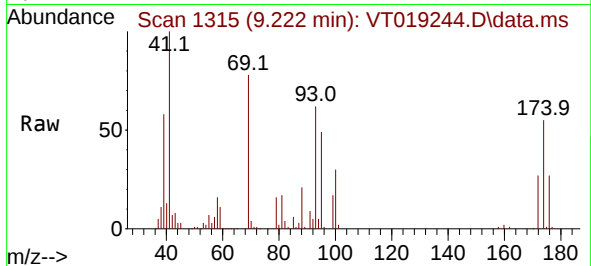




#49
1,4-Dioxane
Concen: 948.712 ug/l
RT: 9.222 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VT019244.D
Acq: 8 Dec 2025 11:28

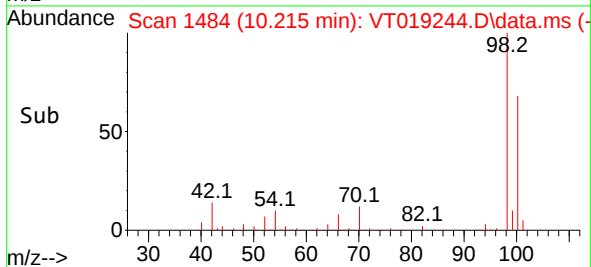
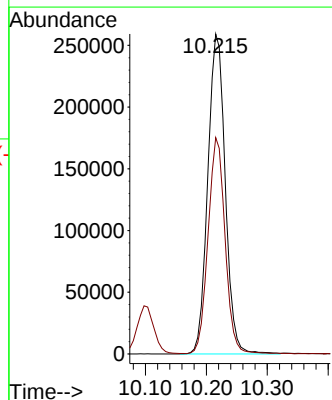
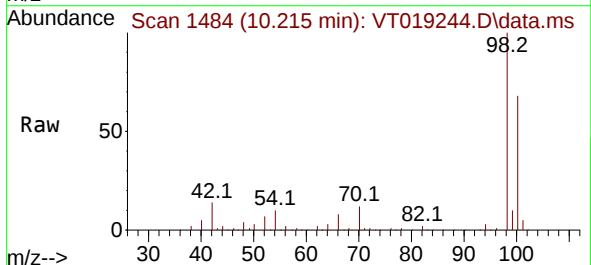
Instrument :
MSVOA_T
ClientSampleId :
VSTDICCC050

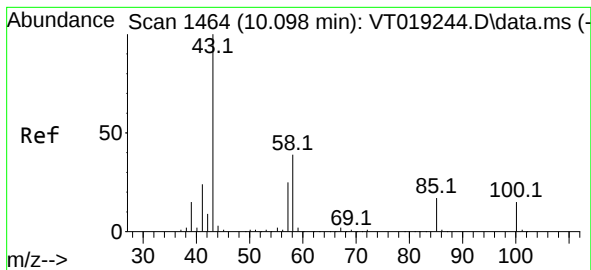
Tgt Ion: 88 Resp: 23742
Ion Ratio Lower Upper
88 100
43 39.2 31.4 47.0
58 73.2 58.6 87.8



#50
Toluene-d8
Concen: 48.836 ug/l
RT: 10.215 min Scan# 1484
Delta R.T. 0.000 min
Lab File: VT019244.D
Acq: 8 Dec 2025 11:28

Tgt Ion: 98 Resp: 515853
Ion Ratio Lower Upper
98 100
100 66.0 52.8 79.2

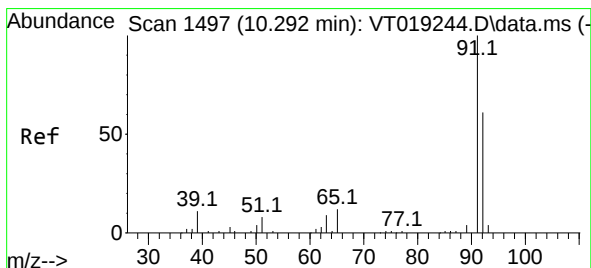
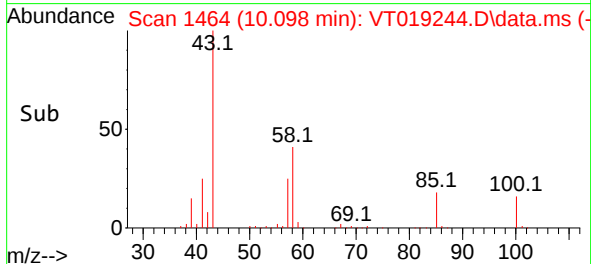
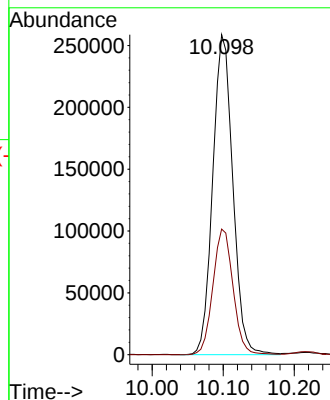
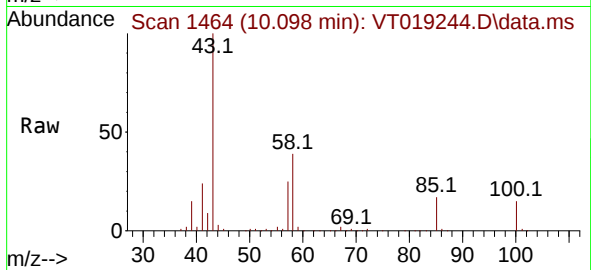




#51
4-Methyl-2-Pentanone
Concen: 254.114 ug/l
RT: 10.098 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VT019244.D
Acq: 8 Dec 2025 11:28

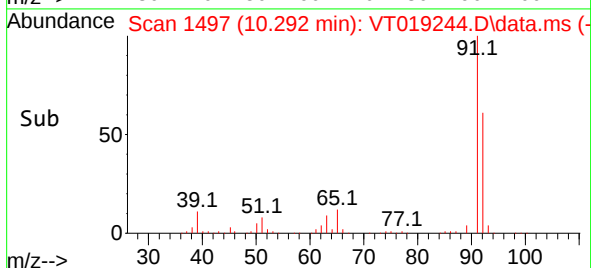
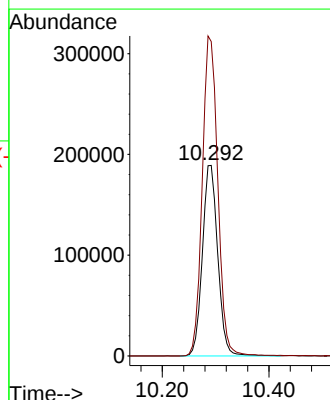
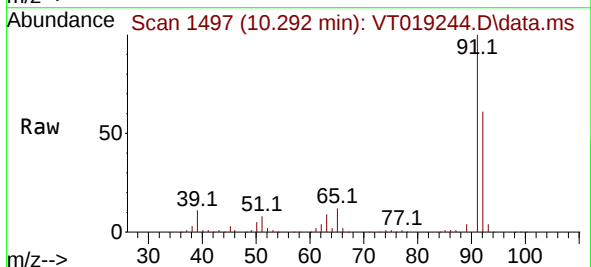
Instrument :
MSVOA_T
ClientSampleId :
VSTDICCC050

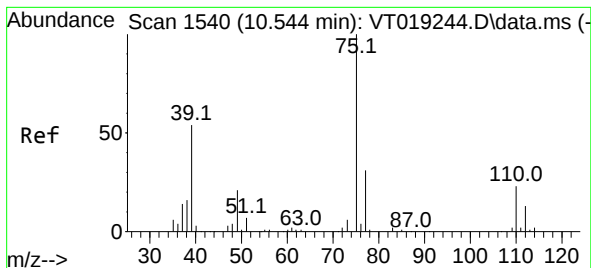
Tgt Ion: 43 Resp: 507531
Ion Ratio Lower Upper
43 100
58 39.4 31.5 47.3



#52
Toluene
Concen: 47.540 ug/l
RT: 10.292 min Scan# 1497
Delta R.T. 0.000 min
Lab File: VT019244.D
Acq: 8 Dec 2025 11:28

Tgt Ion: 92 Resp: 377376
Ion Ratio Lower Upper
92 100
91 169.6 135.7 203.5

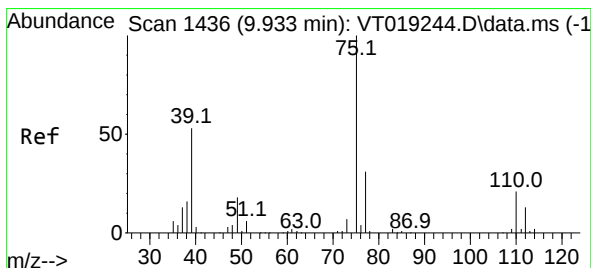
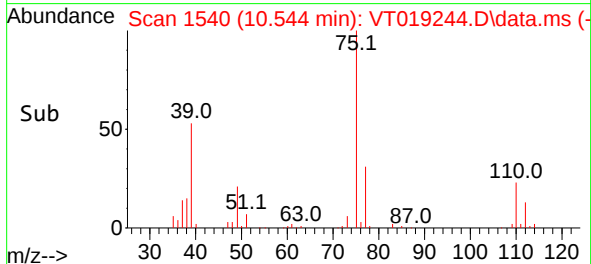
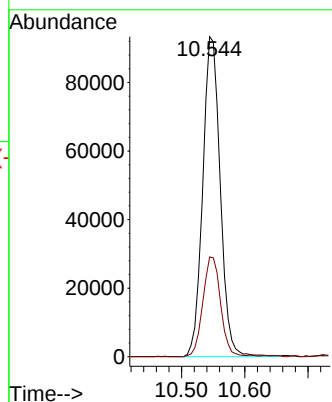
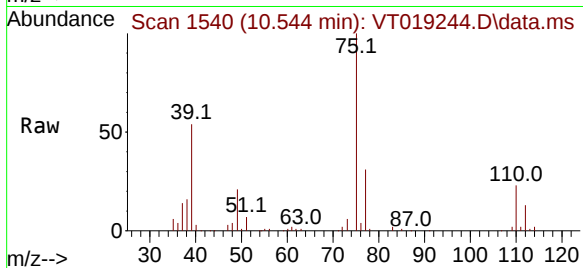




#53
 t-1,3-Dichloropropene
 Concen: 52.495 ug/l
 RT: 10.544 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VT019244.D
 Acq: 8 Dec 2025 11:28

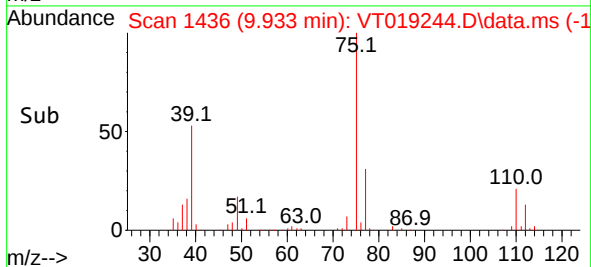
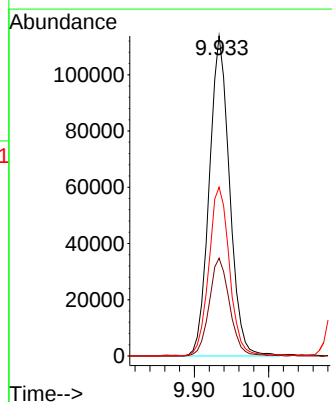
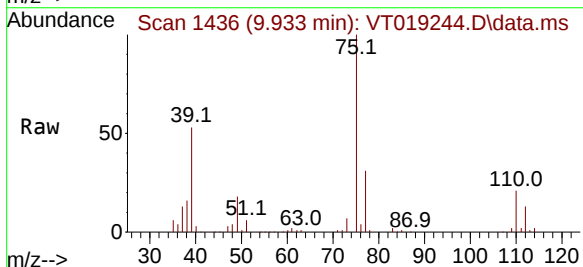
Instrument :
 MSVOA_T
 ClientSampleId :
 VSTDICCC050

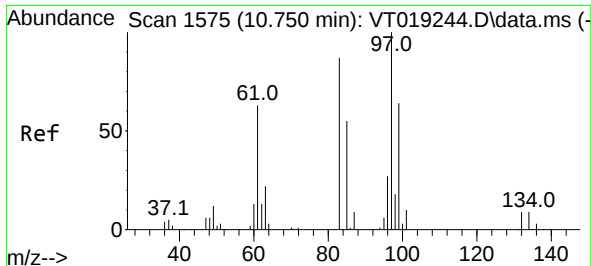
Tgt Ion: 75 Resp: 179558
 Ion Ratio Lower Upper
 75 100
 77 31.2 25.0 37.4



#54
 cis-1,3-Dichloropropene
 Concen: 50.010 ug/l
 RT: 9.933 min Scan# 1436
 Delta R.T. 0.000 min
 Lab File: VT019244.D
 Acq: 8 Dec 2025 11:28

Tgt Ion: 75 Resp: 216411
 Ion Ratio Lower Upper
 75 100
 77 30.6 24.5 36.7
 39 52.6 42.1 63.1



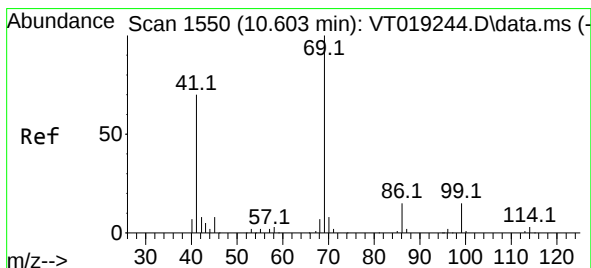
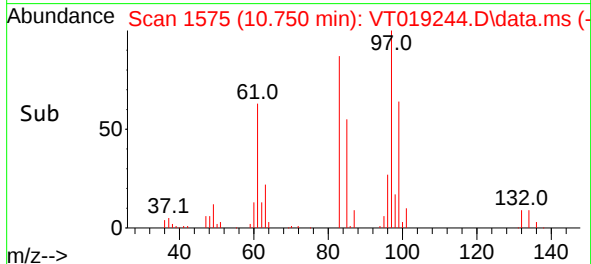
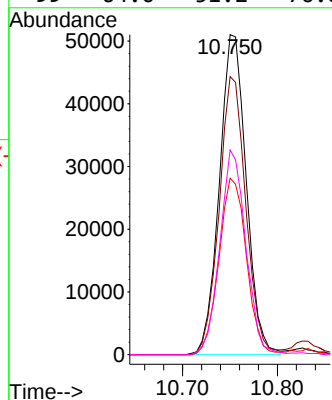
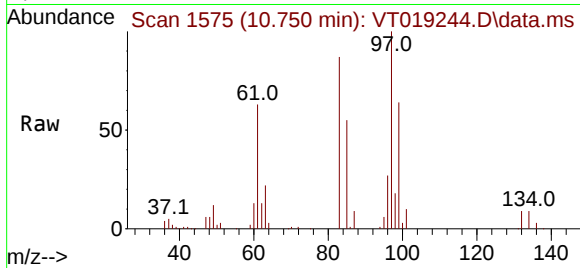


#55
1,1,2-Trichloroethane
Concen: 50.130 ug/l
RT: 10.750 min Scan# 1575
Delta R.T. 0.000 min
Lab File: VT019244.D
Acq: 8 Dec 2025 11:28

Instrument :
MSVOA_T
ClientSampleId :
VSTDICCC050

Tgt Ion: 97 Resp: 100434

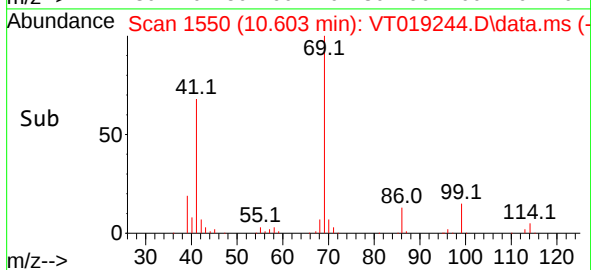
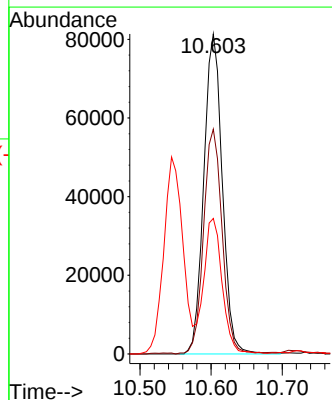
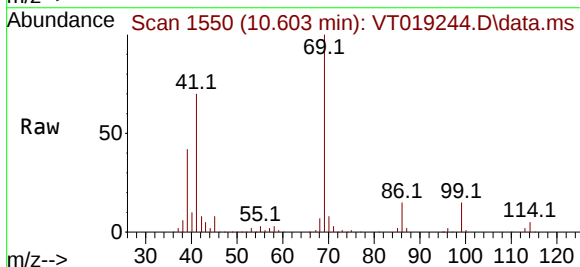
Ion	Ratio	Lower	Upper
97	100		
83	86.9	69.5	104.3
85	55.2	44.2	66.2
99	64.0	51.2	76.8

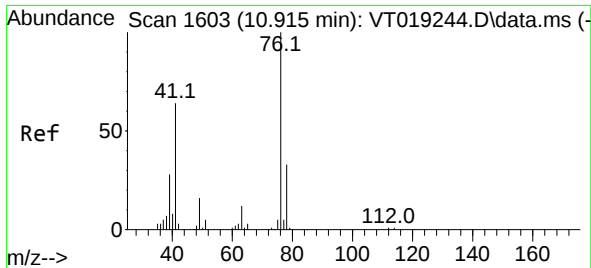


#56
Ethyl methacrylate
Concen: 54.644 ug/l
RT: 10.603 min Scan# 1550
Delta R.T. 0.000 min
Lab File: VT019244.D
Acq: 8 Dec 2025 11:28

Tgt Ion: 69 Resp: 147555

Ion	Ratio	Lower	Upper
69	100		
41	70.6	56.5	84.7
39	43.0	34.4	51.6

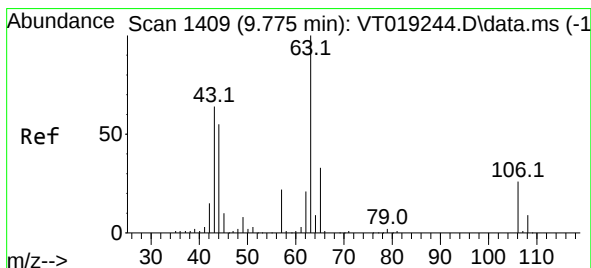
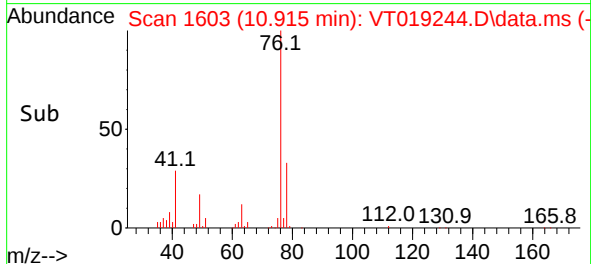
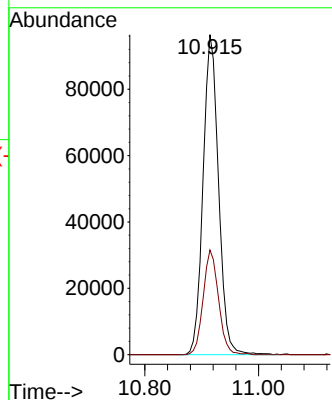
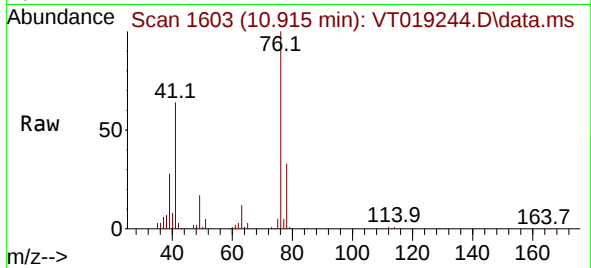




#57
1,3-Dichloropropane
Concen: 49.081 ug/l
RT: 10.915 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VT019244.D
Acq: 8 Dec 2025 11:28

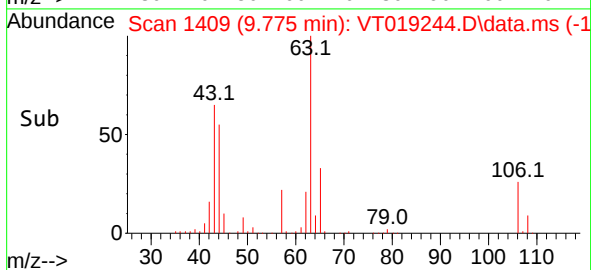
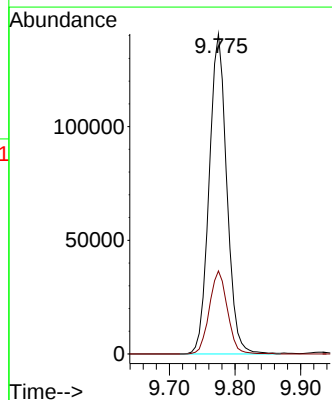
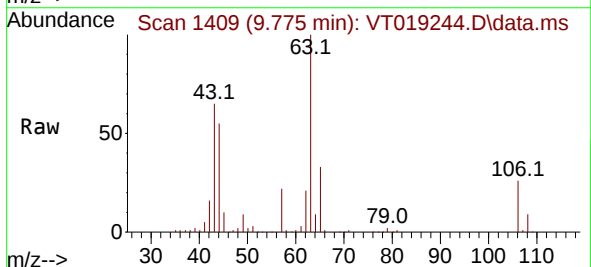
Instrument :
MSVOA_T
ClientSampleId :
VSTDICCC050

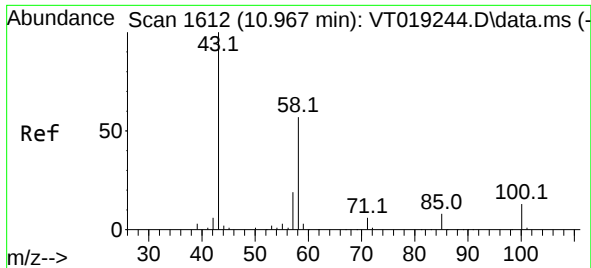
Tgt Ion: 76 Resp: 181842
Ion Ratio Lower Upper
76 100
78 32.4 25.9 38.9



#58
2-Chloroethyl Vinyl ether
Concen: 60.121 ug/l
RT: 9.775 min Scan# 1409
Delta R.T. 0.000 min
Lab File: VT019244.D
Acq: 8 Dec 2025 11:28

Tgt Ion: 63 Resp: 263174
Ion Ratio Lower Upper
63 100
106 26.5 21.2 31.8

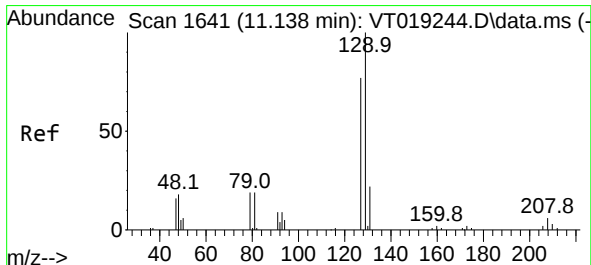
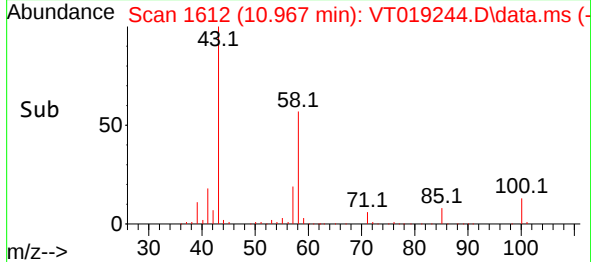
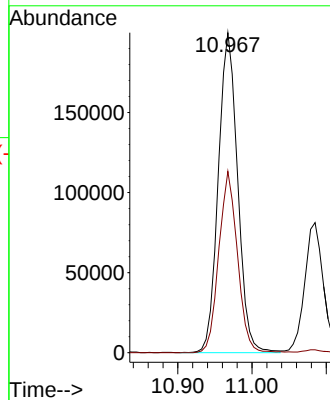
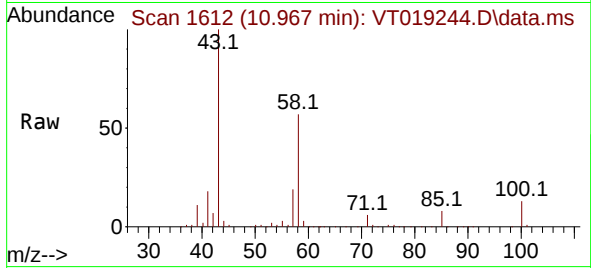




#59
2-Hexanone
Concen: 225.371 ug/l
RT: 10.967 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VT019244.D
Acq: 8 Dec 2025 11:28

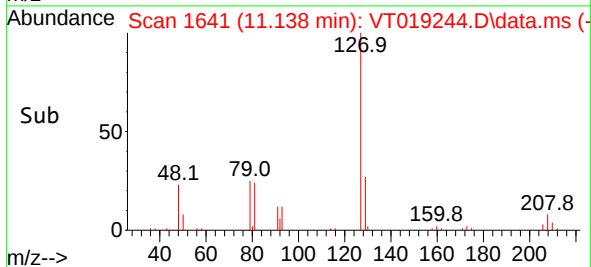
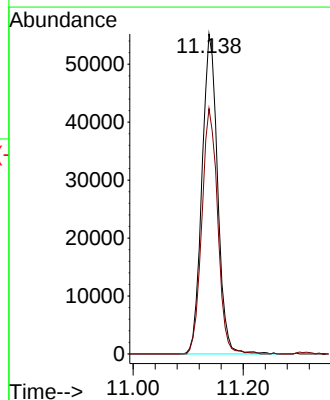
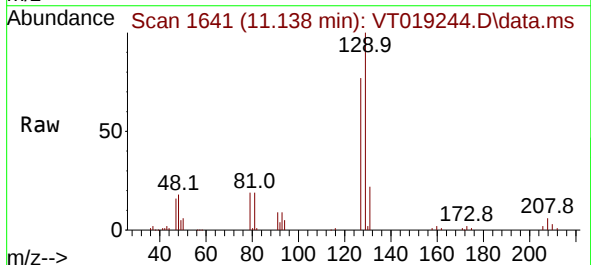
Instrument :
MSVOA_T
ClientSampleId :
VSTDICCC050

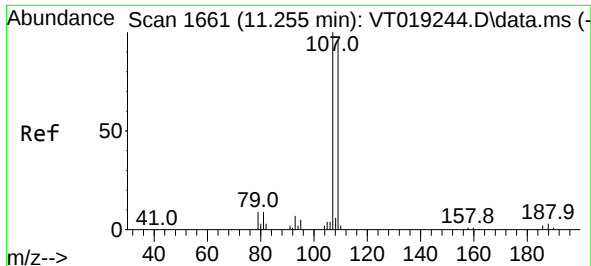
Tgt Ion: 43 Resp: 361744
Ion Ratio Lower Upper
43 100
58 54.7 27.4 82.0



#60
Dibromochloromethane
Concen: 51.543 ug/l
RT: 11.138 min Scan# 1641
Delta R.T. 0.000 min
Lab File: VT019244.D
Acq: 8 Dec 2025 11:28

Tgt Ion: 129 Resp: 108525
Ion Ratio Lower Upper
129 100
127 77.8 38.9 116.7

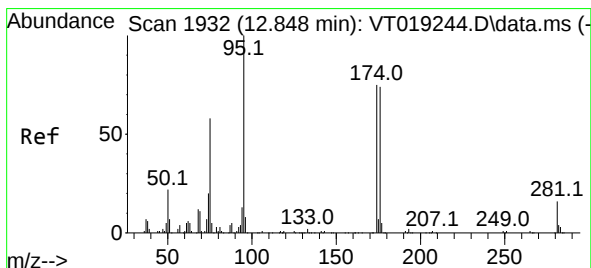
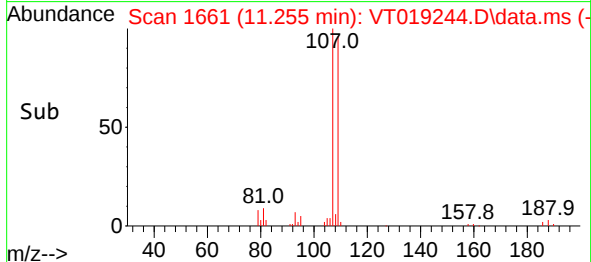
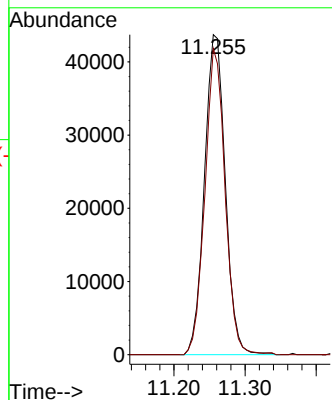
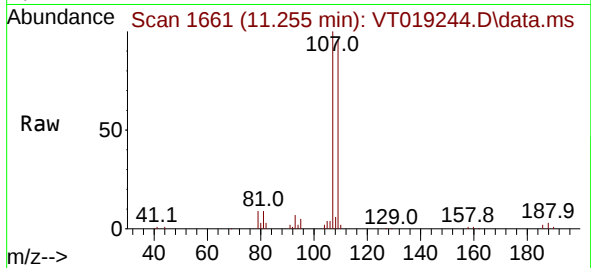




#61
1,2-Dibromoethane
Concen: 52.780 ug/l
RT: 11.255 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VT019244.D
Acq: 8 Dec 2025 11:28

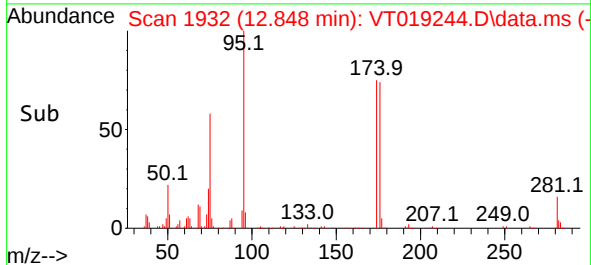
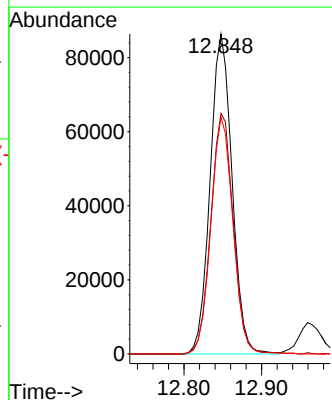
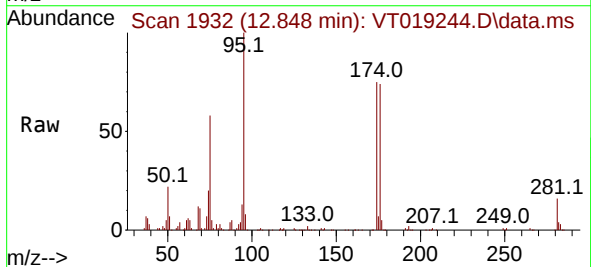
Instrument :
MSVOA_T
ClientSampleId :
VSTDICCC050

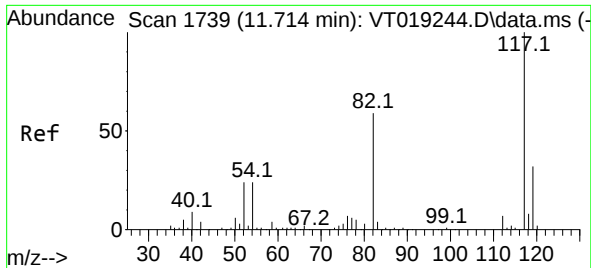
Tgt Ion:107 Resp: 89023
Ion Ratio Lower Upper
107 100
109 92.7 74.2 111.2



#62
4-Bromofluorobenzene
Concen: 54.752 ug/l
RT: 12.848 min Scan# 1932
Delta R.T. 0.000 min
Lab File: VT019244.D
Acq: 8 Dec 2025 11:28

Tgt Ion: 95 Resp: 169607
Ion Ratio Lower Upper
95 100
174 77.2 0.0 154.4
176 74.6 0.0 149.2

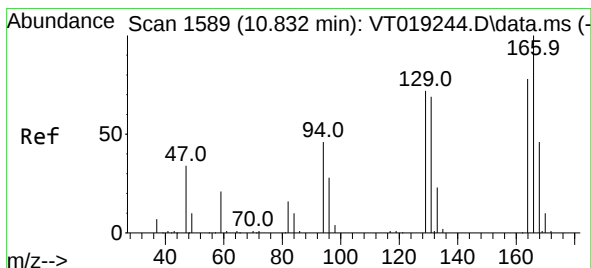
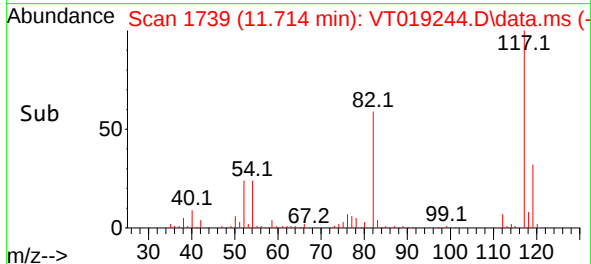
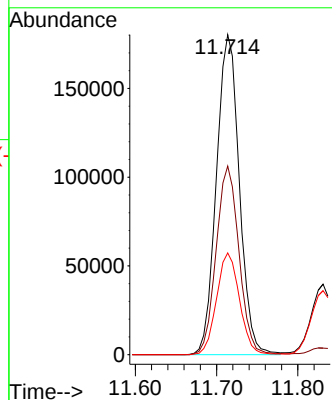
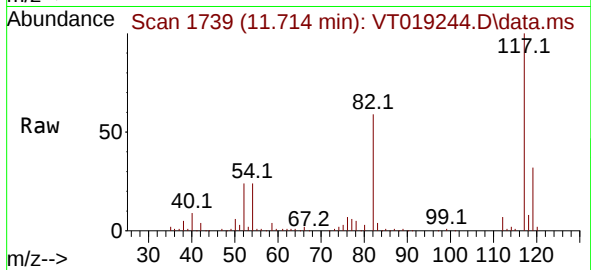




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.714 min Scan# 117
Delta R.T. 0.000 min
Lab File: VT019244.D
Acq: 8 Dec 2025 11:28

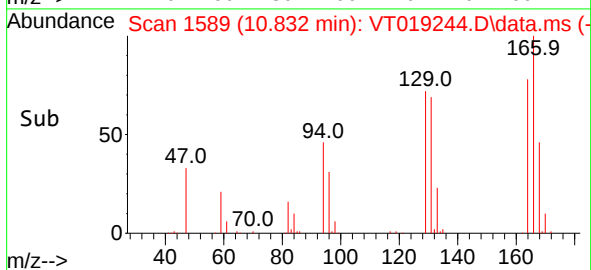
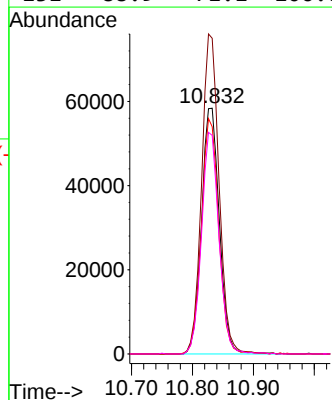
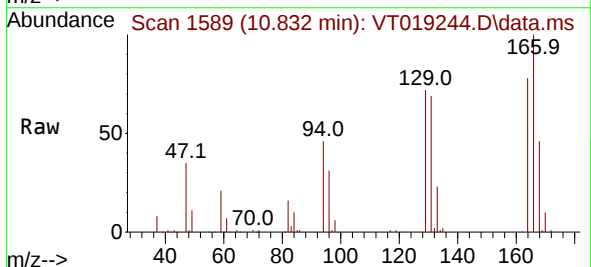
Instrument :
MSVOA_T
ClientSampleId :
VSTDICCC050

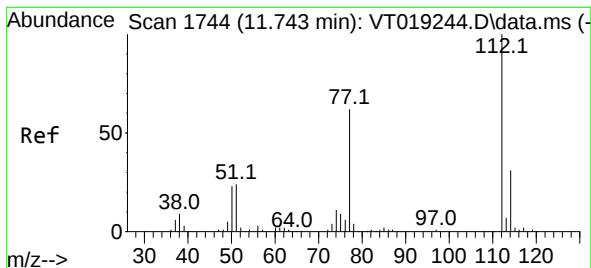
Tgt Ion:117 Resp: 353520
Ion Ratio Lower Upper
117 100
82 58.9 47.1 70.7
119 31.8 25.4 38.2



#64
Tetrachloroethene
Concen: 44.881 ug/l
RT: 10.832 min Scan# 1589
Delta R.T. 0.000 min
Lab File: VT019244.D
Acq: 8 Dec 2025 11:28

Tgt Ion:164 Resp: 118842
Ion Ratio Lower Upper
164 100
166 128.4 102.7 154.1
129 92.5 74.0 111.0
131 88.9 71.1 106.7

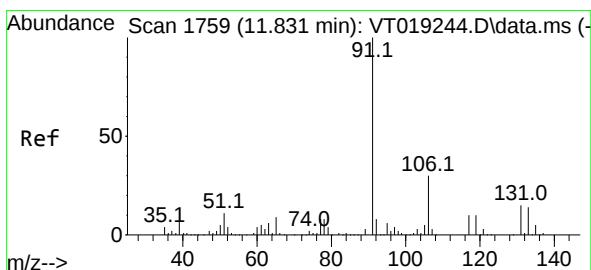
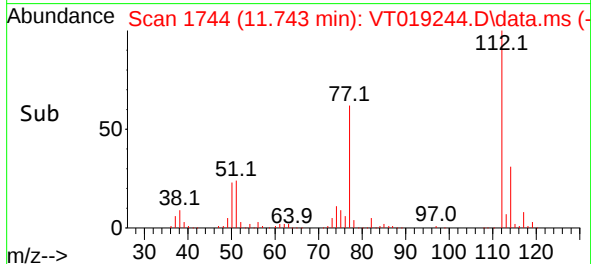
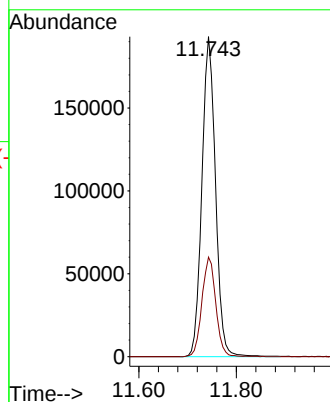
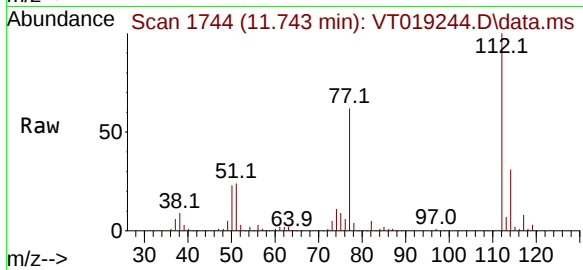




#65
Chlorobenzene
Concen: 46.050 ug/l
RT: 11.743 min Scan# 1744
Delta R.T. 0.000 min
Lab File: VT019244.D
Acq: 8 Dec 2025 11:28

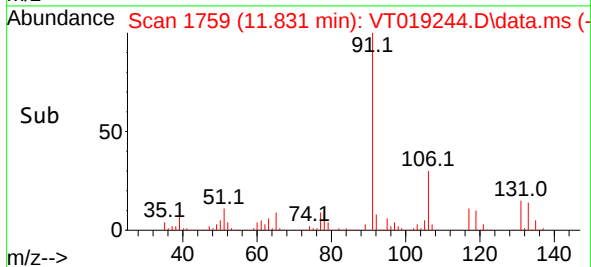
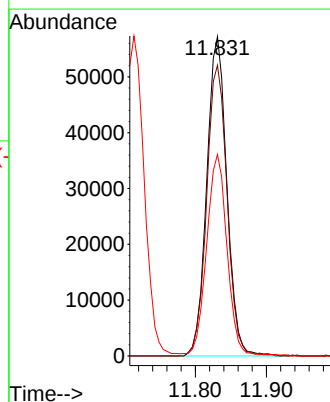
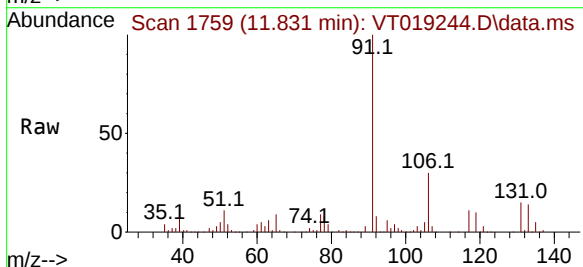
Instrument :
MSVOA_T
ClientSampleId :
VSTDICCC050

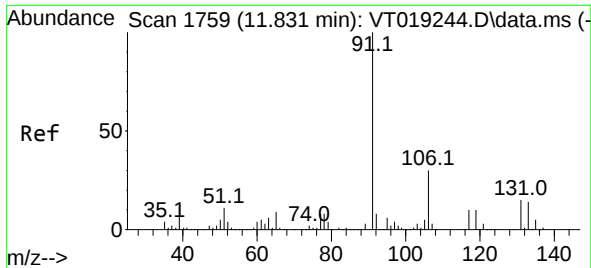
Tgt Ion:112 Resp: 372587
Ion Ratio Lower Upper
112 100
114 31.1 24.9 37.3



#66
1,1,1,2-Tetrachloroethane
Concen: 48.465 ug/l
RT: 11.831 min Scan# 1759
Delta R.T. 0.000 min
Lab File: VT019244.D
Acq: 8 Dec 2025 11:28

Tgt Ion:131 Resp: 112277
Ion Ratio Lower Upper
131 100
133 93.0 46.5 139.5
119 64.5 32.3 96.8

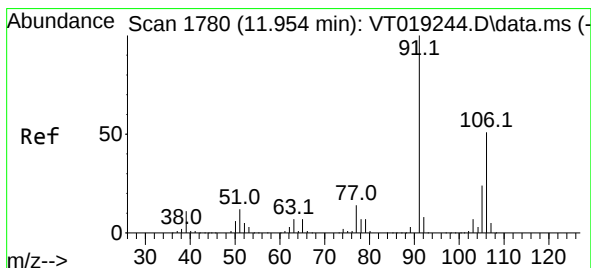
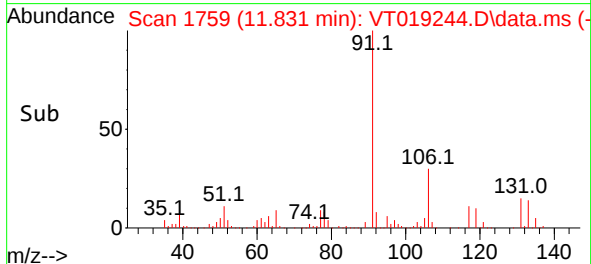
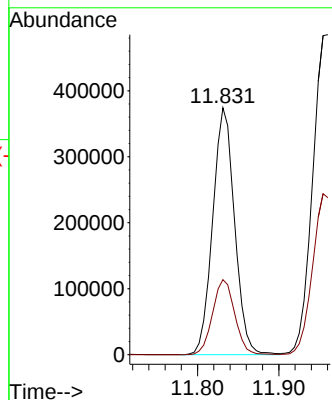
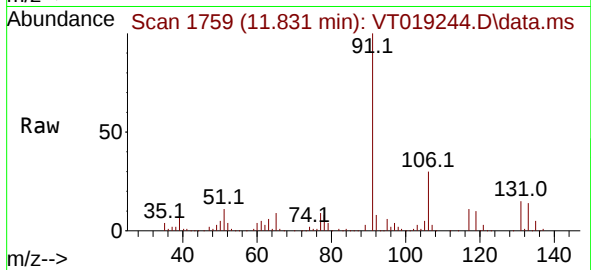




#67
Ethyl Benzene
Concen: 44.958 ug/l
RT: 11.831 min Scan# 1759
Delta R.T. 0.000 min
Lab File: VT019244.D
Acq: 8 Dec 2025 11:28

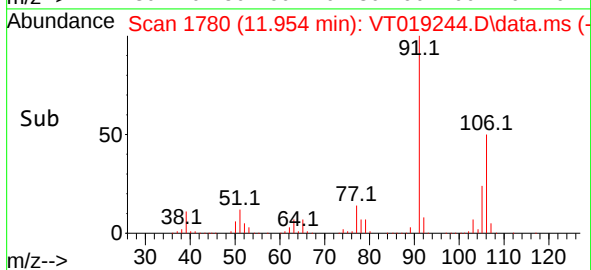
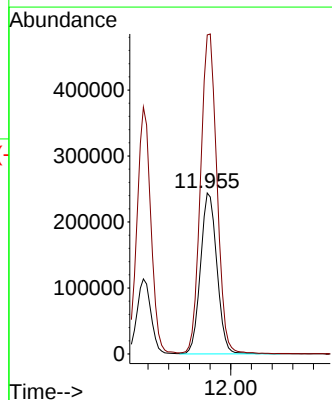
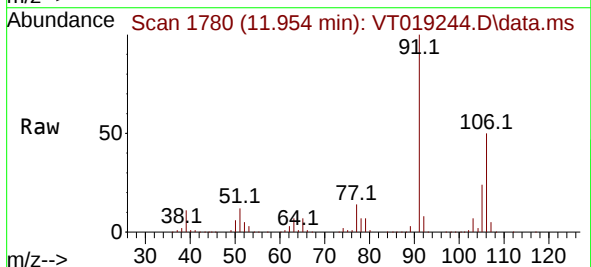
Instrument :
MSVOA_T
ClientSampleId :
VSTDICCC050

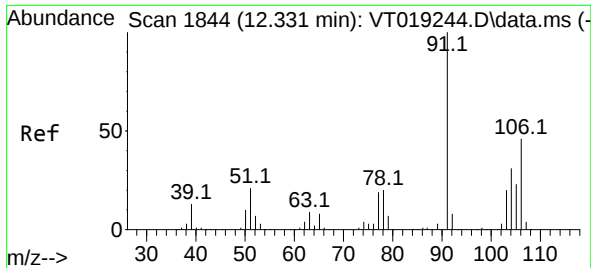
Tgt Ion: 91 Resp: 700207
Ion Ratio Lower Upper
91 100
106 30.4 24.3 36.5



#68
m/p-Xylenes
Concen: 89.353 ug/l
RT: 11.954 min Scan# 1780
Delta R.T. 0.000 min
Lab File: VT019244.D
Acq: 8 Dec 2025 11:28

Tgt Ion: 106 Resp: 535119
Ion Ratio Lower Upper
106 100
91 199.1 159.3 238.9

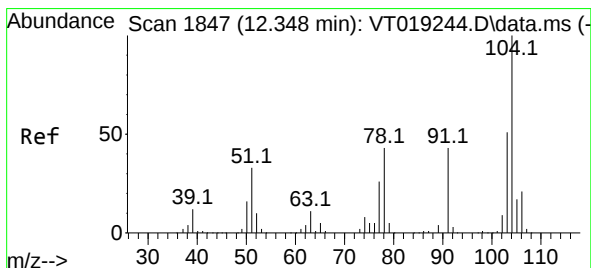
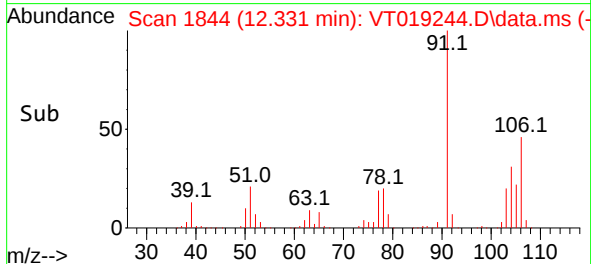
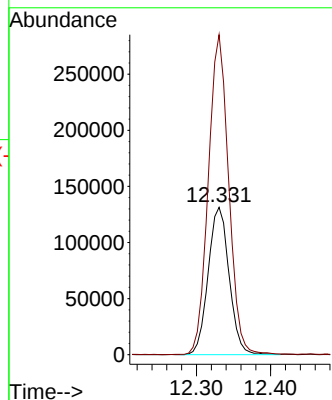
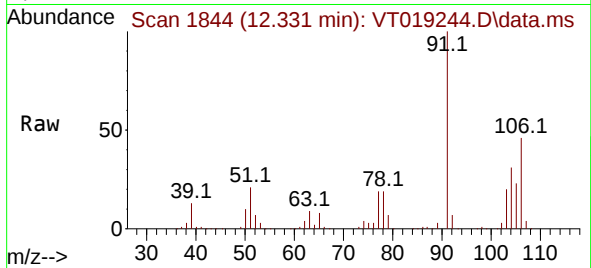




#69
o-Xylene
Concen: 45.554 ug/l
RT: 12.331 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VT019244.D
Acq: 8 Dec 2025 11:28

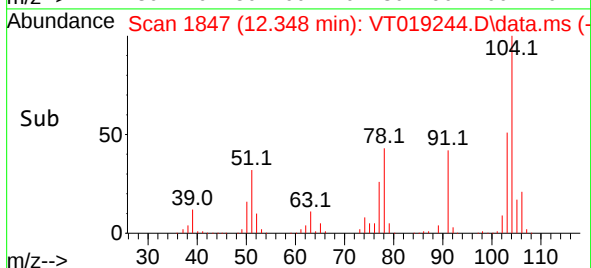
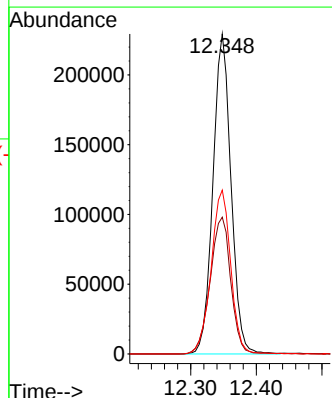
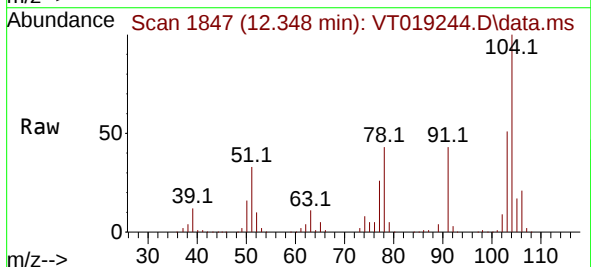
Instrument :
MSVOA_T
ClientSampleId :
VSTDICCC050

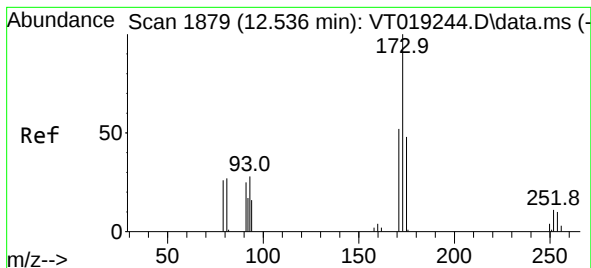
Tgt Ion:106 Resp: 258255
Ion Ratio Lower Upper
106 100
91 211.1 105.6 316.7



#70
Styrene
Concen: 46.229 ug/l
RT: 12.348 min Scan# 1847
Delta R.T. 0.000 min
Lab File: VT019244.D
Acq: 8 Dec 2025 11:28

Tgt Ion:104 Resp: 438117
Ion Ratio Lower Upper
104 100
78 48.9 39.1 58.7
103 55.5 44.4 66.6





#71

Bromoform

Concen: 53.145 ug/l

RT: 12.536 min Scan# 11

Delta R.T. 0.000 min

Lab File: VT019244.D

Acq: 8 Dec 2025 11:28

Instrument :

MSVOA_T

ClientSampleId :

VSTDICCC050

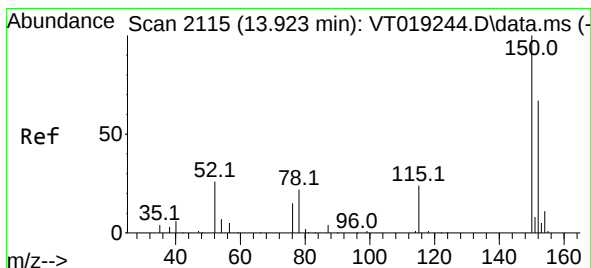
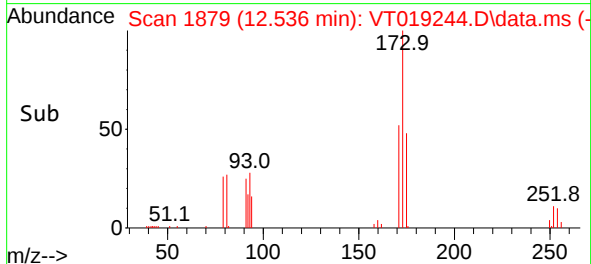
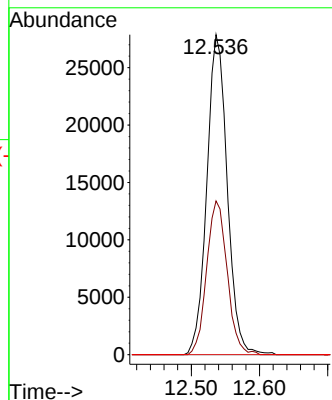
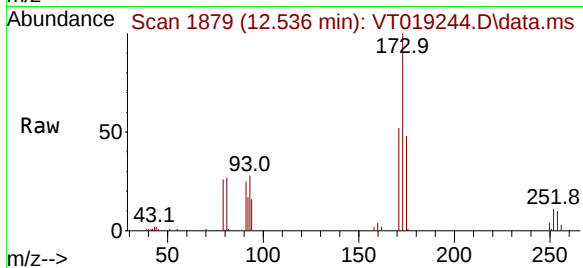
Tgt Ion:173 Resp: 58037

Ion Ratio Lower Upper

173 100

175 48.2 24.1 72.3

254 0.0 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: VT019244.D

Acq: 8 Dec 2025 11:28

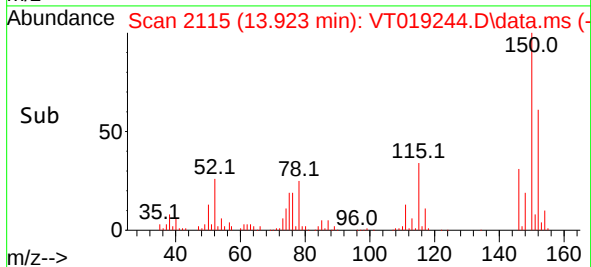
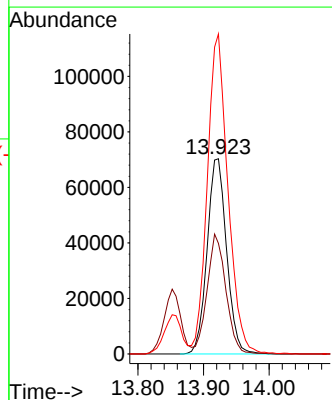
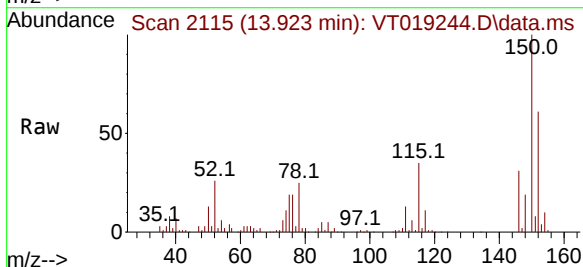
Tgt Ion:152 Resp: 145138

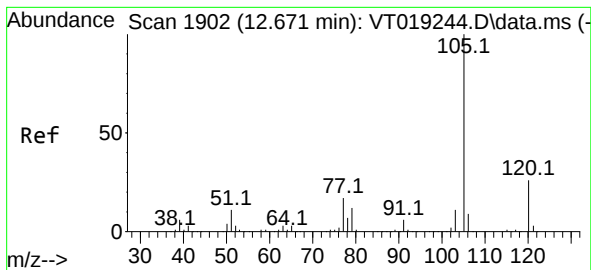
Ion Ratio Lower Upper

152 100

115 59.3 29.6 88.9

150 173.8 0.0 347.6





#73

Isopropylbenzene

Concen: 51.755 ug/l

RT: 12.671 min Scan# 1902

Delta R.T. 0.000 min

Lab File: VT019244.D

Acq: 8 Dec 2025 11:28

Instrument :

MSVOA_T

ClientSampleId :

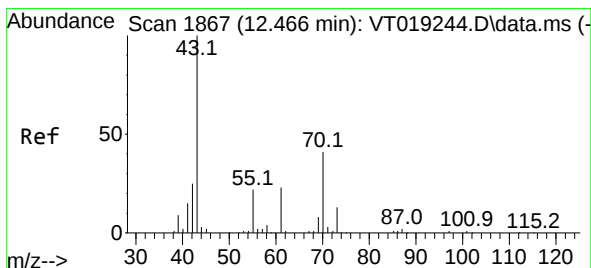
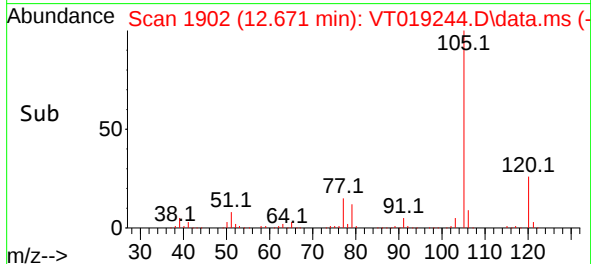
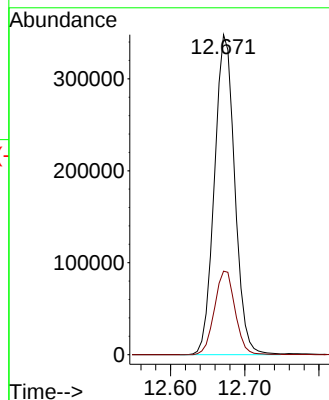
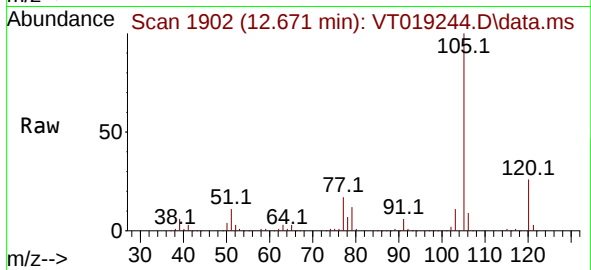
VSTDICCC050

Tgt Ion:105 Resp: 662636

Ion Ratio Lower Upper

105 100

120 26.5 13.3 39.8



#74

N-ethyl acetate

Concen: 59.547 ug/l

RT: 12.466 min Scan# 1867

Delta R.T. 0.000 min

Lab File: VT019244.D

Acq: 8 Dec 2025 11:28

Tgt Ion: 43 Resp: 140522

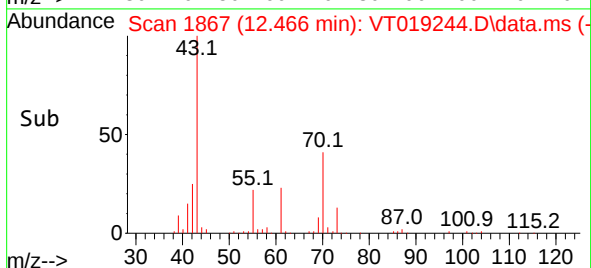
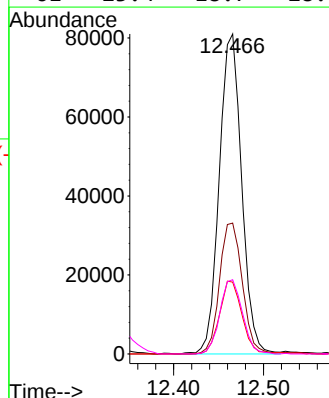
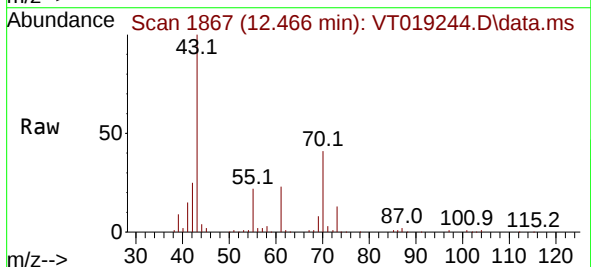
Ion Ratio Lower Upper

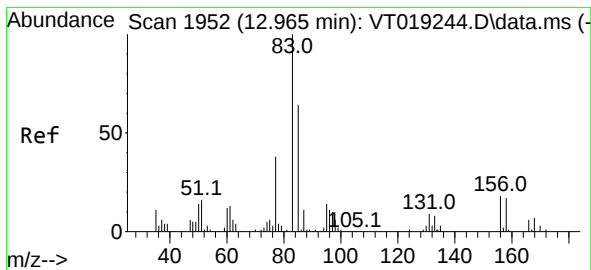
43 100

70 41.6 33.3 49.9

55 23.1 18.5 27.7

61 23.4 18.7 28.1

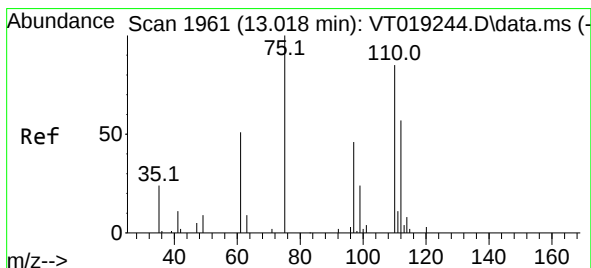
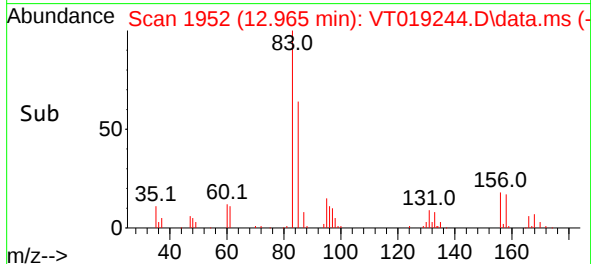
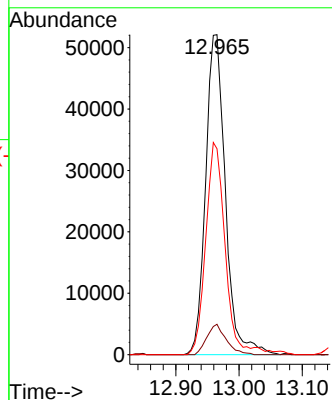
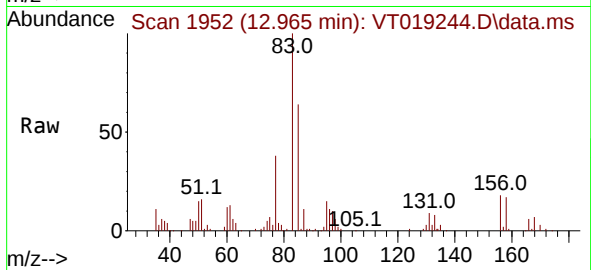




#75
 1,1,2,2-Tetrachloroethane
 Concen: 57.153 ug/l
 RT: 12.965 min Scan# 1952
 Delta R.T. 0.000 min
 Lab File: VT019244.D
 Acq: 8 Dec 2025 11:28

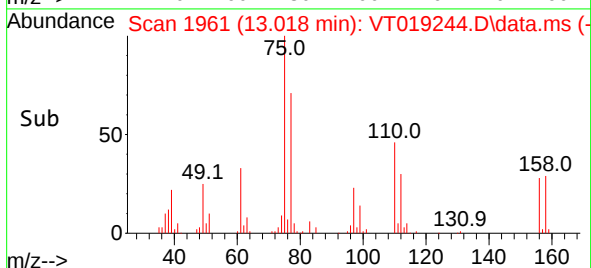
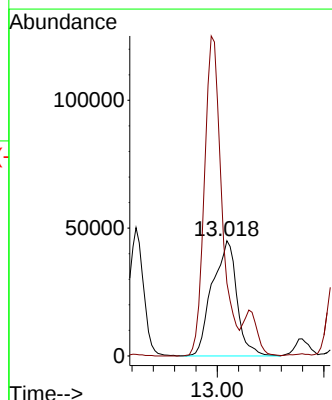
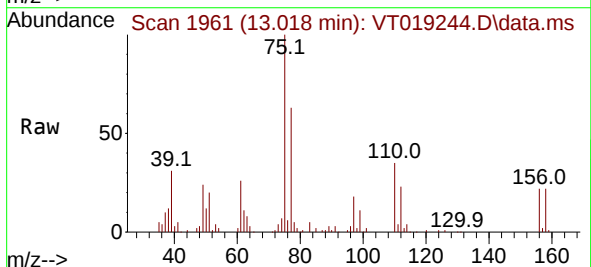
Instrument :
 MSVOA_T
 ClientSampleId :
 VSTDICCC050

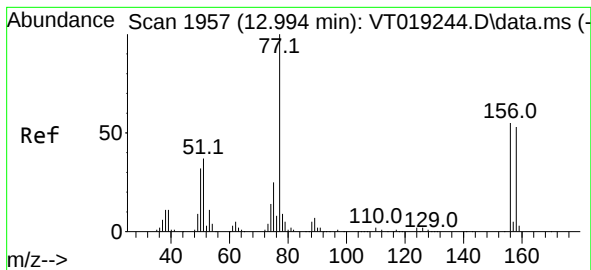
Tgt Ion: 83 Resp: 113097
 Ion Ratio Lower Upper
 83 100
 131 9.3 4.7 14.0
 85 65.9 33.0 98.9



#76
 1,2,3-Trichloropropane
 Concen: 93.075 ug/l
 RT: 13.018 min Scan# 1961
 Delta R.T. 0.000 min
 Lab File: VT019244.D
 Acq: 8 Dec 2025 11:28

Tgt Ion: 75 Resp: 144435
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 52.533 ug/l

RT: 12.994 min Scan# 1957

Delta R.T. 0.000 min

Lab File: VT019244.D

Acq: 8 Dec 2025 11:28

Instrument :

MSVOA_T

ClientSampleId :

VSTDICCC050

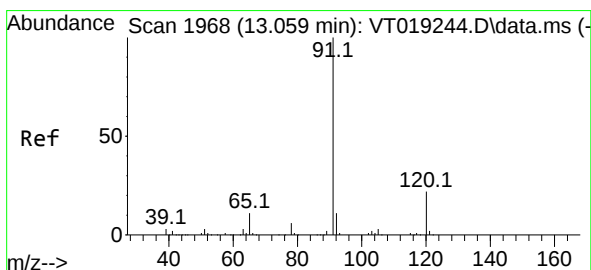
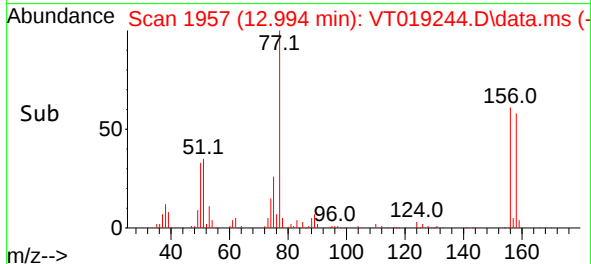
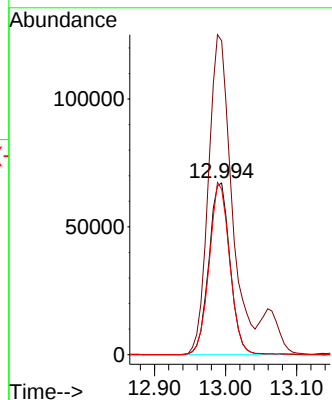
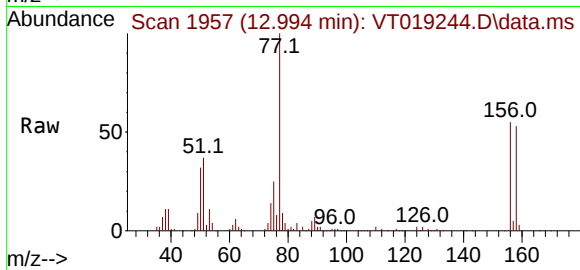
Tgt Ion:156 Resp: 138714

Ion Ratio Lower Upper

156 100

77 204.7 102.4 307.1

158 97.2 48.6 145.8



#78

n-propylbenzene

Concen: 53.185 ug/l

RT: 13.059 min Scan# 1968

Delta R.T. 0.000 min

Lab File: VT019244.D

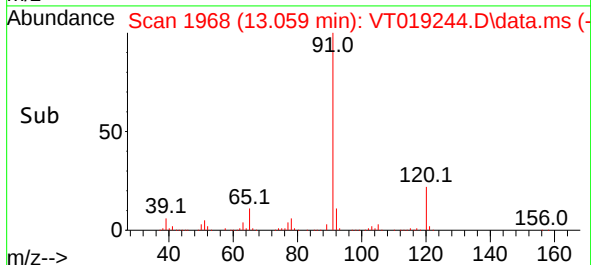
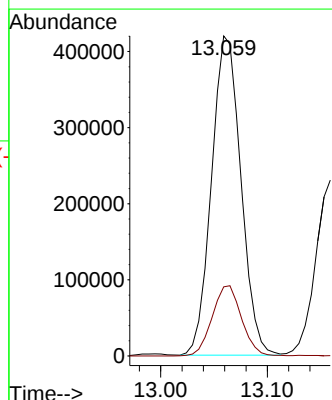
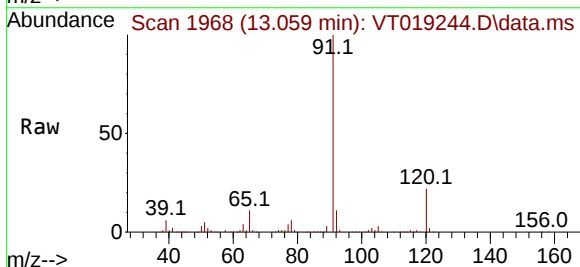
Acq: 8 Dec 2025 11:28

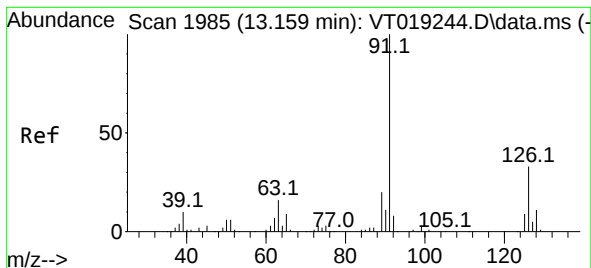
Tgt Ion: 91 Resp: 802453

Ion Ratio Lower Upper

91 100

120 22.0 11.0 33.0





#79

2-Chlorotoluene

Concen: 52.509 ug/l

RT: 13.159 min Scan# 1985

Delta R.T. 0.000 min

Lab File: VT019244.D

Acq: 8 Dec 2025 11:28

Instrument :

MSVOA_T

ClientSampleId :

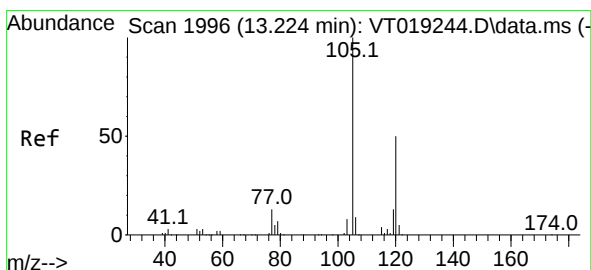
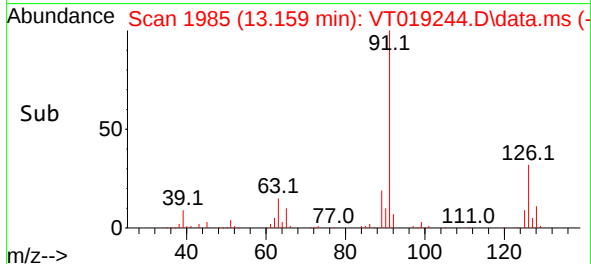
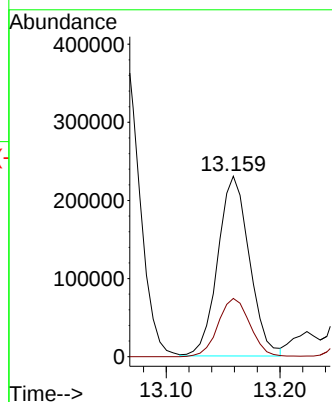
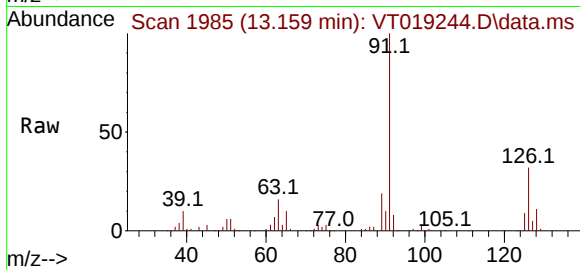
VSTDICCC050

Tgt Ion: 91 Resp: 445520

Ion Ratio Lower Upper

91 100

126 32.7 16.4 49.1



#80

1,3,5-Trimethylbenzene

Concen: 50.004 ug/l

RT: 13.224 min Scan# 1996

Delta R.T. 0.000 min

Lab File: VT019244.D

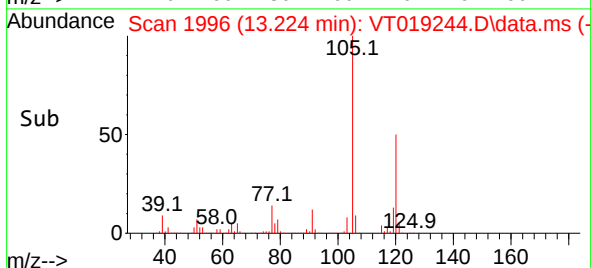
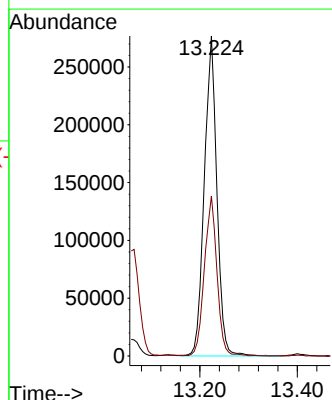
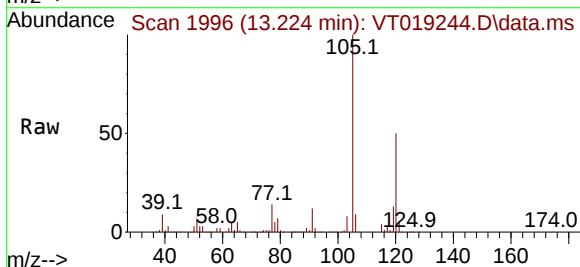
Acq: 8 Dec 2025 11:28

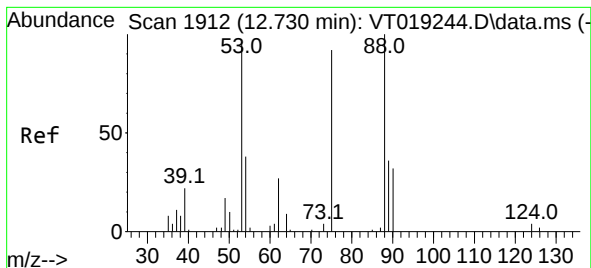
Tgt Ion: 105 Resp: 494629

Ion Ratio Lower Upper

105 100

120 50.1 25.1 75.2

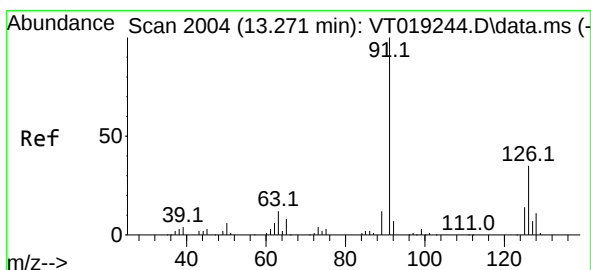
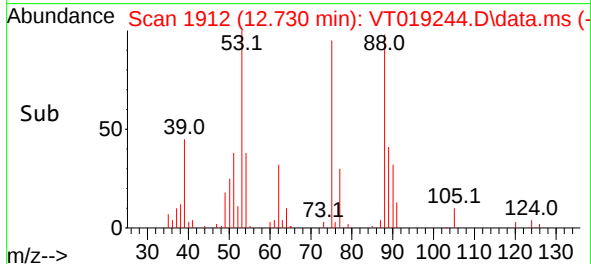
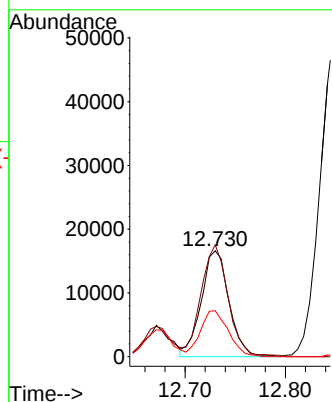
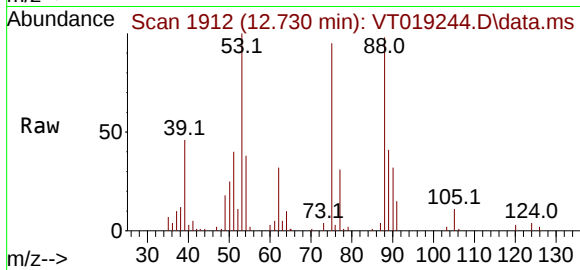




#81
trans-1,4-Dichloro-2-butene
Concen: 54.546 ug/l
RT: 12.730 min Scan# 1912
Delta R.T. 0.000 min
Lab File: VT019244.D
Acq: 8 Dec 2025 11:28

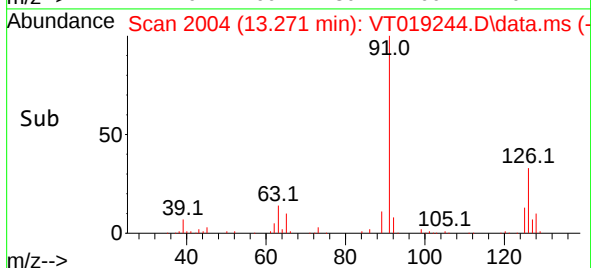
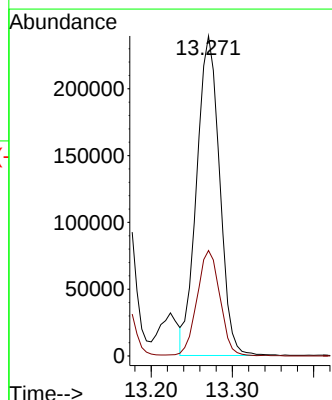
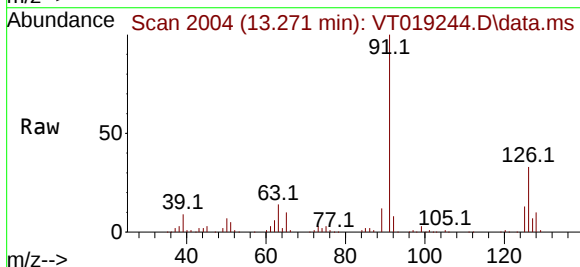
Instrument :
MSVOA_T
ClientSampleId :
VSTDICCC050

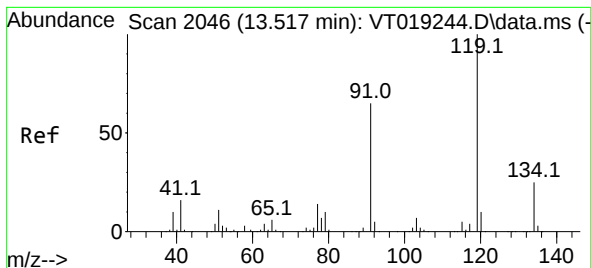
Tgt Ion: 75 Resp: 31887
Ion Ratio Lower Upper
75 100
53 104.1 83.3 124.9
89 43.8 35.0 52.6



#82
4-Chlorotoluene
Concen: 52.701 ug/l
RT: 13.271 min Scan# 2004
Delta R.T. 0.000 min
Lab File: VT019244.D
Acq: 8 Dec 2025 11:28

Tgt Ion: 91 Resp: 468236
Ion Ratio Lower Upper
91 100
126 32.8 16.4 49.2





#83

tert-Butylbenzene

Concen: 45.012 ug/l

RT: 13.517 min Scan# 2046

Delta R.T. 0.000 min

Lab File: VT019244.D

Acq: 8 Dec 2025 11:28

Instrument :

MSVOA_T

ClientSampleId :

VSTDICCC050

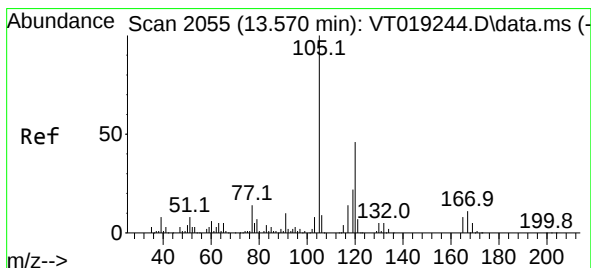
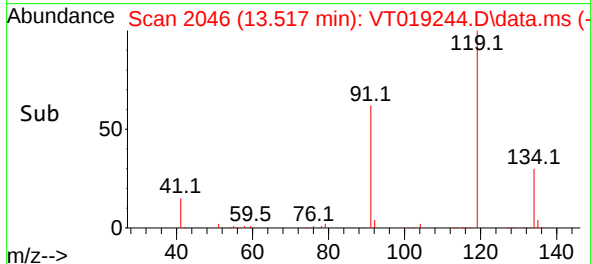
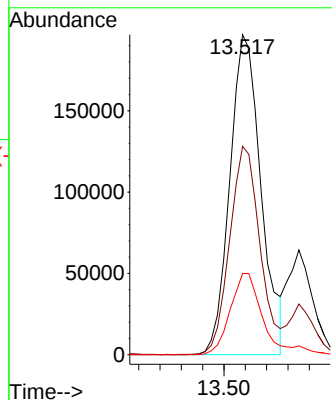
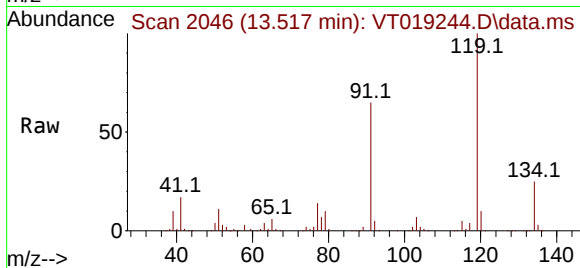
Tgt Ion:119 Resp: 399812

Ion Ratio Lower Upper

119 100

91 63.4 31.7 95.1

134 26.8 13.4 40.2



#84

1,2,4-Trimethylbenzene

Concen: 49.541 ug/l

RT: 13.570 min Scan# 2055

Delta R.T. 0.000 min

Lab File: VT019244.D

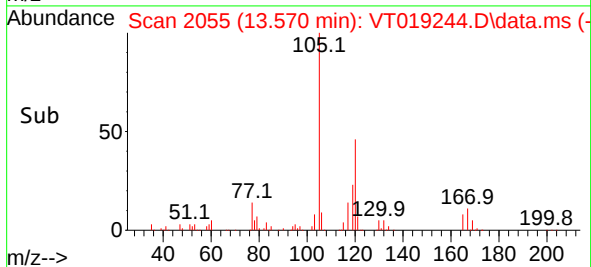
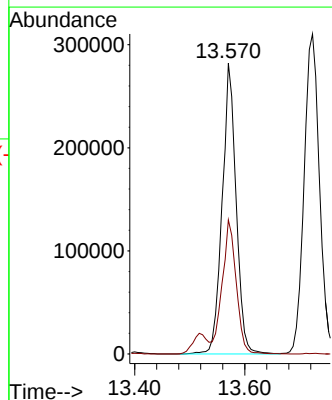
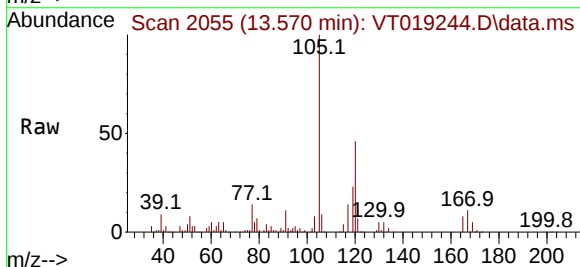
Acq: 8 Dec 2025 11:28

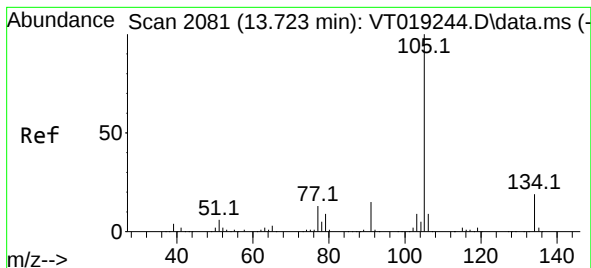
Tgt Ion:105 Resp: 496395

Ion Ratio Lower Upper

105 100

120 46.7 23.4 70.0





#85

sec-Butylbenzene

Concen: 45.341 ug/l

RT: 13.723 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VT019244.D

Acq: 8 Dec 2025 11:28

Instrument :

MSVOA_T

ClientSampleId :

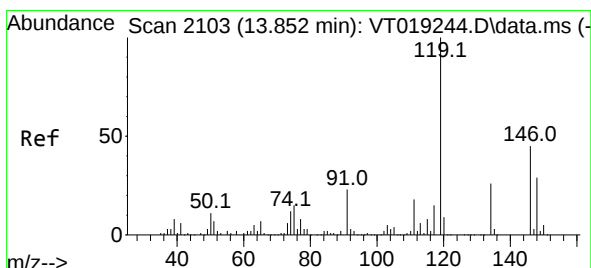
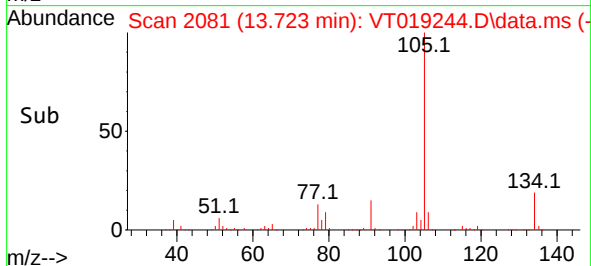
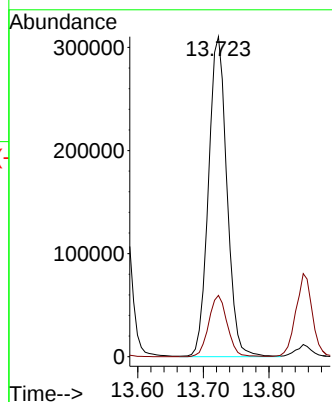
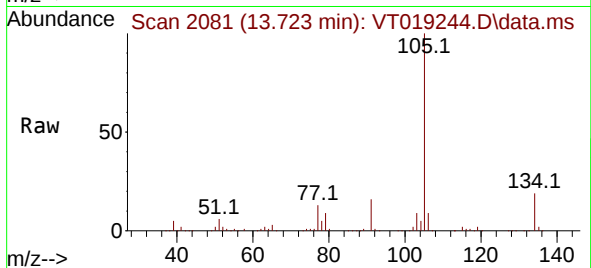
VSTDICCC050

Tgt Ion:105 Resp: 605987

Ion Ratio Lower Upper

105 100

134 19.2 9.6 28.8



#86

p-Isopropyltoluene

Concen: 47.823 ug/l

RT: 13.852 min Scan# 2103

Delta R.T. 0.000 min

Lab File: VT019244.D

Acq: 8 Dec 2025 11:28

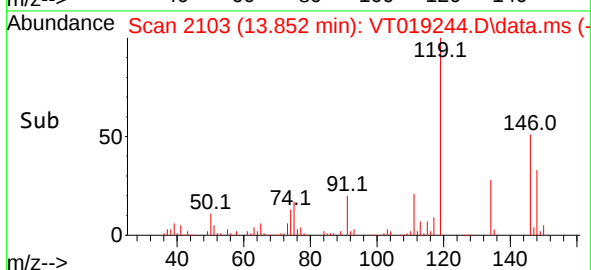
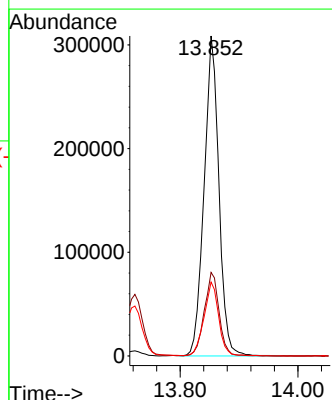
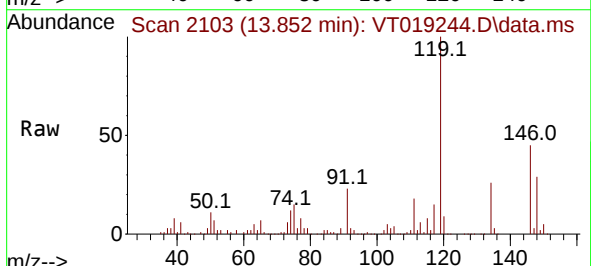
Tgt Ion:119 Resp: 538928

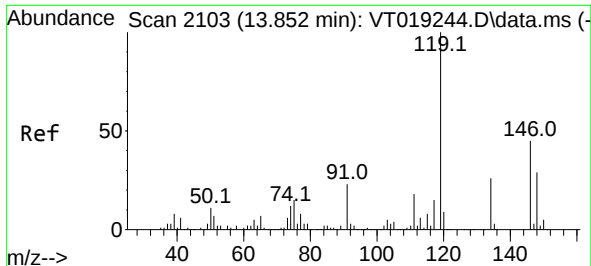
Ion Ratio Lower Upper

119 100

134 26.1 13.1 39.1

91 23.1 11.6 34.7





#87

1,3-Dichlorobenzene

Concen: 46.808 ug/l

RT: 13.852 min Scan# 2103

Delta R.T. 0.000 min

Lab File: VT019244.D

Acq: 8 Dec 2025 11:28

Instrument :

MSVOA_T

ClientSampleId :

VSTDICCC050

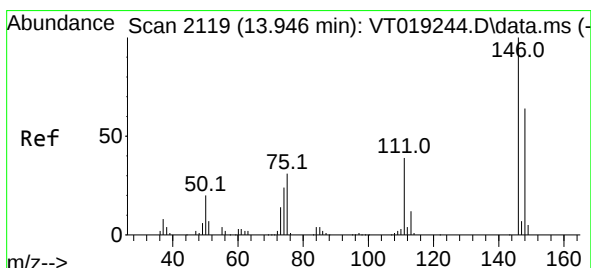
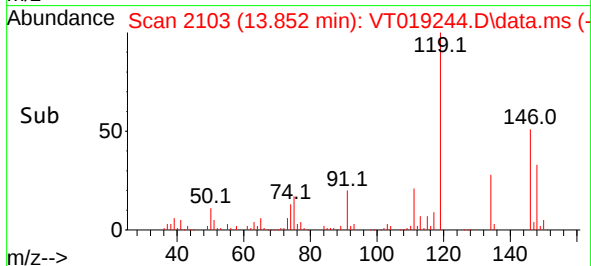
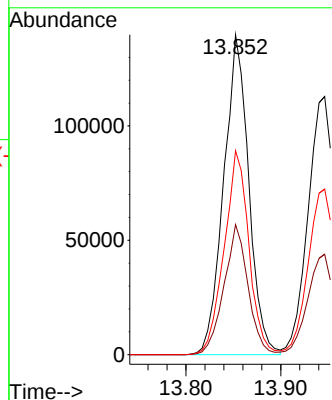
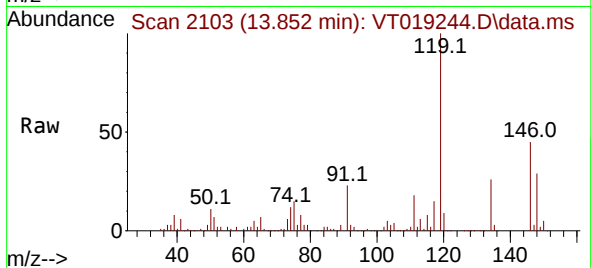
Tgt Ion:146 Resp: 256531

Ion Ratio Lower Upper

146 100

111 39.0 19.5 58.5

148 63.1 31.6 94.7



#88

1,4-Dichlorobenzene

Concen: 44.808 ug/l

RT: 13.946 min Scan# 2119

Delta R.T. 0.000 min

Lab File: VT019244.D

Acq: 8 Dec 2025 11:28

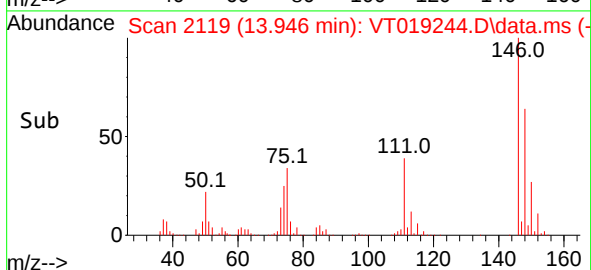
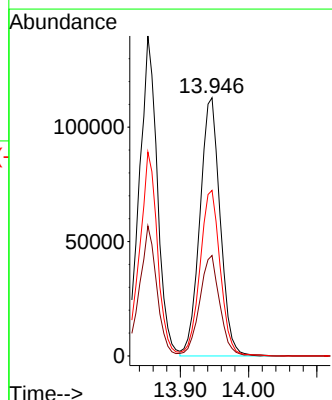
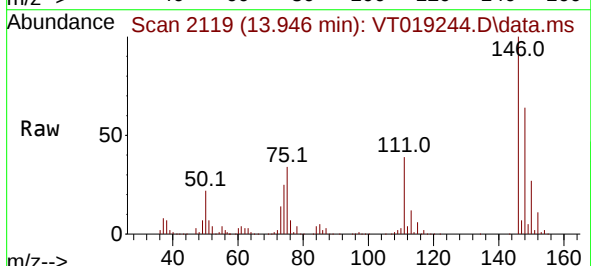
Tgt Ion:146 Resp: 233320

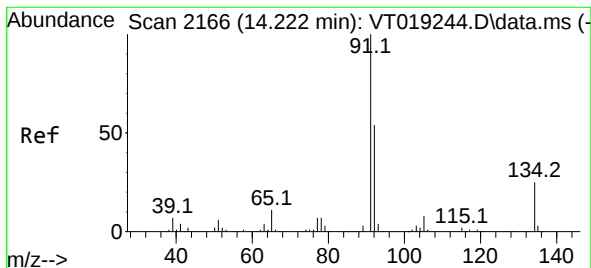
Ion Ratio Lower Upper

146 100

111 38.8 19.4 58.2

148 64.2 32.1 96.3





#89

n-Butylbenzene

Concen: 45.759 ug/l

RT: 14.222 min Scan# 2166

Delta R.T. 0.000 min

Lab File: VT019244.D

Acq: 8 Dec 2025 11:28

Instrument :

MSVOA_T

ClientSampleId :

VSTDICCC050

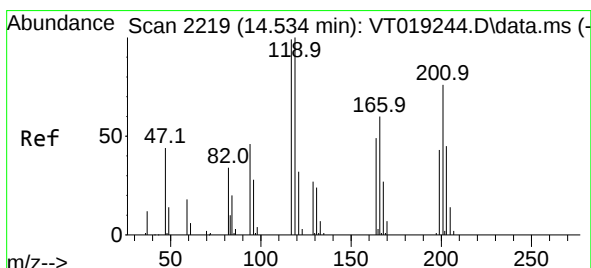
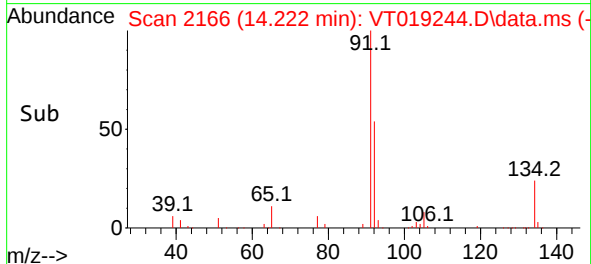
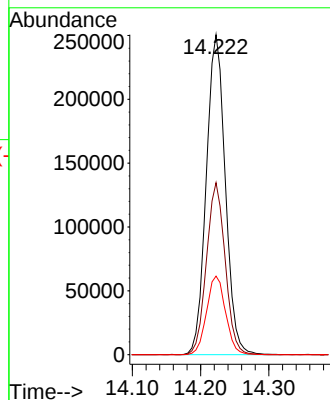
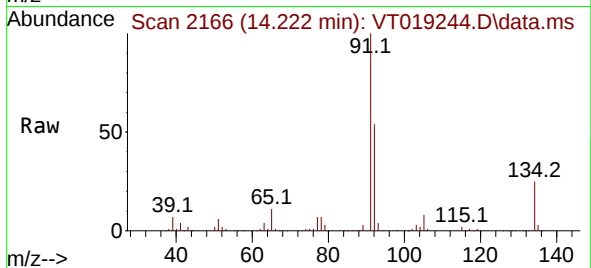
Tgt Ion: 91 Resp: 486184

Ion Ratio Lower Upper

91 100

92 52.8 26.4 79.2

134 24.5 12.3 36.8



#90

Hexachloroethane

Concen: 48.481 ug/l

RT: 14.534 min Scan# 2219

Delta R.T. 0.000 min

Lab File: VT019244.D

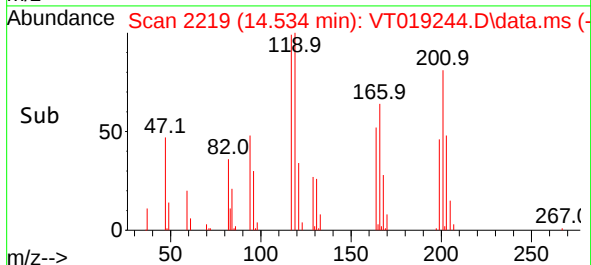
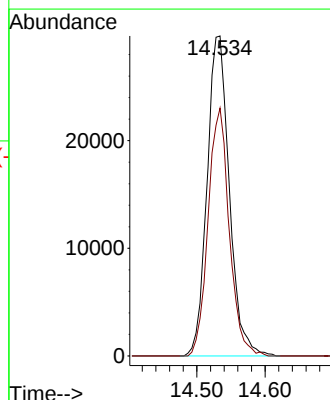
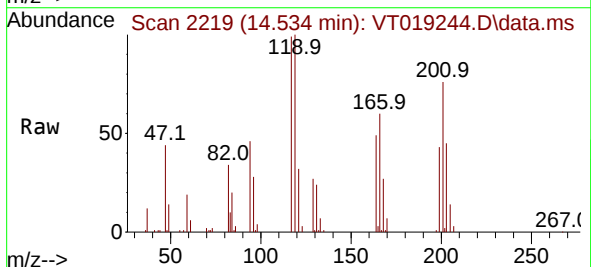
Acq: 8 Dec 2025 11:28

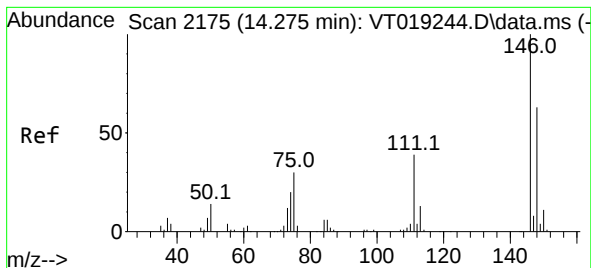
Tgt Ion: 117 Resp: 67498

Ion Ratio Lower Upper

117 100

201 73.6 36.8 110.4





#91

1,2-Dichlorobenzene

Concen: 44.869 ug/l

RT: 14.275 min Scan# 2175

Delta R.T. 0.000 min

Lab File: VT019244.D

Acq: 8 Dec 2025 11:28

Instrument :

MSVOA_T

ClientSampleId :

VSTDICCC050

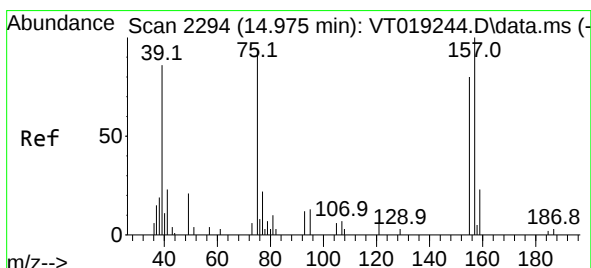
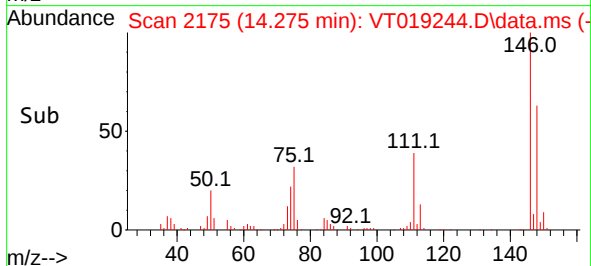
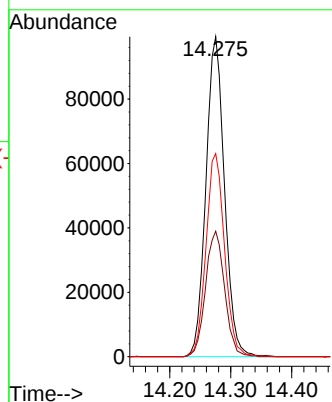
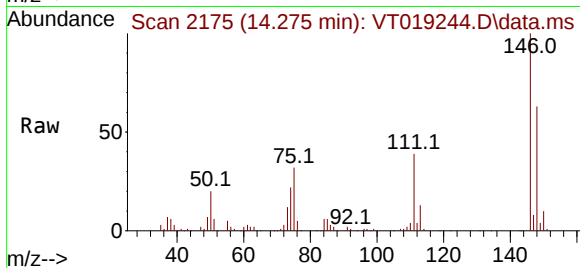
Tgt Ion:146 Resp: 210467

Ion Ratio Lower Upper

146 100

111 40.3 20.2 60.5

148 63.5 31.8 95.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 53.671 ug/l

RT: 14.975 min Scan# 2294

Delta R.T. 0.000 min

Lab File: VT019244.D

Acq: 8 Dec 2025 11:28

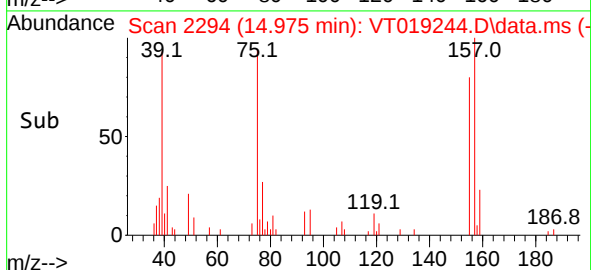
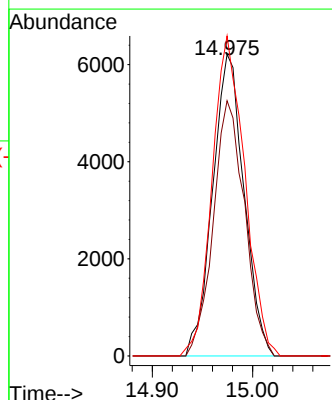
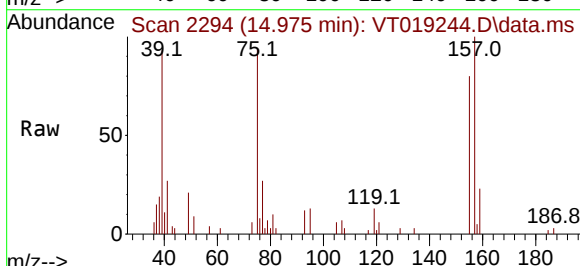
Tgt Ion: 75 Resp: 13494

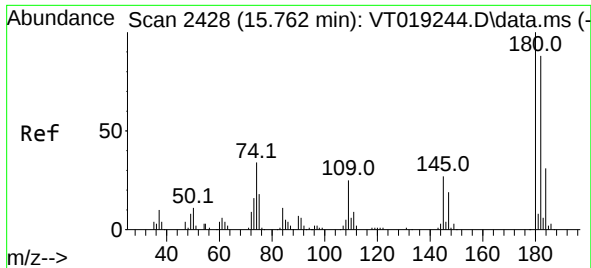
Ion Ratio Lower Upper

75 100

155 84.1 42.0 126.1

157 110.2 55.1 165.3

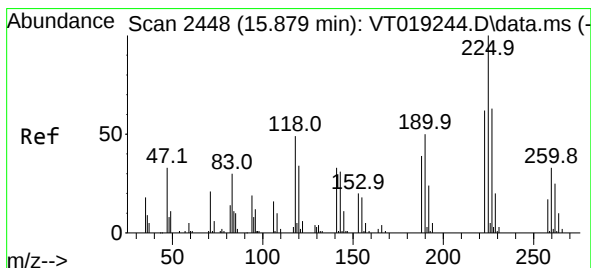
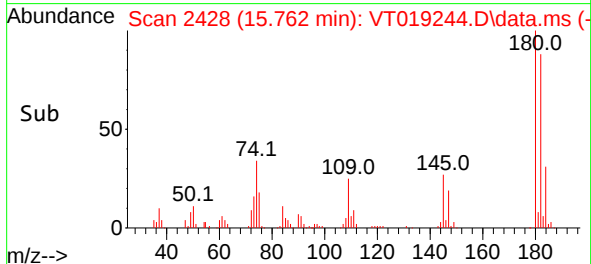
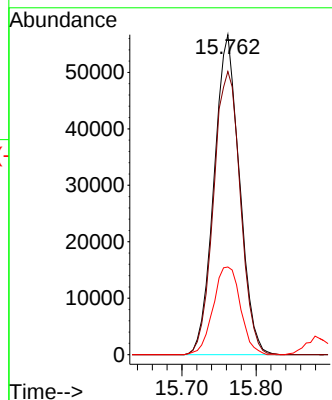
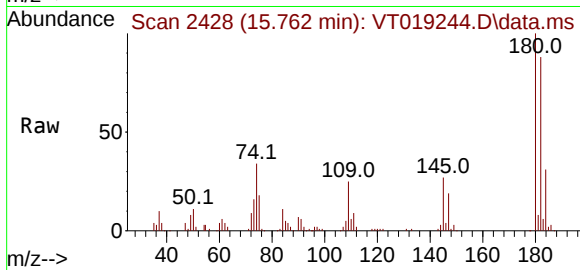




#93
1,2,4-Trichlorobenzene
Concen: 43.777 ug/l
RT: 15.762 min Scan# 2428
Delta R.T. 0.000 min
Lab File: VT019244.D
Acq: 8 Dec 2025 11:28

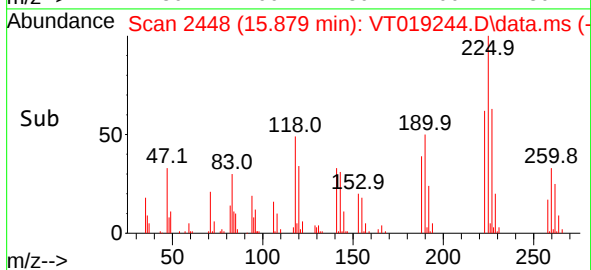
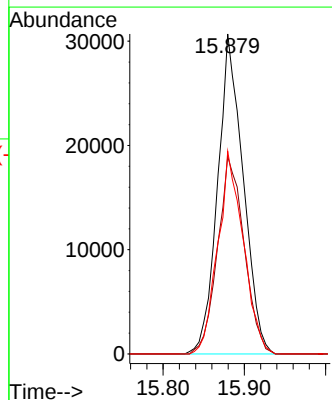
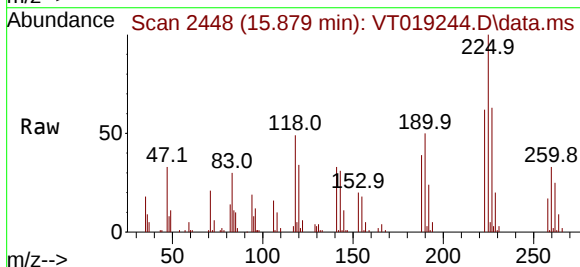
Instrument :
MSVOA_T
ClientSampleId :
VSTDICCC050

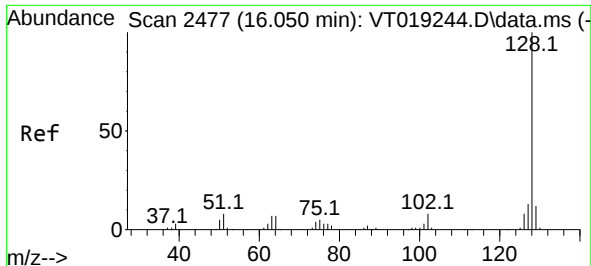
Tgt Ion:180 Resp: 134834
Ion Ratio Lower Upper
180 100
182 93.2 46.6 139.8
145 29.4 14.7 44.1



#94
Hexachlorobutadiene
Concen: 42.385 ug/l
RT: 15.879 min Scan# 2448
Delta R.T. 0.000 min
Lab File: VT019244.D
Acq: 8 Dec 2025 11:28

Tgt Ion:225 Resp: 66867
Ion Ratio Lower Upper
225 100
223 64.3 32.1 96.5
227 63.3 31.6 95.0

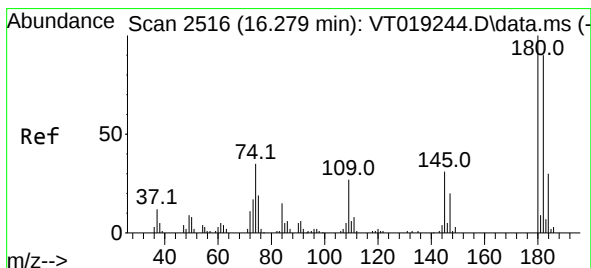
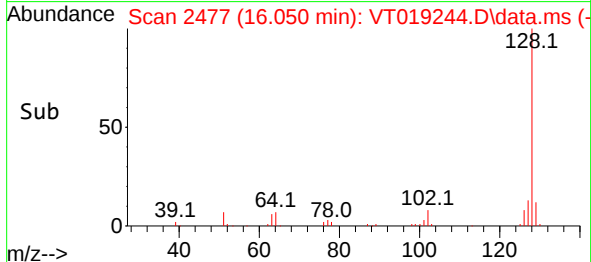
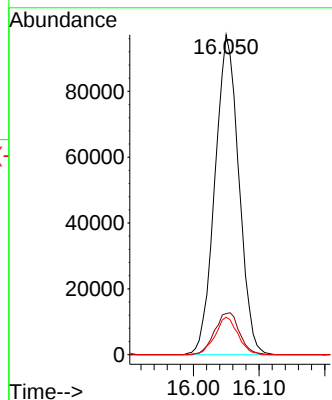
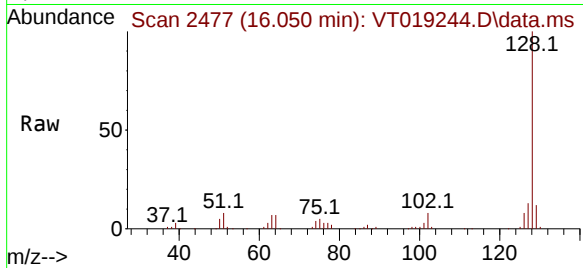




#95
Naphthalene
Concen: 44.490 ug/l
RT: 16.050 min Scan# 2477
Delta R.T. 0.000 min
Lab File: VT019244.D
Acq: 8 Dec 2025 11:28

Instrument :
MSVOA_T
ClientSampleId :
VSTDICCC050

Tgt Ion:128 Resp: 245340
Ion Ratio Lower Upper
128 100
127 13.7 11.0 16.4
129 11.1 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 43.626 ug/l
RT: 16.279 min Scan# 2516
Delta R.T. 0.000 min
Lab File: VT019244.D
Acq: 8 Dec 2025 11:28

Tgt Ion:180 Resp: 114901
Ion Ratio Lower Upper
180 100
182 95.9 47.9 143.8
145 31.4 15.7 47.1

