

Data Path : Z:\voasrv\HPCHEM1\MSVOA_T\Data\VT120825\
 Data File : VT019243.D
 Acq On : 8 Dec 2025 11:04
 Operator : SY/MD
 Sample : VSTDICC020
 Misc : 5.00g/5.0mL/MSVOA_T/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_T
 ClientSampleId :
 VSTDICC020

Quant Time: Dec 09 01:01:06 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_T\methods\82T120825S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 09 00:58:21 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.542	168	217942	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.535	114	372436	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.714	117	326749	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.917	152	140314	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.930	65	52156	18.581	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	=	37.160%#
35) Dibromofluoromethane	7.460	113	42461	19.361	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	=	38.720%#
50) Toluene-d8	10.215	98	186312	19.339	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	=	38.680%#
62) 4-Bromofluorobenzene	12.848	95	64218	19.459	ug/l	0.00
Spiked Amount	50.000	Range	52 - 138	Recovery	=	38.920%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.872	85	32631	15.019	ug/l	97
3) Chloromethane	2.066	50	27275	7.929	ug/l	100
4) Vinyl Chloride	2.189	62	69148	18.974	ug/l	99
5) Bromomethane	2.518	94	46062	17.016	ug/l	95
6) Chloroethane	2.659	64	58174	20.365	ug/l	98
7) Trichlorofluoromethane	2.959	101	107981	20.181	ug/l	98
8) Diethyl Ether	3.329	74	40724	19.803	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.652	101	62265	19.889	ug/l	98
10) Methyl Iodide	3.834	142	50644	18.382	ug/l	98
11) Tert butyl alcohol	4.651	59	27816	91.199	ug/l	99
12) 1,1-Dichloroethene	3.635	96	63677	19.840	ug/l	96
13) Acrolein	3.511	56	12025	130.446	ug/l	99
14) Allyl chloride	4.181	41	120544	19.402	ug/l	99
15) Acrylonitrile	4.810	53	77960	89.898	ug/l	99
16) Acetone	3.711	43	183073	124.020	ug/l	98
17) Carbon Disulfide	3.928	76	183249	19.529	ug/l	100
18) Methyl Acetate	4.187	43	41142	17.096	ug/l	100
19) Methyl tert-butyl Ether	4.869	73	146036	17.465	ug/l	99
20) Methylene Chloride	4.399	84	76384	19.551	ug/l	94
21) trans-1,2-Dichloroethene	4.857	96	53576	17.431	ug/l	98
22) Diisopropyl ether	5.768	45	204051	19.177	ug/l	98
23) Vinyl Acetate	5.703	43	457154	98.877	ug/l	99
24) 1,1-Dichloroethane	5.650	63	105099	18.972	ug/l	99
25) 2-Butanone	6.661	43	127603	103.215	ug/l	99
26) 2,2-Dichloropropane	6.643	77	76236	18.833	ug/l	99
27) cis-1,2-Dichloroethene	6.643	96	60860	18.955	ug/l	99
28) Bromochloromethane	7.031	49	43640	17.736	ug/l #	99
29) Tetrahydrofuran	7.060	42	57228	93.098	ug/l	98
30) Chloroform	7.225	83	94264	18.917	ug/l	97
31) Cyclohexane	7.524	56	104778	18.622	ug/l	98
32) 1,1,1-Trichloroethane	7.436	97	75916	18.957	ug/l	98
36) 1,1-Dichloropropene	7.671	75	73484	19.057	ug/l	99
37) Ethyl Acetate	6.760	43	41110	20.812	ug/l	99
38) Carbon Tetrachloride	7.654	117	54650	19.424	ug/l	93
39) Methylcyclohexane	9.081	83	99343	19.266	ug/l	97
40) Benzene	7.936	78	232067	19.249	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.001	41	19613	18.101	ug/l	98
42) 1,2-Dichloroethane	8.035	62	60084	19.450	ug/l	100
43) Isopropyl Acetate	8.082	43	70503	19.082	ug/l	99
44) Trichloroethene	8.811	130	48831	19.262	ug/l	100
45) 1,2-Dichloropropane	9.122	63	54168	19.304	ug/l	99
46) Dibromomethane	9.228	93	25811	20.217	ug/l	96
47) Bromodichloromethane	9.440	83	66772	19.407	ug/l	96
48) Methyl methacrylate	9.216	41	32909	18.668	ug/l	98
49) 1,4-Dioxane	9.234	88	8029	351.778	ug/l	99
51) 4-Methyl-2-Pentanone	10.098	43	175813	96.518	ug/l	99
52) Toluene	10.286	92	141033	19.480	ug/l	98
53) t-1,3-Dichloropropene	10.544	75	60413	19.366	ug/l	97
54) cis-1,3-Dichloropropene	9.933	75	76040	19.267	ug/l	96
55) 1,1,2-Trichloroethane	10.750	97	36020	19.713	ug/l	99
56) Ethyl methacrylate	10.603	69	47751	19.389	ug/l	99
57) 1,3-Dichloropropane	10.915	76	65421	19.361	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.775	63	75469	18.903	ug/l	100
59) 2-Hexanone	10.967	43	155125	105.967	ug/l	99
60) Dibromochloromethane	11.138	129	37167	19.355	ug/l	100
61) 1,2-Dibromoethane	11.255	107	30261	19.672	ug/l	97
64) Tetrachloroethene	10.826	164	45506	18.594	ug/l	97
65) Chlorobenzene	11.743	112	144769	19.359	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.831	131	39758	18.568	ug/l	97
67) Ethyl Benzene	11.831	91	267162	18.559	ug/l	99
68) m/p-Xylenes	11.954	106	206408	37.289	ug/l	98
69) o-Xylene	12.331	106	98744	18.844	ug/l	99
70) Styrene	12.348	104	167235	19.092	ug/l	99
71) Bromoform	12.536	173	18879	18.704	ug/l #	99
73) Isopropylbenzene	12.671	105	261424	21.120	ug/l	99
74) N-amyl acetate	12.460	43	47095	20.643	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.959	83	40109	20.966	ug/l	97
76) 1,2,3-Trichloropropane	13.012	75	45980	30.649	ug/l #	100
77) Bromobenzene	12.989	156	52377	20.518	ug/l	99
78) n-propylbenzene	13.059	91	273680	18.762	ug/l	100
79) 2-Chlorotoluene	13.159	91	150210	18.312	ug/l	98
80) 1,3,5-Trimethylbenzene	13.218	105	180196	18.843	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.730	75	9191	17.781	ug/l	91
82) 4-Chlorotoluene	13.271	91	157888	18.382	ug/l	100
83) tert-Butylbenzene	13.517	119	167596	19.517	ug/l	99
84) 1,2,4-Trimethylbenzene	13.570	105	187852	19.392	ug/l	96
85) sec-Butylbenzene	13.723	105	252739	19.560	ug/l	99
86) p-Isopropyltoluene	13.852	119	208133	19.104	ug/l	99
87) 1,3-Dichlorobenzene	13.852	146	98735	18.635	ug/l	98
88) 1,4-Dichlorobenzene	13.940	146	97260	19.321	ug/l	99
89) n-Butylbenzene	14.222	91	205263	19.983	ug/l	100
90) Hexachloroethane	14.528	117	26241	19.496	ug/l	99
91) 1,2-Dichlorobenzene	14.269	146	90884	20.042	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.980	75	4810	19.789	ug/l	99
93) 1,2,4-Trichlorobenzene	15.762	180	61237	20.566	ug/l	98
94) Hexachlorobutadiene	15.885	225	31806	20.854	ug/l	97
95) Naphthalene	16.050	128	106872	20.046	ug/l	98
96) 1,2,3-Trichlorobenzene	16.279	180	53471	21.000	ug/l	99

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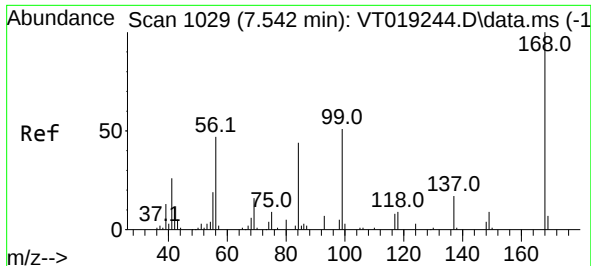
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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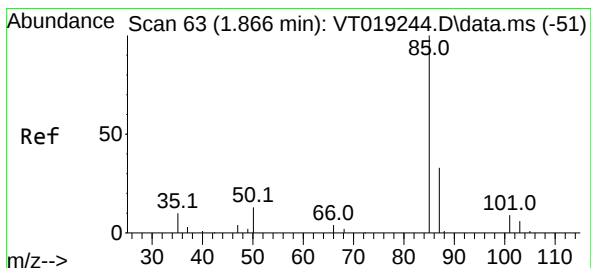
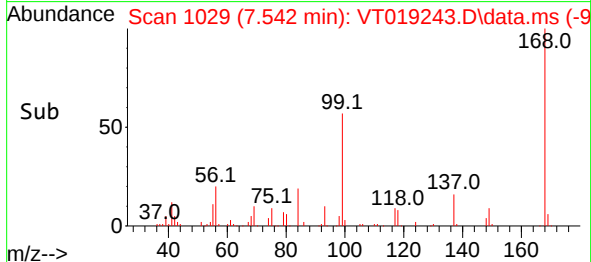
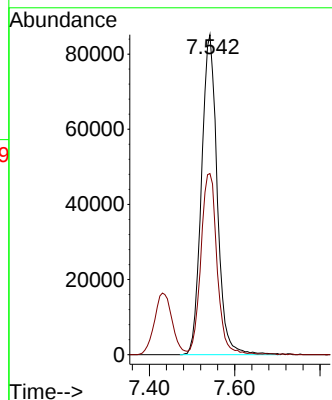
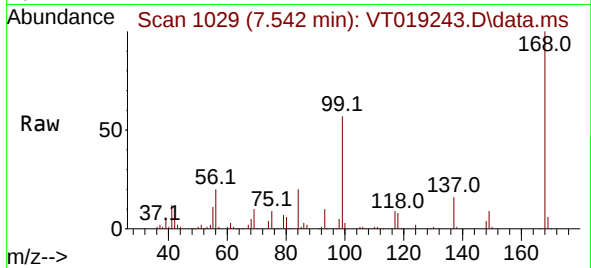




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.542 min Scan# 1029
Delta R.T. -0.000 min
Lab File: VT019243.D
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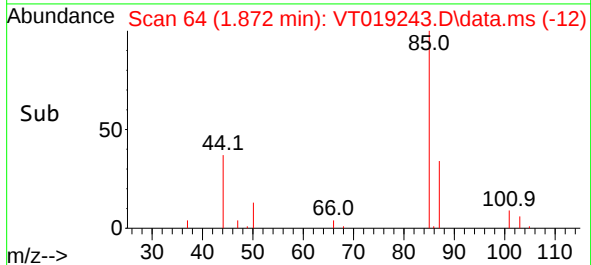
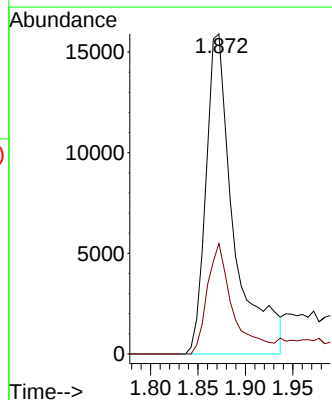
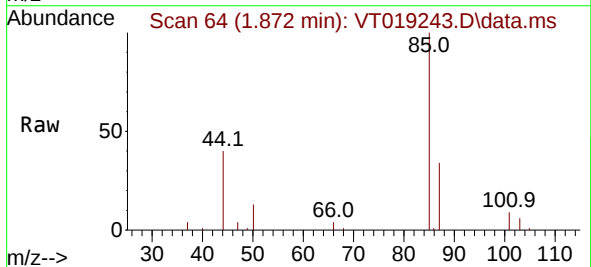
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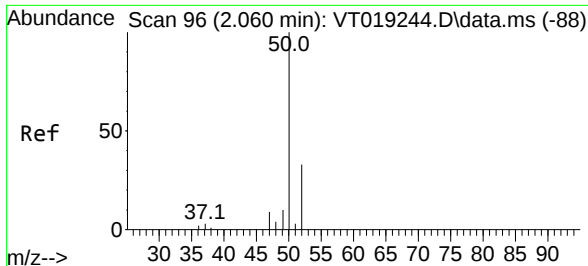
Tgt Ion:168 Resp: 217942
Ion Ratio Lower Upper
168 100
99 56.4 45.9 68.9



#2
Dichlorodifluoromethane
Concen: 15.019 ug/l
RT: 1.872 min Scan# 64
Delta R.T. 0.006 min
Lab File: VT019243.D
Acq: 8 Dec 2025 11:04

Tgt Ion: 85 Resp: 32631
Ion Ratio Lower Upper
85 100
87 34.5 16.4 49.4

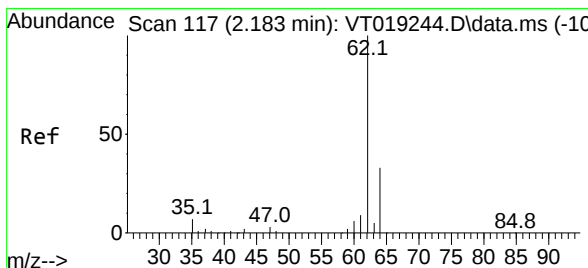
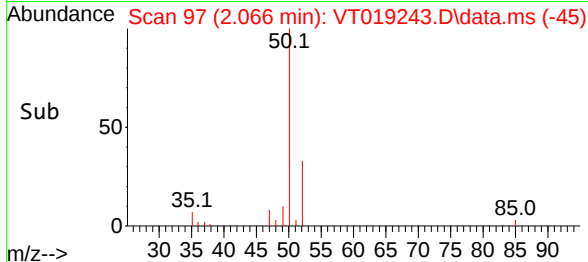
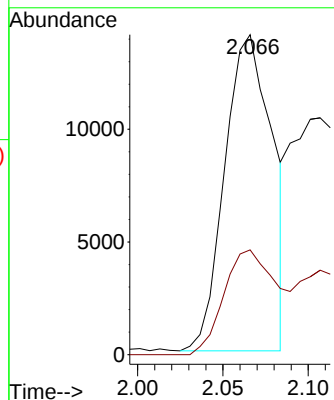
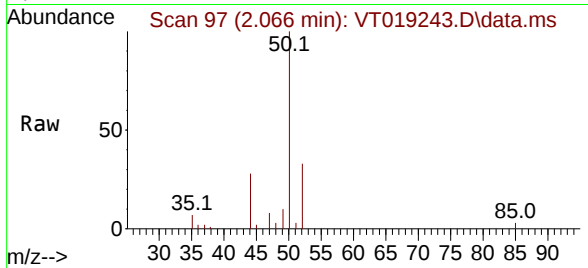




#3
Chloromethane
Concen: 7.929 ug/l
RT: 2.066 min Scan# 91
Delta R.T. 0.006 min
Lab File: VT019243.D
Acq: 8 Dec 2025 11:04

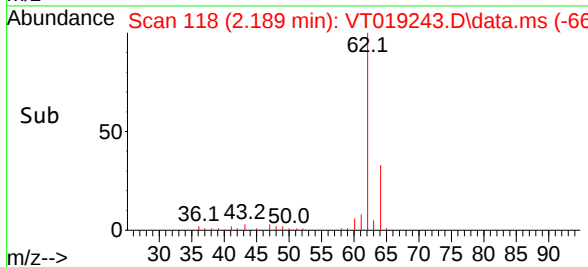
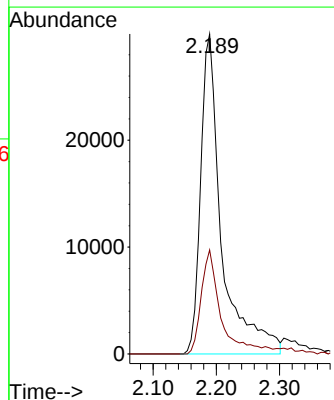
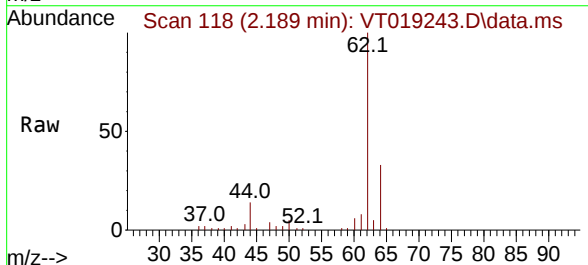
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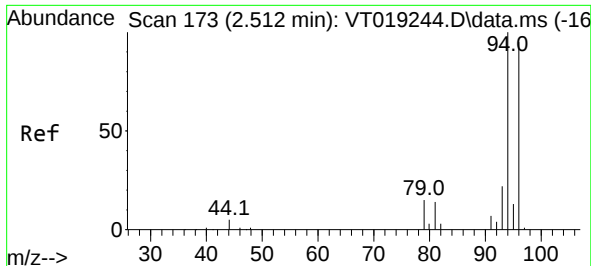
Tgt Ion: 50 Resp: 27275
Ion Ratio Lower Upper
50 100
52 33.2 26.3 39.5



#4
Vinyl Chloride
Concen: 18.974 ug/l
RT: 2.189 min Scan# 118
Delta R.T. 0.006 min
Lab File: VT019243.D
Acq: 8 Dec 2025 11:04

Tgt Ion: 62 Resp: 69148
Ion Ratio Lower Upper
62 100
64 32.5 26.5 39.7

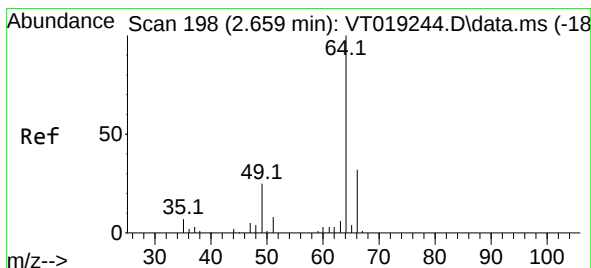
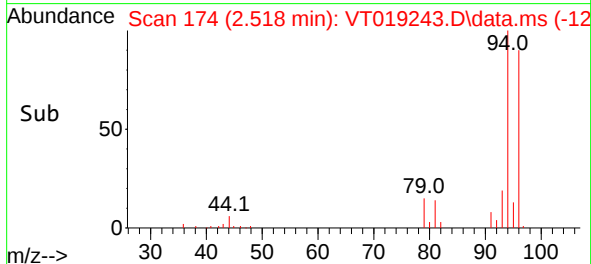
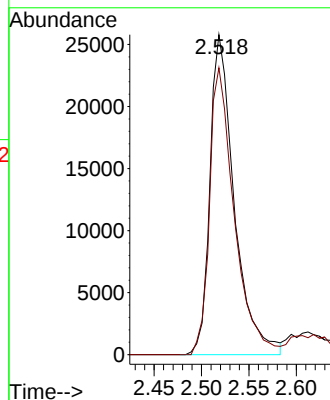
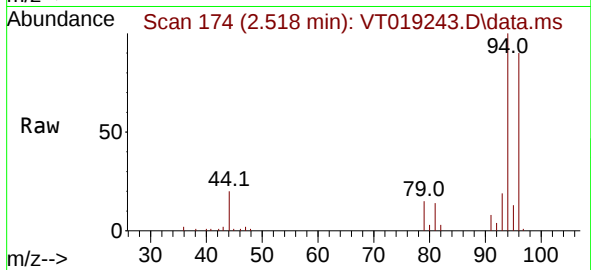




#5
Bromomethane
Concen: 17.016 ug/l
RT: 2.518 min Scan# 11
Delta R.T. 0.006 min
Lab File: VT019243.D
Acq: 8 Dec 2025 11:04

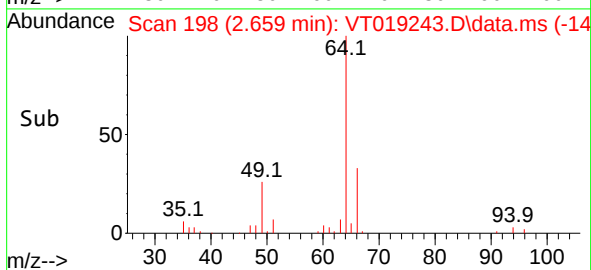
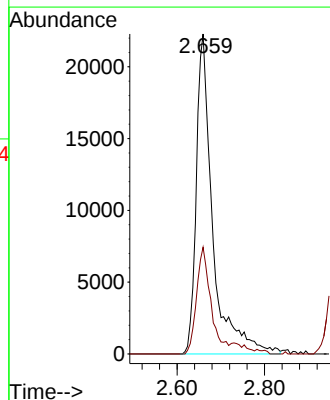
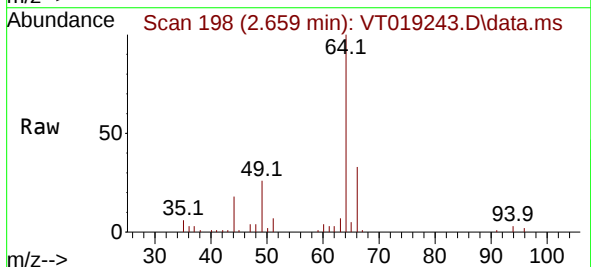
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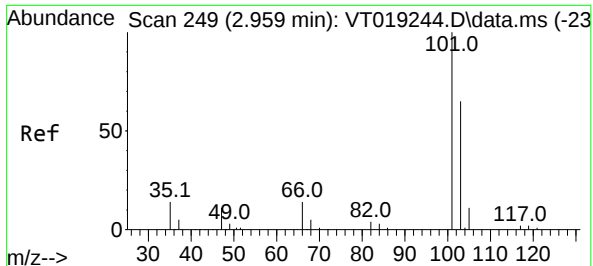
Tgt Ion: 94 Resp: 46062
Ion Ratio Lower Upper
94 100
96 89.7 75.8 113.6



#6
Chloroethane
Concen: 20.365 ug/l
RT: 2.659 min Scan# 198
Delta R.T. 0.000 min
Lab File: VT019243.D
Acq: 8 Dec 2025 11:04

Tgt Ion: 64 Resp: 58174
Ion Ratio Lower Upper
64 100
66 33.4 25.8 38.8

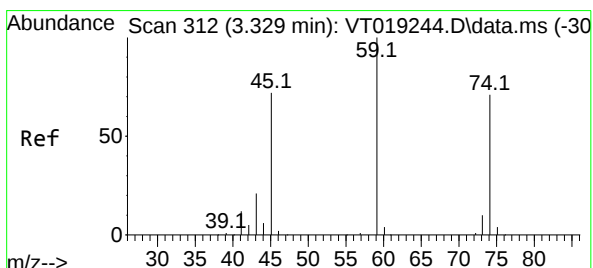
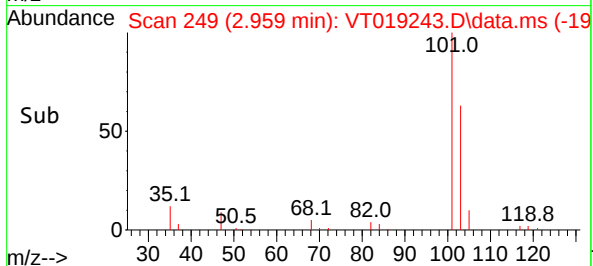
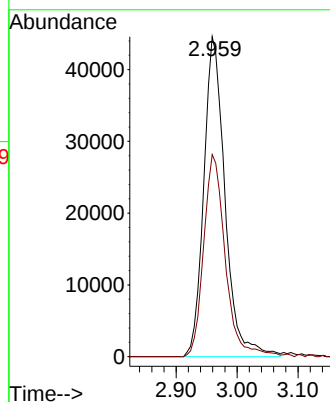
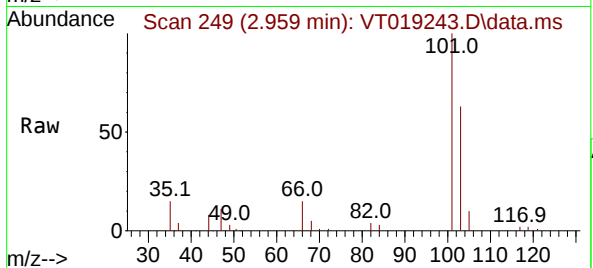




#7
 Trichlorofluoromethane
 Concen: 20.181 ug/l
 RT: 2.959 min Scan# 249
 Delta R.T. -0.000 min
 Lab File: VT019243.D
 Acq: 8 Dec 2025 11:04

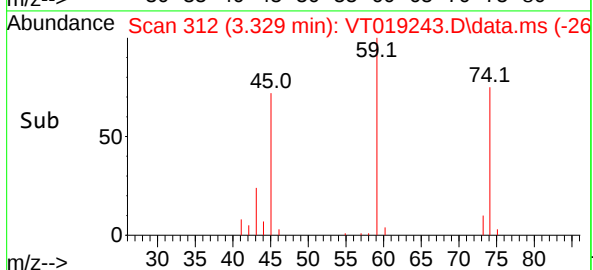
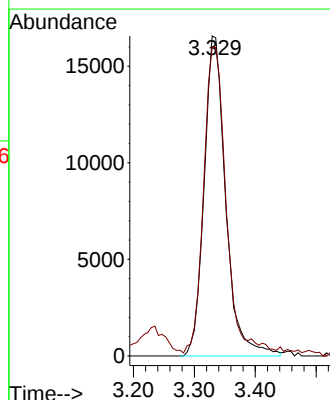
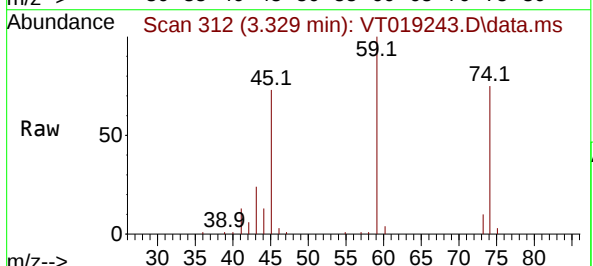
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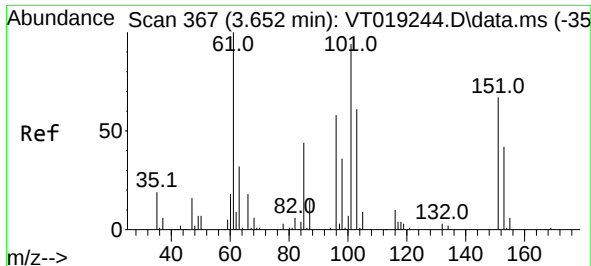
Tgt Ion:101 Resp: 107981
 Ion Ratio Lower Upper
 101 100
 103 63.2 51.6 77.4



#8
 Diethyl Ether
 Concen: 19.803 ug/l
 RT: 3.329 min Scan# 312
 Delta R.T. 0.000 min
 Lab File: VT019243.D
 Acq: 8 Dec 2025 11:04

Tgt Ion: 74 Resp: 40724
 Ion Ratio Lower Upper
 74 100
 45 99.0 48.4 145.3

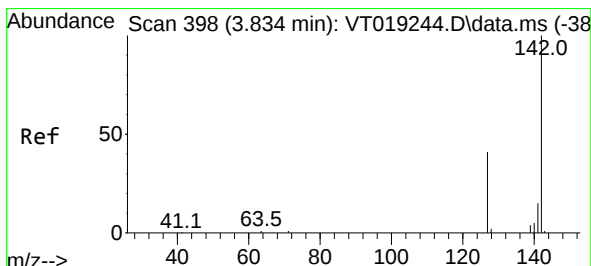
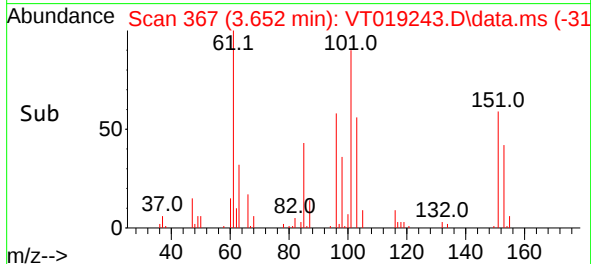
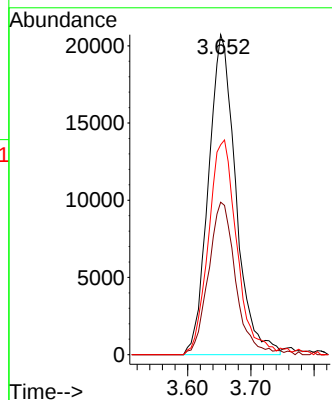
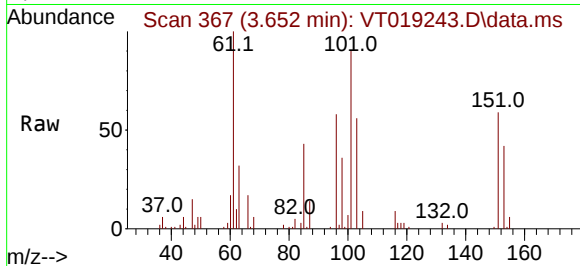




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.889 ug/l
RT: 3.652 min Scan# 301
Delta R.T. -0.000 min
Lab File: VT019243.D
Acq: 8 Dec 2025 11:04

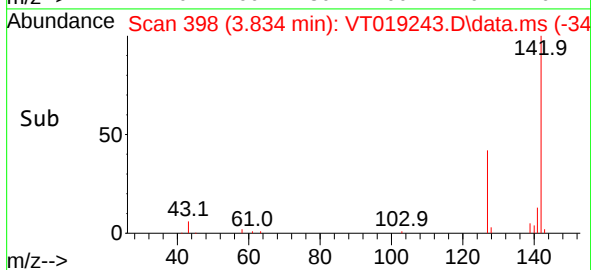
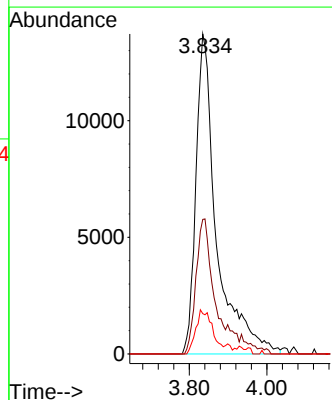
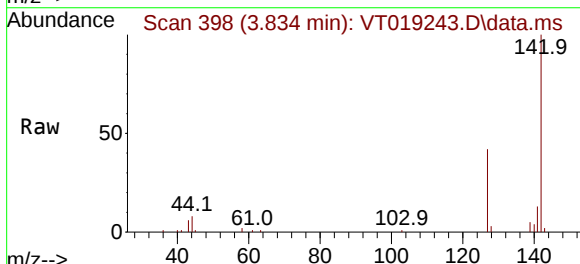
Instrument :
MSVOA_T
ClientSampleId :
VSTDIC020

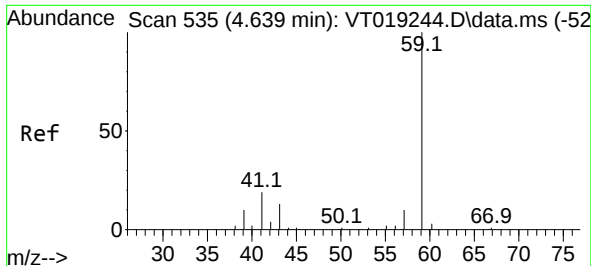
Tgt Ion:101 Resp: 62265
Ion Ratio Lower Upper
101 100
85 47.7 37.7 56.5
151 69.5 57.6 86.4



#10
Methyl Iodide
Concen: 18.382 ug/l
RT: 3.834 min Scan# 398
Delta R.T. 0.000 min
Lab File: VT019243.D
Acq: 8 Dec 2025 11:04

Tgt Ion:142 Resp: 50644
Ion Ratio Lower Upper
142 100
127 41.7 32.9 49.3
141 11.1 10.3 15.5





#11

Tert butyl alcohol

Concen: 91.199 ug/l

RT: 4.651 min Scan# 51

Delta R.T. 0.012 min

Lab File: VT019243.D

Acq: 8 Dec 2025 11:04

Instrument :

MSVOA_T

ClientSampleId :

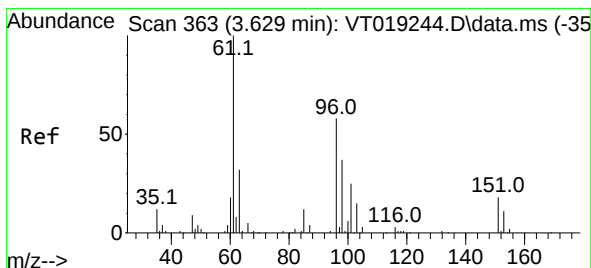
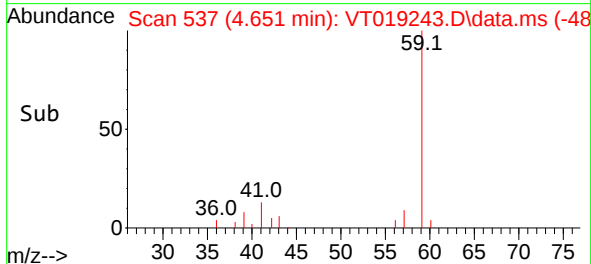
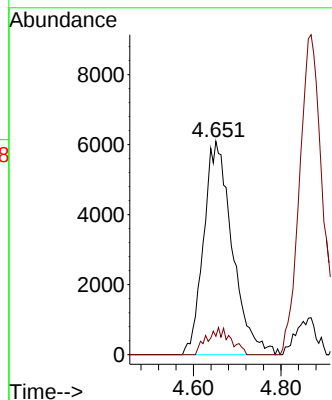
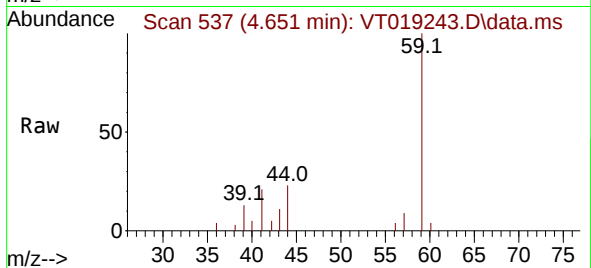
VSTDICC020

Tgt Ion: 59 Resp: 27816

Ion Ratio Lower Upper

59 100

57 10.3 8.0 12.0



#12

1,1-Dichloroethene

Concen: 19.840 ug/l

RT: 3.635 min Scan# 364

Delta R.T. 0.006 min

Lab File: VT019243.D

Acq: 8 Dec 2025 11:04

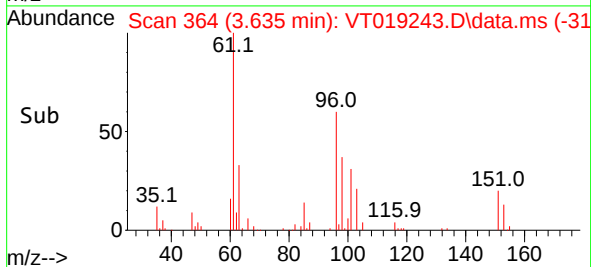
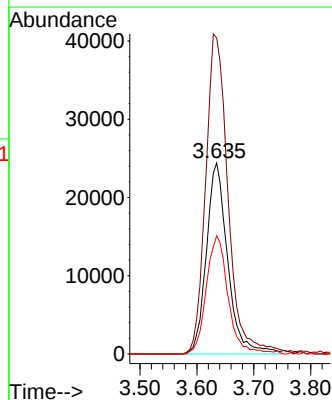
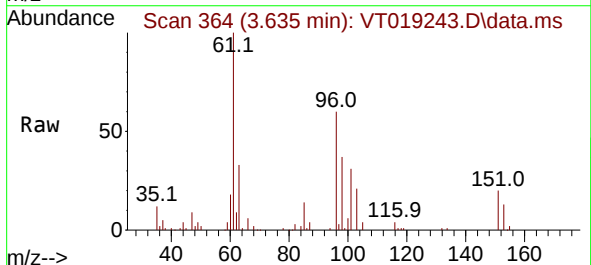
Tgt Ion: 96 Resp: 63677

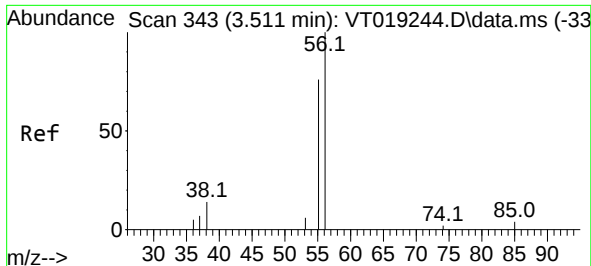
Ion Ratio Lower Upper

96 100

61 165.3 137.5 206.3

98 61.8 50.2 75.4

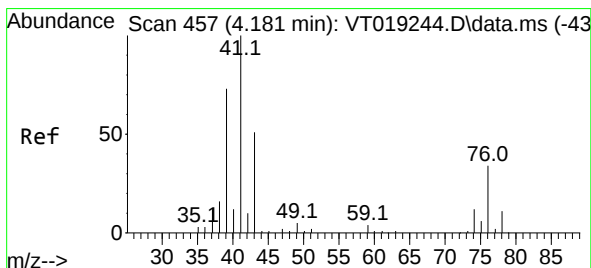
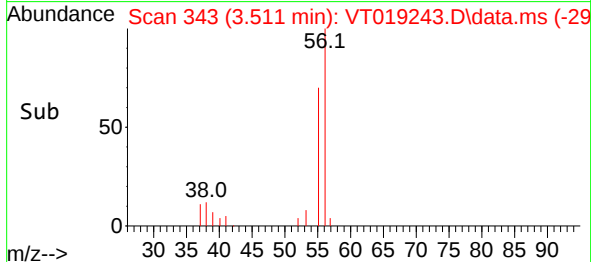
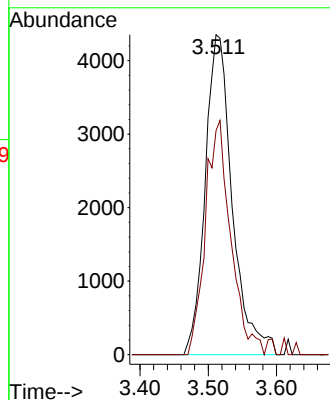
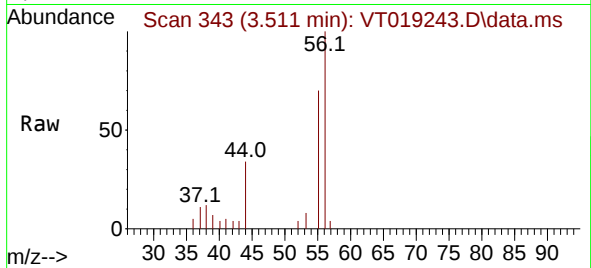




#13
Acrolein
Concen: 130.446 ug/l
RT: 3.511 min Scan# 343
Delta R.T. 0.000 min
Lab File: VT019243.D
Acq: 8 Dec 2025 11:04

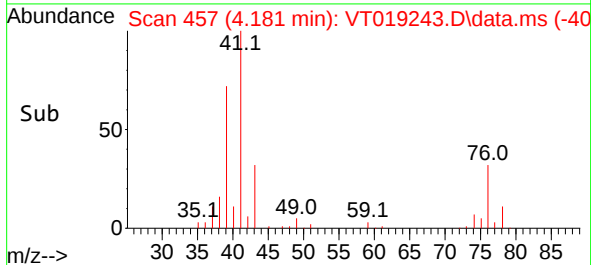
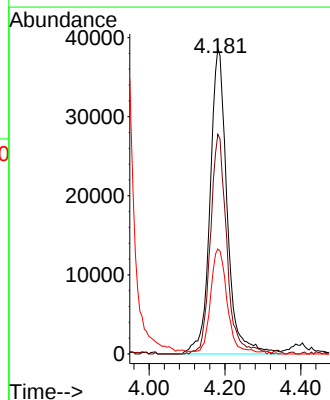
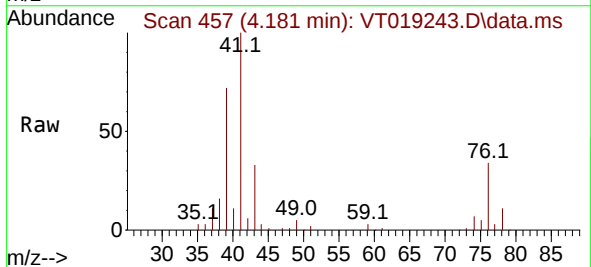
Instrument :
MSVOA_T
ClientSampleId :
VSTDICC020

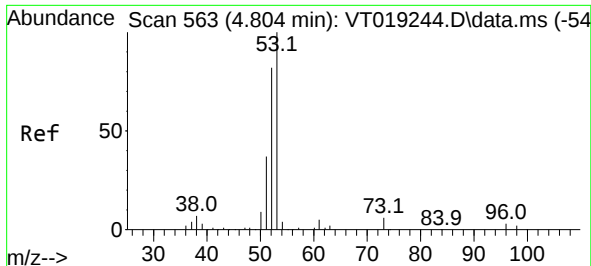
Tgt Ion: 56 Resp: 12025
Ion Ratio Lower Upper
56 100
55 68.4 55.1 82.7



#14
Allyl chloride
Concen: 19.402 ug/l
RT: 4.181 min Scan# 457
Delta R.T. 0.000 min
Lab File: VT019243.D
Acq: 8 Dec 2025 11:04

Tgt Ion: 41 Resp: 120544
Ion Ratio Lower Upper
41 100
39 69.2 55.7 83.5
76 31.7 26.6 39.8

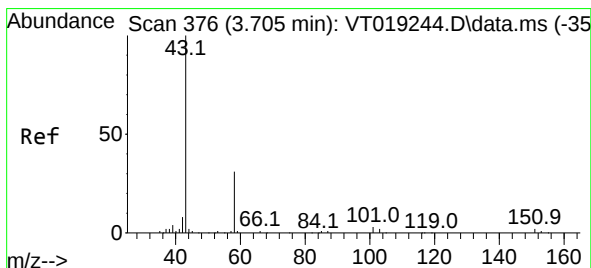
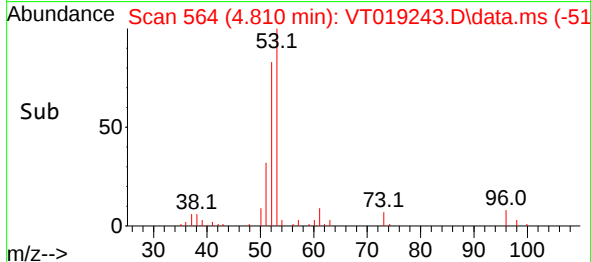
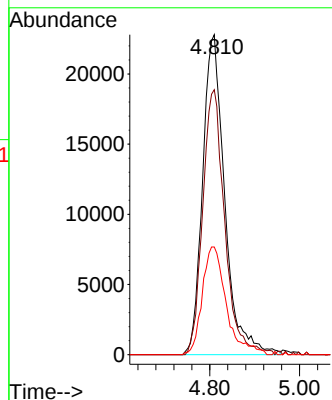
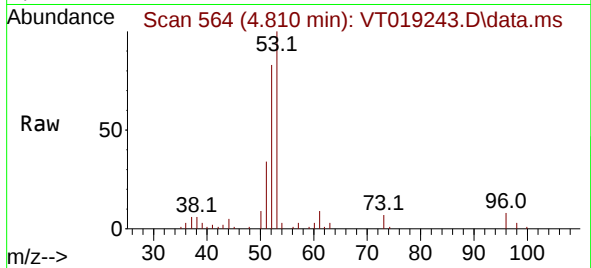




#15
Acrylonitrile
Concen: 89.898 ug/l
RT: 4.810 min Scan# 51
Delta R.T. 0.006 min
Lab File: VT019243.D
Acq: 8 Dec 2025 11:04

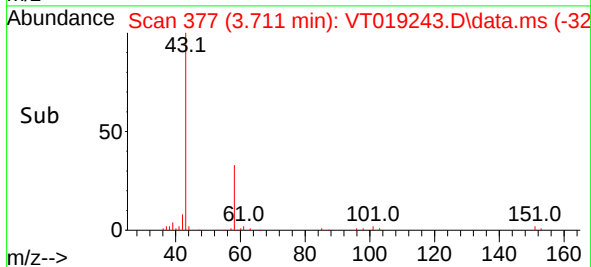
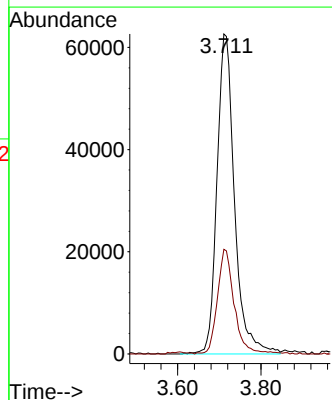
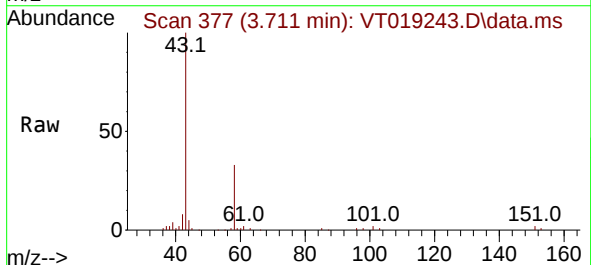
Instrument :
MSVOA_T
ClientSampleId :
VSTDICC020

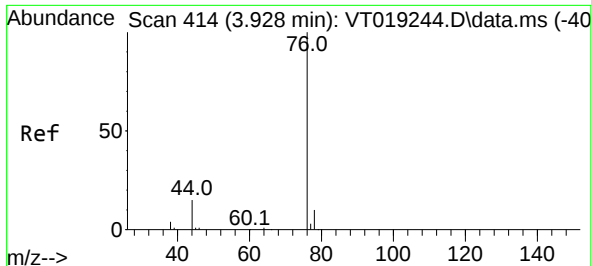
Tgt Ion: 53 Resp: 77960
Ion Ratio Lower Upper
53 100
52 82.3 64.9 97.3
51 36.5 29.7 44.5



#16
Acetone
Concen: 124.020 ug/l
RT: 3.711 min Scan# 377
Delta R.T. 0.006 min
Lab File: VT019243.D
Acq: 8 Dec 2025 11:04

Tgt Ion: 43 Resp: 183073
Ion Ratio Lower Upper
43 100
58 32.3 25.0 37.6





#17

Carbon Disulfide

Concen: 19.529 ug/l

RT: 3.928 min Scan# 414

Delta R.T. 0.000 min

Lab File: VT019243.D

Acq: 8 Dec 2025 11:04

Instrument :

MSVOA_T

ClientSampleId :

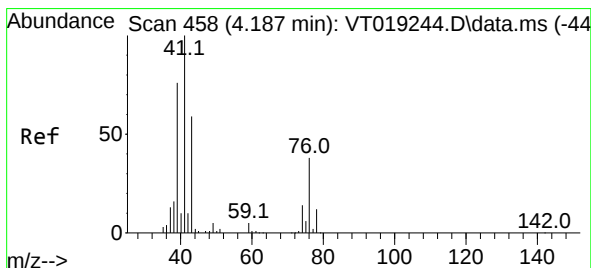
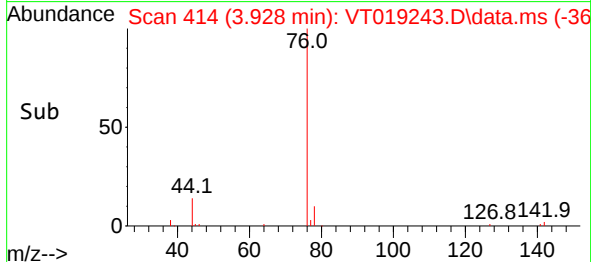
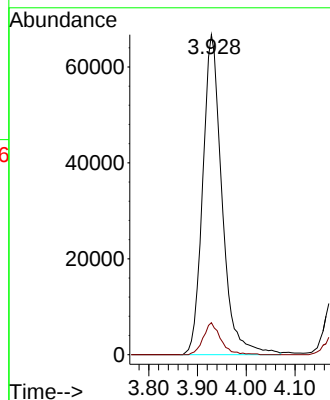
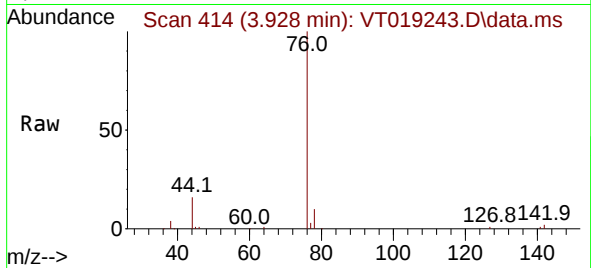
VSTDICC020

Tgt Ion: 76 Resp: 183249

Ion Ratio Lower Upper

76 100

78 10.0 8.0 12.0



#18

Methyl Acetate

Concen: 17.096 ug/l

RT: 4.187 min Scan# 458

Delta R.T. 0.000 min

Lab File: VT019243.D

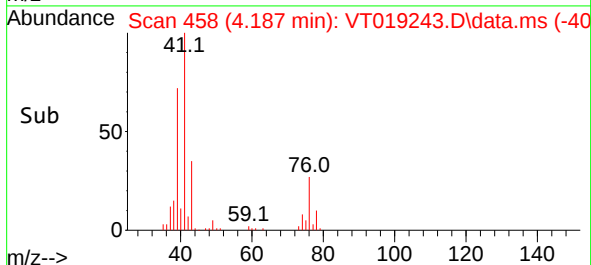
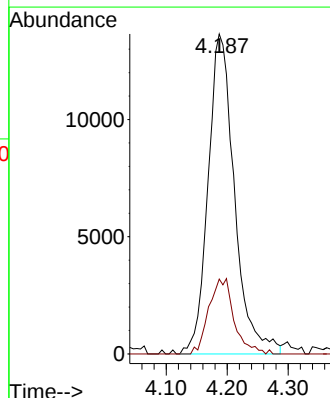
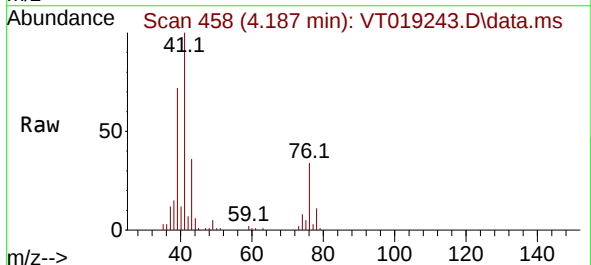
Acq: 8 Dec 2025 11:04

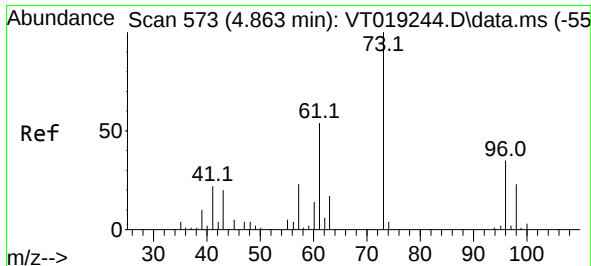
Tgt Ion: 43 Resp: 41142

Ion Ratio Lower Upper

43 100

74 22.5 17.9 26.9





#19

Methyl tert-butyl Ether

Concen: 17.465 ug/l

RT: 4.869 min Scan# 5

Delta R.T. 0.006 min

Lab File: VT019243.D

Acq: 8 Dec 2025 11:04

Instrument :

MSVOA_T

ClientSampleId :

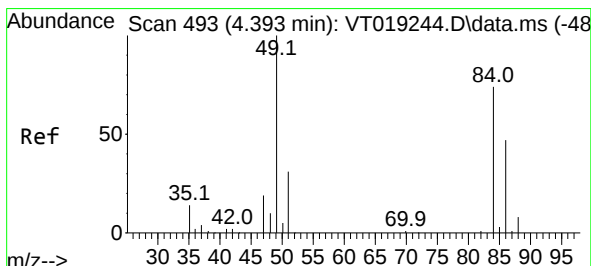
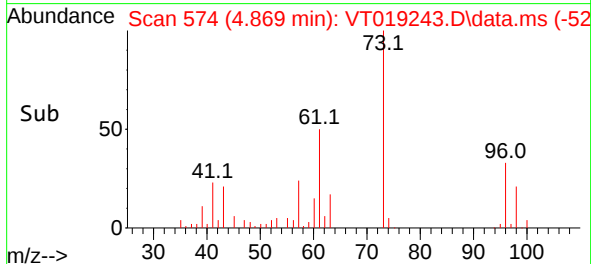
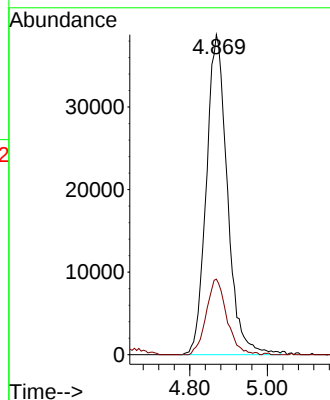
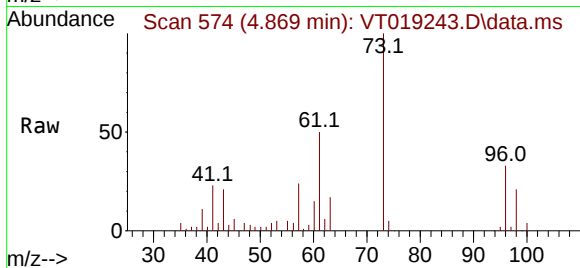
VSTDIC020

Tgt Ion: 73 Resp: 146036

Ion Ratio Lower Upper

73 100

57 23.6 18.6 27.8



#20

Methylene Chloride

Concen: 19.551 ug/l

RT: 4.399 min Scan# 494

Delta R.T. 0.006 min

Lab File: VT019243.D

Acq: 8 Dec 2025 11:04

Tgt Ion: 84 Resp: 76384

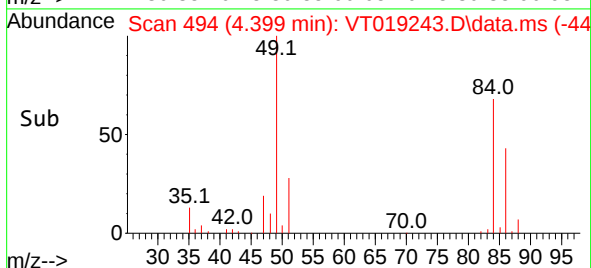
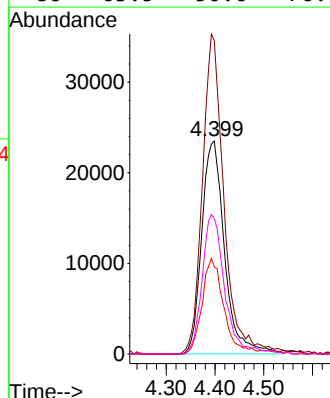
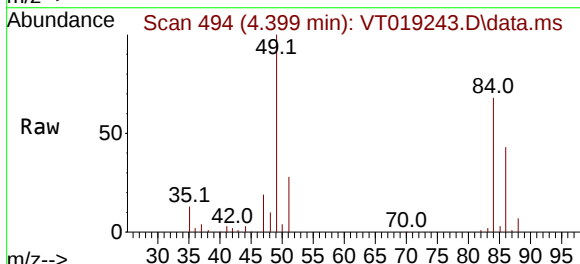
Ion Ratio Lower Upper

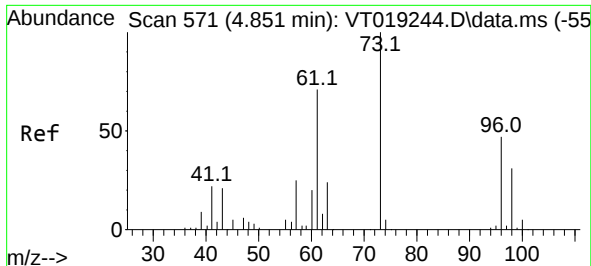
84 100

49 147.1 108.7 163.1

51 40.8 33.2 49.8

86 63.5 50.6 76.0





#21

trans-1,2-Dichloroethene

Concen: 17.431 ug/l

RT: 4.857 min Scan# 51

Delta R.T. 0.006 min

Lab File: VT019243.D

Acq: 8 Dec 2025 11:04

Instrument :

MSVOA_T

ClientSampleId :

VSTDIC020

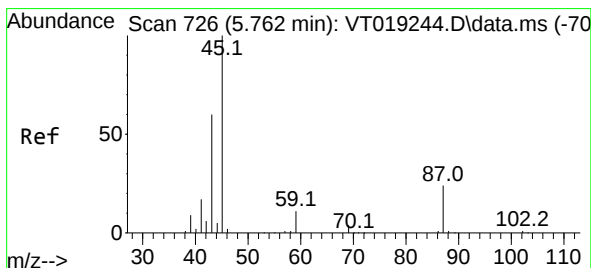
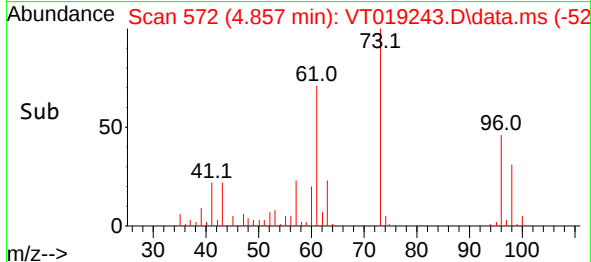
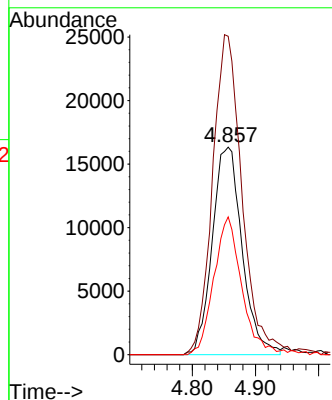
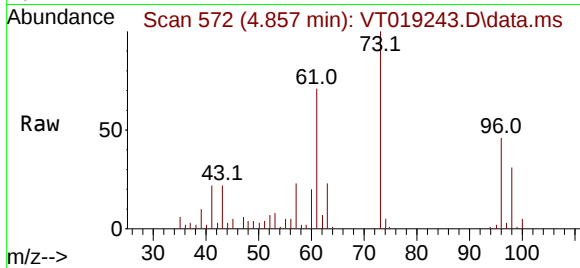
Tgt Ion: 96 Resp: 53576

Ion Ratio Lower Upper

96 100

61 153.4 120.9 181.3

98 66.3 51.8 77.8



#22

Diisopropyl ether

Concen: 19.177 ug/l

RT: 5.768 min Scan# 727

Delta R.T. 0.006 min

Lab File: VT019243.D

Acq: 8 Dec 2025 11:04

Tgt Ion: 45 Resp: 204051

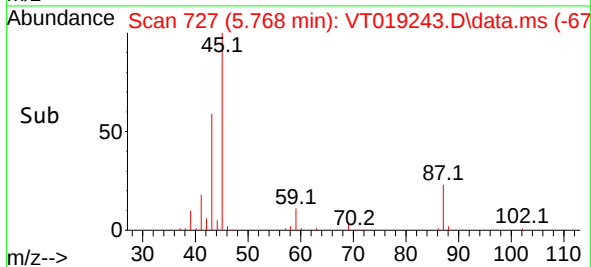
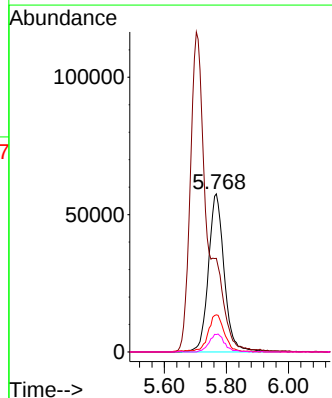
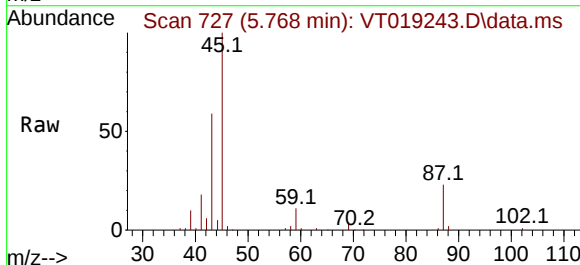
Ion Ratio Lower Upper

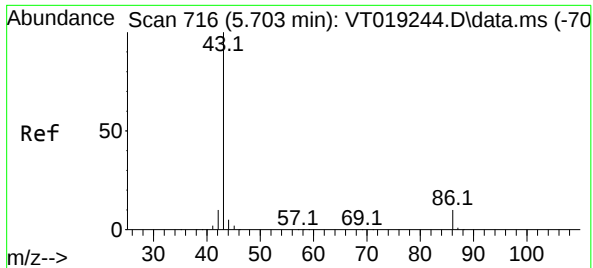
45 100

43 58.6 48.2 72.4

87 23.5 19.7 29.5

59 11.0 9.2 13.8

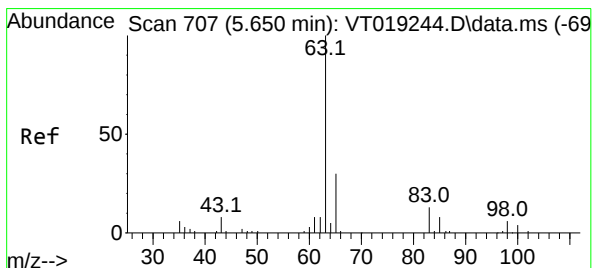
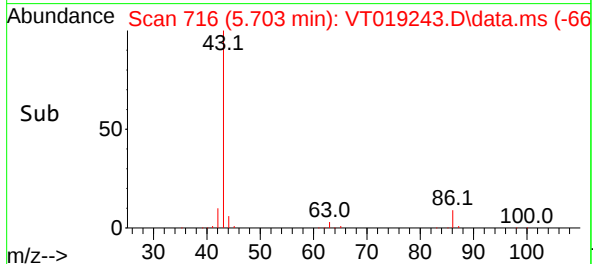
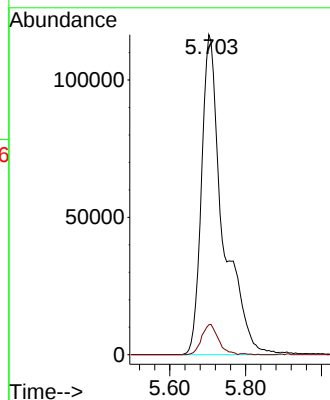
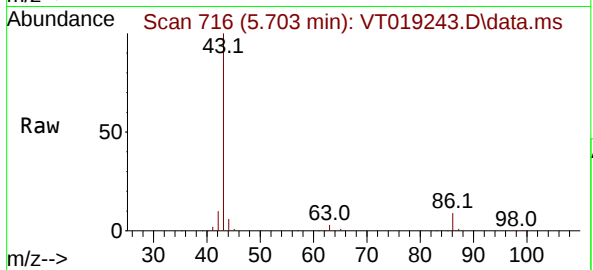




#23
 Vinyl Acetate
 Concen: 98.877 ug/l
 RT: 5.703 min Scan# 716
 Delta R.T. 0.000 min
 Lab File: VT019243.D
 Acq: 8 Dec 2025 11:04

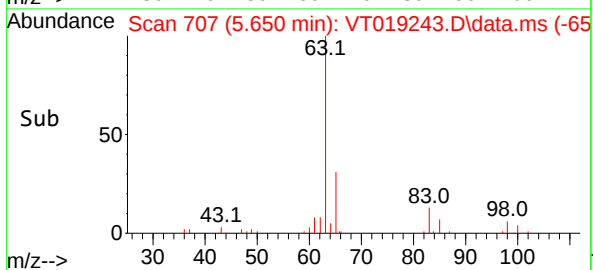
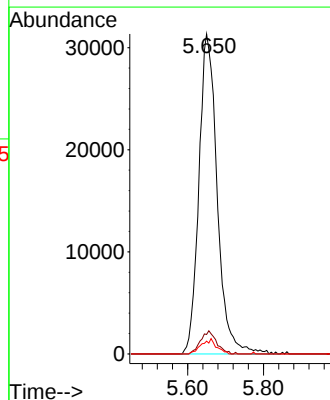
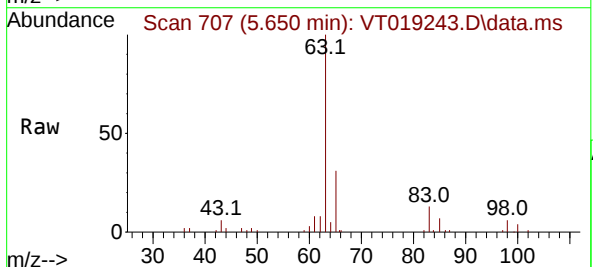
Instrument :
 MSVOA_T
 ClientSampleId :
 VSTDIC020

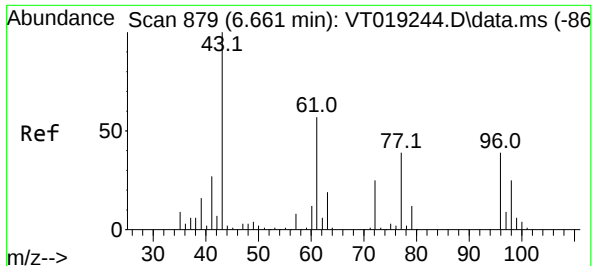
Tgt Ion: 43 Resp: 457154
 Ion Ratio Lower Upper
 43 100
 86 9.4 7.8 11.6



#24
 1,1-Dichloroethane
 Concen: 18.972 ug/l
 RT: 5.650 min Scan# 707
 Delta R.T. -0.000 min
 Lab File: VT019243.D
 Acq: 8 Dec 2025 11:04

Tgt Ion: 63 Resp: 105099
 Ion Ratio Lower Upper
 63 100
 98 6.1 3.2 9.6
 100 4.0 2.0 5.8





#25

2-Butanone

Concen: 103.215 ug/l

RT: 6.661 min Scan# 879

Delta R.T. -0.000 min

Lab File: VT019243.D

Acq: 8 Dec 2025 11:04

Instrument :

MSVOA_T

ClientSampleId :

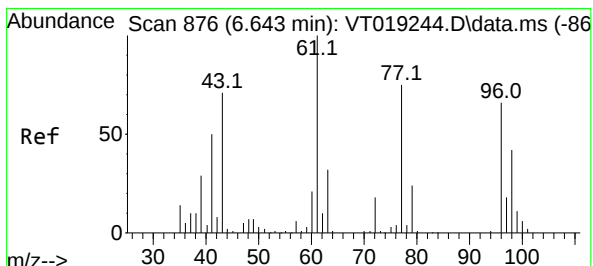
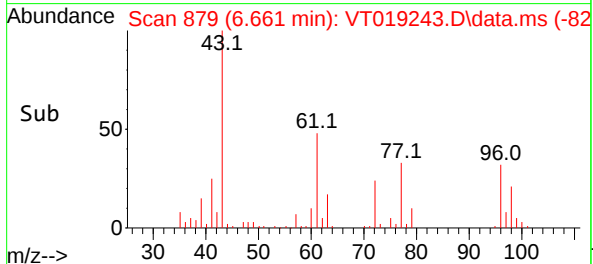
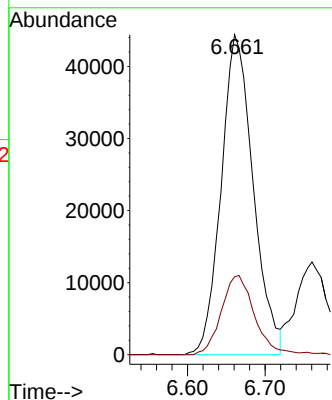
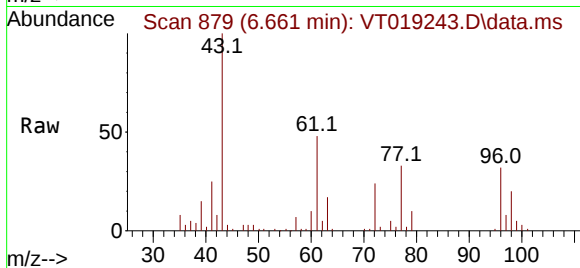
VSTDIC020

Tgt Ion: 43 Resp: 127603

Ion Ratio Lower Upper

43 100

72 24.4 19.8 29.6



#26

2,2-Dichloropropane

Concen: 18.833 ug/l

RT: 6.643 min Scan# 876

Delta R.T. 0.000 min

Lab File: VT019243.D

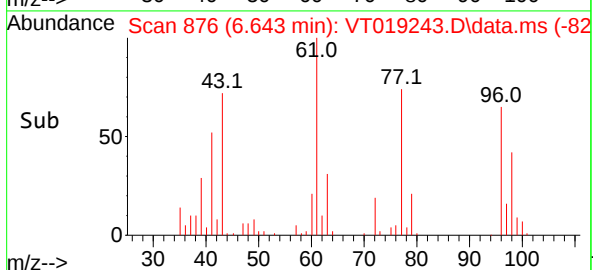
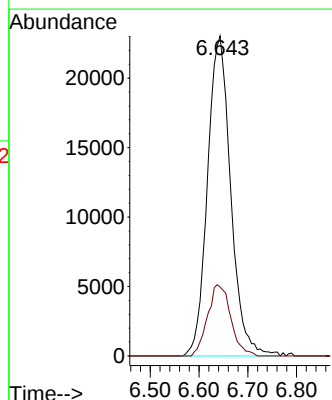
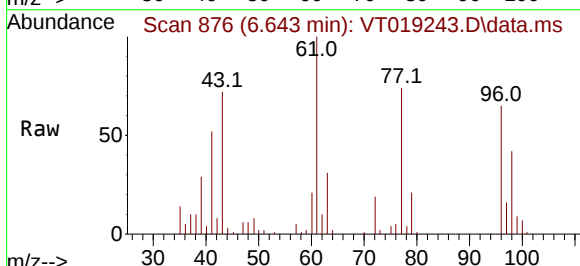
Acq: 8 Dec 2025 11:04

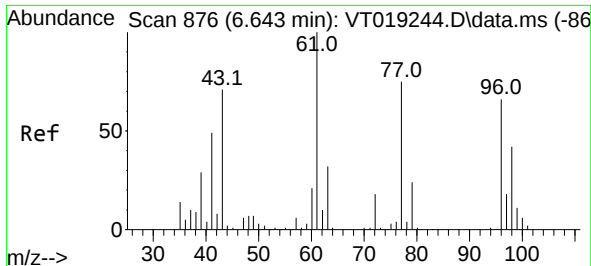
Tgt Ion: 77 Resp: 76236

Ion Ratio Lower Upper

77 100

97 22.2 11.3 33.8



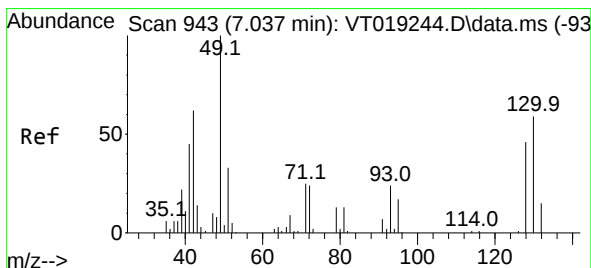
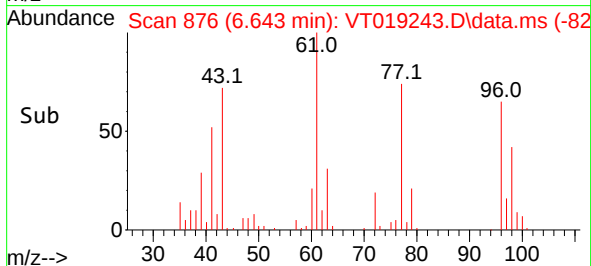
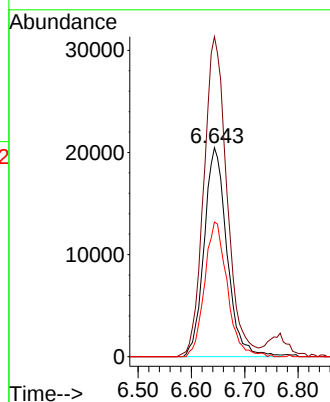
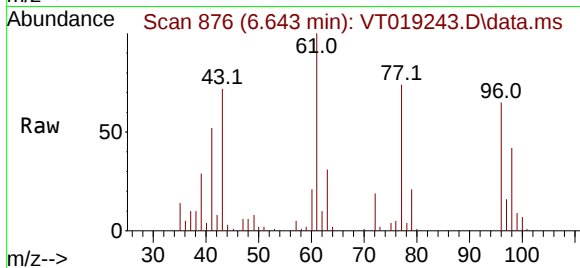


#27
 cis-1,2-Dichloroethene
 Concen: 18.955 ug/l
 RT: 6.643 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VT019243.D
 Acq: 8 Dec 2025 11:04

Instrument :
 MSVOA_T
 ClientSampleId :
 VSTDIC020

Tgt Ion: 96 Resp: 60860

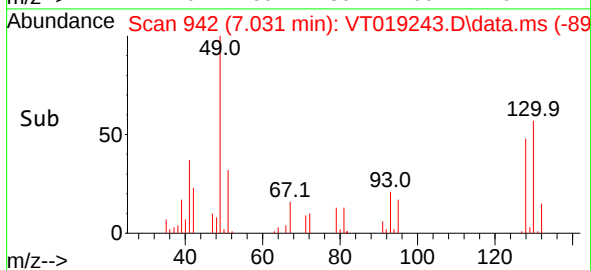
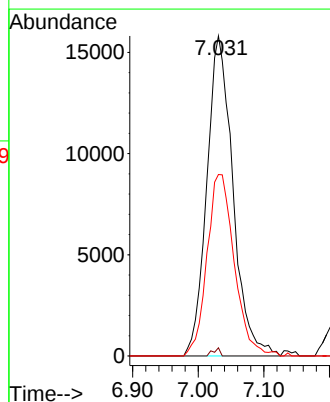
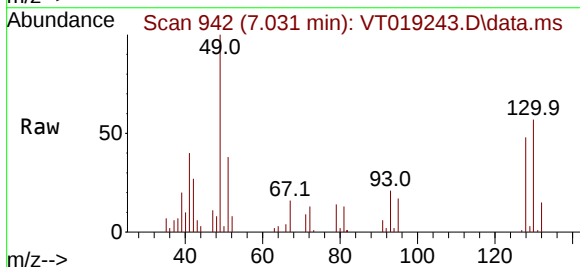
Ion	Ratio	Lower	Upper
96	100		
61	155.0	0.0	305.8
98	63.9	0.0	128.2

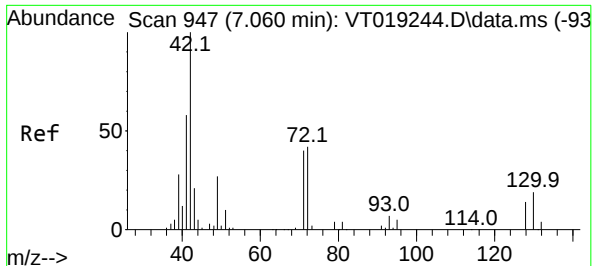


#28
 Bromochloromethane
 Concen: 17.736 ug/l
 RT: 7.031 min Scan# 942
 Delta R.T. -0.006 min
 Lab File: VT019243.D
 Acq: 8 Dec 2025 11:04

Tgt Ion: 49 Resp: 43640

Ion	Ratio	Lower	Upper
49	100		
129	0.7	0.0	0.4#
130	59.3	48.2	72.4





#29

Tetrahydrofuran

Concen: 93.098 ug/l

RT: 7.060 min Scan# 947

Delta R.T. 0.000 min

Lab File: VT019243.D

Acq: 8 Dec 2025 11:04

Instrument :

MSVOA_T

ClientSampleId :

VSTDIC020

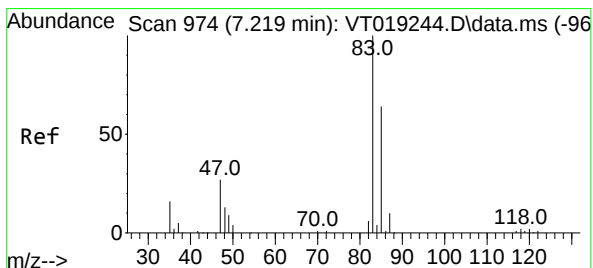
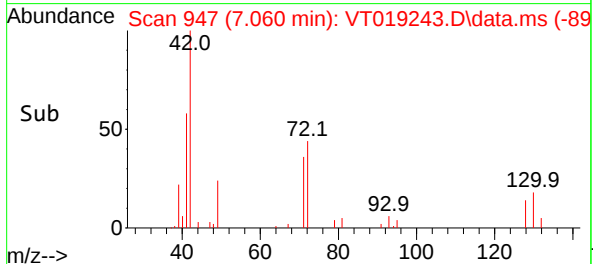
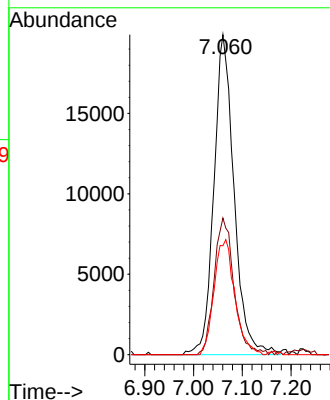
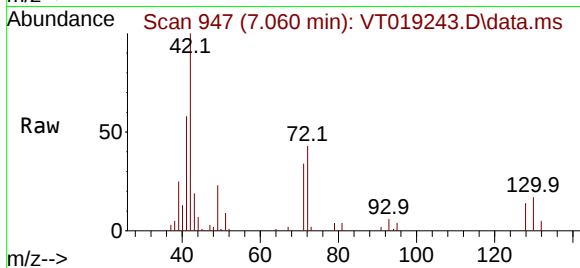
Tgt Ion: 42 Resp: 57228

Ion Ratio Lower Upper

42 100

72 41.8 33.0 49.6

71 36.9 30.6 46.0



#30

Chloroform

Concen: 18.917 ug/l

RT: 7.225 min Scan# 975

Delta R.T. 0.006 min

Lab File: VT019243.D

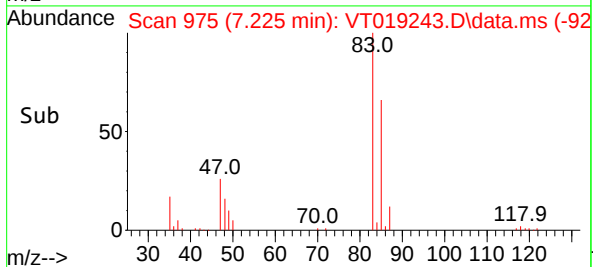
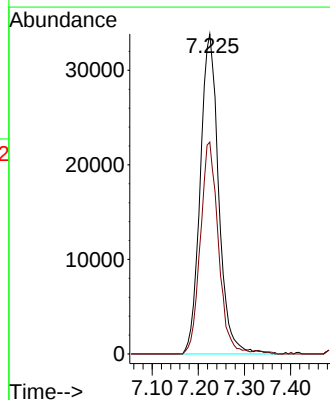
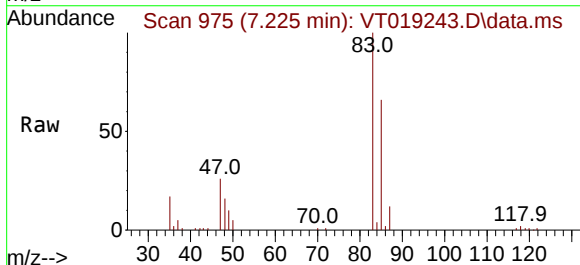
Acq: 8 Dec 2025 11:04

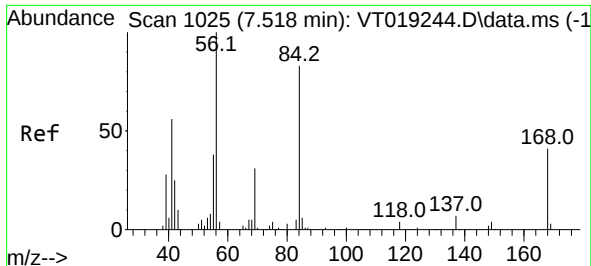
Tgt Ion: 83 Resp: 94264

Ion Ratio Lower Upper

83 100

85 66.2 51.2 76.8

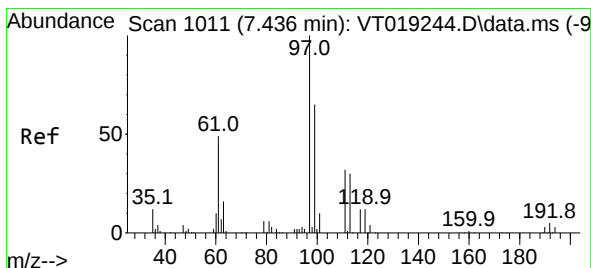
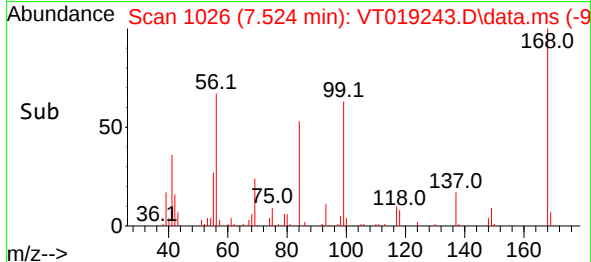
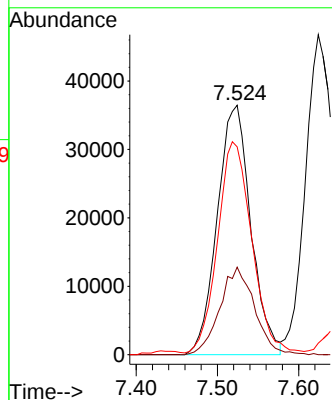
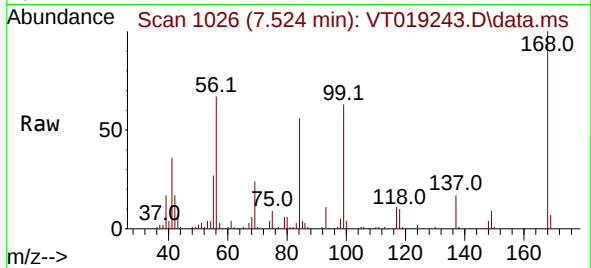




#31
Cyclohexane
Concen: 18.622 ug/l
RT: 7.524 min Scan# 1026
Delta R.T. 0.006 min
Lab File: VT019243.D
Acq: 8 Dec 2025 11:04

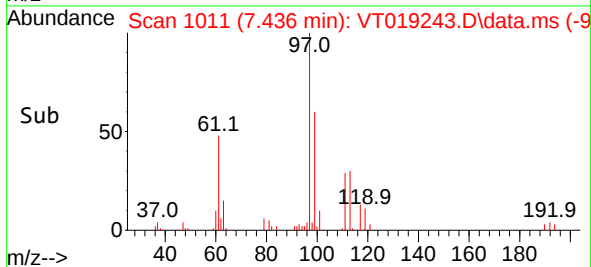
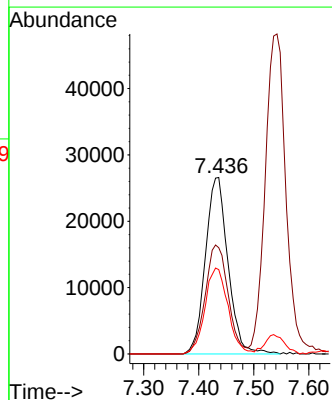
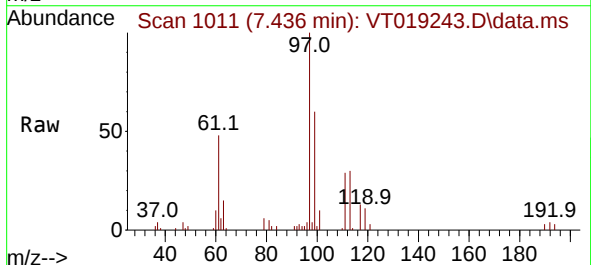
Instrument :
MSVOA_T
ClientSampleId :
VSTDIC020

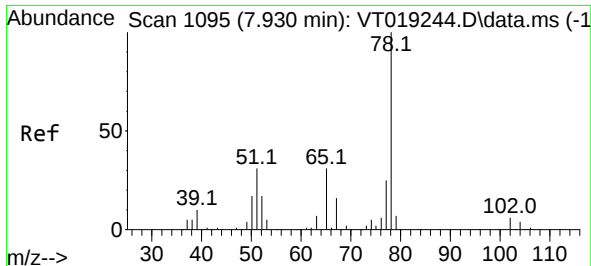
Tgt Ion: 56 Resp: 104778
Ion Ratio Lower Upper
56 100
69 35.1 25.1 37.7
84 82.4 66.3 99.5



#32
1,1,1-Trichloroethane
Concen: 18.957 ug/l
RT: 7.436 min Scan# 1011
Delta R.T. 0.000 min
Lab File: VT019243.D
Acq: 8 Dec 2025 11:04

Tgt Ion: 97 Resp: 75916
Ion Ratio Lower Upper
97 100
99 62.6 50.8 76.2
61 49.7 38.4 57.6

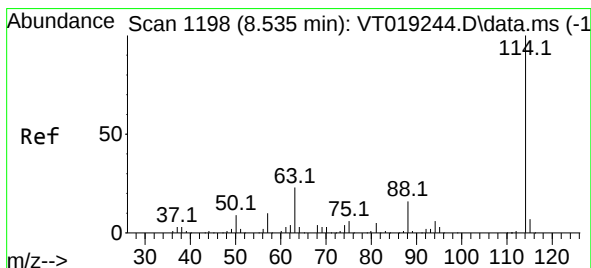
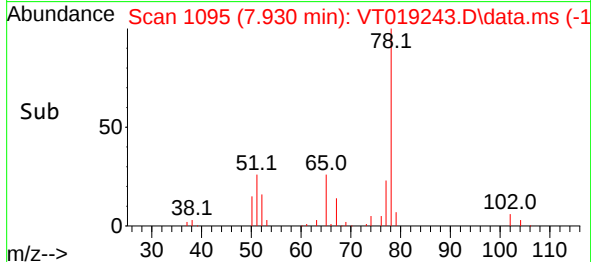
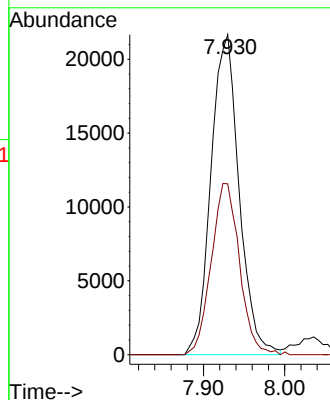
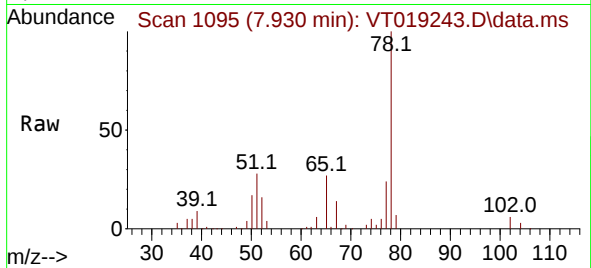




#33
1,2-Dichloroethane-d4
Concen: 18.581 ug/l
RT: 7.930 min Scan# 1095
Delta R.T. 0.000 min
Lab File: VT019243.D
Acq: 8 Dec 2025 11:04

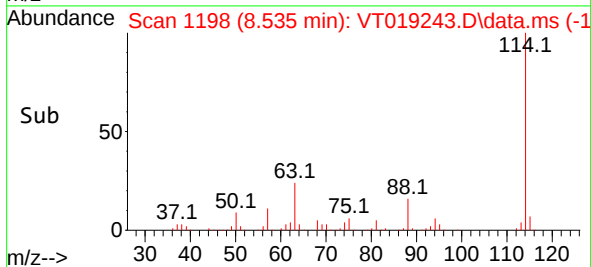
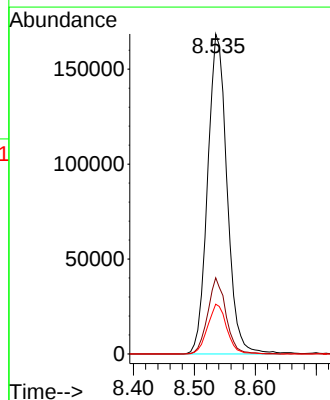
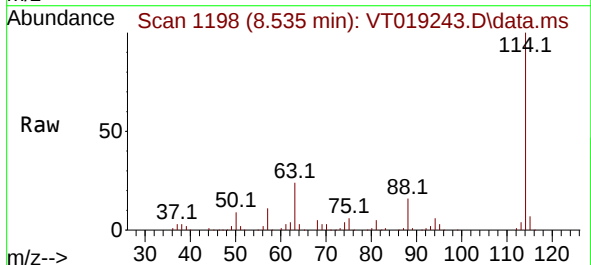
Instrument :
MSVOA_T
ClientSampleId :
VSTDIC020

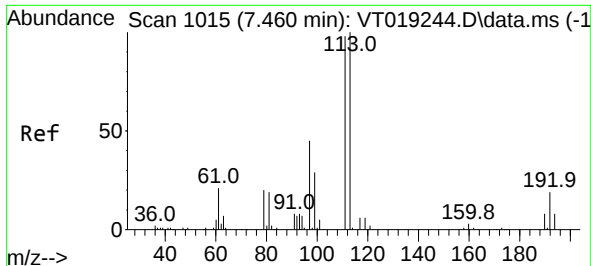
Tgt Ion: 65 Resp: 52156
Ion Ratio Lower Upper
65 100
67 53.6 0.0 106.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.535 min Scan# 1198
Delta R.T. 0.000 min
Lab File: VT019243.D
Acq: 8 Dec 2025 11:04

Tgt Ion: 114 Resp: 372436
Ion Ratio Lower Upper
114 100
63 23.8 0.0 45.2
88 15.6 0.0 31.4

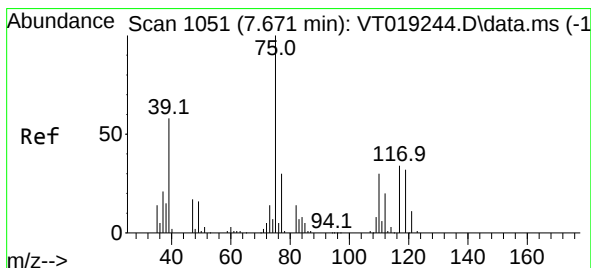
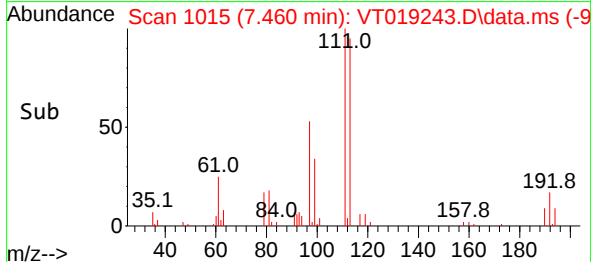
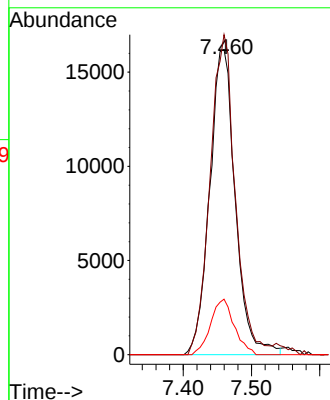
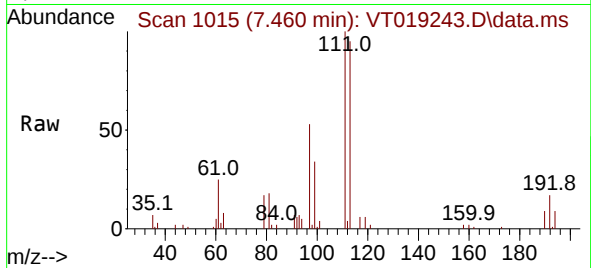




#35
Dibromofluoromethane
Concen: 19.361 ug/l
RT: 7.460 min Scan# 1015
Delta R.T. 0.000 min
Lab File: VT019243.D
Acq: 8 Dec 2025 11:04

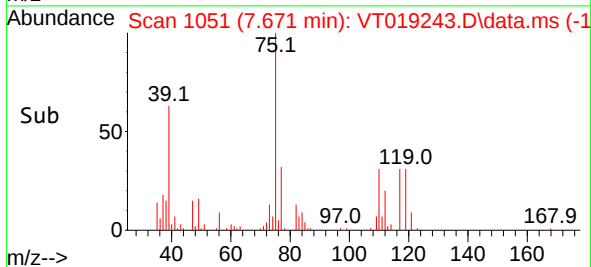
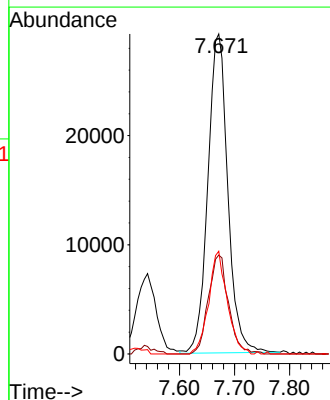
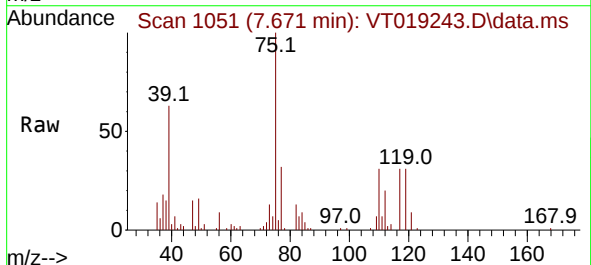
Instrument :
MSVOA_T
ClientSampleId :
VSTDIC020

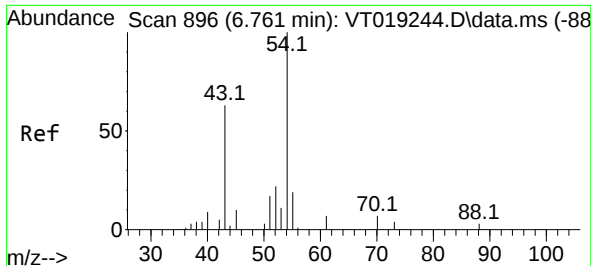
Tgt Ion:113 Resp: 42461
Ion Ratio Lower Upper
113 100
111 102.8 82.7 124.1
192 16.8 14.2 21.4



#36
1,1-Dichloropropene
Concen: 19.057 ug/l
RT: 7.671 min Scan# 1051
Delta R.T. 0.000 min
Lab File: VT019243.D
Acq: 8 Dec 2025 11:04

Tgt Ion: 75 Resp: 73484
Ion Ratio Lower Upper
75 100
110 31.3 16.1 48.3
77 30.1 24.4 36.6

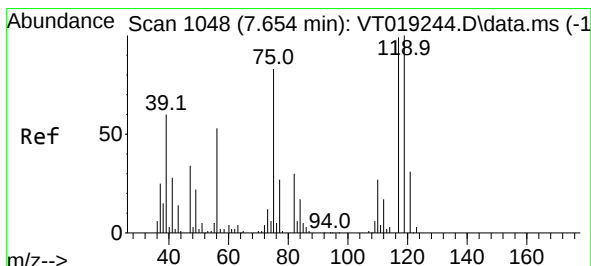
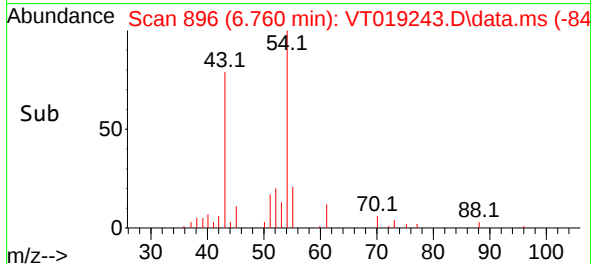
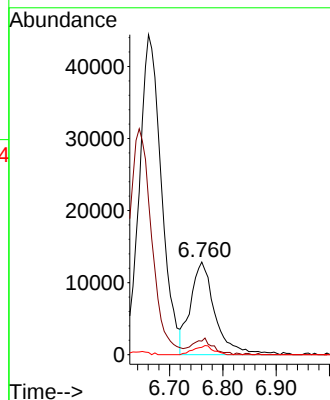
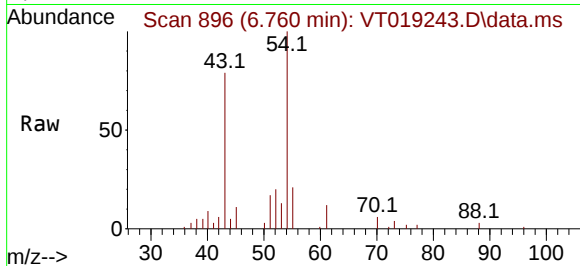




#37
Ethyl Acetate
Concen: 20.812 ug/l
RT: 6.760 min Scan# 896
Delta R.T. -0.000 min
Lab File: VT019243.D
Acq: 8 Dec 2025 11:04

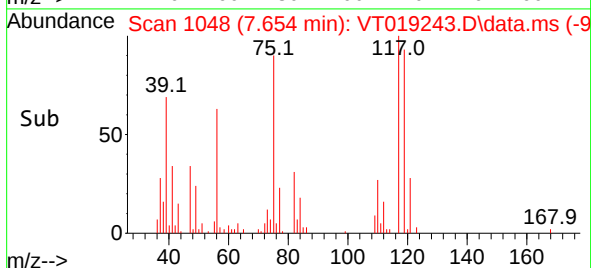
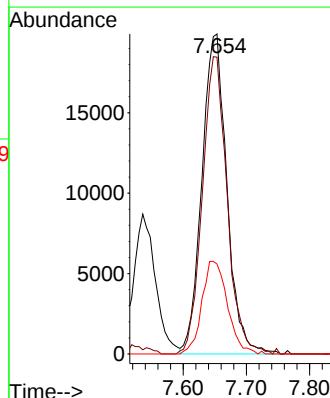
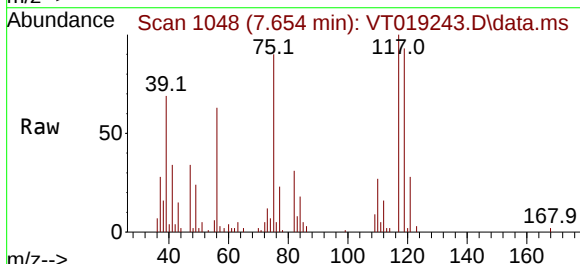
Instrument :
MSVOA_T
ClientSampleId :
VSTDICC020

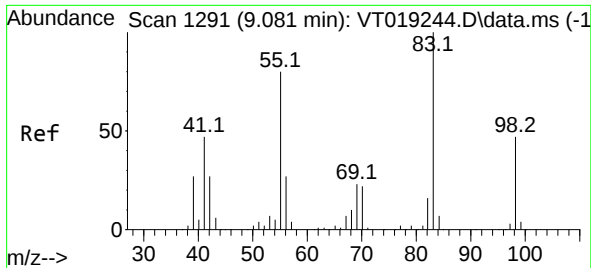
Tgt Ion: 43 Resp: 41110
Ion Ratio Lower Upper
43 100
61 14.6 11.7 17.5
70 7.7 7.1 10.7



#38
Carbon Tetrachloride
Concen: 19.424 ug/l
RT: 7.654 min Scan# 1048
Delta R.T. 0.000 min
Lab File: VT019243.D
Acq: 8 Dec 2025 11:04

Tgt Ion: 117 Resp: 54650
Ion Ratio Lower Upper
117 100
119 92.8 80.1 120.1
121 28.1 25.1 37.7

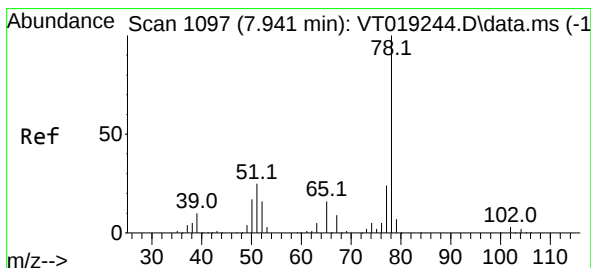
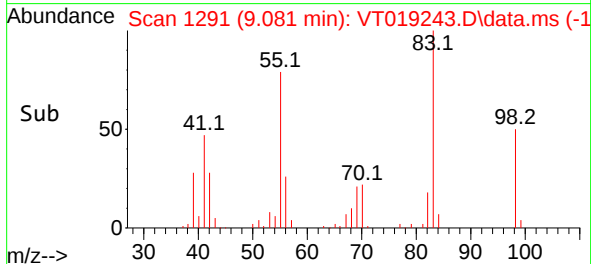
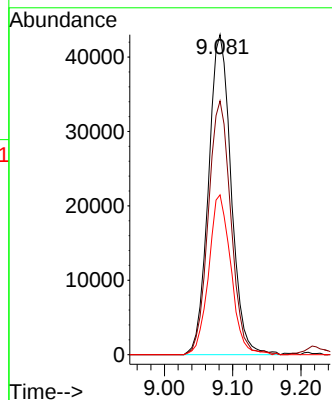
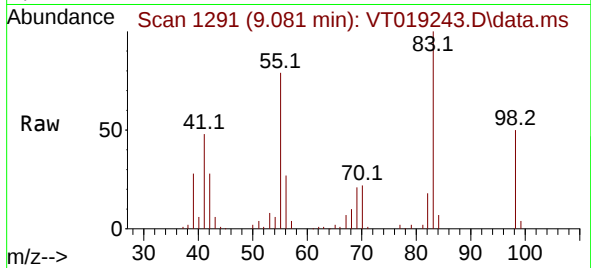




#39
Methylcyclohexane
Concen: 19.266 ug/l
RT: 9.081 min Scan# 11
Delta R.T. 0.000 min
Lab File: VT019243.D
Acq: 8 Dec 2025 11:04

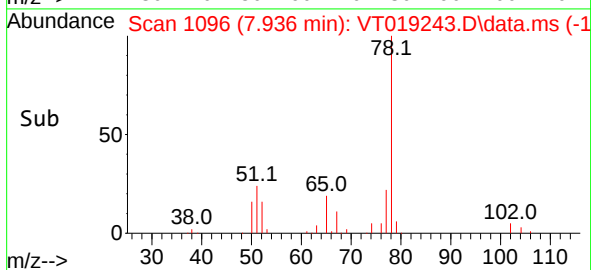
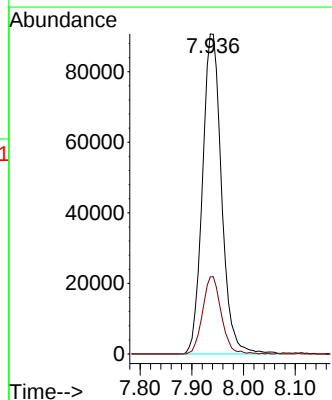
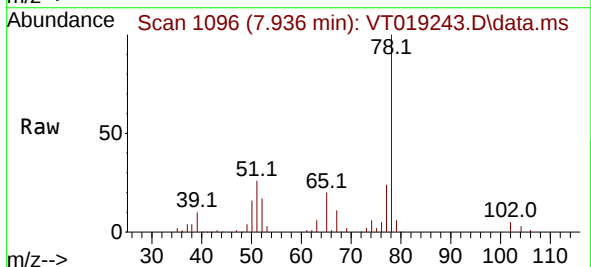
Instrument :
MSVOA_T
ClientSampleId :
VSTDICC020

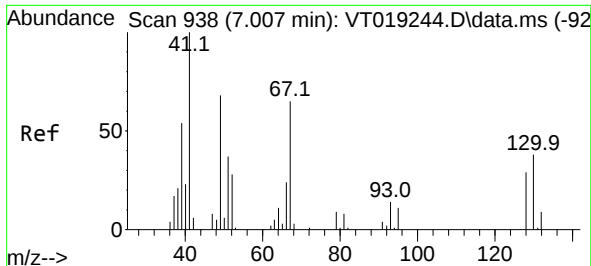
Tgt Ion: 83 Resp: 99343
Ion Ratio Lower Upper
83 100
55 79.3 64.2 96.4
98 50.0 37.2 55.8



#40
Benzene
Concen: 19.249 ug/l
RT: 7.936 min Scan# 1096
Delta R.T. -0.006 min
Lab File: VT019243.D
Acq: 8 Dec 2025 11:04

Tgt Ion: 78 Resp: 232067
Ion Ratio Lower Upper
78 100
77 24.1 19.4 29.2



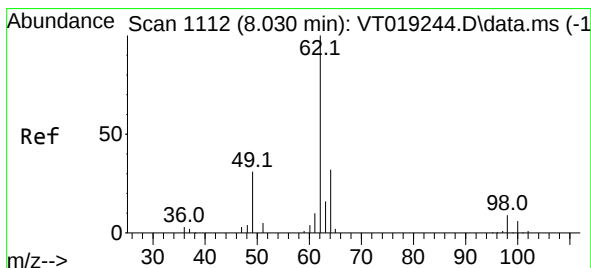
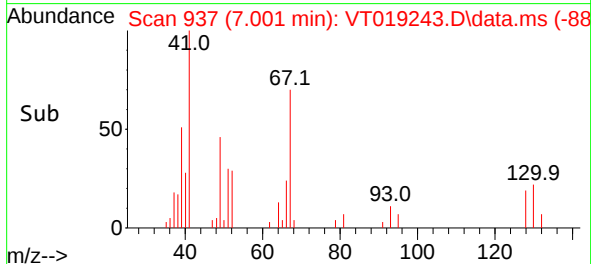
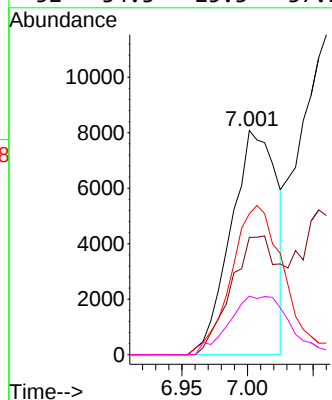
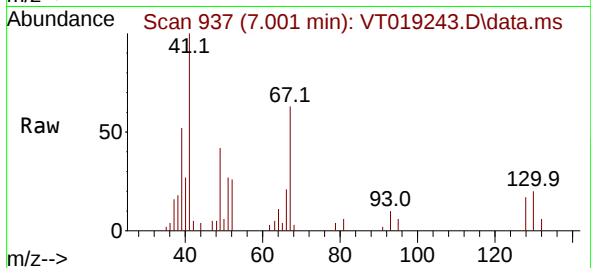


#41
Methacrylonitrile
Concen: 18.101 ug/l
RT: 7.001 min Scan# 91
Delta R.T. -0.006 min
Lab File: VT019243.D
Acq: 8 Dec 2025 11:04

Instrument :
MSVOA_T
ClientSampleId :
VSTDICC020

Tgt Ion: 41 Resp: 19613

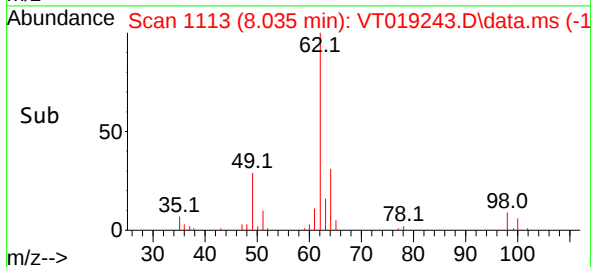
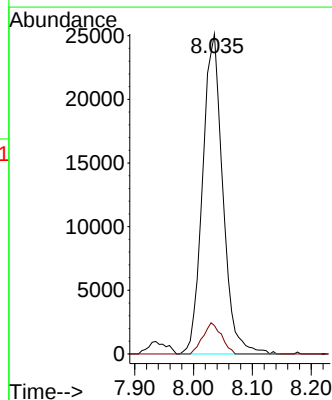
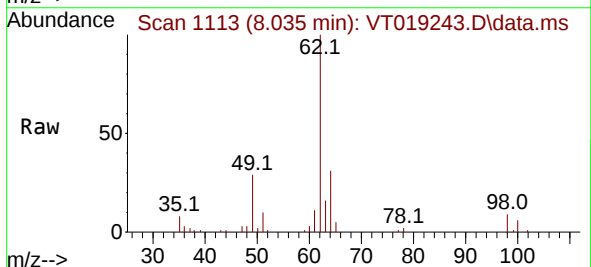
Ion	Ratio	Lower	Upper
41	100		
39	58.6	47.5	71.3
67	78.7	61.2	91.8
52	34.3	25.3	37.9

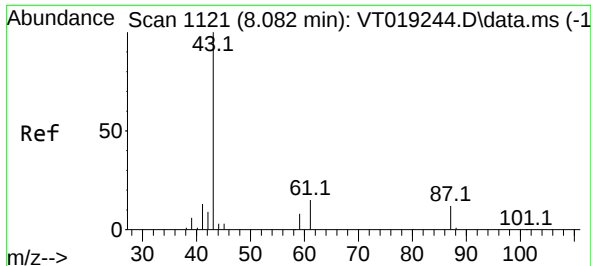


#42
1,2-Dichloroethane
Concen: 19.450 ug/l
RT: 8.035 min Scan# 1113
Delta R.T. 0.006 min
Lab File: VT019243.D
Acq: 8 Dec 2025 11:04

Tgt Ion: 62 Resp: 60084

Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	18.0

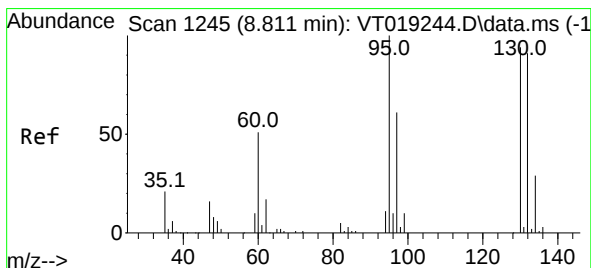
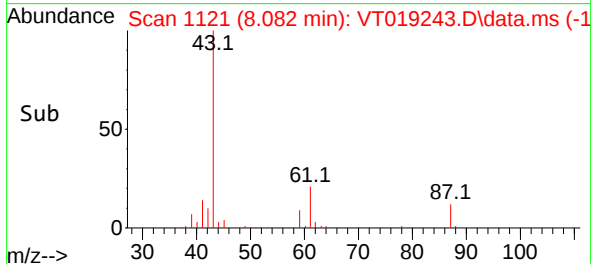
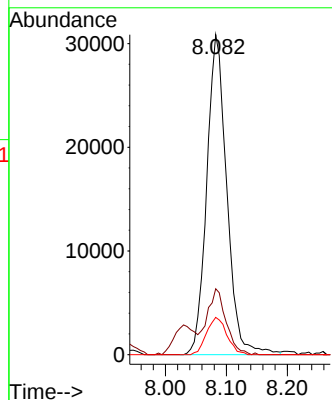
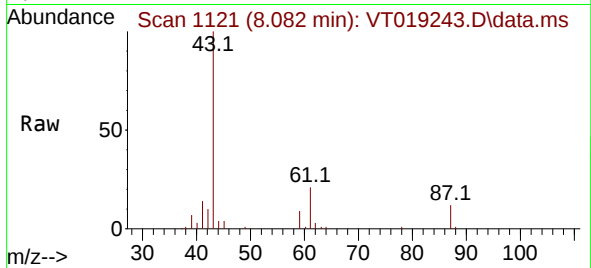




#43
Isopropyl Acetate
Concen: 19.082 ug/l
RT: 8.082 min Scan# 1121
Delta R.T. 0.000 min
Lab File: VT019243.D
Acq: 8 Dec 2025 11:04

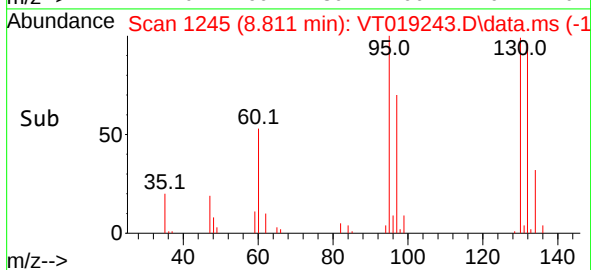
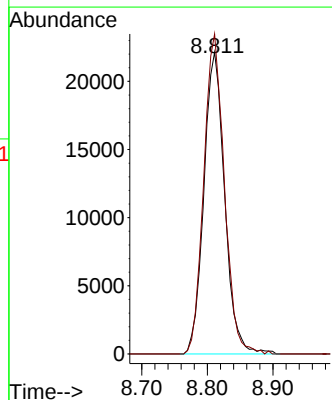
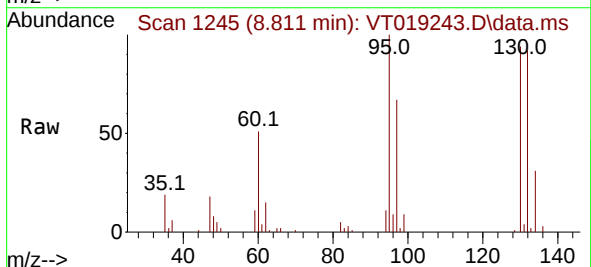
Instrument :
MSVOA_T
ClientSampleId :
VSTDICC020

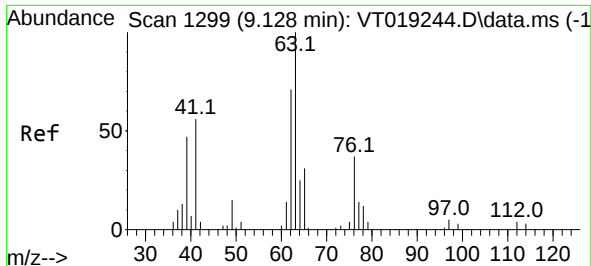
Tgt Ion: 43 Resp: 70503
Ion Ratio Lower Upper
43 100
61 19.7 15.9 23.9
87 11.8 9.8 14.6



#44
Trichloroethene
Concen: 19.262 ug/l
RT: 8.811 min Scan# 1245
Delta R.T. 0.000 min
Lab File: VT019243.D
Acq: 8 Dec 2025 11:04

Tgt Ion:130 Resp: 48831
Ion Ratio Lower Upper
130 100
95 106.0 0.0 212.2





#45

1,2-Dichloropropane

Concen: 19.304 ug/l

RT: 9.122 min Scan# 1

Delta R.T. -0.006 min

Lab File: VT019243.D

Acq: 8 Dec 2025 11:04

Instrument :

MSVOA_T

ClientSampleId :

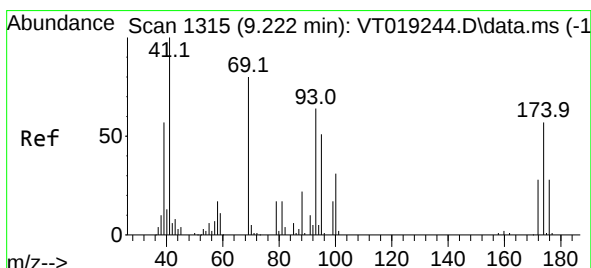
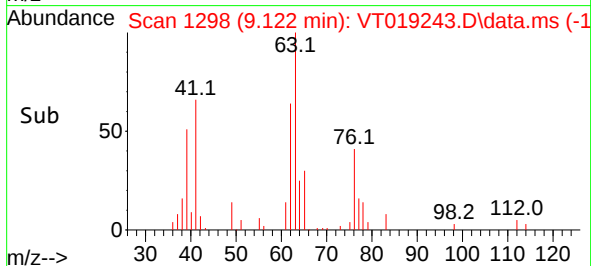
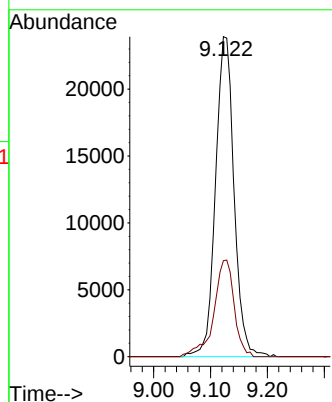
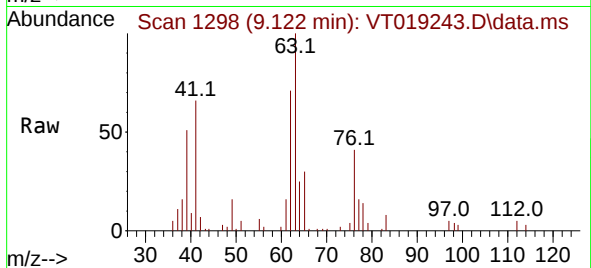
VSTDIC020

Tgt Ion: 63 Resp: 54168

Ion Ratio Lower Upper

63 100

65 30.0 24.6 37.0



#46

Dibromomethane

Concen: 20.217 ug/l

RT: 9.228 min Scan# 1316

Delta R.T. 0.006 min

Lab File: VT019243.D

Acq: 8 Dec 2025 11:04

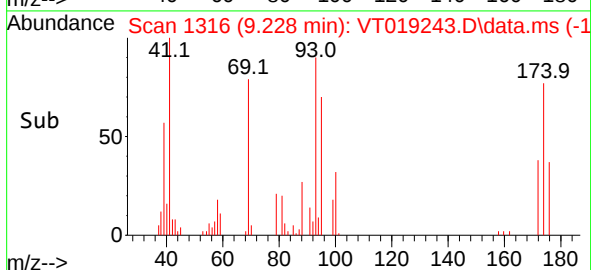
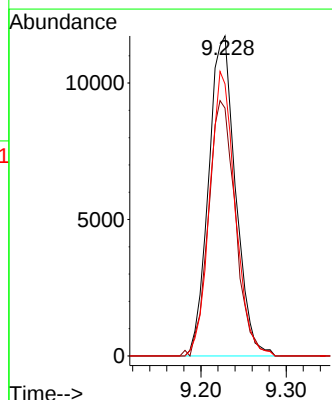
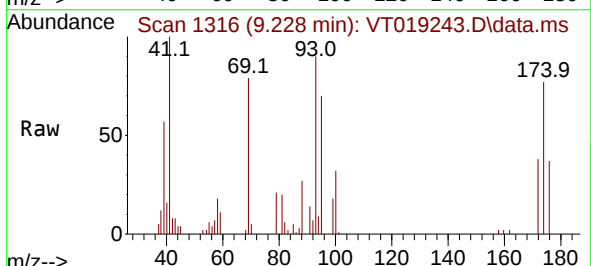
Tgt Ion: 93 Resp: 25811

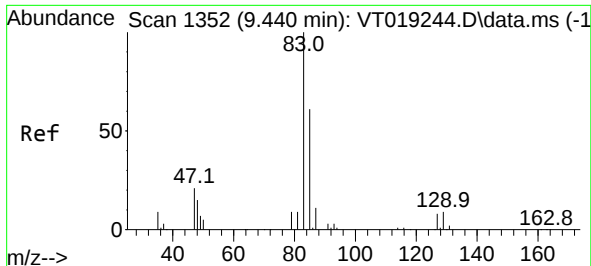
Ion Ratio Lower Upper

93 100

95 79.8 66.6 99.8

174 84.0 70.6 105.8

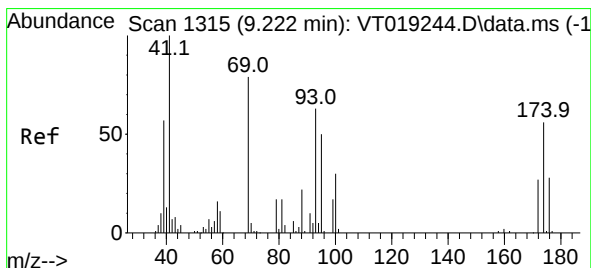
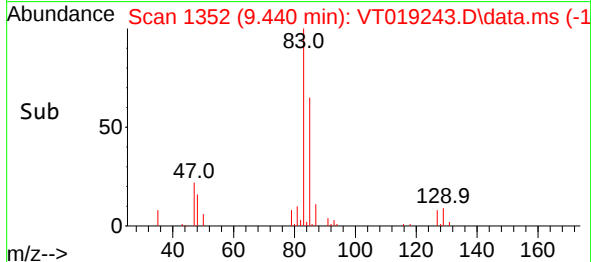
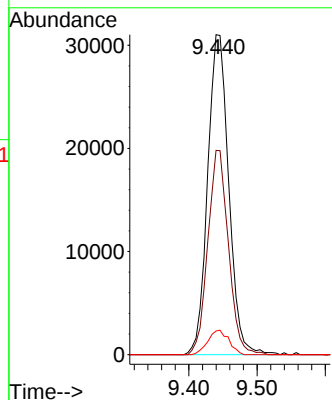
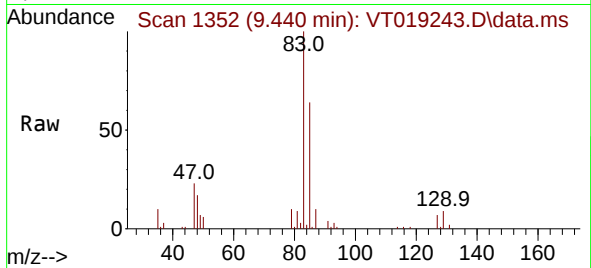




#47
Bromodichloromethane
Concen: 19.407 ug/l
RT: 9.440 min Scan# 1352
Delta R.T. 0.000 min
Lab File: VT019243.D
Acq: 8 Dec 2025 11:04

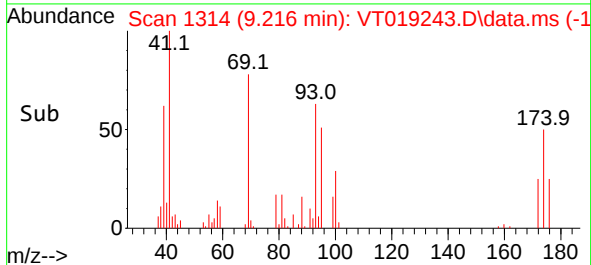
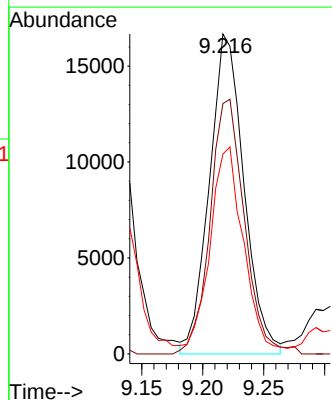
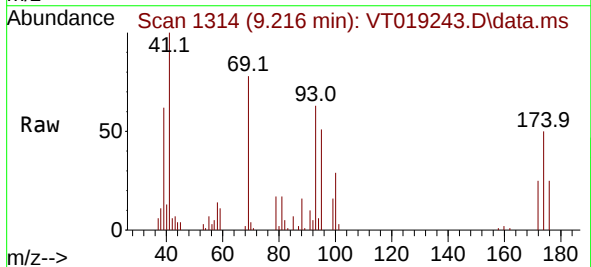
Instrument :
MSVOA_T
ClientSampleId :
VSTDICC020

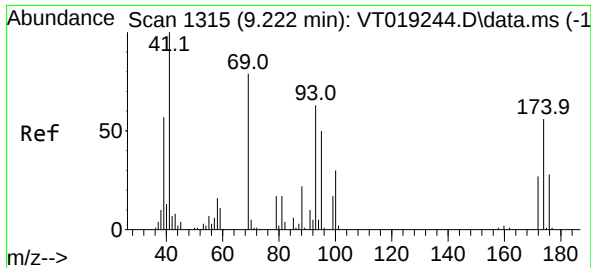
Tgt Ion: 83 Resp: 66772
Ion Ratio Lower Upper
83 100
85 63.8 48.6 73.0
127 7.4 6.3 9.5



#48
Methyl methacrylate
Concen: 18.668 ug/l
RT: 9.216 min Scan# 1314
Delta R.T. -0.006 min
Lab File: VT019243.D
Acq: 8 Dec 2025 11:04

Tgt Ion: 41 Resp: 32909
Ion Ratio Lower Upper
41 100
69 79.2 63.2 94.8
39 63.7 47.9 71.9

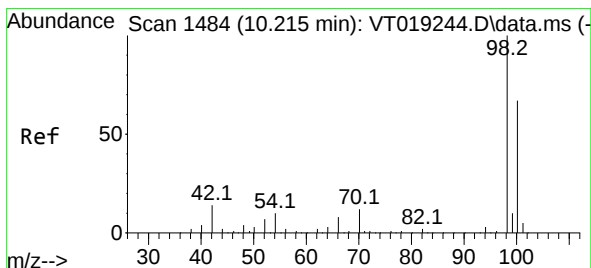
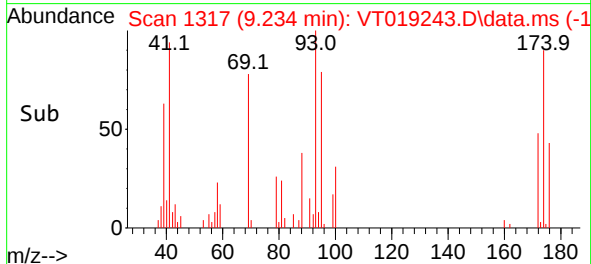
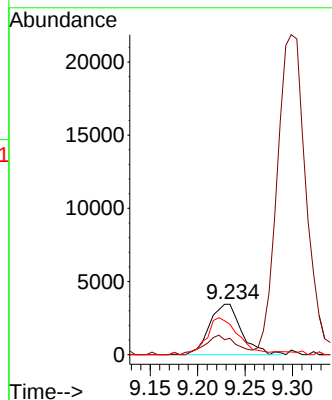
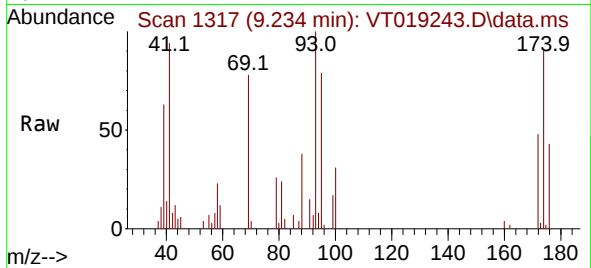




#49
1,4-Dioxane
Concen: 351.778 ug/l
RT: 9.234 min Scan# 1317
Delta R.T. 0.012 min
Lab File: VT019243.D
Acq: 8 Dec 2025 11:04

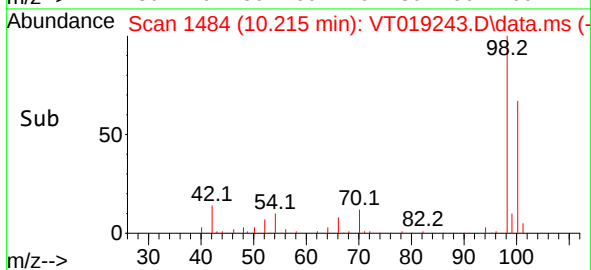
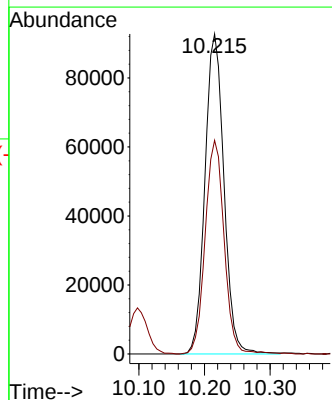
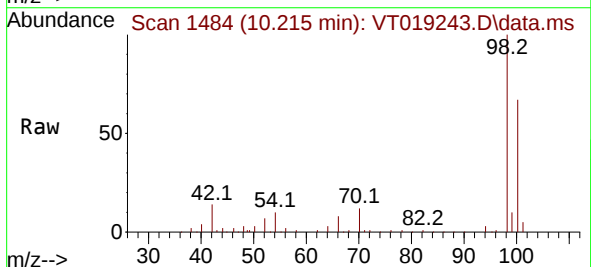
Instrument :
MSVOA_T
ClientSampleId :
VSTDIC020

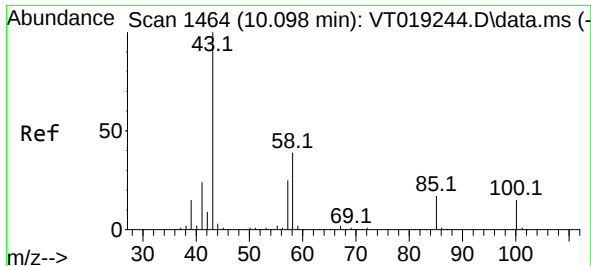
Tgt Ion: 88 Resp: 8029
Ion Ratio Lower Upper
88 100
43 38.8 31.4 47.0
58 72.1 58.6 87.8



#50
Toluene-d8
Concen: 19.339 ug/l
RT: 10.215 min Scan# 1484
Delta R.T. 0.000 min
Lab File: VT019243.D
Acq: 8 Dec 2025 11:04

Tgt Ion: 98 Resp: 186312
Ion Ratio Lower Upper
98 100
100 66.8 52.8 79.2

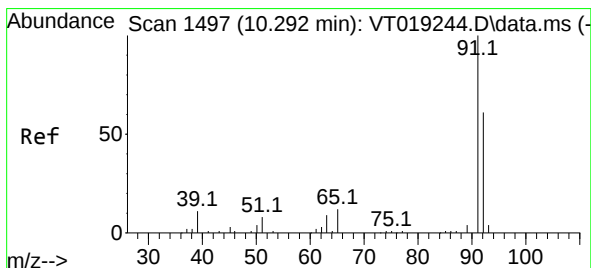
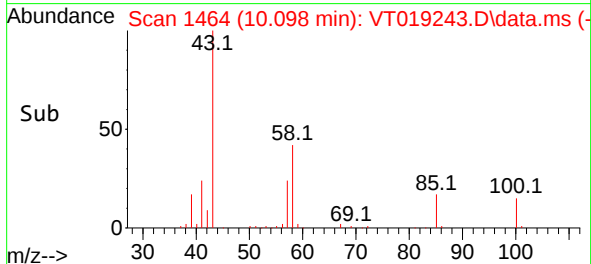
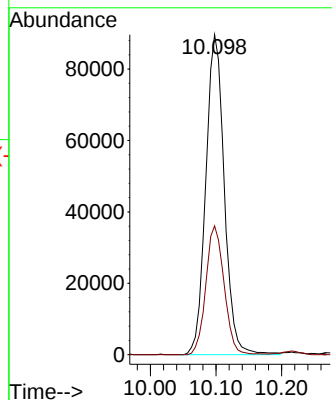
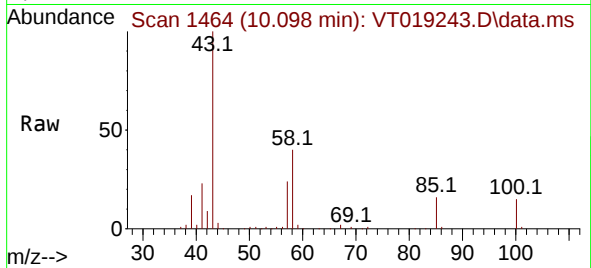




#51
4-Methyl-2-Pentanone
Concen: 96.518 ug/l
RT: 10.098 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VT019243.D
Acq: 8 Dec 2025 11:04

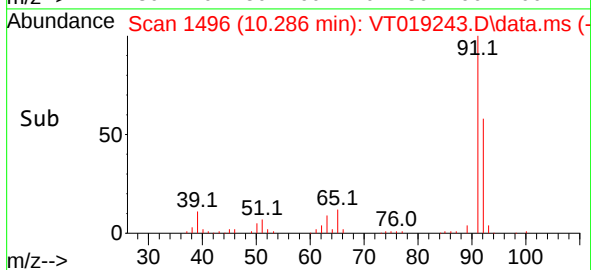
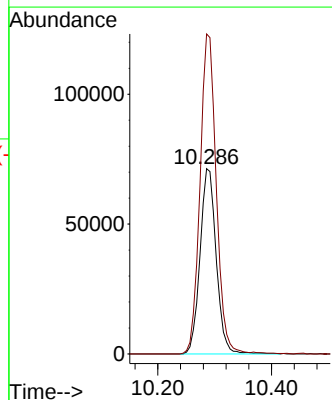
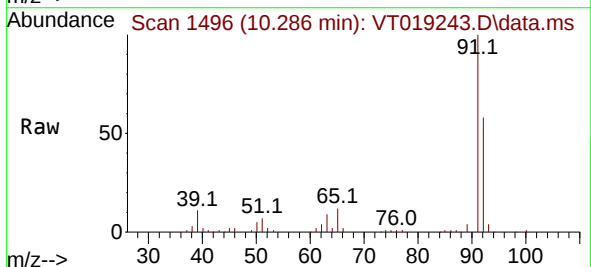
Instrument :
MSVOA_T
ClientSampleId :
VSTDICC020

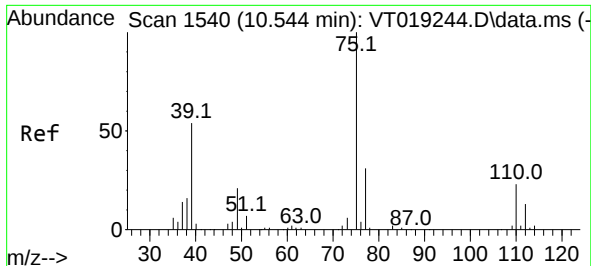
Tgt Ion: 43 Resp: 175813
Ion Ratio Lower Upper
43 100
58 39.8 31.5 47.3



#52
Toluene
Concen: 19.480 ug/l
RT: 10.286 min Scan# 1496
Delta R.T. -0.006 min
Lab File: VT019243.D
Acq: 8 Dec 2025 11:04

Tgt Ion: 92 Resp: 141033
Ion Ratio Lower Upper
92 100
91 172.8 135.7 203.5

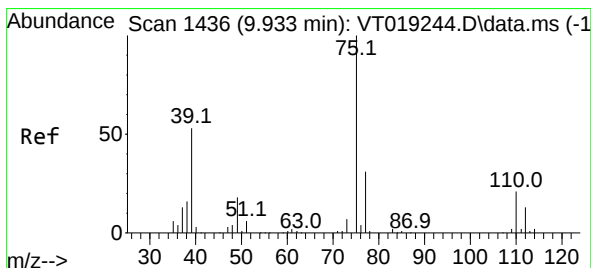
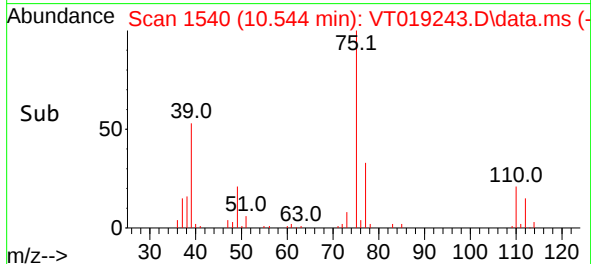
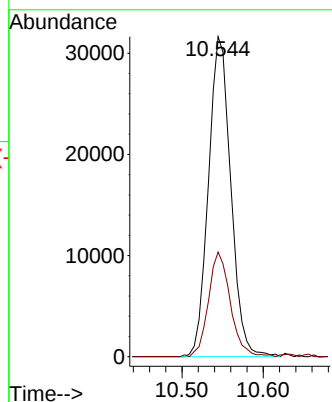
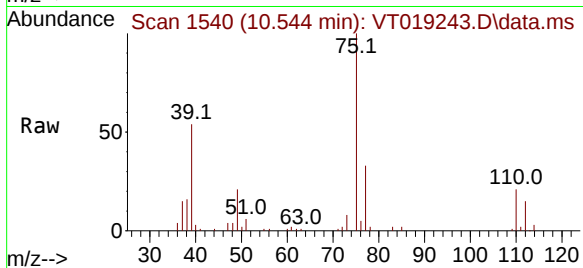




#53
t-1,3-Dichloropropene
Concen: 19.366 ug/l
RT: 10.544 min Scan# 111
Delta R.T. 0.000 min
Lab File: VT019243.D
Acq: 8 Dec 2025 11:04

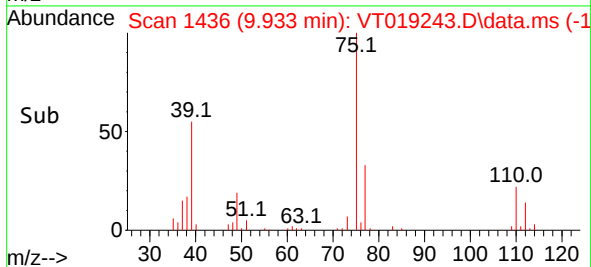
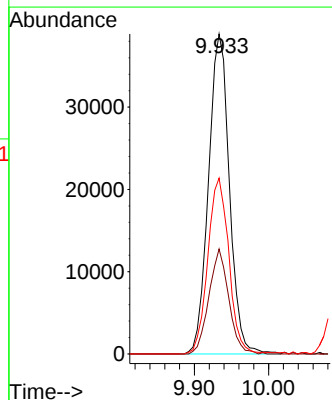
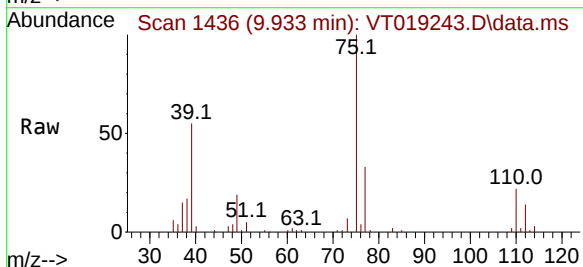
Instrument :
MSVOA_T
ClientSampleId :
VSTDIC020

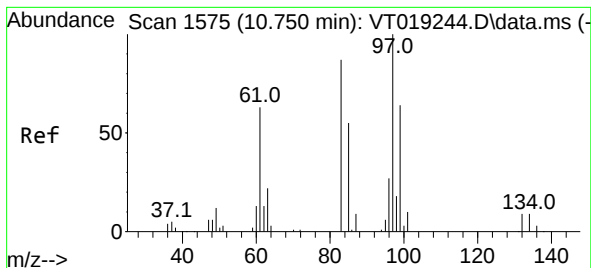
Tgt Ion: 75 Resp: 60413
Ion Ratio Lower Upper
75 100
77 32.7 25.0 37.4



#54
cis-1,3-Dichloropropene
Concen: 19.267 ug/l
RT: 9.933 min Scan# 1436
Delta R.T. 0.000 min
Lab File: VT019243.D
Acq: 8 Dec 2025 11:04

Tgt Ion: 75 Resp: 76040
Ion Ratio Lower Upper
75 100
77 32.8 24.5 36.7
39 55.0 42.1 63.1

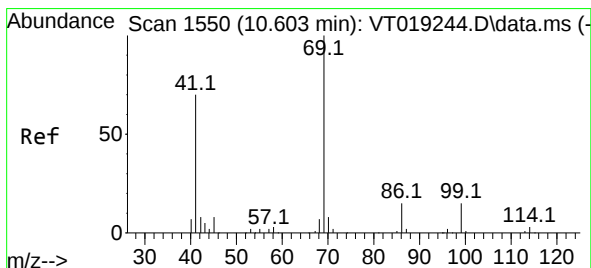
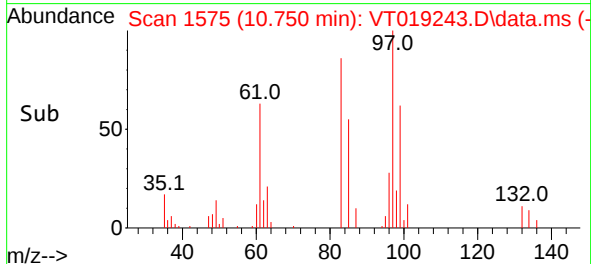
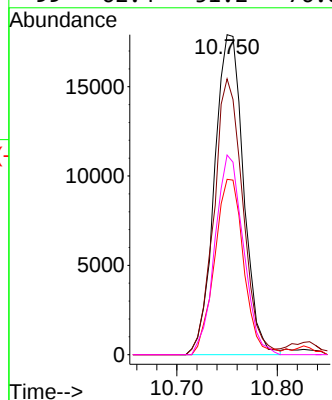
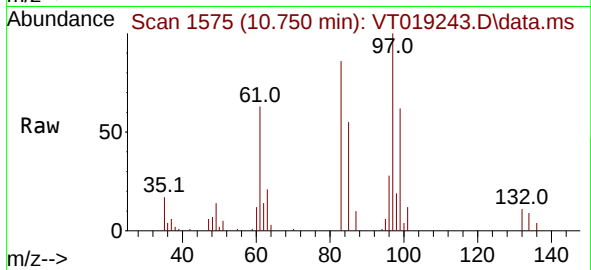




#55
1,1,2-Trichloroethane
Concen: 19.713 ug/l
RT: 10.750 min Scan# 1575
Delta R.T. -0.000 min
Lab File: VT019243.D
Acq: 8 Dec 2025 11:04

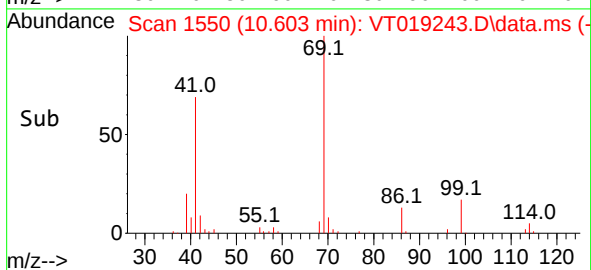
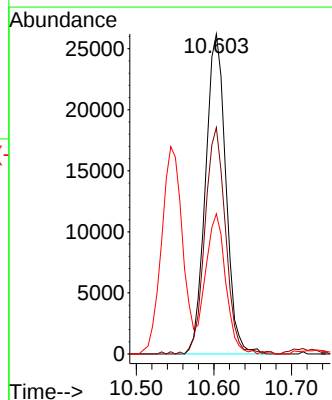
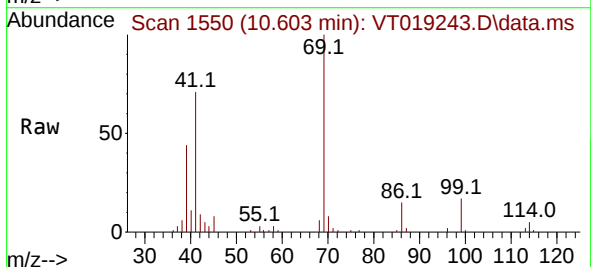
Instrument :
MSVOA_T
ClientSampleId :
VSTDIC020

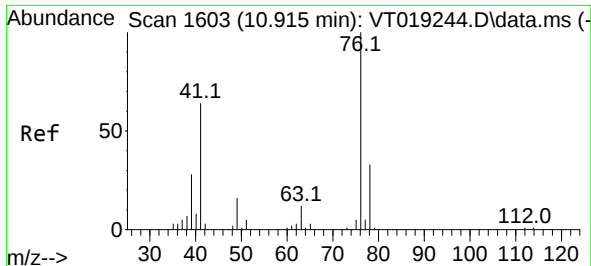
Tgt Ion:	97	Resp:	36020
Ion	Ratio	Lower	Upper
97	100		
83	86.2	69.5	104.3
85	54.8	44.2	66.2
99	62.4	51.2	76.8



#56
Ethyl methacrylate
Concen: 19.389 ug/l
RT: 10.603 min Scan# 1550
Delta R.T. 0.000 min
Lab File: VT019243.D
Acq: 8 Dec 2025 11:04

Tgt Ion:	69	Resp:	47751
Ion	Ratio	Lower	Upper
69	100		
41	71.4	56.5	84.7
39	43.6	34.4	51.6

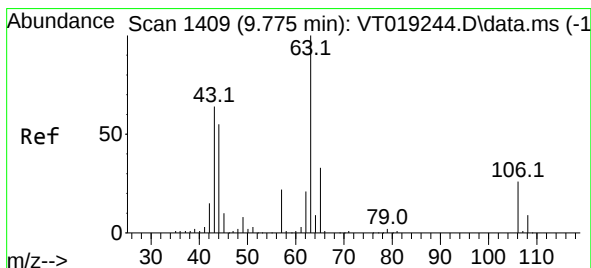
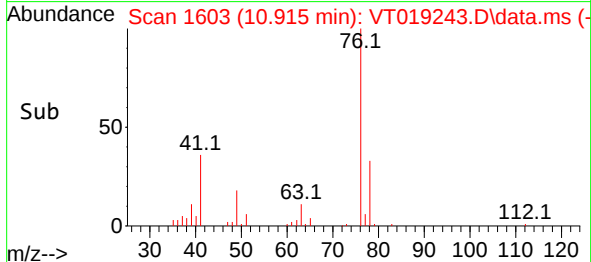
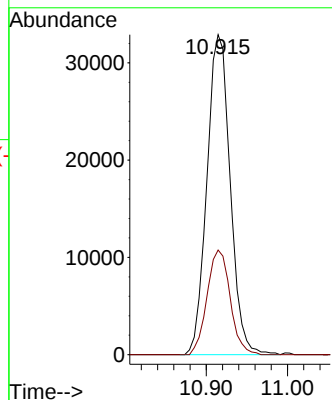
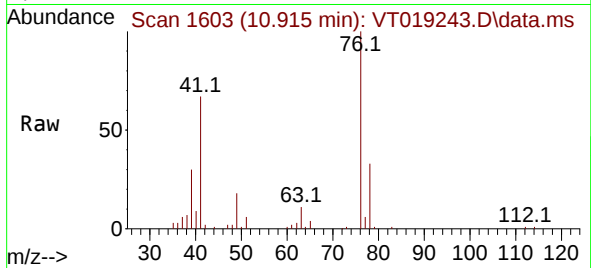




#57
1,3-Dichloropropane
Concen: 19.361 ug/l
RT: 10.915 min Scan# 1603
Delta R.T. -0.000 min
Lab File: VT019243.D
Acq: 8 Dec 2025 11:04

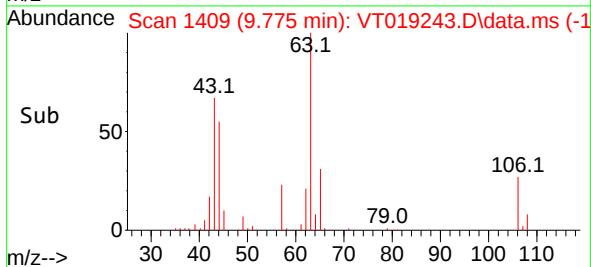
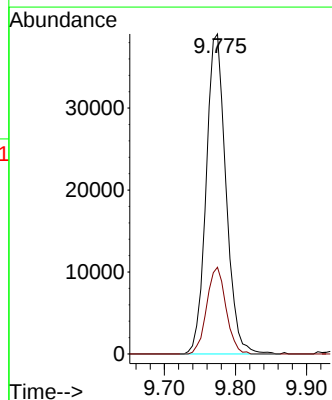
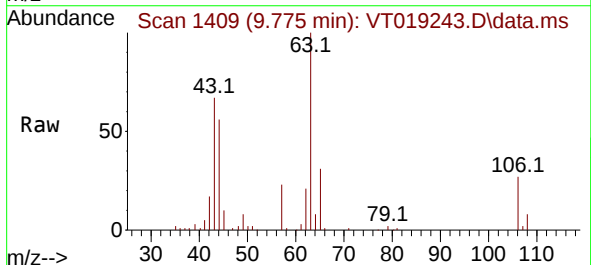
Instrument :
MSVOA_T
ClientSampleId :
VSTDIC020

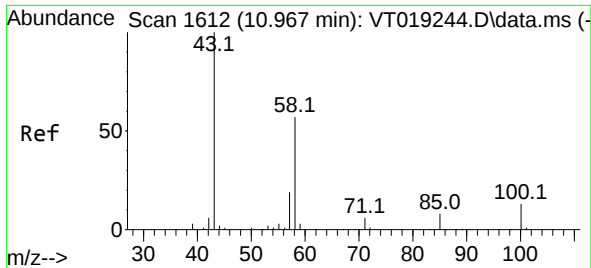
Tgt Ion: 76 Resp: 65421
Ion Ratio Lower Upper
76 100
78 32.5 25.9 38.9



#58
2-Chloroethyl Vinyl ether
Concen: 18.903 ug/l
RT: 9.775 min Scan# 1409
Delta R.T. 0.000 min
Lab File: VT019243.D
Acq: 8 Dec 2025 11:04

Tgt Ion: 63 Resp: 75469
Ion Ratio Lower Upper
63 100
106 26.4 21.2 31.8

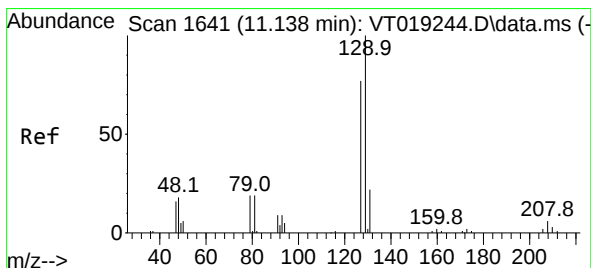
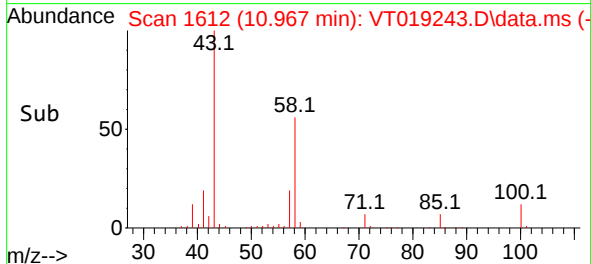
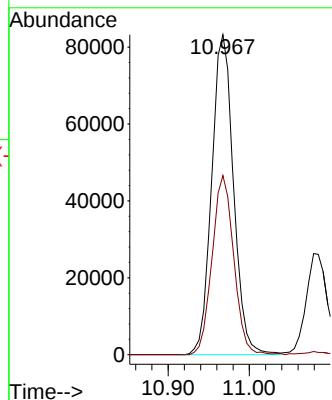
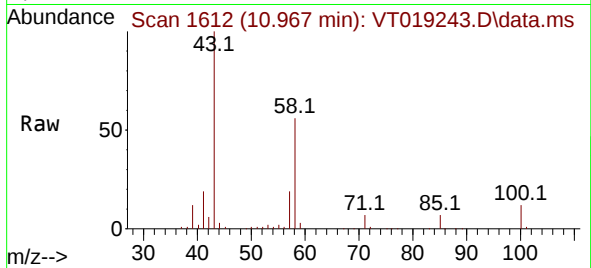




#59
2-Hexanone
Concen: 105.967 ug/l
RT: 10.967 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VT019243.D
Acq: 8 Dec 2025 11:04

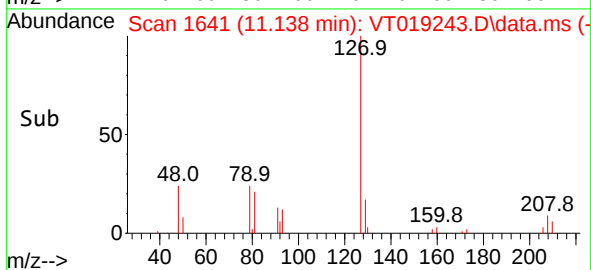
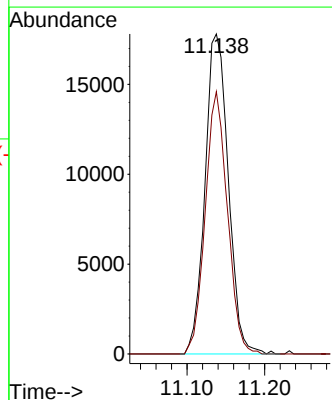
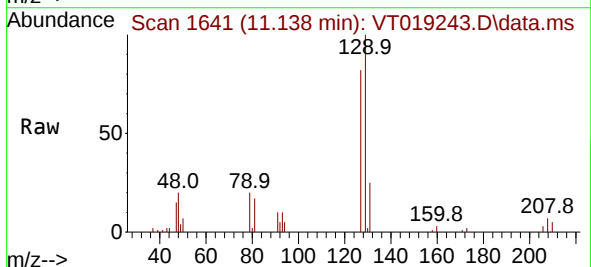
Instrument :
MSVOA_T
ClientSampleId :
VSTDIC020

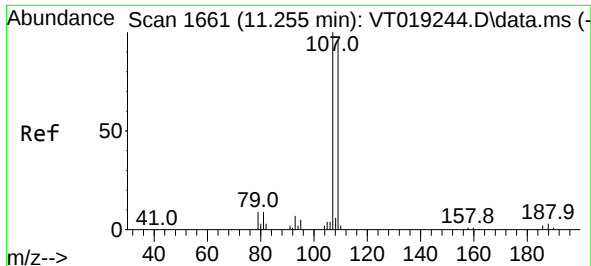
Tgt Ion: 43 Resp: 155125
Ion Ratio Lower Upper
43 100
58 55.6 27.4 82.0



#60
Dibromochloromethane
Concen: 19.355 ug/l
RT: 11.138 min Scan# 1641
Delta R.T. 0.000 min
Lab File: VT019243.D
Acq: 8 Dec 2025 11:04

Tgt Ion: 129 Resp: 37167
Ion Ratio Lower Upper
129 100
127 78.0 38.9 116.7

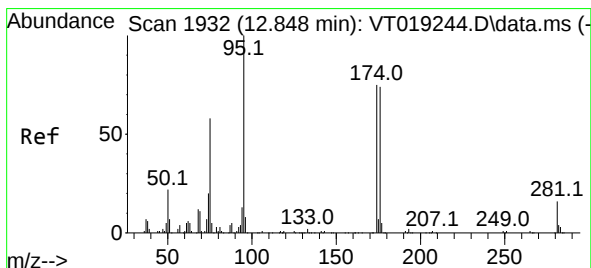
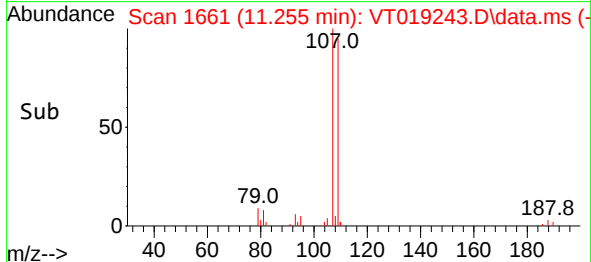
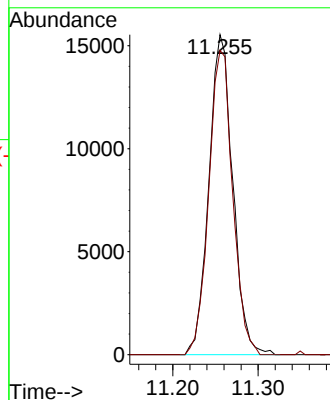
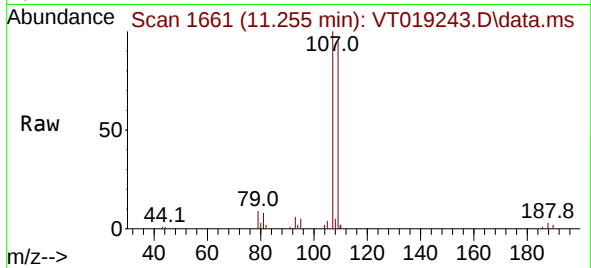




#61
1,2-Dibromoethane
Concen: 19.672 ug/l
RT: 11.255 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VT019243.D
Acq: 8 Dec 2025 11:04

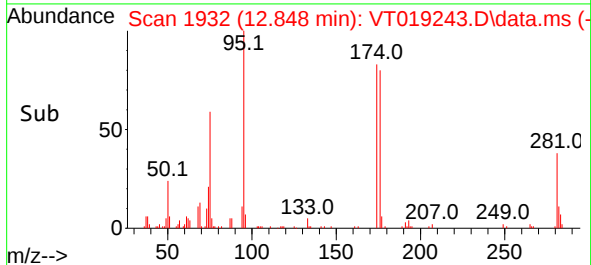
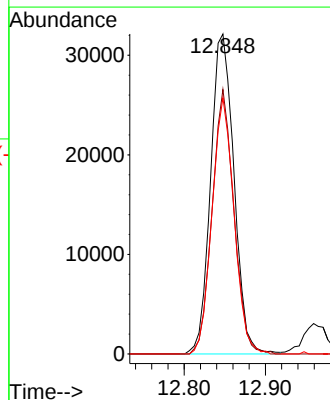
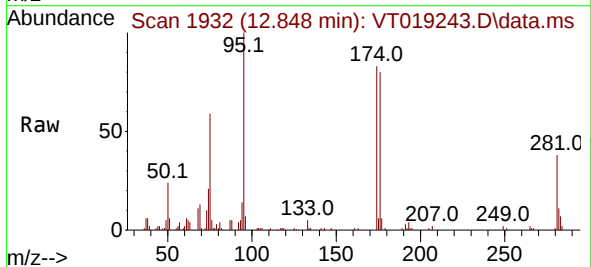
Instrument :
MSVOA_T
ClientSampleId :
VSTDIC020

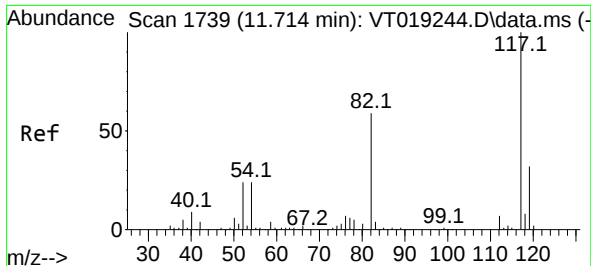
Tgt Ion:107 Resp: 30261
Ion Ratio Lower Upper
107 100
109 95.1 74.2 111.2



#62
4-Bromofluorobenzene
Concen: 19.459 ug/l
RT: 12.848 min Scan# 1932
Delta R.T. -0.000 min
Lab File: VT019243.D
Acq: 8 Dec 2025 11:04

Tgt Ion: 95 Resp: 64218
Ion Ratio Lower Upper
95 100
174 77.0 0.0 154.4
176 75.6 0.0 149.2

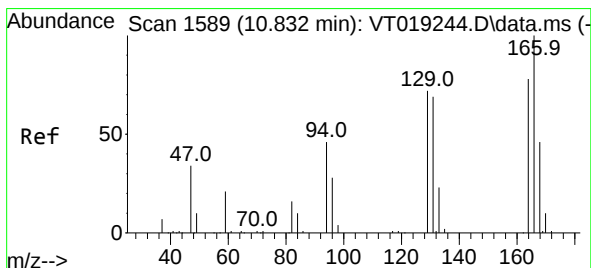
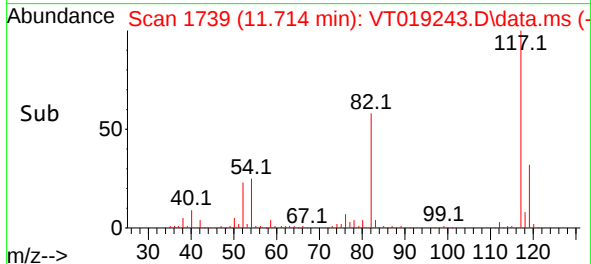
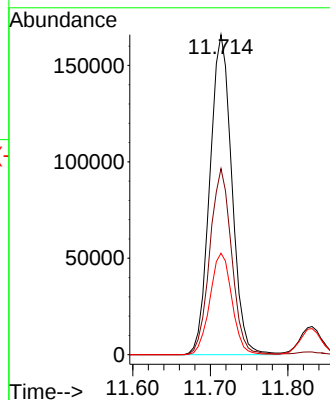
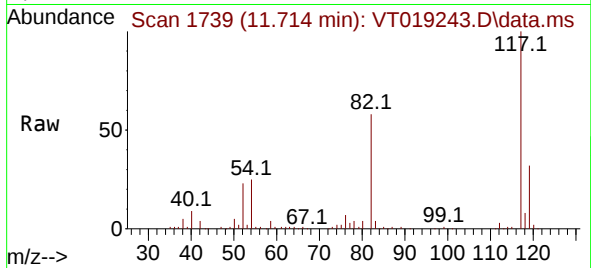




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.714 min Scan# 117
Delta R.T. 0.000 min
Lab File: VT019243.D
Acq: 8 Dec 2025 11:04

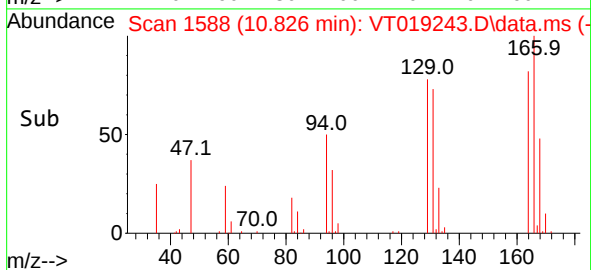
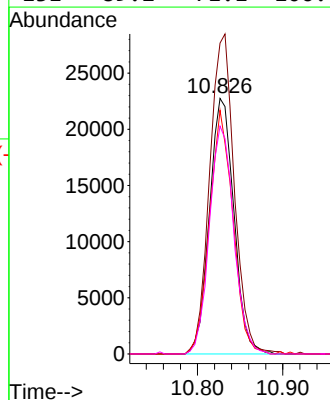
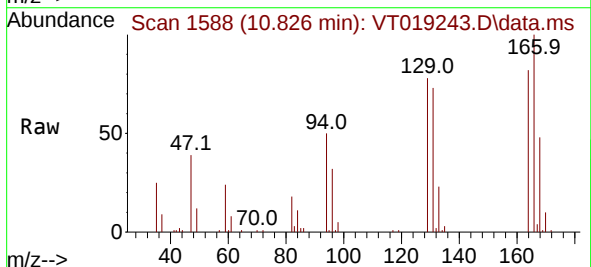
Instrument :
MSVOA_T
ClientSampleId :
VSTDIC020

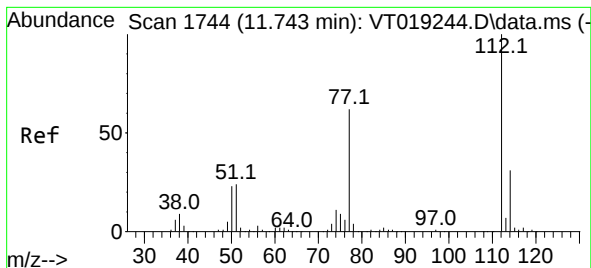
Tgt Ion:117 Resp: 326749
Ion Ratio Lower Upper
117 100
82 58.2 47.1 70.7
119 31.7 25.4 38.2



#64
Tetrachloroethene
Concen: 18.594 ug/l
RT: 10.826 min Scan# 1588
Delta R.T. -0.006 min
Lab File: VT019243.D
Acq: 8 Dec 2025 11:04

Tgt Ion:164 Resp: 45506
Ion Ratio Lower Upper
164 100
166 121.6 102.7 154.1
129 95.3 74.0 111.0
131 89.2 71.1 106.7





#65

Chlorobenzene

Concen: 19.359 ug/l

RT: 11.743 min Scan# 1744

Delta R.T. 0.000 min

Lab File: VT019243.D

Acq: 8 Dec 2025 11:04

Instrument :

MSVOA_T

ClientSampleId :

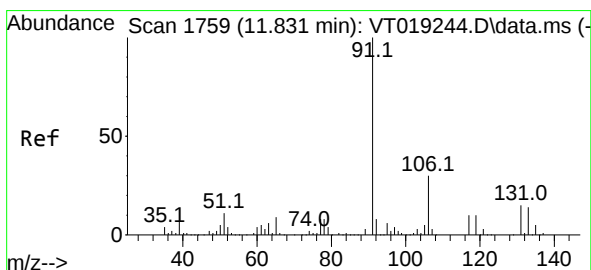
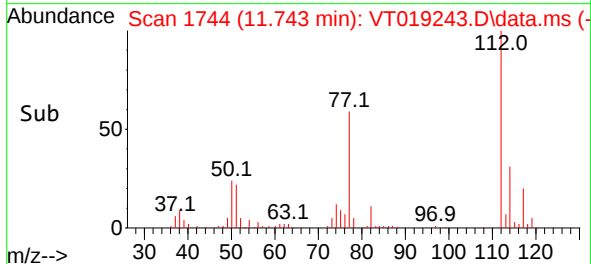
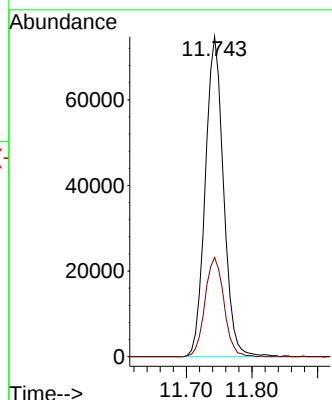
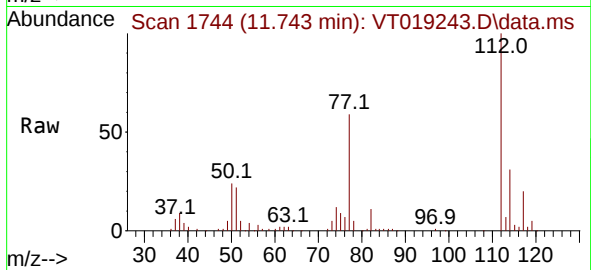
VSTDIC020

Tgt Ion:112 Resp: 144769

Ion Ratio Lower Upper

112 100

114 31.0 24.9 37.3



#66

1,1,1,2-Tetrachloroethane

Concen: 18.568 ug/l

RT: 11.831 min Scan# 1759

Delta R.T. 0.000 min

Lab File: VT019243.D

Acq: 8 Dec 2025 11:04

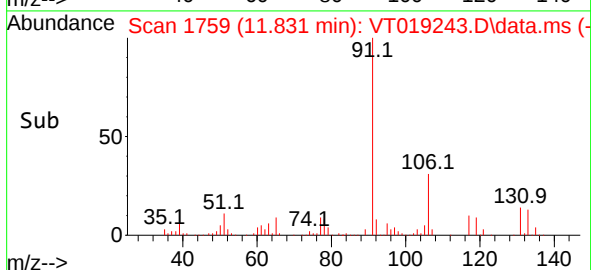
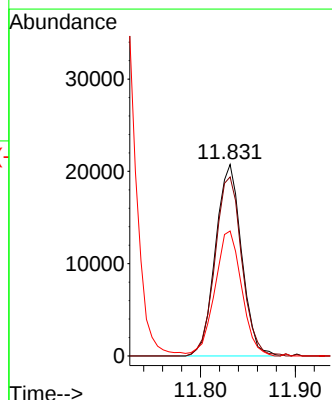
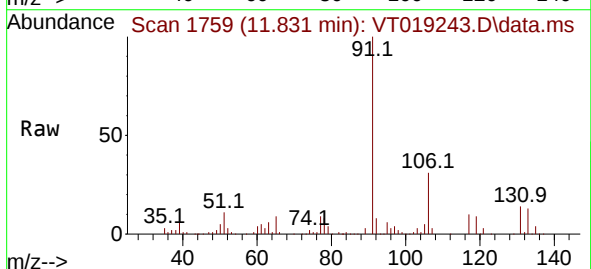
Tgt Ion:131 Resp: 39758

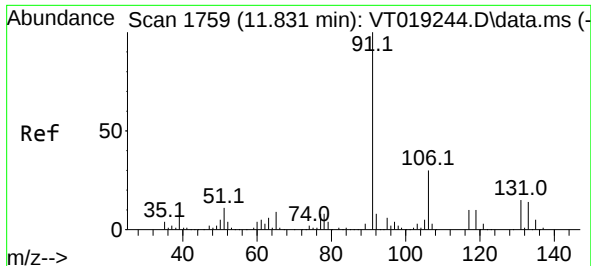
Ion Ratio Lower Upper

131 100

133 96.0 46.5 139.5

119 67.2 32.3 96.8





#67

Ethyl Benzene

Concen: 18.559 ug/l

RT: 11.831 min Scan# 1759

Delta R.T. 0.000 min

Lab File: VT019243.D

Acq: 8 Dec 2025 11:04

Instrument :

MSVOA_T

ClientSampleId :

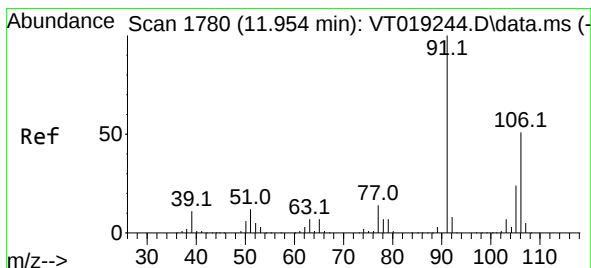
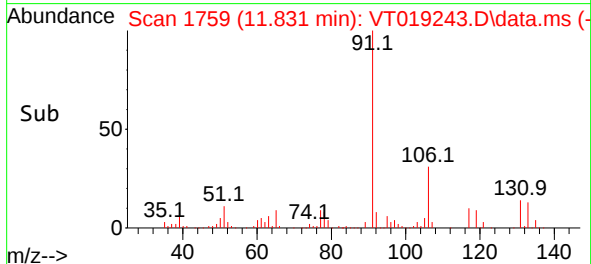
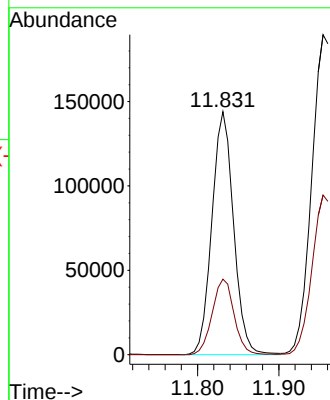
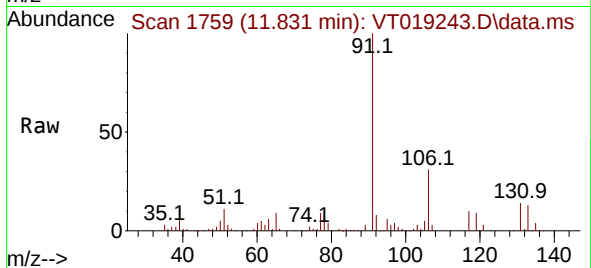
VSTDICC020

Tgt Ion: 91 Resp: 267162

Ion Ratio Lower Upper

91 100

106 31.0 24.3 36.5



#68

m/p-Xylenes

Concen: 37.289 ug/l

RT: 11.954 min Scan# 1780

Delta R.T. 0.000 min

Lab File: VT019243.D

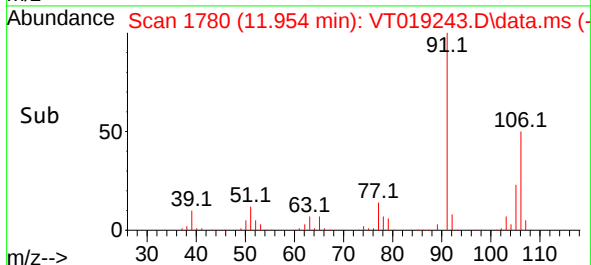
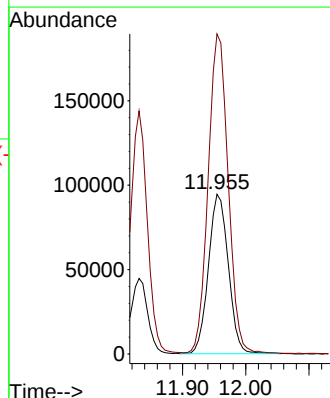
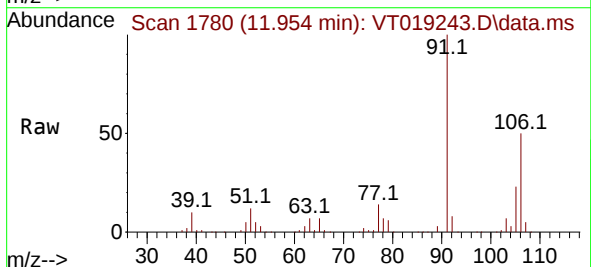
Acq: 8 Dec 2025 11:04

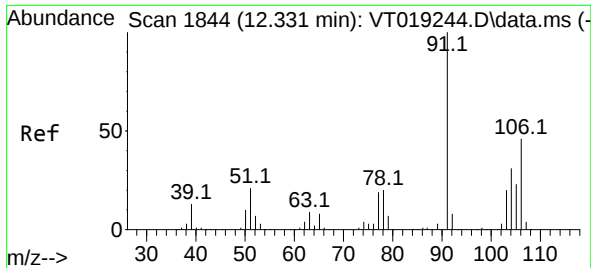
Tgt Ion: 106 Resp: 206408

Ion Ratio Lower Upper

106 100

91 201.5 159.3 238.9

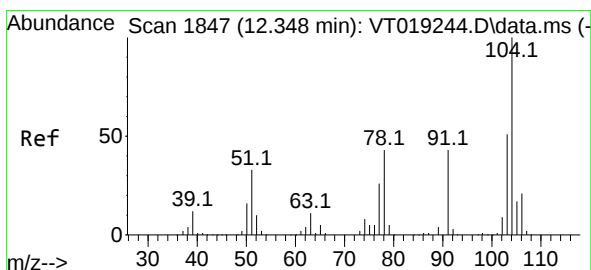
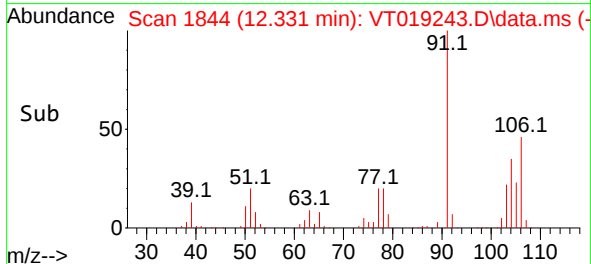
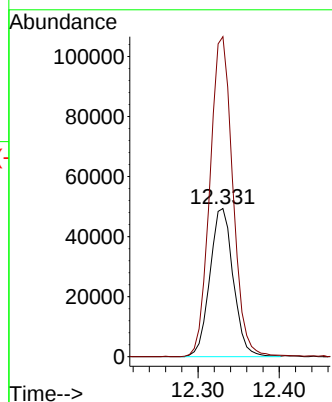
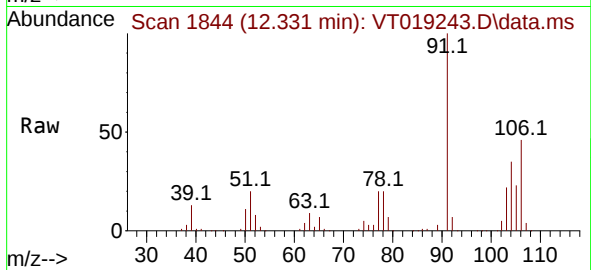




#69
o-Xylene
Concen: 18.844 ug/l
RT: 12.331 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VT019243.D
Acq: 8 Dec 2025 11:04

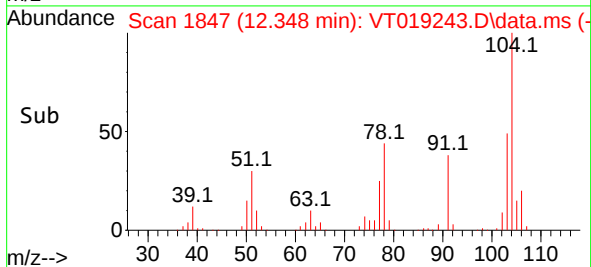
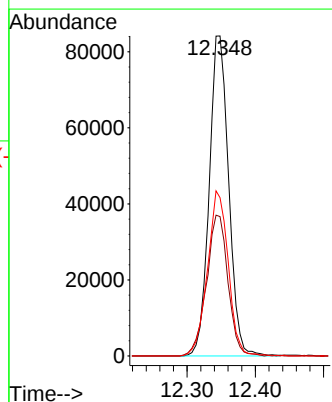
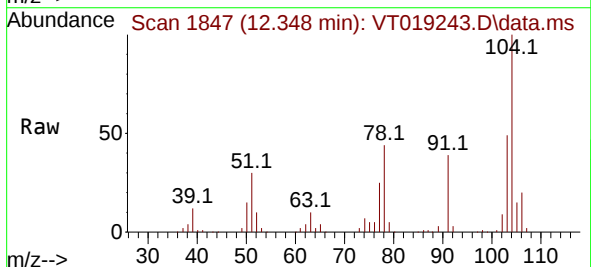
Instrument :
MSVOA_T
ClientSampleId :
VSTDIC020

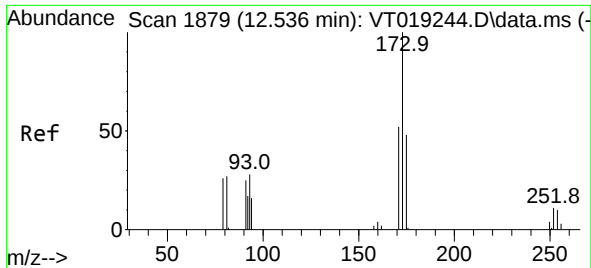
Tgt Ion:106 Resp: 98744
Ion Ratio Lower Upper
106 100
91 212.0 105.6 316.7



#70
Styrene
Concen: 19.092 ug/l
RT: 12.348 min Scan# 1847
Delta R.T. 0.000 min
Lab File: VT019243.D
Acq: 8 Dec 2025 11:04

Tgt Ion:104 Resp: 167235
Ion Ratio Lower Upper
104 100
78 48.4 39.1 58.7
103 55.0 44.4 66.6

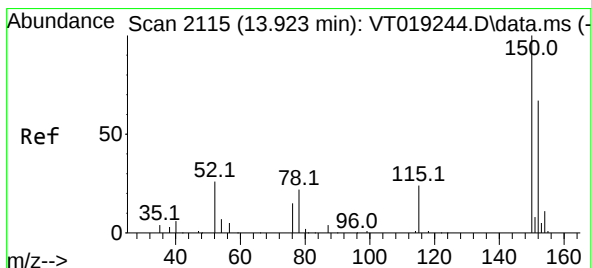
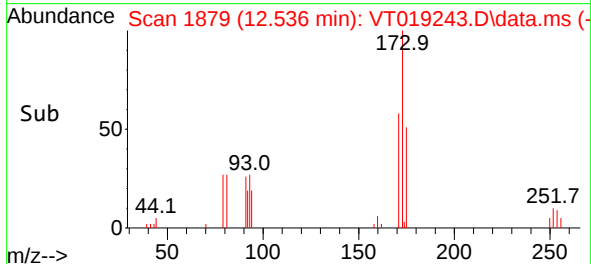
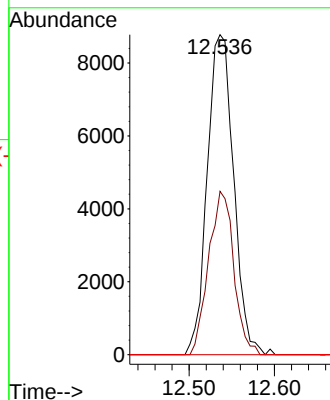
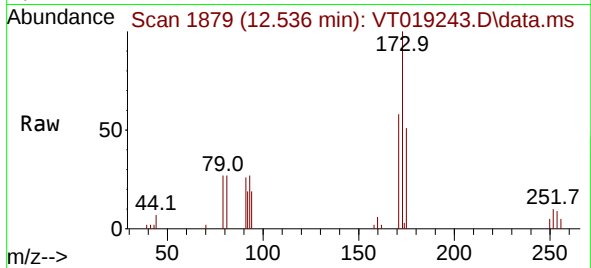




#71
Bromoform
Concen: 18.704 ug/l
RT: 12.536 min Scan# 11
Delta R.T. 0.000 min
Lab File: VT019243.D
Acq: 8 Dec 2025 11:04

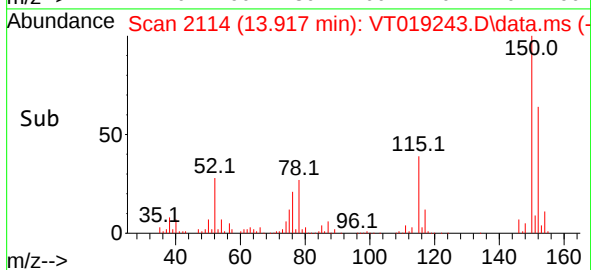
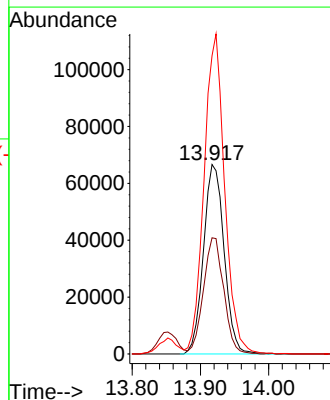
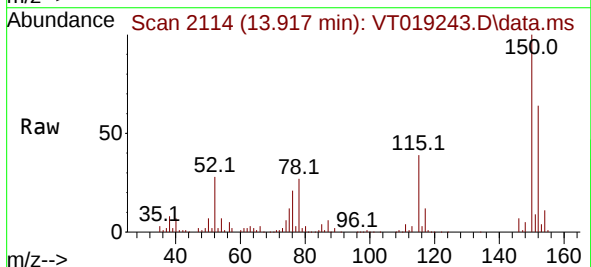
Instrument :
MSVOA_T
ClientSampleId :
VSTDIC020

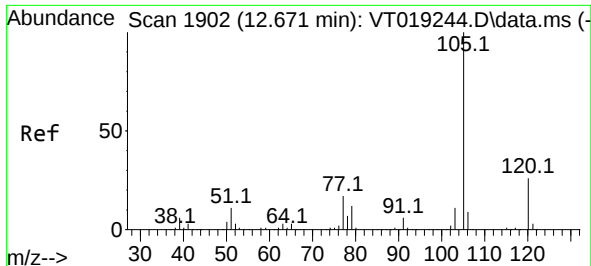
Tgt Ion:173 Resp: 18879
Ion Ratio Lower Upper
173 100
175 48.7 24.1 72.3
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.917 min Scan# 2114
Delta R.T. -0.006 min
Lab File: VT019243.D
Acq: 8 Dec 2025 11:04

Tgt Ion:152 Resp: 140314
Ion Ratio Lower Upper
152 100
115 60.2 29.6 88.9
150 168.9 0.0 347.6

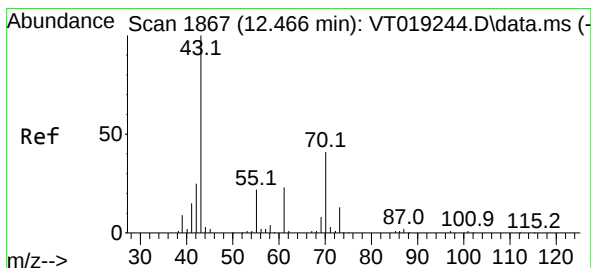
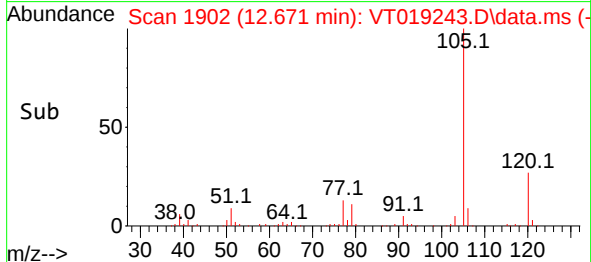
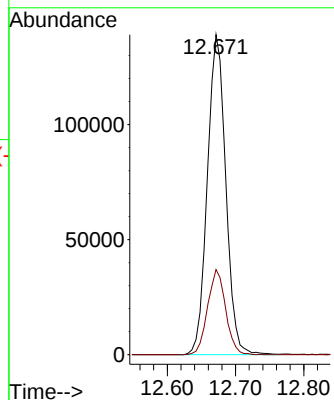
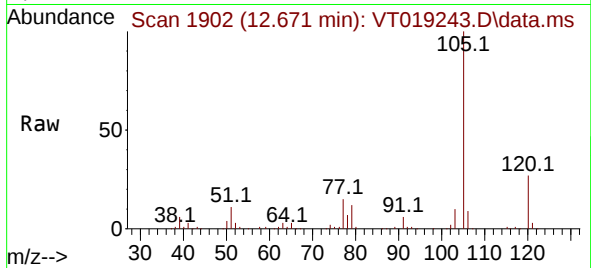




#73
Isopropylbenzene
Concen: 21.120 ug/l
RT: 12.671 min Scan# 1902
Delta R.T. 0.000 min
Lab File: VT019243.D
Acq: 8 Dec 2025 11:04

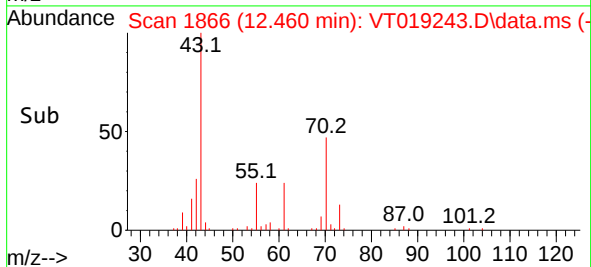
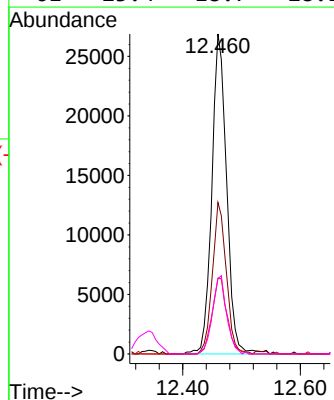
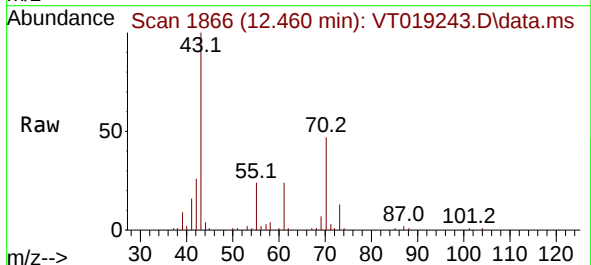
Instrument :
MSVOA_T
ClientSampleId :
VSTDIC020

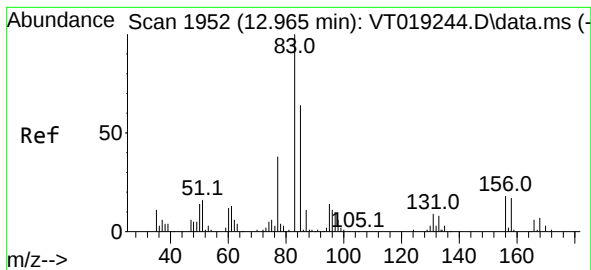
Tgt Ion:105 Resp: 261424
Ion Ratio Lower Upper
105 100
120 26.0 13.3 39.8



#74
N-ethyl acetate
Concen: 20.643 ug/l
RT: 12.460 min Scan# 1866
Delta R.T. -0.006 min
Lab File: VT019243.D
Acq: 8 Dec 2025 11:04

Tgt Ion: 43 Resp: 47095
Ion Ratio Lower Upper
43 100
70 44.4 33.3 49.9
55 23.9 18.5 27.7
61 23.4 18.7 28.1

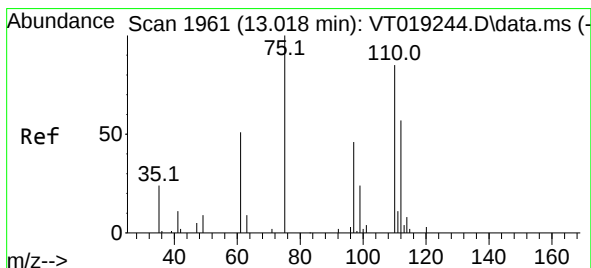
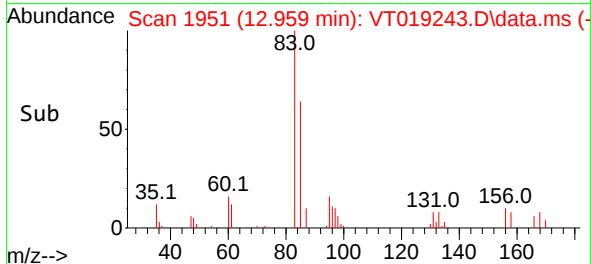
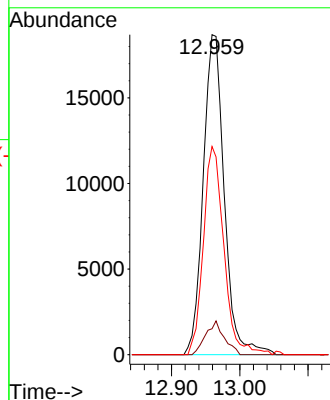
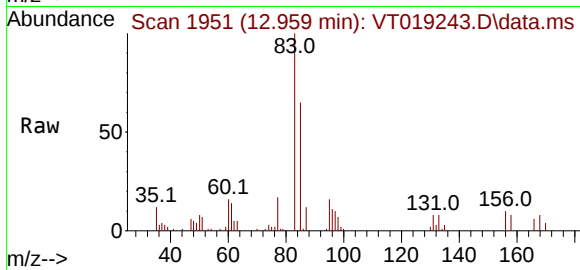




#75
1,1,2,2-Tetrachloroethane
Concen: 20.966 ug/l
RT: 12.959 min Scan# 1951
Delta R.T. -0.006 min
Lab File: VT019243.D
Acq: 8 Dec 2025 11:04

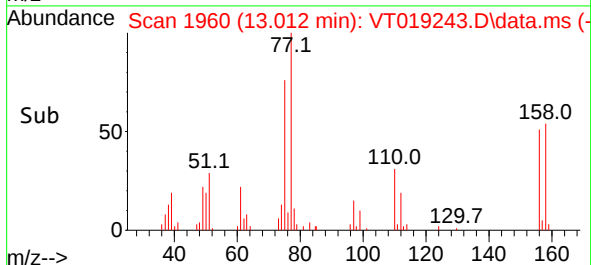
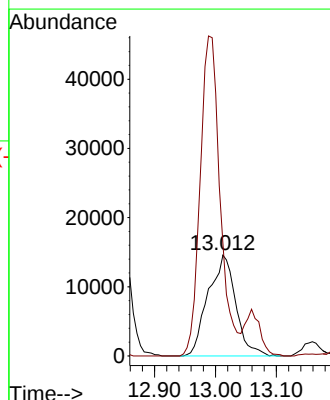
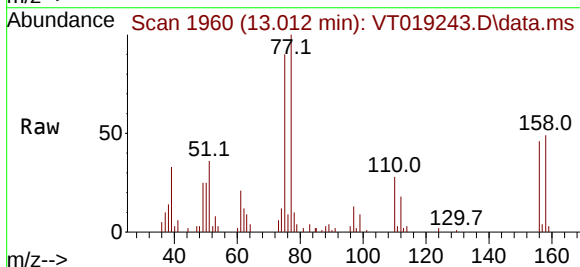
Instrument :
MSVOA_T
ClientSampleId :
VSTDIC020

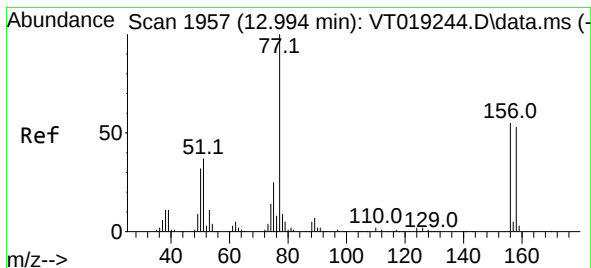
Tgt Ion: 83 Resp: 40109
Ion Ratio Lower Upper
83 100
131 9.3 4.7 14.0
85 63.4 33.0 98.9



#76
1,2,3-Trichloropropane
Concen: 30.649 ug/l
RT: 13.012 min Scan# 1960
Delta R.T. -0.006 min
Lab File: VT019243.D
Acq: 8 Dec 2025 11:04

Tgt Ion: 75 Resp: 45980
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.518 ug/l

RT: 12.989 min Scan# 1956

Delta R.T. -0.006 min

Lab File: VT019243.D

Acq: 8 Dec 2025 11:04

Instrument :

MSVOA_T

ClientSampleId :

VSTDICC020

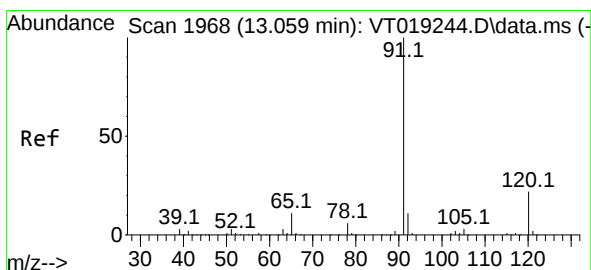
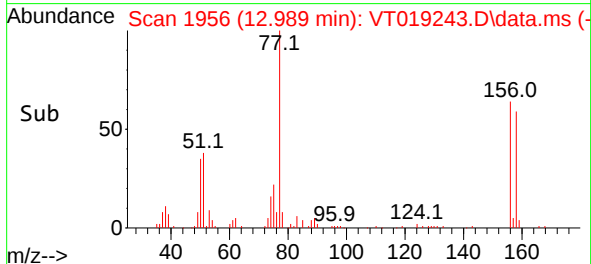
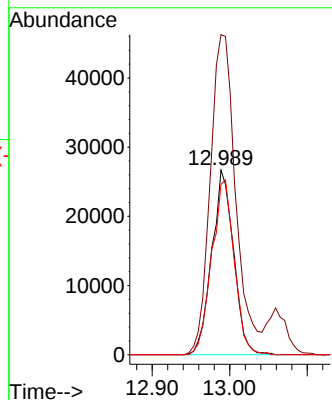
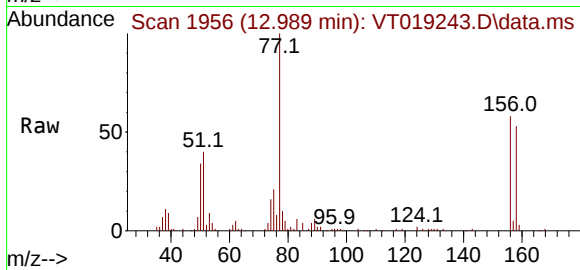
Tgt Ion:156 Resp: 52377

Ion Ratio Lower Upper

156 100

77 201.9 102.4 307.1

158 97.1 48.6 145.8



#78

n-propylbenzene

Concen: 18.762 ug/l

RT: 13.059 min Scan# 1968

Delta R.T. -0.000 min

Lab File: VT019243.D

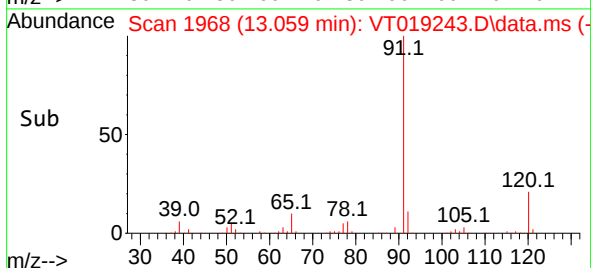
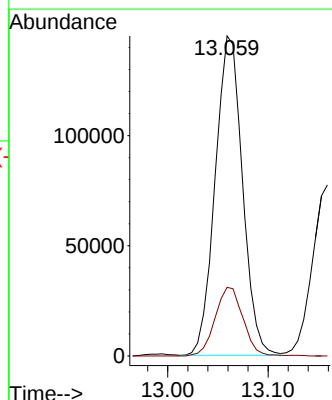
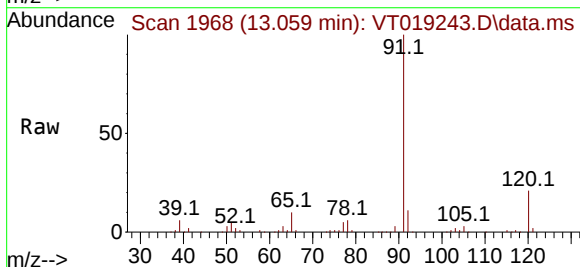
Acq: 8 Dec 2025 11:04

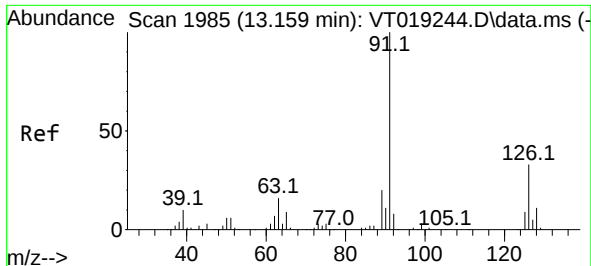
Tgt Ion: 91 Resp: 273680

Ion Ratio Lower Upper

91 100

120 21.9 11.0 33.0

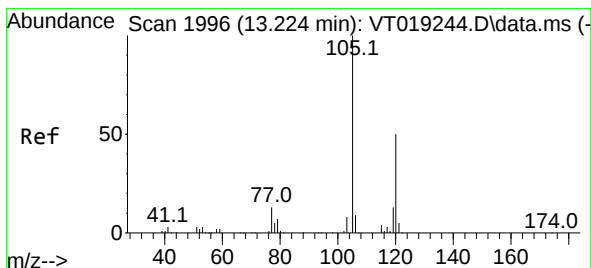
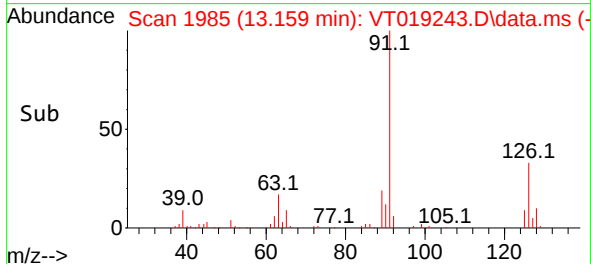
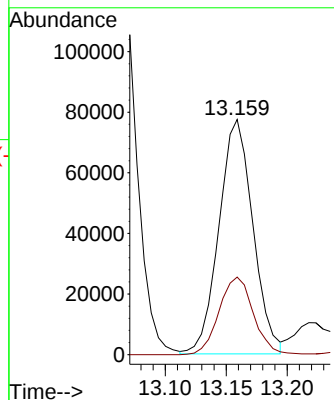
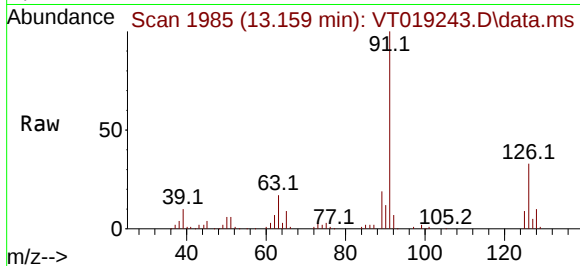




#79
2-Chlorotoluene
Concen: 18.312 ug/l
RT: 13.159 min Scan# 1985
Delta R.T. 0.000 min
Lab File: VT019243.D
Acq: 8 Dec 2025 11:04

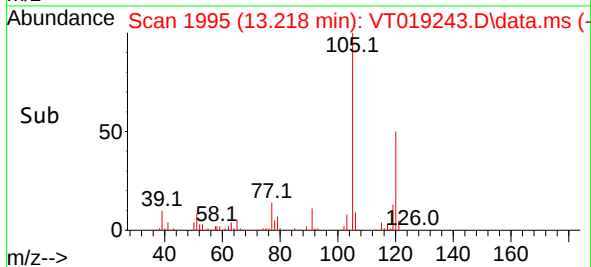
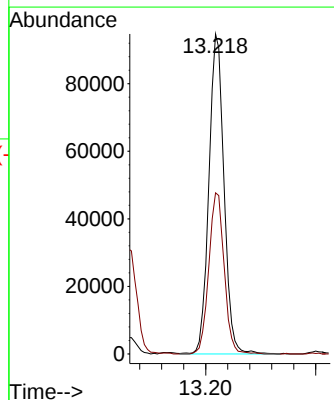
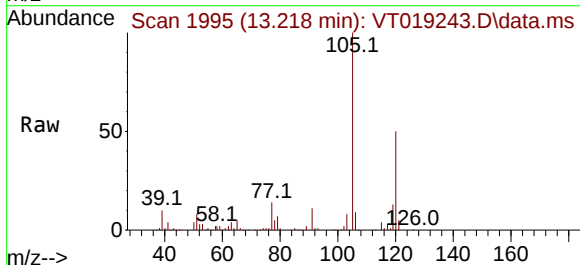
Instrument :
MSVOA_T
ClientSampleId :
VSTDIC020

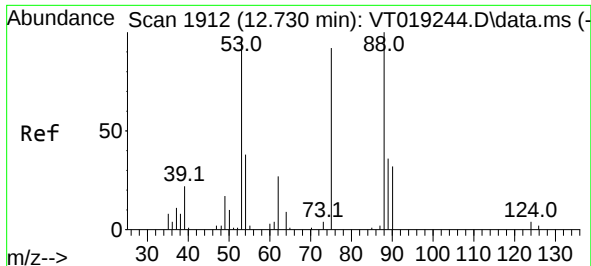
Tgt Ion: 91 Resp: 150210
Ion Ratio Lower Upper
91 100
126 33.6 16.4 49.1



#80
1,3,5-Trimethylbenzene
Concen: 18.843 ug/l
RT: 13.218 min Scan# 1995
Delta R.T. -0.006 min
Lab File: VT019243.D
Acq: 8 Dec 2025 11:04

Tgt Ion: 105 Resp: 180196
Ion Ratio Lower Upper
105 100
120 51.2 25.1 75.2

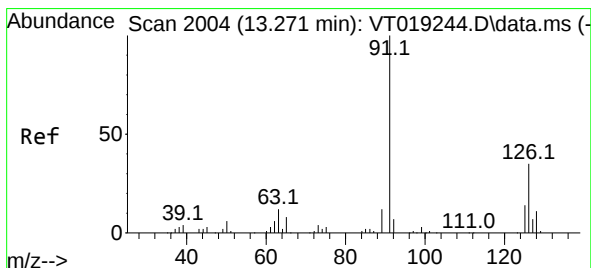
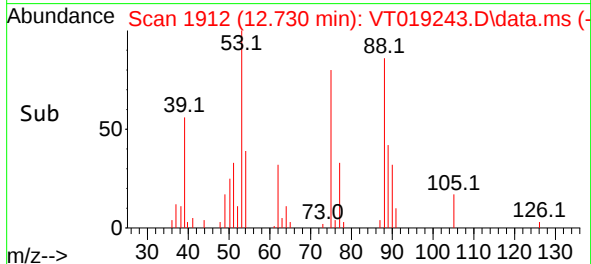
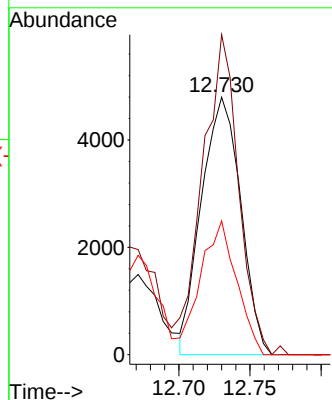
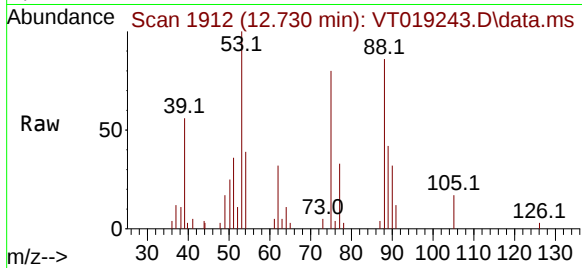




#81
trans-1,4-Dichloro-2-butene
Concen: 17.781 ug/l
RT: 12.730 min Scan# 1912
Delta R.T. 0.000 min
Lab File: VT019243.D
Acq: 8 Dec 2025 11:04

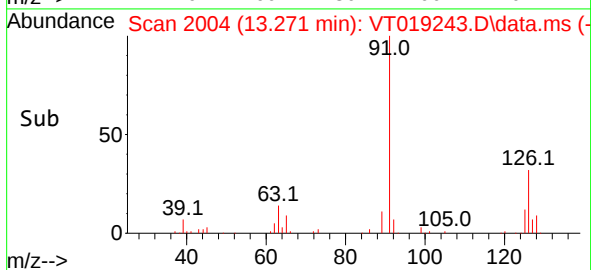
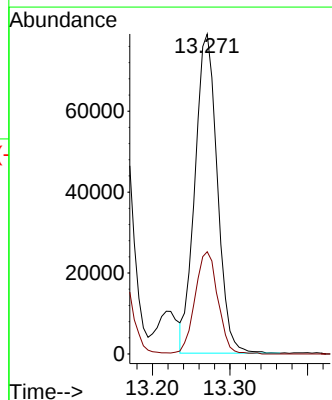
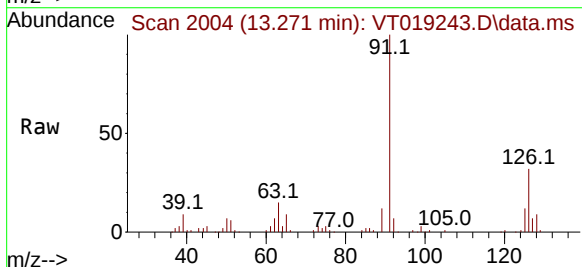
Instrument :
MSVOA_T
ClientSampleId :
VSTDIC020

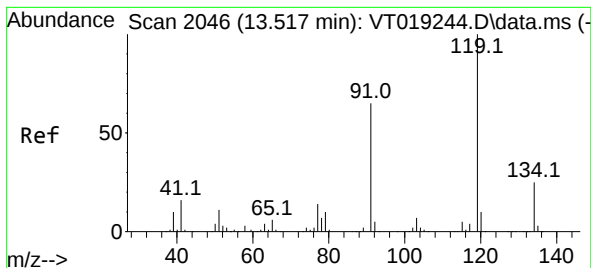
Tgt Ion:	75	Resp:	9191
Ion	Ratio	Lower	Upper
75	100		
53	114.6	83.3	124.9
89	48.6	35.0	52.6



#82
4-Chlorotoluene
Concen: 18.382 ug/l
RT: 13.271 min Scan# 2004
Delta R.T. 0.000 min
Lab File: VT019243.D
Acq: 8 Dec 2025 11:04

Tgt Ion:	91	Resp:	157888
Ion	Ratio	Lower	Upper
91	100		
126	32.8	16.4	49.2

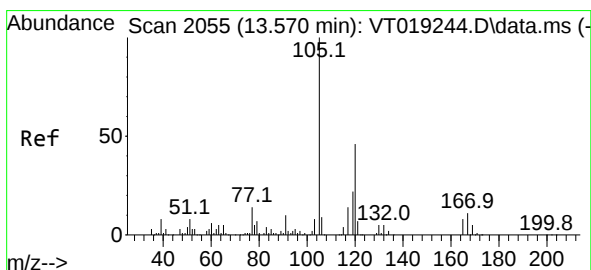
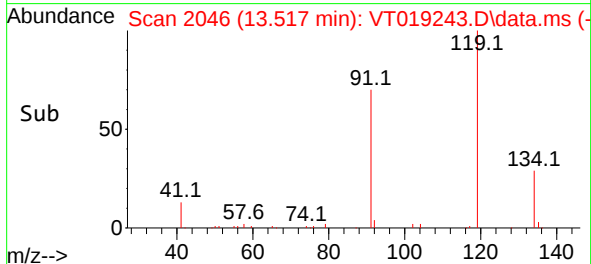
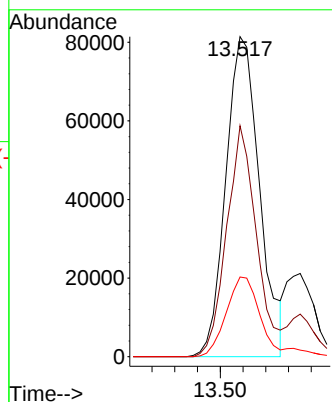
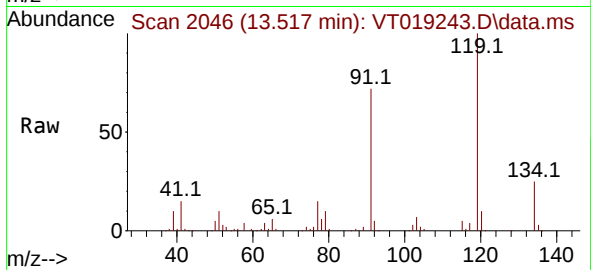




#83
tert-Butylbenzene
Concen: 19.517 ug/l
RT: 13.517 min Scan# 2046
Delta R.T. 0.000 min
Lab File: VT019243.D
Acq: 8 Dec 2025 11:04

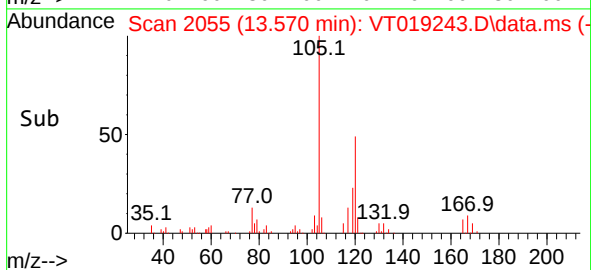
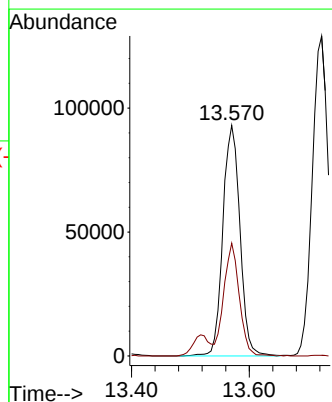
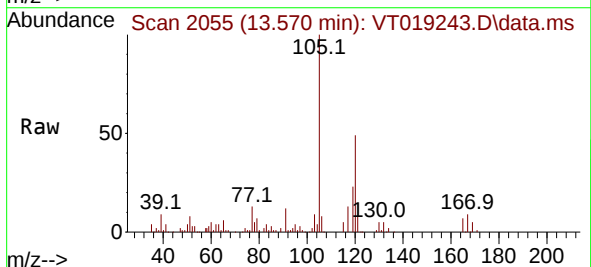
Instrument :
MSVOA_T
ClientSampleId :
VSTDIC020

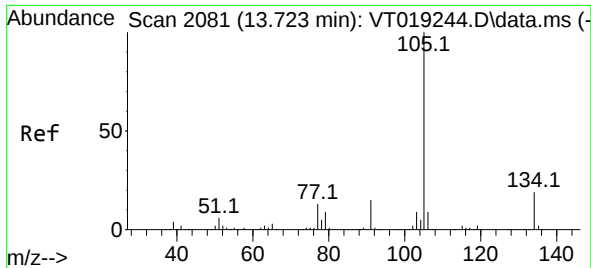
Tgt Ion:119 Resp: 167596
Ion Ratio Lower Upper
119 100
91 64.1 31.7 95.1
134 26.3 13.4 40.2



#84
1,2,4-Trimethylbenzene
Concen: 19.392 ug/l
RT: 13.570 min Scan# 2055
Delta R.T. 0.000 min
Lab File: VT019243.D
Acq: 8 Dec 2025 11:04

Tgt Ion:105 Resp: 187852
Ion Ratio Lower Upper
105 100
120 44.1 23.4 70.0

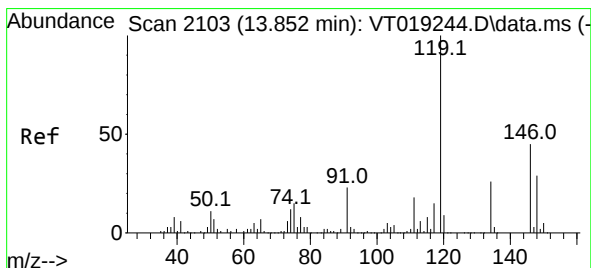
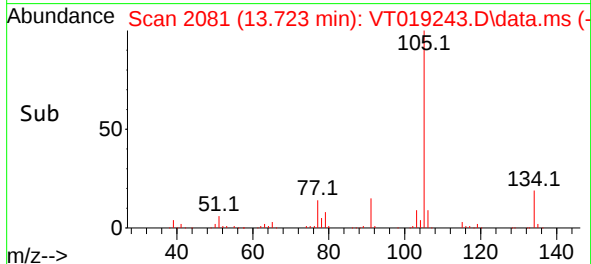
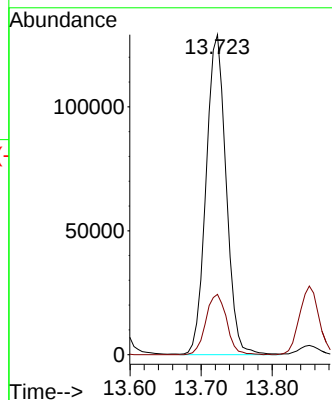
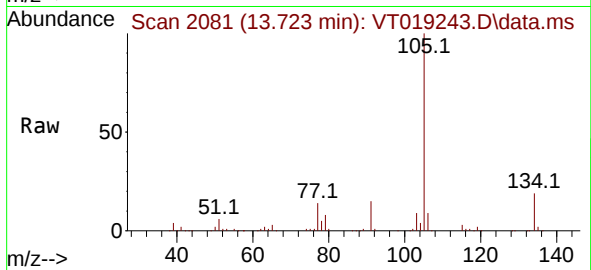




#85
 sec-Butylbenzene
 Concen: 19.560 ug/l
 RT: 13.723 min Scan# 2081
 Delta R.T. 0.000 min
 Lab File: VT019243.D
 Acq: 8 Dec 2025 11:04

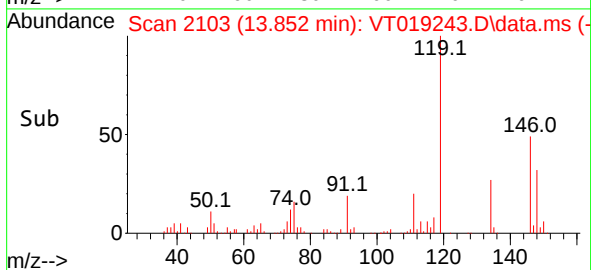
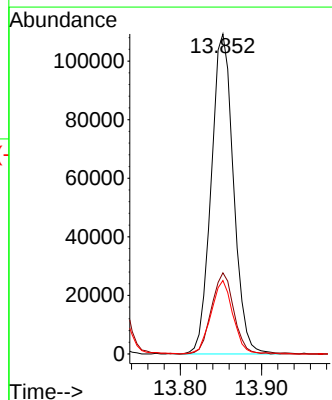
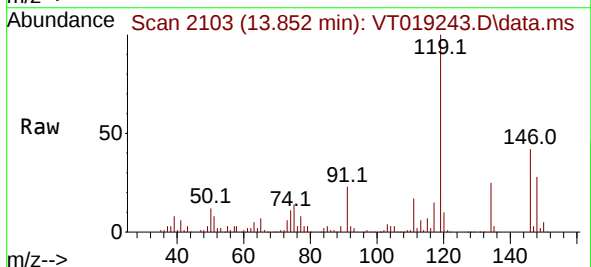
Instrument :
 MSVOA_T
 ClientSampleId :
 VSTDIC020

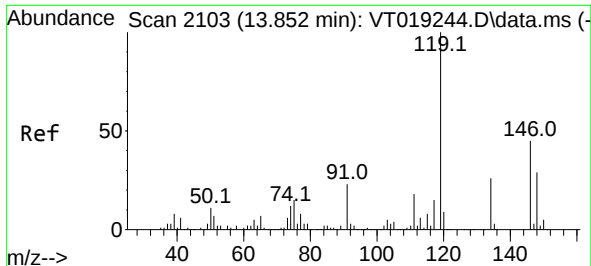
Tgt Ion:105 Resp: 252739
 Ion Ratio Lower Upper
 105 100
 134 19.6 9.6 28.8



#86
 p-Isopropyltoluene
 Concen: 19.104 ug/l
 RT: 13.852 min Scan# 2103
 Delta R.T. 0.000 min
 Lab File: VT019243.D
 Acq: 8 Dec 2025 11:04

Tgt Ion:119 Resp: 208133
 Ion Ratio Lower Upper
 119 100
 134 25.4 13.1 39.1
 91 22.9 11.6 34.7





#87

1,3-Dichlorobenzene

Concen: 18.635 ug/l

RT: 13.852 min Scan# 2103

Delta R.T. 0.000 min

Lab File: VT019243.D

Acq: 8 Dec 2025 11:04

Instrument :

MSVOA_T

ClientSampleId :

VSTDIC020

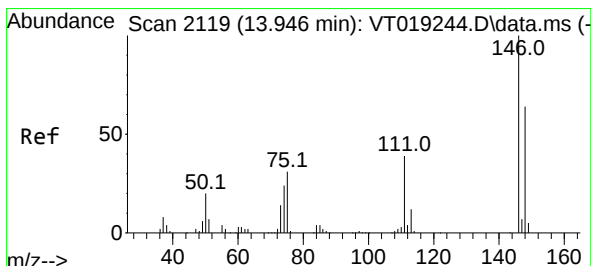
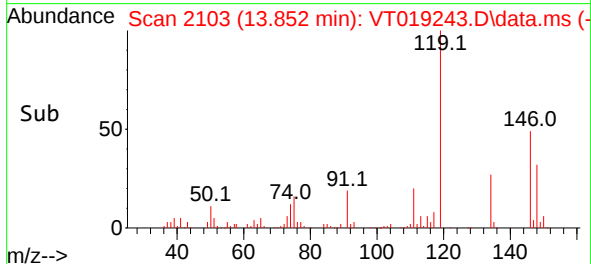
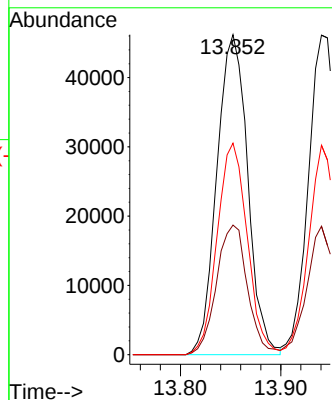
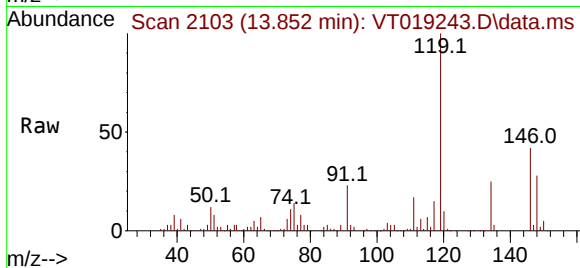
Tgt Ion:146 Resp: 98735

Ion Ratio Lower Upper

146 100

111 40.7 19.5 58.5

148 64.5 31.6 94.7



#88

1,4-Dichlorobenzene

Concen: 19.321 ug/l

RT: 13.940 min Scan# 2118

Delta R.T. -0.006 min

Lab File: VT019243.D

Acq: 8 Dec 2025 11:04

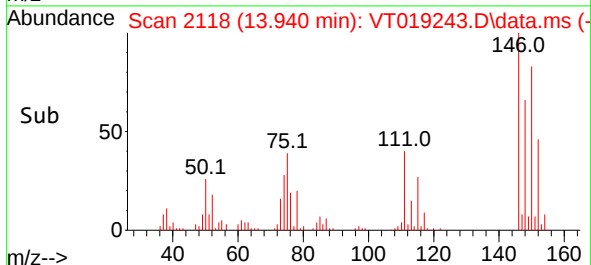
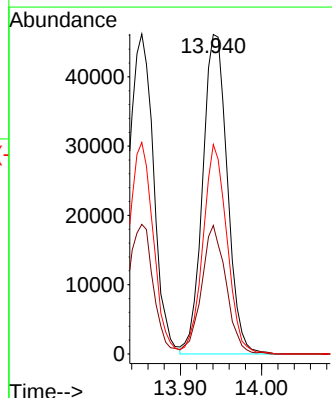
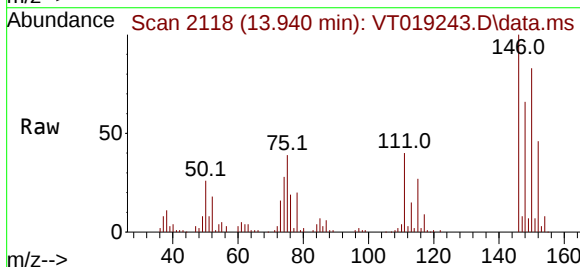
Tgt Ion:146 Resp: 97260

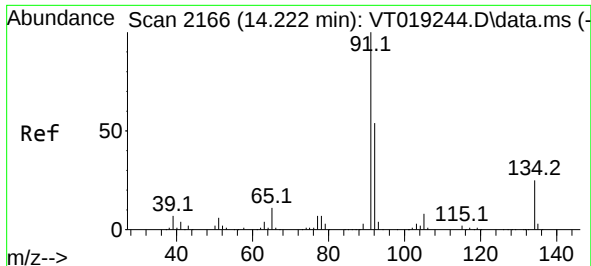
Ion Ratio Lower Upper

146 100

111 40.0 19.4 58.2

148 63.9 32.1 96.3

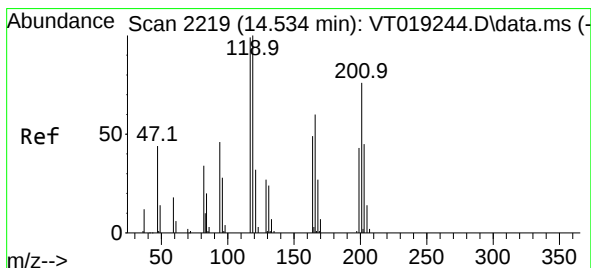
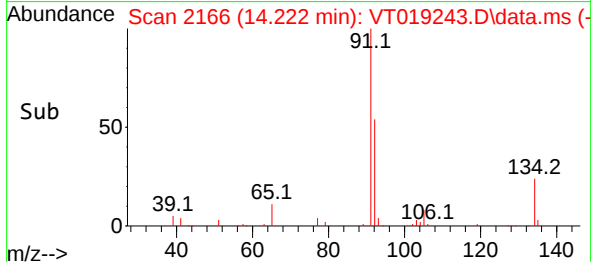
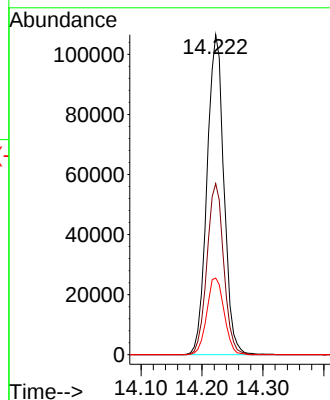
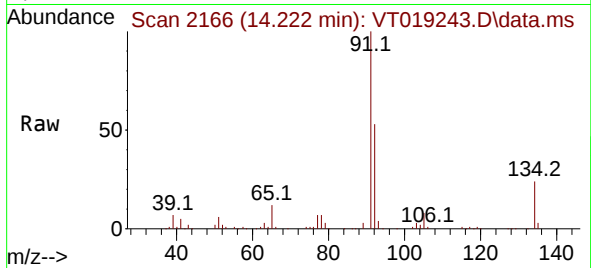




#89
n-Butylbenzene
Concen: 19.983 ug/l
RT: 14.222 min Scan# 2166
Delta R.T. -0.000 min
Lab File: VT019243.D
Acq: 8 Dec 2025 11:04

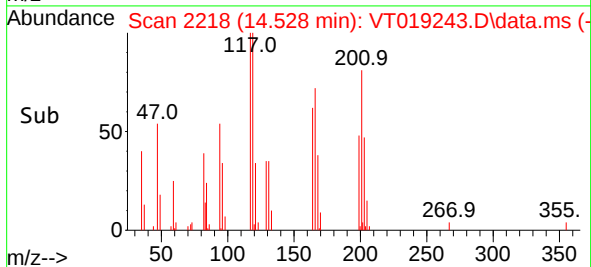
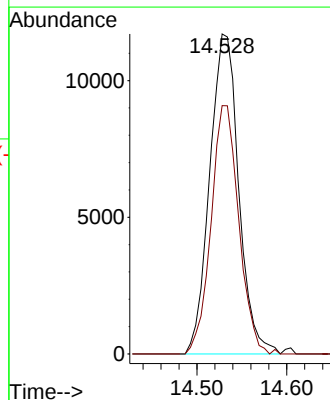
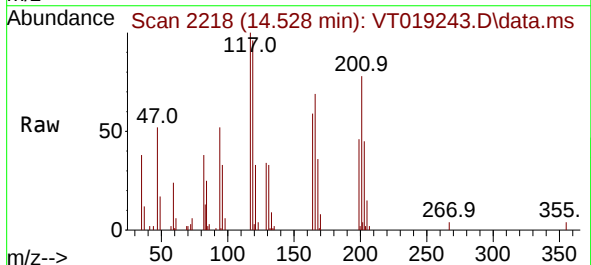
Instrument :
MSVOA_T
ClientSampleId :
VSTDIC020

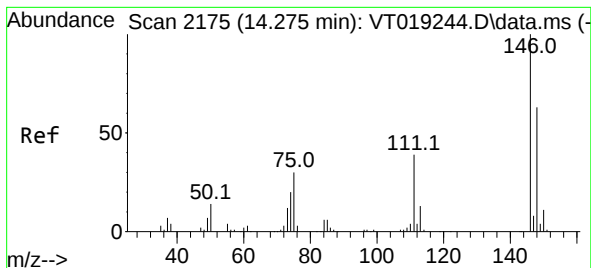
Tgt Ion: 91 Resp: 205263
Ion Ratio Lower Upper
91 100
92 53.0 26.4 79.2
134 24.7 12.3 36.8



#90
Hexachloroethane
Concen: 19.496 ug/l
RT: 14.528 min Scan# 2218
Delta R.T. -0.006 min
Lab File: VT019243.D
Acq: 8 Dec 2025 11:04

Tgt Ion: 117 Resp: 26241
Ion Ratio Lower Upper
117 100
201 74.2 36.8 110.4

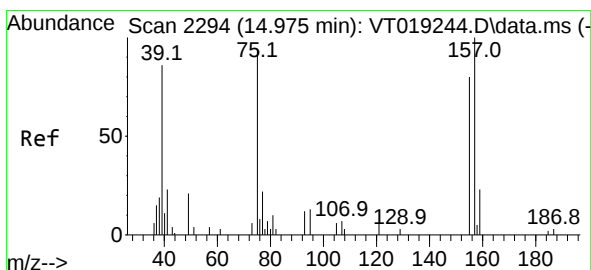
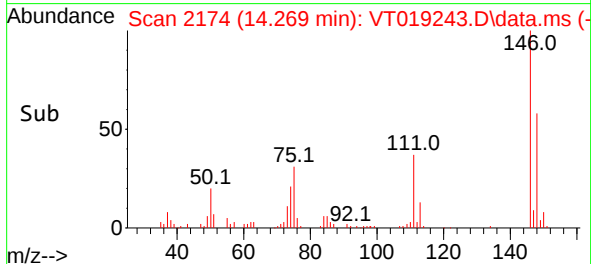
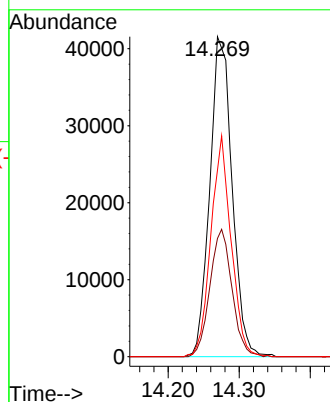
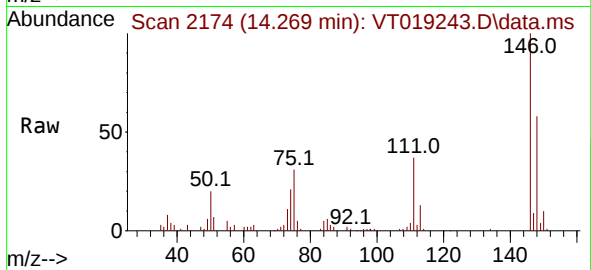




#91
1,2-Dichlorobenzene
Concen: 20.042 ug/l
RT: 14.269 min Scan# 2174
Delta R.T. -0.006 min
Lab File: VT019243.D
Acq: 8 Dec 2025 11:04

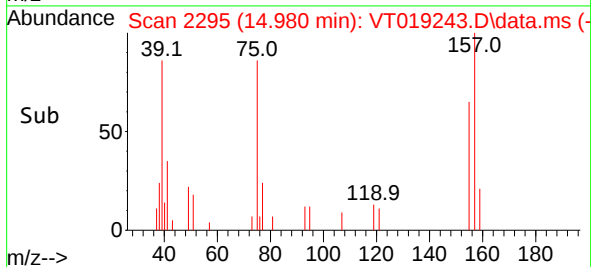
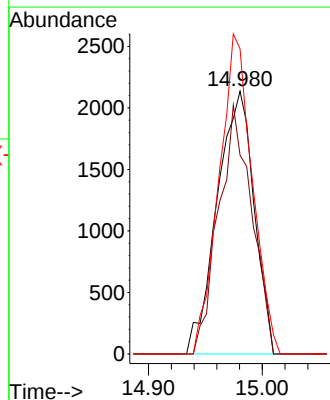
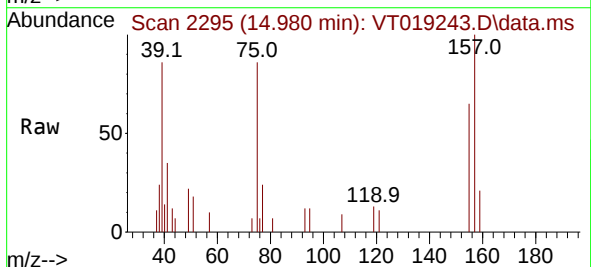
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MSVOA_T
ClientSampleId :
VSTDICC020

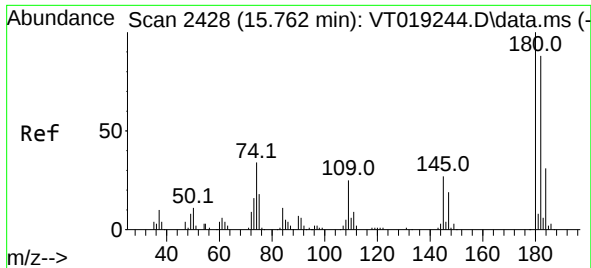
Tgt Ion:146 Resp: 90884
Ion Ratio Lower Upper
146 100
111 39.3 20.2 60.5
148 62.4 31.8 95.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 19.789 ug/l
RT: 14.980 min Scan# 2295
Delta R.T. 0.006 min
Lab File: VT019243.D
Acq: 8 Dec 2025 11:04

Tgt Ion: 75 Resp: 4810
Ion Ratio Lower Upper
75 100
155 84.9 42.0 126.1
157 109.8 55.1 165.3

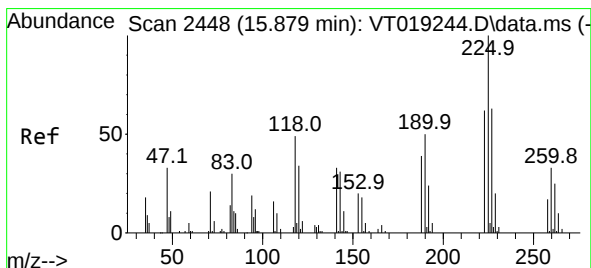
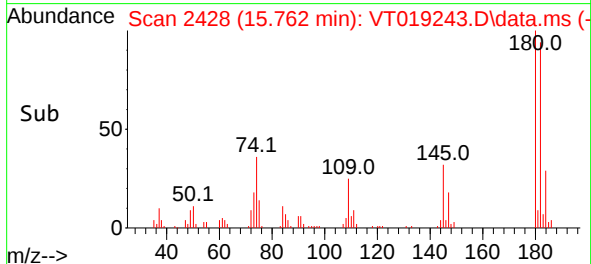
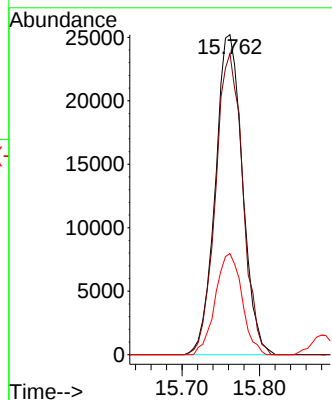
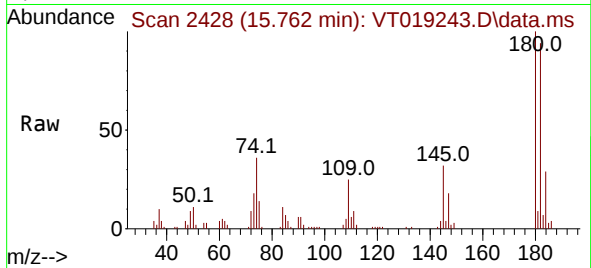




#93
1,2,4-Trichlorobenzene
Concen: 20.566 ug/l
RT: 15.762 min Scan# 2428
Delta R.T. -0.000 min
Lab File: VT019243.D
Acq: 8 Dec 2025 11:04

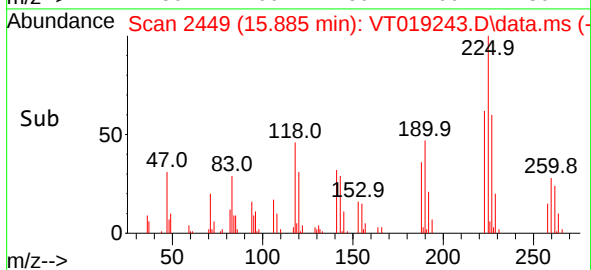
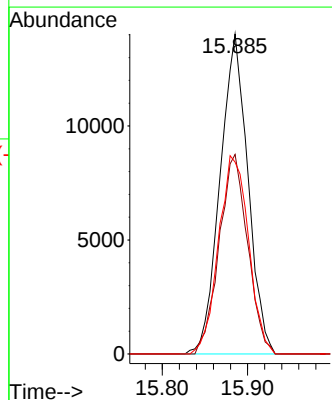
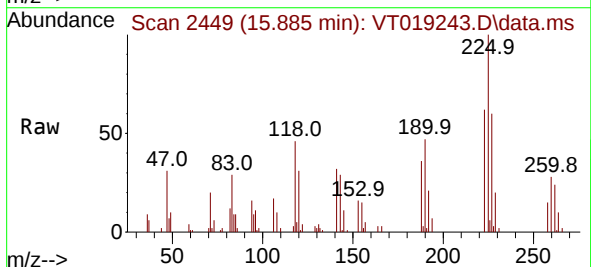
Instrument :
MSVOA_T
ClientSampleId :
VSTDIC020

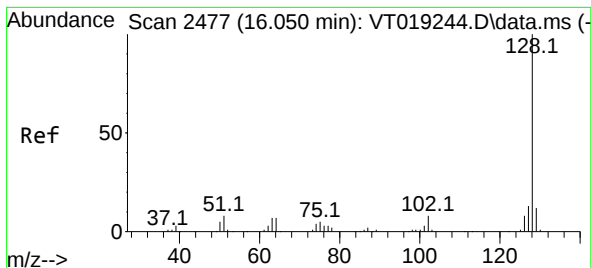
Tgt Ion:180 Resp: 61237
Ion Ratio Lower Upper
180 100
182 94.5 46.6 139.8
145 31.1 14.7 44.1



#94
Hexachlorobutadiene
Concen: 20.854 ug/l
RT: 15.885 min Scan# 2449
Delta R.T. 0.006 min
Lab File: VT019243.D
Acq: 8 Dec 2025 11:04

Tgt Ion:225 Resp: 31806
Ion Ratio Lower Upper
225 100
223 63.7 32.1 96.5
227 66.7 31.6 95.0

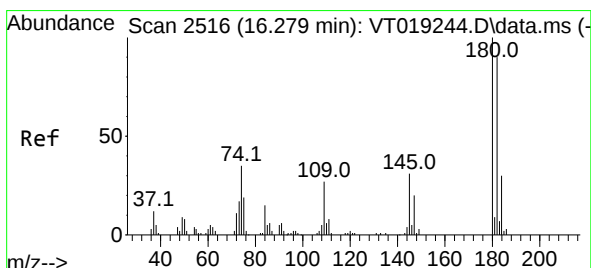
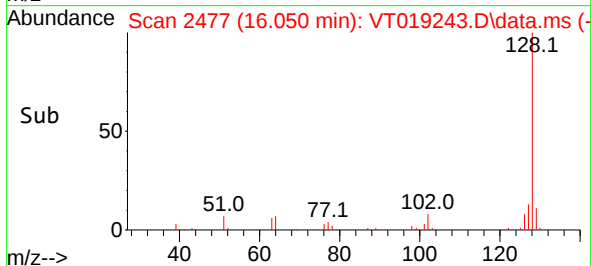
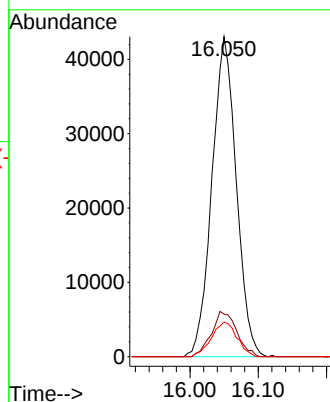
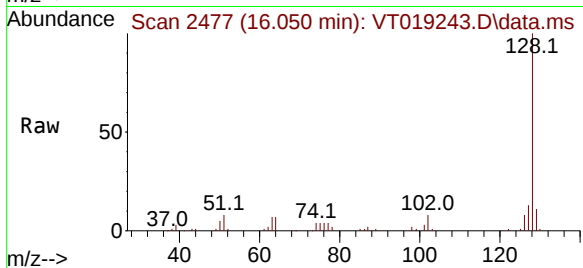




#95
Naphthalene
Concen: 20.046 ug/l
RT: 16.050 min Scan# 2477
Delta R.T. 0.000 min
Lab File: VT019243.D
Acq: 8 Dec 2025 11:04

Instrument :
MSVOA_T
ClientSampleId :
VSTDIC020

Tgt Ion:128 Resp: 106872
Ion Ratio Lower Upper
128 100
127 14.7 11.0 16.4
129 11.3 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 21.000 ug/l
RT: 16.279 min Scan# 2516
Delta R.T. -0.000 min
Lab File: VT019243.D
Acq: 8 Dec 2025 11:04

Tgt Ion:180 Resp: 53471
Ion Ratio Lower Upper
180 100
182 94.8 47.9 143.8
145 31.6 15.7 47.1

