

Data Path : Z:\voasrv\HPCHEM1\MSVOA_R\Data\VR082125\
 Data File : VR026750.D
 Acq On : 21 Aug 2025 8:43
 Operator : SY/MD
 Sample : VSTDC0050
 Misc : 5mL/MSVOA_R/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 VSTDC0050

Quant Time: Aug 22 06:51:36 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_R\methods\82R082025W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 22 06:50:13 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.385	168	2124455	50.000	ug/l	0.00
33) 1,4-Difluorobenzene	8.386	114	3320499	50.000	ug/l	0.00
62) Chlorobenzene-d5	11.563	117	2680266	50.000	ug/l	0.00
71) 1,4-Dichlorobenzene-d4	13.761	152	838227	50.000	ug/l	0.00

System Monitoring Compounds						
32) 1,2-Dichloroethane-d4	7.767	65	1317153	49.370	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	98.740%
34) Dibromofluoromethane	7.292	113	1098709	50.733	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.460%
49) Toluene-d8	10.074	98	3865880	53.247	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	106.500%
61) 4-Bromofluorobenzene	12.692	95	1109696	53.869	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	107.740%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.817	85	889195	44.293	ug/l	100
3) Chloromethane	1.820	50	101027	42.297	ug/l #	98
4) Vinyl Chloride	2.125	62	1489460	45.090	ug/l	100
5) Bromomethane	2.446	94	466497	45.999	ug/l	90
6) Chloroethane	2.578	64	960480	50.955	ug/l	96
7) Trichlorofluoromethane	2.870	101	3031353	47.340	ug/l	100
8) Diethyl Ether	3.236	74	949124	46.335	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.537	101	1252571	48.953	ug/l	99
10) Methyl Iodide	3.707	142	1398098	51.411	ug/l	99
11) Tert butyl alcohol	4.487	59	710025	173.116	ug/l #	84
12) 1,1-Dichloroethene	3.521	96	1350801	48.647	ug/l	94
13) Acrolein	3.406	56	511661	180.490	ug/l	96
14) Allyl chloride	4.044	41	2458585	48.046	ug/l	99
15) Acrylonitrile	4.648	53	3650074	208.085	ug/l	99
16) Acetone	3.598	43	3464513	245.326	ug/l	99
17) Carbon Disulfide	3.804	76	3521019	52.212	ug/l	99
18) Methyl Acetate	4.057	43	1667912	40.543	ug/l	98
19) Methyl tert-butyl Ether	4.712	73	4265758	48.437	ug/l	98
20) Methylene Chloride	4.250	84	1404661	46.631	ug/l	96
21) trans-1,2-Dichloroethene	4.699	96	1459229	50.263	ug/l	96
22) Diisopropyl ether	5.607	45	5199881	49.393	ug/l	97
23) Vinyl Acetate	5.540	43	15228002	218.099	ug/l	91
24) 1,1-Dichloroethane	5.479	63	2494018	48.142	ug/l	99
25) 2-Butanone	6.493	43	4790388	218.474	ug/l	97
26) 2,2-Dichloropropane	6.470	77	1975905	55.675	ug/l	100
27) cis-1,2-Dichloroethene	6.473	96	1680827	51.153	ug/l	99
28) Bromochloromethane	6.862	49	710974	46.371	ug/l	97
29) Chloroform	7.057	83	2322264	49.892	ug/l	99
30) Cyclohexane	7.372	56	2655505	48.607	ug/l	99
31) 1,1,1-Trichloroethane	7.272	97	1958559	51.820	ug/l	99
35) 1,1-Dichloropropene	7.516	75	1818345	53.915	ug/l	100
36) Ethyl Acetate	6.595	43	1848792	42.850	ug/l	99
37) Carbon Tetrachloride	7.494	117	1657193	54.604	ug/l	99
38) Methylcyclohexane	8.941	83	2305003	54.617	ug/l	98
39) Benzene	7.786	78	5525528	53.368	ug/l	97
40) Methacrylonitrile	6.836	41	1014944	45.102	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) 1,2-Dichloroethane	7.872	62	1453205	50.620	ug/l	99
42) Isopropyl Acetate	7.937	43	2936152	48.001	ug/l	99
43) Trichloroethene	8.662	130	1148365	50.839	ug/l	98
44) 1,2-Dichloropropane	8.973	63	1278491	51.580	ug/l	99
45) Dibromomethane	9.073	93	806951	51.248	ug/l	100
46) Bromodichloromethane	9.294	83	1580709	53.932	ug/l	98
47) Methyl methacrylate	9.079	41	1441102	48.269	ug/l	99
48) 1,4-Dioxane	9.076	88	316213	824.473	ug/l	99
50) 4-Methyl-2-Pentanone	9.958	43	6658500	220.182	ug/l	91
51) Toluene	10.144	92	3199362	54.114	ug/l	96
52) t-1,3-Dichloropropene	10.398	75	1559213	56.168	ug/l	98
53) cis-1,3-Dichloropropene	9.785	75	1819917	54.039	ug/l	99
54) 1,1,2-Trichloroethane	10.603	97	1044045	49.751	ug/l	99
55) Ethyl methacrylate	10.462	69	1817148	50.342	ug/l	99
56) 1,3-Dichloropropane	10.764	76	1781012	50.352	ug/l	99
57) 2-Chloroethyl Vinyl ether	9.628	63	340385	175.983	ug/l	100
58) 2-Hexanone	10.825	43	5025766	243.147	ug/l	93
59) Dibromochloromethane	10.988	129	1050906	53.240	ug/l	100
60) 1,2-Dibromoethane	11.104	107	936842	49.395	ug/l	98
63) Tetrachloroethene	10.683	164	932502	49.517	ug/l	98
64) Chlorobenzene	11.588	112	3093288	51.862	ug/l	97
65) 1,1,1,2-Tetrachloroethane	11.678	131	1063411	53.102	ug/l	100
66) Ethyl Benzene	11.685	91	5338477	53.533	ug/l	93
67) m/p-Xylenes	11.810	106	4666306	111.823	ug/l	95
68) o-Xylene	12.182	106	2303110	54.468	ug/l	97
69) Styrene	12.195	104	3547157	57.008	ug/l	98
70) Bromoform	12.378	173	577142	53.448	ug/l #	99
72) Isopropylbenzene	12.525	105	4829546	53.079	ug/l	96
73) N-amyl acetate	12.320	43	1795842	54.669	ug/l	99
74) 1,1,2,2-Tetrachloroethane	12.805	83	1265458	48.585	ug/l	100
75) 1,2,3-Trichloropropane	12.862	75	1472985	71.287	ug/l #	100
76) Bromobenzene	12.833	156	1041566	52.297	ug/l	97
77) n-propylbenzene	12.910	91	5232790	53.644	ug/l	97
78) 2-Chlorotoluene	13.003	91	3166881	54.974	ug/l	99
79) 1,3,5-Trimethylbenzene	13.071	105	3728827	54.879	ug/l	98
80) trans-1,4-Dichloro-2-b...	12.573	75	368734	54.449	ug/l	100
81) 4-Chlorotoluene	13.116	91	2983503	56.523	ug/l	99
82) tert-Butylbenzene	13.366	119	3398507	53.501	ug/l	99
83) 1,2,4-Trimethylbenzene	13.417	105	3466719	55.955	ug/l	98
84) sec-Butylbenzene	13.568	105	4387549	53.699	ug/l	98
85) p-Isopropyltoluene	13.697	119	3449646	54.334	ug/l	98
86) 1,3-Dichlorobenzene	13.693	146	1519895	51.386	ug/l	99
87) 1,4-Dichlorobenzene	13.783	146	1455609	51.081	ug/l	99
88) n-Butylbenzene	14.066	91	2438636	53.757	ug/l	99
89) Hexachloroethane	14.367	117	541892	52.620	ug/l	99
90) 1,2-Dichlorobenzene	14.114	146	1251350	50.377	ug/l	99
91) 1,2-Dibromo-3-Chloropr...	14.804	75	117323	45.427	ug/l	96
92) 1,2,4-Trichlorobenzene	15.571	180	852603	52.243	ug/l	100
93) Hexachlorobutadiene	15.702	225	299312	55.642	ug/l	97
94) Naphthalene	15.856	128	2096019	44.917	ug/l	100
95) 1,2,3-Trichlorobenzene	16.081	180	786995	49.697	ug/l	99

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ClientSampleId :
VSTDCCC050

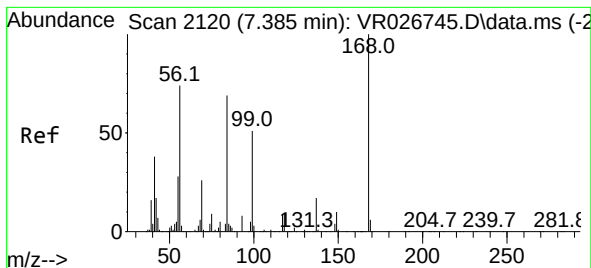
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.385 min Scan# 2120

Delta R.T. -0.000 min

Lab File: VR026750.D

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Instrument :

MSVOA_R

ClientSampleId :

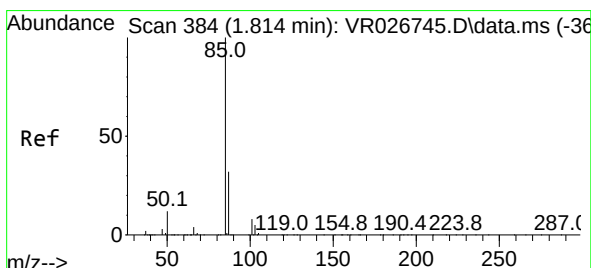
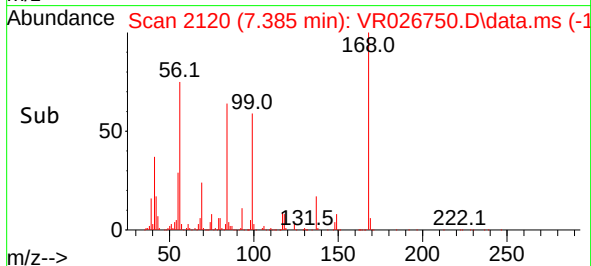
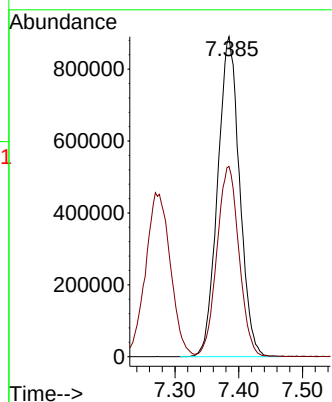
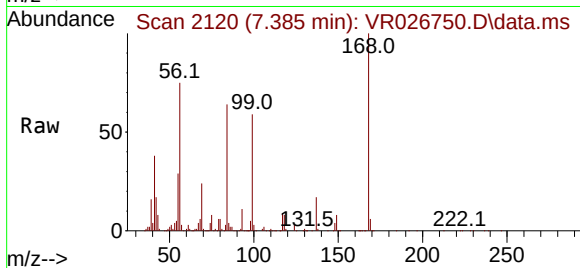
VSTDCCC050

Tgt Ion:168 Resp: 2124455

Ion Ratio Lower Upper

168 100

99 59.4 47.1 70.7



#2

Dichlorodifluoromethane

Concen: 44.293 ug/l

RT: 1.817 min Scan# 385

Delta R.T. 0.003 min

Lab File: VR026750.D

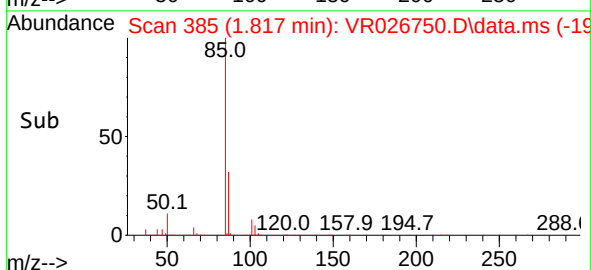
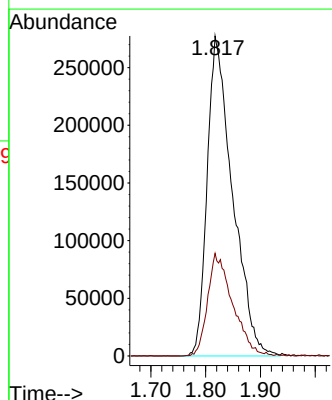
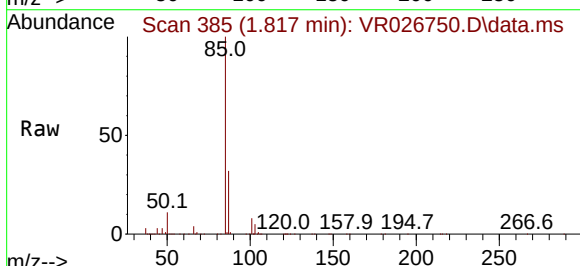
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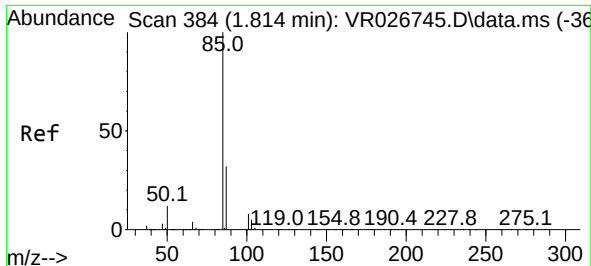
Tgt Ion: 85 Resp: 889195

Ion Ratio Lower Upper

85 100

87 31.9 16.1 48.2

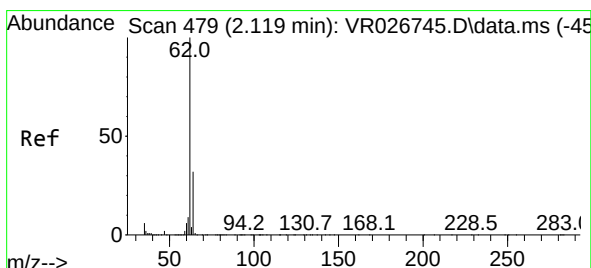
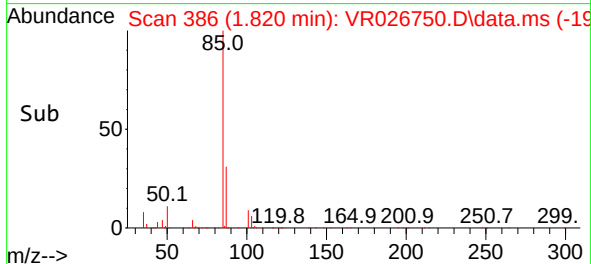
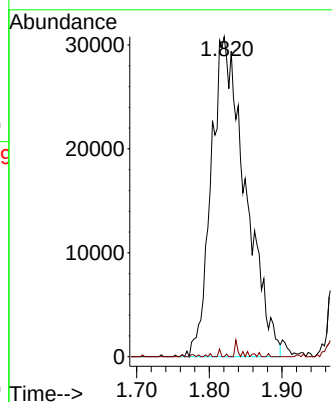
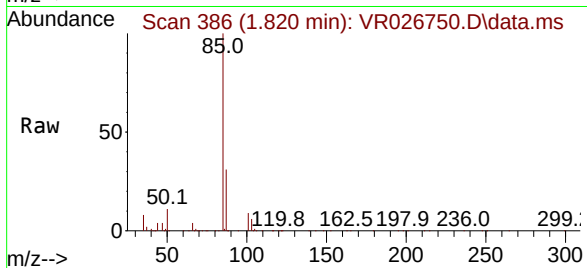




#3
Chloromethane
Concen: 42.297 ug/l
RT: 1.820 min Scan# 31
Delta R.T. 0.006 min
Lab File: VR026750.D
Acq: 21 Aug 2025 8:43

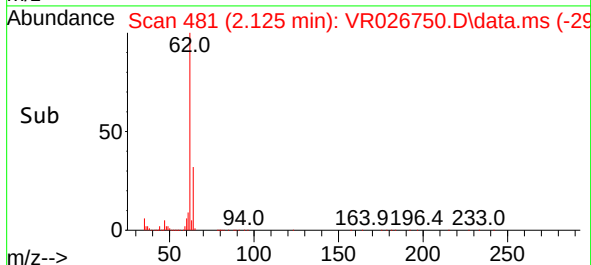
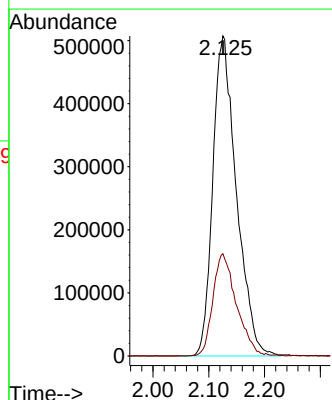
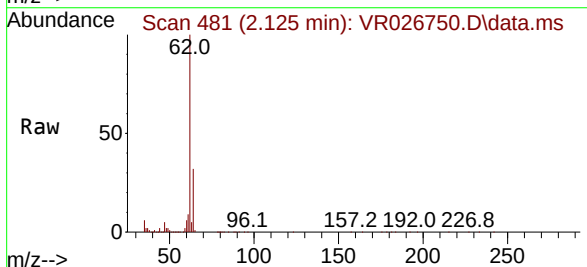
Instrument :
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ClientSampleId :
VSTDCCC050

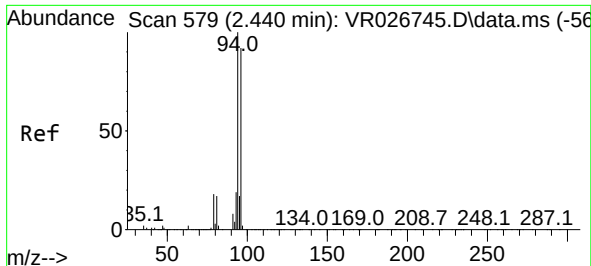
Tgt Ion: 50 Resp: 101027
Ion Ratio Lower Upper
50 100
52 0.0 0.6 1.0#



#4
Vinyl Chloride
Concen: 45.090 ug/l
RT: 2.125 min Scan# 481
Delta R.T. 0.006 min
Lab File: VR026750.D
Acq: 21 Aug 2025 8:43

Tgt Ion: 62 Resp: 1489460
Ion Ratio Lower Upper
62 100
64 31.9 25.5 38.3

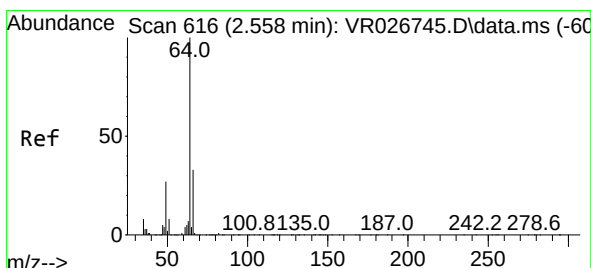
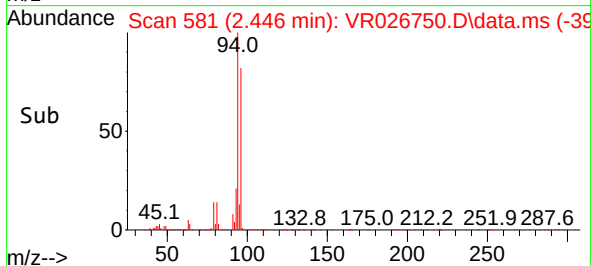
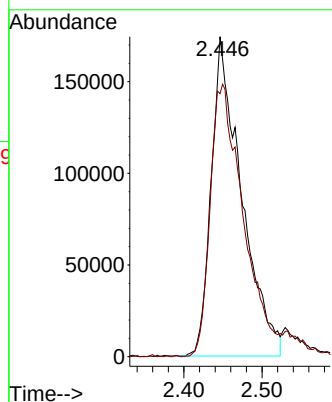
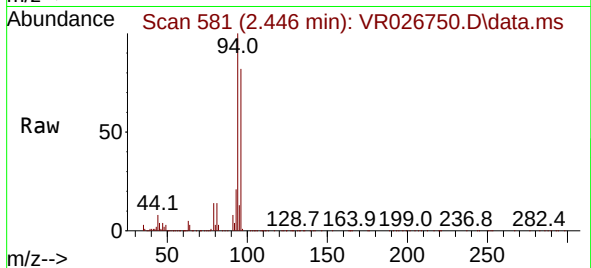




#5
Bromomethane
Concen: 45.999 ug/l
RT: 2.446 min Scan# 51
Delta R.T. 0.006 min
Lab File: VR026750.D
Acq: 21 Aug 2025 8:43

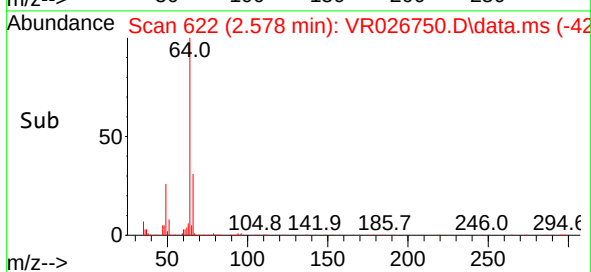
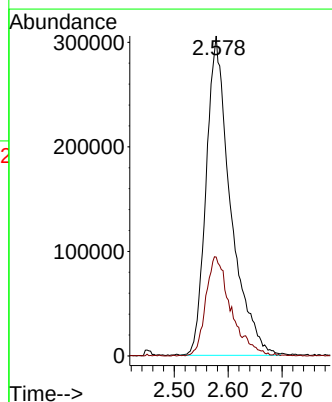
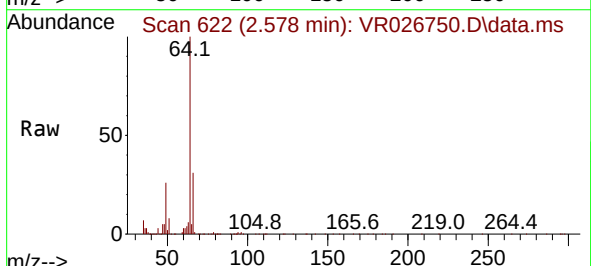
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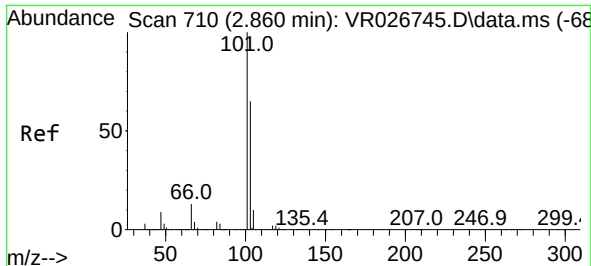
Tgt Ion: 94 Resp: 466497
Ion Ratio Lower Upper
94 100
96 82.4 73.8 110.6



#6
Chloroethane
Concen: 50.955 ug/l
RT: 2.578 min Scan# 622
Delta R.T. 0.020 min
Lab File: VR026750.D
Acq: 21 Aug 2025 8:43

Tgt Ion: 64 Resp: 960480
Ion Ratio Lower Upper
64 100
66 30.8 26.6 40.0

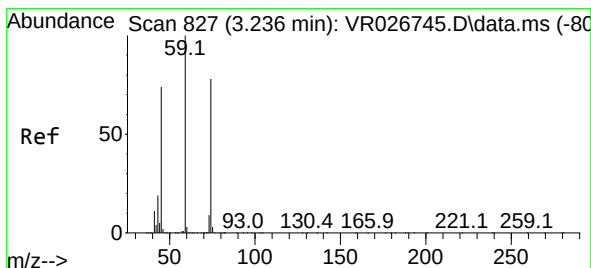
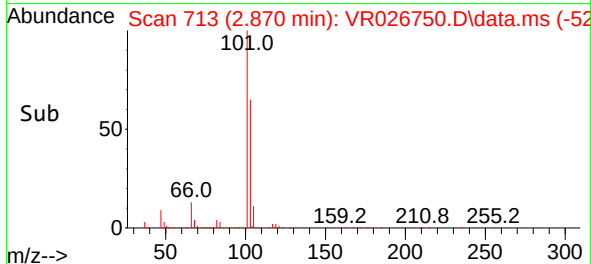
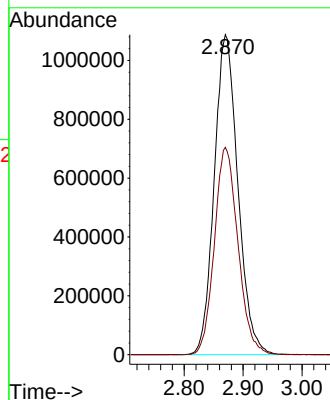
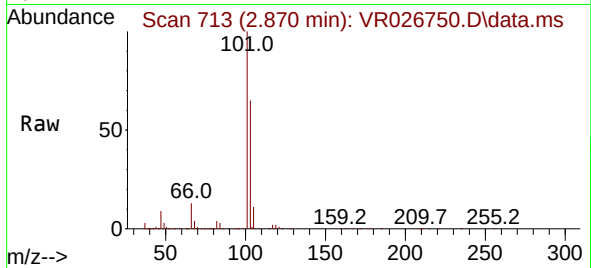




#7
 Trichlorofluoromethane
 Concen: 47.340 ug/l
 RT: 2.870 min Scan# 710
 Delta R.T. 0.010 min
 Lab File: VR026750.D
 Acq: 21 Aug 2025 8:43

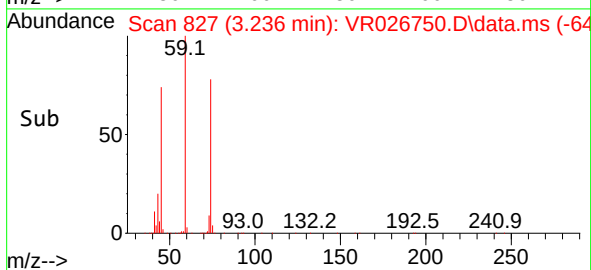
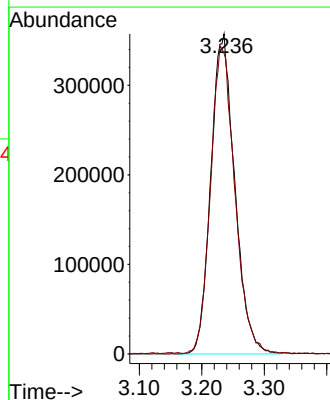
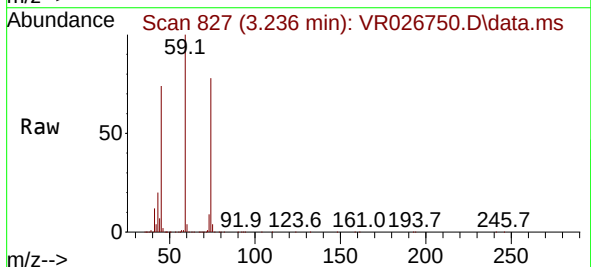
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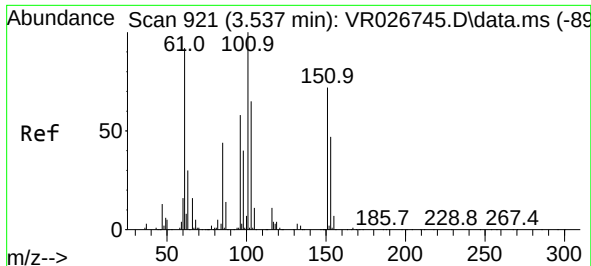
Tgt Ion:101 Resp: 3031353
 Ion Ratio Lower Upper
 101 100
 103 64.8 51.8 77.8



#8
 Diethyl Ether
 Concen: 46.335 ug/l
 RT: 3.236 min Scan# 827
 Delta R.T. 0.000 min
 Lab File: VR026750.D
 Acq: 21 Aug 2025 8:43

Tgt Ion: 74 Resp: 949124
 Ion Ratio Lower Upper
 74 100
 45 97.2 47.5 142.6

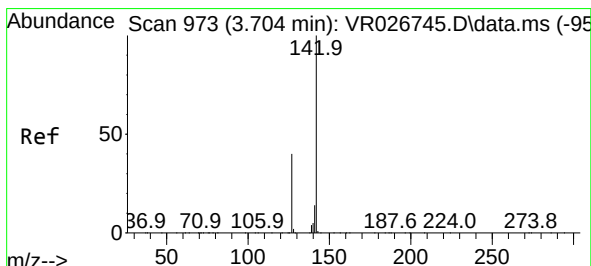
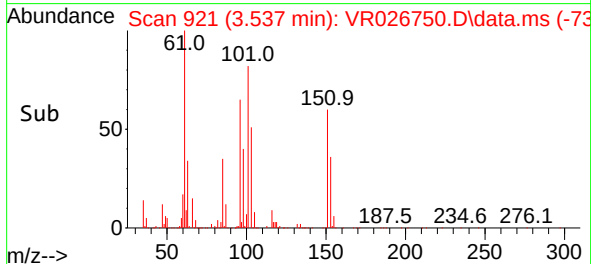
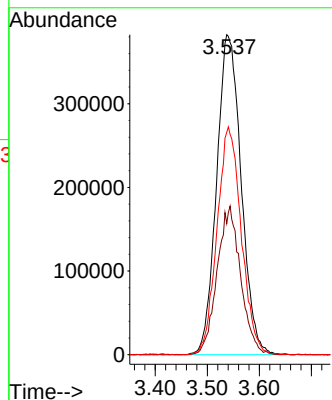
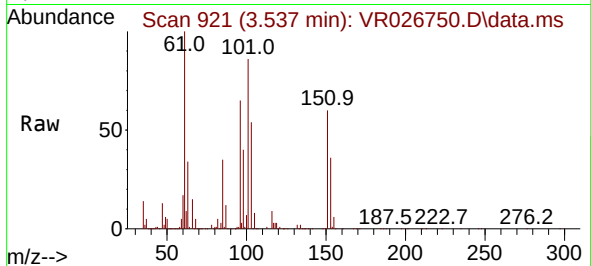




#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.953 ug/l
RT: 3.537 min Scan# 91
Delta R.T. 0.000 min
Lab File: VR026750.D
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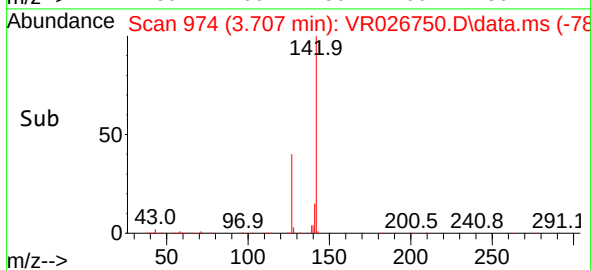
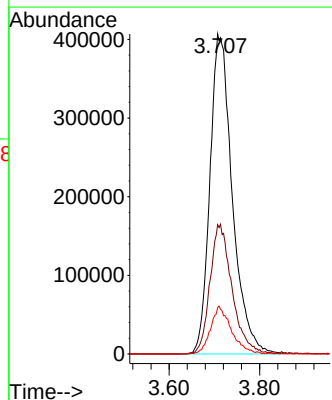
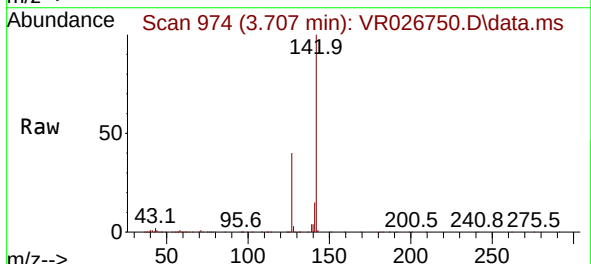
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MSVOA_R
ClientSampleId :
VSTDCCC050

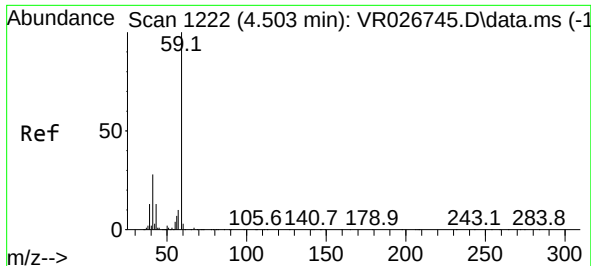
Tgt Ion:101 Resp: 1252571
Ion Ratio Lower Upper
101 100
85 44.4 35.4 53.0
151 70.4 57.2 85.8



#10
Methyl Iodide
Concen: 51.411 ug/l
RT: 3.707 min Scan# 974
Delta R.T. 0.003 min
Lab File: VR026750.D
Acq: 21 Aug 2025 8:43

Tgt Ion:142 Resp: 1398098
Ion Ratio Lower Upper
142 100
127 39.8 31.0 46.4
141 13.7 10.9 16.3

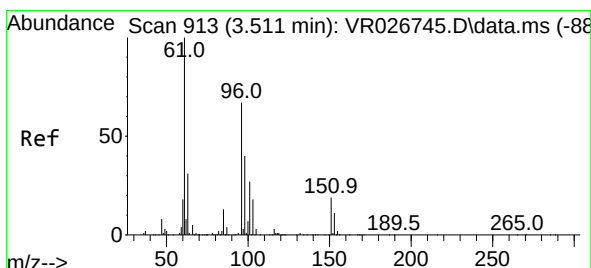
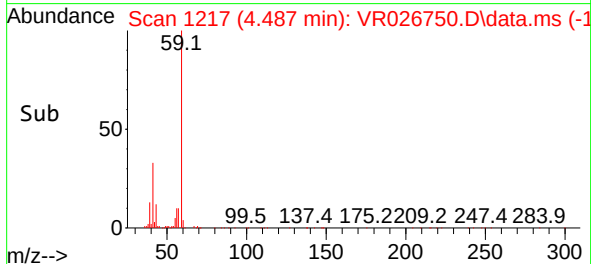
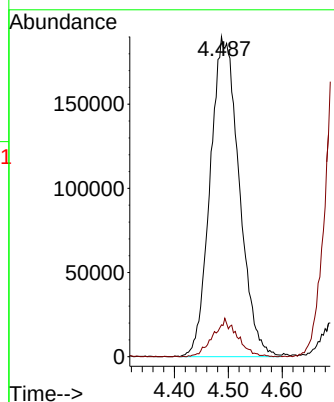
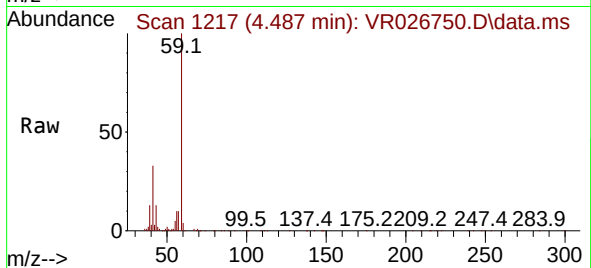




#11
Tert butyl alcohol
Concen: 173.116 ug/l
RT: 4.487 min Scan# 11
Delta R.T. -0.016 min
Lab File: VR026750.D
Acq: 21 Aug 2025 8:43

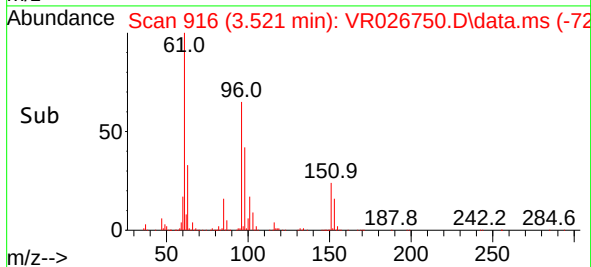
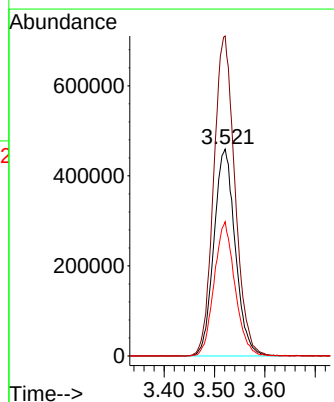
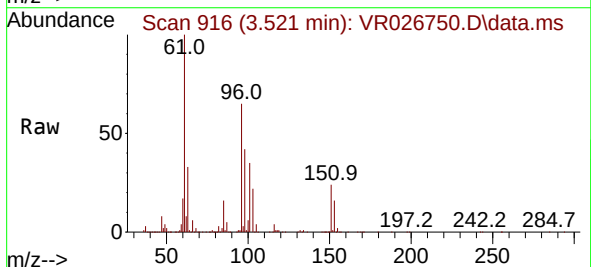
Instrument :
MSVOA_R
ClientSampleId :
VSTDCCC050

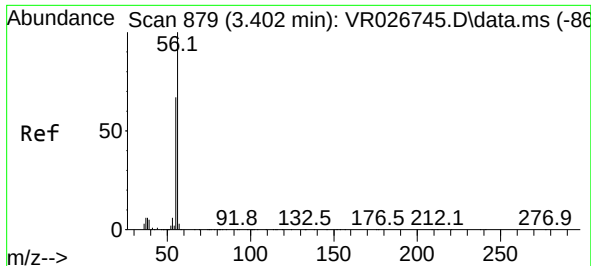
Tgt Ion: 59 Resp: 710025
Ion Ratio Lower Upper
59 100
57 9.9 3.8 5.8#



#12
1,1-Dichloroethene
Concen: 48.647 ug/l
RT: 3.521 min Scan# 916
Delta R.T. 0.010 min
Lab File: VR026750.D
Acq: 21 Aug 2025 8:43

Tgt Ion: 96 Resp: 1350801
Ion Ratio Lower Upper
96 100
61 154.7 118.7 178.1
98 64.9 47.7 71.5

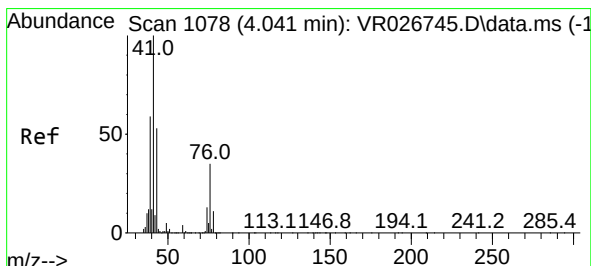
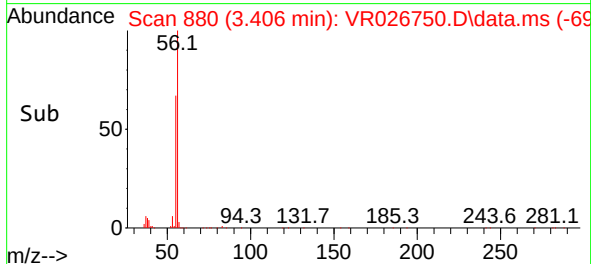
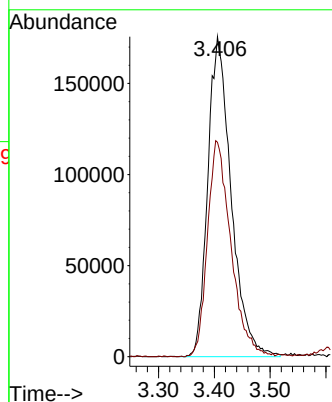
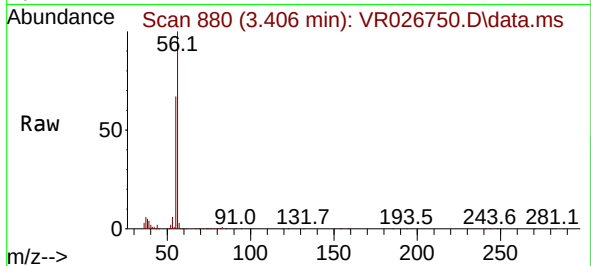




#13
Acrolein
Concen: 180.490 ug/l
RT: 3.406 min Scan# 879
Delta R.T. 0.004 min
Lab File: VR026750.D
Acq: 21 Aug 2025 8:43

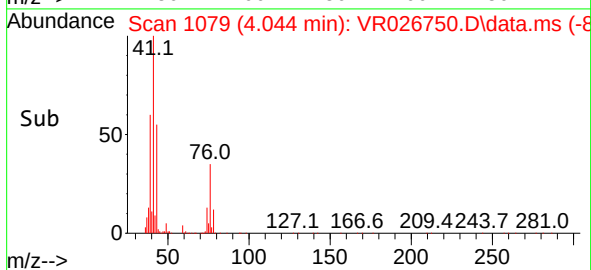
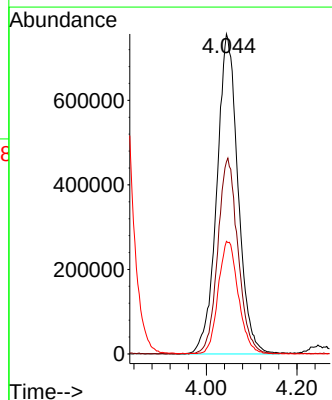
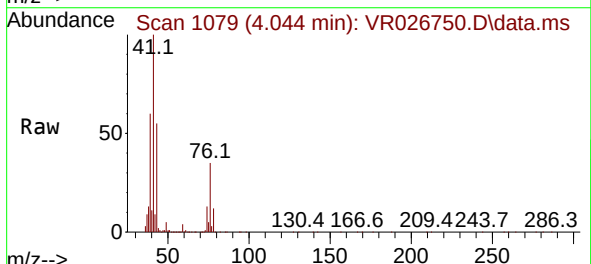
Instrument :
MSVOA_R
ClientSampleId :
VSTDCCC050

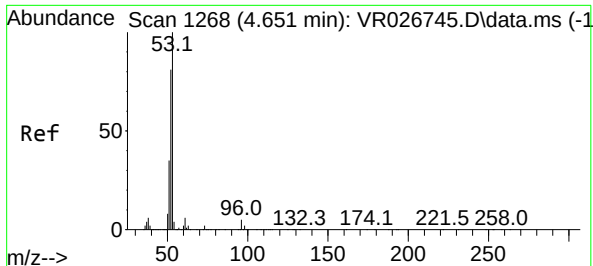
Tgt Ion: 56 Resp: 511661
Ion Ratio Lower Upper
56 100
55 67.8 56.9 85.3



#14
Allyl chloride
Concen: 48.046 ug/l
RT: 4.044 min Scan# 1079
Delta R.T. 0.003 min
Lab File: VR026750.D
Acq: 21 Aug 2025 8:43

Tgt Ion: 41 Resp: 2458585
Ion Ratio Lower Upper
41 100
39 58.4 45.8 68.6
76 33.4 26.4 39.6





#15

Acrylonitrile

Concen: 208.085 ug/l

RT: 4.648 min Scan# 11

Delta R.T. -0.003 min

Lab File: VR026750.D

Acq: 21 Aug 2025 8:43

Instrument :

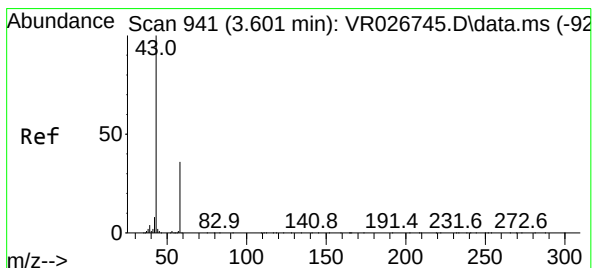
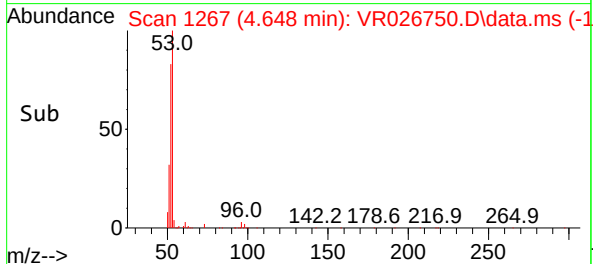
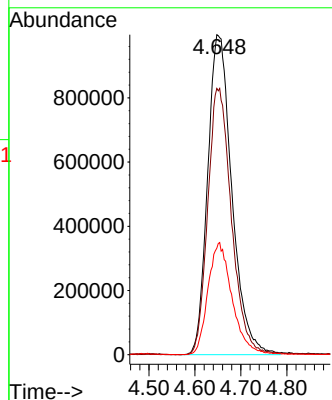
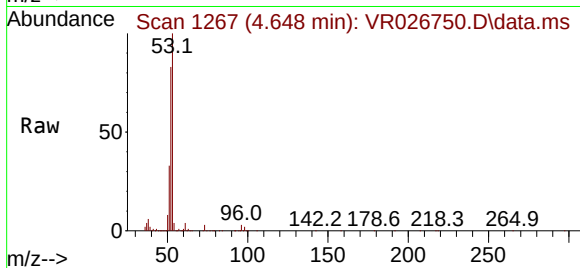
MSVOA_R

ClientSampleId :

VSTDCCC050

Tgt Ion: 53 Resp: 3650074

Ion	Ratio	Lower	Upper
53	100		
52	81.3	65.7	98.5
51	35.0	28.4	42.6



#16

Acetone

Concen: 245.326 ug/l

RT: 3.598 min Scan# 940

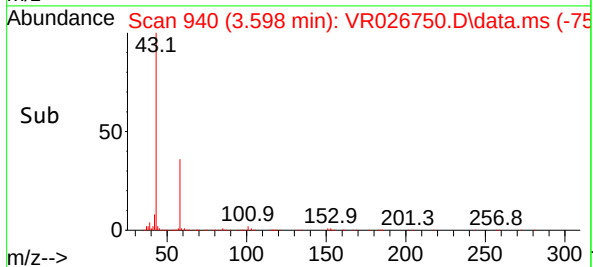
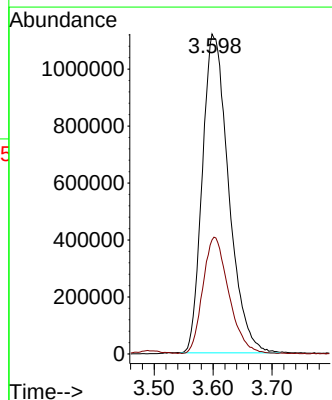
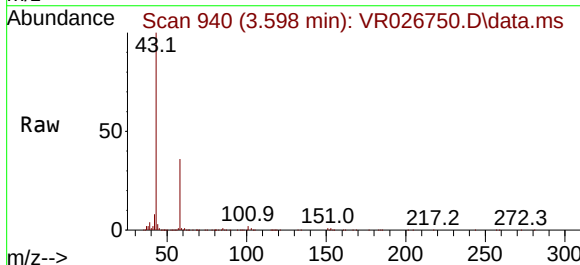
Delta R.T. -0.003 min

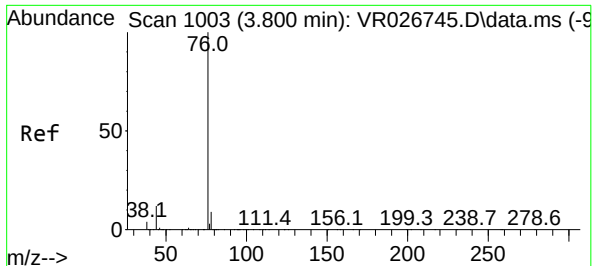
Lab File: VR026750.D

Acq: 21 Aug 2025 8:43

Tgt Ion: 43 Resp: 3464513

Ion	Ratio	Lower	Upper
43	100		
58	35.5	28.6	43.0

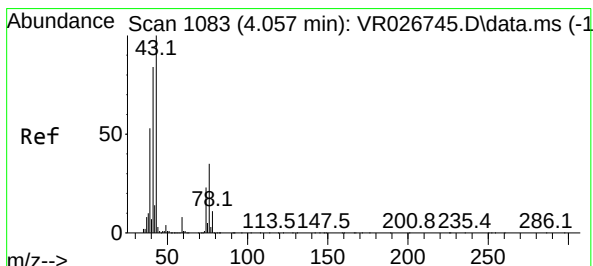
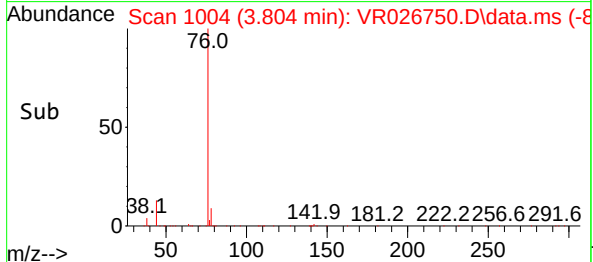
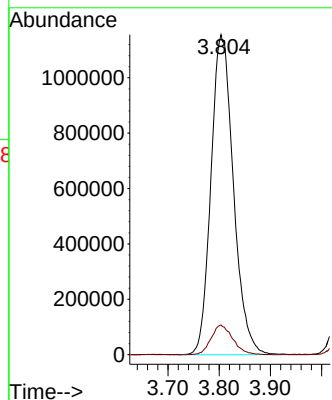
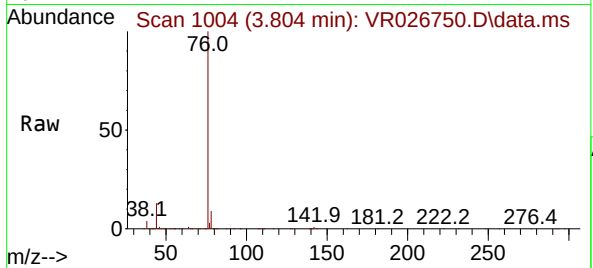




#17
Carbon Disulfide
Concen: 52.212 ug/l
RT: 3.804 min Scan# 1003
Delta R.T. 0.003 min
Lab File: VR026750.D
Acq: 21 Aug 2025 8:43

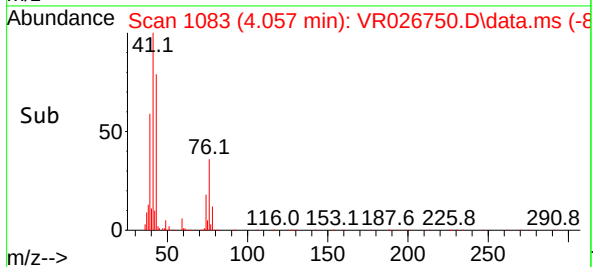
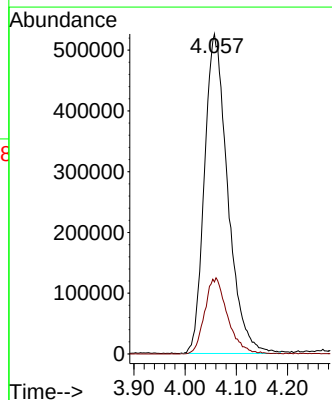
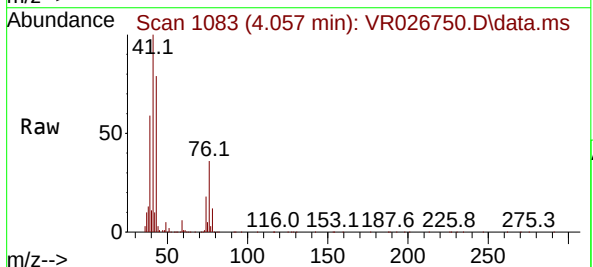
Instrument :
MSVOA_R
ClientSampleId :
VSTDCCC050

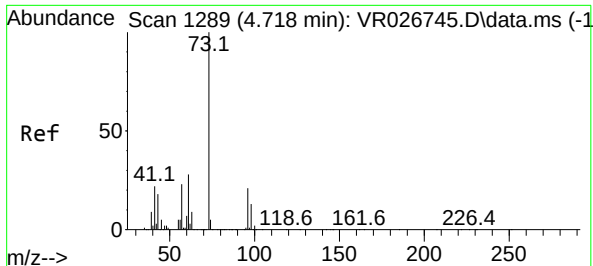
Tgt Ion: 76 Resp: 3521019
Ion Ratio Lower Upper
76 100
78 9.3 7.0 10.6



#18
Methyl Acetate
Concen: 40.543 ug/l
RT: 4.057 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VR026750.D
Acq: 21 Aug 2025 8:43

Tgt Ion: 43 Resp: 1667912
Ion Ratio Lower Upper
43 100
74 23.1 19.1 28.7





#19

Methyl tert-butyl Ether

Concen: 48.437 ug/l

RT: 4.712 min Scan# 1

Delta R.T. -0.006 min

Lab File: VR026750.D

Acq: 21 Aug 2025 8:43

Instrument :

MSVOA_R

ClientSampleId :

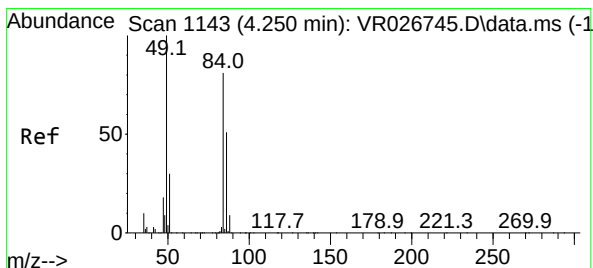
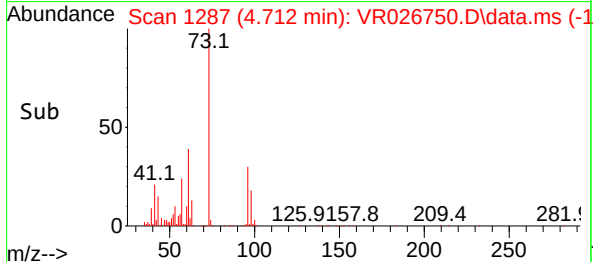
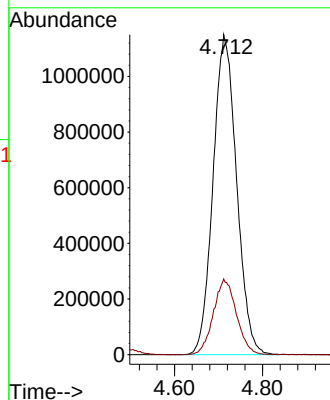
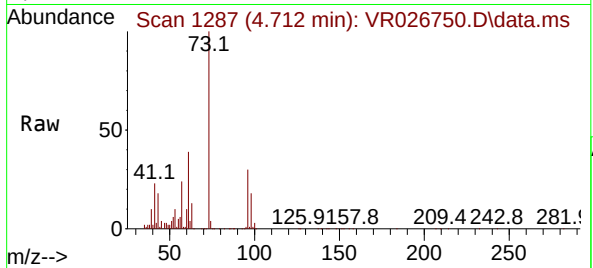
VSTDCCC050

Tgt Ion: 73 Resp: 4265758

Ion Ratio Lower Upper

73 100

57 23.6 18.2 27.2



#20

Methylene Chloride

Concen: 46.631 ug/l

RT: 4.250 min Scan# 1143

Delta R.T. 0.000 min

Lab File: VR026750.D

Acq: 21 Aug 2025 8:43

Tgt Ion: 84 Resp: 1404661

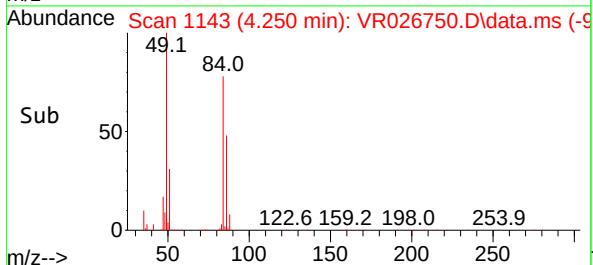
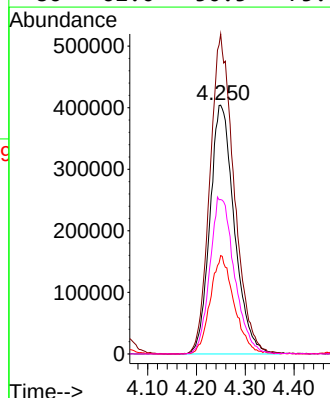
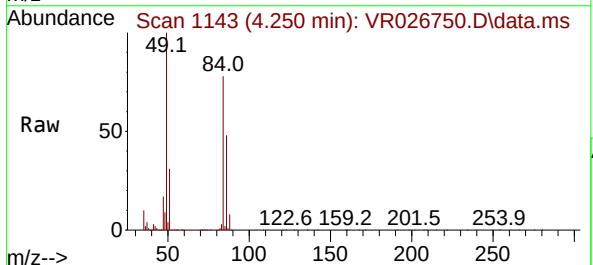
Ion Ratio Lower Upper

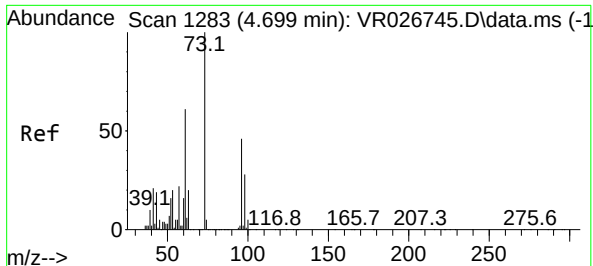
84 100

49 128.6 98.8 148.2

51 39.5 29.4 44.2

86 62.0 50.5 75.7

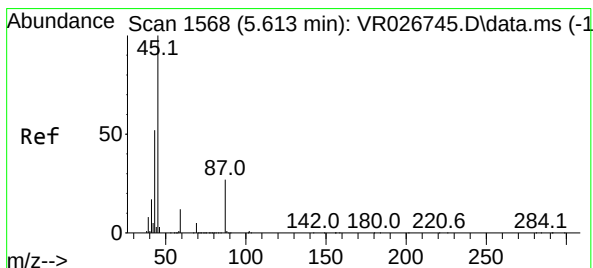
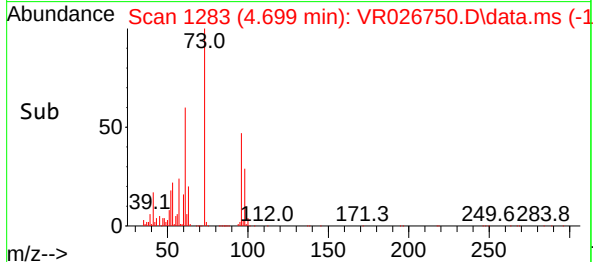
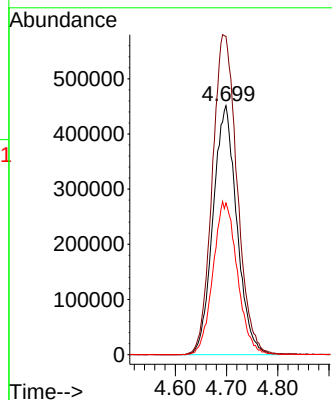
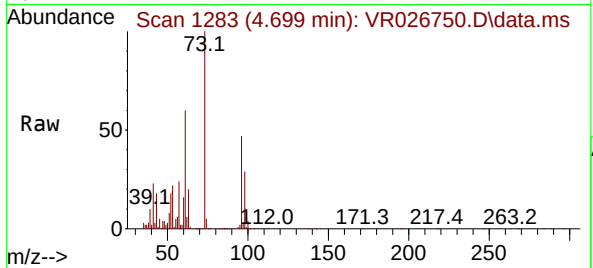




#21
trans-1,2-Dichloroethene
Concen: 50.263 ug/l
RT: 4.699 min Scan# 1283
Delta R.T. 0.000 min
Lab File: VR026750.D
Acq: 21 Aug 2025 8:43

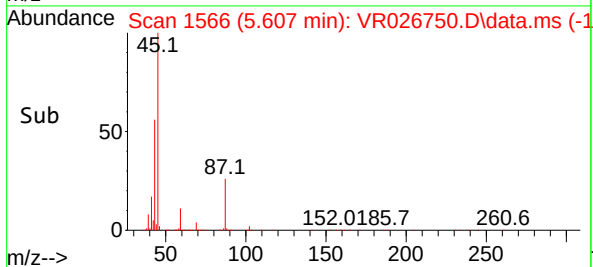
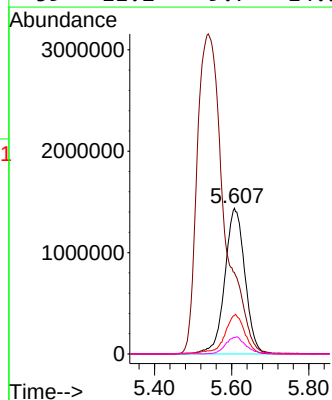
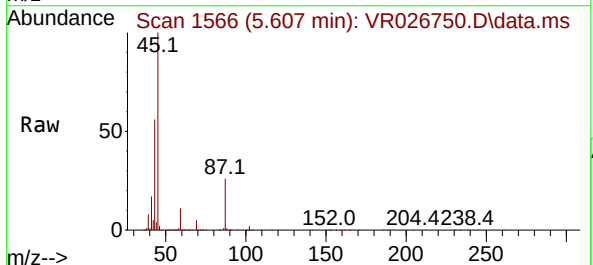
Instrument :
MSVOA_R
ClientSampleId :
VSTDCCC050

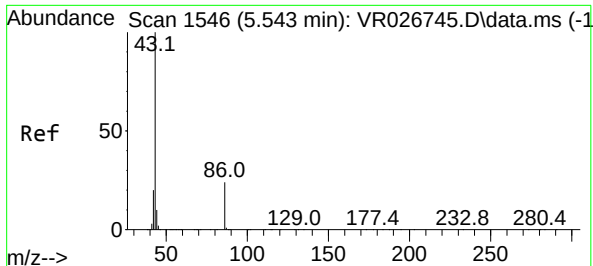
Tgt Ion: 96 Resp: 1459229
Ion Ratio Lower Upper
96 100
61 127.8 107.1 160.7
98 60.9 49.7 74.5



#22
Diisopropyl ether
Concen: 49.393 ug/l
RT: 5.607 min Scan# 1566
Delta R.T. -0.006 min
Lab File: VR026750.D
Acq: 21 Aug 2025 8:43

Tgt Ion: 45 Resp: 5199881
Ion Ratio Lower Upper
45 100
43 55.5 41.8 62.8
87 26.3 21.7 32.5
59 11.2 9.7 14.5





#23

Vinyl Acetate

Concen: 218.099 ug/l

RT: 5.540 min Scan# 1

Delta R.T. -0.003 min

Lab File: VR026750.D

Acq: 21 Aug 2025 8:43

Instrument :

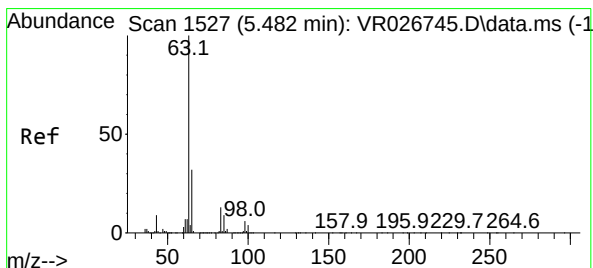
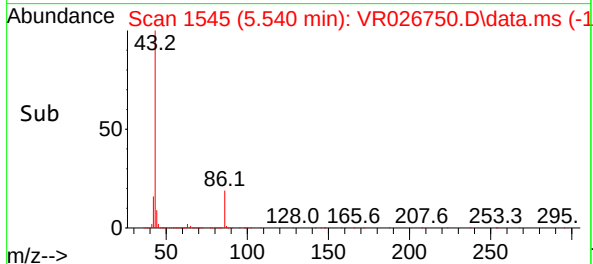
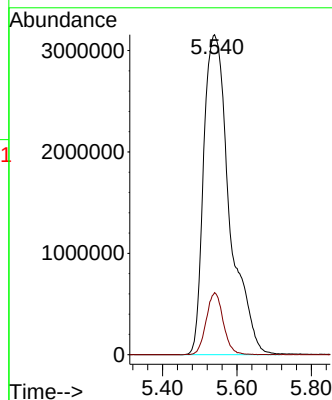
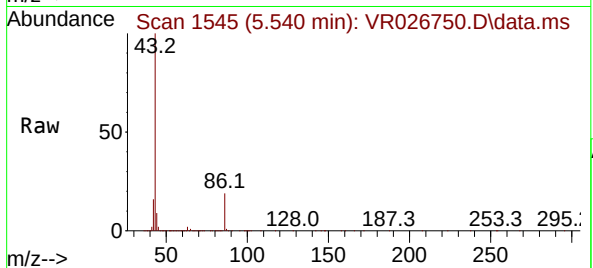
MSVOA_R

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp:15228002

Ion	Ratio	Lower	Upper
43	100		
86	19.4	18.9	28.3



#24

1,1-Dichloroethane

Concen: 48.142 ug/l

RT: 5.479 min Scan# 1526

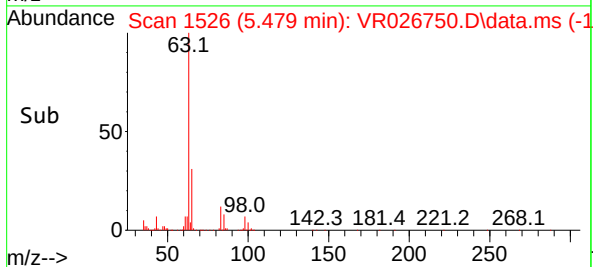
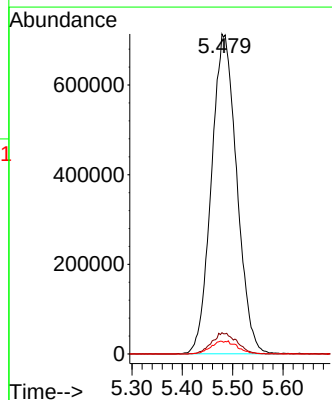
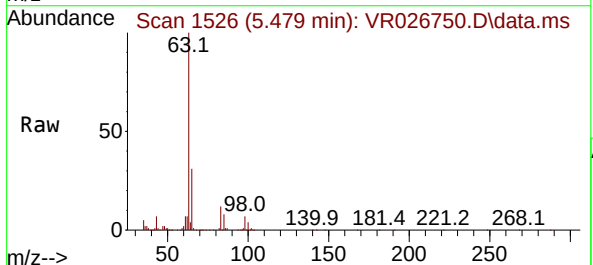
Delta R.T. -0.003 min

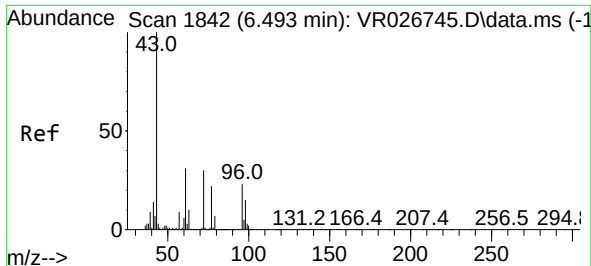
Lab File: VR026750.D

Acq: 21 Aug 2025 8:43

Tgt Ion: 63 Resp: 2494018

Ion	Ratio	Lower	Upper
63	100		
98	6.6	3.1	9.3
100	4.0	2.1	6.2





#25

2-Butanone

Concen: 218.474 ug/l

RT: 6.493 min Scan# 1842

Delta R.T. -0.000 min

Lab File: VR026750.D

Acq: 21 Aug 2025 8:43

Instrument :

MSVOA_R

ClientSampleId :

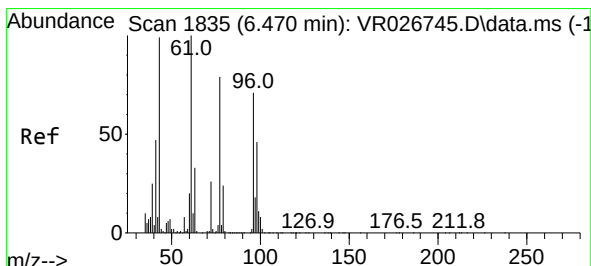
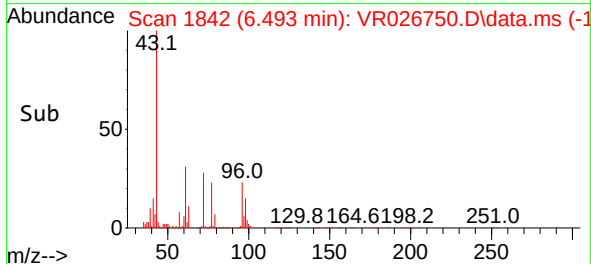
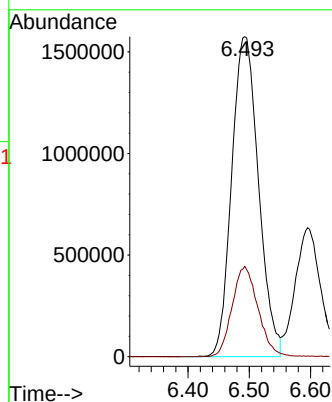
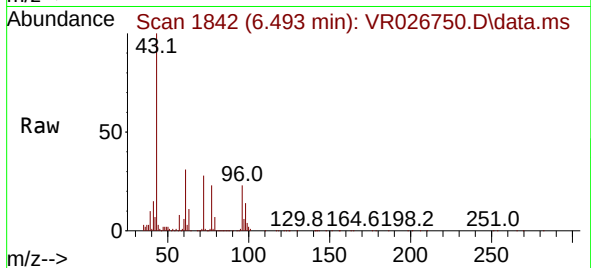
VSTDCCC050

Tgt Ion: 43 Resp: 4790388

Ion Ratio Lower Upper

43 100

72 28.3 23.8 35.8



#26

2,2-Dichloropropane

Concen: 55.675 ug/l

RT: 6.470 min Scan# 1835

Delta R.T. 0.000 min

Lab File: VR026750.D

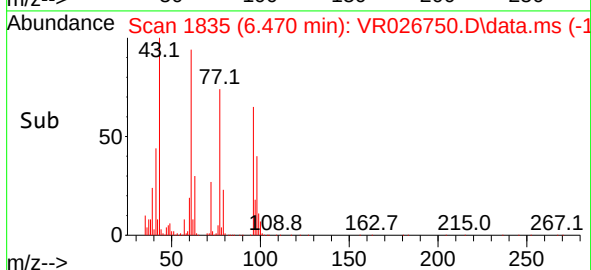
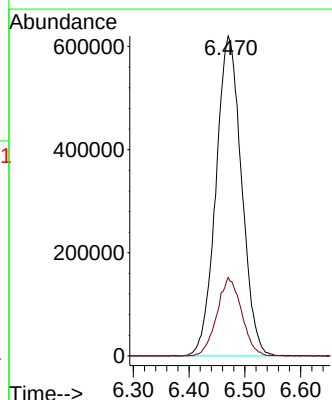
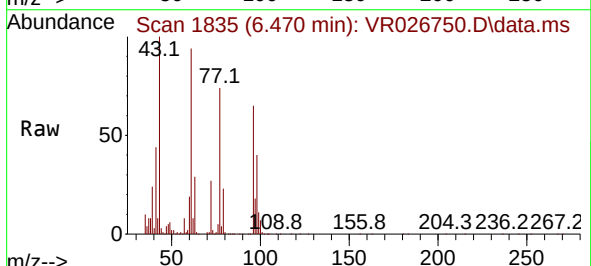
Acq: 21 Aug 2025 8:43

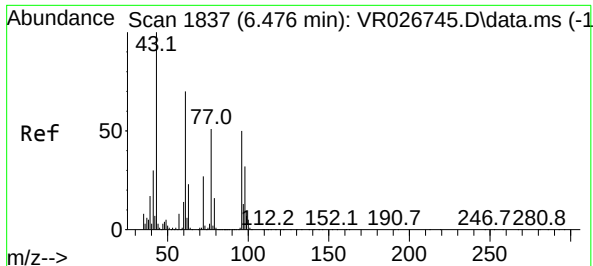
Tgt Ion: 77 Resp: 1975905

Ion Ratio Lower Upper

77 100

97 23.6 11.7 35.1





#27

cis-1,2-Dichloroethene

Concen: 51.153 ug/l

RT: 6.473 min Scan# 1

Delta R.T. -0.003 min

Lab File: VR026750.D

Acq: 21 Aug 2025 8:43

Instrument :

MSVOA_R

ClientSampleId :

VSTDCCC050

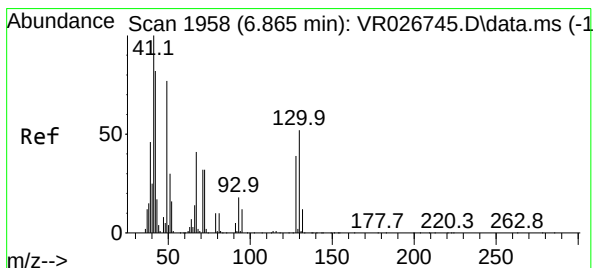
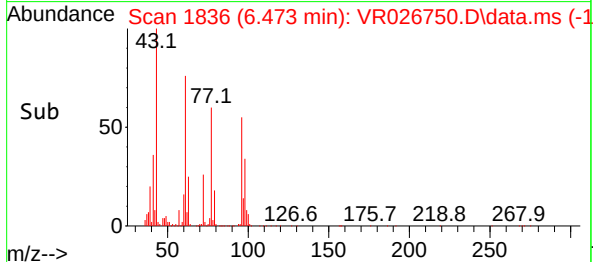
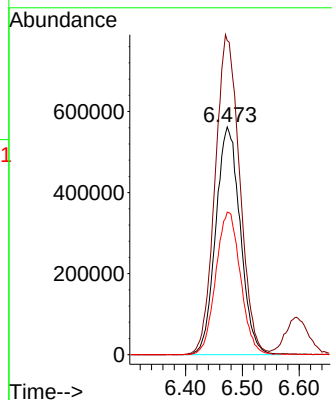
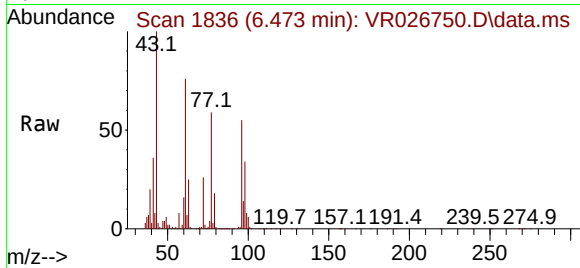
Tgt Ion: 96 Resp: 1680827

Ion Ratio Lower Upper

96 100

61 141.1 0.0 280.6

98 63.1 0.0 127.6



#28

Bromochloromethane

Concen: 46.371 ug/l

RT: 6.862 min Scan# 1957

Delta R.T. -0.003 min

Lab File: VR026750.D

Acq: 21 Aug 2025 8:43

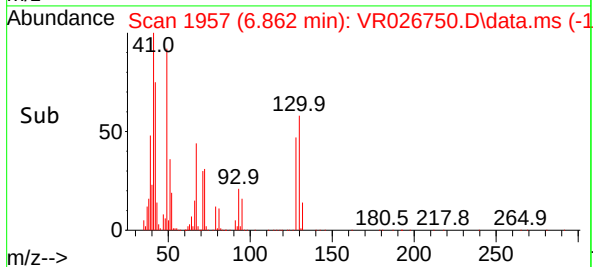
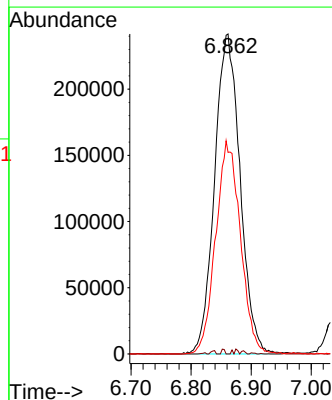
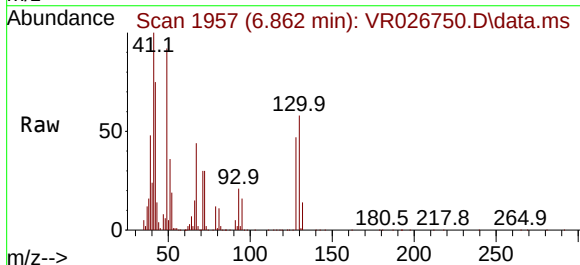
Tgt Ion: 49 Resp: 710974

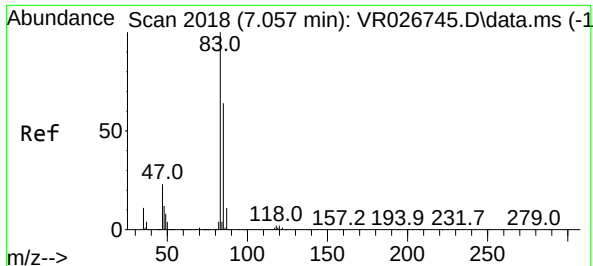
Ion Ratio Lower Upper

49 100

129 0.2 0.0 1.6

130 64.6 53.4 80.2





#29

Chloroform

Concen: 49.892 ug/l

RT: 7.057 min Scan# 2018

Delta R.T. 0.000 min

Lab File: VR026750.D

Acq: 21 Aug 2025 8:43

Instrument :

MSVOA_R

ClientSampleId :

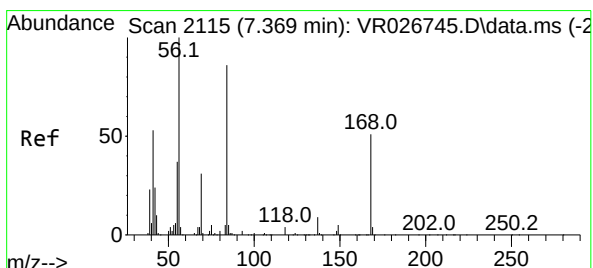
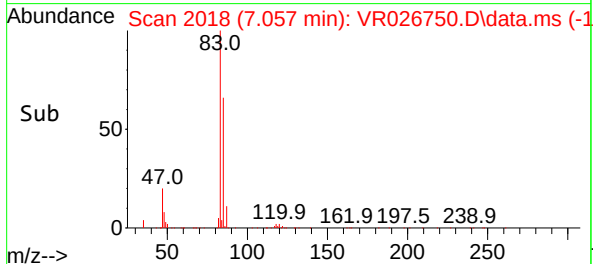
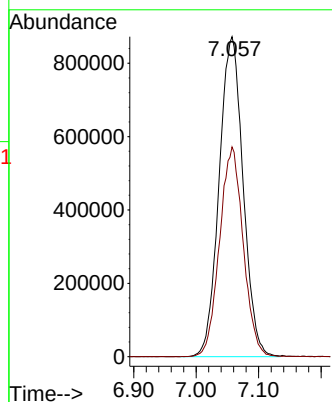
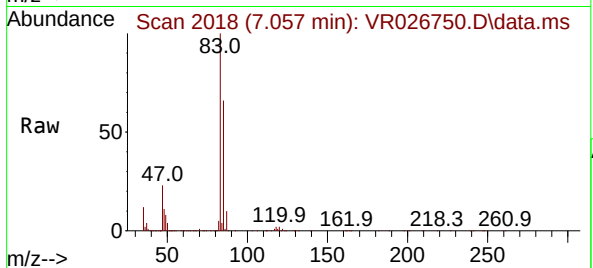
VSTDCCC050

Tgt Ion: 83 Resp: 2322264

Ion Ratio Lower Upper

83 100

85 65.5 51.5 77.3



#30

Cyclohexane

Concen: 48.607 ug/l

RT: 7.372 min Scan# 2116

Delta R.T. 0.003 min

Lab File: VR026750.D

Acq: 21 Aug 2025 8:43

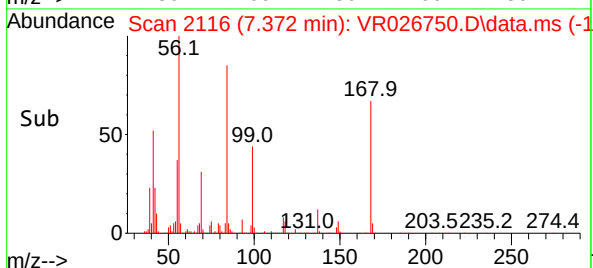
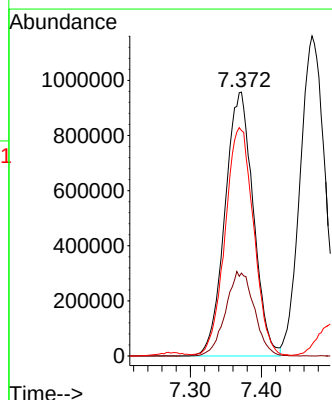
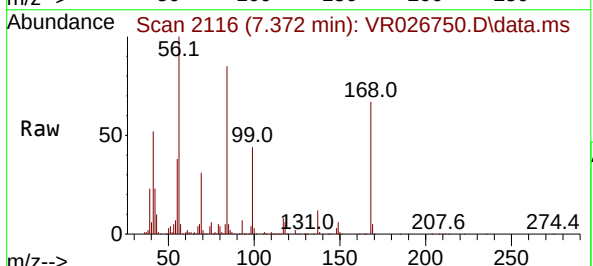
Tgt Ion: 56 Resp: 2655505

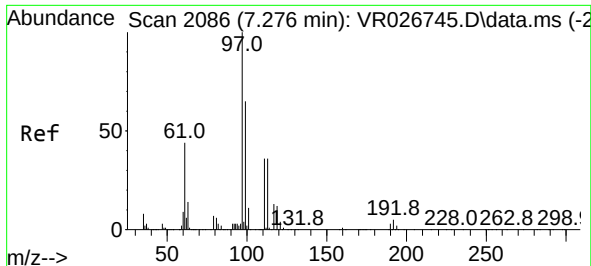
Ion Ratio Lower Upper

56 100

69 31.4 24.6 37.0

84 84.6 68.7 103.1





#31

1,1,1-Trichloroethane

Concen: 51.820 ug/l

RT: 7.272 min Scan# 2086

Delta R.T. -0.003 min

Lab File: VR026750.D

Acq: 21 Aug 2025 8:43

Instrument :

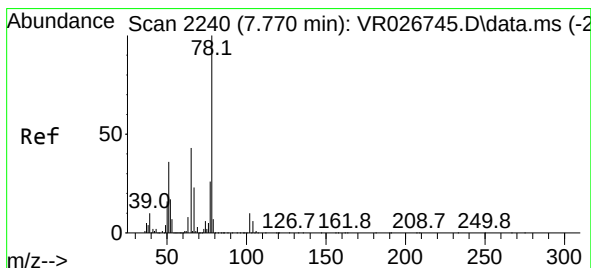
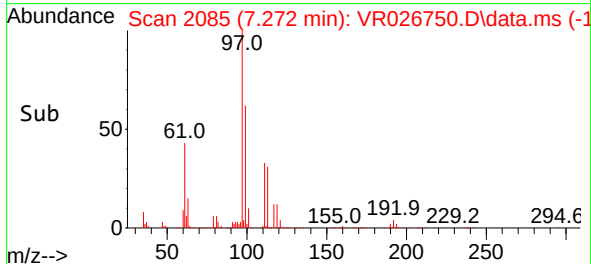
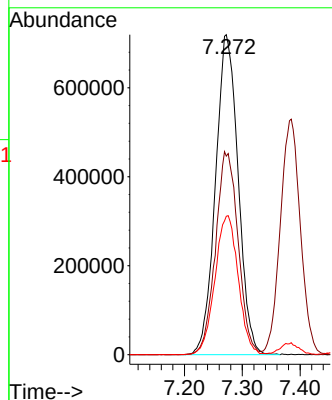
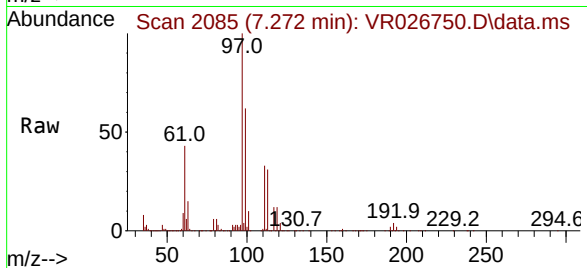
MSVOA_R

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 1958559

Ion	Ratio	Lower	Upper
97	100		
99	63.3	51.0	76.4
61	44.8	35.0	52.4



#32

1,2-Dichloroethane-d4

Concen: 49.370 ug/l

RT: 7.767 min Scan# 2239

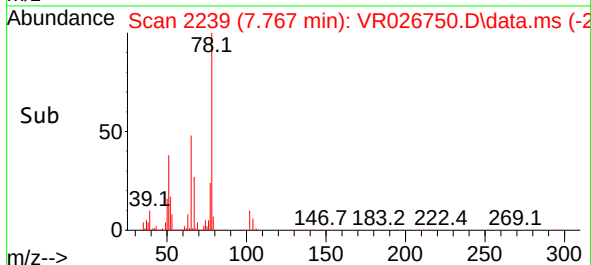
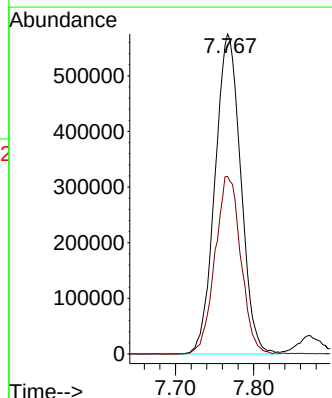
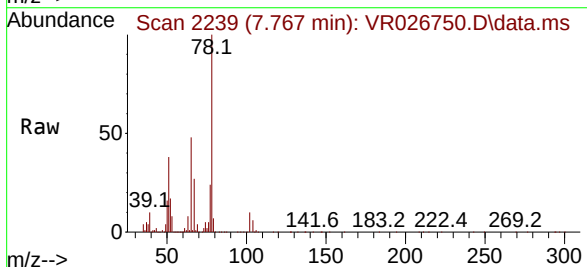
Delta R.T. -0.003 min

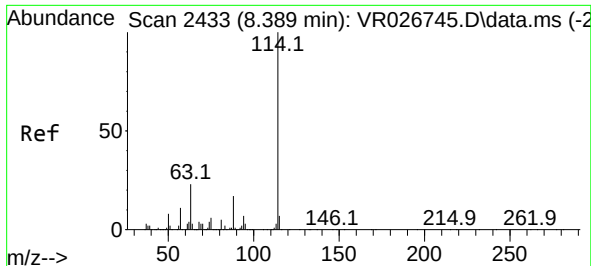
Lab File: VR026750.D

Acq: 21 Aug 2025 8:43

Tgt Ion: 65 Resp: 1317153

Ion	Ratio	Lower	Upper
65	100		
67	55.7	0.0	111.4





#33

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.386 min Scan# 2433

Delta R.T. -0.003 min

Lab File: VR026750.D

Acq: 21 Aug 2025 8:43

Instrument :

MSVOA_R

ClientSampleId :

VSTDCCC050

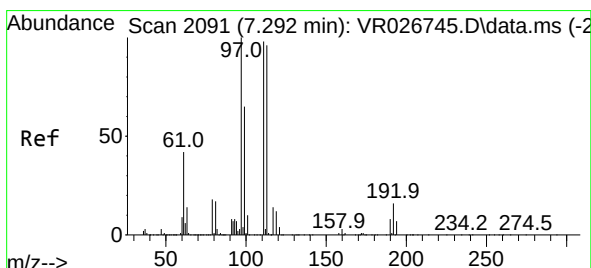
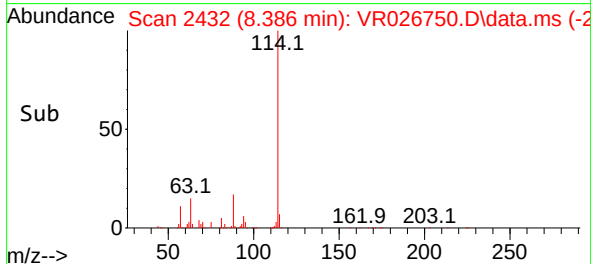
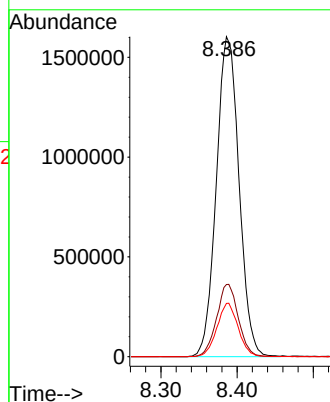
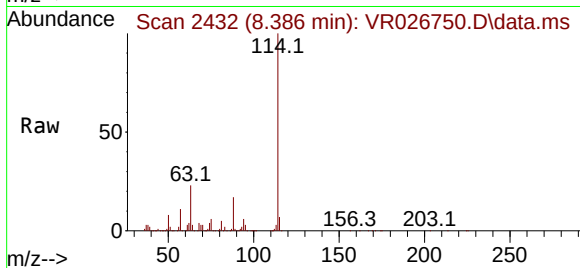
Tgt Ion:114 Resp: 3320499

Ion Ratio Lower Upper

114 100

63 22.6 0.0 45.8

88 16.6 0.0 34.8



#34

Dibromofluoromethane

Concen: 50.733 ug/l

RT: 7.292 min Scan# 2091

Delta R.T. 0.000 min

Lab File: VR026750.D

Acq: 21 Aug 2025 8:43

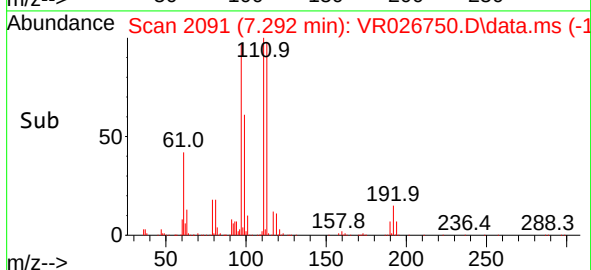
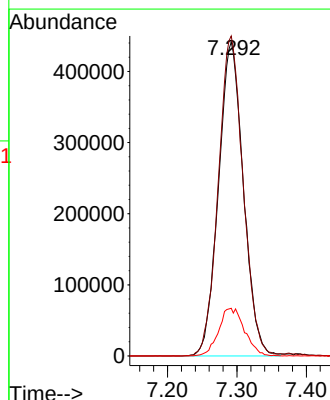
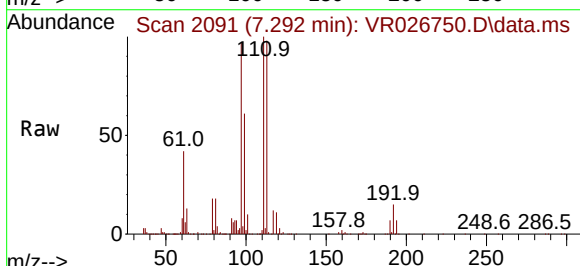
Tgt Ion:113 Resp: 1098709

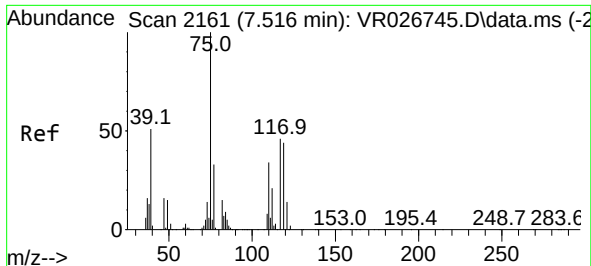
Ion Ratio Lower Upper

113 100

111 101.8 82.8 124.2

192 15.8 12.9 19.3

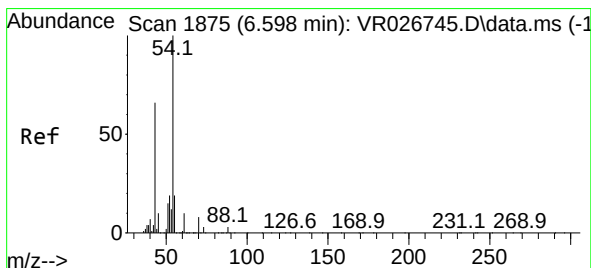
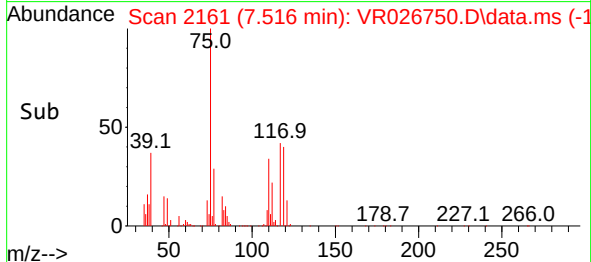
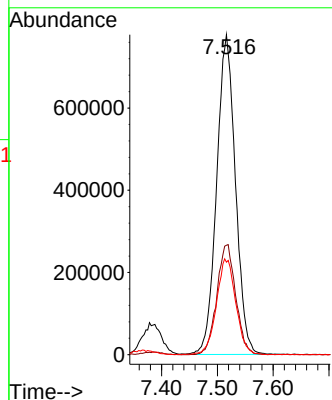
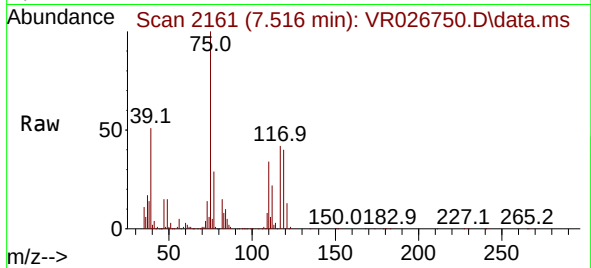




#35
1,1-Dichloropropene
Concen: 53.915 ug/l
RT: 7.516 min Scan# 2161
Delta R.T. 0.000 min
Lab File: VR026750.D
Acq: 21 Aug 2025 8:43

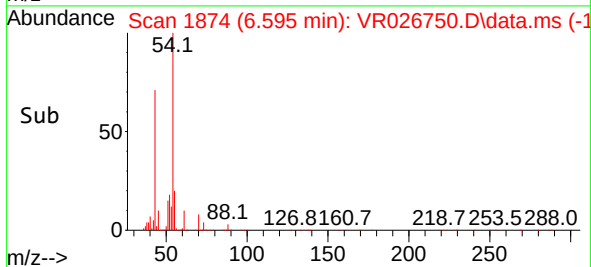
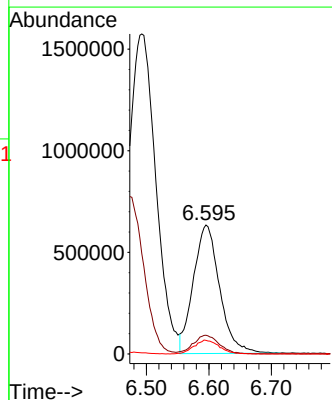
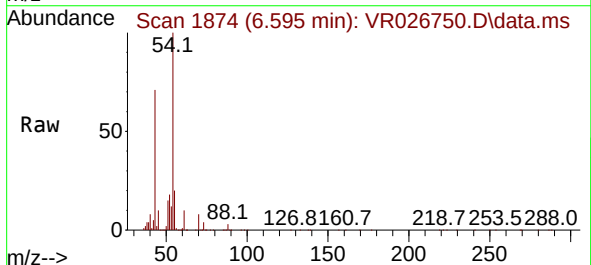
Instrument :
MSVOA_R
ClientSampleId :
VSTDCCC050

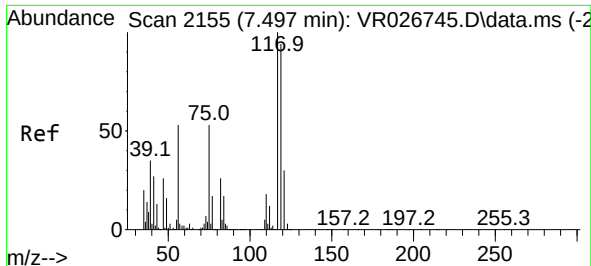
Tgt Ion: 75 Resp: 1818345
Ion Ratio Lower Upper
75 100
110 34.8 17.3 52.0
77 30.9 25.1 37.7



#36
Ethyl Acetate
Concen: 42.850 ug/l
RT: 6.595 min Scan# 1874
Delta R.T. -0.003 min
Lab File: VR026750.D
Acq: 21 Aug 2025 8:43

Tgt Ion: 43 Resp: 1848792
Ion Ratio Lower Upper
43 100
61 14.1 11.4 17.2
70 10.2 8.4 12.6

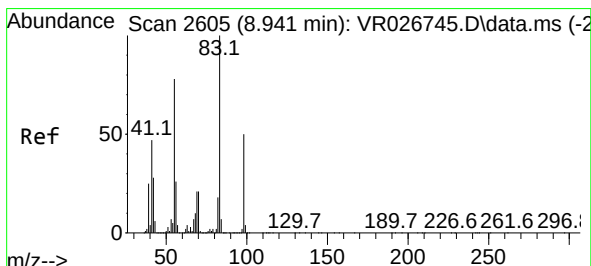
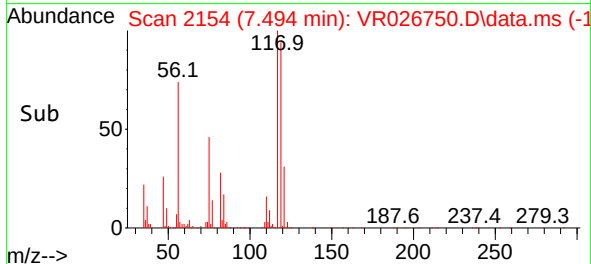
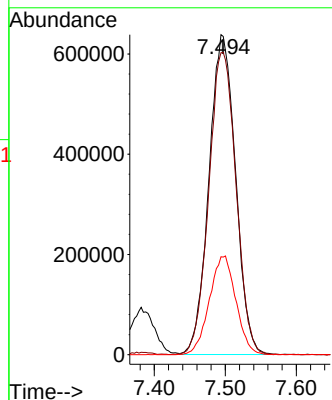
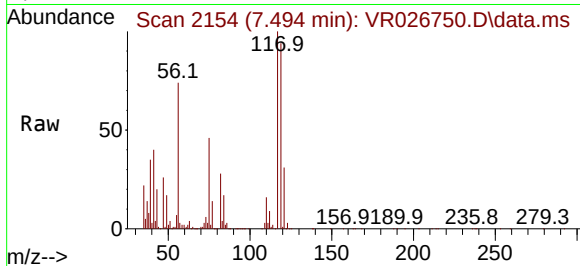




#37
Carbon Tetrachloride
Concen: 54.604 ug/l
RT: 7.494 min Scan# 2154
Delta R.T. -0.003 min
Lab File: VR026750.D
Acq: 21 Aug 2025 8:43

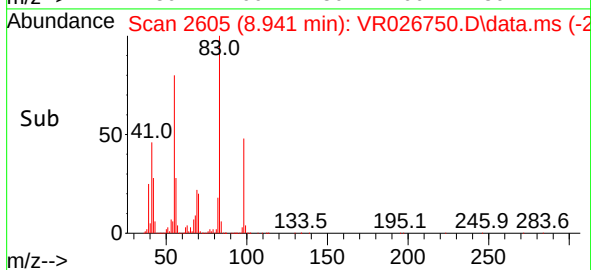
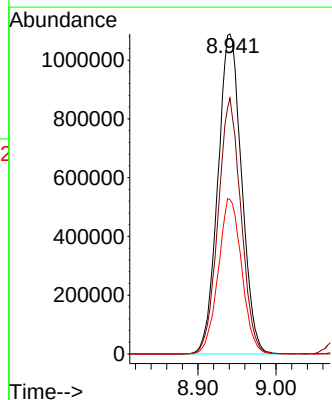
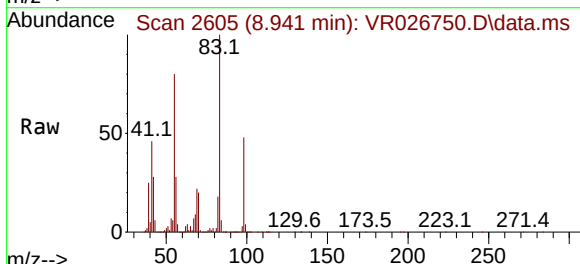
Instrument :
MSVOA_R
ClientSampleId :
VSTDCCC050

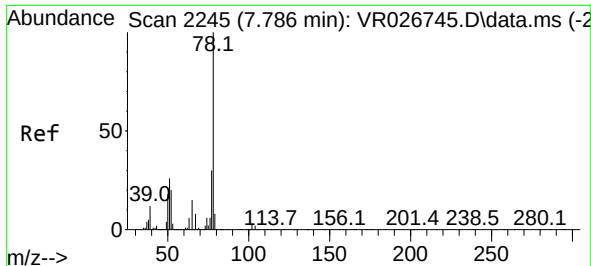
Tgt Ion:117 Resp: 1657193
Ion Ratio Lower Upper
117 100
119 94.3 75.1 112.7
121 30.6 24.2 36.2



#38
Methylcyclohexane
Concen: 54.617 ug/l
RT: 8.941 min Scan# 2605
Delta R.T. 0.000 min
Lab File: VR026750.D
Acq: 21 Aug 2025 8:43

Tgt Ion: 83 Resp: 2305003
Ion Ratio Lower Upper
83 100
55 80.0 62.6 94.0
98 48.2 39.9 59.9

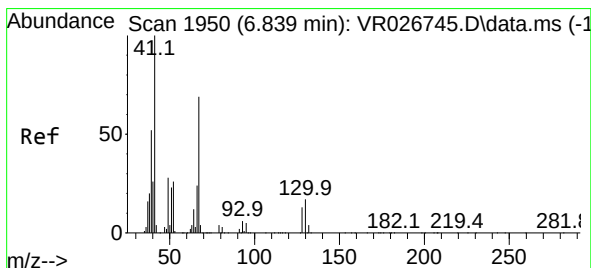
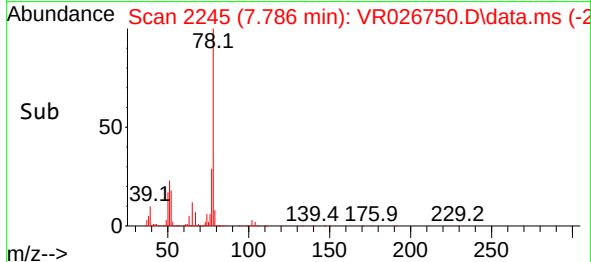
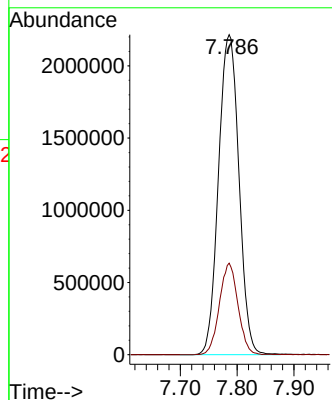
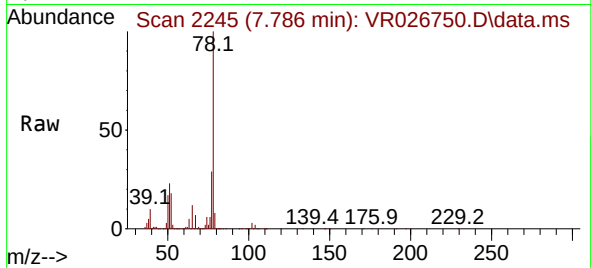




#39
Benzene
Concen: 53.368 ug/l
RT: 7.786 min Scan# 21
Delta R.T. 0.000 min
Lab File: VR026750.D
Acq: 21 Aug 2025 8:43

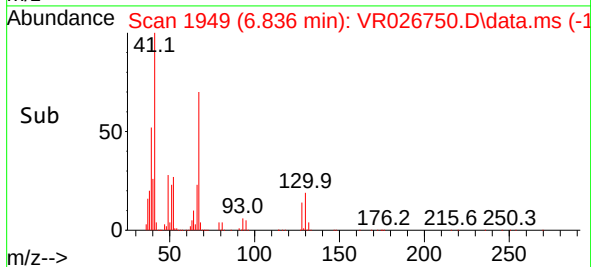
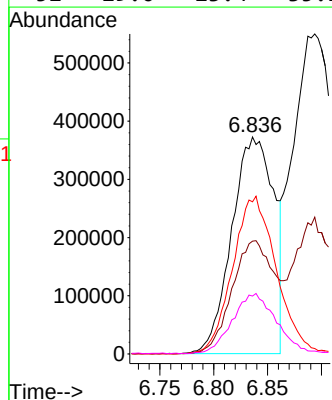
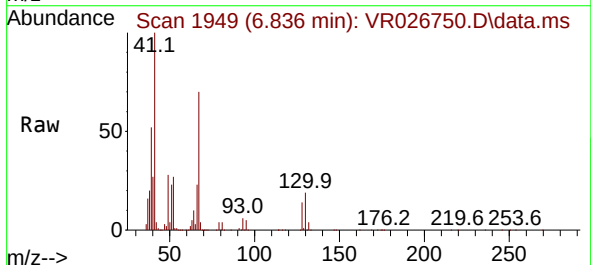
Instrument :
MSVOA_R
ClientSampleId :
VSTDCCC050

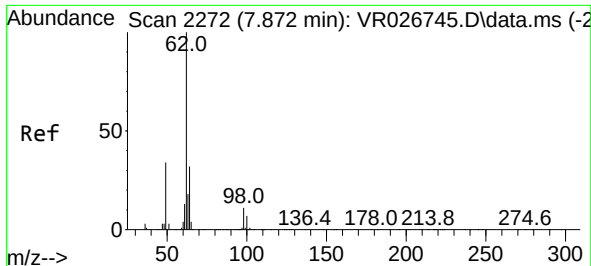
Tgt Ion: 78 Resp: 5525528
Ion Ratio Lower Upper
78 100
77 28.6 24.3 36.5



#40
Methacrylonitrile
Concen: 45.102 ug/l
RT: 6.836 min Scan# 1949
Delta R.T. -0.003 min
Lab File: VR026750.D
Acq: 21 Aug 2025 8:43

Tgt Ion: 41 Resp: 1014944
Ion Ratio Lower Upper
41 100
39 51.0 43.0 64.4
67 75.6 62.6 94.0
52 29.0 23.4 35.2





#41

1,2-Dichloroethane

Concen: 50.620 ug/l

RT: 7.872 min Scan# 21

Delta R.T. 0.000 min

Lab File: VR026750.D

Acq: 21 Aug 2025 8:43

Instrument :

MSVOA_R

ClientSampleId :

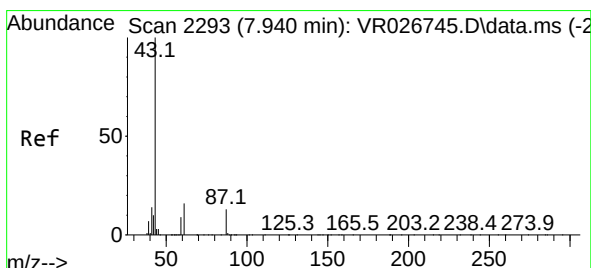
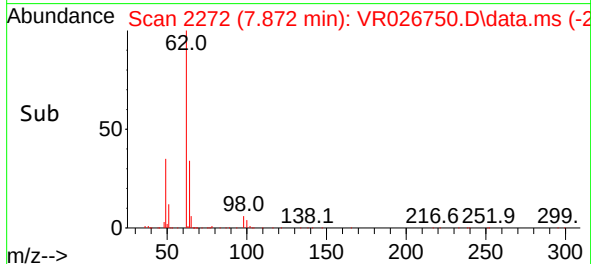
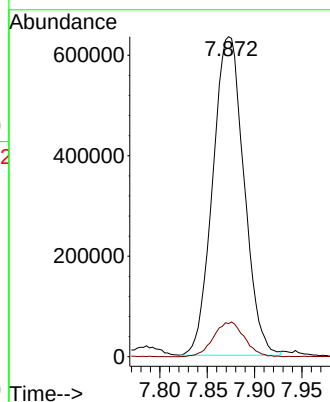
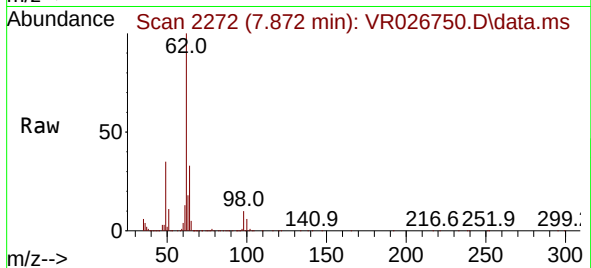
VSTDCCC050

Tgt Ion: 62 Resp: 1453205

Ion Ratio Lower Upper

62 100

98 10.8 0.0 21.2



#42

Isopropyl Acetate

Concen: 48.001 ug/l

RT: 7.937 min Scan# 2292

Delta R.T. -0.003 min

Lab File: VR026750.D

Acq: 21 Aug 2025 8:43

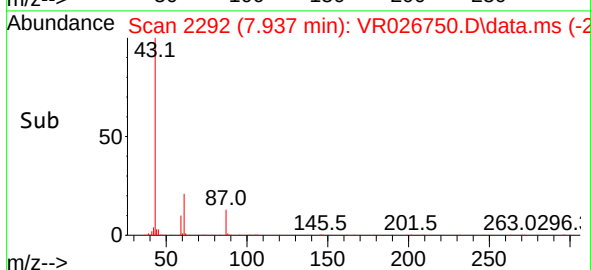
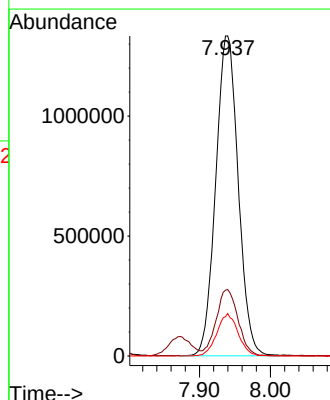
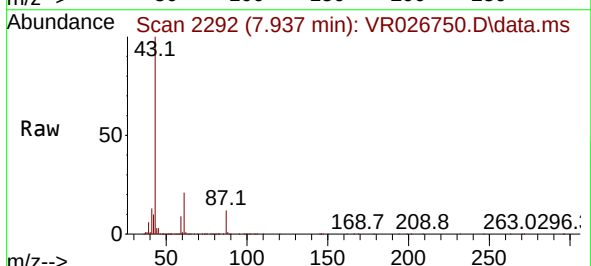
Tgt Ion: 43 Resp: 2936152

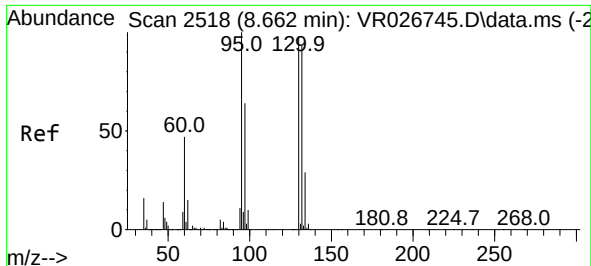
Ion Ratio Lower Upper

43 100

61 20.3 16.8 25.2

87 12.5 10.2 15.4

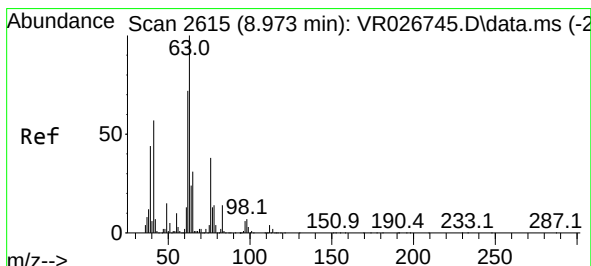
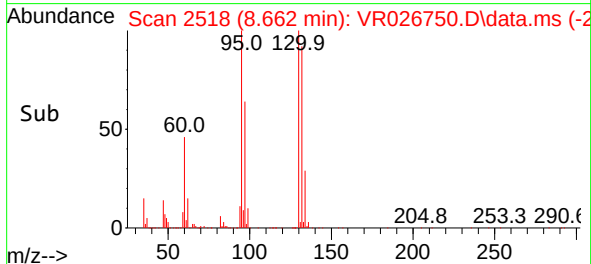
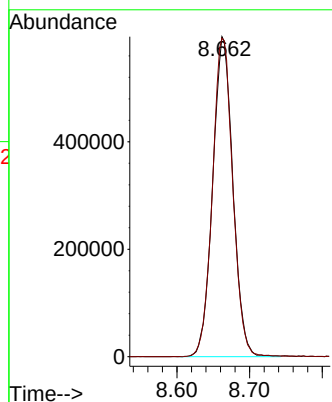
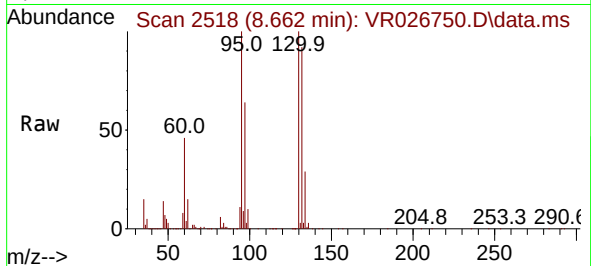




#43
Trichloroethene
Concen: 50.839 ug/l
RT: 8.662 min Scan# 2518
Delta R.T. 0.000 min
Lab File: VR026750.D
Acq: 21 Aug 2025 8:43

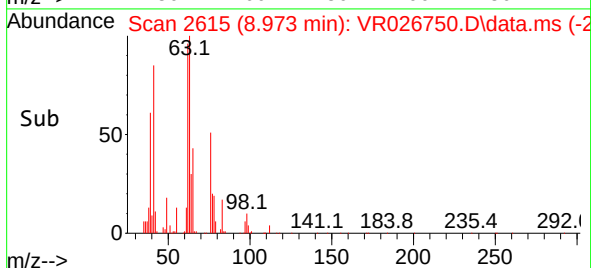
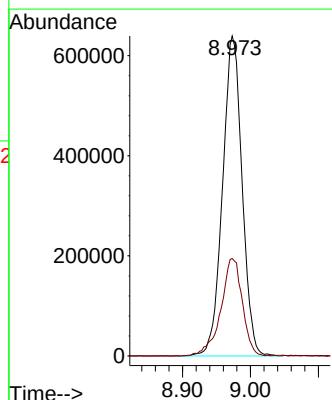
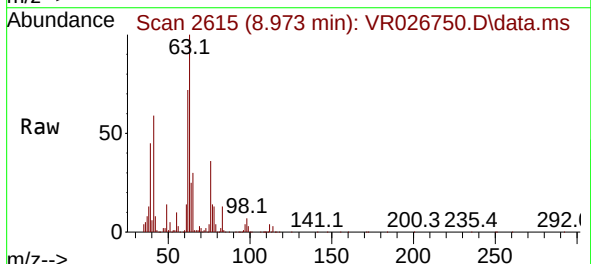
Instrument :
MSVOA_R
ClientSampleId :
VSTDCCC050

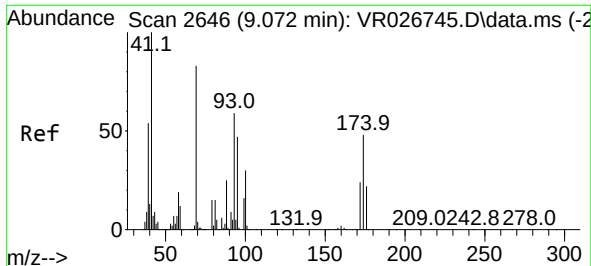
Tgt Ion:130 Resp: 1148365
Ion Ratio Lower Upper
130 100
95 99.5 0.0 203.4



#44
1,2-Dichloropropane
Concen: 51.580 ug/l
RT: 8.973 min Scan# 2615
Delta R.T. 0.000 min
Lab File: VR026750.D
Acq: 21 Aug 2025 8:43

Tgt Ion: 63 Resp: 1278491
Ion Ratio Lower Upper
63 100
65 30.5 24.8 37.2

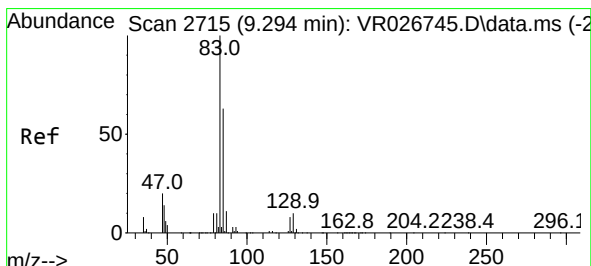
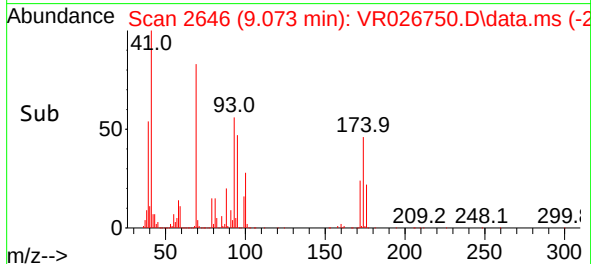
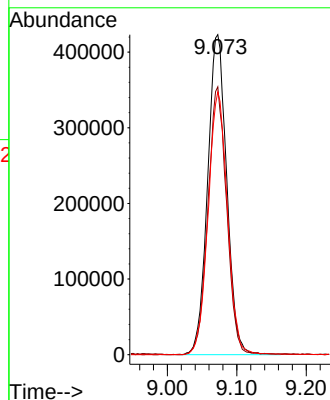
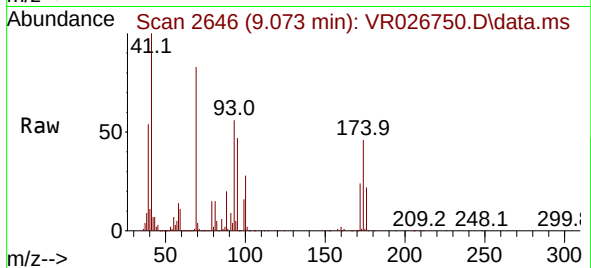




#45
Dibromomethane
Concen: 51.248 ug/l
RT: 9.073 min Scan# 2646
Delta R.T. 0.001 min
Lab File: VR026750.D
Acq: 21 Aug 2025 8:43

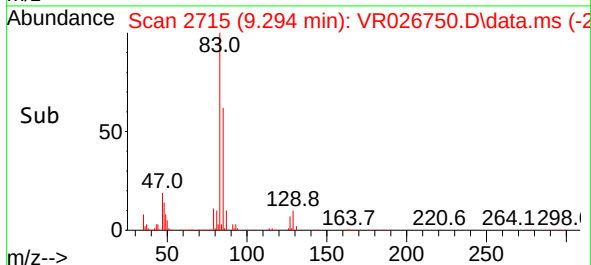
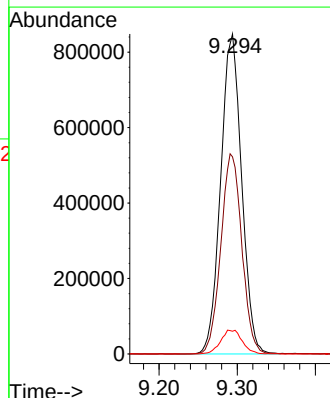
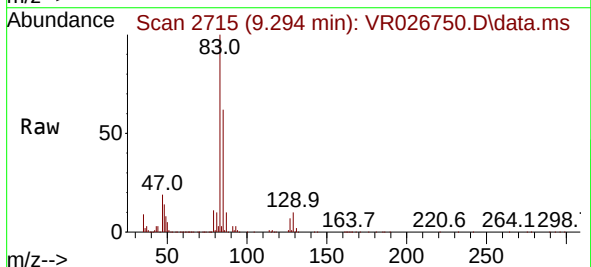
Instrument :
MSVOA_R
ClientSampleId :
VSTDCCC050

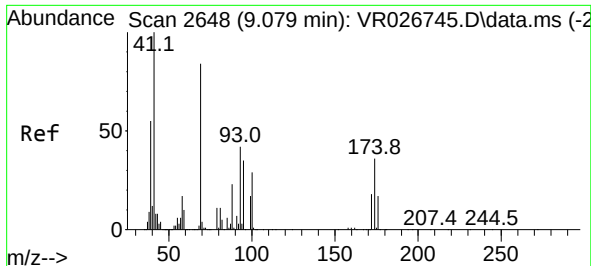
Tgt Ion: 93 Resp: 806951
Ion Ratio Lower Upper
93 100
95 82.2 65.4 98.0
174 83.0 66.5 99.7



#46
Bromodichloromethane
Concen: 53.932 ug/l
RT: 9.294 min Scan# 2715
Delta R.T. 0.000 min
Lab File: VR026750.D
Acq: 21 Aug 2025 8:43

Tgt Ion: 83 Resp: 1580709
Ion Ratio Lower Upper
83 100
85 61.6 50.8 76.2
127 7.1 6.0 9.0

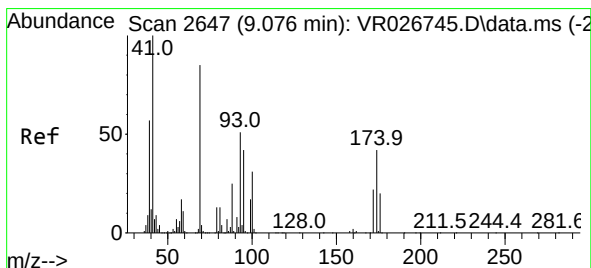
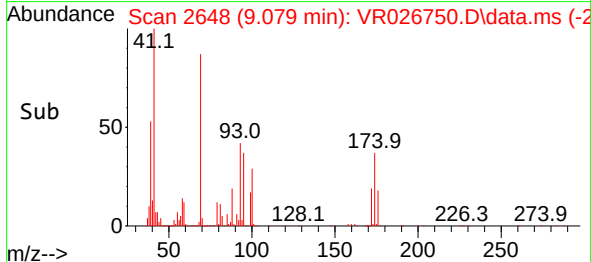
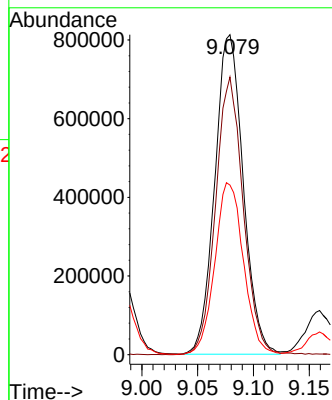
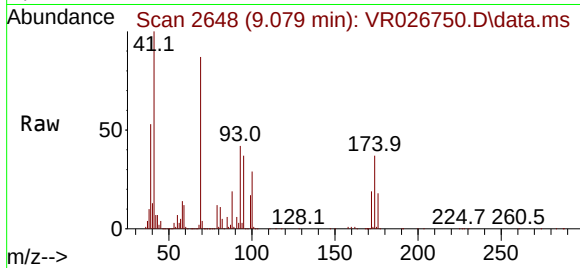




#47
Methyl methacrylate
Concen: 48.269 ug/l
RT: 9.079 min Scan# 2648
Delta R.T. -0.000 min
Lab File: VR026750.D
Acq: 21 Aug 2025 8:43

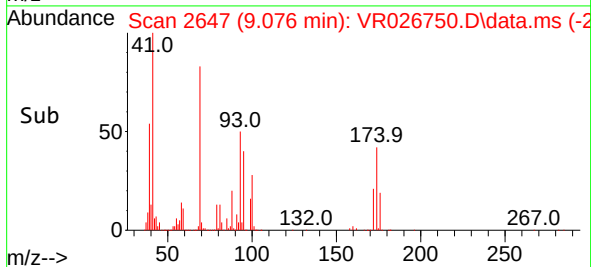
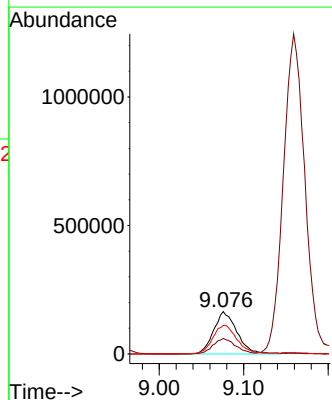
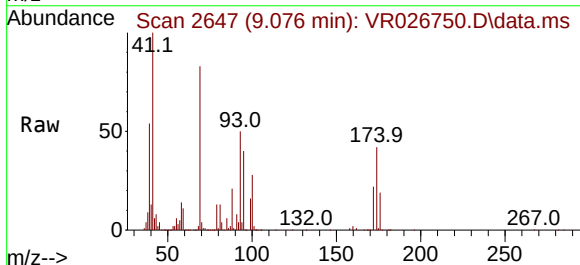
Instrument :
MSVOA_R
ClientSampleId :
VSTDCCC050

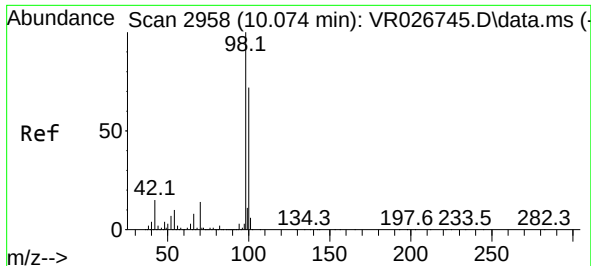
Tgt Ion: 41 Resp: 1441102
Ion Ratio Lower Upper
41 100
69 84.7 66.5 99.7
39 54.0 43.3 64.9



#48
1,4-Dioxane
Concen: 824.473 ug/l
RT: 9.076 min Scan# 2647
Delta R.T. -0.000 min
Lab File: VR026750.D
Acq: 21 Aug 2025 8:43

Tgt Ion: 88 Resp: 316213
Ion Ratio Lower Upper
88 100
43 35.4 27.1 40.7
58 69.8 55.9 83.9

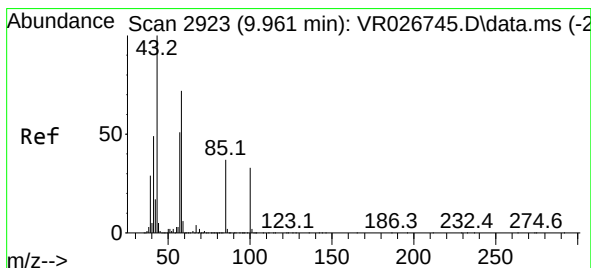
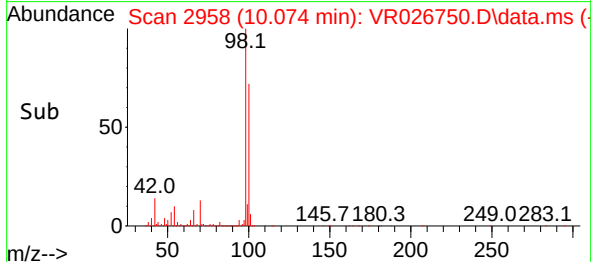
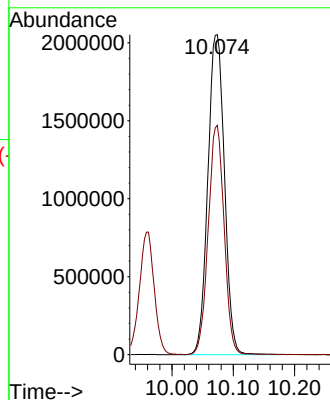
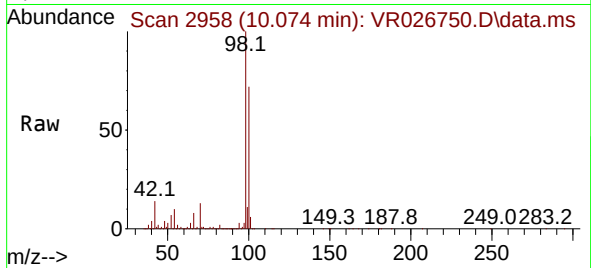




#49
Toluene-d8
Concen: 53.247 ug/l
RT: 10.074 min Scan# 2958
Delta R.T. -0.000 min
Lab File: VR026750.D
Acq: 21 Aug 2025 8:43

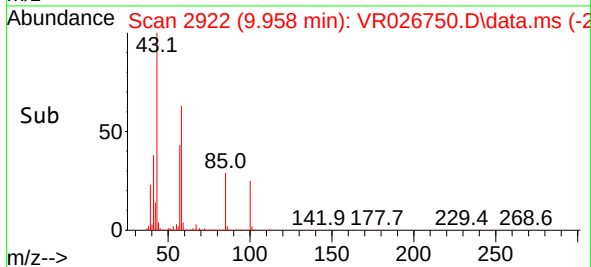
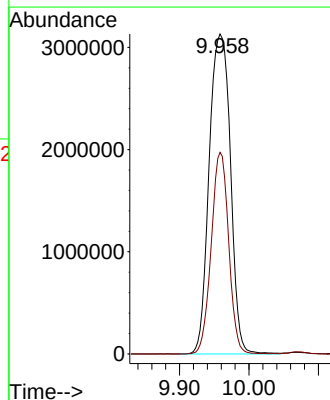
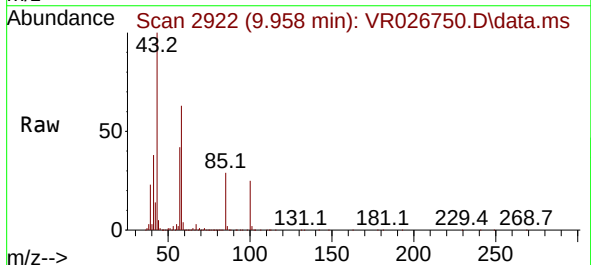
Instrument : MSVOA_R
ClientSampleId : VSTDCCC050

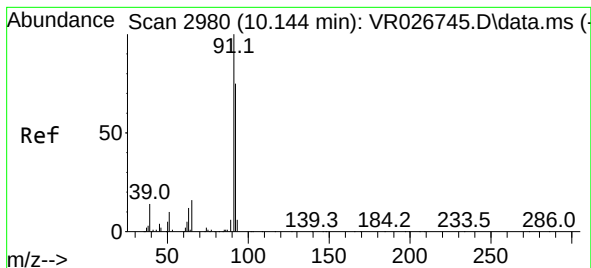
Tgt Ion: 98 Resp: 3865880
Ion Ratio Lower Upper
98 100
100 68.2 55.7 83.5



#50
4-Methyl-2-Pentanone
Concen: 220.182 ug/l
RT: 9.958 min Scan# 2922
Delta R.T. -0.003 min
Lab File: VR026750.D
Acq: 21 Aug 2025 8:43

Tgt Ion: 43 Resp: 6658500
Ion Ratio Lower Upper
43 100
58 51.7 46.8 70.2





#51

Toluene

Concen: 54.114 ug/l

RT: 10.144 min Scan# 2980

Delta R.T. 0.000 min

Lab File: VR026750.D

Acq: 21 Aug 2025 8:43

Instrument :

MSVOA_R

ClientSampleId :

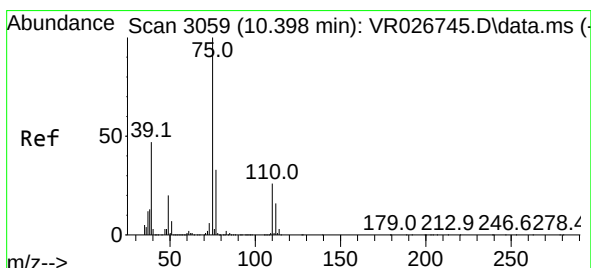
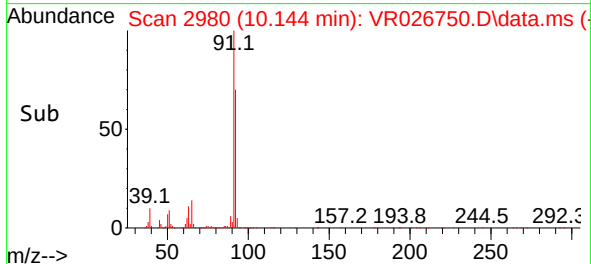
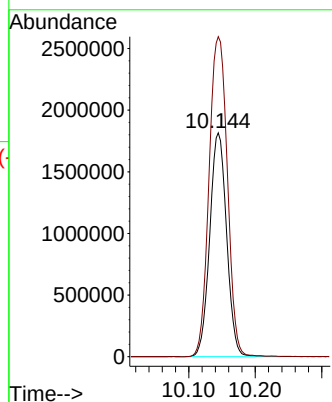
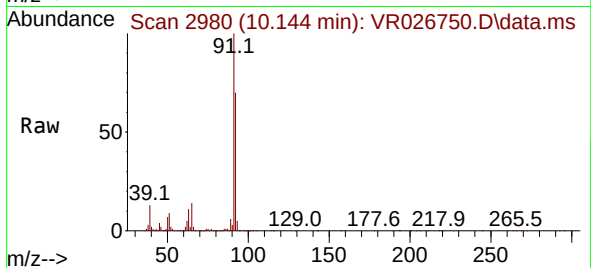
VSTDCCC050

Tgt Ion: 92 Resp: 3199362

Ion Ratio Lower Upper

92 100

91 155.0 120.1 180.1



#52

t-1,3-Dichloropropene

Concen: 56.168 ug/l

RT: 10.398 min Scan# 3059

Delta R.T. 0.000 min

Lab File: VR026750.D

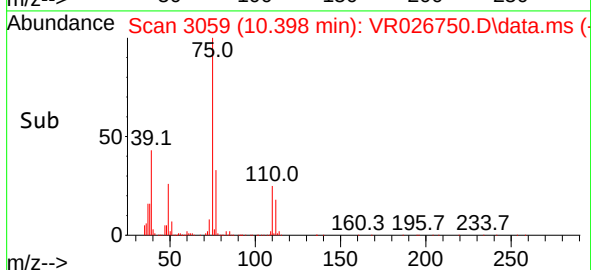
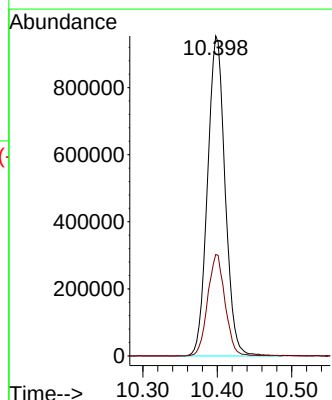
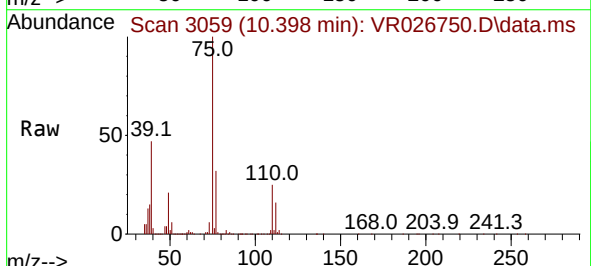
Acq: 21 Aug 2025 8:43

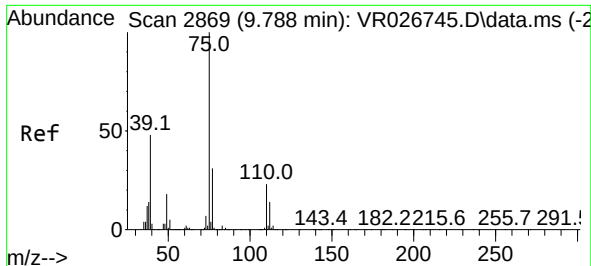
Tgt Ion: 75 Resp: 1559213

Ion Ratio Lower Upper

75 100

77 31.7 26.2 39.4

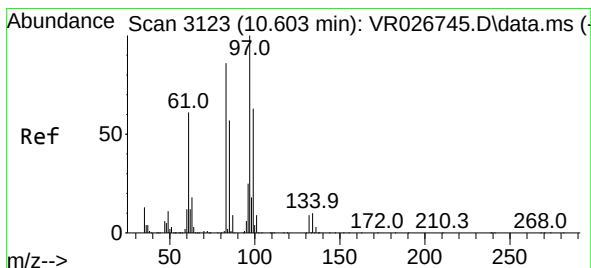
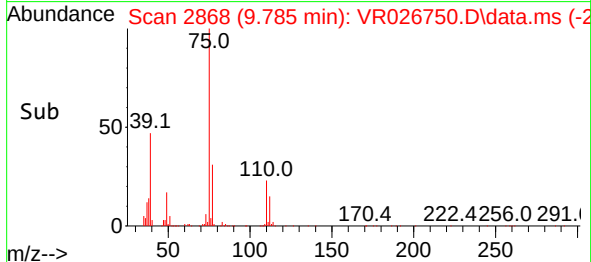
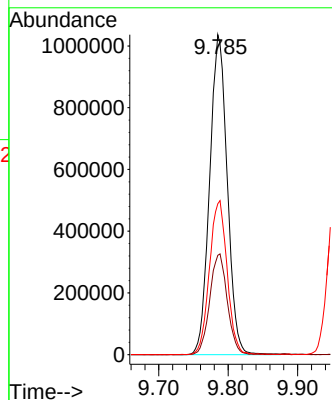
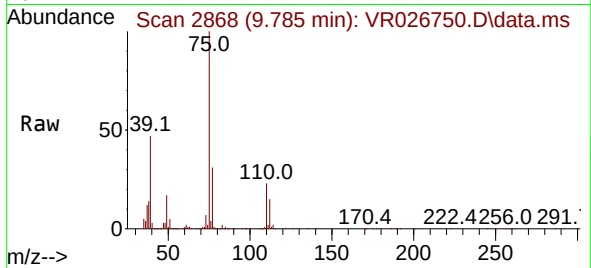




#53
cis-1,3-Dichloropropene
Concen: 54.039 ug/l
RT: 9.785 min Scan# 2869
Delta R.T. -0.003 min
Lab File: VR026750.D
Acq: 21 Aug 2025 8:43

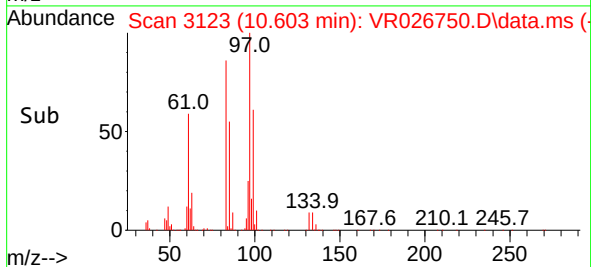
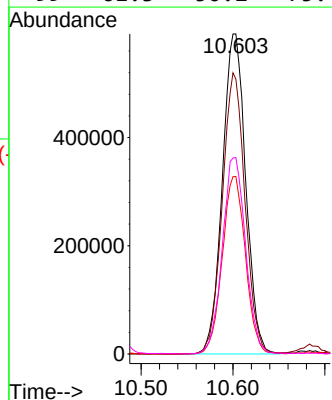
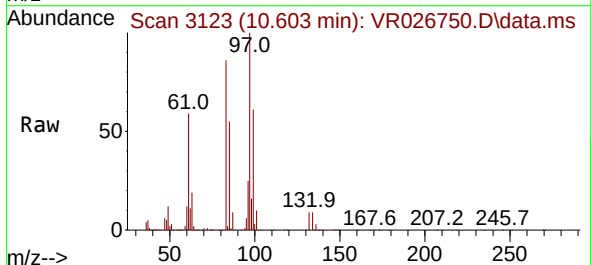
Instrument :
MSVOA_R
ClientSampleId :
VSTDCCC050

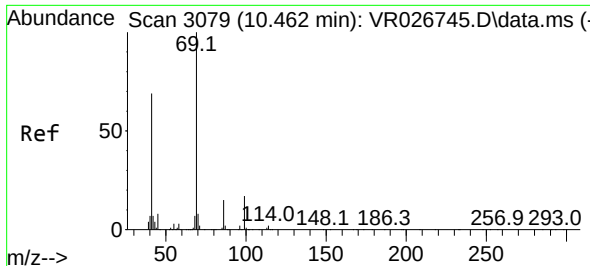
Tgt Ion: 75 Resp: 1819917
Ion Ratio Lower Upper
75 100
77 31.0 25.1 37.7
39 47.1 38.5 57.7



#54
1,1,2-Trichloroethane
Concen: 49.751 ug/l
RT: 10.603 min Scan# 3123
Delta R.T. 0.000 min
Lab File: VR026750.D
Acq: 21 Aug 2025 8:43

Tgt Ion: 97 Resp: 1044045
Ion Ratio Lower Upper
97 100
83 85.9 68.9 103.3
85 55.5 45.3 67.9
99 61.3 50.2 75.4

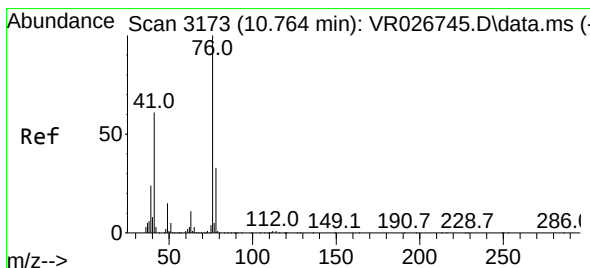
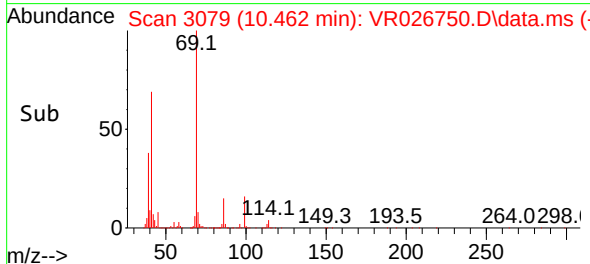
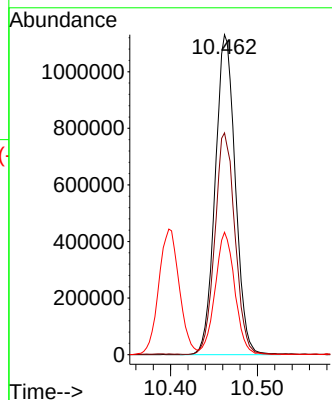
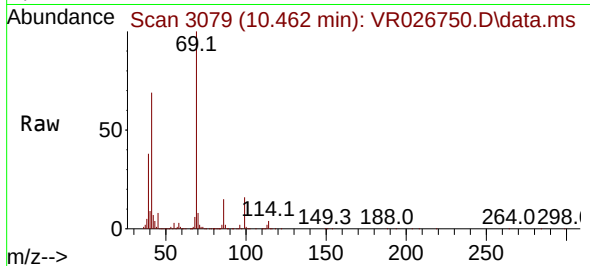




#55
 Ethyl methacrylate
 Concen: 50.342 ug/l
 RT: 10.462 min Scan# 3079
 Delta R.T. 0.000 min
 Lab File: VR026750.D
 Acq: 21 Aug 2025 8:43

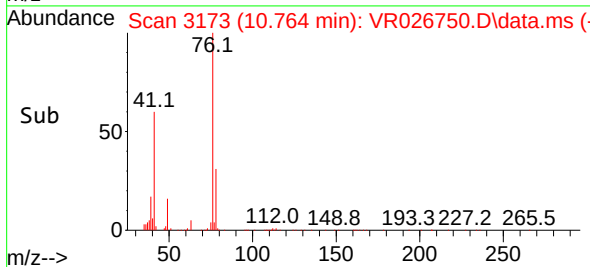
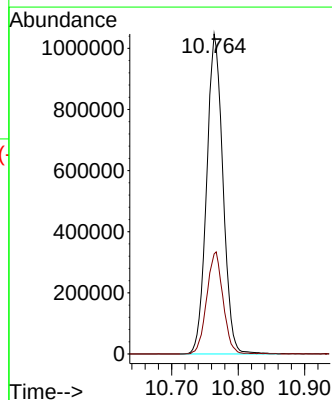
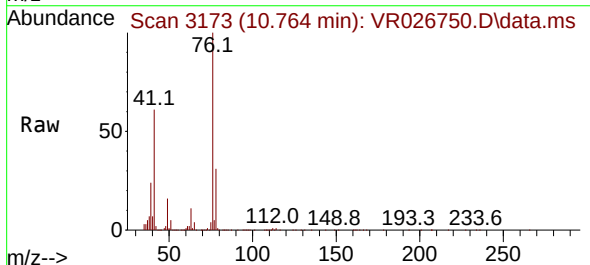
Instrument :
 MSVOA_R
 ClientSampleId :
 VSTDCCC050

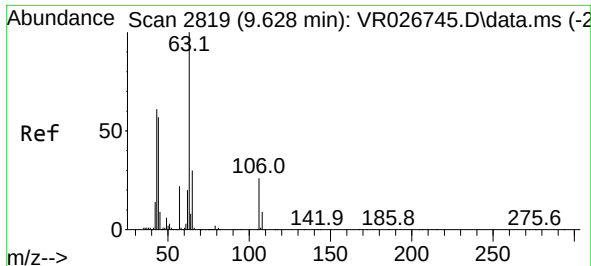
Tgt Ion: 69 Resp: 1817148
 Ion Ratio Lower Upper
 69 100
 41 69.3 55.6 83.4
 39 37.5 29.2 43.8



#56
 1,3-Dichloropropane
 Concen: 50.352 ug/l
 RT: 10.764 min Scan# 3173
 Delta R.T. 0.000 min
 Lab File: VR026750.D
 Acq: 21 Aug 2025 8:43

Tgt Ion: 76 Resp: 1781012
 Ion Ratio Lower Upper
 76 100
 78 31.9 25.9 38.9

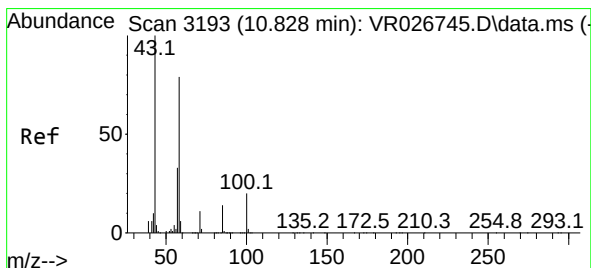
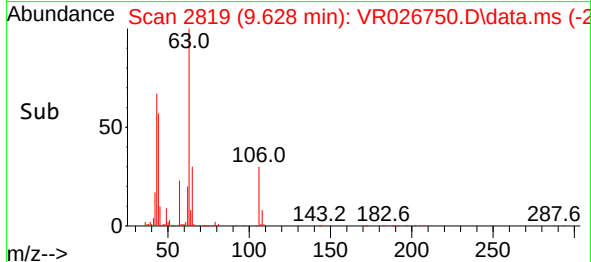
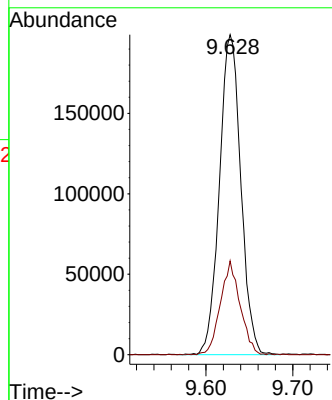
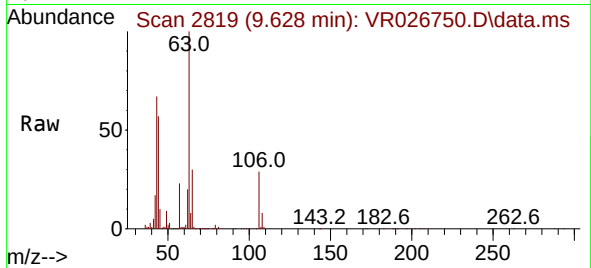




#57
2-Chloroethyl Vinyl ether
Concen: 175.983 ug/l
RT: 9.628 min Scan# 21
Delta R.T. -0.000 min
Lab File: VR026750.D
Acq: 21 Aug 2025 8:43

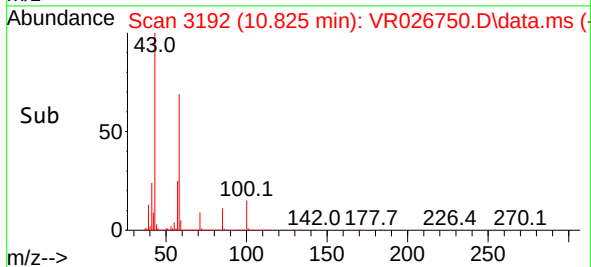
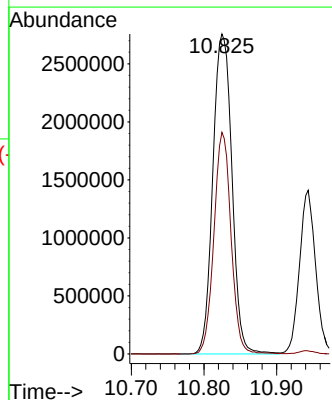
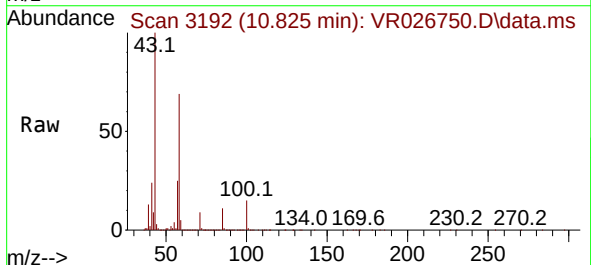
Instrument :
MSVOA_R
ClientSampleId :
VSTDCCC050

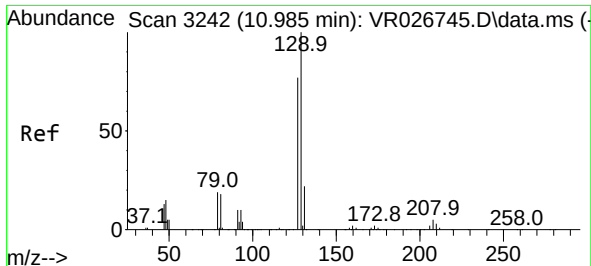
Tgt Ion: 63 Resp: 340385
Ion Ratio Lower Upper
63 100
106 27.0 21.5 32.3



#58
2-Hexanone
Concen: 243.147 ug/l
RT: 10.825 min Scan# 3192
Delta R.T. -0.003 min
Lab File: VR026750.D
Acq: 21 Aug 2025 8:43

Tgt Ion: 43 Resp: 5025766
Ion Ratio Lower Upper
43 100
58 62.2 34.0 102.0

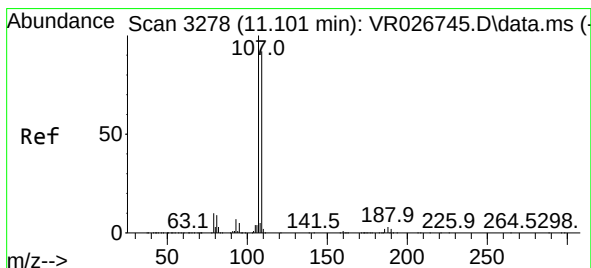
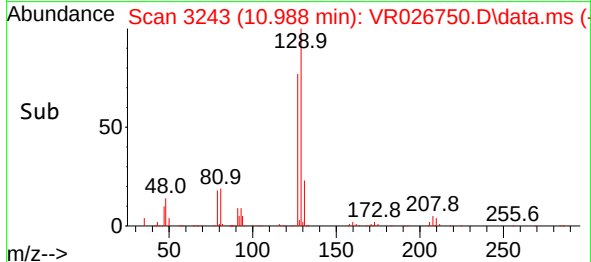
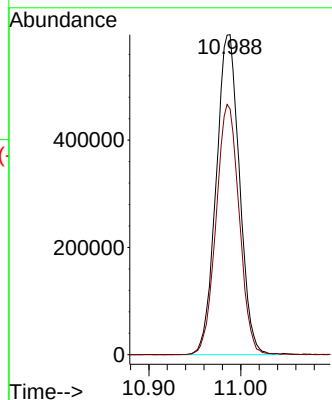
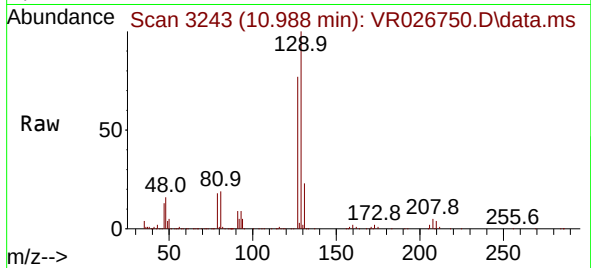




#59
Dibromochloromethane
Concen: 53.240 ug/l
RT: 10.988 min Scan# 31
Delta R.T. 0.003 min
Lab File: VR026750.D
Acq: 21 Aug 2025 8:43

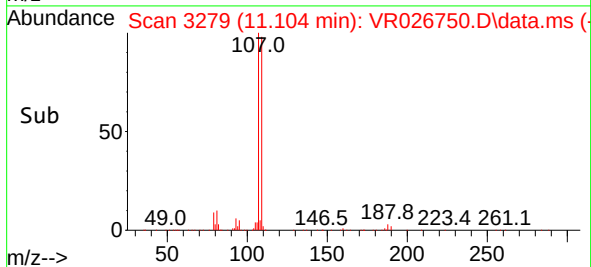
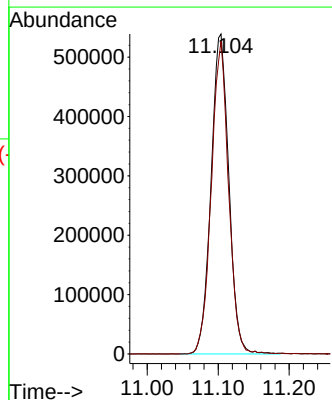
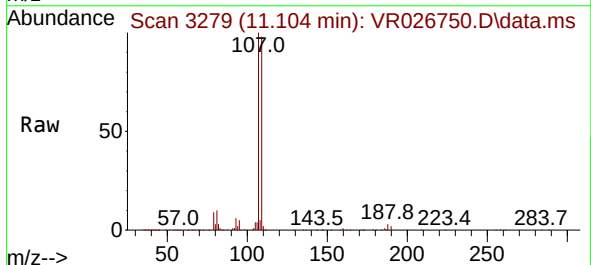
Instrument :
MSVOA_R
ClientSampleId :
VSTDCCC050

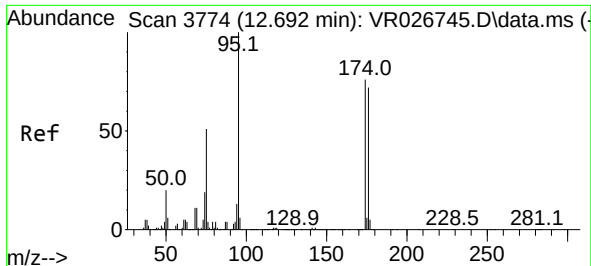
Tgt Ion:129 Resp: 1050906
Ion Ratio Lower Upper
129 100
127 77.6 38.9 116.7



#60
1,2-Dibromoethane
Concen: 49.395 ug/l
RT: 11.104 min Scan# 3279
Delta R.T. 0.003 min
Lab File: VR026750.D
Acq: 21 Aug 2025 8:43

Tgt Ion:107 Resp: 936842
Ion Ratio Lower Upper
107 100
109 94.8 74.3 111.5

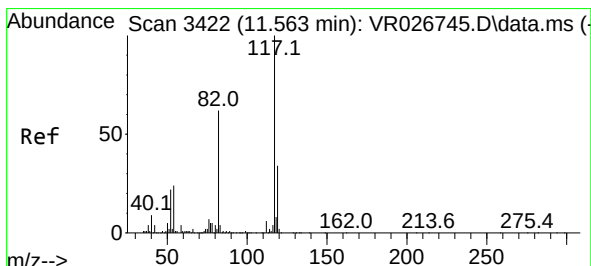
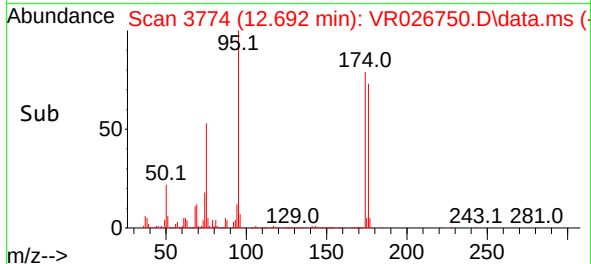
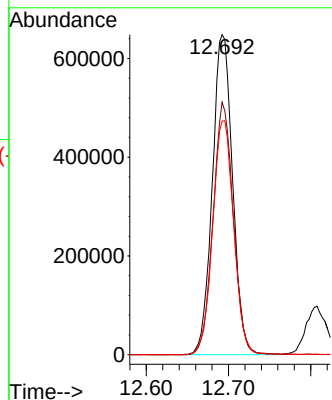
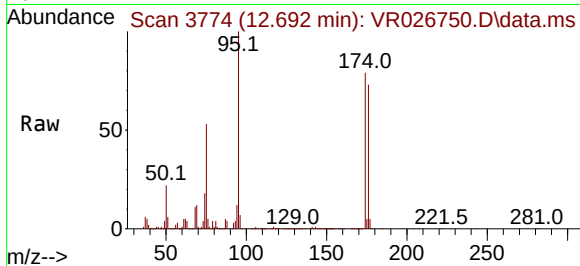




#61
4-Bromofluorobenzene
Concen: 53.869 ug/l
RT: 12.692 min Scan# 3774
Delta R.T. 0.000 min
Lab File: VR026750.D
Acq: 21 Aug 2025 8:43

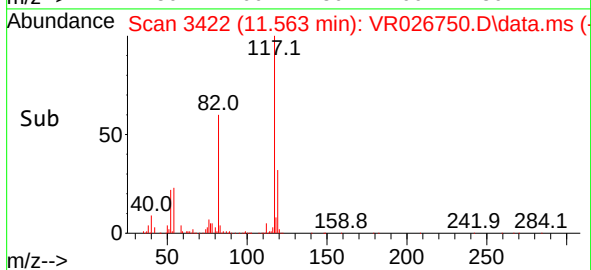
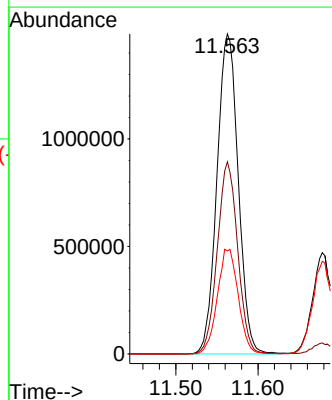
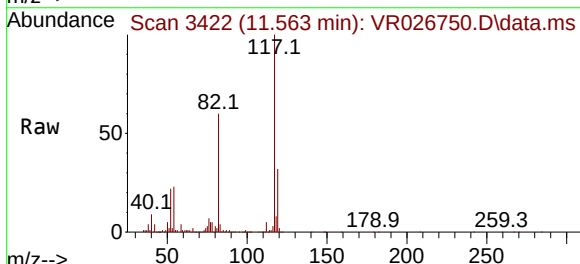
Instrument :
MSVOA_R
ClientSampleId :
VSTDCCC050

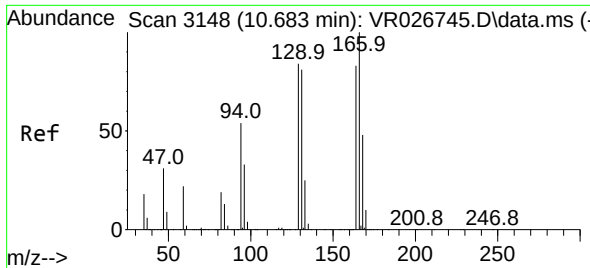
Tgt Ion: 95 Resp: 1109696
Ion Ratio Lower Upper
95 100
174 79.0 0.0 156.6
176 75.7 0.0 150.2



#62
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.563 min Scan# 3422
Delta R.T. -0.000 min
Lab File: VR026750.D
Acq: 21 Aug 2025 8:43

Tgt Ion: 117 Resp: 2680266
Ion Ratio Lower Upper
117 100
82 60.0 49.9 74.9
119 32.2 27.4 41.2



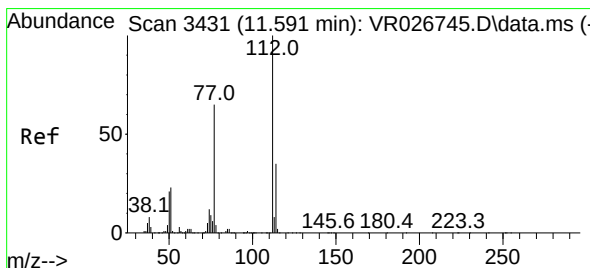
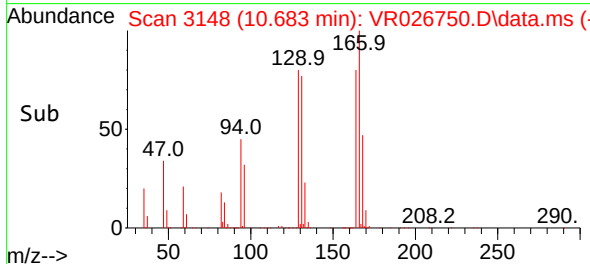
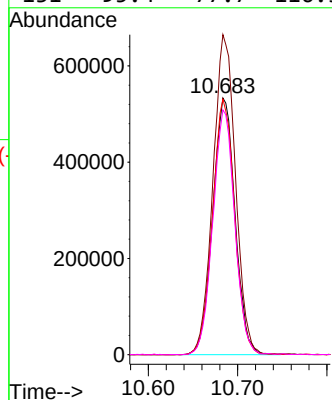
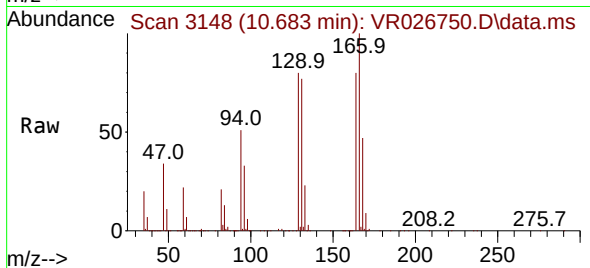


#63
Tetrachloroethene
Concen: 49.517 ug/l
RT: 10.683 min Scan# 3148
Delta R.T. 0.000 min
Lab File: VR026750.D
Acq: 21 Aug 2025 8:43

Instrument :
MSVOA_R
ClientSampleId :
VSTDCCC050

Tgt Ion:164 Resp: 932502

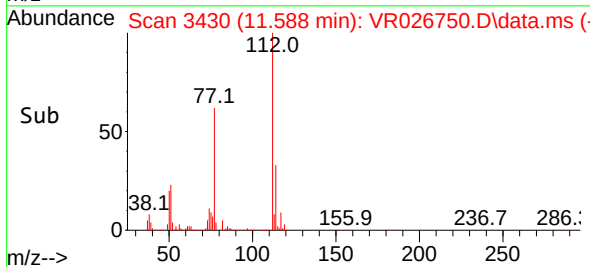
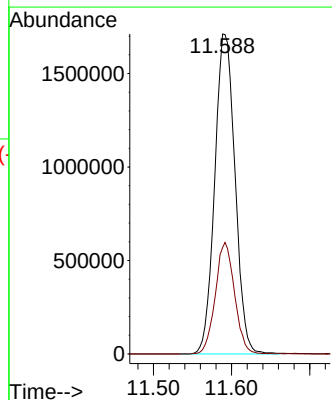
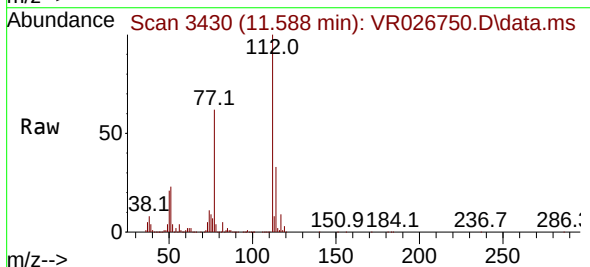
Ion	Ratio	Lower	Upper
164	100		
166	124.7	95.9	143.9
129	99.6	80.2	120.2
131	95.4	77.7	116.5

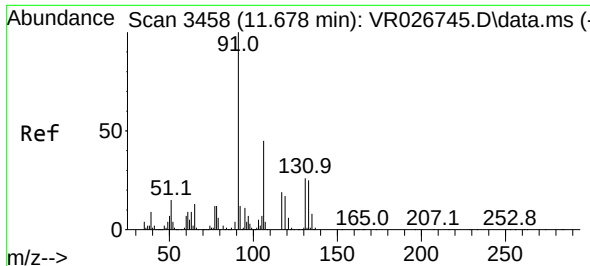


#64
Chlorobenzene
Concen: 51.862 ug/l
RT: 11.588 min Scan# 3430
Delta R.T. -0.003 min
Lab File: VR026750.D
Acq: 21 Aug 2025 8:43

Tgt Ion:112 Resp: 3093288

Ion	Ratio	Lower	Upper
112	100		
114	33.3	28.0	42.0



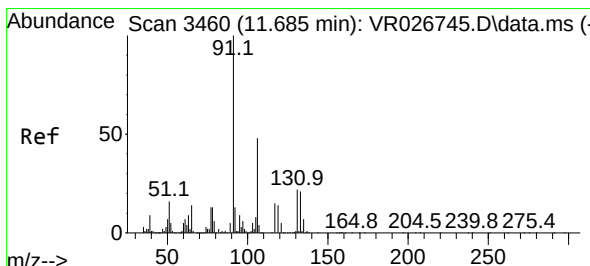
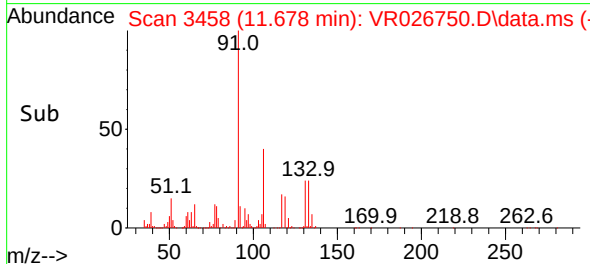
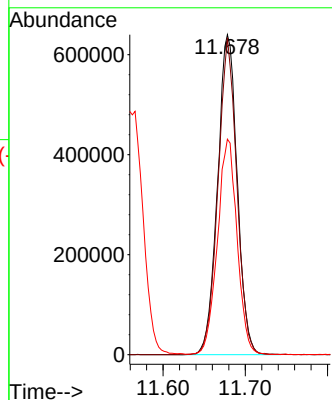
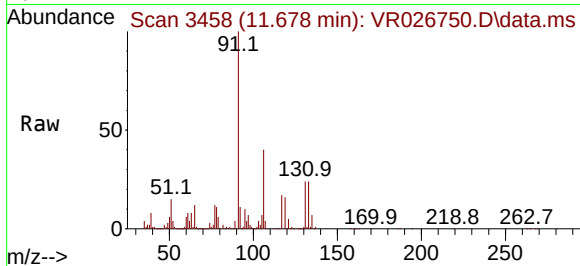


#65
 1,1,1,2-Tetrachloroethane
 Concen: 53.102 ug/l
 RT: 11.678 min Scan# 3458
 Delta R.T. 0.000 min
 Lab File: VR026750.D
 Acq: 21 Aug 2025 8:43

Instrument :
 MSVOA_R
 ClientSampleId :
 VSTDCCC050

Tgt Ion:131 Resp: 1063411

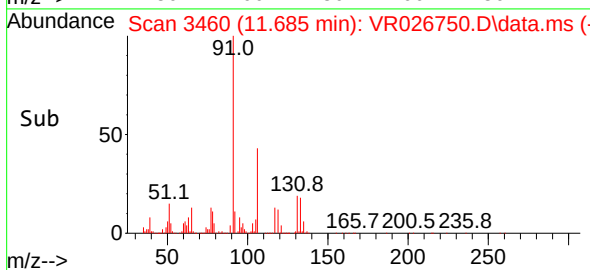
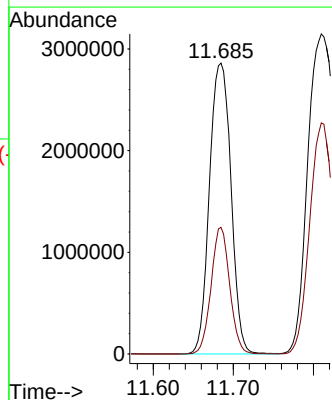
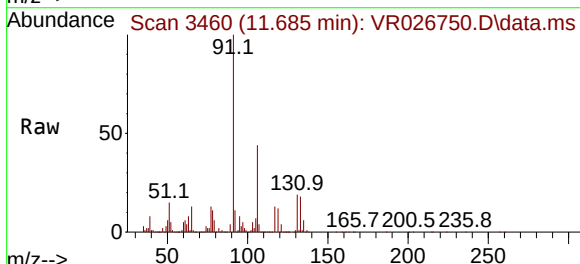
Ion	Ratio	Lower	Upper
131	100		
133	94.7	47.3	141.8
119	67.2	33.9	101.7

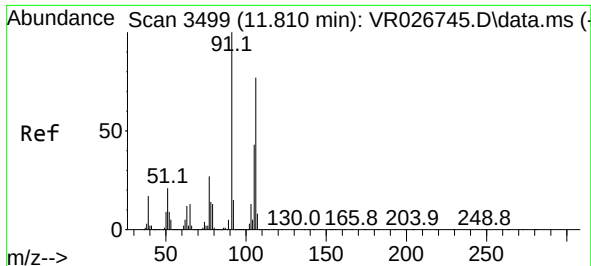


#66
 Ethyl Benzene
 Concen: 53.533 ug/l
 RT: 11.685 min Scan# 3460
 Delta R.T. 0.000 min
 Lab File: VR026750.D
 Acq: 21 Aug 2025 8:43

Tgt Ion: 91 Resp: 5338477

Ion	Ratio	Lower	Upper
91	100		
106	43.5	38.7	58.1

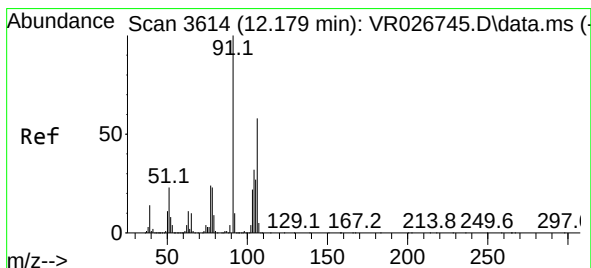
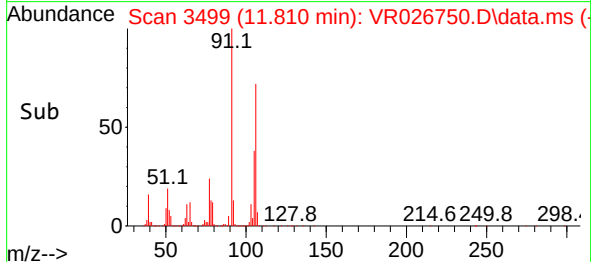
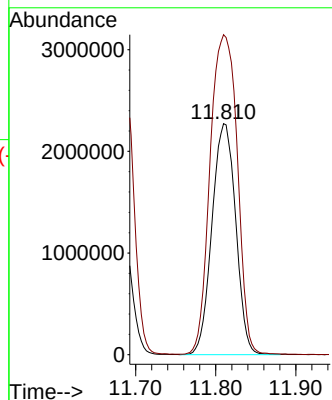
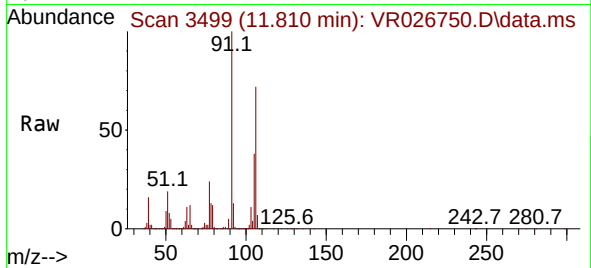




#67
m/p-Xylenes
Concen: 111.823 ug/l
RT: 11.810 min Scan# 3499
Delta R.T. -0.000 min
Lab File: VR026750.D
Acq: 21 Aug 2025 8:43

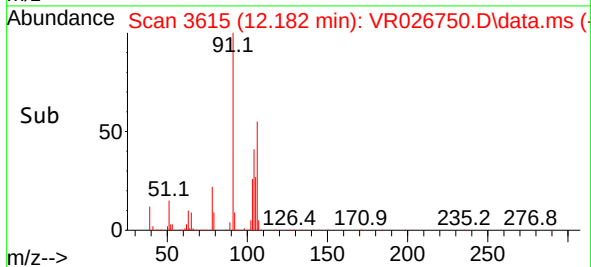
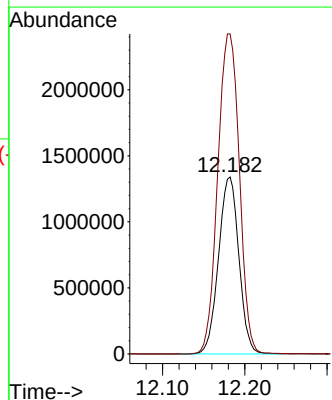
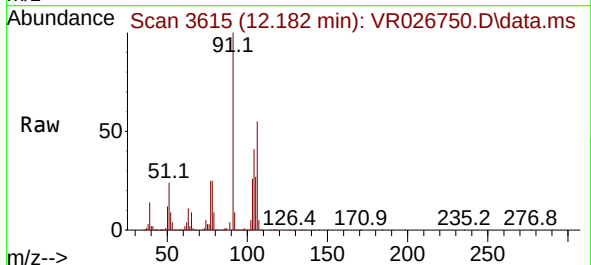
Instrument :
MSVOA_R
ClientSampleId :
VSTDCCC050

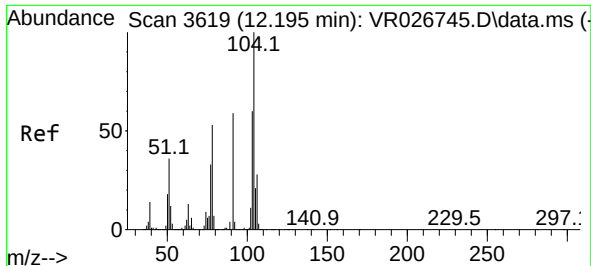
Tgt Ion:106 Resp: 4666306
Ion Ratio Lower Upper
106 100
91 158.8 121.6 182.4



#68
o-Xylene
Concen: 54.468 ug/l
RT: 12.182 min Scan# 3615
Delta R.T. 0.003 min
Lab File: VR026750.D
Acq: 21 Aug 2025 8:43

Tgt Ion:106 Resp: 2303110
Ion Ratio Lower Upper
106 100
91 192.4 93.7 281.1

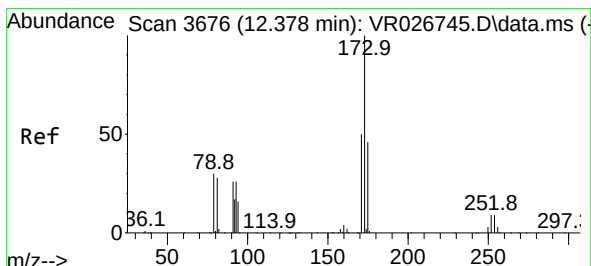
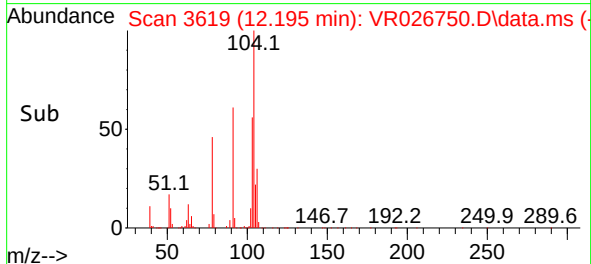
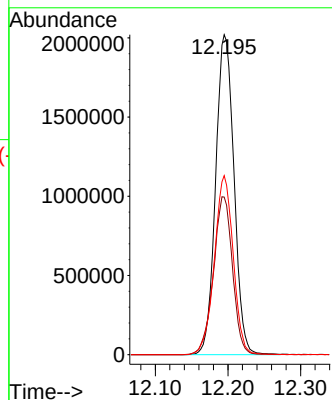
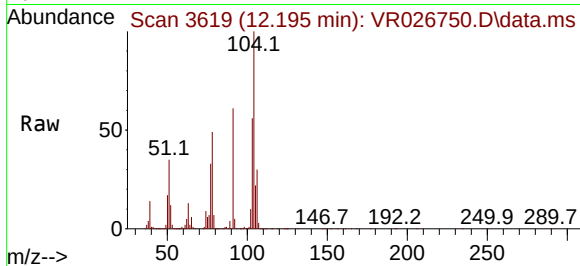




#69
Styrene
Concen: 57.008 ug/l
RT: 12.195 min Scan# 3619
Delta R.T. 0.000 min
Lab File: VR026750.D
Acq: 21 Aug 2025 8:43

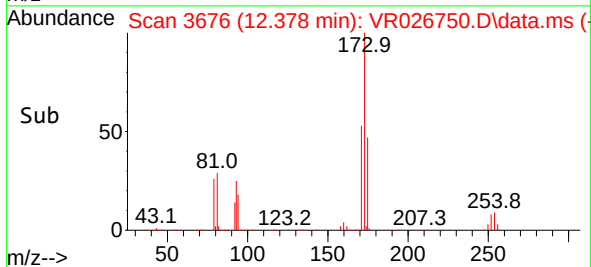
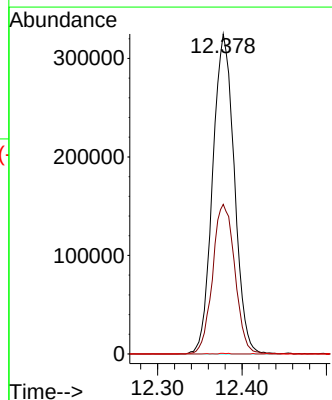
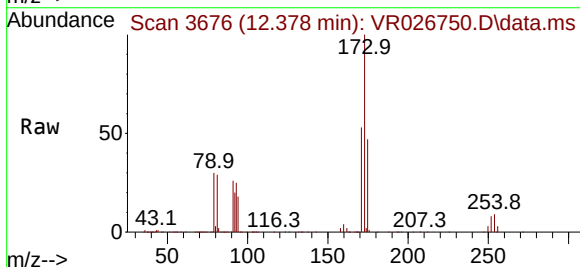
Instrument :
MSVOA_R
ClientSampleId :
VSTDCCC050

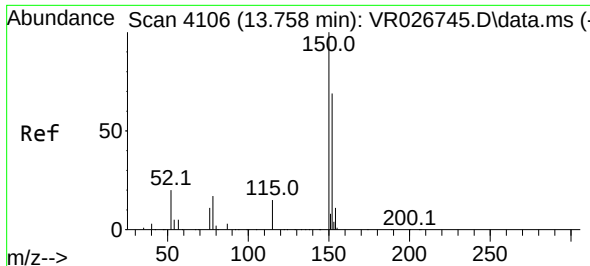
Tgt Ion:104 Resp: 3547157
Ion Ratio Lower Upper
104 100
78 51.3 42.5 63.7
103 57.7 47.5 71.3



#70
Bromoform
Concen: 53.448 ug/l
RT: 12.378 min Scan# 3676
Delta R.T. 0.000 min
Lab File: VR026750.D
Acq: 21 Aug 2025 8:43

Tgt Ion:173 Resp: 577142
Ion Ratio Lower Upper
173 100
175 48.1 23.8 71.4
254 0.1 0.0 0.0#

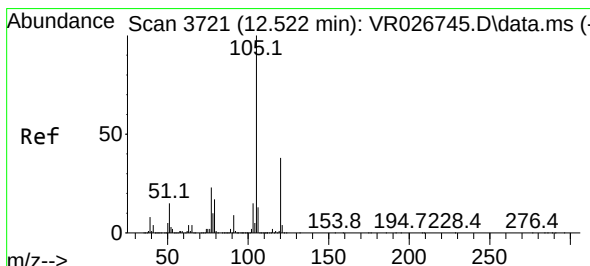
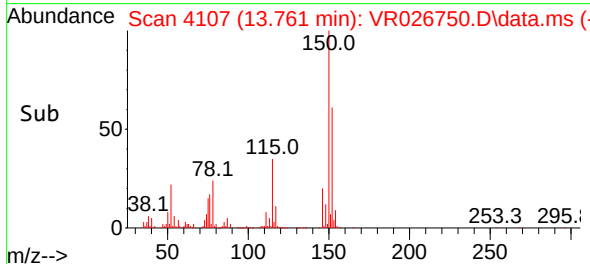
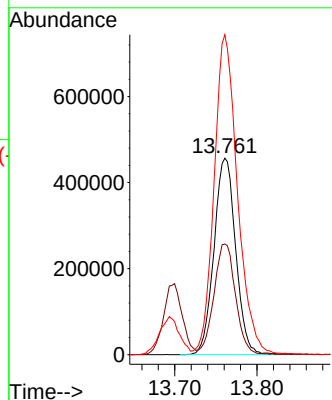
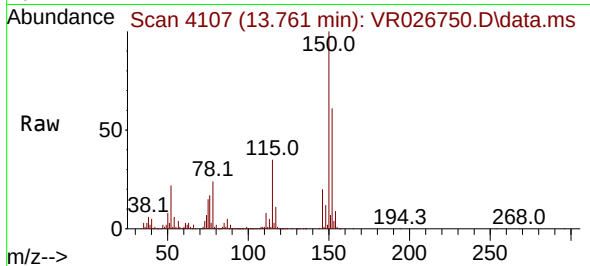




#71
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.761 min Scan# 4106
Delta R.T. 0.003 min
Lab File: VR026750.D
Acq: 21 Aug 2025 8:43

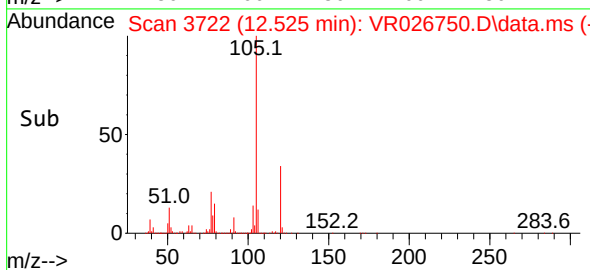
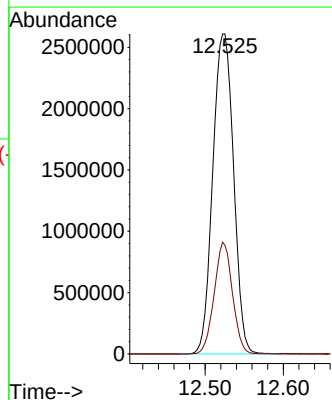
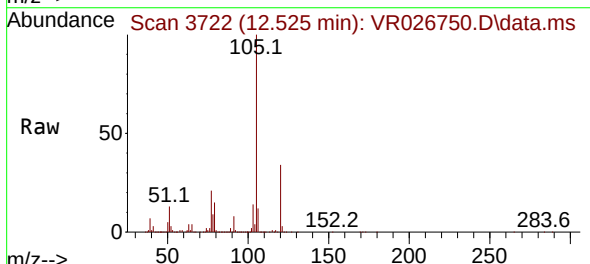
Instrument :
MSVOA_R
ClientSampleId :
VSTDCCC050

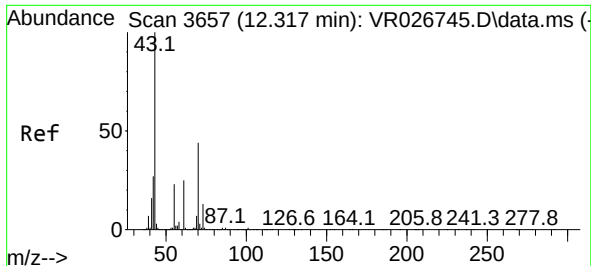
Tgt Ion:152 Resp: 838227
Ion Ratio Lower Upper
152 100
115 55.9 28.5 85.5
150 175.0 0.0 352.0



#72
Isopropylbenzene
Concen: 53.079 ug/l
RT: 12.525 min Scan# 3722
Delta R.T. 0.003 min
Lab File: VR026750.D
Acq: 21 Aug 2025 8:43

Tgt Ion:105 Resp: 4829546
Ion Ratio Lower Upper
105 100
120 30.7 16.4 49.2



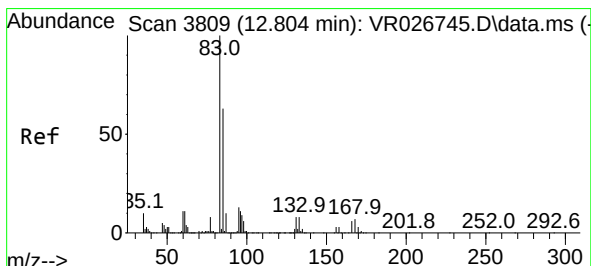
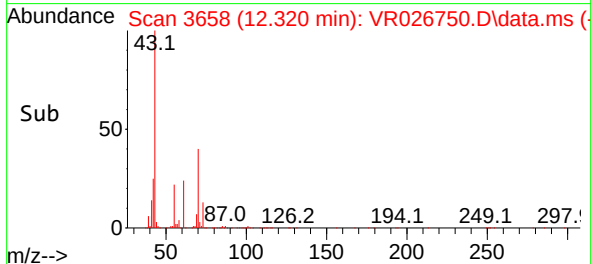
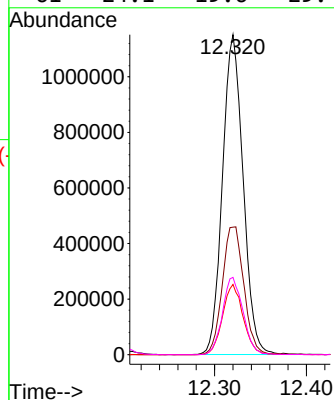
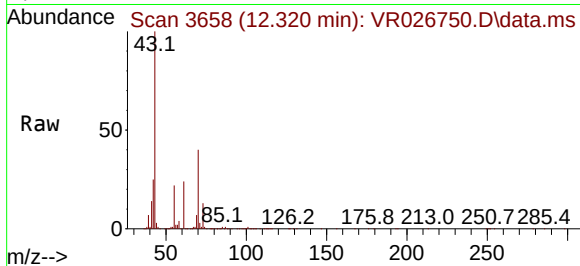


#73
N-amy1 acetate
Concen: 54.669 ug/l
RT: 12.320 min Scan# 3658
Delta R.T. 0.003 min
Lab File: VR026750.D
Acq: 21 Aug 2025 8:43

Instrument :
MSVOA_R
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 1795842

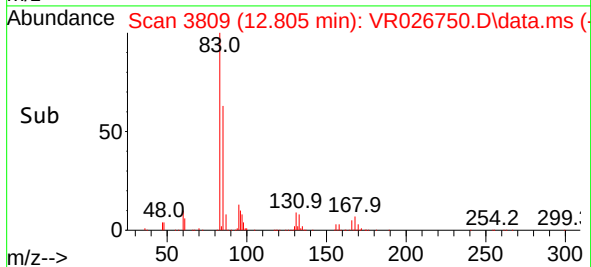
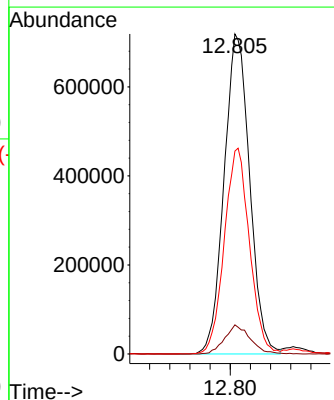
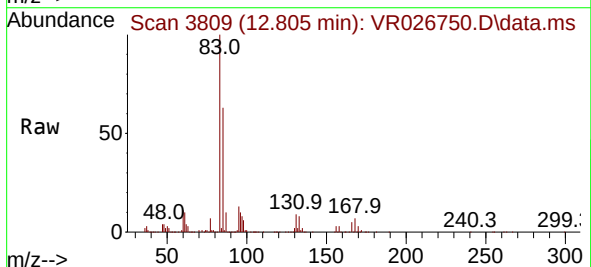
Ion	Ratio	Lower	Upper
43	100		
70	41.8	34.1	51.1
55	22.0	18.1	27.1
61	24.1	19.6	29.4

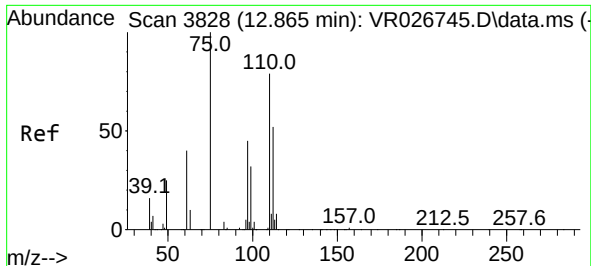


#74
1,1,2,2-Tetrachloroethane
Concen: 48.585 ug/l
RT: 12.805 min Scan# 3809
Delta R.T. 0.000 min
Lab File: VR026750.D
Acq: 21 Aug 2025 8:43

Tgt Ion: 83 Resp: 1265458

Ion	Ratio	Lower	Upper
83	100		
131	9.1	4.6	13.8
85	63.4	31.7	95.1

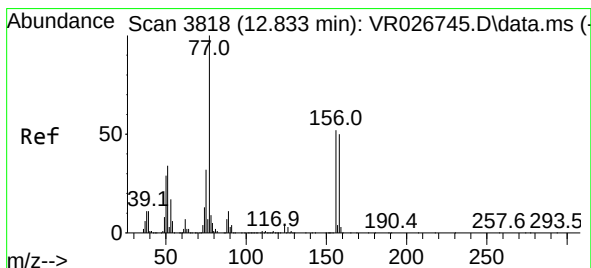
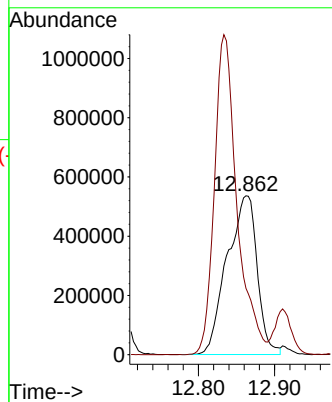
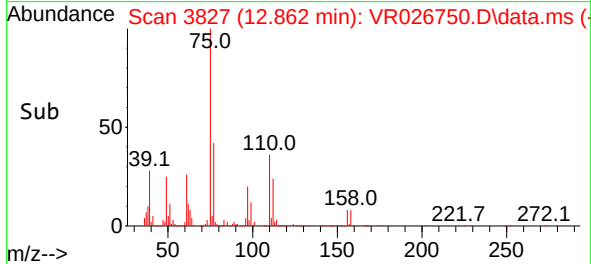
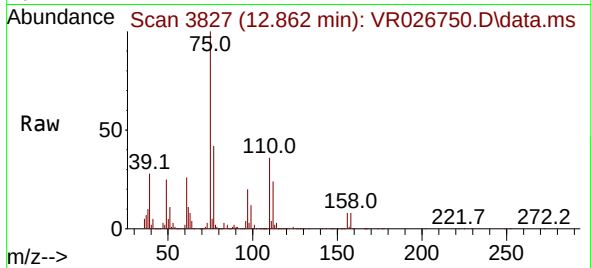




#75
1,2,3-Trichloropropane
Concen: 71.287 ug/l
RT: 12.862 min Scan# 3828
Delta R.T. -0.003 min
Lab File: VR026750.D
Acq: 21 Aug 2025 8:43

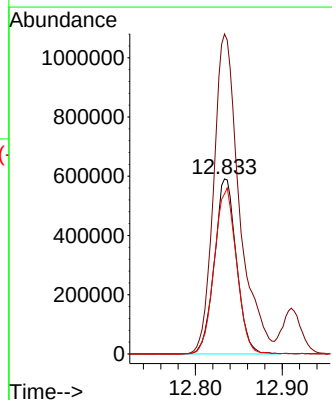
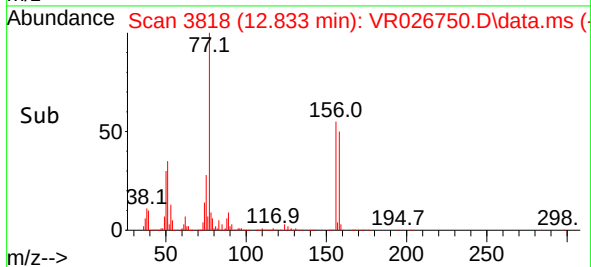
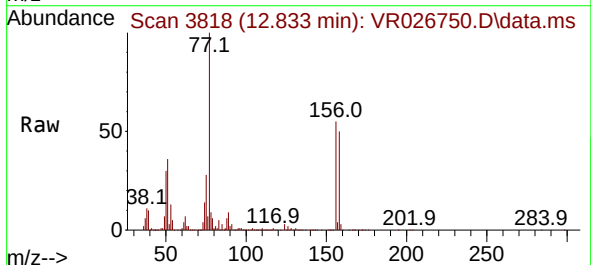
Instrument :
MSVOA_R
ClientSampleId :
VSTDCCC050

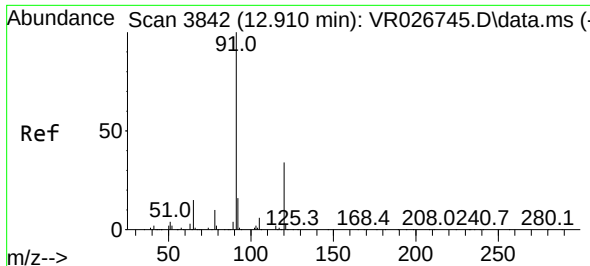
Tgt Ion: 75 Resp: 1472985
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#76
Bromobenzene
Concen: 52.297 ug/l
RT: 12.833 min Scan# 3818
Delta R.T. 0.000 min
Lab File: VR026750.D
Acq: 21 Aug 2025 8:43

Tgt Ion: 156 Resp: 1041566
Ion Ratio Lower Upper
156 100
77 214.0 109.8 329.4
158 95.8 47.5 142.6

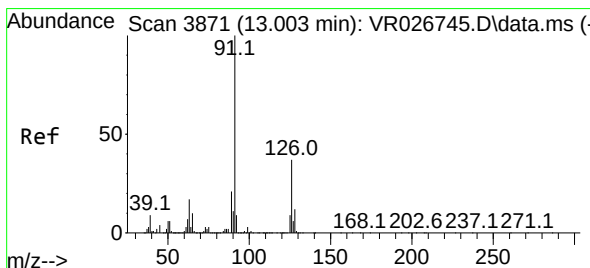
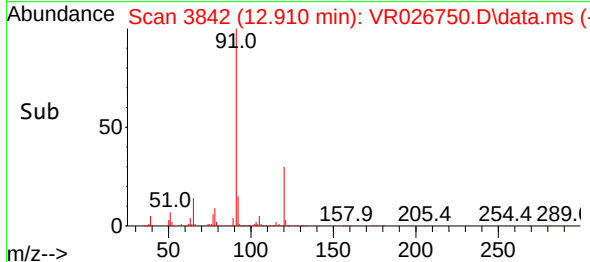
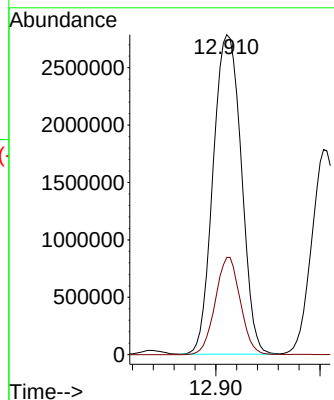
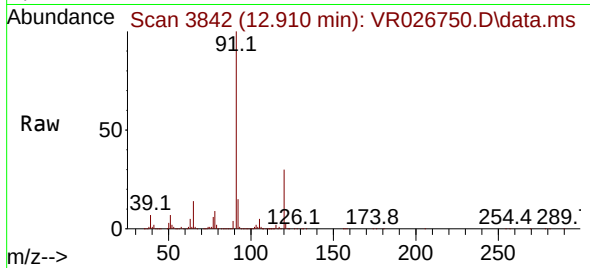




#77
n-propylbenzene
Concen: 53.644 ug/l
RT: 12.910 min Scan# 3842
Delta R.T. 0.000 min
Lab File: VR026750.D
Acq: 21 Aug 2025 8:43

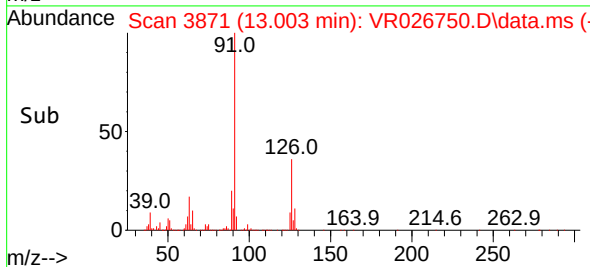
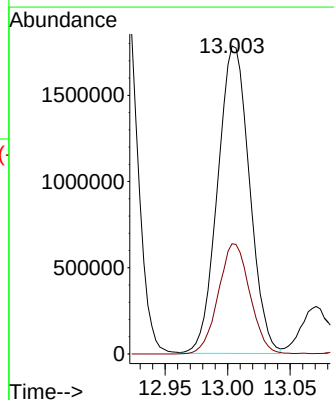
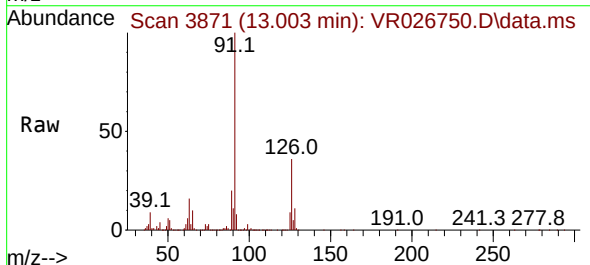
Instrument :
MSVOA_R
ClientSampleId :
VSTDCCC050

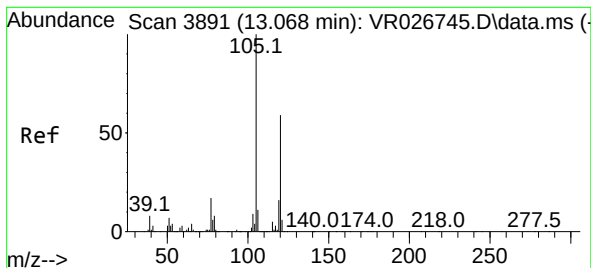
Tgt Ion: 91 Resp: 5232790
Ion Ratio Lower Upper
91 100
120 27.0 14.2 42.8



#78
2-Chlorotoluene
Concen: 54.974 ug/l
RT: 13.003 min Scan# 3871
Delta R.T. 0.000 min
Lab File: VR026750.D
Acq: 21 Aug 2025 8:43

Tgt Ion: 91 Resp: 3166881
Ion Ratio Lower Upper
91 100
126 35.5 18.0 54.0





#79

1,3,5-Trimethylbenzene

Concen: 54.879 ug/l

RT: 13.071 min Scan# 3891

Delta R.T. 0.003 min

Lab File: VR026750.D

Acq: 21 Aug 2025 8:43

Instrument :

MSVOA_R

ClientSampleId :

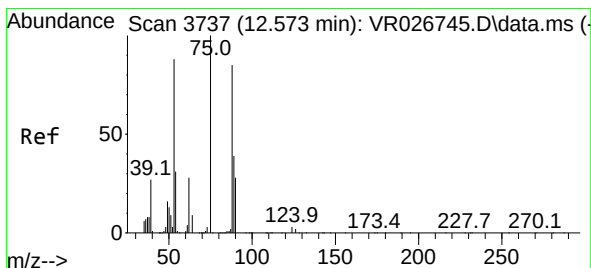
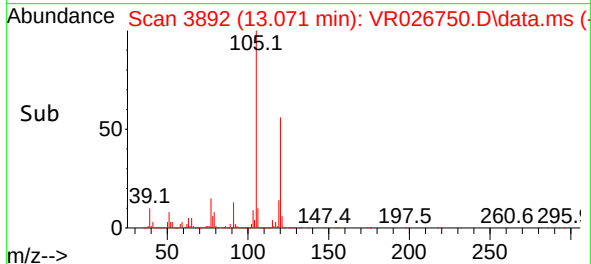
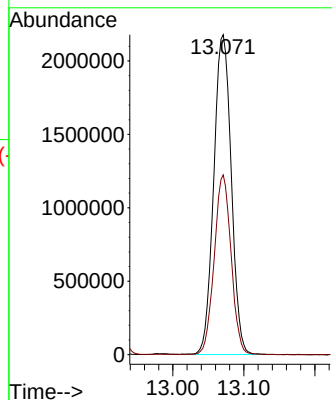
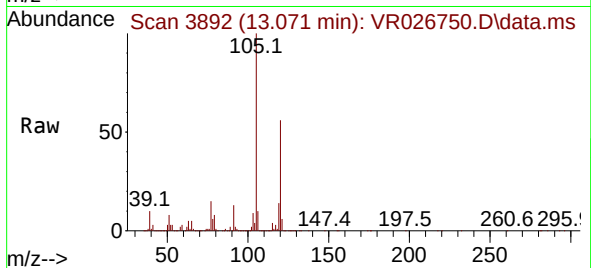
VSTDCCC050

Tgt Ion:105 Resp: 3728827

Ion Ratio Lower Upper

105 100

120 54.2 27.8 83.4



#80

trans-1,4-Dichloro-2-butene

Concen: 54.449 ug/l

RT: 12.573 min Scan# 3737

Delta R.T. 0.000 min

Lab File: VR026750.D

Acq: 21 Aug 2025 8:43

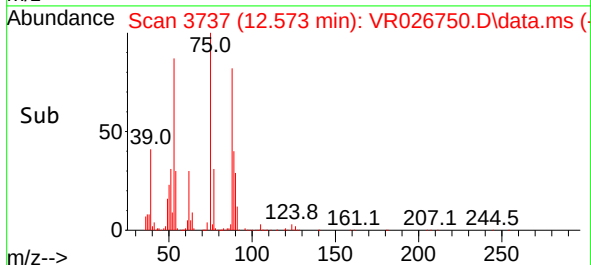
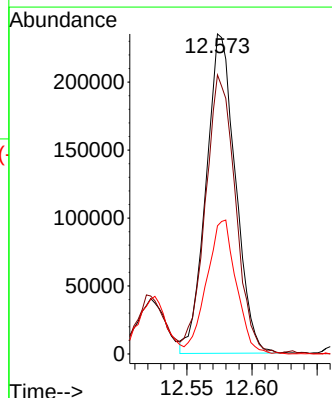
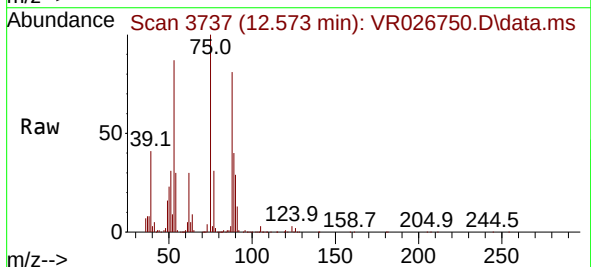
Tgt Ion: 75 Resp: 368734

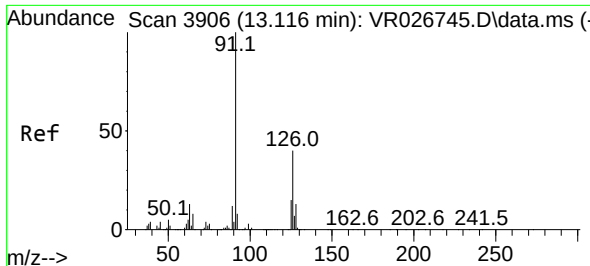
Ion Ratio Lower Upper

75 100

53 88.7 70.9 106.3

89 42.3 33.4 50.0

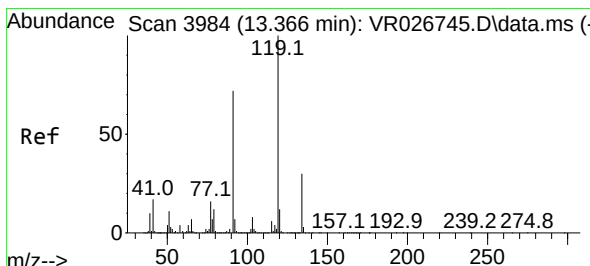
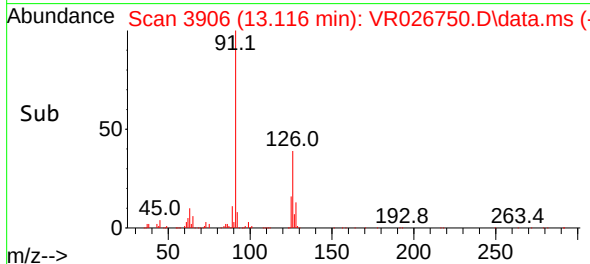
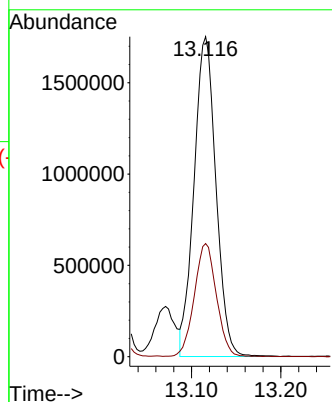
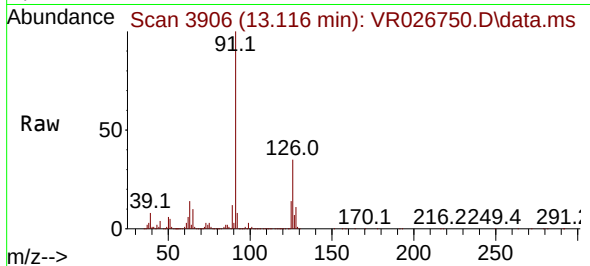




#81
4-Chlorotoluene
Concen: 56.523 ug/l
RT: 13.116 min Scan# 3906
Delta R.T. 0.000 min
Lab File: VR026750.D
Acq: 21 Aug 2025 8:43

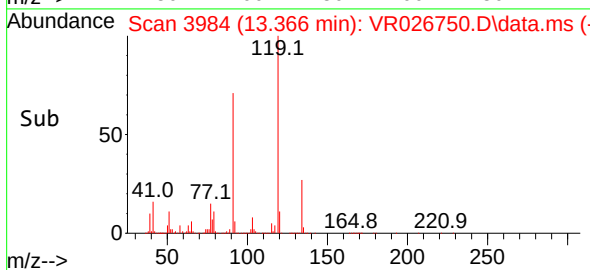
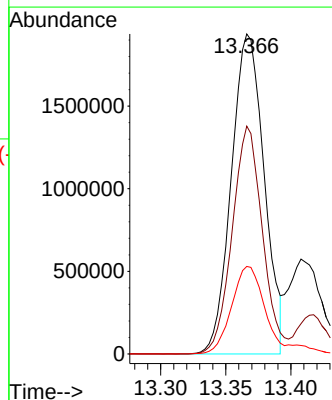
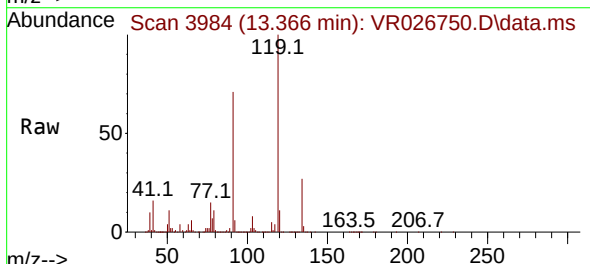
Instrument :
MSVOA_R
ClientSampleId :
VSTDCCC050

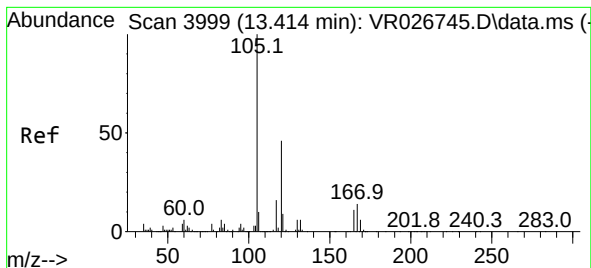
Tgt Ion: 91 Resp: 2983503
Ion Ratio Lower Upper
91 100
126 35.7 18.2 54.6



#82
tert-Butylbenzene
Concen: 53.501 ug/l
RT: 13.366 min Scan# 3984
Delta R.T. 0.000 min
Lab File: VR026750.D
Acq: 21 Aug 2025 8:43

Tgt Ion: 119 Resp: 3398507
Ion Ratio Lower Upper
119 100
91 65.8 33.5 100.5
134 29.3 14.9 44.9





#83

1,2,4-Trimethylbenzene

Concen: 55.955 ug/l

RT: 13.417 min Scan# 4000

Delta R.T. 0.003 min

Lab File: VR026750.D

Acq: 21 Aug 2025 8:43

Instrument :

MSVOA_R

ClientSampleId :

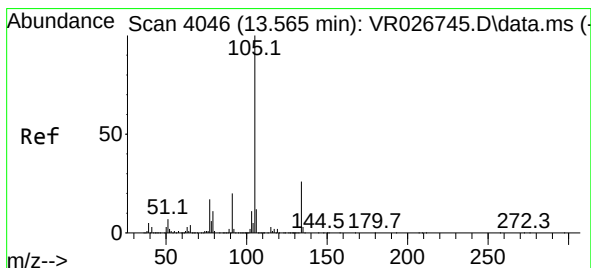
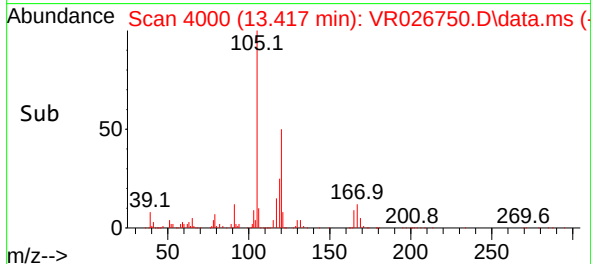
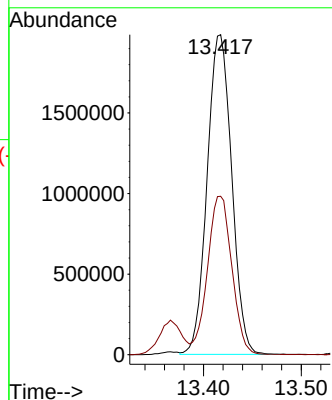
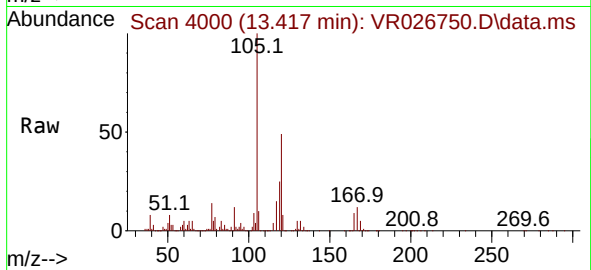
VSTDCCC050

Tgt Ion:105 Resp: 3466719

Ion Ratio Lower Upper

105 100

120 49.3 25.3 75.9



#84

sec-Butylbenzene

Concen: 53.699 ug/l

RT: 13.568 min Scan# 4047

Delta R.T. 0.003 min

Lab File: VR026750.D

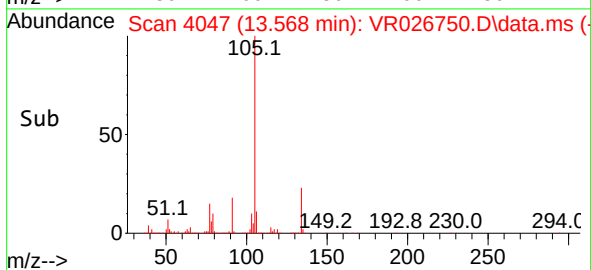
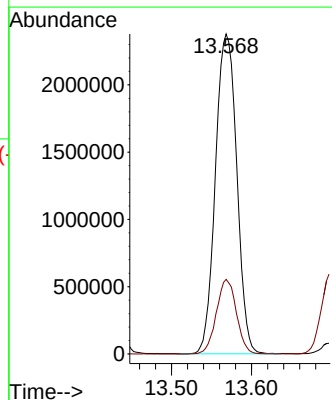
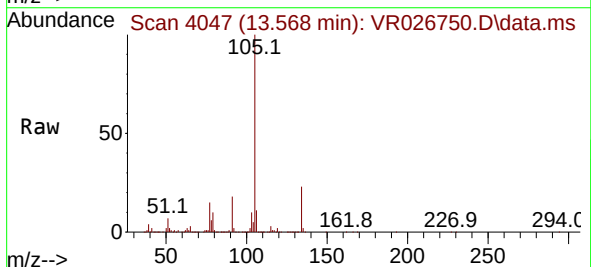
Acq: 21 Aug 2025 8:43

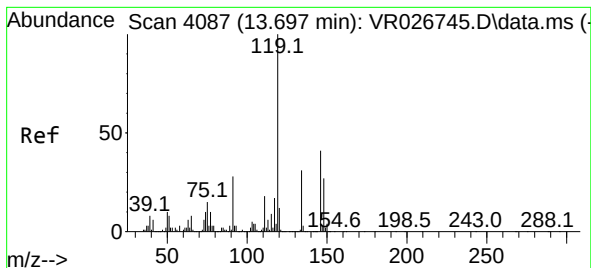
Tgt Ion:105 Resp: 4387549

Ion Ratio Lower Upper

105 100

134 21.9 11.6 34.7





#85

p-Isopropyltoluene

Concen: 54.334 ug/l

RT: 13.697 min Scan# 4087

Delta R.T. 0.000 min

Lab File: VR026750.D

Acq: 21 Aug 2025 8:43

Instrument :

MSVOA_R

ClientSampleId :

VSTDCCC050

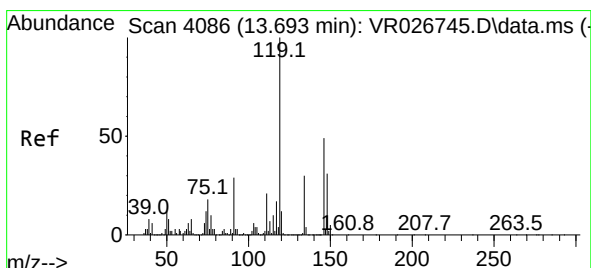
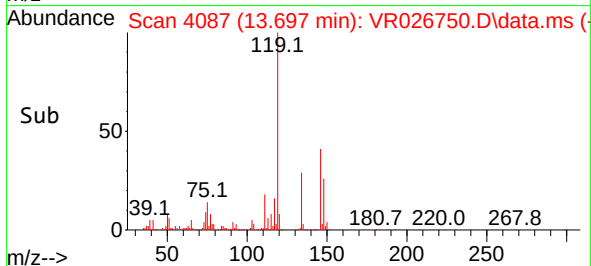
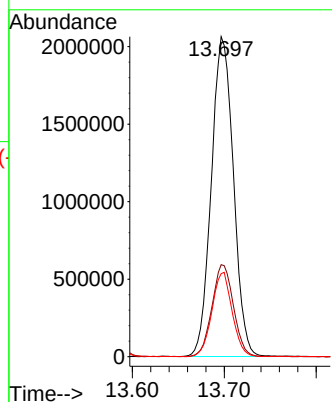
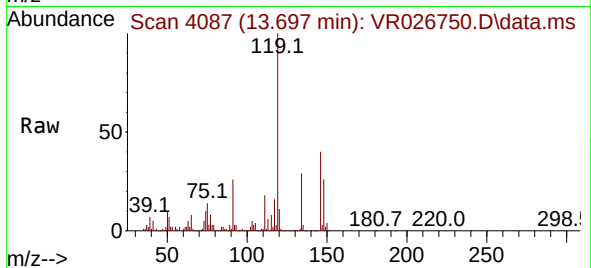
Tgt Ion:119 Resp: 3449646

Ion Ratio Lower Upper

119 100

134 27.9 14.4 43.2

91 24.1 12.7 38.0



#86

1,3-Dichlorobenzene

Concen: 51.386 ug/l

RT: 13.693 min Scan# 4086

Delta R.T. 0.000 min

Lab File: VR026750.D

Acq: 21 Aug 2025 8:43

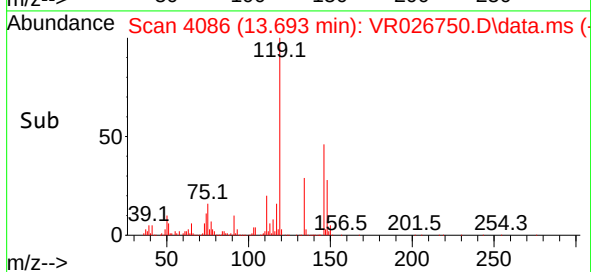
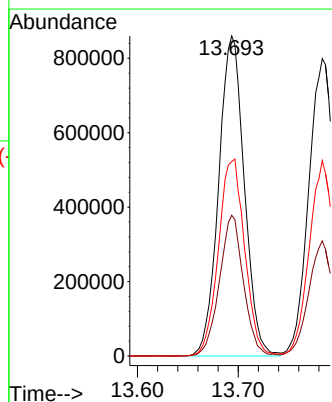
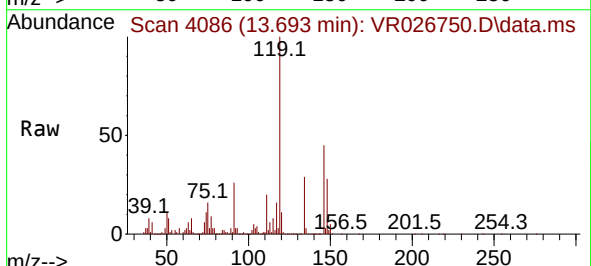
Tgt Ion:146 Resp: 1519895

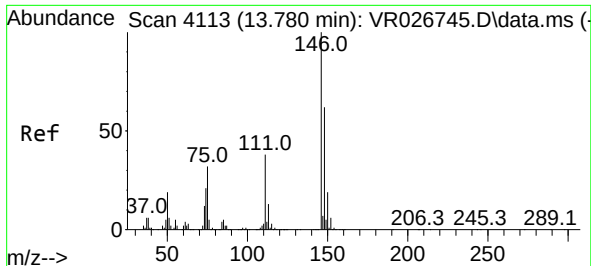
Ion Ratio Lower Upper

146 100

111 41.3 20.9 62.7

148 63.1 31.8 95.3

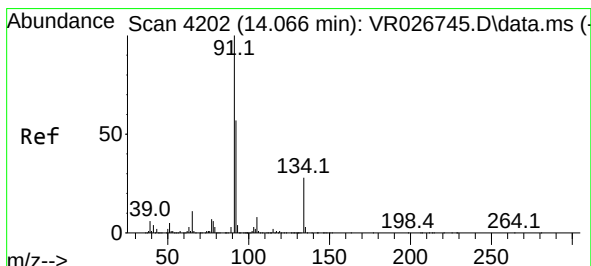
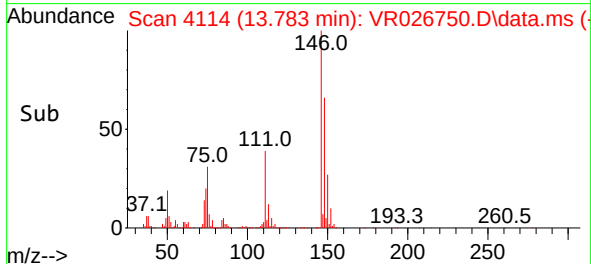
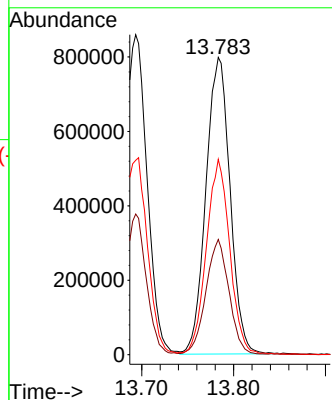
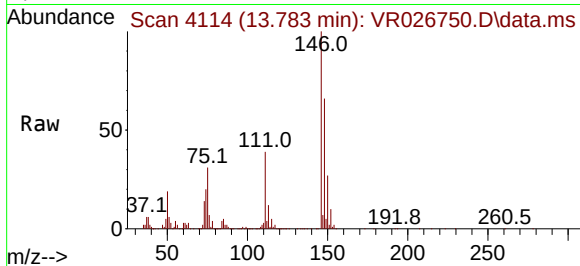




#87
1,4-Dichlorobenzene
Concen: 51.081 ug/l
RT: 13.783 min Scan# 4113
Delta R.T. 0.003 min
Lab File: VR026750.D
Acq: 21 Aug 2025 8:43

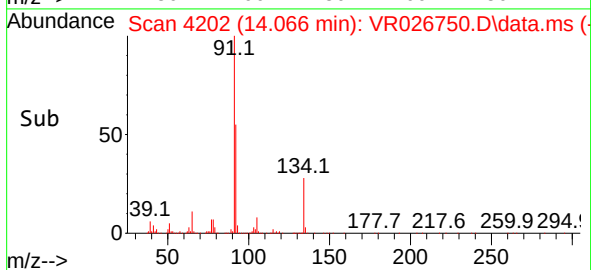
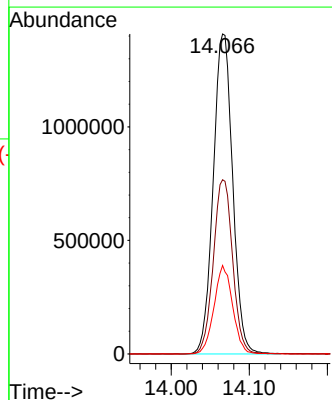
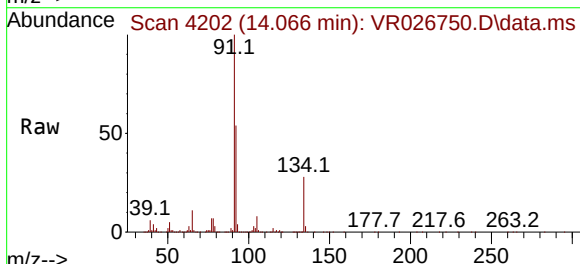
Instrument :
MSVOA_R
ClientSampleId :
VSTDCCC050

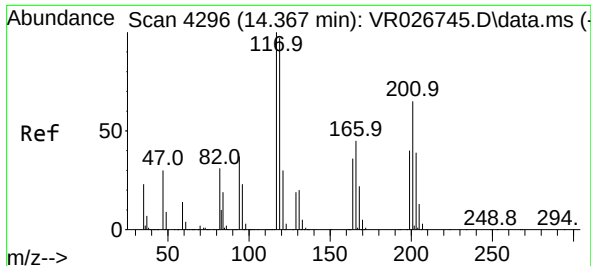
Tgt Ion:146 Resp: 1455609
Ion Ratio Lower Upper
146 100
111 36.9 18.6 55.6
148 63.6 31.5 94.5



#88
n-Butylbenzene
Concen: 53.757 ug/l
RT: 14.066 min Scan# 4202
Delta R.T. -0.000 min
Lab File: VR026750.D
Acq: 21 Aug 2025 8:43

Tgt Ion: 91 Resp: 2438636
Ion Ratio Lower Upper
91 100
92 54.2 27.7 83.0
134 26.5 13.5 40.5

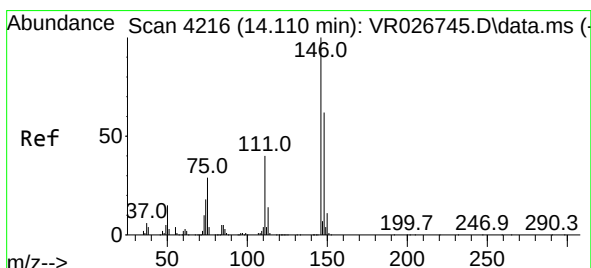
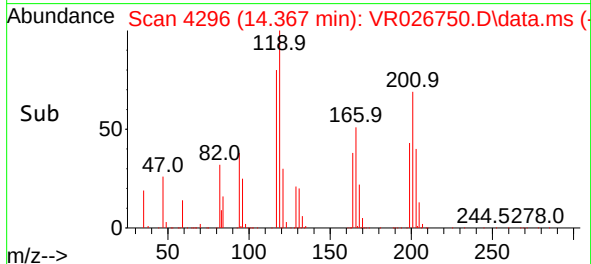
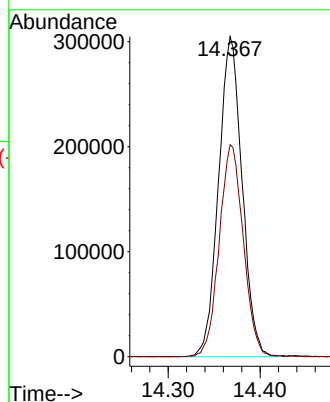
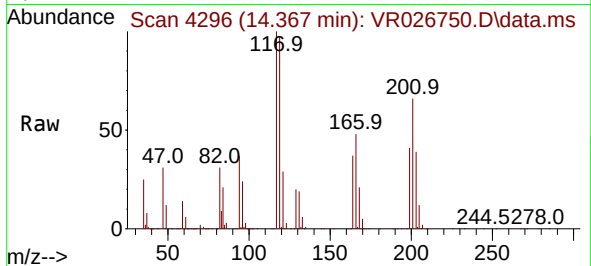




#89
Hexachloroethane
Concen: 52.620 ug/l
RT: 14.367 min Scan# 41
Delta R.T. 0.000 min
Lab File: VR026750.D
Acq: 21 Aug 2025 8:43

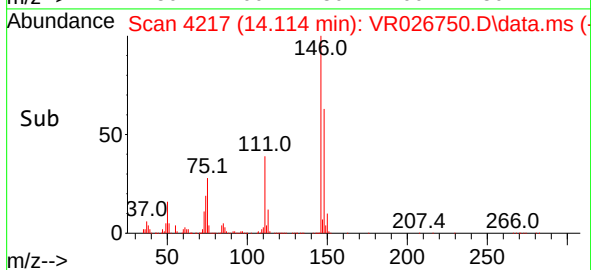
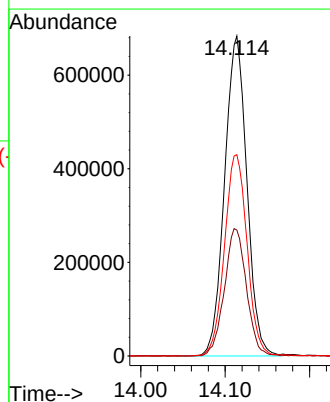
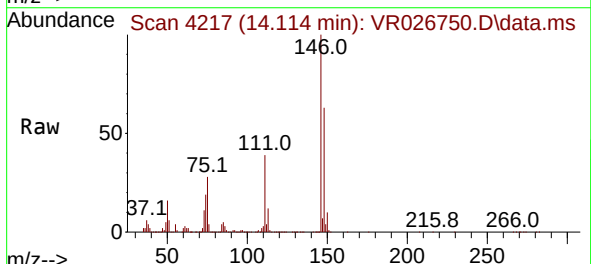
Instrument :
MSVOA_R
ClientSampleId :
VSTDCCC050

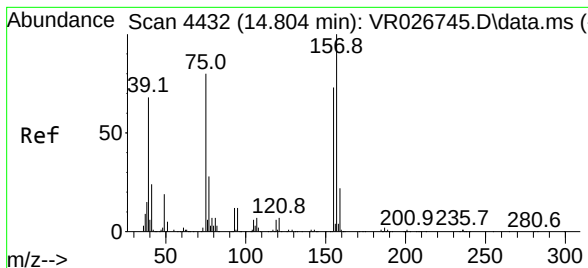
Tgt Ion:117 Resp: 541892
Ion Ratio Lower Upper
117 100
201 67.7 33.3 99.9



#90
1,2-Dichlorobenzene
Concen: 50.377 ug/l
RT: 14.114 min Scan# 4217
Delta R.T. 0.004 min
Lab File: VR026750.D
Acq: 21 Aug 2025 8:43

Tgt Ion:146 Resp: 1251350
Ion Ratio Lower Upper
146 100
111 39.4 19.9 59.7
148 64.0 31.5 94.5

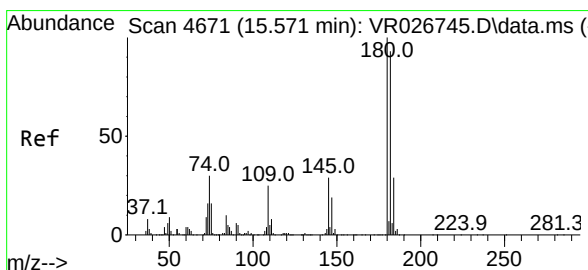
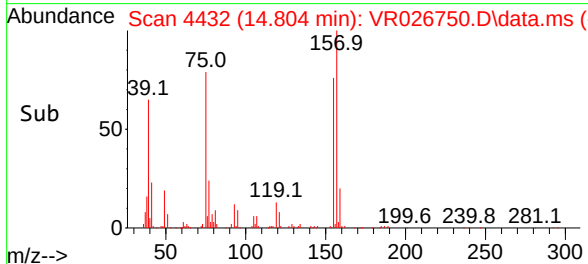
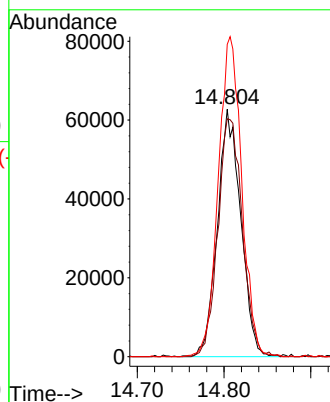
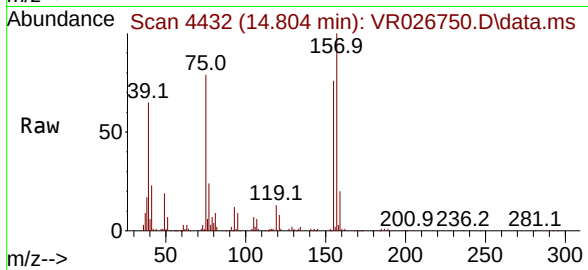




#91
1,2-Dibromo-3-Chloropropane
Concen: 45.427 ug/l
RT: 14.804 min Scan# 4432
Delta R.T. -0.000 min
Lab File: VR026750.D
Acq: 21 Aug 2025 8:43

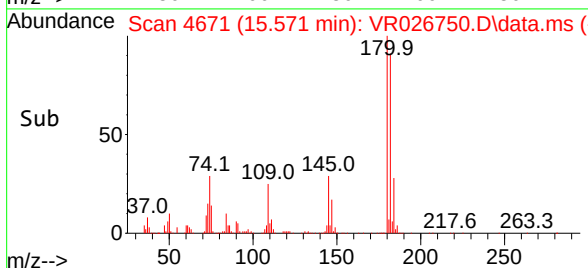
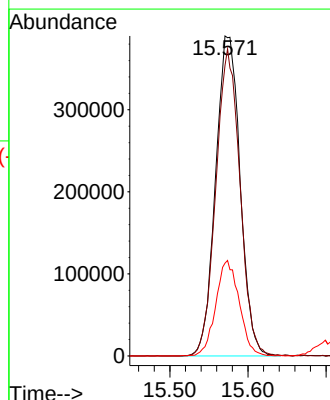
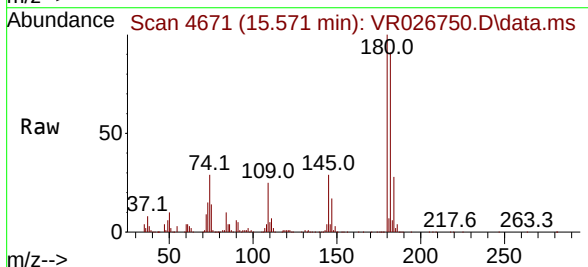
Instrument :
MSVOA_R
ClientSampleId :
VSTDCCC050

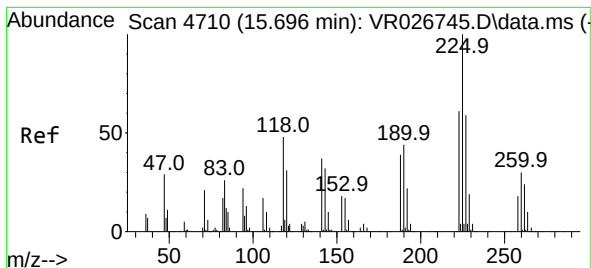
Tgt Ion: 75 Resp: 117323
Ion Ratio Lower Upper
75 100
155 100.6 48.4 145.3
157 129.6 62.3 186.8



#92
1,2,4-Trichlorobenzene
Concen: 52.243 ug/l
RT: 15.571 min Scan# 4671
Delta R.T. 0.000 min
Lab File: VR026750.D
Acq: 21 Aug 2025 8:43

Tgt Ion:180 Resp: 852603
Ion Ratio Lower Upper
180 100
182 94.3 47.1 141.4
145 28.5 14.4 43.4





#93

Hexachlorobutadiene

Concen: 55.642 ug/l

RT: 15.702 min Scan# 41

Delta R.T. 0.007 min

Lab File: VR026750.D

Acq: 21 Aug 2025 8:43

Instrument :

MSVOA_R

ClientSampleId :

VSTDCCC050

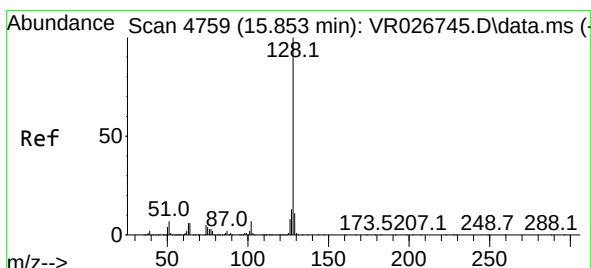
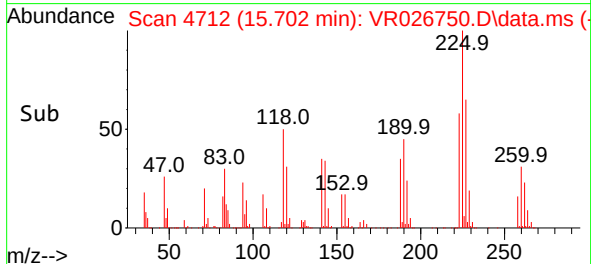
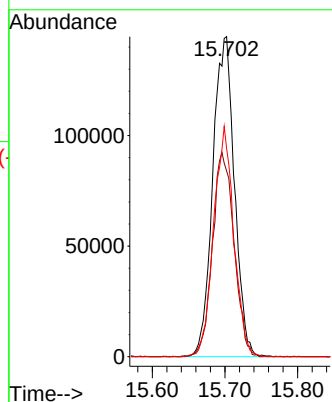
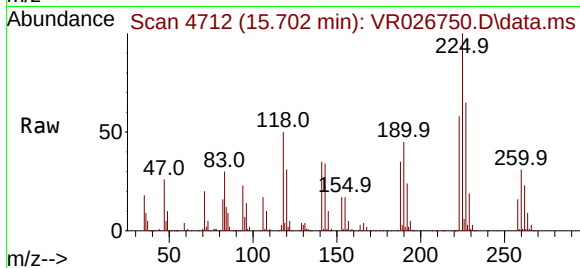
Tgt Ion:225 Resp: 299312

Ion Ratio Lower Upper

225 100

223 63.6 31.5 94.5

227 66.9 31.3 93.8



#94

Naphthalene

Concen: 44.917 ug/l

RT: 15.856 min Scan# 4760

Delta R.T. 0.003 min

Lab File: VR026750.D

Acq: 21 Aug 2025 8:43

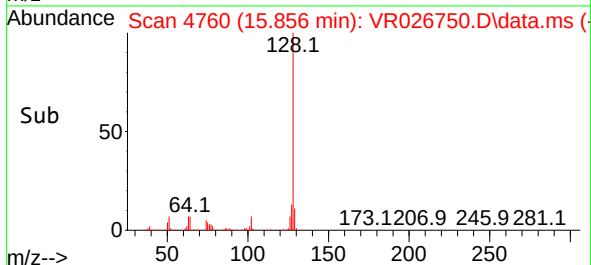
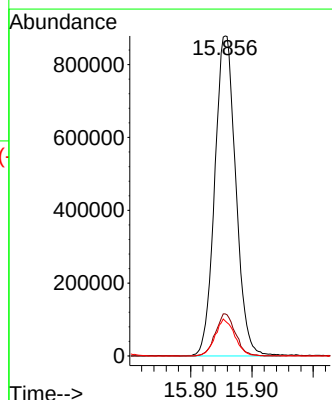
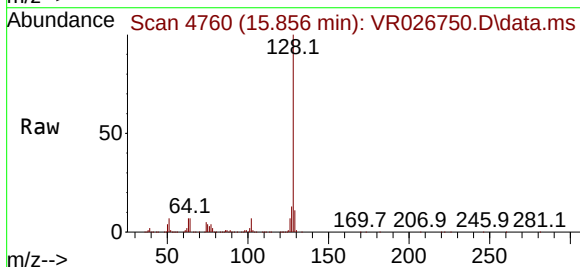
Tgt Ion:128 Resp: 2096019

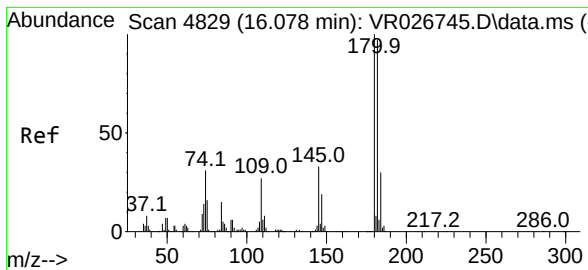
Ion Ratio Lower Upper

128 100

127 12.5 10.0 15.0

129 10.8 8.7 13.1





#95
 1,2,3-Trichlorobenzene
 Concen: 49.697 ug/l
 RT: 16.081 min Scan# 41
 Delta R.T. 0.003 min
 Lab File: VR026750.D
 Acq: 21 Aug 2025 8:43

Instrument :
 MSVOA_R
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.6	47.5	142.6
145	30.4	15.6	46.8

