

Data Path : Z:\voasrv\HPCHEM1\MSVOA_T\Data\VT120825\
 Data File : VT019241.D
 Acq On : 8 Dec 2025 10:10
 Operator : SY/MD
 Sample : VSTDIC005
 Misc : 5.00g/5.0mL/MSVOA_T/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_T
 ClientSampleId :
 VSTDIC005

Quant Time: Dec 09 00:59:31 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_T\methods\82T120825S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 09 00:58:21 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.536	168	196718	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.535	114	343327	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.713	117	293985	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.917	152	140522	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.918	65	13275	5.240	ug/l	-0.01
Spiked Amount	50.000	Range	63 - 155	Recovery	=	10.480%#
35) Dibromofluoromethane	7.453	113	9676	4.786	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	=	9.580%#
50) Toluene-d8	10.215	98	44201	4.977	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	=	9.960%#
62) 4-Bromofluorobenzene	12.847	95	21572	3.535	ug/l	0.00
Spiked Amount	50.000	Range	52 - 138	Recovery	=	7.080%#

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.866	85	8672	4.422	ug/l	97
3) Chloromethane	2.060	50	10526	3.390	ug/l	99
4) Vinyl Chloride	2.183	62	17384	5.285	ug/l	98
5) Bromomethane	2.524	94	12776	5.229	ug/l	83
6) Chloroethane	2.671	64	12649	4.906	ug/l	96
7) Trichlorofluoromethane	2.970	101	24282	5.028	ug/l	94
8) Diethyl Ether	3.329	74	9668	5.209	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.658	101	14354	5.080	ug/l	100
10) Methyl Iodide	3.834	142	8931	3.591	ug/l #	92
11) Tert butyl alcohol	4.627	59	8080	29.350	ug/l #	84
12) 1,1-Dichloroethene	3.634	96	15154	5.231	ug/l	94
13) Acrolein	3.517	56	3449	41.451	ug/l	100
14) Allyl chloride	4.181	41	29463	5.254	ug/l	98
15) Acrylonitrile	4.798	53	20734	26.488	ug/l	96
16) Acetone	3.705	43	63984	7.167	ug/l	91
17) Carbon Disulfide	3.928	76	45524	5.375	ug/l	98
18) Methyl Acetate	4.187	43	9682	4.457	ug/l	99
19) Methyl tert-butyl Ether	4.851	73	39372	5.217	ug/l	98
20) Methylene Chloride	4.392	84	25534	6.328	ug/l	98
21) trans-1,2-Dichloroethene	4.845	96	15177	5.471	ug/l	95
22) Diisopropyl ether	5.761	45	49631	5.168	ug/l	95
23) Vinyl Acetate	5.691	43	101247	24.261	ug/l	98
24) 1,1-Dichloroethane	5.650	63	25852	5.170	ug/l	97
25) 2-Butanone	6.654	43	31329	28.075	ug/l	94
26) 2,2-Dichloropropane	6.631	77	18326	5.015	ug/l #	73
27) cis-1,2-Dichloroethene	6.649	96	15096	5.209	ug/l	97
28) Bromochloromethane	7.030	49	11677	5.258	ug/l #	96
29) Tetrahydrofuran	7.060	42	13863	24.985	ug/l	98
30) Chloroform	7.218	83	22718	5.051	ug/l	96
31) Cyclohexane	7.518	56	29274	5.764	ug/l #	88
32) 1,1,1-Trichloroethane	7.424	97	18298	5.062	ug/l	97
36) 1,1-Dichloropropene	7.671	75	18514	5.208	ug/l	98
37) Ethyl Acetate	6.754	43	9048	4.969	ug/l	98
38) Carbon Tetrachloride	7.653	117	11933	4.601	ug/l #	88
39) Methylcyclohexane	9.075	83	23698	4.986	ug/l	99
40) Benzene	7.935	78	57342	5.160	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.001	41	4637	4.642	ug/l	96
42) 1,2-Dichloroethane	8.029	62	14184	4.981	ug/l	98
43) Isopropyl Acetate	8.076	43	15951	4.683	ug/l	99
44) Trichloroethene	8.805	130	12299	5.263	ug/l	97
45) 1,2-Dichloropropane	9.122	63	13055	5.047	ug/l	97
46) Dibromomethane	9.222	93	5531	4.700	ug/l	96
47) Bromodichloromethane	9.439	83	15288	4.820	ug/l	99
48) Methyl methacrylate	9.216	41	7685	4.729	ug/l	95
49) 1,4-Dioxane	9.222	88	2693	127.993	ug/l	87
51) 4-Methyl-2-Pentanone	10.097	43	41476	24.700	ug/l	100
52) Toluene	10.286	92	34818	5.217	ug/l	99
53) t-1,3-Dichloropropene	10.544	75	13037	4.533	ug/l	96
54) cis-1,3-Dichloropropene	9.927	75	17264	4.745	ug/l	95
55) 1,1,2-Trichloroethane	10.750	97	8353	4.959	ug/l	96
56) Ethyl methacrylate	10.597	69	9864	4.345	ug/l	97
57) 1,3-Dichloropropane	10.908	76	15399	4.944	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.768	63	15147	4.116	ug/l	96
59) 2-Hexanone	10.967	43	35238	26.112	ug/l	100
60) Dibromochloromethane	11.137	129	8314	4.697	ug/l	99
61) 1,2-Dibromoethane	11.255	107	6598	4.653	ug/l	98
64) Tetrachloroethene	10.820	164	10886	4.944	ug/l	92
65) Chlorobenzene	11.743	112	35648	5.298	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.831	131	8876	4.607	ug/l	94
67) Ethyl Benzene	11.831	91	64045	4.945	ug/l	98
68) m/p-Xylenes	11.954	106	50974	10.235	ug/l	97
69) o-Xylene	12.330	106	23695	5.026	ug/l	98
70) Styrene	12.342	104	39072	4.958	ug/l	98
71) Bromoform	12.530	173	4199	4.624	ug/l #	99
73) Isopropylbenzene	12.671	105	62812	5.067	ug/l	97
74) N-amyl acetate	12.465	43	9424	4.125	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.953	83	8634	4.506	ug/l	99
76) 1,2,3-Trichloropropane	13.018	75	11293	7.516	ug/l #	100
77) Bromobenzene	12.988	156	13175	5.153	ug/l	96
78) n-propylbenzene	13.059	91	76401	5.230	ug/l	99
79) 2-Chlorotoluene	13.159	91	42895	5.222	ug/l	100
80) 1,3,5-Trimethylbenzene	13.217	105	50024	5.223	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.724	75	1944	5.461	ug/l	93
82) 4-Chlorotoluene	13.270	91	45302	5.266	ug/l	100
83) tert-Butylbenzene	13.517	119	47705	5.547	ug/l	100
84) 1,2,4-Trimethylbenzene	13.570	105	49924	5.146	ug/l	97
85) sec-Butylbenzene	13.717	105	70296	5.432	ug/l	99
86) p-Isopropyltoluene	13.852	119	55842	5.118	ug/l	99
87) 1,3-Dichlorobenzene	13.852	146	28395	5.351	ug/l	99
88) 1,4-Dichlorobenzene	13.940	146	28252	5.604	ug/l	95
89) n-Butylbenzene	14.222	91	52812	5.134	ug/l	98
90) Hexachloroethane	14.534	117	6303	4.676	ug/l	94
91) 1,2-Dichlorobenzene	14.275	146	24443	5.382	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.974	75	1009	4.145	ug/l	97
93) 1,2,4-Trichlorobenzene	15.756	180	15676	5.257	ug/l	99
94) Hexachlorobutadiene	15.879	225	8175	5.352	ug/l	98
95) Naphthalene	16.049	128	29358	5.499	ug/l	99
96) 1,2,3-Trichlorobenzene	16.284	180	13621	5.342	ug/l	97

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ClientSampleId :
VSTDICC005

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Quant Title : SW846 8260
QLast Update : Tue Dec 09 00:58:21 2025
Response via : Initial Calibration

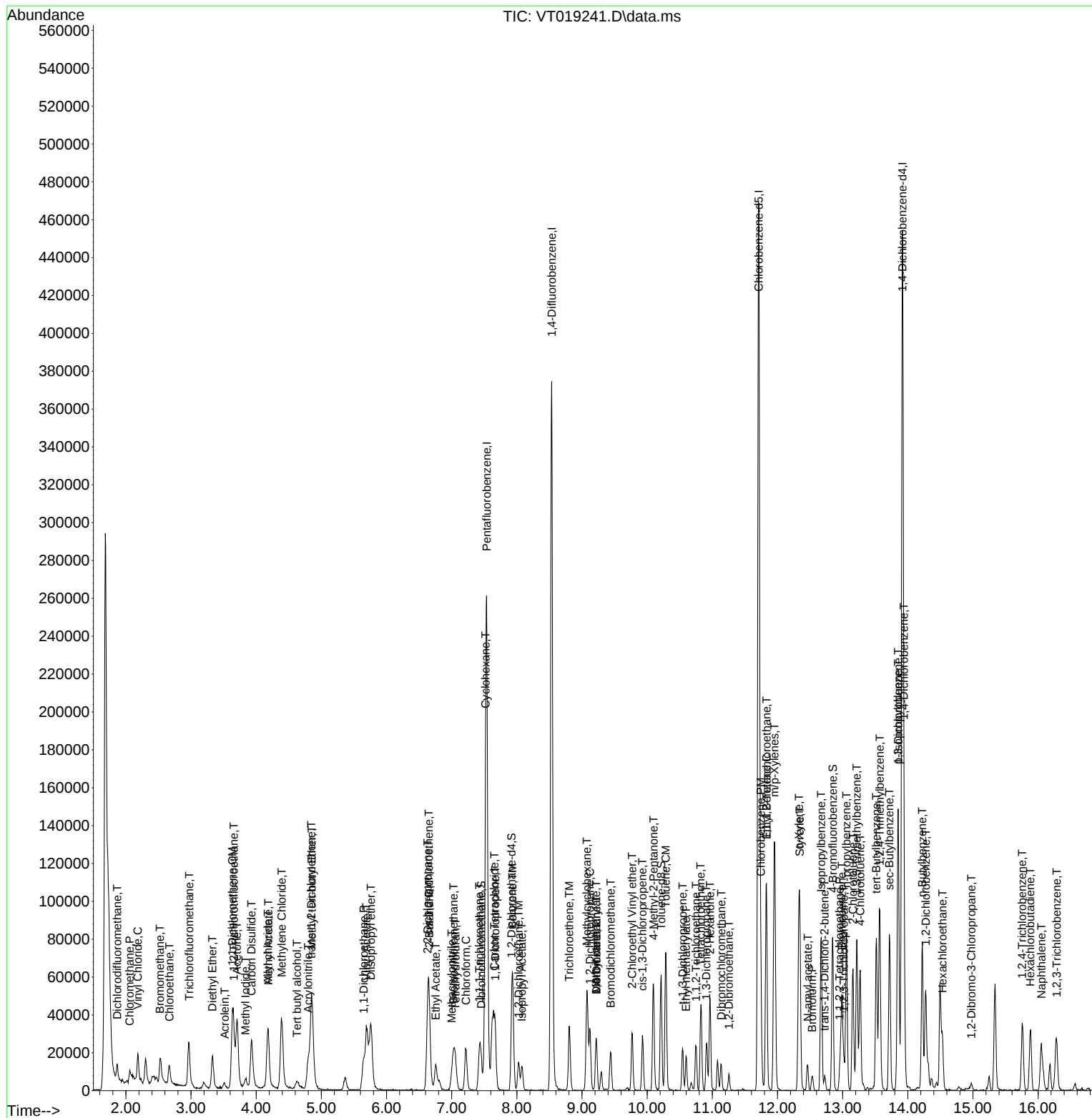
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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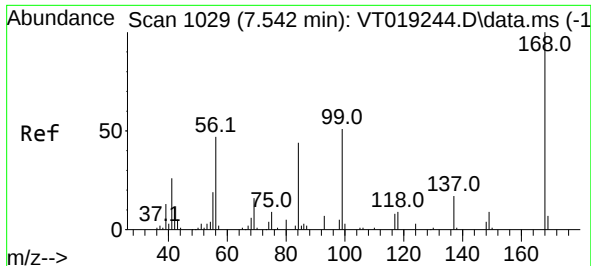
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 Data File : VT019241.D
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 Operator : SY/MD
 Sample : VSTDIC005
 Misc : 5.00g/5.0mL/MSVOA_T/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_T
 ClientSampleId :
 VSTDIC005

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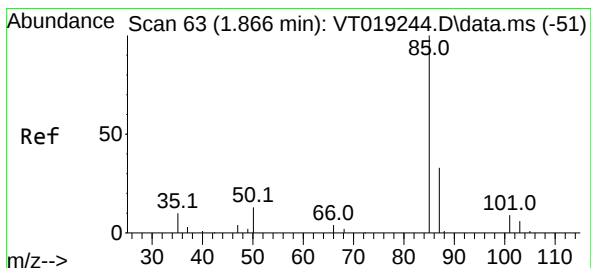
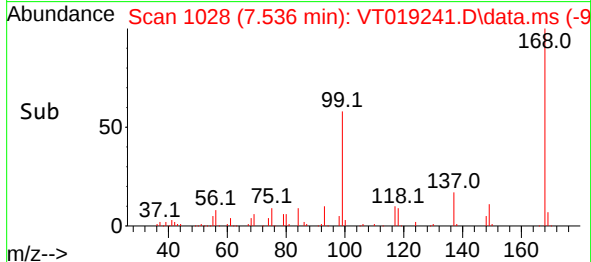
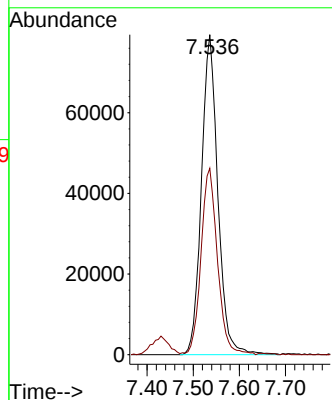
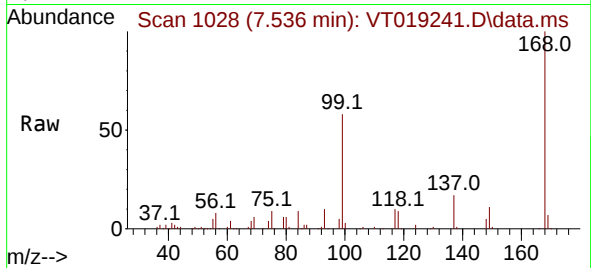




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.536 min Scan# 1028
Delta R.T. -0.006 min
Lab File: VT019241.D
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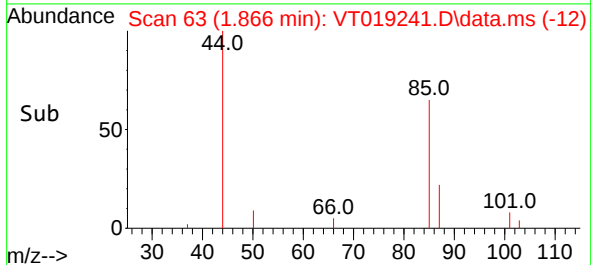
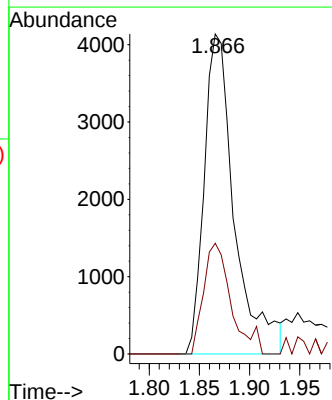
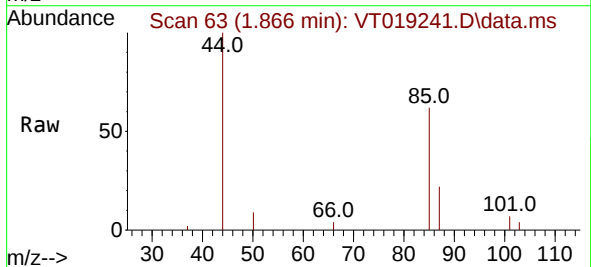
Instrument :
MSVOA_T
ClientSampleId :
VSTDIC005

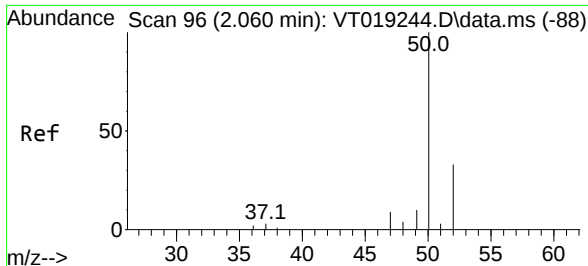
Tgt Ion:168 Resp: 196718
Ion Ratio Lower Upper
168 100
99 58.3 45.9 68.9



#2
Dichlorodifluoromethane
Concen: 4.422 ug/l
RT: 1.866 min Scan# 63
Delta R.T. -0.000 min
Lab File: VT019241.D
Acq: 8 Dec 2025 10:10

Tgt Ion: 85 Resp: 8672
Ion Ratio Lower Upper
85 100
87 34.6 16.4 49.4

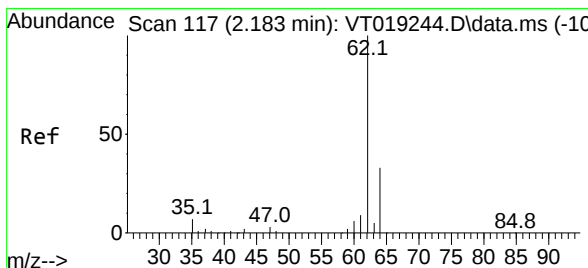
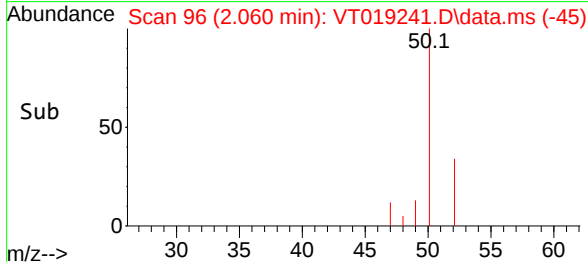
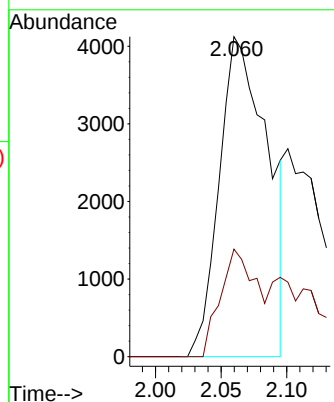
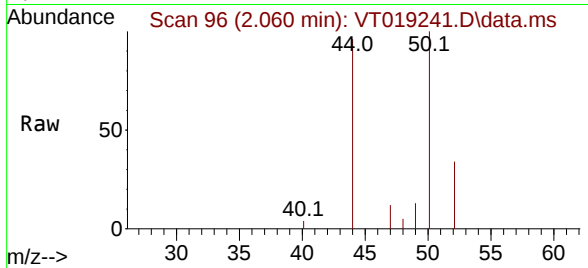




#3
Chloromethane
Concen: 3.390 ug/l
RT: 2.060 min Scan# 96
Delta R.T. -0.000 min
Lab File: VT019241.D
Acq: 8 Dec 2025 10:10

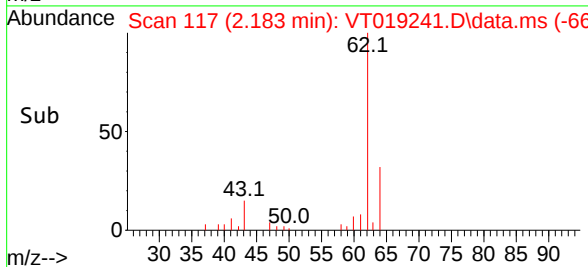
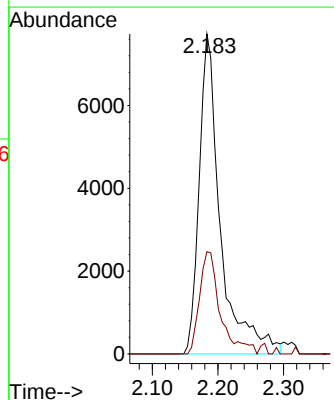
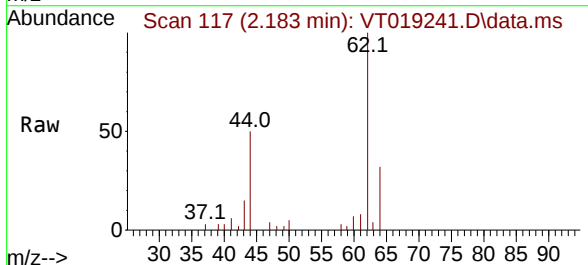
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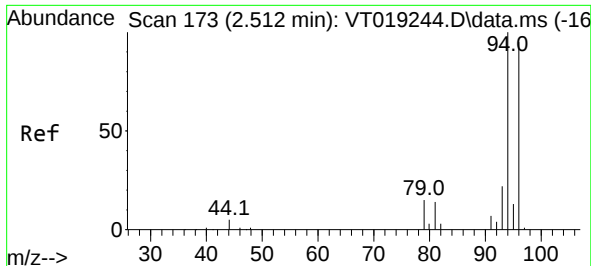
Tgt Ion: 50 Resp: 10526
Ion Ratio Lower Upper
50 100
52 33.6 26.3 39.5



#4
Vinyl Chloride
Concen: 5.285 ug/l
RT: 2.183 min Scan# 117
Delta R.T. -0.000 min
Lab File: VT019241.D
Acq: 8 Dec 2025 10:10

Tgt Ion: 62 Resp: 17384
Ion Ratio Lower Upper
62 100
64 32.0 26.5 39.7

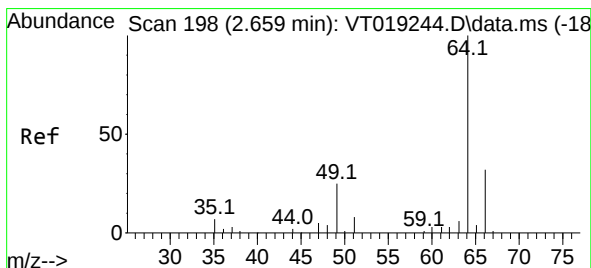
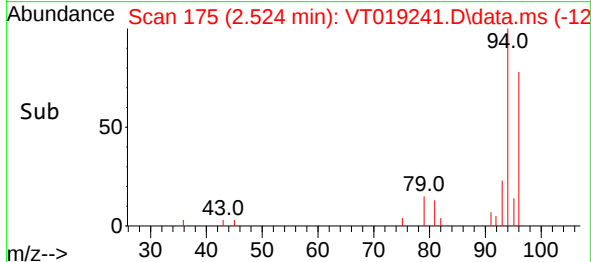
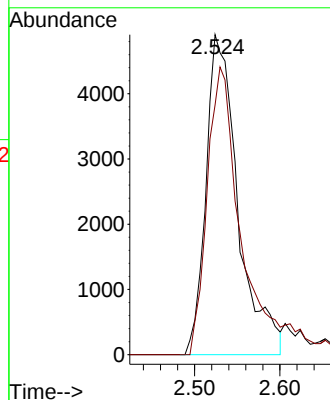
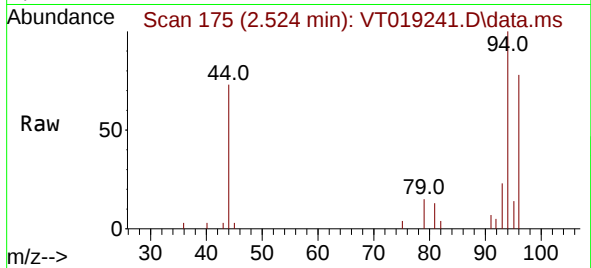




#5
Bromomethane
Concen: 5.229 ug/l
RT: 2.524 min Scan# 11
Delta R.T. 0.011 min
Lab File: VT019241.D
Acq: 8 Dec 2025 10:10

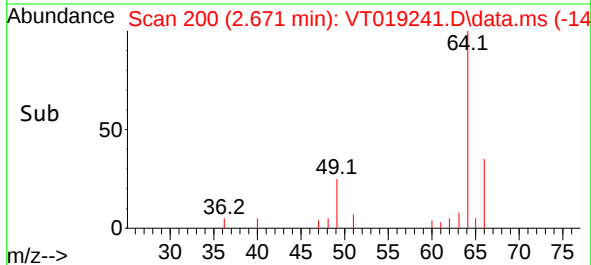
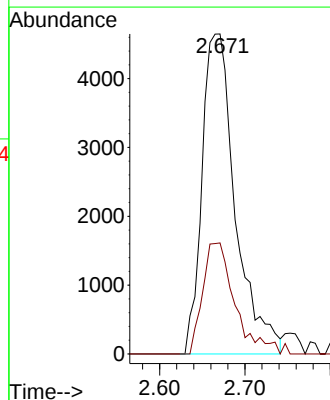
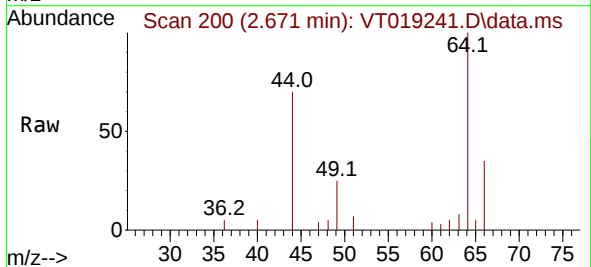
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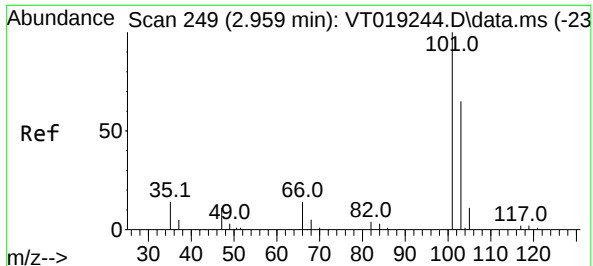
Tgt Ion: 94 Resp: 12776
Ion Ratio Lower Upper
94 100
96 78.0 75.8 113.6



#6
Chloroethane
Concen: 4.906 ug/l
RT: 2.671 min Scan# 200
Delta R.T. 0.011 min
Lab File: VT019241.D
Acq: 8 Dec 2025 10:10

Tgt Ion: 64 Resp: 12649
Ion Ratio Lower Upper
64 100
66 34.7 25.8 38.8

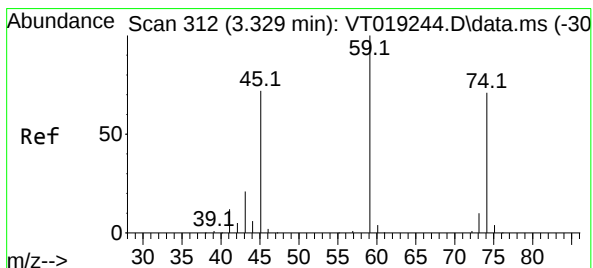
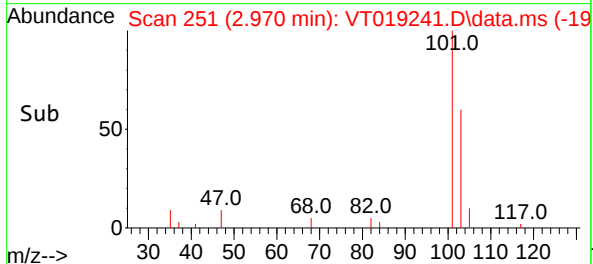
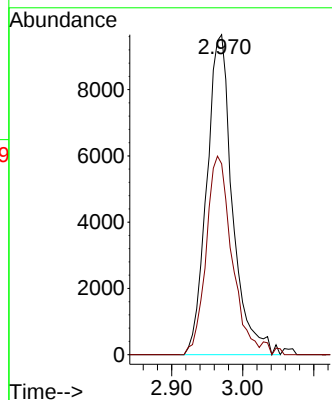
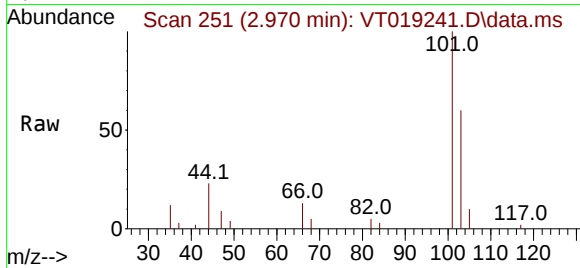




#7
 Trichlorofluoromethane
 Concen: 5.028 ug/l
 RT: 2.970 min Scan# 249
 Delta R.T. 0.011 min
 Lab File: VT019241.D
 Acq: 8 Dec 2025 10:10

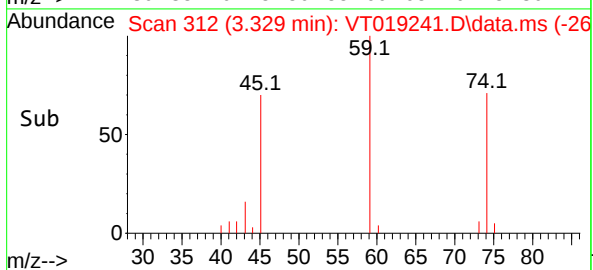
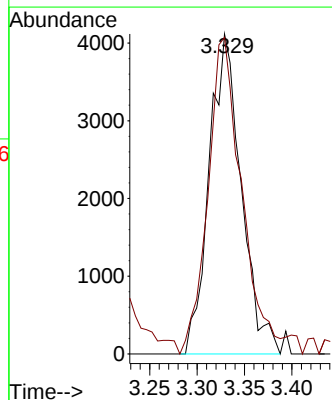
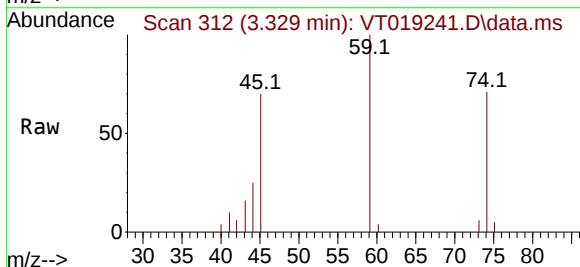
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 ClientSampleId :
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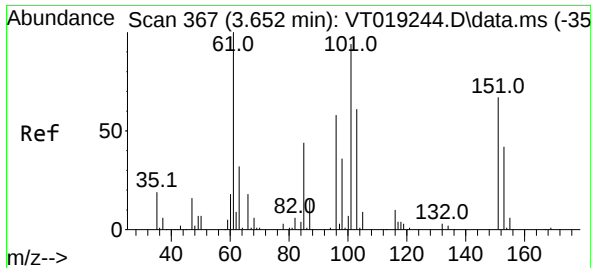
Tgt Ion:101 Resp: 24282
 Ion Ratio Lower Upper
 101 100
 103 59.7 51.6 77.4



#8
 Diethyl Ether
 Concen: 5.209 ug/l
 RT: 3.329 min Scan# 312
 Delta R.T. -0.000 min
 Lab File: VT019241.D
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Tgt Ion: 74 Resp: 9668
 Ion Ratio Lower Upper
 74 100
 45 103.6 48.4 145.3

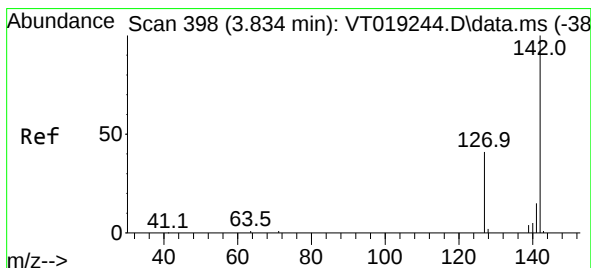
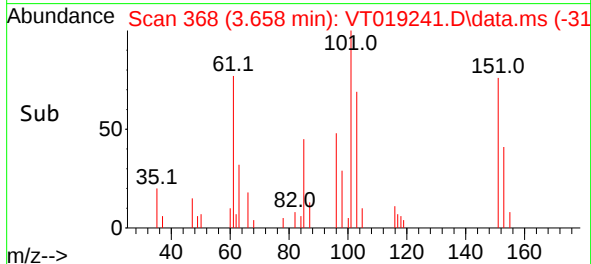
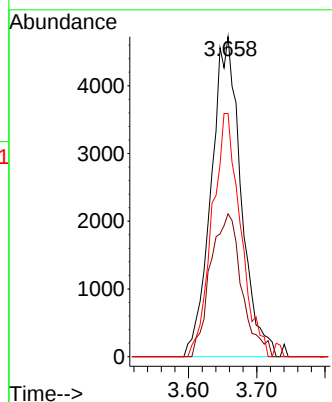
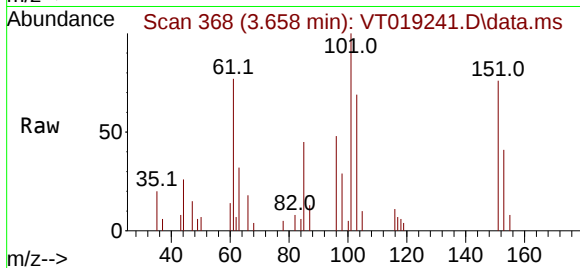




#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.080 ug/l
RT: 3.658 min Scan# 368
Delta R.T. 0.006 min
Lab File: VT019241.D
Acq: 8 Dec 2025 10:10

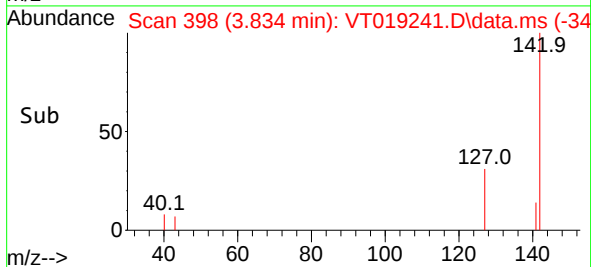
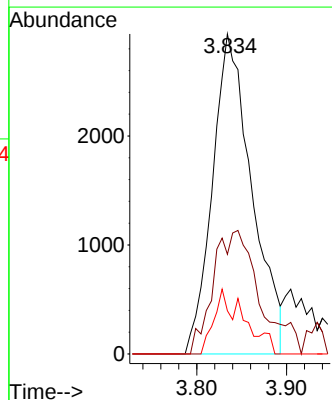
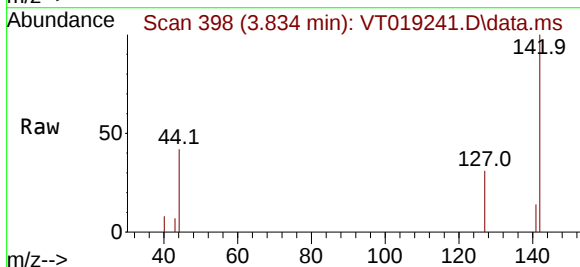
Instrument :
MSVOA_T
ClientSampleId :
VSTDIC005

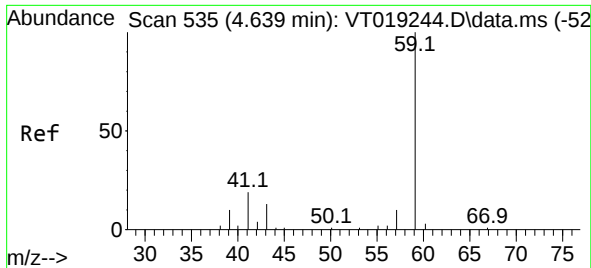
Tgt Ion:101 Resp: 14354
Ion Ratio Lower Upper
101 100
85 46.8 37.7 56.5
151 72.3 57.6 86.4



#10
Methyl Iodide
Concen: 3.591 ug/l
RT: 3.834 min Scan# 398
Delta R.T. -0.000 min
Lab File: VT019241.D
Acq: 8 Dec 2025 10:10

Tgt Ion:142 Resp: 8931
Ion Ratio Lower Upper
142 100
127 45.6 32.9 49.3
141 8.3 10.3 15.5#

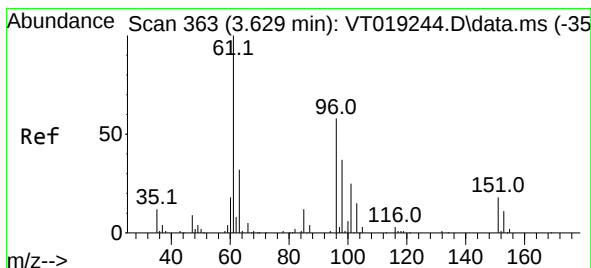
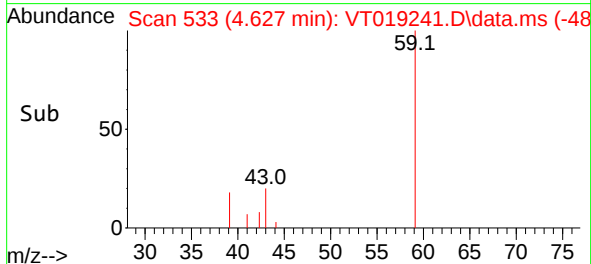
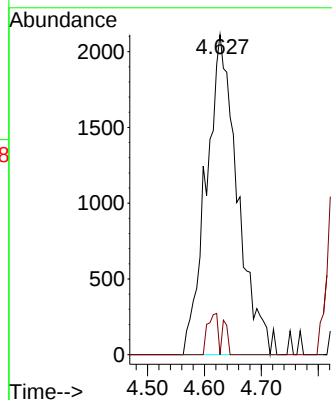
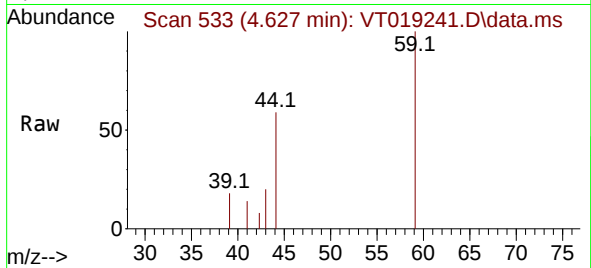




#11
Tert butyl alcohol
Concen: 29.350 ug/l
RT: 4.627 min Scan# 51
Delta R.T. -0.012 min
Lab File: VT019241.D
Acq: 8 Dec 2025 10:10

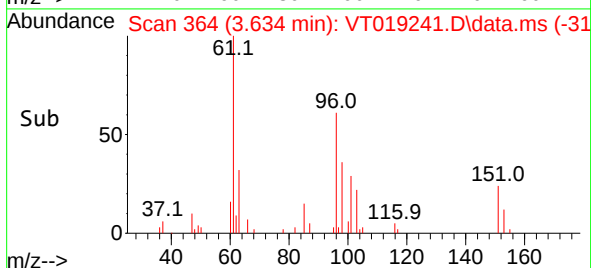
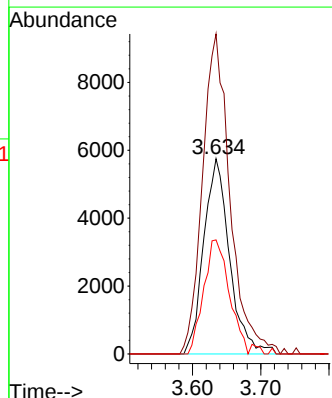
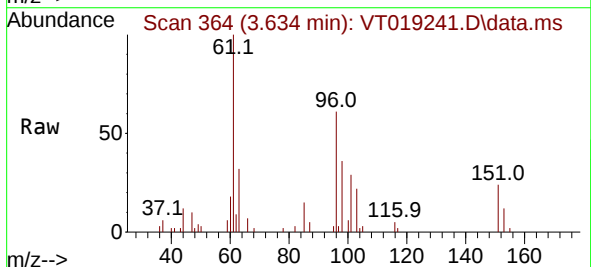
Instrument :
MSVOA_T
ClientSampleId :
VSTDIC005

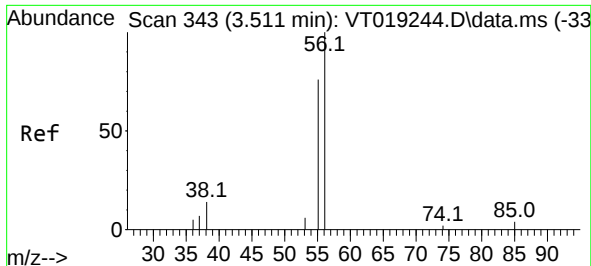
Tgt Ion: 59 Resp: 8080
Ion Ratio Lower Upper
59 100
57 4.1 8.0 12.0#



#12
1,1-Dichloroethene
Concen: 5.231 ug/l
RT: 3.634 min Scan# 364
Delta R.T. 0.006 min
Lab File: VT019241.D
Acq: 8 Dec 2025 10:10

Tgt Ion: 96 Resp: 15154
Ion Ratio Lower Upper
96 100
61 163.9 137.5 206.3
98 58.4 50.2 75.4





#13

Acrolein

Concen: 41.451 ug/l

RT: 3.517 min Scan# 34

Delta R.T. 0.006 min

Lab File: VT019241.D

Acq: 8 Dec 2025 10:10

Instrument :

MSVOA_T

ClientSampleId :

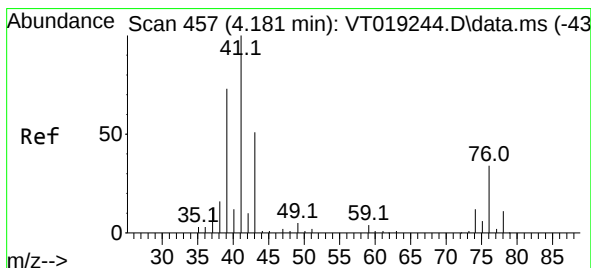
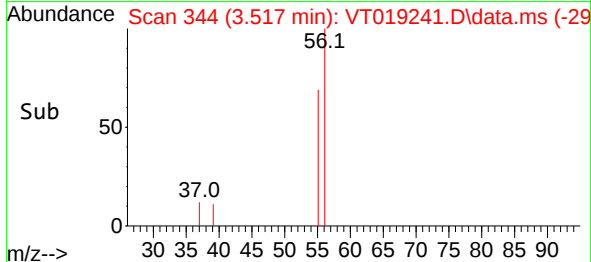
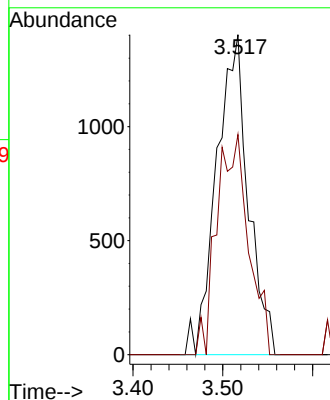
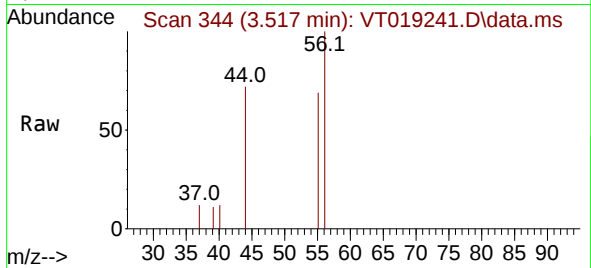
VSTDIC005

Tgt Ion: 56 Resp: 3449

Ion Ratio Lower Upper

56 100

55 68.7 55.1 82.7



#14

Allyl chloride

Concen: 5.254 ug/l

RT: 4.181 min Scan# 457

Delta R.T. -0.000 min

Lab File: VT019241.D

Acq: 8 Dec 2025 10:10

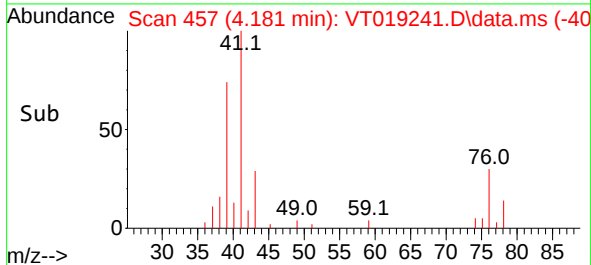
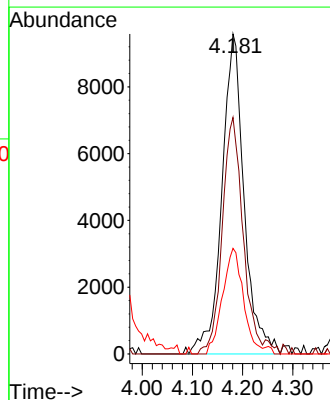
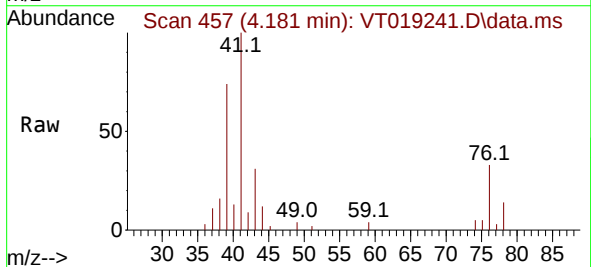
Tgt Ion: 41 Resp: 29463

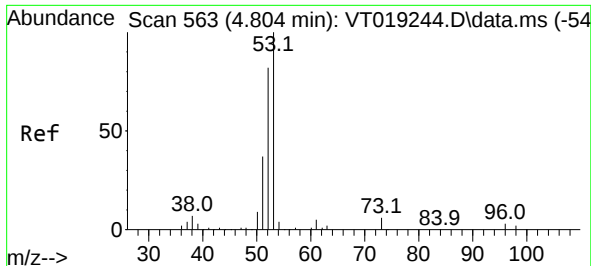
Ion Ratio Lower Upper

41 100

39 68.3 55.7 83.5

76 30.9 26.6 39.8

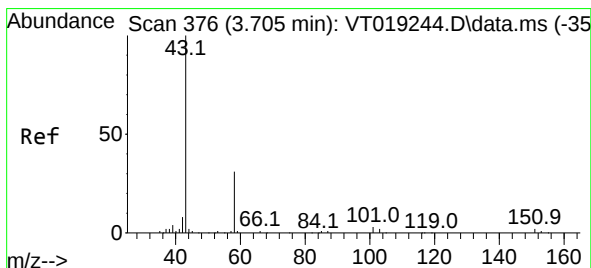
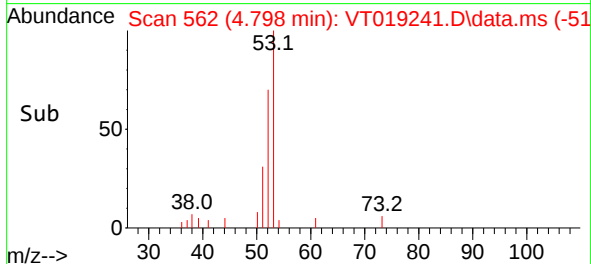
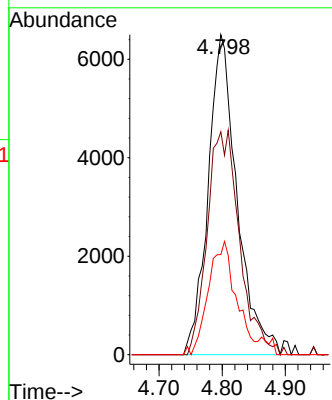
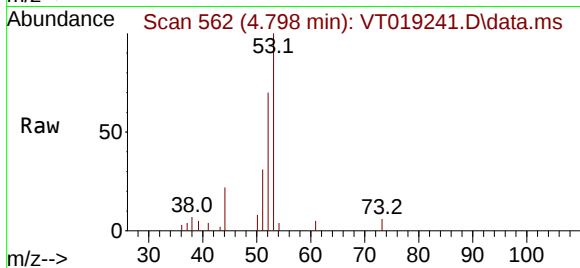




#15
Acrylonitrile
Concen: 26.488 ug/l
RT: 4.798 min Scan# 51
Delta R.T. -0.006 min
Lab File: VT019241.D
Acq: 8 Dec 2025 10:10

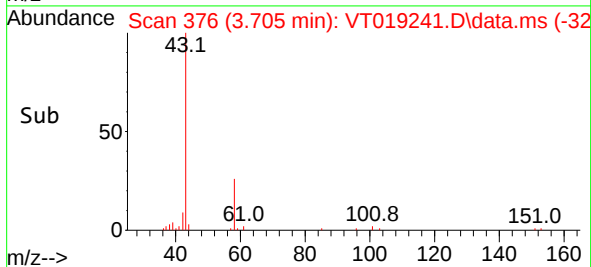
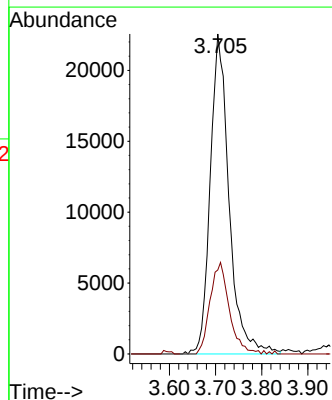
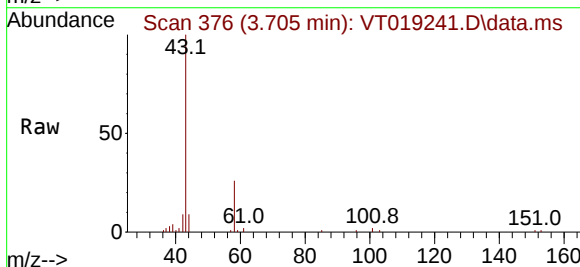
Instrument :
MSVOA_T
ClientSampleId :
VSTDICC005

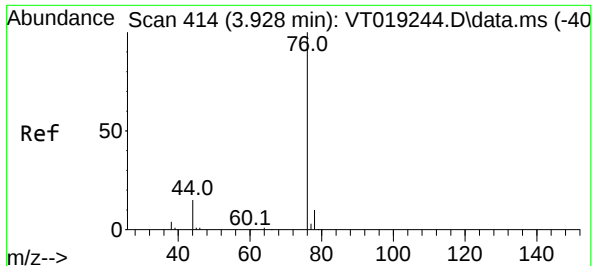
Tgt Ion: 53	Resp: 20734
Ion Ratio	Lower Upper
53 100	
52 77.9	64.9 97.3
51 33.6	29.7 44.5



#16
Acetone
Concen: 7.167 ug/l
RT: 3.705 min Scan# 376
Delta R.T. -0.000 min
Lab File: VT019241.D
Acq: 8 Dec 2025 10:10

Tgt Ion: 43	Resp: 63984
Ion Ratio	Lower Upper
43 100	
58 26.3	25.0 37.6





#17

Carbon Disulfide

Concen: 5.375 ug/l

RT: 3.928 min Scan# 414

Delta R.T. -0.000 min

Lab File: VT019241.D

Acq: 8 Dec 2025 10:10

Instrument :

MSVOA_T

ClientSampleId :

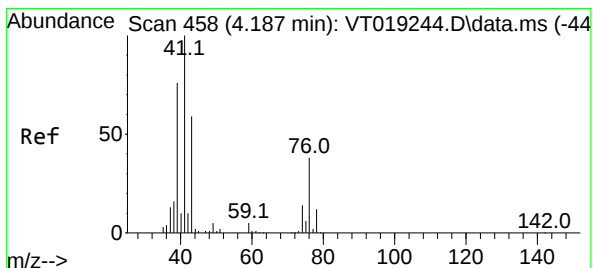
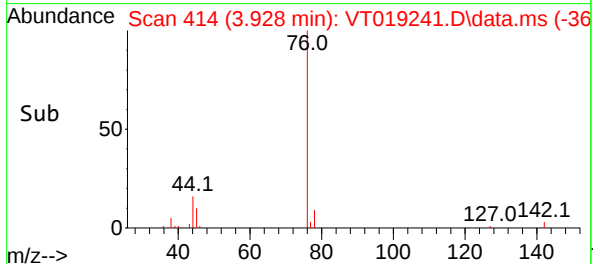
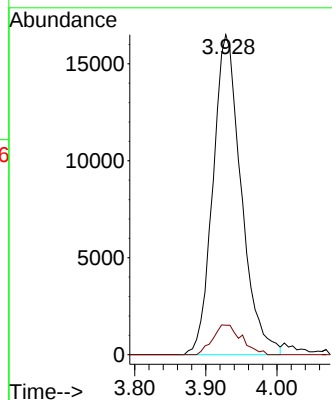
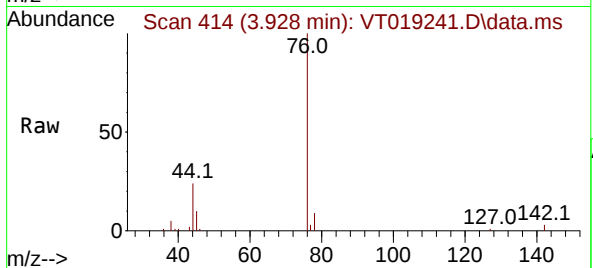
VSTDIC005

Tgt Ion: 76 Resp: 45524

Ion Ratio Lower Upper

76 100

78 9.2 8.0 12.0



#18

Methyl Acetate

Concen: 4.457 ug/l

RT: 4.187 min Scan# 458

Delta R.T. -0.000 min

Lab File: VT019241.D

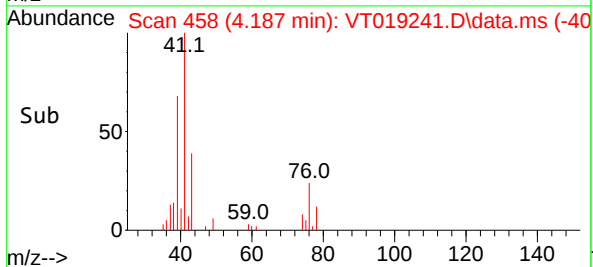
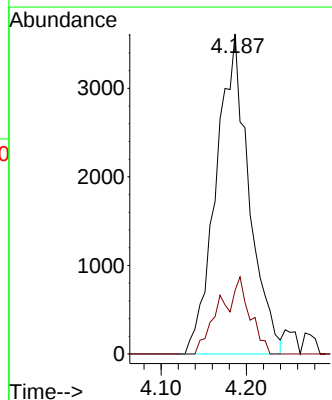
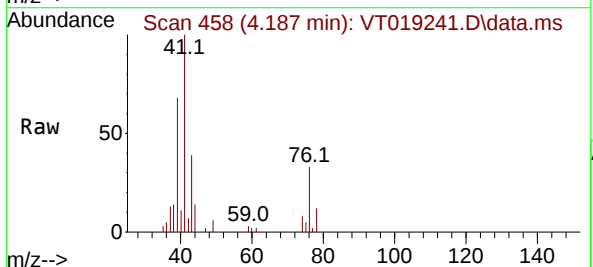
Acq: 8 Dec 2025 10:10

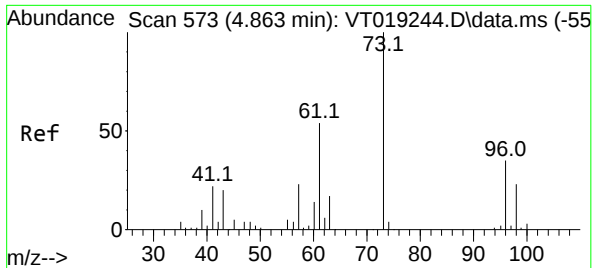
Tgt Ion: 43 Resp: 9682

Ion Ratio Lower Upper

43 100

74 22.1 17.9 26.9

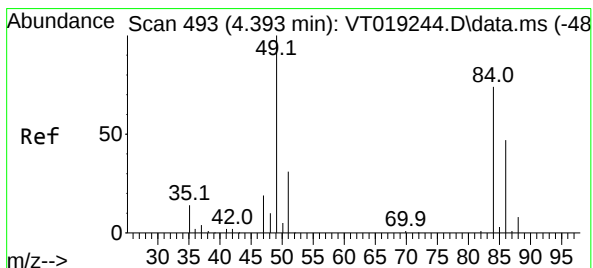
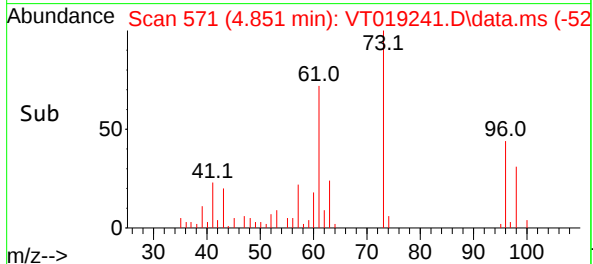
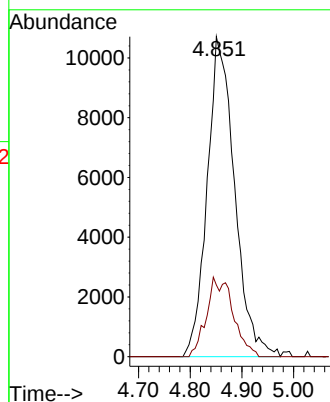
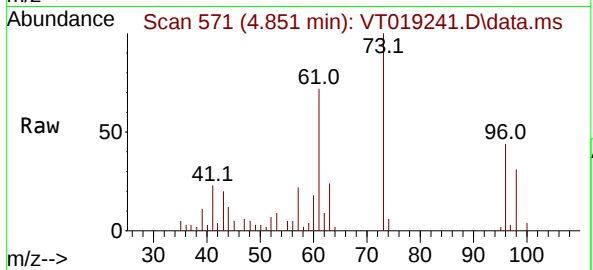




#19
Methyl tert-butyl Ether
Concen: 5.217 ug/l
RT: 4.851 min Scan# 51
Delta R.T. -0.012 min
Lab File: VT019241.D
Acq: 8 Dec 2025 10:10

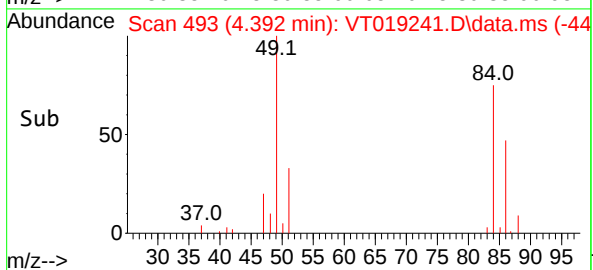
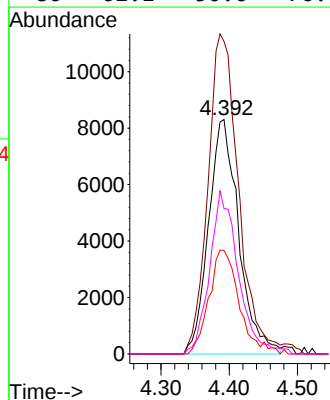
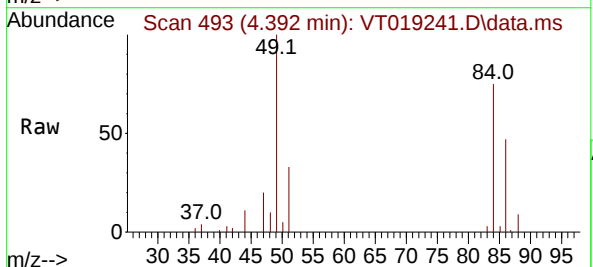
Instrument :
MSVOA_T
ClientSampleId :
VSTDIC005

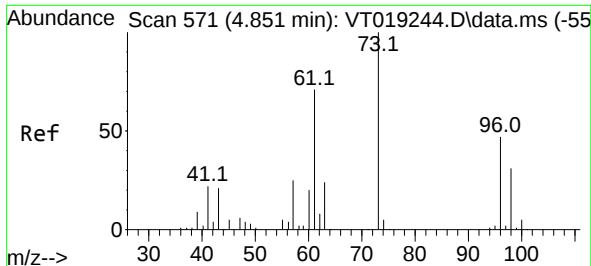
Tgt Ion: 73 Resp: 39372
Ion Ratio Lower Upper
73 100
57 22.4 18.6 27.8



#20
Methylene Chloride
Concen: 6.328 ug/l
RT: 4.392 min Scan# 493
Delta R.T. -0.000 min
Lab File: VT019241.D
Acq: 8 Dec 2025 10:10

Tgt Ion: 84 Resp: 25534
Ion Ratio Lower Upper
84 100
49 133.3 108.7 163.1
51 44.1 33.2 49.8
86 62.1 50.6 76.0





#21

trans-1,2-Dichloroethene

Concen: 5.471 ug/l

RT: 4.845 min Scan# 571

Delta R.T. -0.006 min

Lab File: VT019241.D

Acq: 8 Dec 2025 10:10

Instrument :

MSVOA_T

ClientSampleId :

VSTDIC005

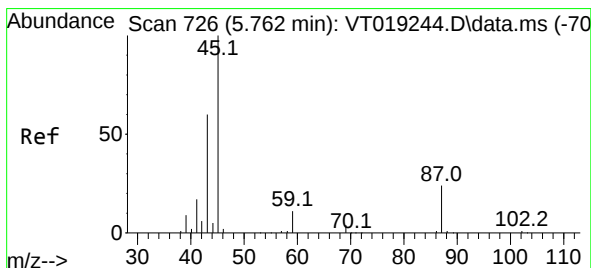
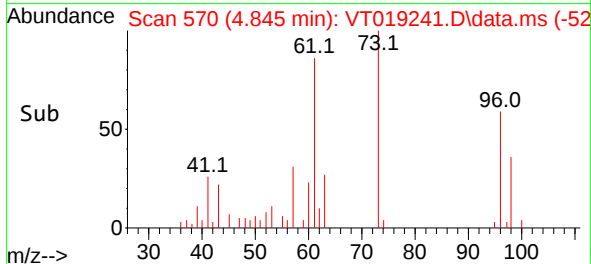
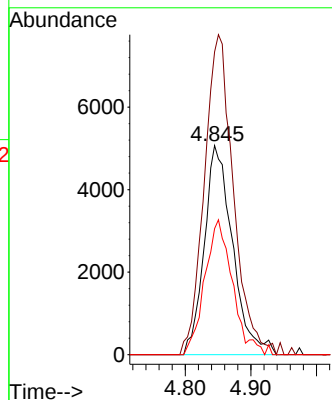
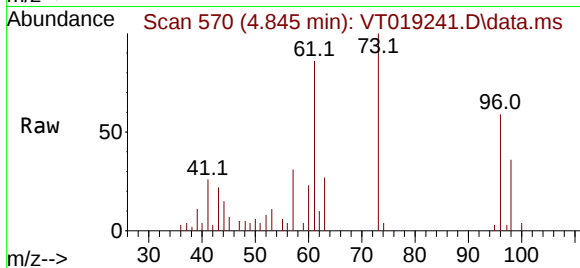
Tgt Ion: 96 Resp: 15177

Ion Ratio Lower Upper

96 100

61 144.9 120.9 181.3

98 60.3 51.8 77.8



#22

Diisopropyl ether

Concen: 5.168 ug/l

RT: 5.761 min Scan# 726

Delta R.T. -0.000 min

Lab File: VT019241.D

Acq: 8 Dec 2025 10:10

Tgt Ion: 45 Resp: 49631

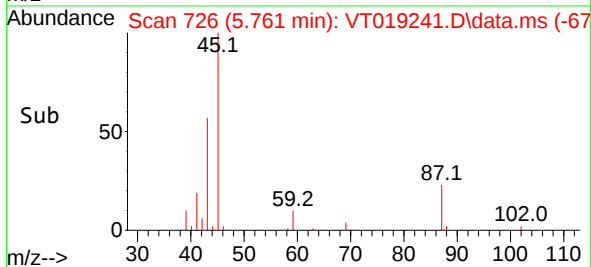
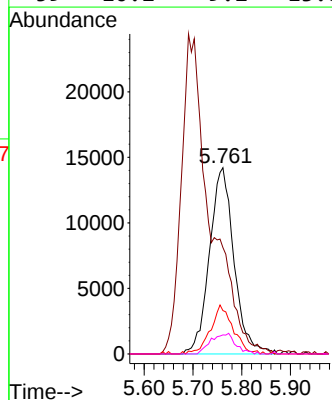
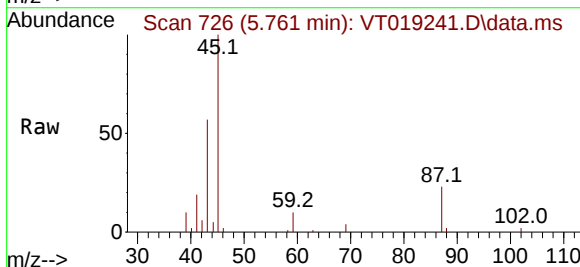
Ion Ratio Lower Upper

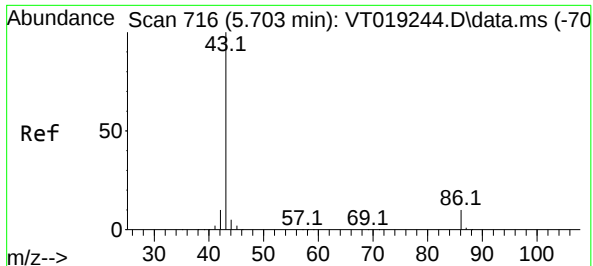
45 100

43 55.1 48.2 72.4

87 23.2 19.7 29.5

59 10.2 9.2 13.8

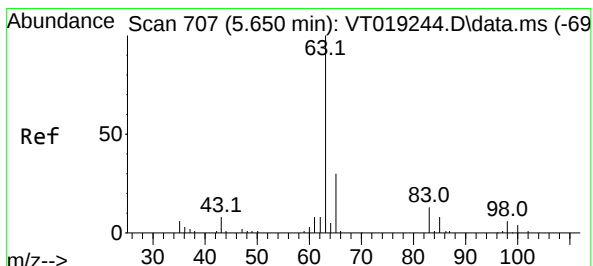
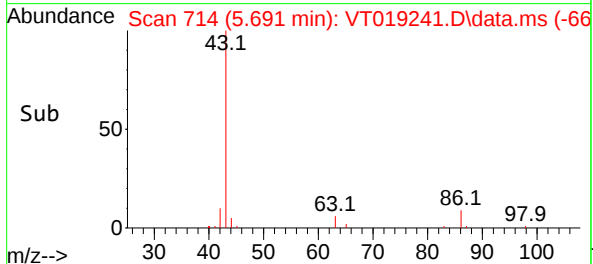
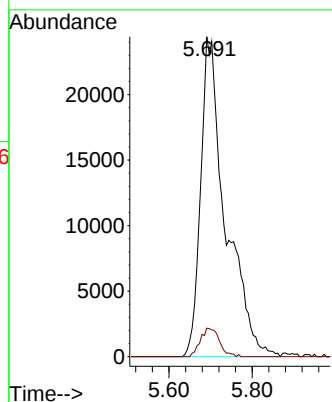
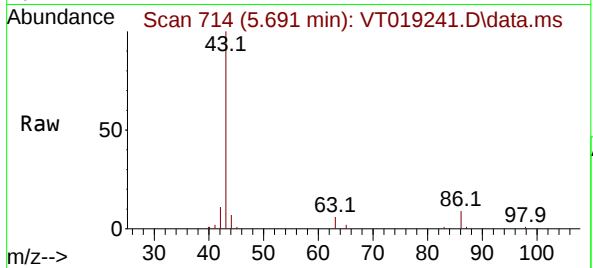




#23
 Vinyl Acetate
 Concen: 24.261 ug/l
 RT: 5.691 min Scan# 716
 Delta R.T. -0.012 min
 Lab File: VT019241.D
 Acq: 8 Dec 2025 10:10

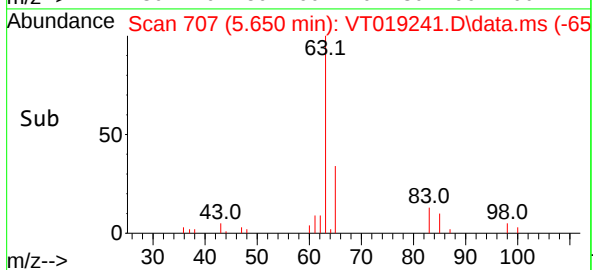
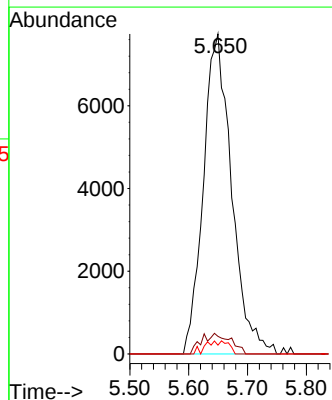
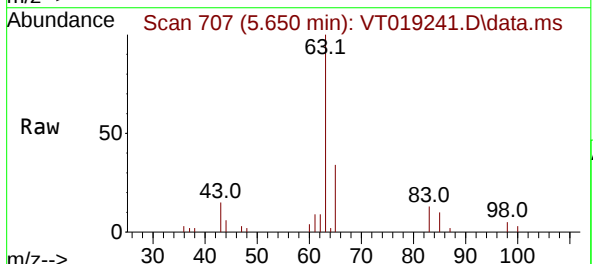
Instrument :
 MSVOA_T
 ClientSampleId :
 VSTDIC005

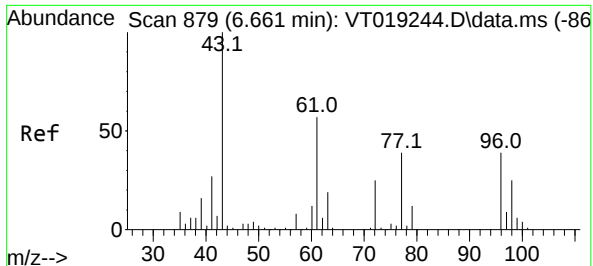
Tgt Ion: 43 Resp: 101247
 Ion Ratio Lower Upper
 43 100
 86 8.9 7.8 11.6



#24
 1,1-Dichloroethane
 Concen: 5.170 ug/l
 RT: 5.650 min Scan# 707
 Delta R.T. -0.000 min
 Lab File: VT019241.D
 Acq: 8 Dec 2025 10:10

Tgt Ion: 63 Resp: 25852
 Ion Ratio Lower Upper
 63 100
 98 5.5 3.2 9.6
 100 2.8 2.0 5.8





#25

2-Butanone

Concen: 28.075 ug/l

RT: 6.654 min Scan# 81

Delta R.T. -0.006 min

Lab File: VT019241.D

Acq: 8 Dec 2025 10:10

Instrument :

MSVOA_T

ClientSampleId :

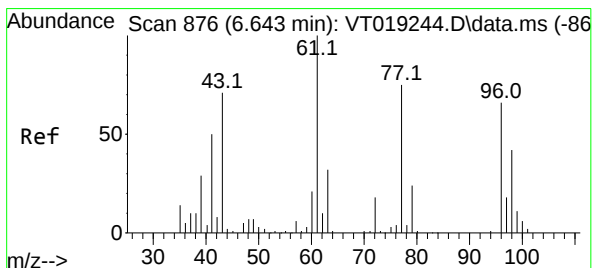
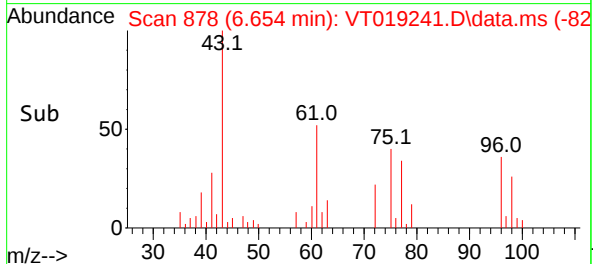
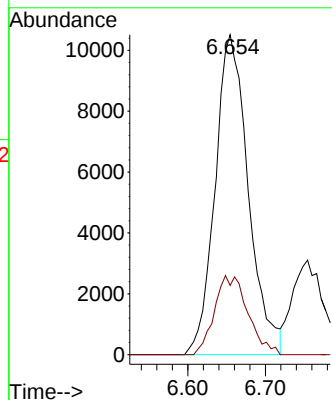
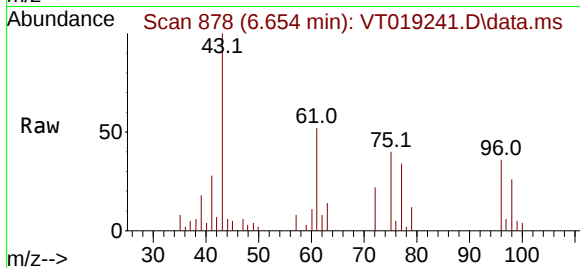
VSTDIC005

Tgt Ion: 43 Resp: 31329

Ion Ratio Lower Upper

43 100

72 21.6 19.8 29.6



#26

2,2-Dichloropropane

Concen: 5.015 ug/l

RT: 6.631 min Scan# 874

Delta R.T. -0.012 min

Lab File: VT019241.D

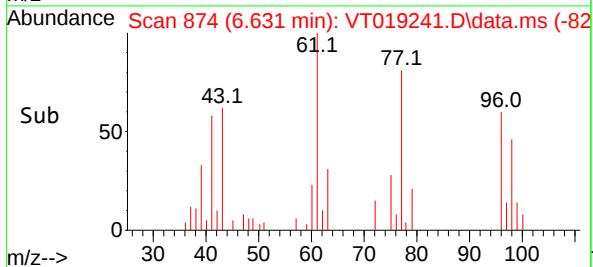
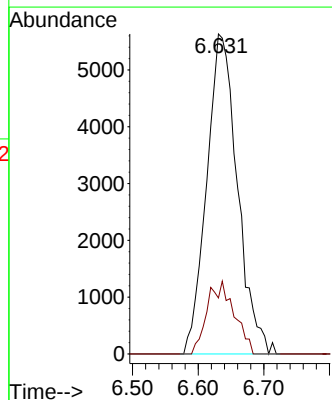
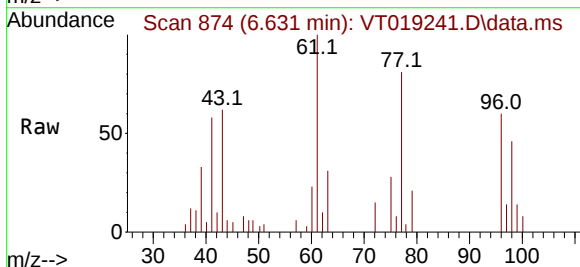
Acq: 8 Dec 2025 10:10

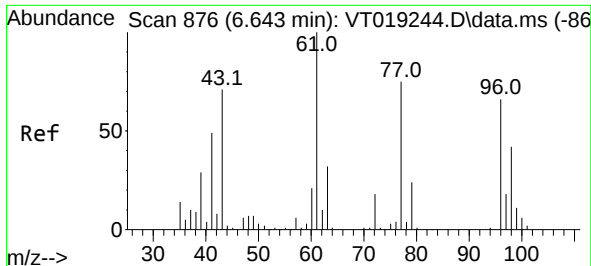
Tgt Ion: 77 Resp: 18326

Ion Ratio Lower Upper

77 100

97 9.4 11.3 33.8#



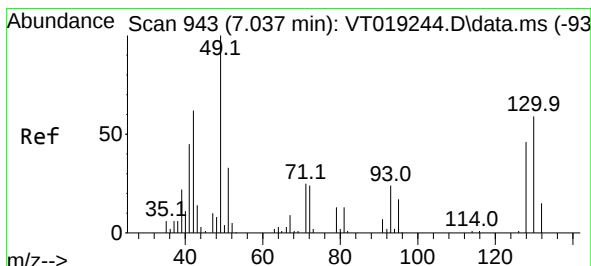
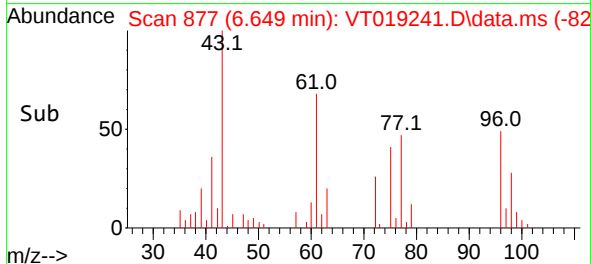
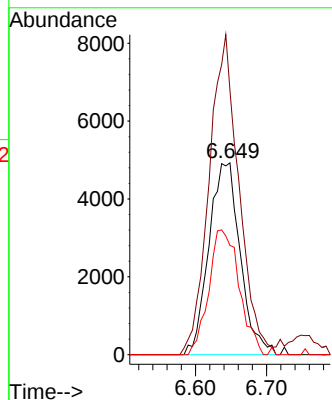
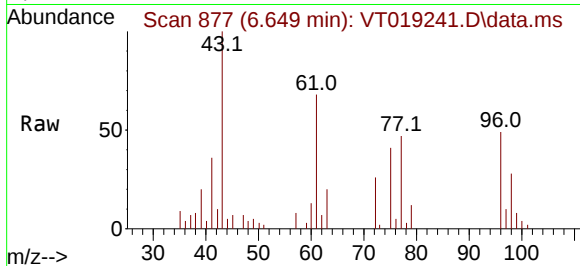


#27
 cis-1,2-Dichloroethene
 Concen: 5.209 ug/l
 RT: 6.649 min Scan# 81
 Delta R.T. 0.006 min
 Lab File: VT019241.D
 Acq: 8 Dec 2025 10:10

Instrument :
 MSVOA_T
 ClientSampleId :
 VSTDIC005

Tgt Ion: 96 Resp: 15096

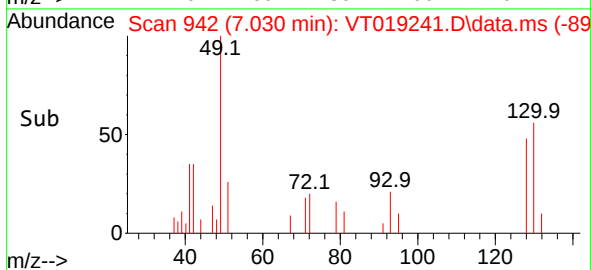
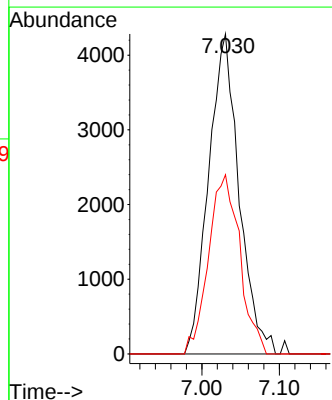
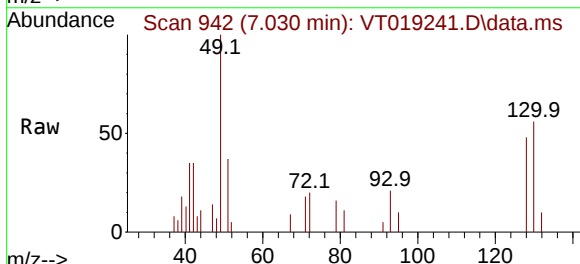
Ion	Ratio	Lower	Upper
96	100		
61	158.1	0.0	305.8
98	63.2	0.0	128.2

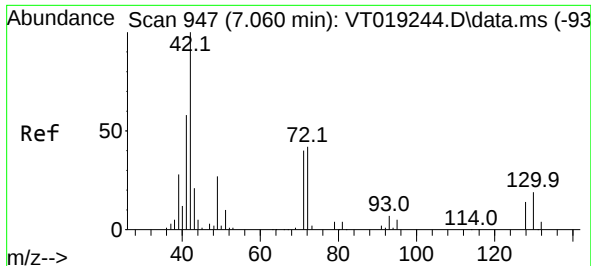


#28
 Bromochloromethane
 Concen: 5.258 ug/l
 RT: 7.030 min Scan# 942
 Delta R.T. -0.006 min
 Lab File: VT019241.D
 Acq: 8 Dec 2025 10:10

Tgt Ion: 49 Resp: 11677

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	0.4
130	57.6	48.2	72.4





#29

Tetrahydrofuran

Concen: 24.985 ug/l

RT: 7.060 min Scan# 947

Delta R.T. -0.000 min

Lab File: VT019241.D

Acq: 8 Dec 2025 10:10

Instrument :

MSVOA_T

ClientSampleId :

VSTDIC005

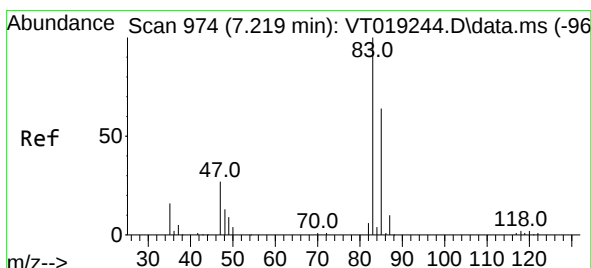
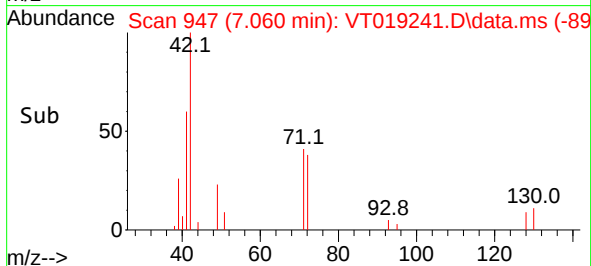
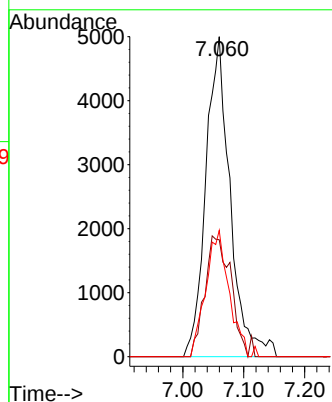
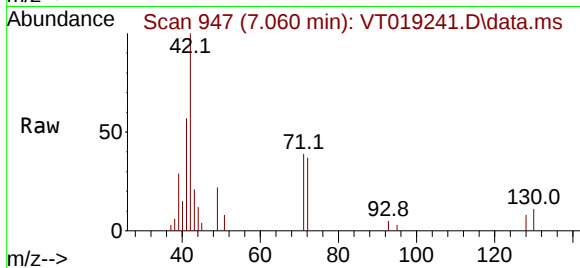
Tgt Ion: 42 Resp: 13863

Ion Ratio Lower Upper

42 100

72 40.0 33.0 49.6

71 37.6 30.6 46.0



#30

Chloroform

Concen: 5.051 ug/l

RT: 7.218 min Scan# 974

Delta R.T. -0.000 min

Lab File: VT019241.D

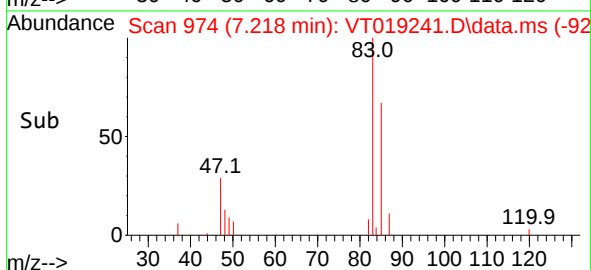
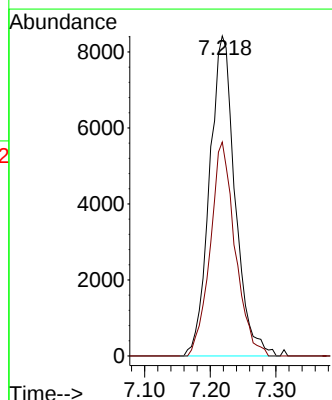
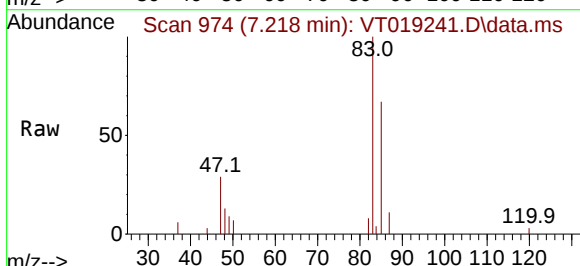
Acq: 8 Dec 2025 10:10

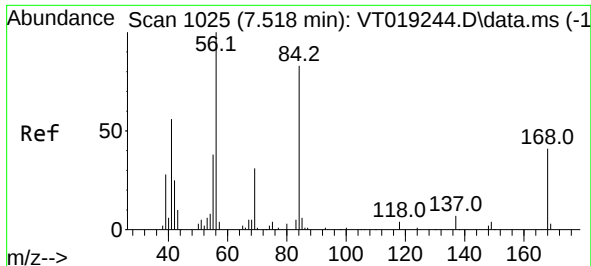
Tgt Ion: 83 Resp: 22718

Ion Ratio Lower Upper

83 100

85 66.8 51.2 76.8

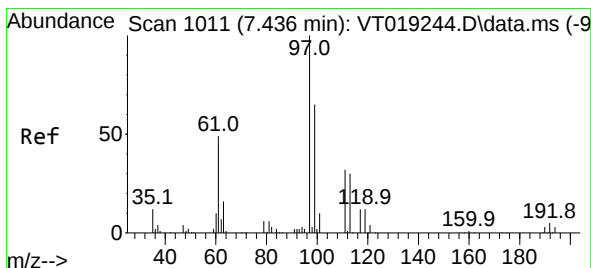
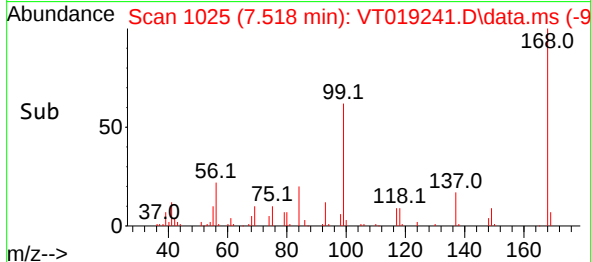
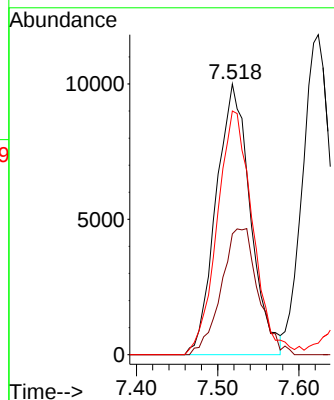
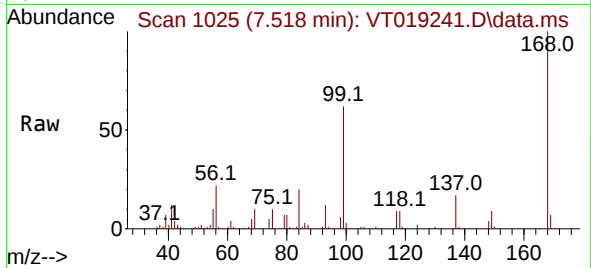




#31
Cyclohexane
Concen: 5.764 ug/l
RT: 7.518 min Scan# 1025
Delta R.T. -0.000 min
Lab File: VT019241.D
Acq: 8 Dec 2025 10:10

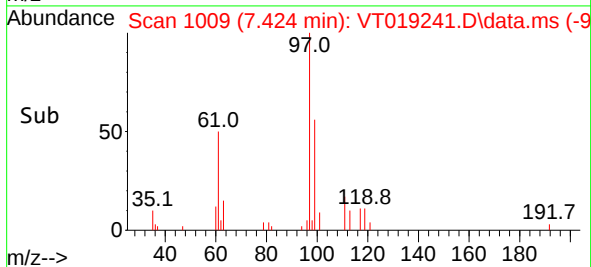
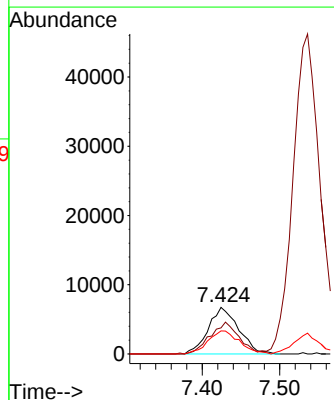
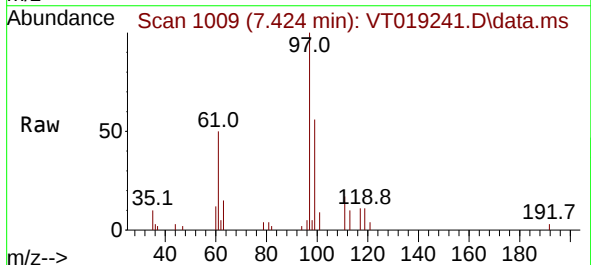
Instrument :
MSVOA_T
ClientSampleId :
VSTDIC005

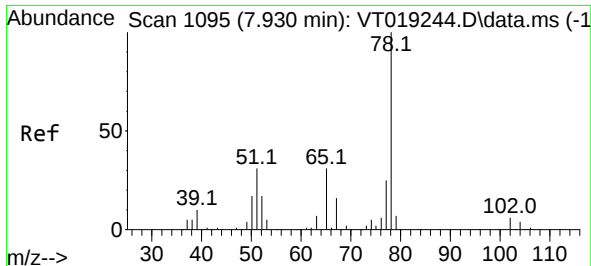
Tgt Ion: 56 Resp: 29274
Ion Ratio Lower Upper
56 100
69 44.6 25.1 37.7#
84 90.0 66.3 99.5



#32
1,1,1-Trichloroethane
Concen: 5.062 ug/l
RT: 7.424 min Scan# 1009
Delta R.T. -0.012 min
Lab File: VT019241.D
Acq: 8 Dec 2025 10:10

Tgt Ion: 97 Resp: 18298
Ion Ratio Lower Upper
97 100
99 64.4 50.8 76.2
61 51.0 38.4 57.6

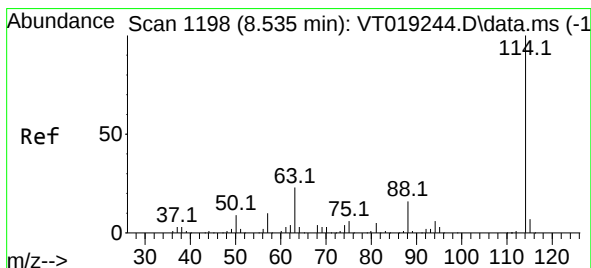
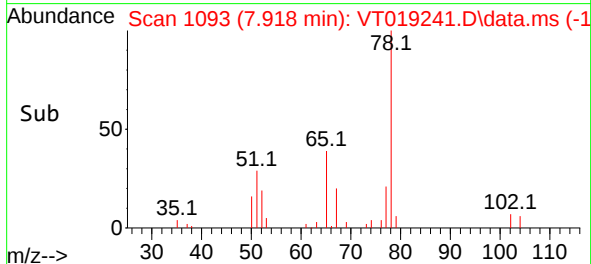
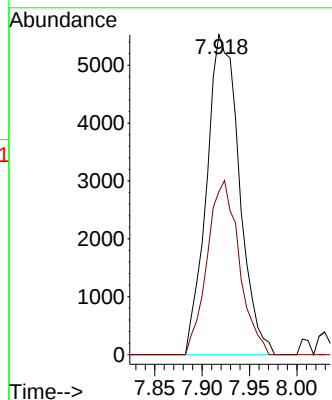
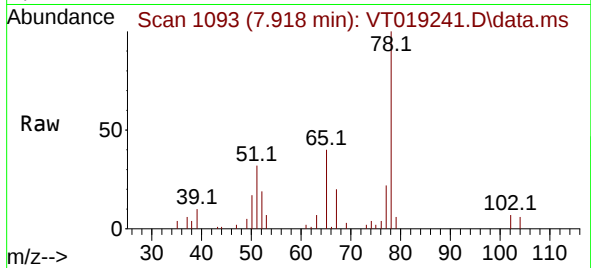




#33
 1,2-Dichloroethane-d4
 Concen: 5.240 ug/l
 RT: 7.918 min Scan# 1093
 Delta R.T. -0.012 min
 Lab File: VT019241.D
 Acq: 8 Dec 2025 10:10

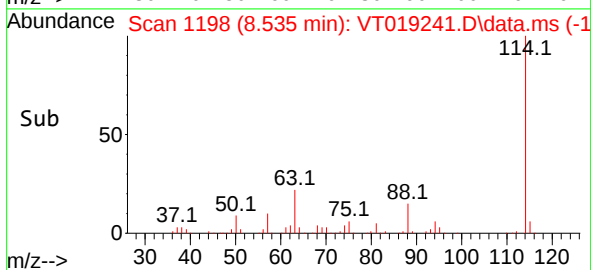
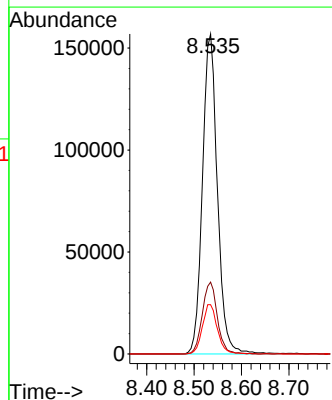
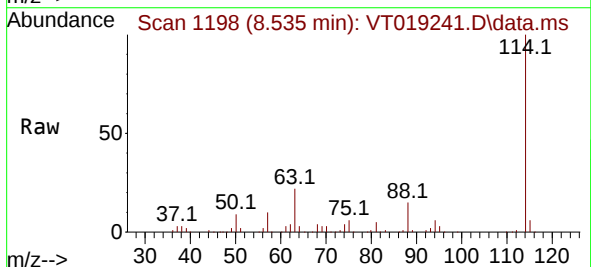
Instrument :
 MSVOA_T
 ClientSampleId :
 VSTDIC005

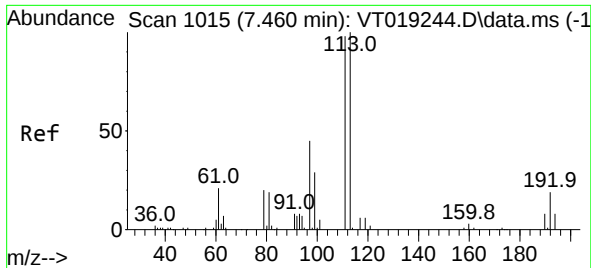
Tgt Ion: 65 Resp: 13275
 Ion Ratio Lower Upper
 65 100
 67 53.2 0.0 106.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.535 min Scan# 1198
 Delta R.T. -0.000 min
 Lab File: VT019241.D
 Acq: 8 Dec 2025 10:10

Tgt Ion: 114 Resp: 343327
 Ion Ratio Lower Upper
 114 100
 63 22.5 0.0 45.2
 88 15.4 0.0 31.4

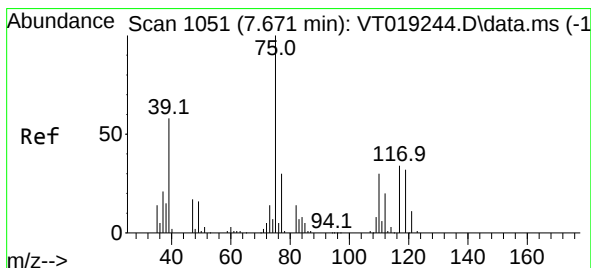
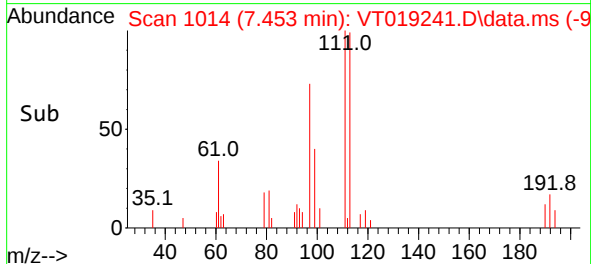
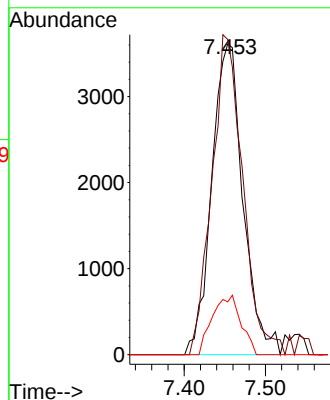
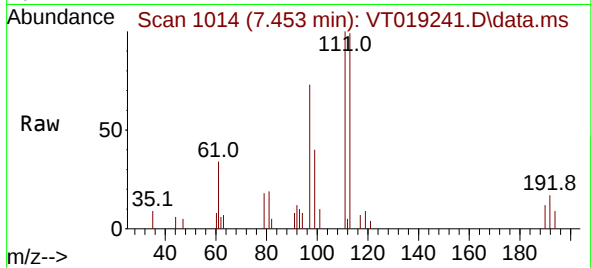




#35
 Dibromofluoromethane
 Concen: 4.786 ug/l
 RT: 7.453 min Scan# 1014
 Delta R.T. -0.006 min
 Lab File: VT019241.D
 Acq: 8 Dec 2025 10:10

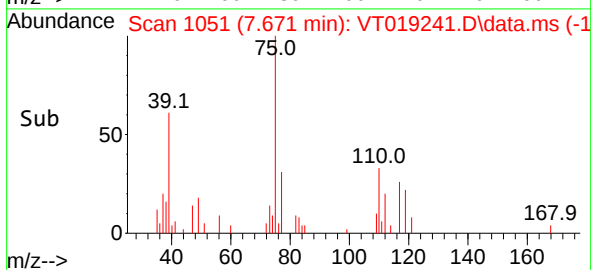
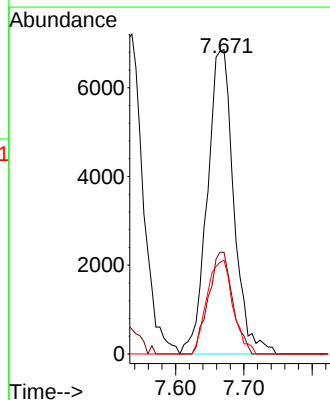
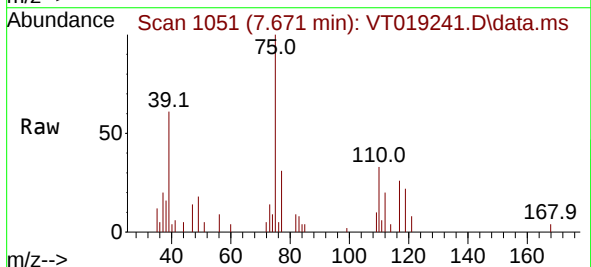
Instrument :
 MSVOA_T
 ClientSampleId :
 VSTDIC005

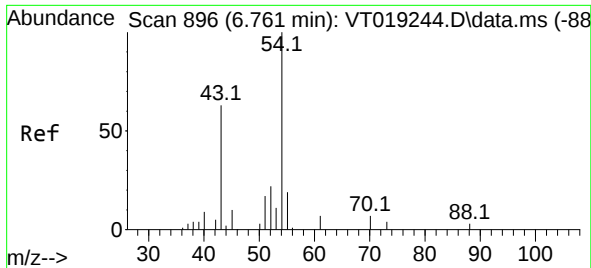
Tgt Ion:113 Resp: 9676
 Ion Ratio Lower Upper
 113 100
 111 101.5 82.7 124.1
 192 17.4 14.2 21.4



#36
 1,1-Dichloropropene
 Concen: 5.208 ug/l
 RT: 7.671 min Scan# 1051
 Delta R.T. -0.000 min
 Lab File: VT019241.D
 Acq: 8 Dec 2025 10:10

Tgt Ion: 75 Resp: 18514
 Ion Ratio Lower Upper
 75 100
 110 30.6 16.1 48.3
 77 30.3 24.4 36.6





#37

Ethyl Acetate

Concen: 4.969 ug/l

RT: 6.754 min Scan# 896

Delta R.T. -0.006 min

Lab File: VT019241.D

Acq: 8 Dec 2025 10:10

Instrument :

MSVOA_T

ClientSampleId :

VSTDICC005

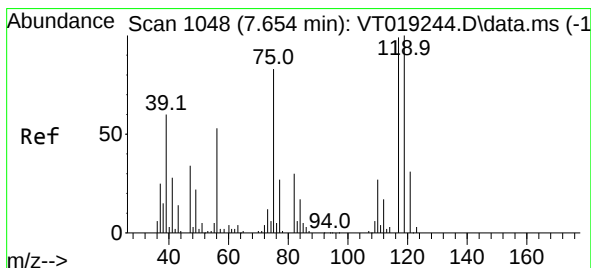
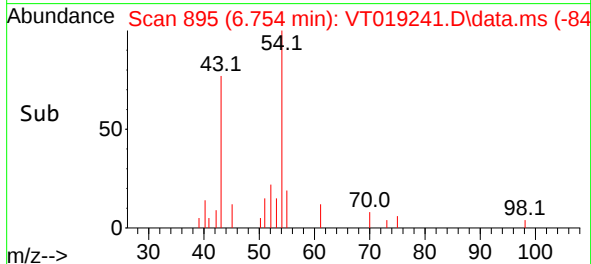
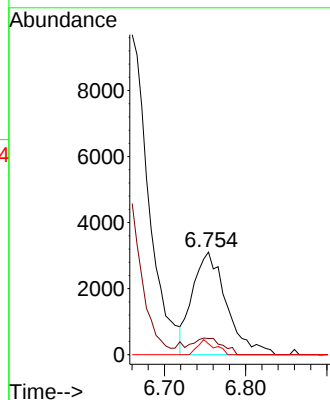
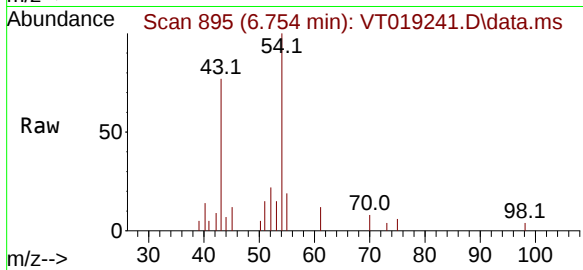
Tgt Ion: 43 Resp: 9048

Ion Ratio Lower Upper

43 100

61 14.1 11.7 17.5

70 7.3 7.1 10.7



#38

Carbon Tetrachloride

Concen: 4.601 ug/l

RT: 7.653 min Scan# 1048

Delta R.T. -0.000 min

Lab File: VT019241.D

Acq: 8 Dec 2025 10:10

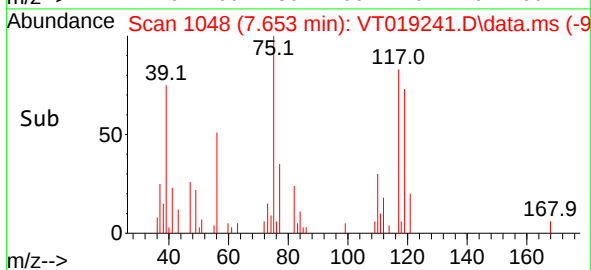
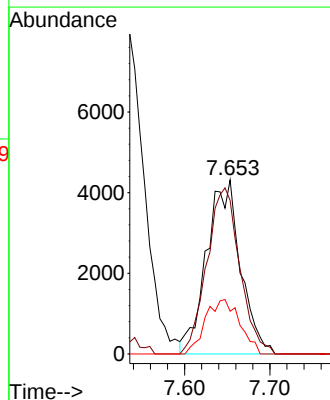
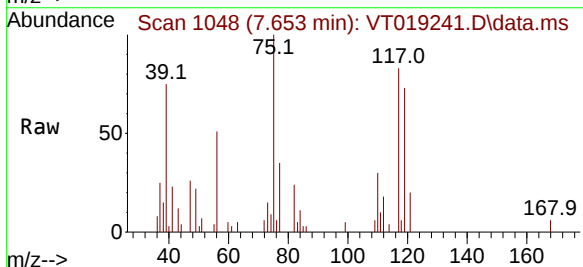
Tgt Ion: 117 Resp: 11933

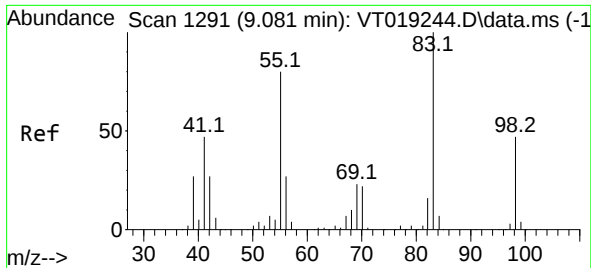
Ion Ratio Lower Upper

117 100

119 88.2 80.1 120.1

121 24.6 25.1 37.7#

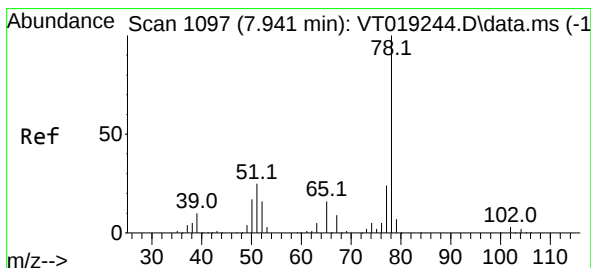
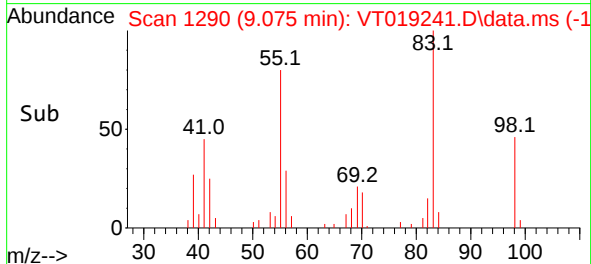
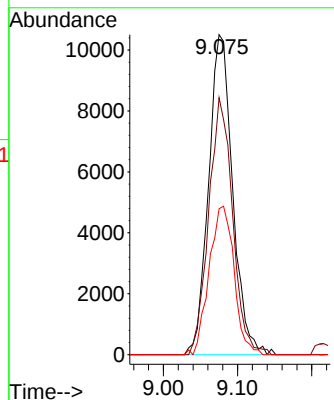
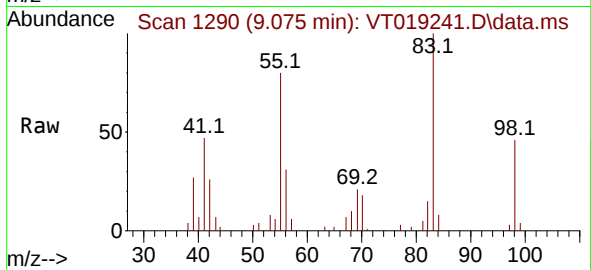




#39
Methylcyclohexane
Concen: 4.986 ug/l
RT: 9.075 min Scan# 11
Delta R.T. -0.006 min
Lab File: VT019241.D
Acq: 8 Dec 2025 10:10

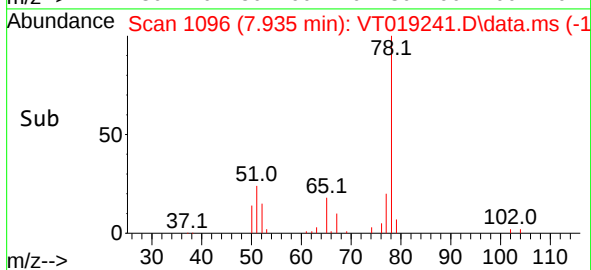
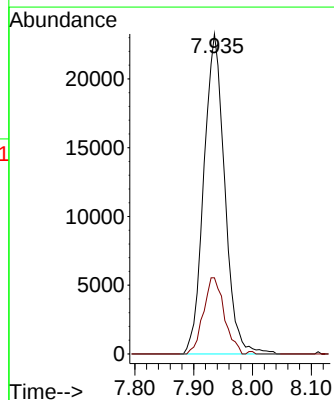
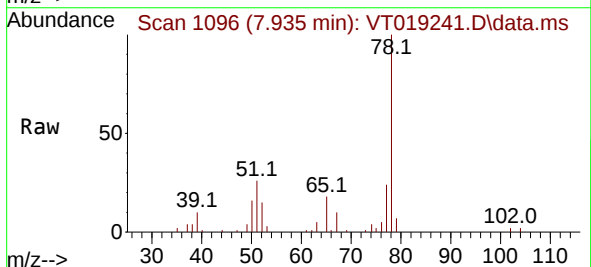
Instrument :
MSVOA_T
ClientSampleId :
VSTDIC005

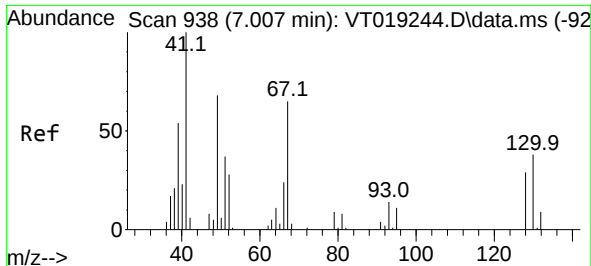
Tgt Ion: 83 Resp: 23698
Ion Ratio Lower Upper
83 100
55 80.3 64.2 96.4
98 45.6 37.2 55.8



#40
Benzene
Concen: 5.160 ug/l
RT: 7.935 min Scan# 1096
Delta R.T. -0.006 min
Lab File: VT019241.D
Acq: 8 Dec 2025 10:10

Tgt Ion: 78 Resp: 57342
Ion Ratio Lower Upper
78 100
77 23.8 19.4 29.2



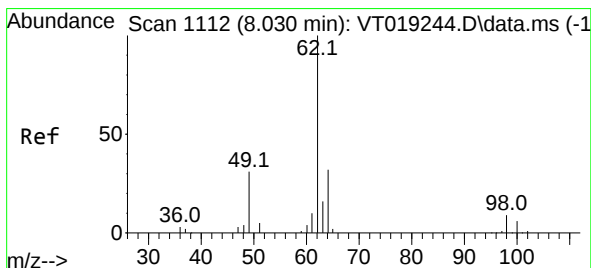
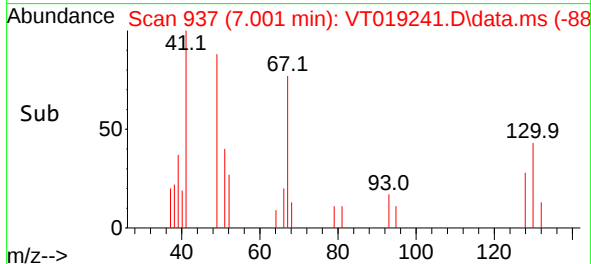
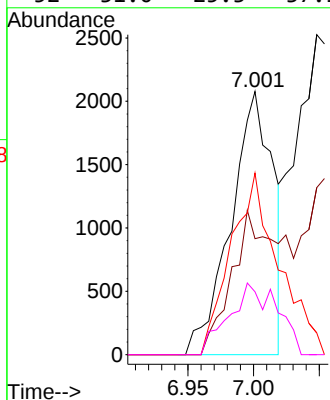
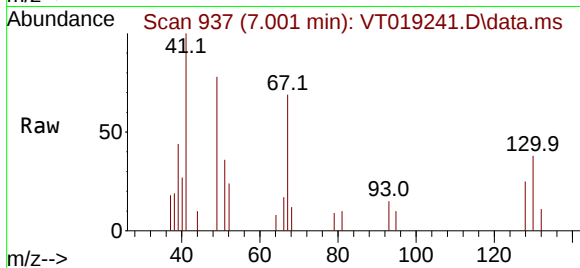


#41
Methacrylonitrile
Concen: 4.642 ug/l
RT: 7.001 min Scan# 91
Delta R.T. -0.006 min
Lab File: VT019241.D
Acq: 8 Dec 2025 10:10

Instrument :
MSVOA_T
ClientSampleId :
VSTDIC005

Tgt Ion: 41 Resp: 4637

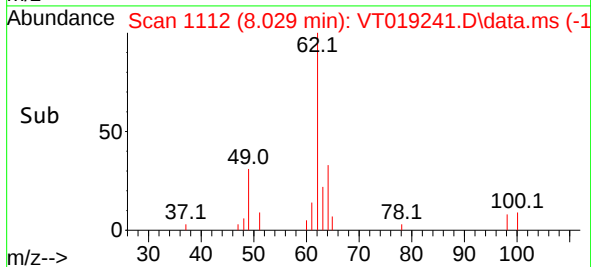
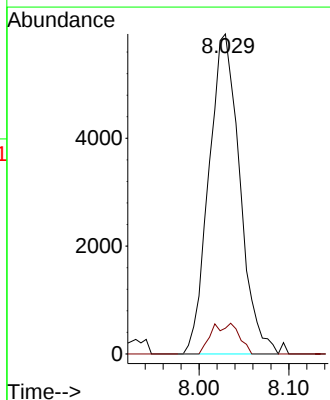
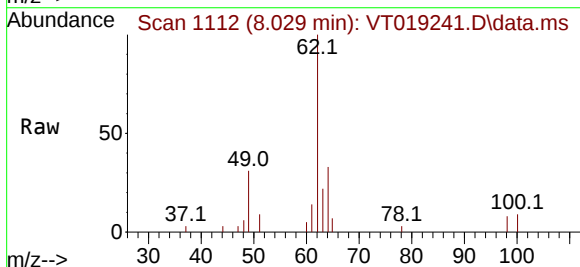
Ion	Ratio	Lower	Upper
41	100		
39	66.1	47.5	71.3
67	78.1	61.2	91.8
52	31.0	25.3	37.9

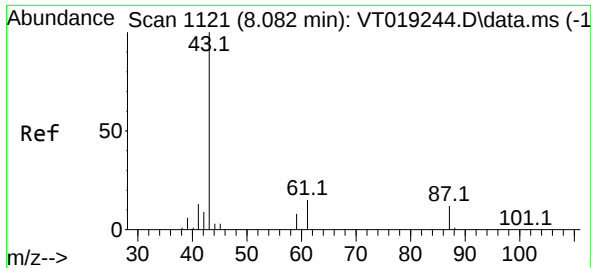


#42
1,2-Dichloroethane
Concen: 4.981 ug/l
RT: 8.029 min Scan# 1112
Delta R.T. -0.000 min
Lab File: VT019241.D
Acq: 8 Dec 2025 10:10

Tgt Ion: 62 Resp: 14184

Ion	Ratio	Lower	Upper
62	100		
98	8.5	0.0	18.0

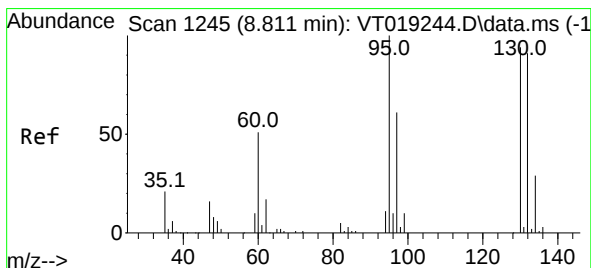
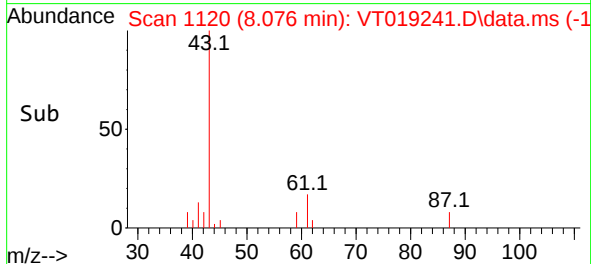
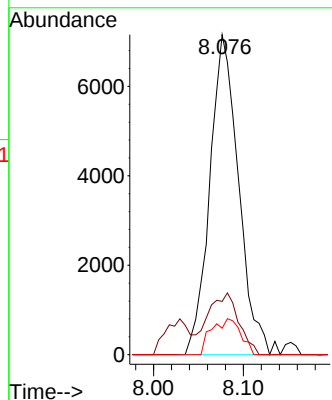
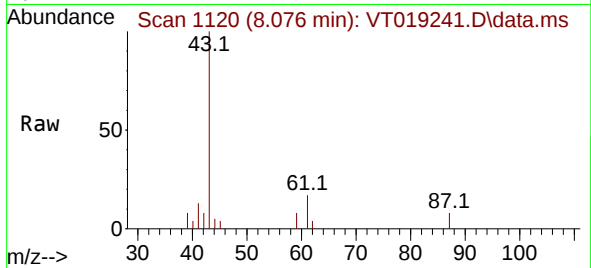




#43
Isopropyl Acetate
Concen: 4.683 ug/l
RT: 8.076 min Scan# 1121
Delta R.T. -0.006 min
Lab File: VT019241.D
Acq: 8 Dec 2025 10:10

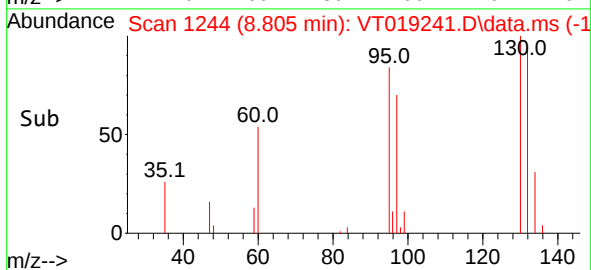
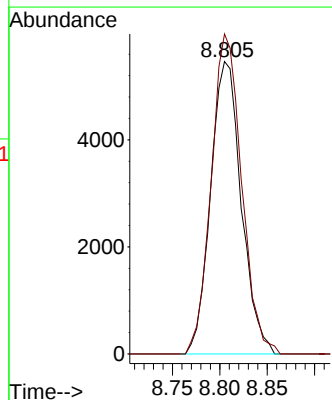
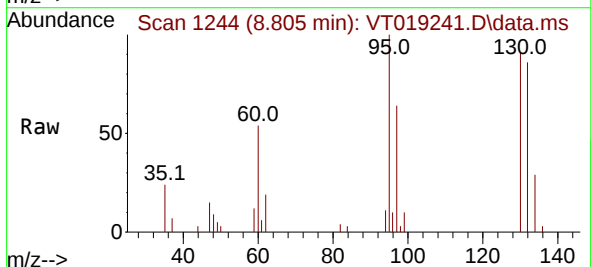
Instrument :
MSVOA_T
ClientSampleId :
VSTDICC005

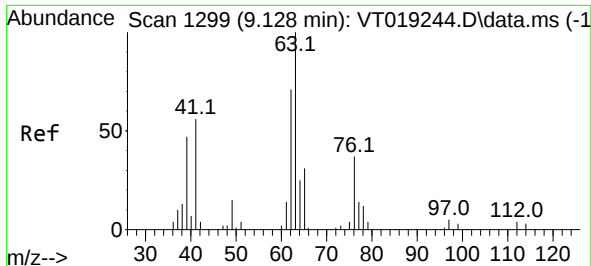
Tgt Ion:	43	Resp:	15951
Ion	Ratio	Lower	Upper
43	100		
61	20.3	15.9	23.9
87	11.3	9.8	14.6



#44
Trichloroethene
Concen: 5.263 ug/l
RT: 8.805 min Scan# 1244
Delta R.T. -0.006 min
Lab File: VT019241.D
Acq: 8 Dec 2025 10:10

Tgt Ion:	130	Resp:	12299
Ion	Ratio	Lower	Upper
130	100		
95	109.4	0.0	212.2





#45

1,2-Dichloropropane

Concen: 5.047 ug/l

RT: 9.122 min Scan# 1299

Delta R.T. -0.006 min

Lab File: VT019241.D

Acq: 8 Dec 2025 10:10

Instrument :

MSVOA_T

ClientSampleId :

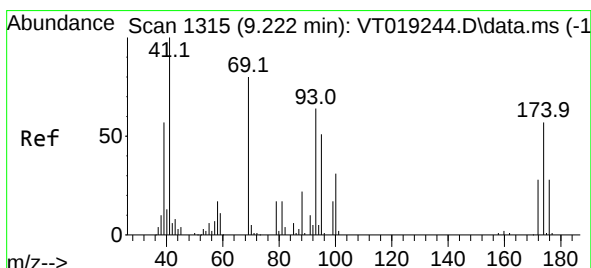
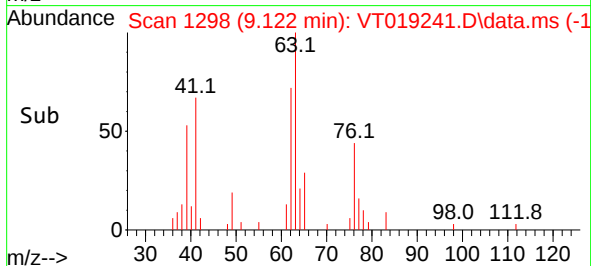
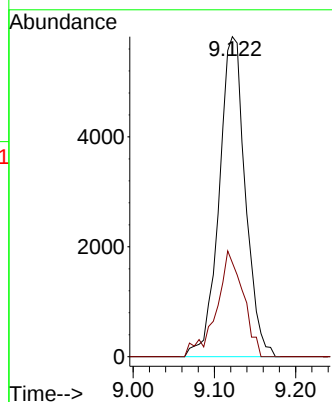
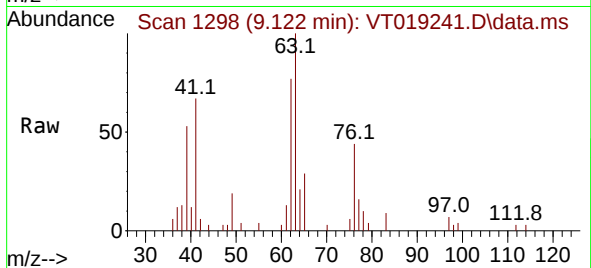
VSTDIC005

Tgt Ion: 63 Resp: 13055

Ion Ratio Lower Upper

63 100

65 29.3 24.6 37.0



#46

Dibromomethane

Concen: 4.700 ug/l

RT: 9.222 min Scan# 1315

Delta R.T. -0.000 min

Lab File: VT019241.D

Acq: 8 Dec 2025 10:10

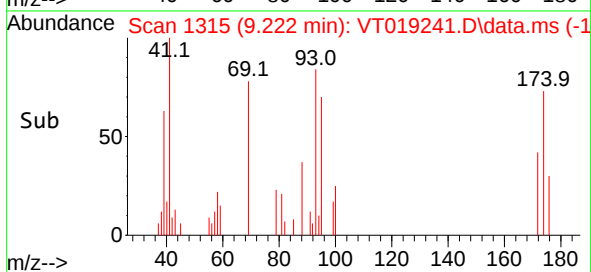
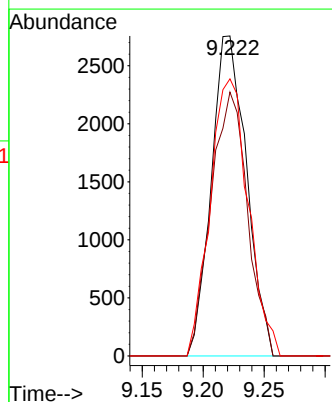
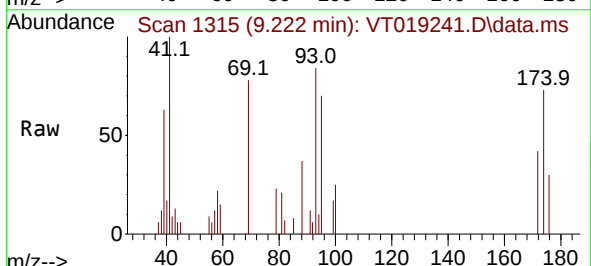
Tgt Ion: 93 Resp: 5531

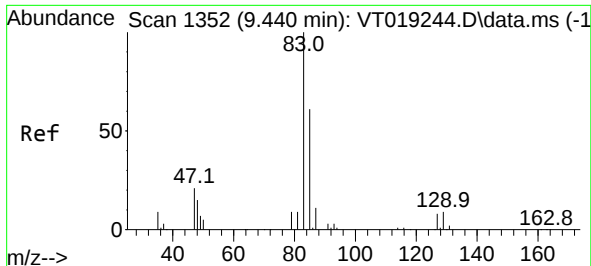
Ion Ratio Lower Upper

93 100

95 85.4 66.6 99.8

174 93.6 70.6 105.8

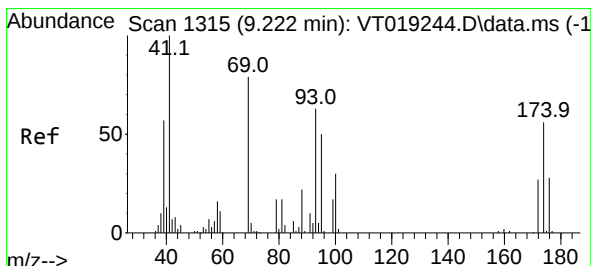
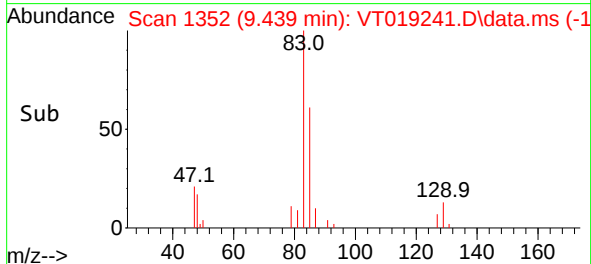
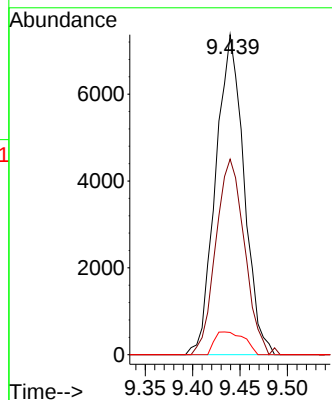
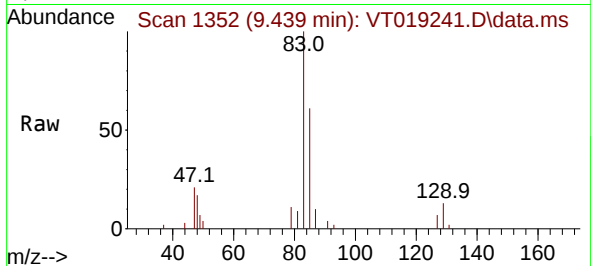




#47
Bromodichloromethane
Concen: 4.820 ug/l
RT: 9.439 min Scan# 11
Delta R.T. -0.000 min
Lab File: VT019241.D
Acq: 8 Dec 2025 10:10

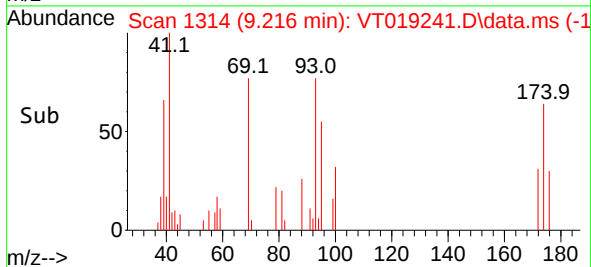
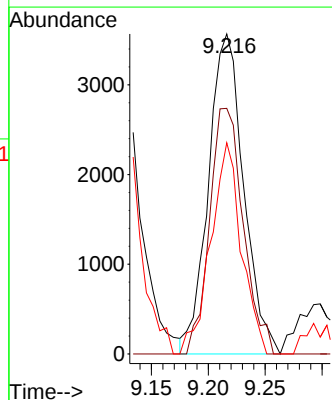
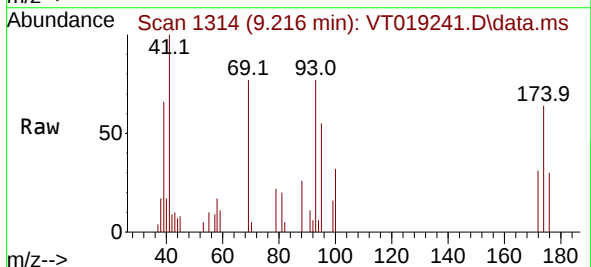
Instrument :
MSVOA_T
ClientSampleId :
VSTDIC005

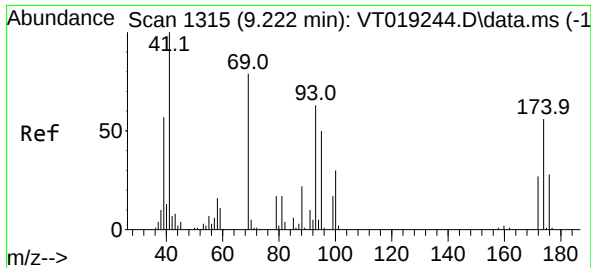
Tgt Ion: 83 Resp: 15288
Ion Ratio Lower Upper
83 100
85 61.1 48.6 73.0
127 6.9 6.3 9.5



#48
Methyl methacrylate
Concen: 4.729 ug/l
RT: 9.216 min Scan# 1314
Delta R.T. -0.006 min
Lab File: VT019241.D
Acq: 8 Dec 2025 10:10

Tgt Ion: 41 Resp: 7685
Ion Ratio Lower Upper
41 100
69 73.4 63.2 94.8
39 57.5 47.9 71.9





#49

1,4-Dioxane

Concen: 127.993 ug/l

RT: 9.222 min Scan# 1315

Delta R.T. -0.000 min

Lab File: VT019241.D

Acq: 8 Dec 2025 10:10

Instrument :

MSVOA_T

ClientSampleId :

VSTDIC005

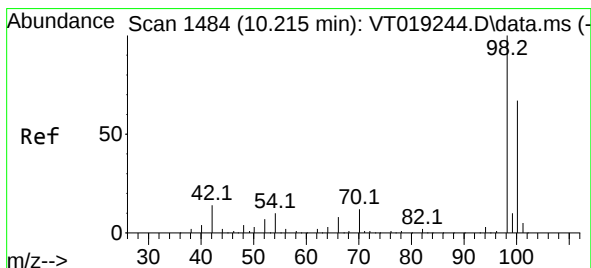
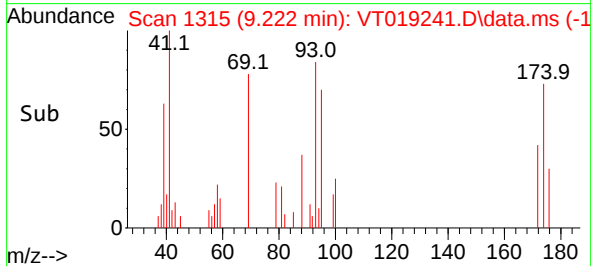
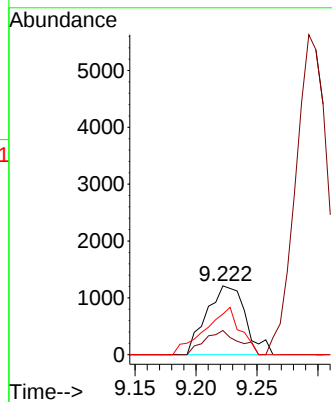
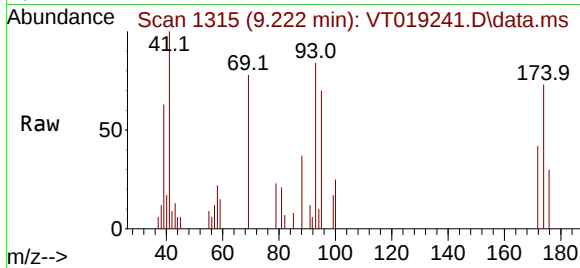
Tgt Ion: 88 Resp: 2693

Ion Ratio Lower Upper

88 100

43 31.5 31.4 47.0

58 62.0 58.6 87.8



#50

Toluene-d8

Concen: 4.977 ug/l

RT: 10.215 min Scan# 1484

Delta R.T. -0.000 min

Lab File: VT019241.D

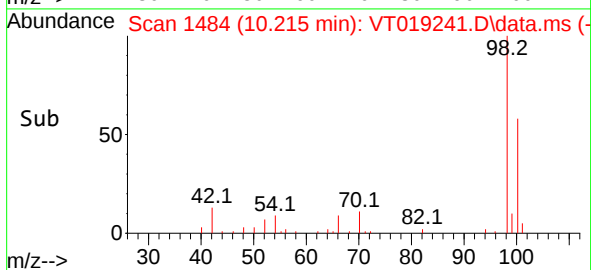
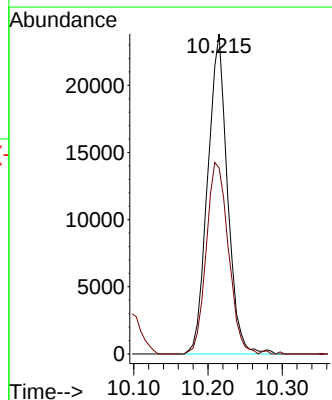
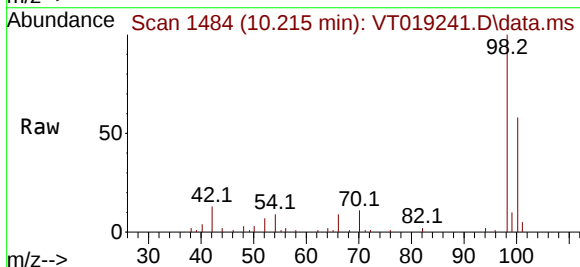
Acq: 8 Dec 2025 10:10

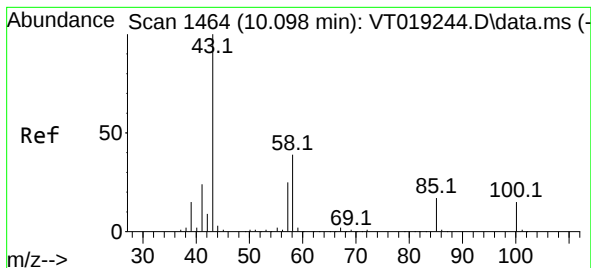
Tgt Ion: 98 Resp: 44201

Ion Ratio Lower Upper

98 100

100 66.9 52.8 79.2

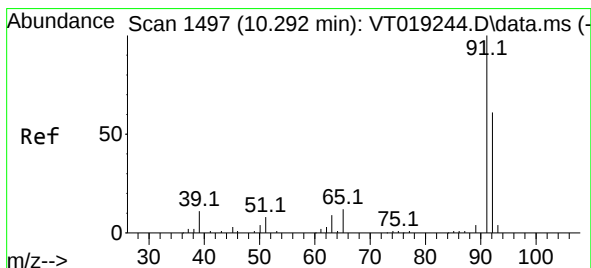
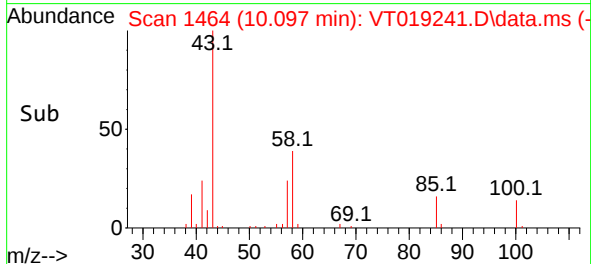
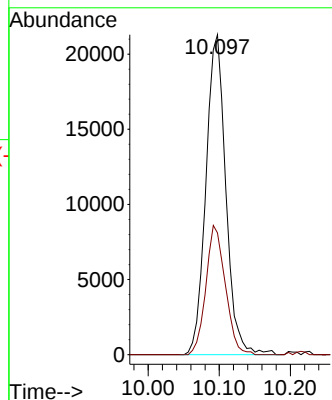
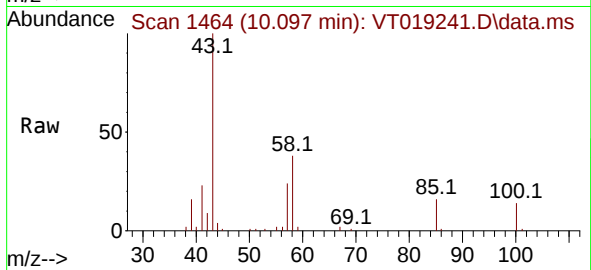




#51
4-Methyl-2-Pentanone
Concen: 24.700 ug/l
RT: 10.097 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VT019241.D
Acq: 8 Dec 2025 10:10

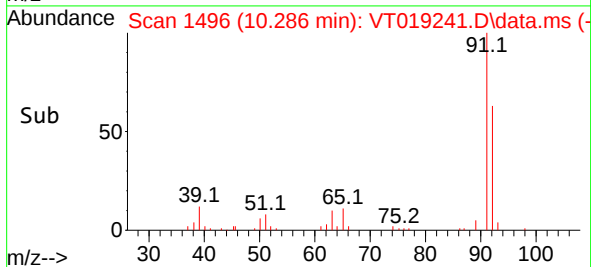
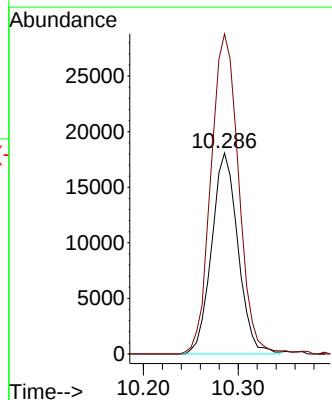
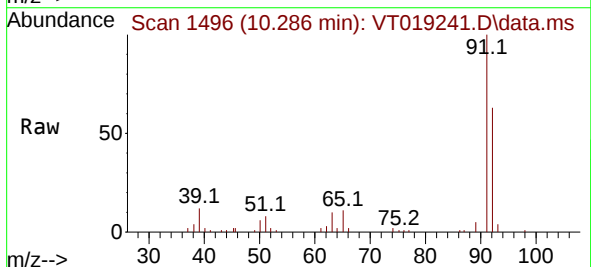
Instrument :
MSVOA_T
ClientSampleId :
VSTDIC005

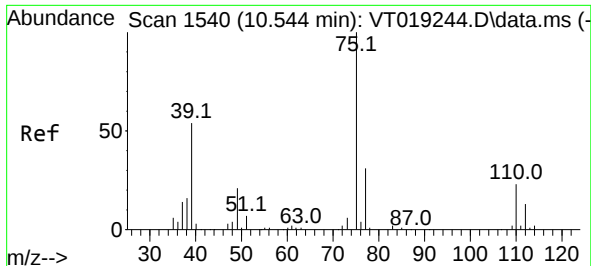
Tgt Ion: 43 Resp: 41476
Ion Ratio Lower Upper
43 100
58 39.4 31.5 47.3



#52
Toluene
Concen: 5.217 ug/l
RT: 10.286 min Scan# 1496
Delta R.T. -0.006 min
Lab File: VT019241.D
Acq: 8 Dec 2025 10:10

Tgt Ion: 92 Resp: 34818
Ion Ratio Lower Upper
92 100
91 168.3 135.7 203.5





#53

t-1,3-Dichloropropene

Concen: 4.533 ug/l

RT: 10.544 min Scan# 11

Delta R.T. -0.000 min

Lab File: VT019241.D

Acq: 8 Dec 2025 10:10

Instrument :

MSVOA_T

ClientSampleId :

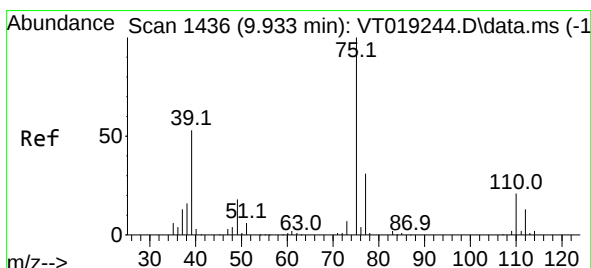
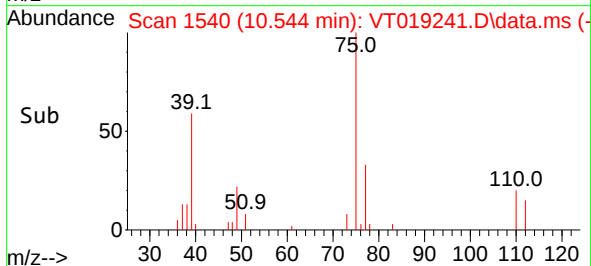
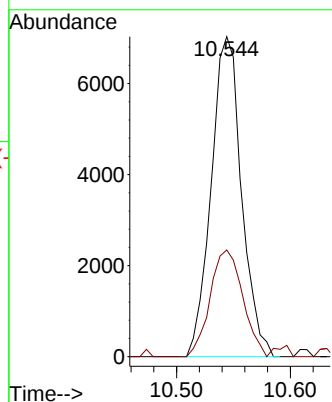
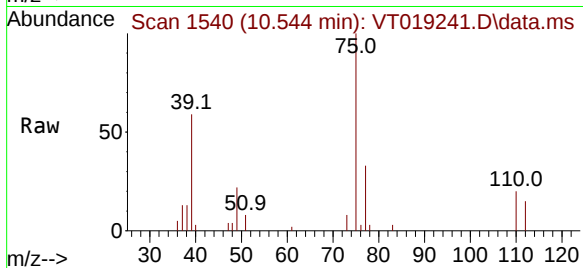
VSTDIC005

Tgt Ion: 75 Resp: 13037

Ion Ratio Lower Upper

75 100

77 33.4 25.0 37.4



#54

cis-1,3-Dichloropropene

Concen: 4.745 ug/l

RT: 9.927 min Scan# 1435

Delta R.T. -0.006 min

Lab File: VT019241.D

Acq: 8 Dec 2025 10:10

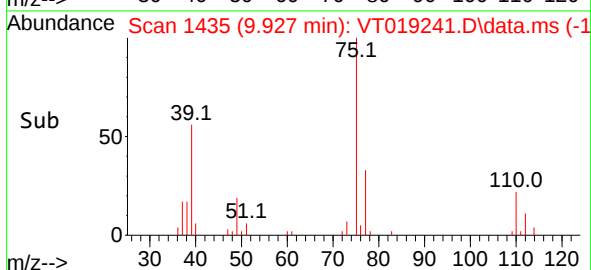
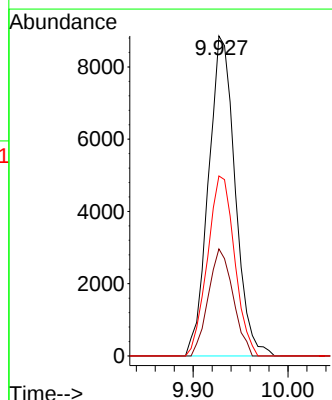
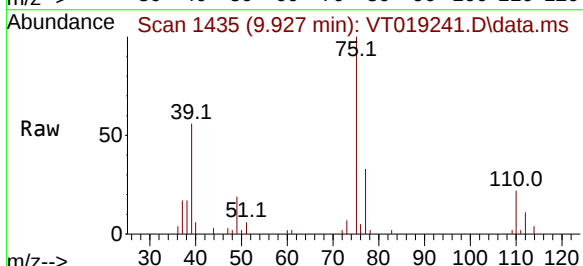
Tgt Ion: 75 Resp: 17264

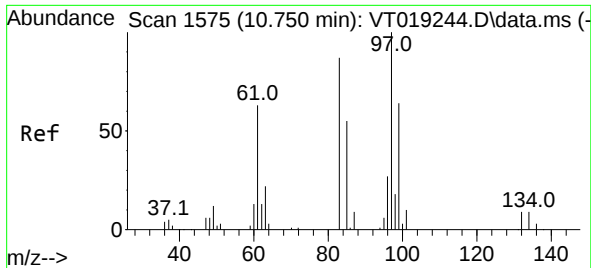
Ion Ratio Lower Upper

75 100

77 33.5 24.5 36.7

39 56.3 42.1 63.1

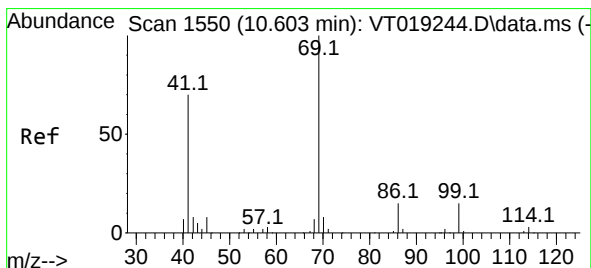
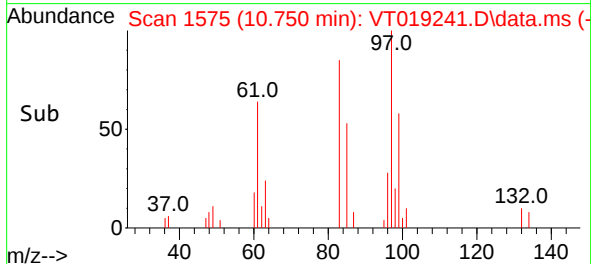
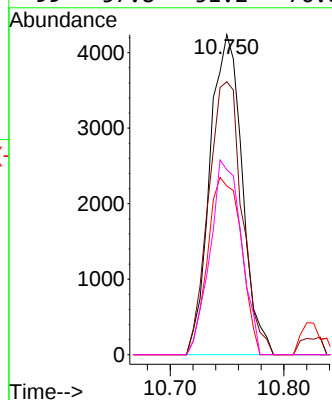
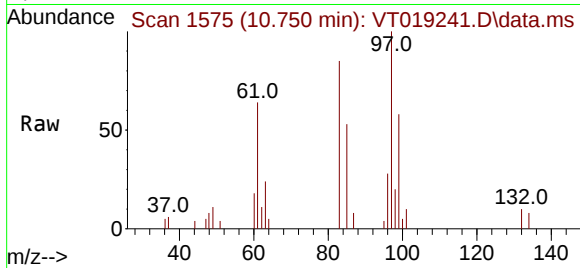




#55
1,1,2-Trichloroethane
Concen: 4.959 ug/l
RT: 10.750 min Scan# 1575
Delta R.T. -0.000 min
Lab File: VT019241.D
Acq: 8 Dec 2025 10:10

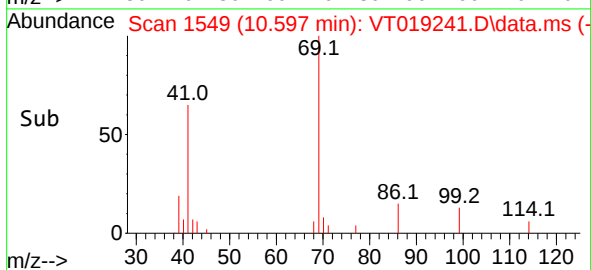
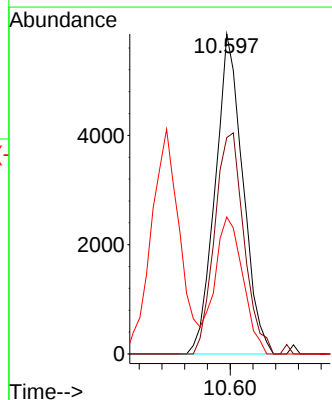
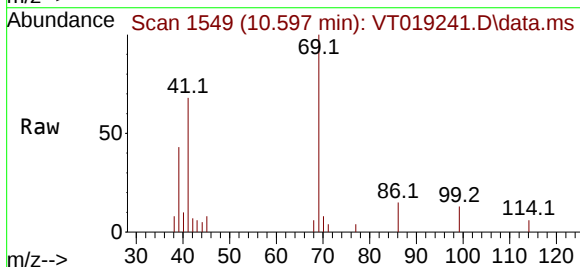
Instrument :
MSVOA_T
ClientSampleId :
VSTDIC005

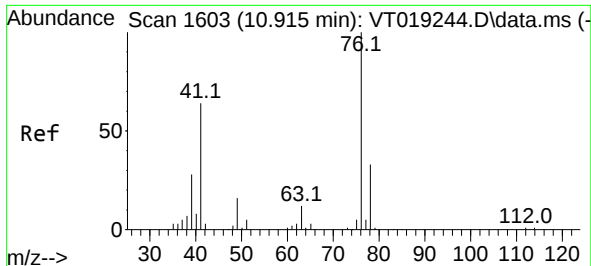
Tgt Ion: 97	Resp:	8353	
Ion	Ratio	Lower	Upper
97	100		
83	85.3	69.5	104.3
85	52.7	44.2	66.2
99	57.8	51.2	76.8



#56
Ethyl methacrylate
Concen: 4.345 ug/l
RT: 10.597 min Scan# 1549
Delta R.T. -0.006 min
Lab File: VT019241.D
Acq: 8 Dec 2025 10:10

Tgt Ion: 69	Resp: 9864
Ion Ratio	Lower Upper
69 100	
41 73.7	56.5 84.7
39 43.7	34.4 51.6

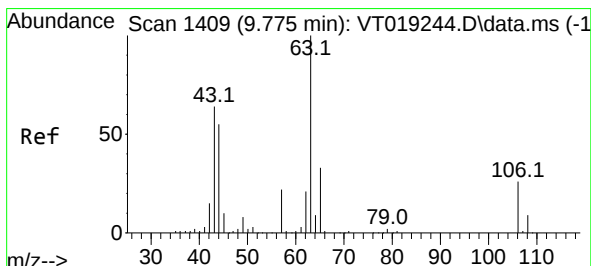
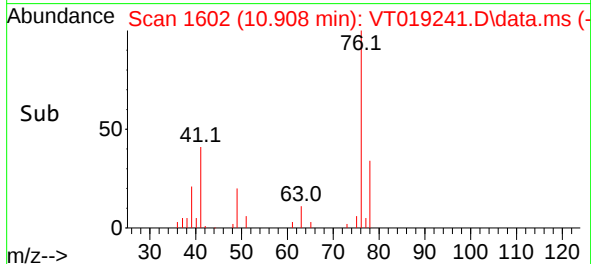
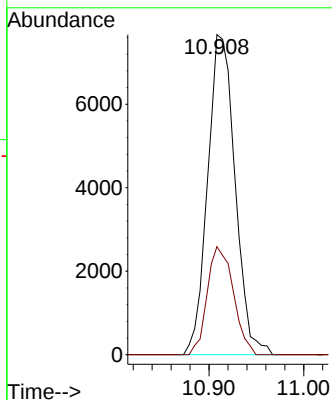
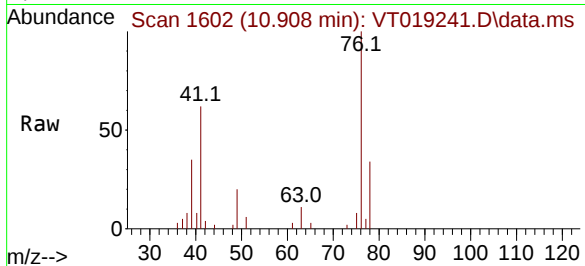




#57
1,3-Dichloropropane
Concen: 4.944 ug/l
RT: 10.908 min Scan# 1602
Delta R.T. -0.006 min
Lab File: VT019241.D
Acq: 8 Dec 2025 10:10

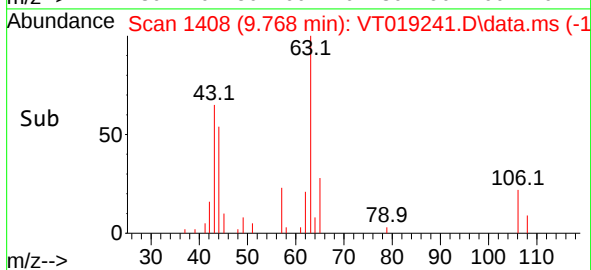
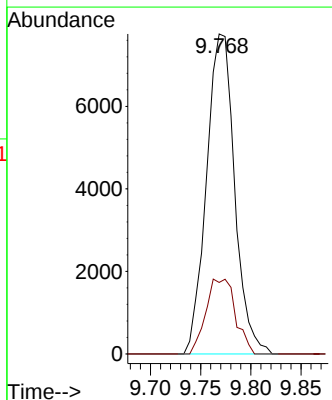
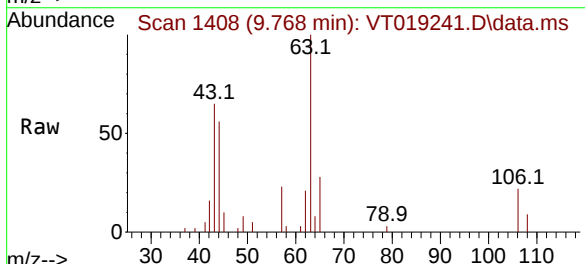
Instrument :
MSVOA_T
ClientSampleId :
VSTDIC005

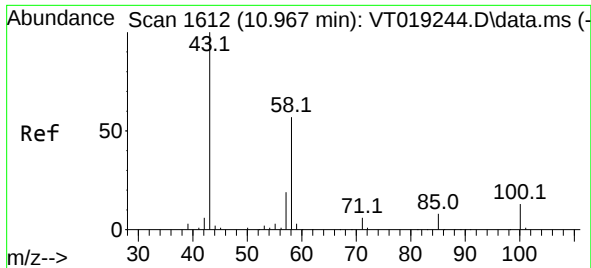
Tgt Ion: 76 Resp: 15399
Ion Ratio Lower Upper
76 100
78 32.1 25.9 38.9



#58
2-Chloroethyl Vinyl ether
Concen: 4.116 ug/l
RT: 9.768 min Scan# 1408
Delta R.T. -0.006 min
Lab File: VT019241.D
Acq: 8 Dec 2025 10:10

Tgt Ion: 63 Resp: 15147
Ion Ratio Lower Upper
63 100
106 24.4 21.2 31.8

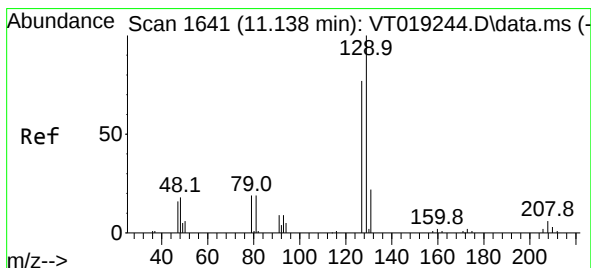
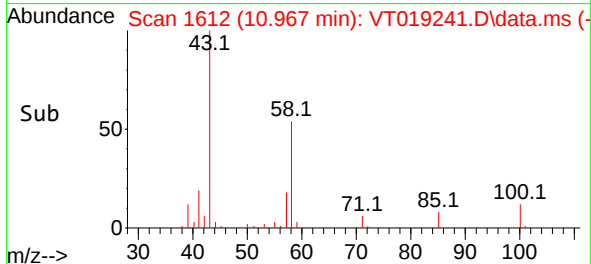
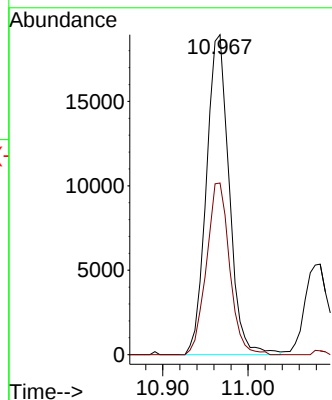
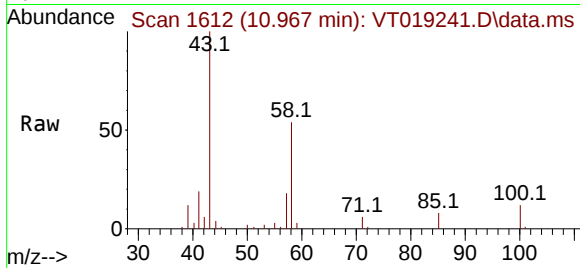




#59
2-Hexanone
Concen: 26.112 ug/l
RT: 10.967 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VT019241.D
Acq: 8 Dec 2025 10:10

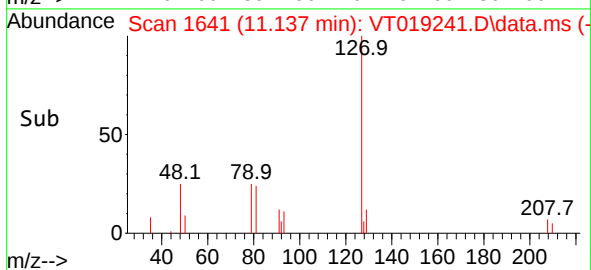
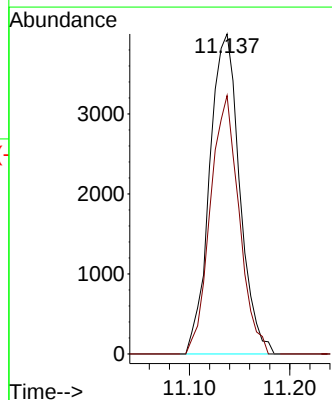
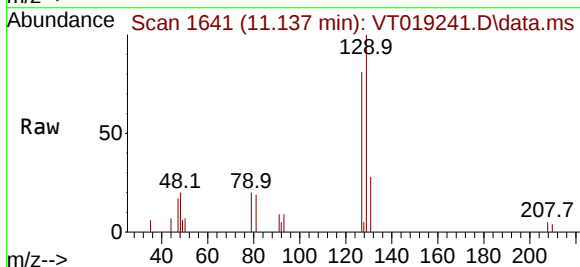
Instrument :
MSVOA_T
ClientSampleId :
VSTDIC005

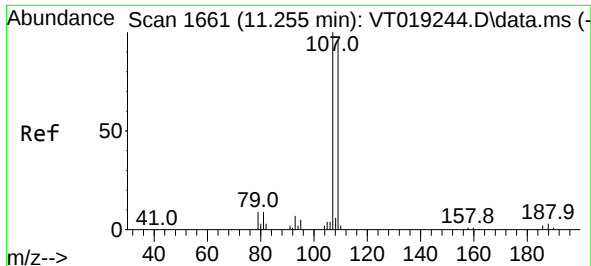
Tgt Ion: 43 Resp: 35238
Ion Ratio Lower Upper
43 100
58 54.4 27.4 82.0



#60
Dibromochloromethane
Concen: 4.697 ug/l
RT: 11.137 min Scan# 1641
Delta R.T. -0.000 min
Lab File: VT019241.D
Acq: 8 Dec 2025 10:10

Tgt Ion: 129 Resp: 8314
Ion Ratio Lower Upper
129 100
127 77.3 38.9 116.7

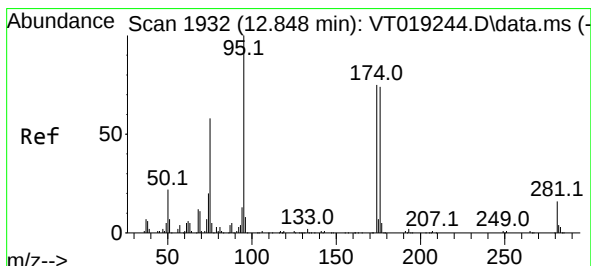
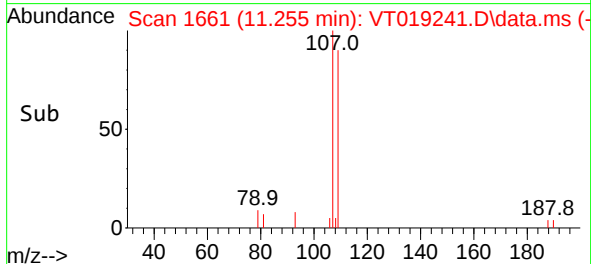
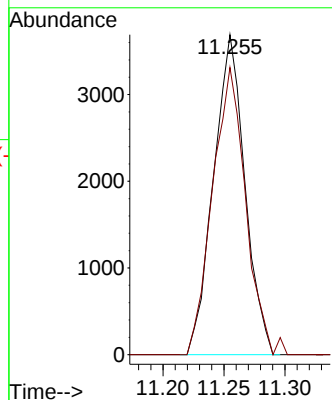
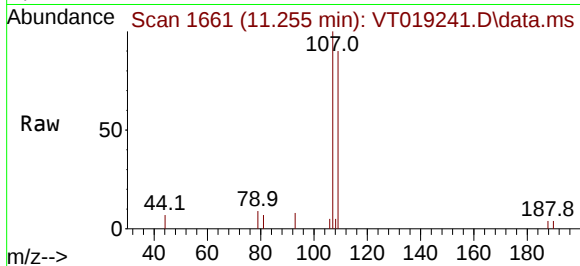




#61
1,2-Dibromoethane
Concen: 4.653 ug/l
RT: 11.255 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VT019241.D
Acq: 8 Dec 2025 10:10

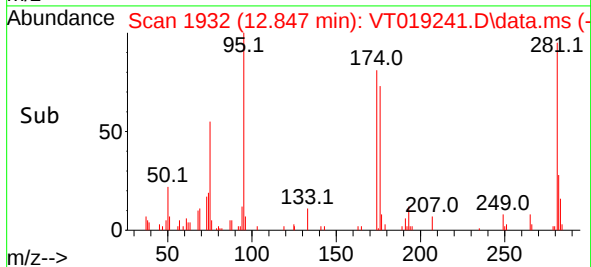
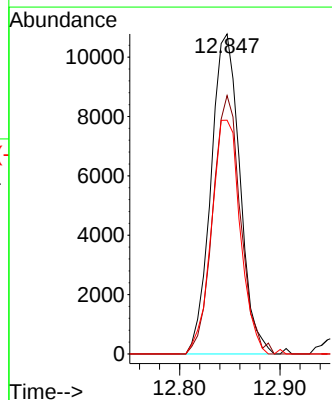
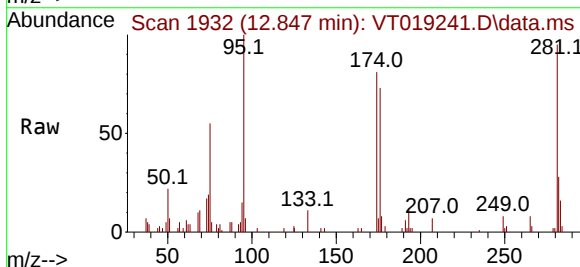
Instrument :
MSVOA_T
ClientSampleId :
VSTDIC005

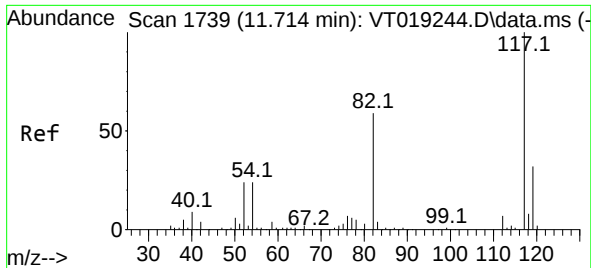
Tgt Ion:107 Resp: 6598
Ion Ratio Lower Upper
107 100
109 95.0 74.2 111.2



#62
4-Bromofluorobenzene
Concen: 3.535 ug/l
RT: 12.847 min Scan# 1932
Delta R.T. -0.000 min
Lab File: VT019241.D
Acq: 8 Dec 2025 10:10

Tgt Ion: 95 Resp: 21572
Ion Ratio Lower Upper
95 100
174 77.5 0.0 154.4
176 72.8 0.0 149.2

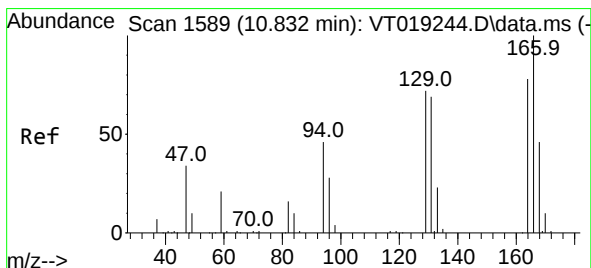
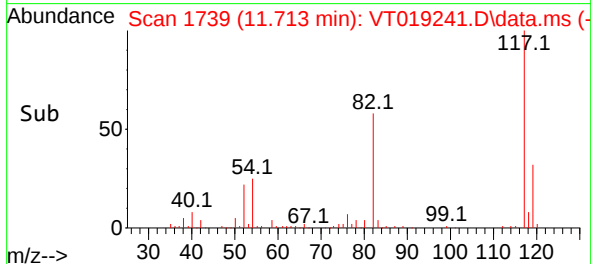
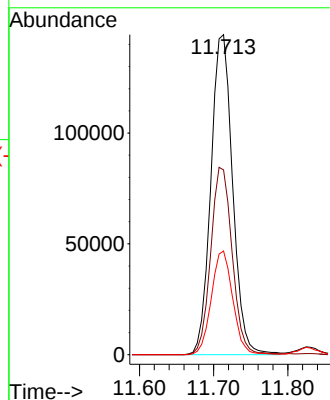
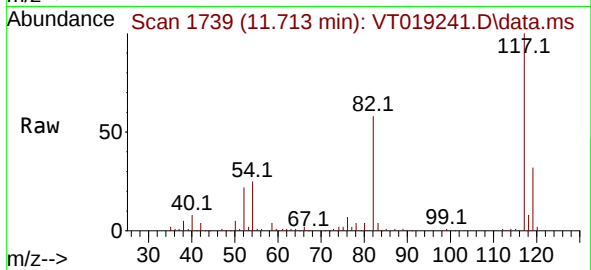




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.713 min Scan# 11
Delta R.T. -0.000 min
Lab File: VT019241.D
Acq: 8 Dec 2025 10:10

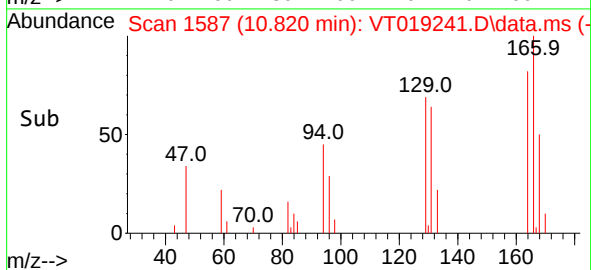
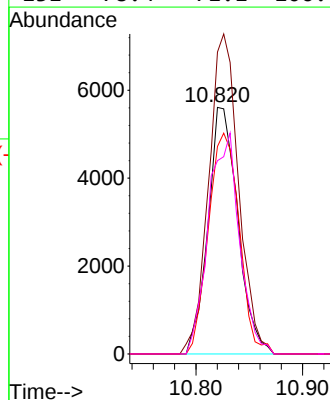
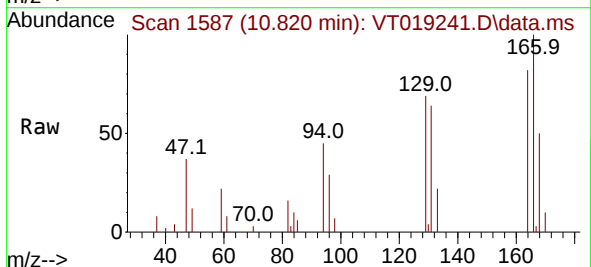
Instrument :
MSVOA_T
ClientSampleId :
VSTDIC005

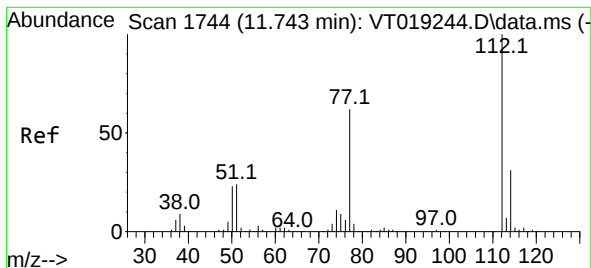
Tgt Ion:117 Resp: 293985
Ion Ratio Lower Upper
117 100
82 57.8 47.1 70.7
119 32.4 25.4 38.2



#64
Tetrachloroethene
Concen: 4.944 ug/l
RT: 10.820 min Scan# 1587
Delta R.T. -0.012 min
Lab File: VT019241.D
Acq: 8 Dec 2025 10:10

Tgt Ion:164 Resp: 10886
Ion Ratio Lower Upper
164 100
166 122.4 102.7 154.1
129 84.2 74.0 111.0
131 78.4 71.1 106.7

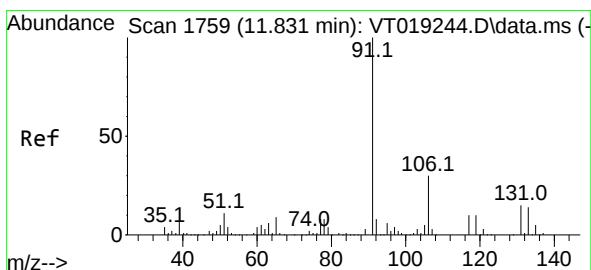
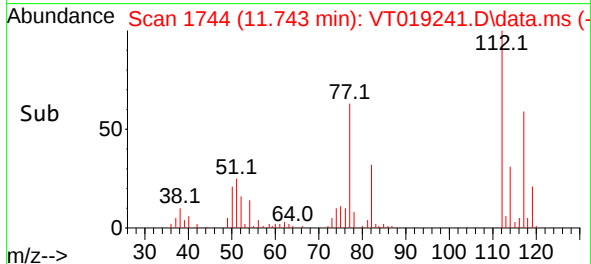
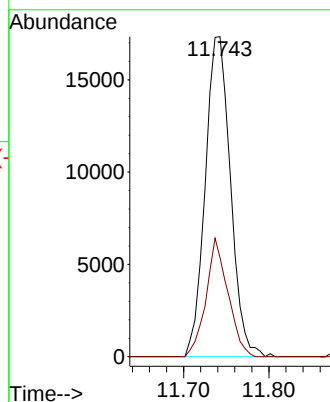
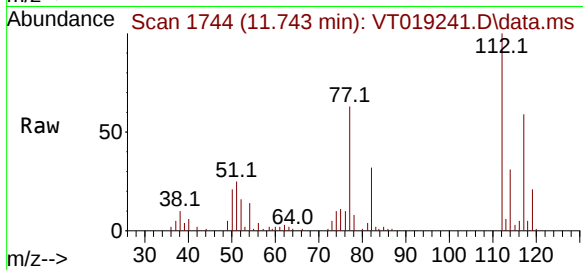




#65
Chlorobenzene
Concen: 5.298 ug/l
RT: 11.743 min Scan# 1744
Delta R.T. -0.000 min
Lab File: VT019241.D
Acq: 8 Dec 2025 10:10

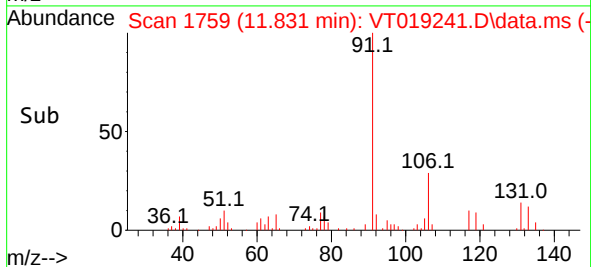
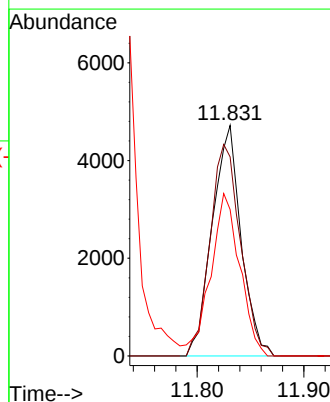
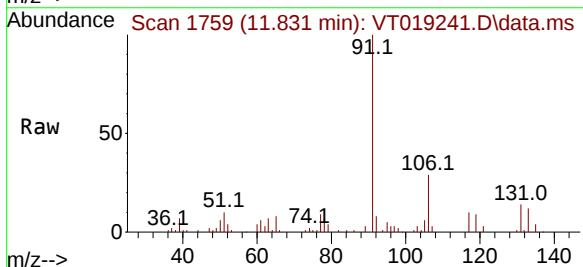
Instrument :
MSVOA_T
ClientSampleId :
VSTDIC005

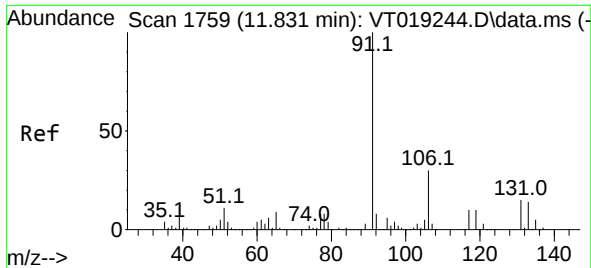
Tgt Ion:112 Resp: 35648
Ion Ratio Lower Upper
112 100
114 31.0 24.9 37.3



#66
1,1,1,2-Tetrachloroethane
Concen: 4.607 ug/l
RT: 11.831 min Scan# 1759
Delta R.T. -0.000 min
Lab File: VT019241.D
Acq: 8 Dec 2025 10:10

Tgt Ion:131 Resp: 8876
Ion Ratio Lower Upper
131 100
133 97.1 46.5 139.5
119 71.4 32.3 96.8

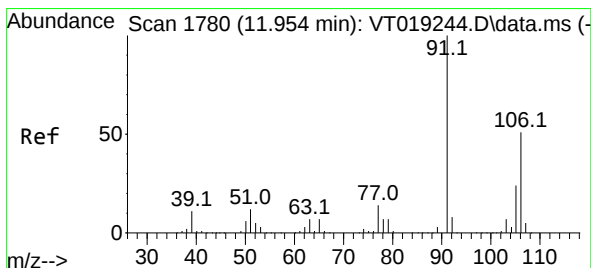
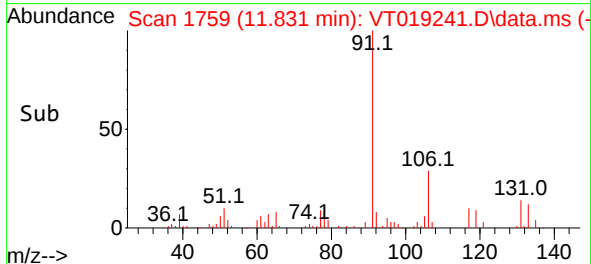
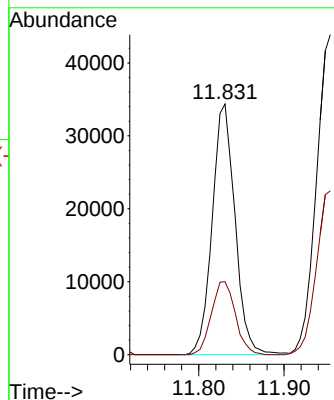
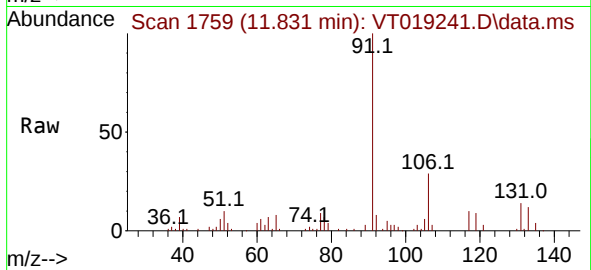




#67
Ethyl Benzene
Concen: 4.945 ug/l
RT: 11.831 min Scan# 1759
Delta R.T. -0.000 min
Lab File: VT019241.D
Acq: 8 Dec 2025 10:10

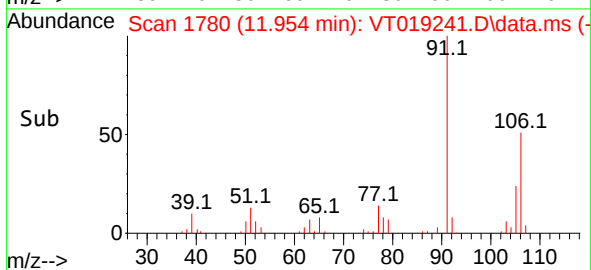
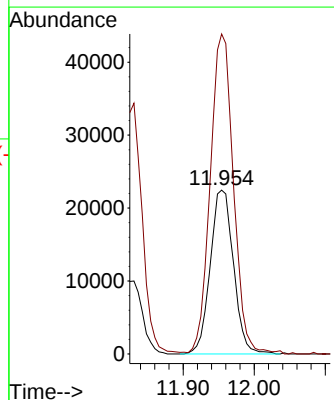
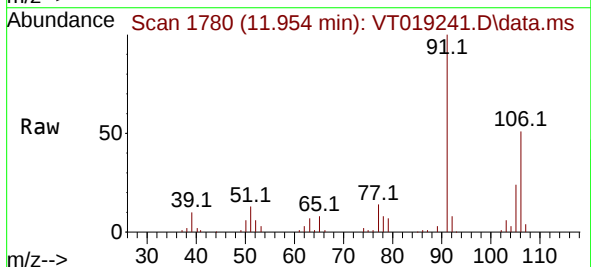
Instrument :
MSVOA_T
ClientSampleId :
VSTDIC005

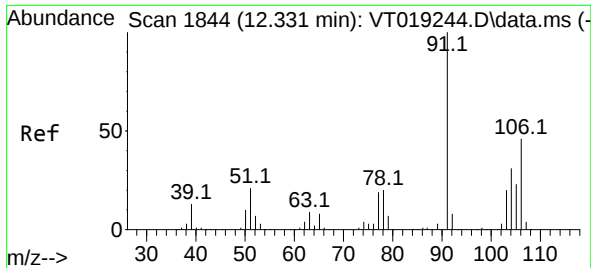
Tgt Ion: 91 Resp: 64045
Ion Ratio Lower Upper
91 100
106 29.1 24.3 36.5



#68
m/p-Xylenes
Concen: 10.235 ug/l
RT: 11.954 min Scan# 1780
Delta R.T. -0.000 min
Lab File: VT019241.D
Acq: 8 Dec 2025 10:10

Tgt Ion: 106 Resp: 50974
Ion Ratio Lower Upper
106 100
91 195.2 159.3 238.9

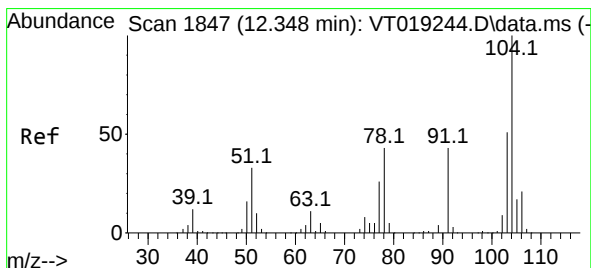
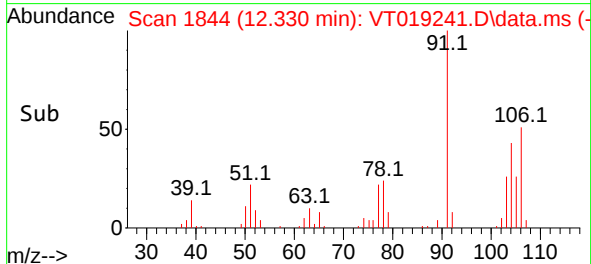
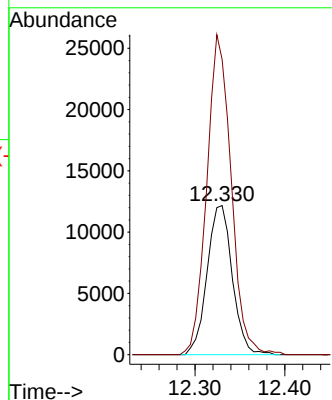
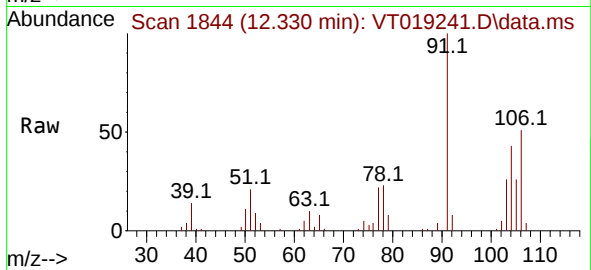




#69
o-Xylene
Concen: 5.026 ug/l
RT: 12.330 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VT019241.D
Acq: 8 Dec 2025 10:10

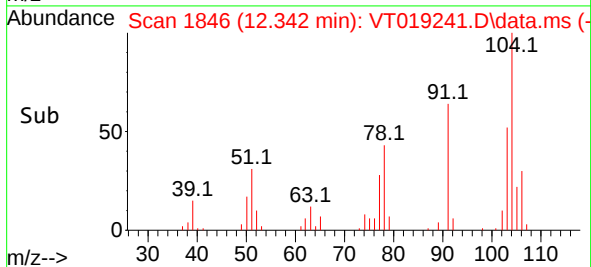
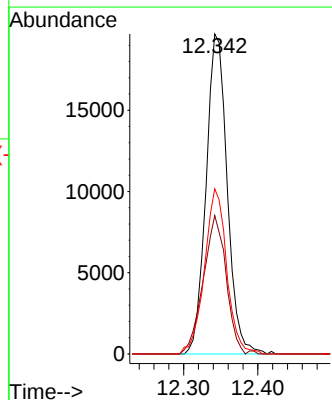
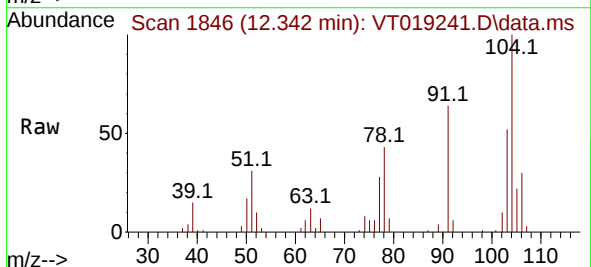
Instrument :
MSVOA_T
ClientSampleId :
VSTDIC005

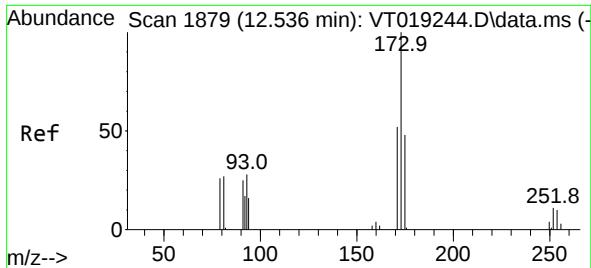
Tgt Ion:106 Resp: 23695
Ion Ratio Lower Upper
106 100
91 207.9 105.6 316.7



#70
Styrene
Concen: 4.958 ug/l
RT: 12.342 min Scan# 1846
Delta R.T. -0.006 min
Lab File: VT019241.D
Acq: 8 Dec 2025 10:10

Tgt Ion:104 Resp: 39072
Ion Ratio Lower Upper
104 100
78 46.7 39.1 58.7
103 54.3 44.4 66.6

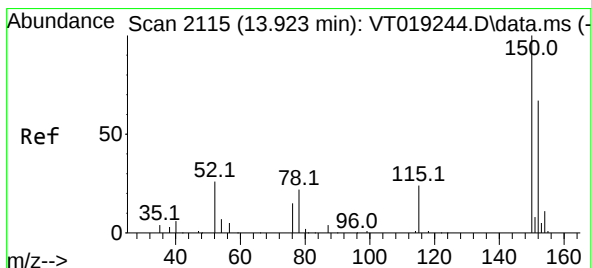
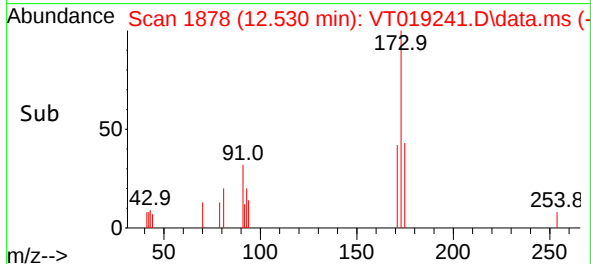
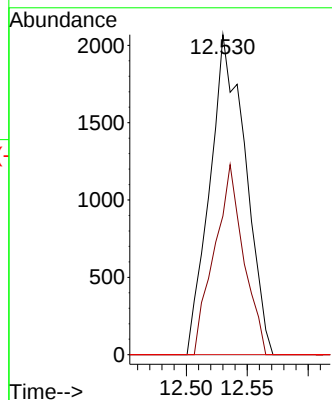
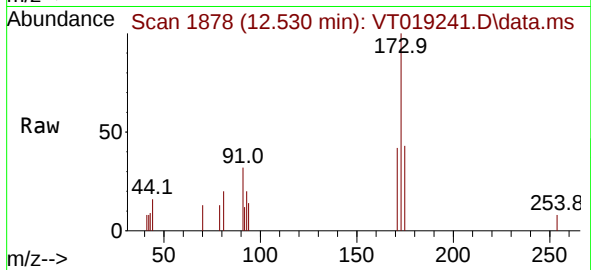




#71
Bromoform
Concen: 4.624 ug/l
RT: 12.530 min Scan# 11
Delta R.T. -0.006 min
Lab File: VT019241.D
Acq: 8 Dec 2025 10:10

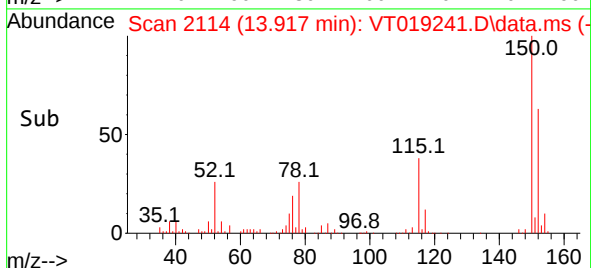
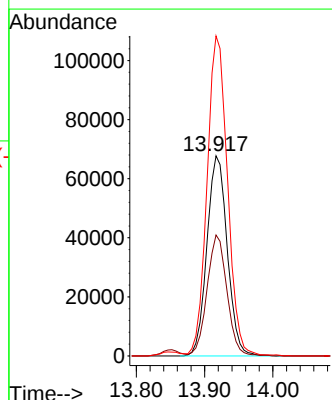
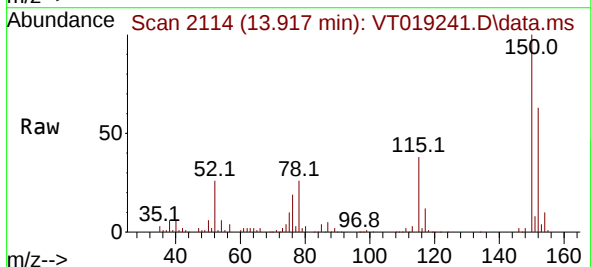
Instrument :
MSVOA_T
ClientSampleId :
VSTDIC005

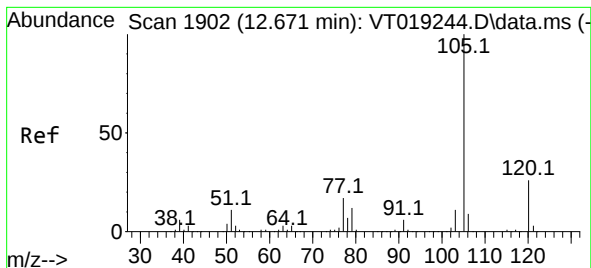
Tgt Ion:173 Resp: 4199
Ion Ratio Lower Upper
173 100
175 48.7 24.1 72.3
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.917 min Scan# 2114
Delta R.T. -0.006 min
Lab File: VT019241.D
Acq: 8 Dec 2025 10:10

Tgt Ion:152 Resp: 140522
Ion Ratio Lower Upper
152 100
115 59.0 29.6 88.9
150 161.0 0.0 347.6





#73

Isopropylbenzene

Concen: 5.067 ug/l

RT: 12.671 min Scan# 1902

Delta R.T. -0.000 min

Lab File: VT019241.D

Acq: 8 Dec 2025 10:10

Instrument :

MSVOA_T

ClientSampleId :

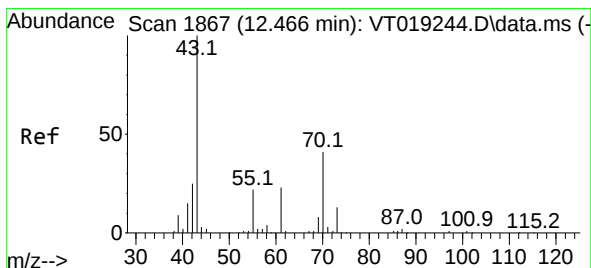
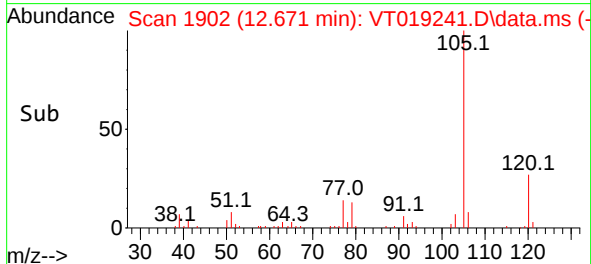
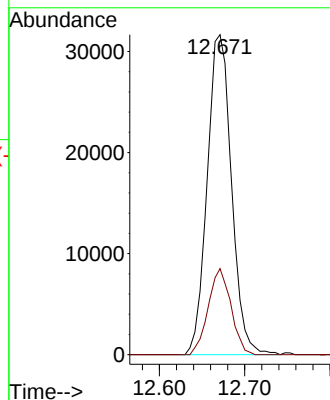
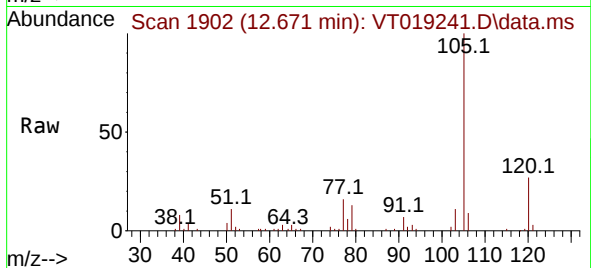
VSTDIC005

Tgt Ion:105 Resp: 62812

Ion Ratio Lower Upper

105 100

120 25.1 13.3 39.8



#74

N-ethyl acetate

Concen: 4.125 ug/l

RT: 12.465 min Scan# 1867

Delta R.T. -0.000 min

Lab File: VT019241.D

Acq: 8 Dec 2025 10:10

Tgt Ion: 43 Resp: 9424

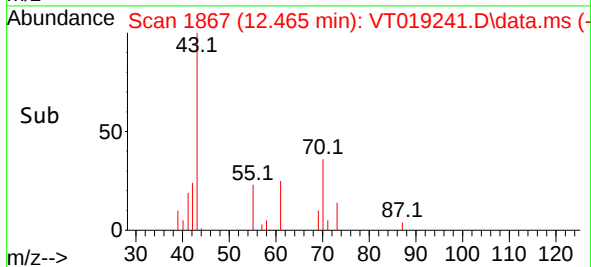
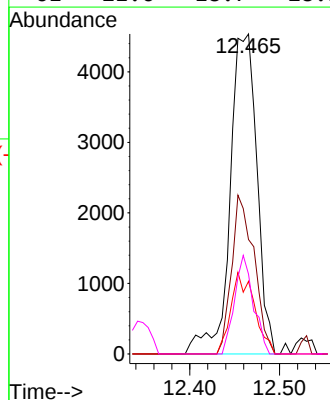
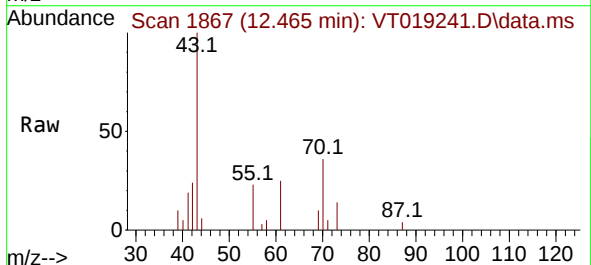
Ion Ratio Lower Upper

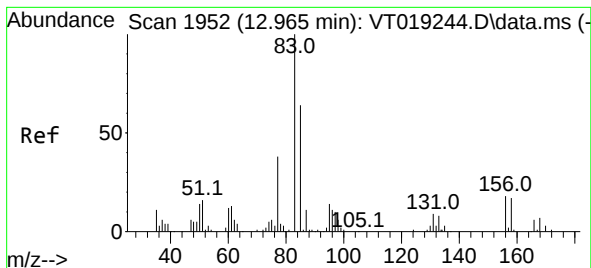
43 100

70 41.3 33.3 49.9

55 22.4 18.5 27.7

61 21.6 18.7 28.1

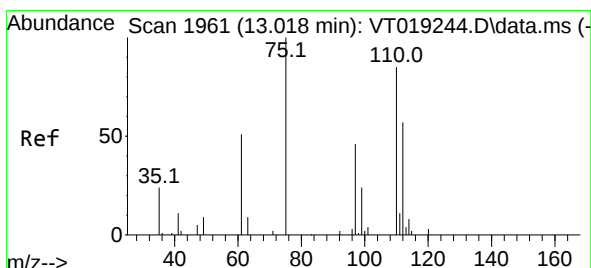
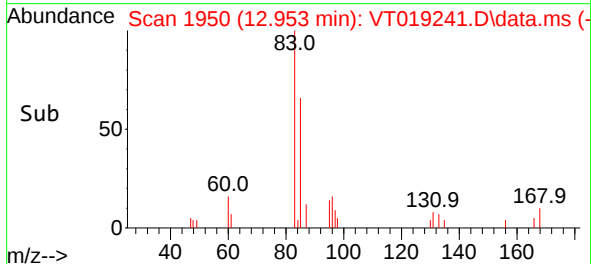
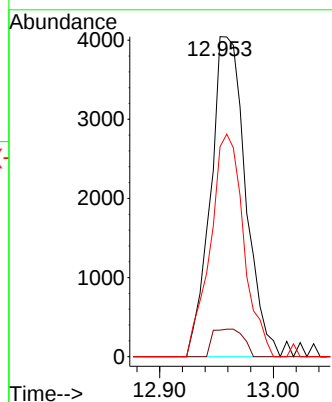
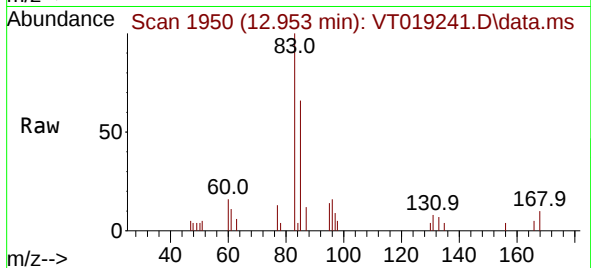




#75
1,1,2,2-Tetrachloroethane
Concen: 4.506 ug/l
RT: 12.953 min Scan# 1950
Delta R.T. -0.012 min
Lab File: VT019241.D
Acq: 8 Dec 2025 10:10

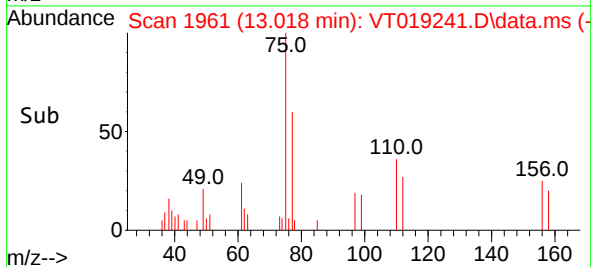
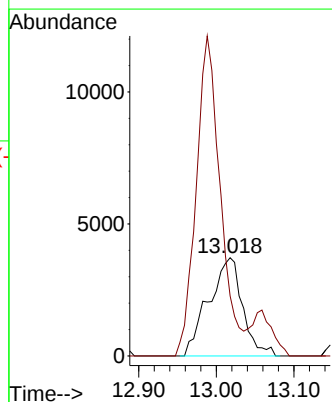
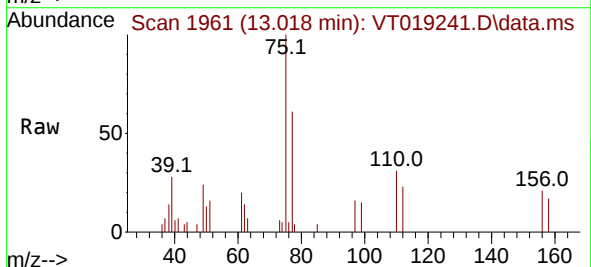
Instrument :
MSVOA_T
ClientSampleId :
VSTDIC005

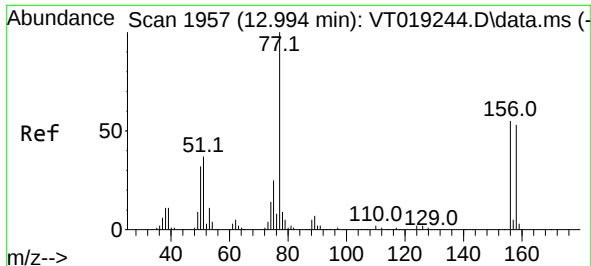
Tgt Ion: 83 Resp: 8634
Ion Ratio Lower Upper
83 100
131 7.6 4.7 14.0
85 66.2 33.0 98.9



#76
1,2,3-Trichloropropane
Concen: 7.516 ug/l
RT: 13.018 min Scan# 1961
Delta R.T. -0.000 min
Lab File: VT019241.D
Acq: 8 Dec 2025 10:10

Tgt Ion: 75 Resp: 11293
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

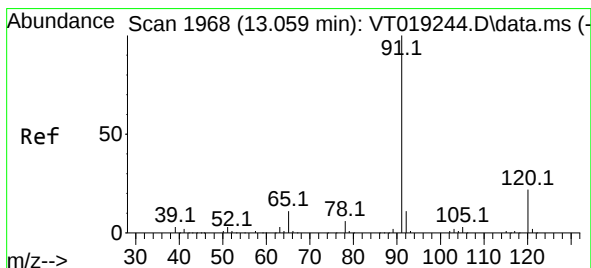
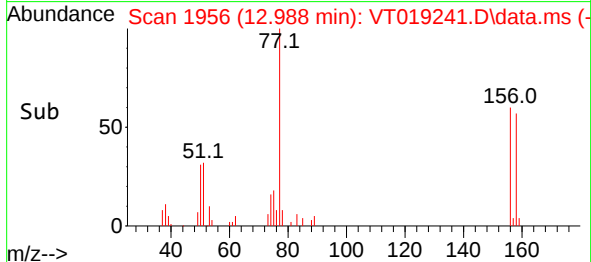
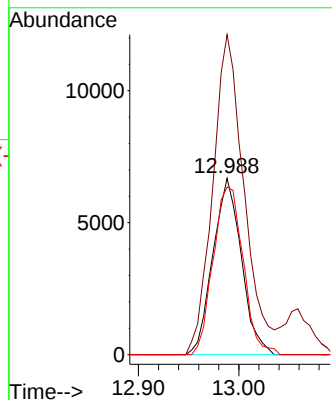
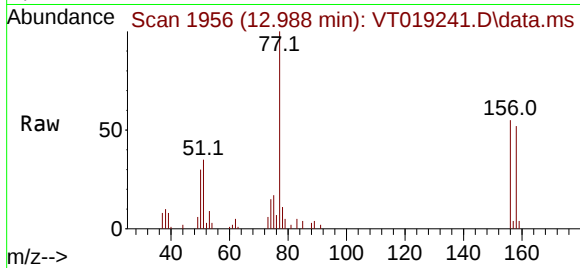




#77
Bromobenzene
Concen: 5.153 ug/l
RT: 12.988 min Scan# 1956
Delta R.T. -0.006 min
Lab File: VT019241.D
Acq: 8 Dec 2025 10:10

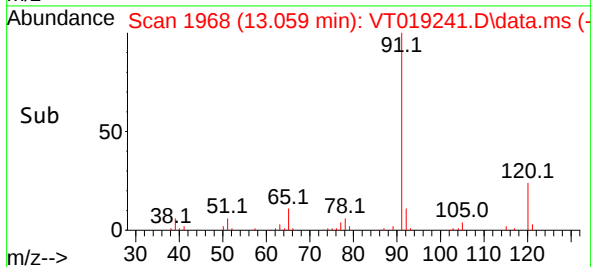
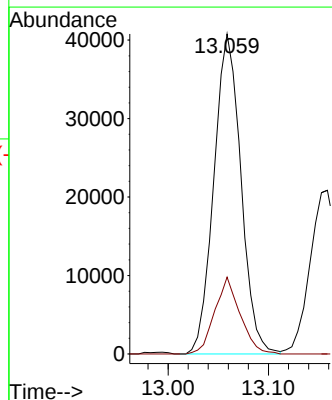
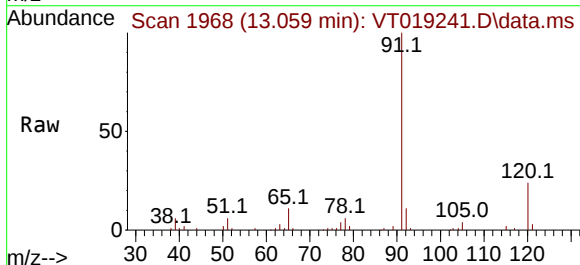
Instrument :
MSVOA_T
ClientSampleId :
VSTDIC005

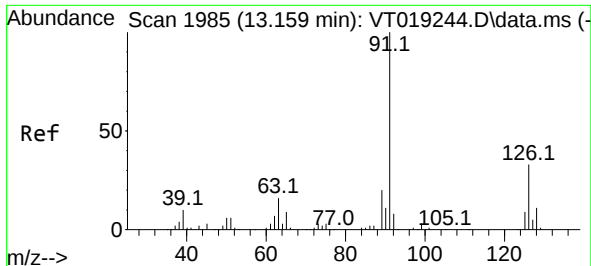
Tgt Ion:156 Resp: 13175
Ion Ratio Lower Upper
156 100
77 198.8 102.4 307.1
158 100.0 48.6 145.8



#78
n-propylbenzene
Concen: 5.230 ug/l
RT: 13.059 min Scan# 1968
Delta R.T. -0.000 min
Lab File: VT019241.D
Acq: 8 Dec 2025 10:10

Tgt Ion: 91 Resp: 76401
Ion Ratio Lower Upper
91 100
120 22.5 11.0 33.0





#79

2-Chlorotoluene

Concen: 5.222 ug/l

RT: 13.159 min Scan# 1985

Delta R.T. -0.000 min

Lab File: VT019241.D

Acq: 8 Dec 2025 10:10

Instrument :

MSVOA_T

ClientSampleId :

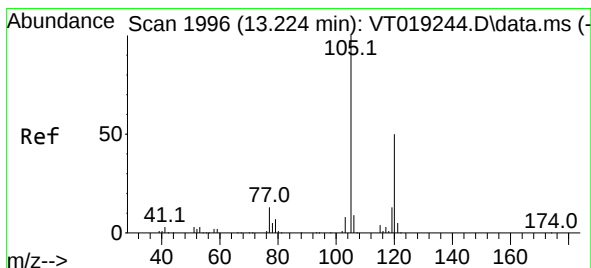
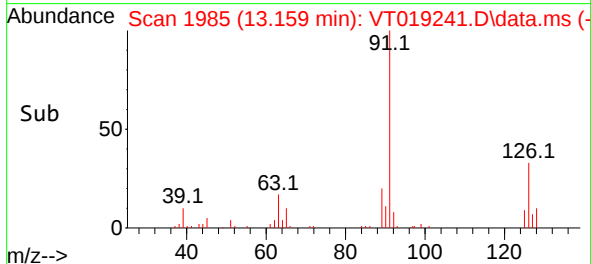
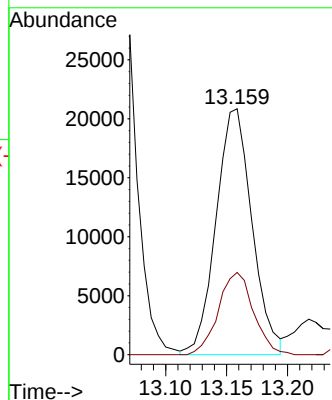
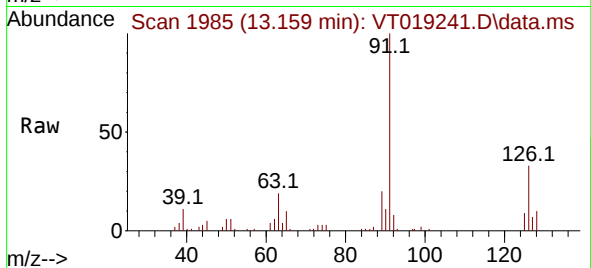
VSTDIC005

Tgt Ion: 91 Resp: 42895

Ion Ratio Lower Upper

91 100

126 32.6 16.4 49.1



#80

1,3,5-Trimethylbenzene

Concen: 5.223 ug/l

RT: 13.217 min Scan# 1995

Delta R.T. -0.006 min

Lab File: VT019241.D

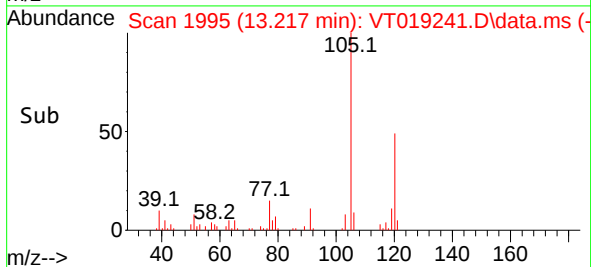
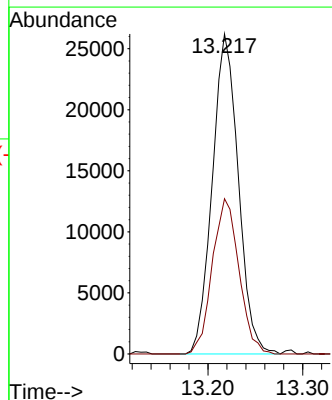
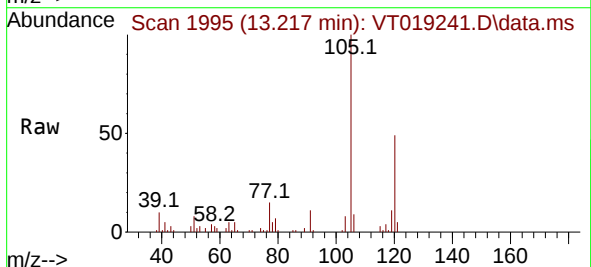
Acq: 8 Dec 2025 10:10

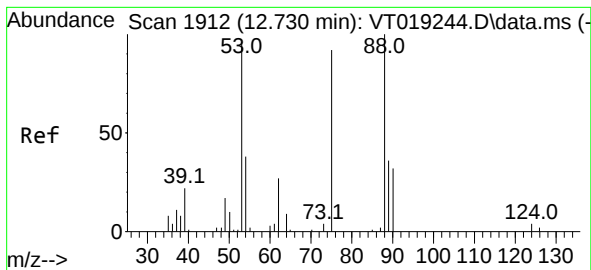
Tgt Ion: 105 Resp: 50024

Ion Ratio Lower Upper

105 100

120 49.8 25.1 75.2



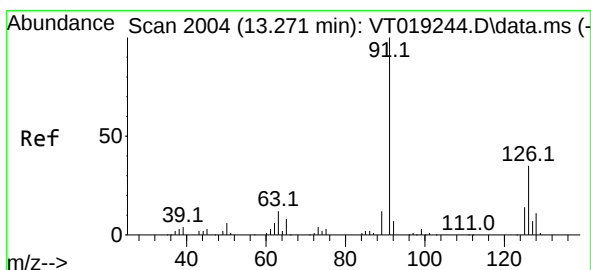
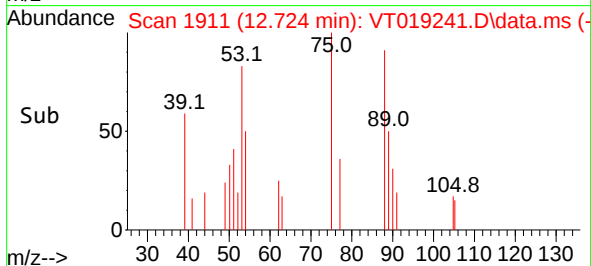
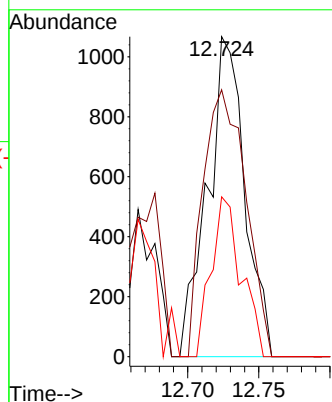
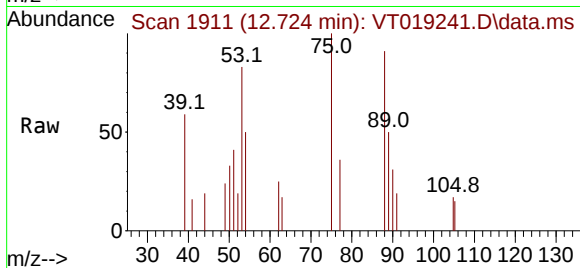


#81
trans-1,4-Dichloro-2-butene
Concen: 5.461 ug/l
RT: 12.724 min Scan# 1912
Delta R.T. -0.006 min
Lab File: VT019241.D
Acq: 8 Dec 2025 10:10

Instrument :
MSVOA_T
ClientSampleId :
VSTDIC005

Tgt Ion: 75 Resp: 1944

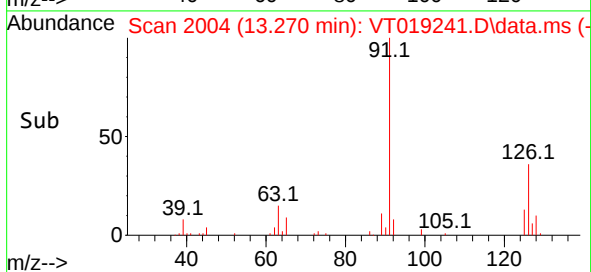
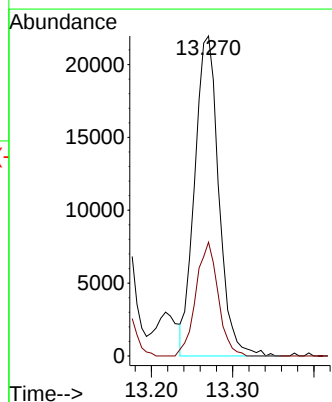
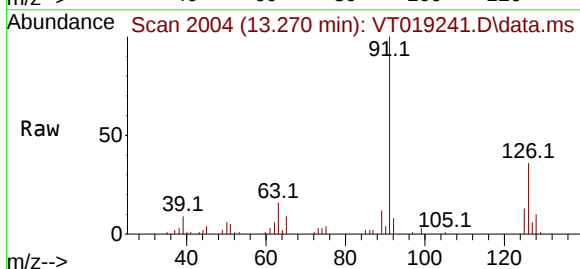
Ion	Ratio	Lower	Upper
75	100		
53	95.9	83.3	124.9
89	40.3	35.0	52.6

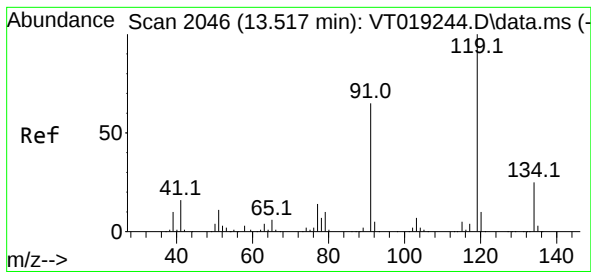


#82
4-Chlorotoluene
Concen: 5.266 ug/l
RT: 13.270 min Scan# 2004
Delta R.T. -0.000 min
Lab File: VT019241.D
Acq: 8 Dec 2025 10:10

Tgt Ion: 91 Resp: 45302

Ion	Ratio	Lower	Upper
91	100		
126	32.8	16.4	49.2

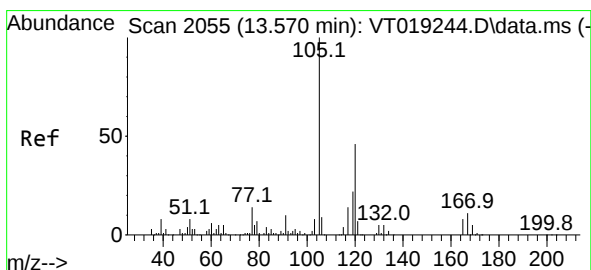
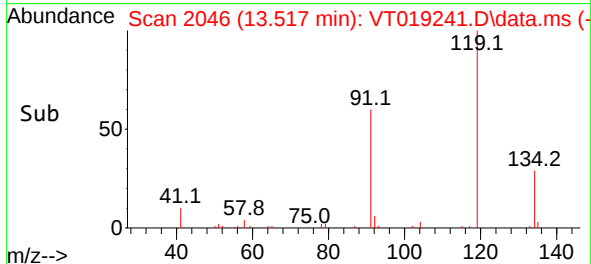
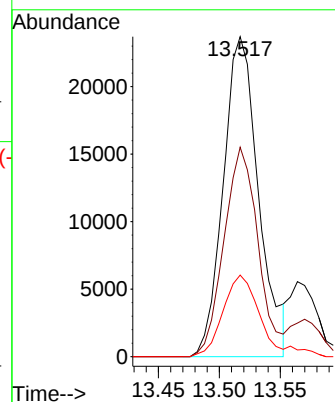
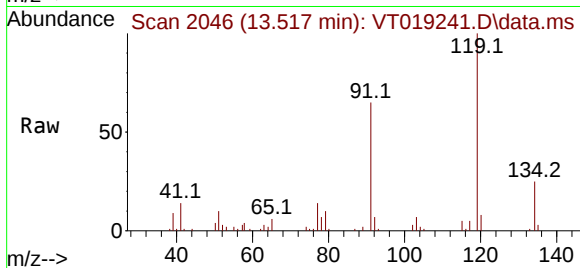




#83
tert-Butylbenzene
Concen: 5.547 ug/l
RT: 13.517 min Scan# 2046
Delta R.T. -0.000 min
Lab File: VT019241.D
Acq: 8 Dec 2025 10:10

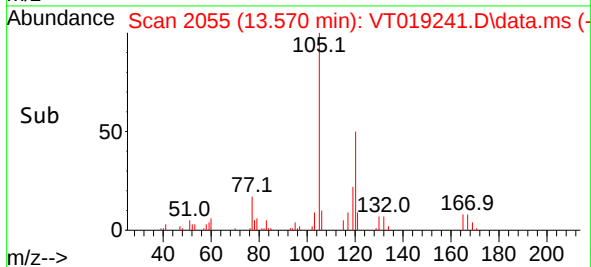
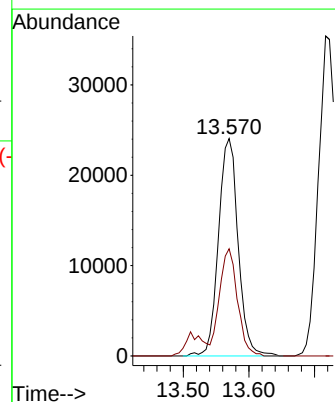
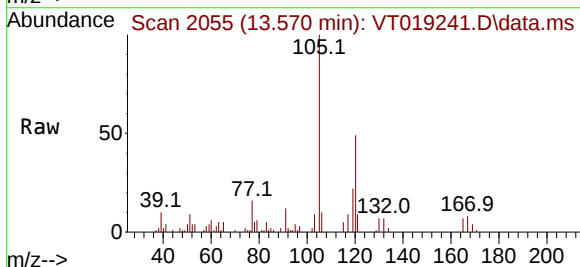
Instrument :
MSVOA_T
ClientSampleId :
VSTDIC005

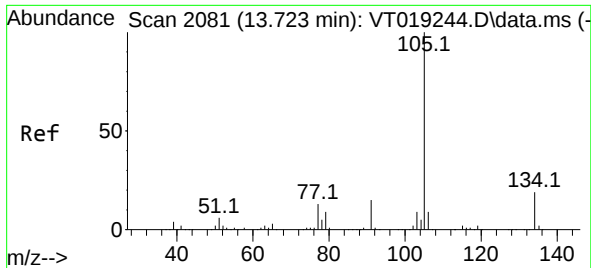
Tgt Ion:119 Resp: 47705
Ion Ratio Lower Upper
119 100
91 63.4 31.7 95.1
134 27.3 13.4 40.2



#84
1,2,4-Trimethylbenzene
Concen: 5.146 ug/l
RT: 13.570 min Scan# 2055
Delta R.T. -0.000 min
Lab File: VT019241.D
Acq: 8 Dec 2025 10:10

Tgt Ion:105 Resp: 49924
Ion Ratio Lower Upper
105 100
120 44.9 23.4 70.0

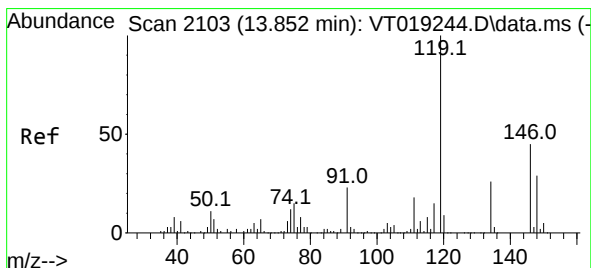
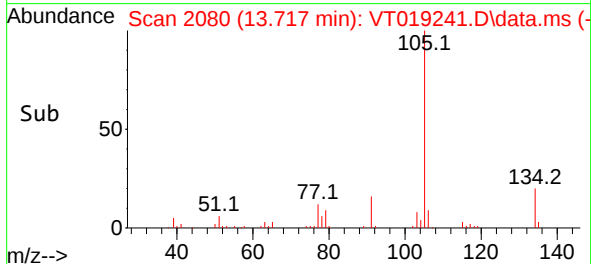
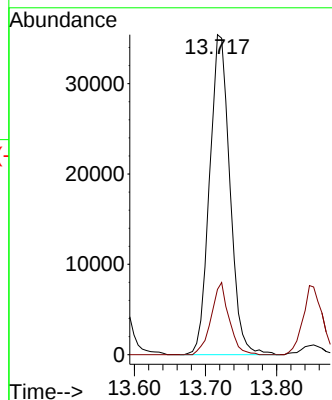
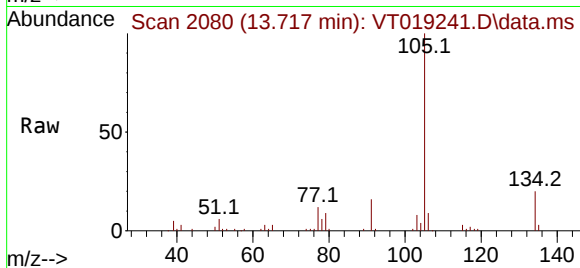




#85
 sec-Butylbenzene
 Concen: 5.432 ug/l
 RT: 13.717 min Scan# 2080
 Delta R.T. -0.006 min
 Lab File: VT019241.D
 Acq: 8 Dec 2025 10:10

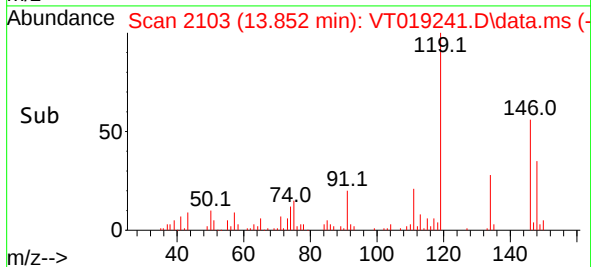
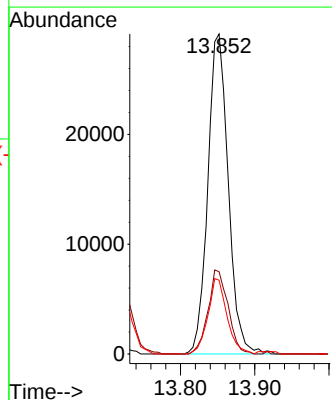
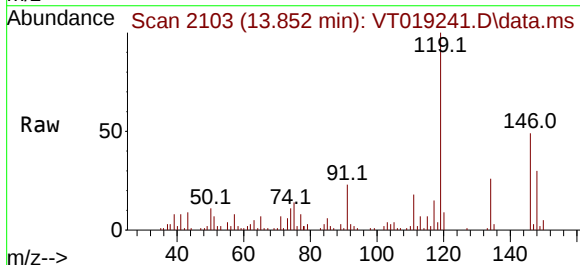
Instrument :
 MSVOA_T
 ClientSampleId :
 VSTDIC005

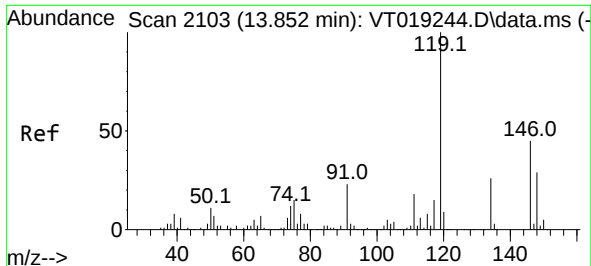
Tgt Ion:105 Resp: 70296
 Ion Ratio Lower Upper
 105 100
 134 19.8 9.6 28.8



#86
 p-Isopropyltoluene
 Concen: 5.118 ug/l
 RT: 13.852 min Scan# 2103
 Delta R.T. -0.000 min
 Lab File: VT019241.D
 Acq: 8 Dec 2025 10:10

Tgt Ion:119 Resp: 55842
 Ion Ratio Lower Upper
 119 100
 134 25.7 13.1 39.1
 91 22.0 11.6 34.7





#87

1,3-Dichlorobenzene

Concen: 5.351 ug/l

RT: 13.852 min Scan# 2103

Delta R.T. -0.000 min

Lab File: VT019241.D

Acq: 8 Dec 2025 10:10

Instrument :

MSVOA_T

ClientSampleId :

VSTDIC005

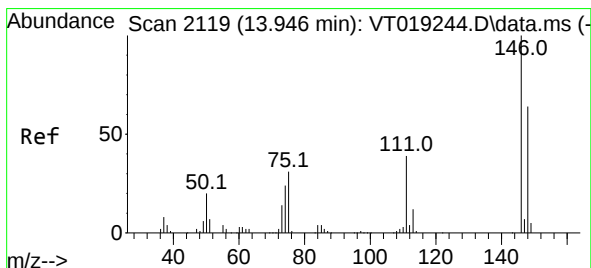
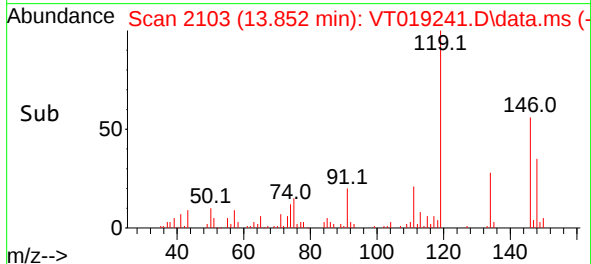
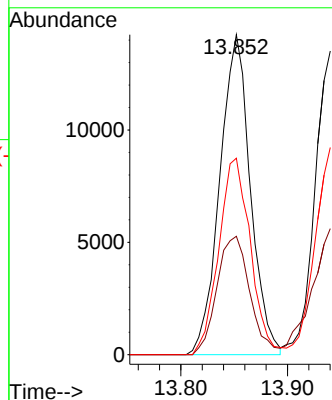
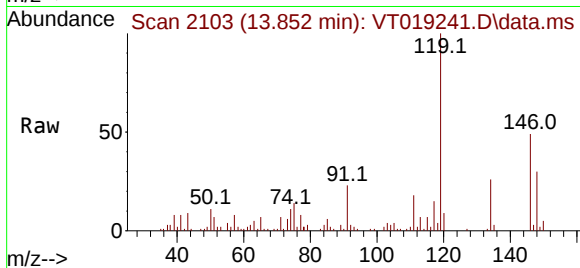
Tgt Ion:146 Resp: 28395

Ion Ratio Lower Upper

146 100

111 39.9 19.5 58.5

148 63.8 31.6 94.7



#88

1,4-Dichlorobenzene

Concen: 5.604 ug/l

RT: 13.940 min Scan# 2118

Delta R.T. -0.006 min

Lab File: VT019241.D

Acq: 8 Dec 2025 10:10

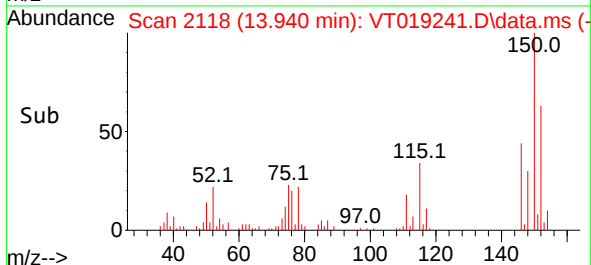
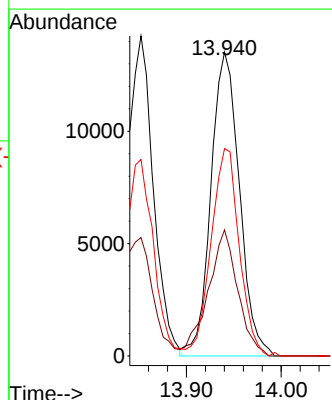
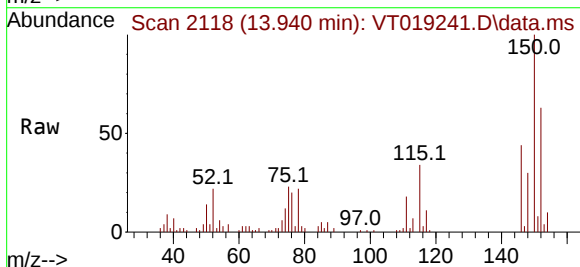
Tgt Ion:146 Resp: 28252

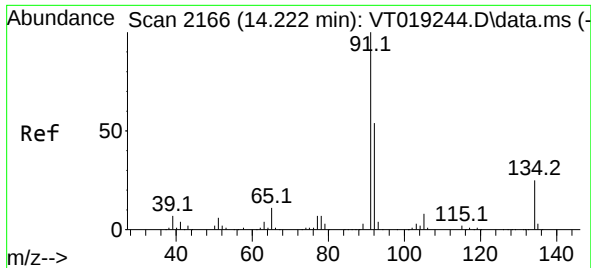
Ion Ratio Lower Upper

146 100

111 43.1 19.4 58.2

148 67.6 32.1 96.3

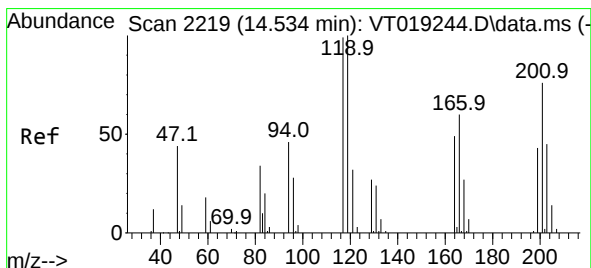
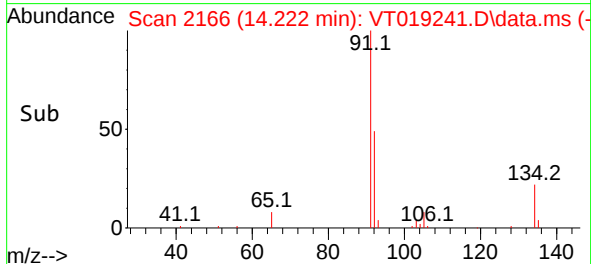
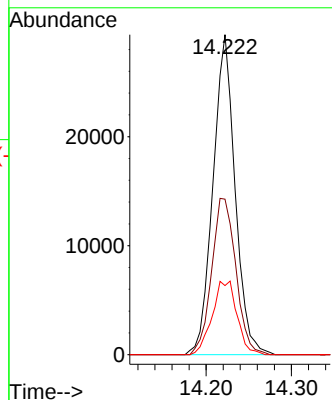
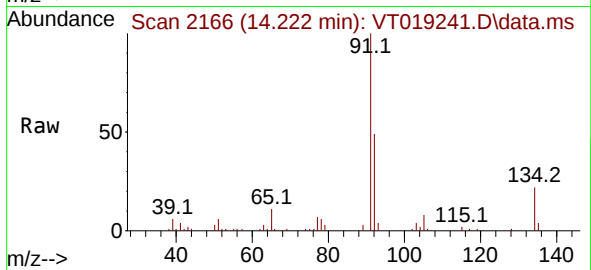




#89
n-Butylbenzene
Concen: 5.134 ug/l
RT: 14.222 min Scan# 2166
Delta R.T. -0.000 min
Lab File: VT019241.D
Acq: 8 Dec 2025 10:10

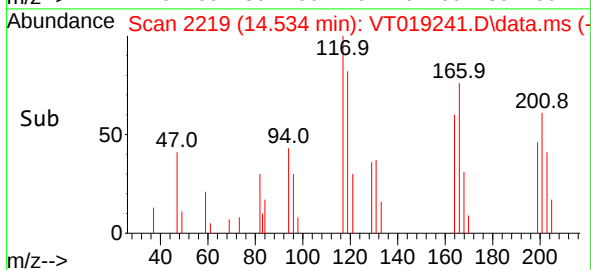
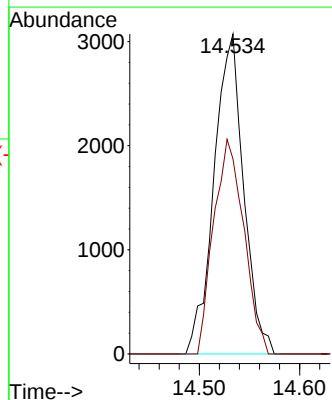
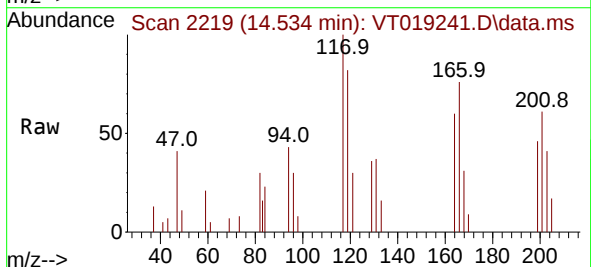
Instrument :
MSVOA_T
ClientSampleId :
VSTDIC005

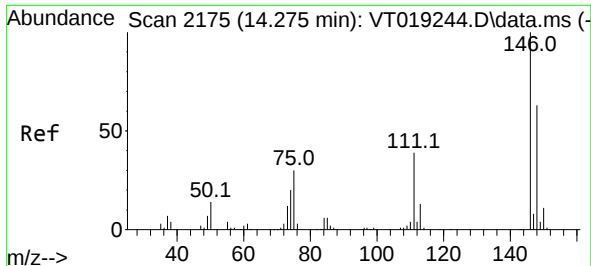
Tgt Ion:	91	Resp:	52812
Ion	Ratio	Lower	Upper
91	100		
92	53.6	26.4	79.2
134	25.9	12.3	36.8



#90
Hexachloroethane
Concen: 4.676 ug/l
RT: 14.534 min Scan# 2219
Delta R.T. -0.000 min
Lab File: VT019241.D
Acq: 8 Dec 2025 10:10

Tgt Ion:	117	Resp:	6303
Ion	Ratio	Lower	Upper
117	100		
201	68.3	36.8	110.4

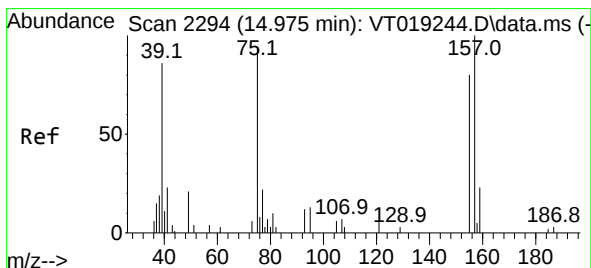
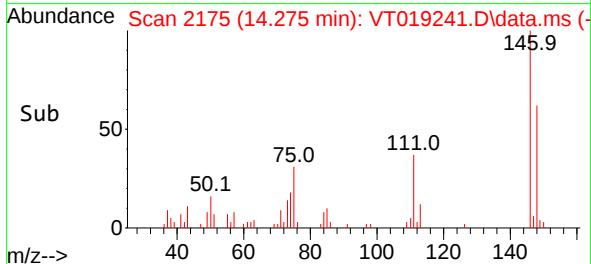
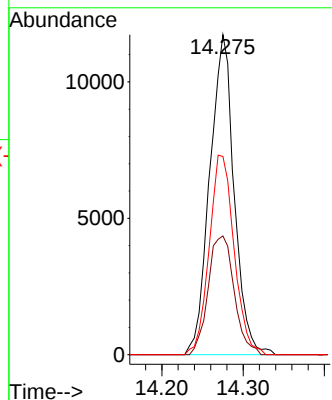
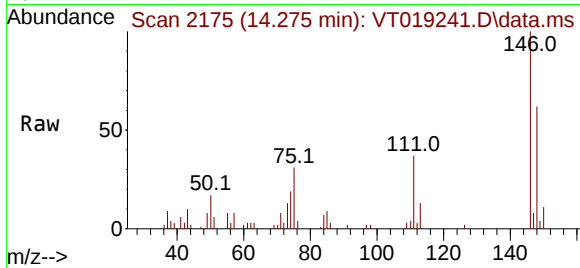




#91
1,2-Dichlorobenzene
Concen: 5.382 ug/l
RT: 14.275 min Scan# 2175
Delta R.T. -0.000 min
Lab File: VT019241.D
Acq: 8 Dec 2025 10:10

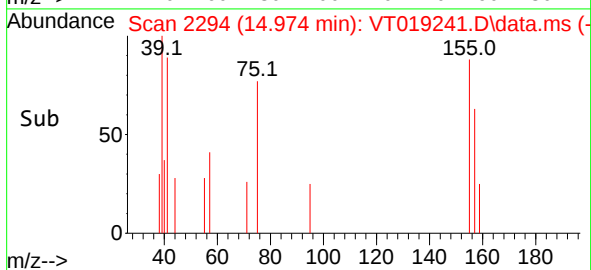
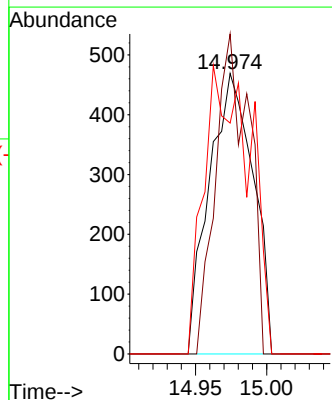
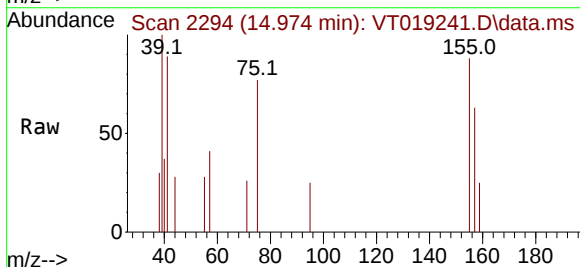
Instrument :
MSVOA_T
ClientSampleId :
VSTDIC005

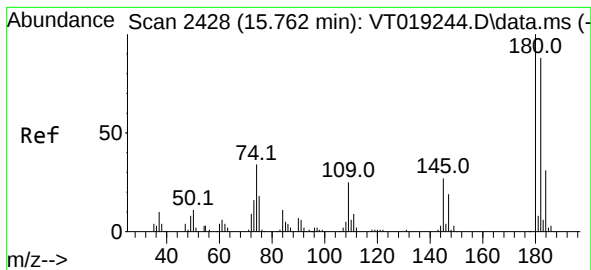
Tgt Ion:146 Resp: 24443
Ion Ratio Lower Upper
146 100
111 39.6 20.2 60.5
148 63.7 31.8 95.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 4.145 ug/l
RT: 14.974 min Scan# 2294
Delta R.T. -0.000 min
Lab File: VT019241.D
Acq: 8 Dec 2025 10:10

Tgt Ion: 75 Resp: 1009
Ion Ratio Lower Upper
75 100
155 87.1 42.0 126.1
157 107.4 55.1 165.3

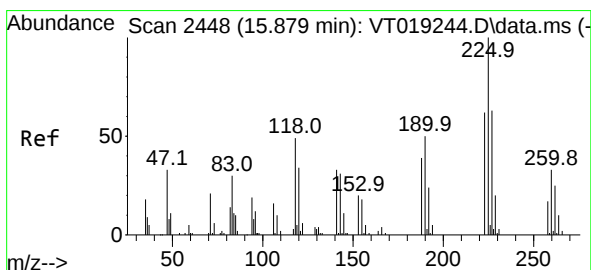
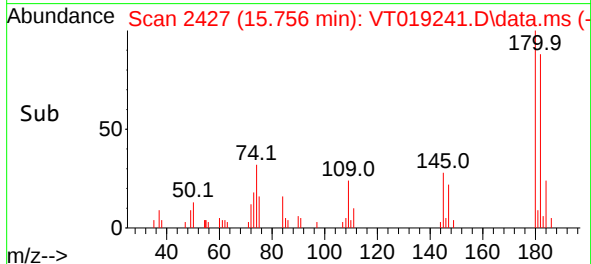
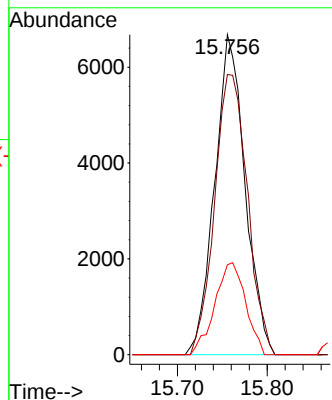
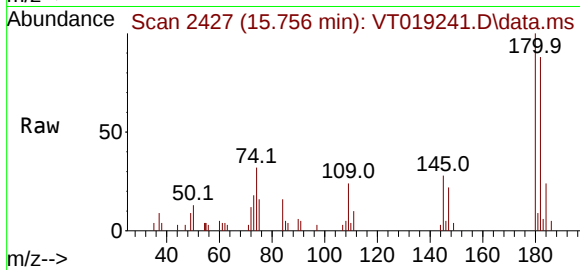




#93
1,2,4-Trichlorobenzene
Concen: 5.257 ug/l
RT: 15.756 min Scan# 2428
Delta R.T. -0.006 min
Lab File: VT019241.D
Acq: 8 Dec 2025 10:10

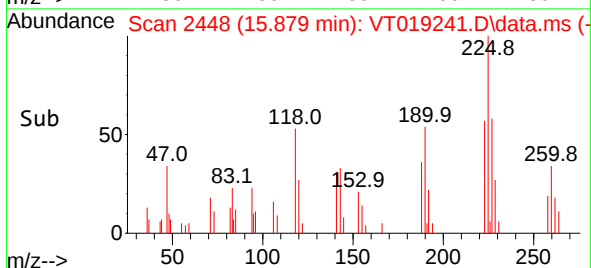
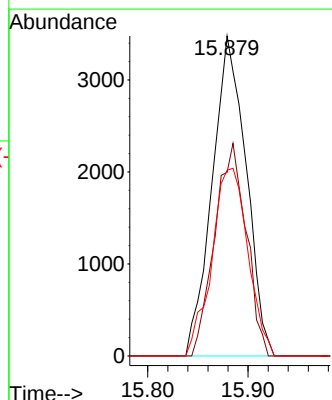
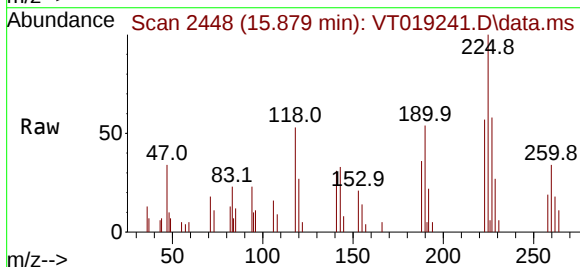
Instrument :
MSVOA_T
ClientSampleId :
VSTDIC005

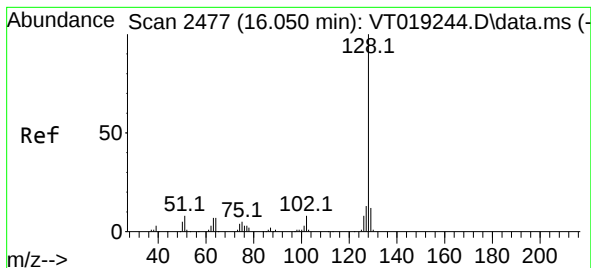
Tgt Ion:180 Resp: 15676
Ion Ratio Lower Upper
180 100
182 94.6 46.6 139.8
145 29.2 14.7 44.1



#94
Hexachlorobutadiene
Concen: 5.352 ug/l
RT: 15.879 min Scan# 2448
Delta R.T. -0.000 min
Lab File: VT019241.D
Acq: 8 Dec 2025 10:10

Tgt Ion:225 Resp: 8175
Ion Ratio Lower Upper
225 100
223 61.8 32.1 96.5
227 62.4 31.6 95.0





#95

Naphthalene

Concen: 5.499 ug/l

RT: 16.049 min Scan# 2477

Delta R.T. -0.000 min

Lab File: VT019241.D

Acq: 8 Dec 2025 10:10

Instrument :

MSVOA_T

ClientSampleId :

VSTDIC005

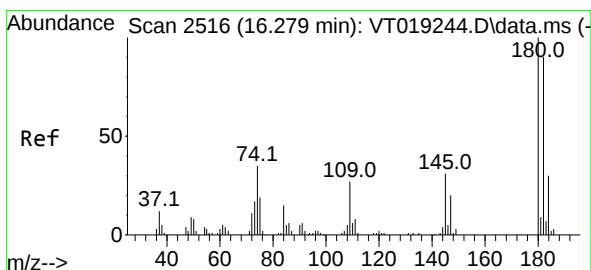
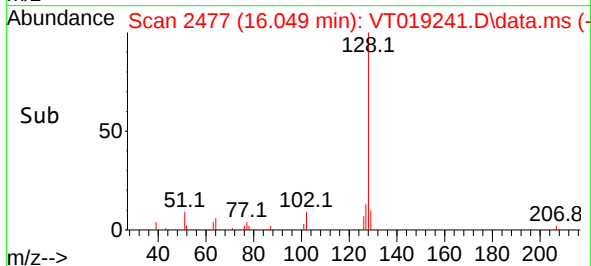
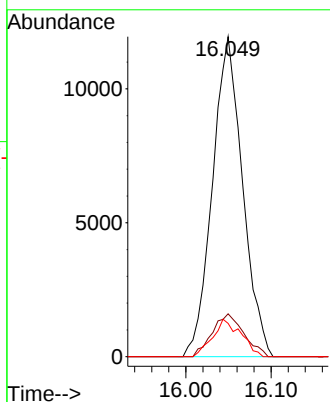
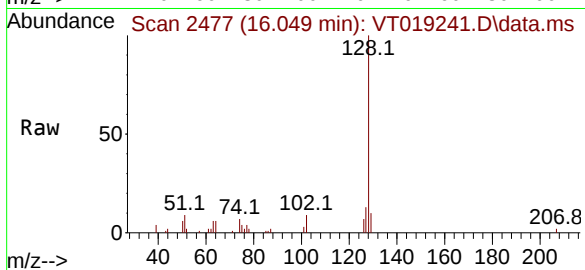
Tgt Ion:128 Resp: 29358

Ion Ratio Lower Upper

128 100

127 14.0 11.0 16.4

129 11.0 8.9 13.3



#96

1,2,3-Trichlorobenzene

Concen: 5.342 ug/l

RT: 16.284 min Scan# 2517

Delta R.T. 0.006 min

Lab File: VT019241.D

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Tgt Ion:180 Resp: 13621

Ion Ratio Lower Upper

180 100

182 93.0 47.9 143.8

145 30.5 15.7 47.1

