

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL100925\
 Data File : VL043079.D
 Acq On : 09 Oct 2025 09:29
 Operator : SY/MD
 Sample : VSTDC0010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDC0010

Quant Time: Oct 09 22:11:22 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL100225AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri Oct 03 08:23:34 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.777	49	197992	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.942	114	568897	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.865	117	498408	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.364	95	412204	11.481	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	114.800%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.495	85	308523	9.246	ppbv	100
3) Chlorodifluoromethane	1.473	51	295319	9.148	ppbv	99
4) Chloromethane	1.531	50	112822	9.256	ppbv	97
5) Vinyl Chloride	1.576	62	106666	9.221	ppbv	97
6) Bromomethane	1.664	94	48615	9.353	ppbv	98
7) Chloroethane	1.699	64	44248	9.167	ppbv	98
8) Dichlorotetrafluoroethane	1.550	85	254941	9.324	ppbv	99
9) Propene	1.479	41	117817	9.052	ppbv	97
10) Heptane	4.959	43	328840	10.276	ppbv	99
11) Trichlorofluoromethane	1.874	101	314461	9.170	ppbv	100
12) 1,1,2-Trichlorotrifluo...	2.133	101	248138	9.187	ppbv	98
13) Ethanol	1.716	45	5305	9.977	ppbv	96
14) Bromoethene	1.777	108	90727	9.370	ppbv	99
15) Acetone	1.829	43	230776	8.325	ppbv	100
16) 1,3-Butadiene	1.605	39	105234	9.207	ppbv	99
17) tert-Butyl alcohol	2.033	59	272568	9.295	ppbv	100
18) 1,1-Dichloroethene	2.029	96	109177	9.221	ppbv	94
19) Isopropyl Alcohol	1.881	45	118918	8.953	ppbv	98
20) Methylene Chloride	2.055	84	94670	7.824	ppbv	95
21) Allyl Chloride	2.091	41	165355	9.310	ppbv	99
22) trans-1,2-Dichloroethene	2.334	96	122834	9.138	ppbv	97
23) Vinyl Acetate	2.453	43	50211	8.531	ppbv	97
24) 1,1-Dichloroethane	2.402	63	236357	9.276	ppbv	99
25) Ethyl Acetate	2.822	43	674648	9.701	ppbv	100
26) Hexane	2.816	57	262689	9.819	ppbv	98
27) Carbon Disulfide	2.146	76	295221	9.347	ppbv	100
28) Methyl tert-Butyl Ether	2.431	73	149976	8.958	ppbv	99
29) Chloroform	2.839	83	416143	9.124	ppbv	99
30) Cyclohexane	3.842	84	216243	9.837	ppbv	98
31) cis-1,2-Dichloroethene	2.712	61	250538	9.110	ppbv	99
32) 1,1,1-Trichloroethane	3.356	97	396570	8.946	ppbv	99
34) 2-Butanone	2.547	43	368929	9.558	ppbv	99
35) Carbon Tetrachloride	3.748	117	422481	9.026	ppbv	99
36) Benzene	3.645	78	523478	9.631	ppbv	99
37) 1,2-Dichloroethane	3.208	62	303020	9.413	ppbv	100
38) Trichloroethene	4.528	130	218456	9.648	ppbv	98
39) 1,2-Dichloropropane	4.298	63	191644	9.512	ppbv	97
40) 1,4-Dioxane	4.557	88	85932	9.944	ppbv #	94
41) Tetrahydrofuran	3.039	42	206359	10.344	ppbv	98
42) Bromodichloromethane	4.470	83	434122	9.550	ppbv	97
43) Methyl Methacrylate	4.858	69	184234	10.211	ppbv	99
44) 2,2,4-Trimethylpentane	4.622	57	887460	10.175	ppbv	99
45) t-1,3-Dichloropropene	6.389	75	156138	9.456	ppbv	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL100925\
 Data File : VL043079.D
 Acq On : 09 Oct 2025 09:29
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

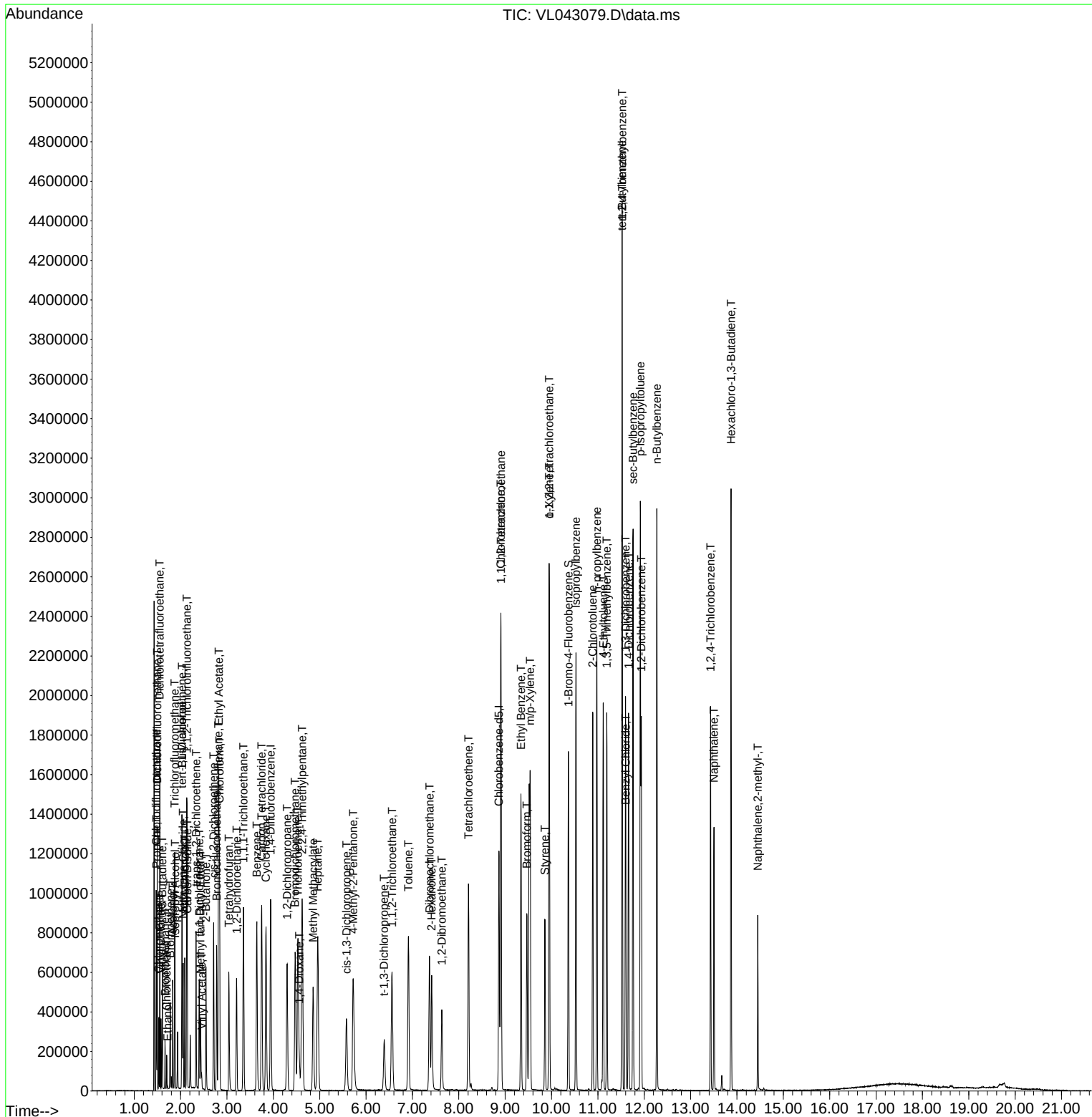
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

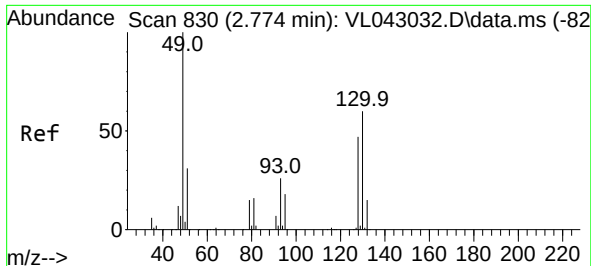
Quant Time: Oct 09 22:11:22 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL100225AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri Oct 03 08:23:34 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	5.577	75	225445	9.690	ppbv	97
47) 1,1,2-Trichloroethane	6.561	97	210090	9.375	ppbv	98
48) Dibromochloromethane	7.370	129	350743	9.590	ppbv	100
49) Bromoform	9.467	173	306339	10.029	ppbv	100
50) 4-Methyl-2-Pentanone	5.722	43	499008	10.601	ppbv	99
51) 2-Hexanone	7.415	43	379224	11.318	ppbv #	98
52) Tetrachloroethene	8.208	164	180730	8.980	ppbv	98
53) Toluene	6.914	91	563029	10.261	ppbv	100
54) 1,2-Dibromoethane	7.632	107	258790	9.743	ppbv	99
56) 1,1,1,2-Tetrachloroethane	8.911	131	278761	9.176	ppbv	99
57) Chlorobenzene	8.907	112	476463	9.043	ppbv	100
58) Ethyl Benzene	9.341	91	790793	10.241	ppbv	99
59) m/p-Xylene	9.538	91	618255	9.493	ppbv #	17
60) o-Xylene	9.950	91	669997	10.327	ppbv	99
61) Styrene	9.856	104	285291	10.497	ppbv	100
62) Isopropylbenzene	10.526	105	1002224	10.064	ppbv	99
63) 1,1,2,2-Tetrachloroethane	9.950	83	429967	9.238	ppbv	100
64) n-propylbenzene	10.979	120	267283	10.492	ppbv	100
65) tert-Butylbenzene	11.519	119	912563	10.296	ppbv	99
66) Benzyl Chloride	11.603	91	34544	10.197	ppbv	99
67) sec-Butylbenzene	11.759	105	1253016	10.131	ppbv	100
69) p-Isopropyltoluene	11.914	119	1045052	10.387	ppbv	100
70) n-Butylbenzene	12.270	91	1027696	10.608	ppbv	100
71) 2-Chlorotoluene	10.888	91	728220	10.103	ppbv	100
72) 4-Ethyltoluene	11.115	105	815476	10.561	ppbv	100
73) 1,3,5-Trimethylbenzene	11.192	105	686235	10.273	ppbv	99
74) 1,2,4-Trimethylbenzene	11.526	105	777637	10.315	ppbv	98
75) 1,3-Dichlorobenzene	11.597	146	466131	9.506	ppbv	100
76) 1,4-Dichlorobenzene	11.662	146	464723	9.940	ppbv	99
77) 1,2-Dichlorobenzene	11.937	146	447776	9.168	ppbv	99
78) Hexachloro-1,3-Butadiene	13.872	225	300771	8.838	ppbv	99
79) Naphthalene	13.503	128	574353	9.050	ppbv	100
80) Naphthalene,2-methyl-	14.448	142	221717	7.599	ppbv	99
81) 1,2,4-Trichlorobenzene	13.432	180	310073	10.671	ppbv	99

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

Quant Time: Oct 09 22:11:22 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL100225AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Fri Oct 03 08:23:34 2025
Response via : Initial Calibration

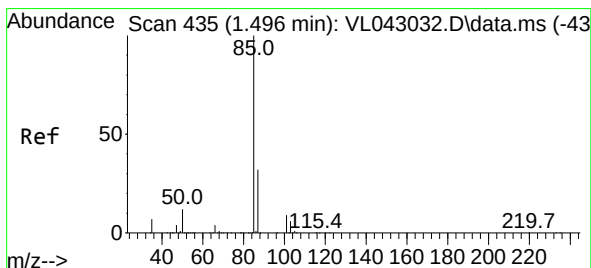
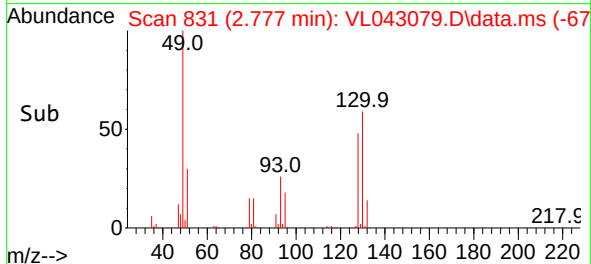
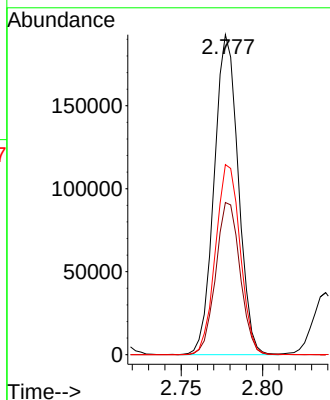
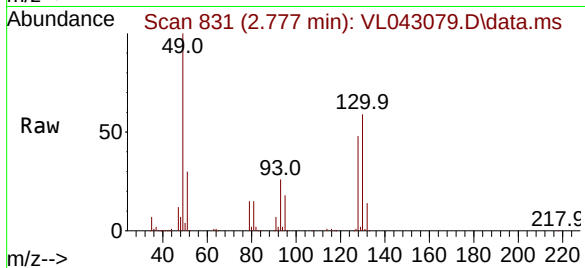




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.777 min Scan# 831
Delta R.T. 0.003 min
Lab File: VL043079.D
Acq: 09 Oct 2025 09:29

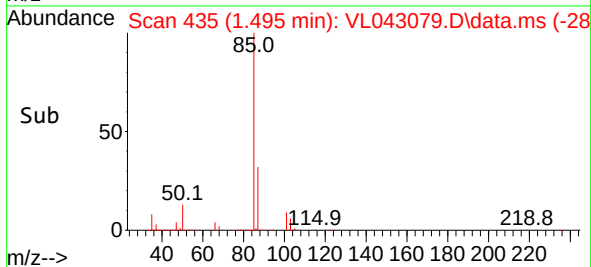
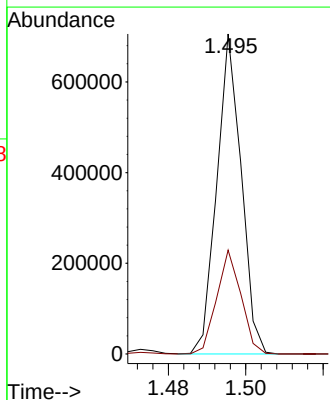
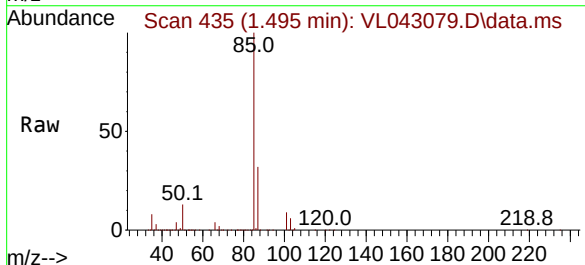
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

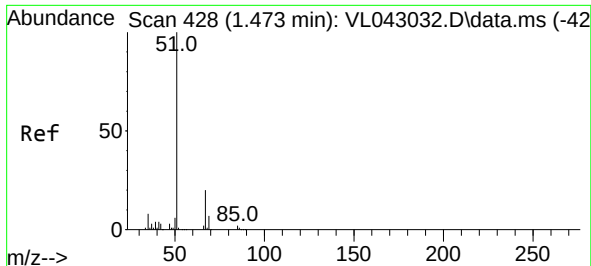
Tgt Ion: 49 Resp: 197992
Ion Ratio Lower Upper
49 100
128 48.0 24.1 72.2
130 60.8 31.4 94.3



#2
Dichlorodifluoromethane
Concen: 9.246 ppbv
RT: 1.495 min Scan# 435
Delta R.T. -0.000 min
Lab File: VL043079.D
Acq: 09 Oct 2025 09:29

Tgt Ion: 85 Resp: 308523
Ion Ratio Lower Upper
85 100
87 32.5 25.8 38.6

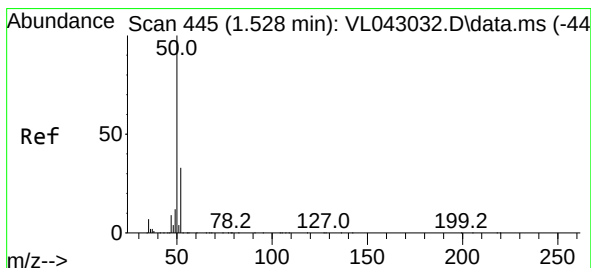
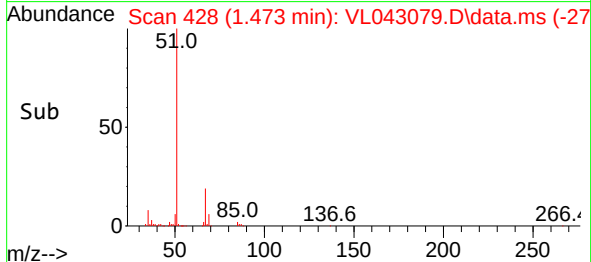
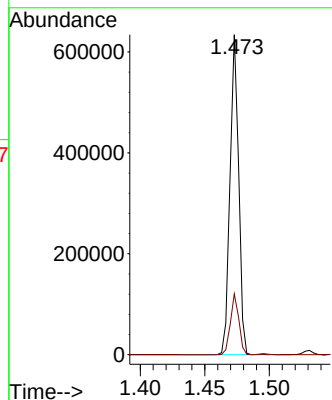
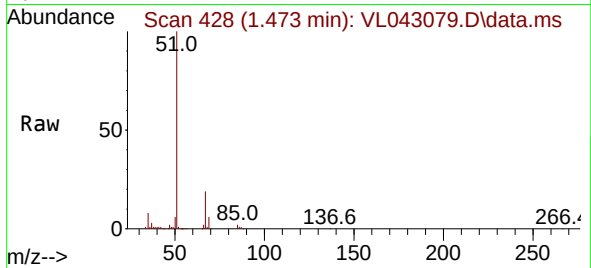




#3
Chlorodifluoromethane
Concen: 9.148 ppbv
RT: 1.473 min Scan# 41
Delta R.T. -0.000 min
Lab File: VL043079.D
Acq: 09 Oct 2025 09:29

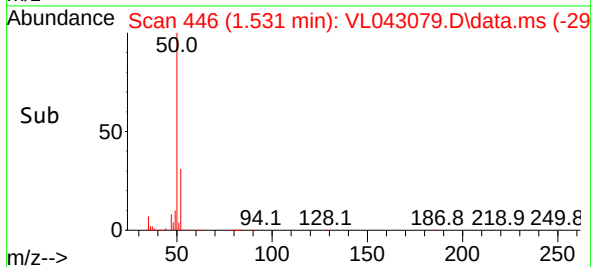
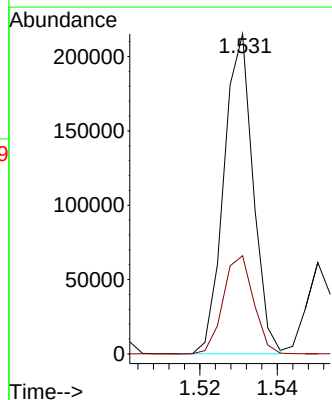
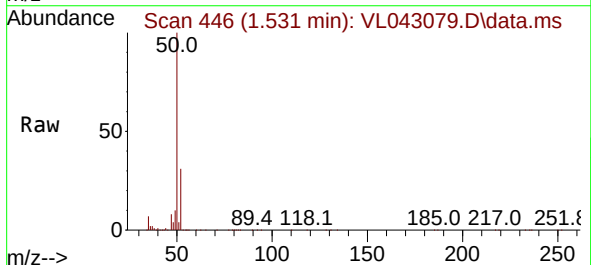
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

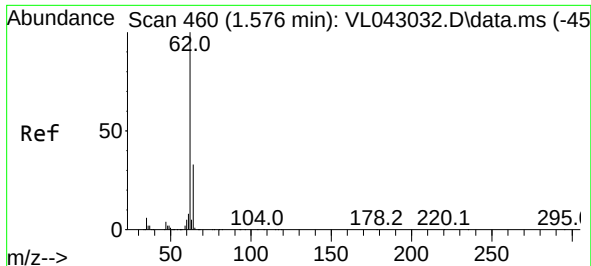
Tgt Ion: 51 Resp: 295319
Ion Ratio Lower Upper
51 100
67 18.7 15.1 22.7



#4
Chloromethane
Concen: 9.256 ppbv
RT: 1.531 min Scan# 446
Delta R.T. 0.003 min
Lab File: VL043079.D
Acq: 09 Oct 2025 09:29

Tgt Ion: 50 Resp: 112822
Ion Ratio Lower Upper
50 100
52 30.8 26.2 39.2

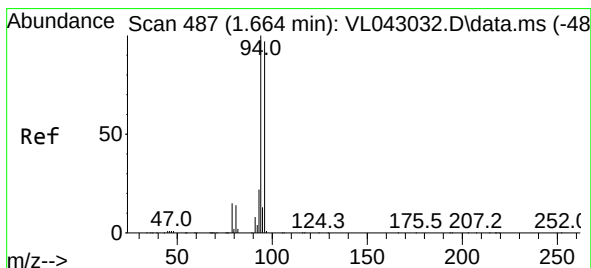
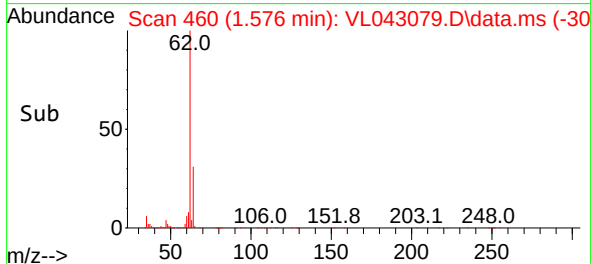
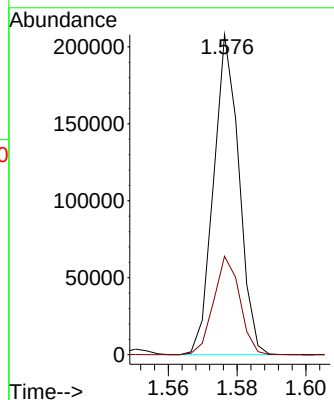
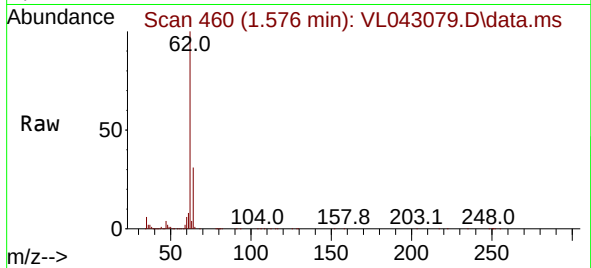




#5
 Vinyl Chloride
 Concen: 9.221 ppbv
 RT: 1.576 min Scan# 460
 Delta R.T. -0.000 min
 Lab File: VL043079.D
 Acq: 09 Oct 2025 09:29

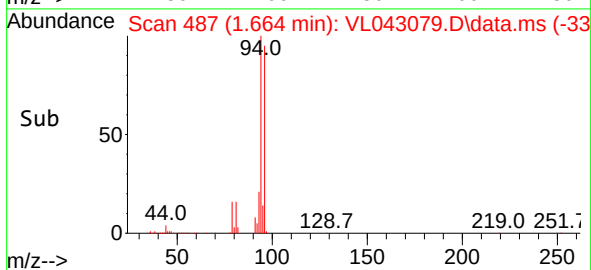
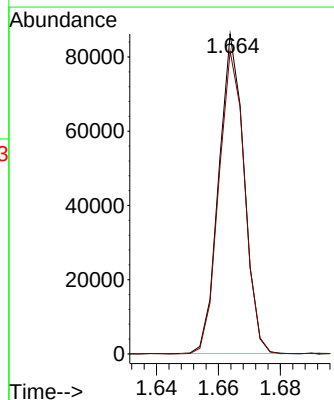
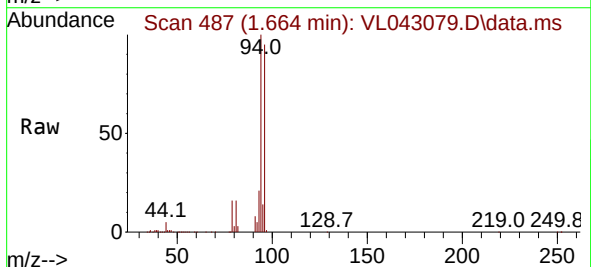
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDCCC010

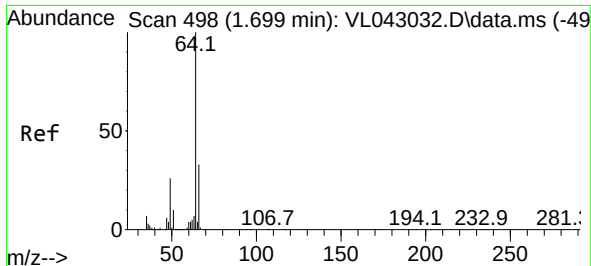
Tgt Ion: 62 Resp: 106666
 Ion Ratio Lower Upper
 62 100
 64 30.8 26.2 39.2



#6
 Bromomethane
 Concen: 9.353 ppbv
 RT: 1.664 min Scan# 487
 Delta R.T. -0.000 min
 Lab File: VL043079.D
 Acq: 09 Oct 2025 09:29

Tgt Ion: 94 Resp: 48615
 Ion Ratio Lower Upper
 94 100
 96 94.8 77.6 116.4

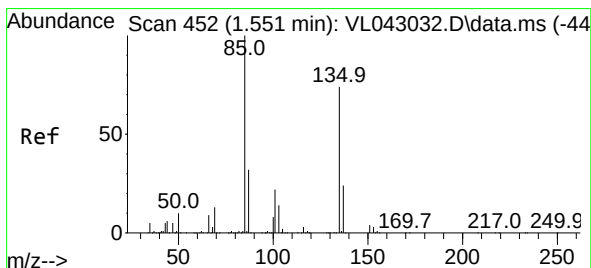
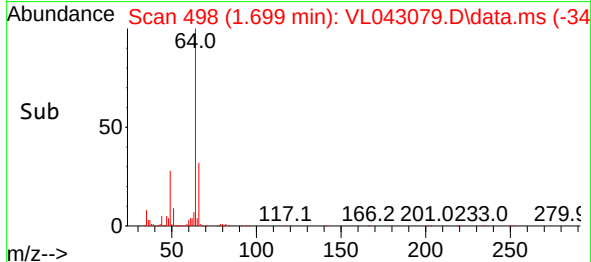
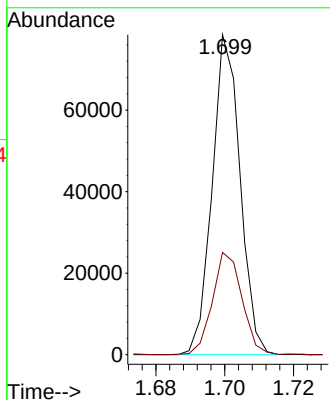
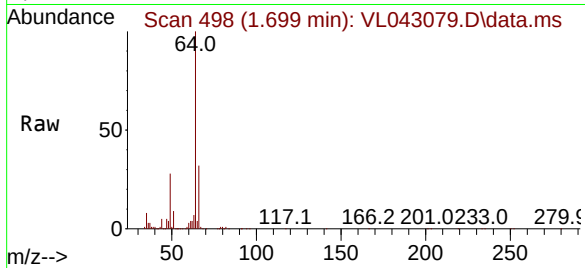




#7
Chloroethane
Concen: 9.167 ppbv
RT: 1.699 min Scan# 498
Delta R.T. -0.000 min
Lab File: VL043079.D
Acq: 09 Oct 2025 09:29

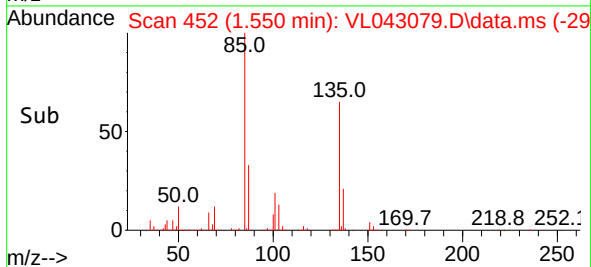
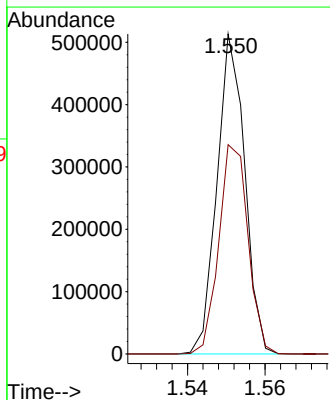
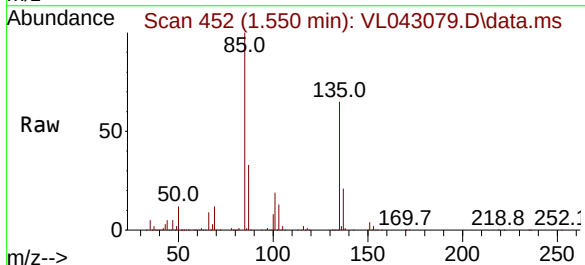
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

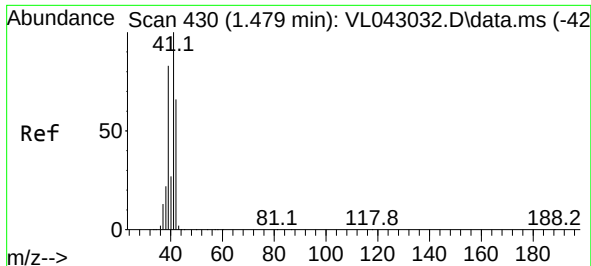
Tgt Ion: 64 Resp: 44248
Ion Ratio Lower Upper
64 100
66 31.9 26.6 39.8



#8
Dichlorotetrafluoroethane
Concen: 9.324 ppbv
RT: 1.550 min Scan# 452
Delta R.T. -0.000 min
Lab File: VL043079.D
Acq: 09 Oct 2025 09:29

Tgt Ion: 85 Resp: 254941
Ion Ratio Lower Upper
85 100
135 69.2 56.3 84.5





#9

Propene

Concen: 9.052 ppbv

RT: 1.479 min Scan# 41

Delta R.T. -0.000 min

Lab File: VL043079.D

Acq: 09 Oct 2025 09:29

Instrument :

MSVOA_L

ClientSampleId :

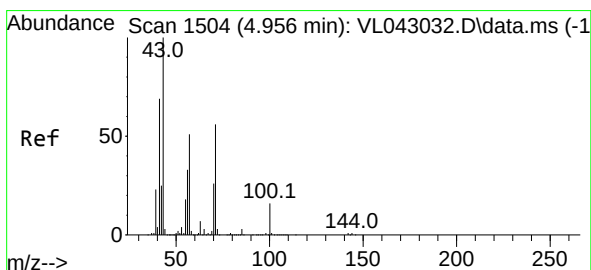
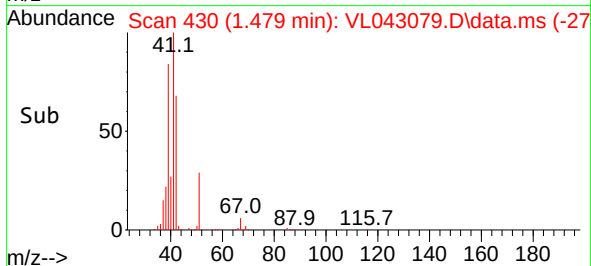
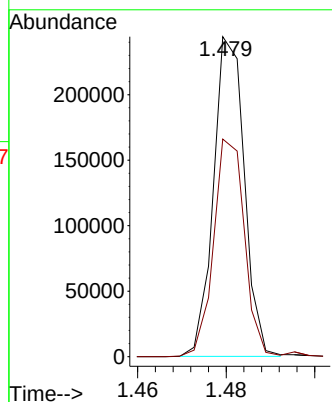
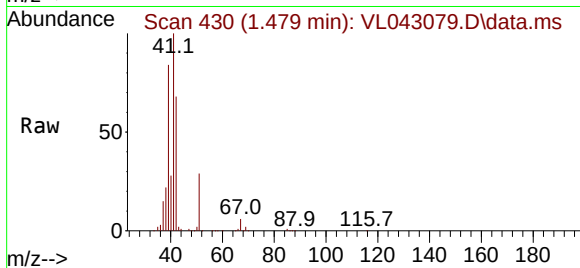
VSTDCCC010

Tgt Ion: 41 Resp: 117817

Ion Ratio Lower Upper

41 100

42 69.2 53.3 79.9



#10

Heptane

Concen: 10.276 ppbv

RT: 4.959 min Scan# 1505

Delta R.T. 0.003 min

Lab File: VL043079.D

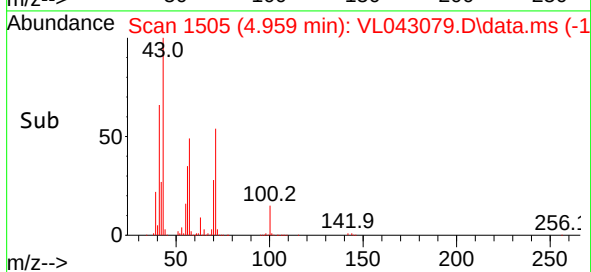
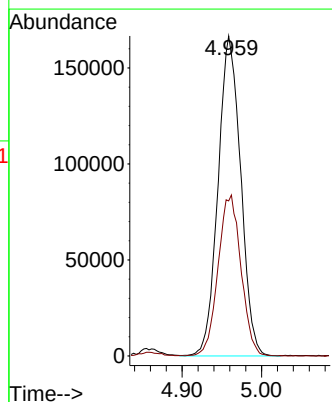
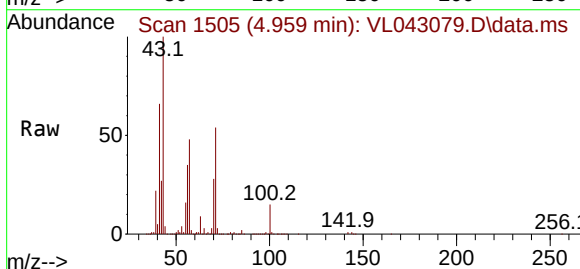
Acq: 09 Oct 2025 09:29

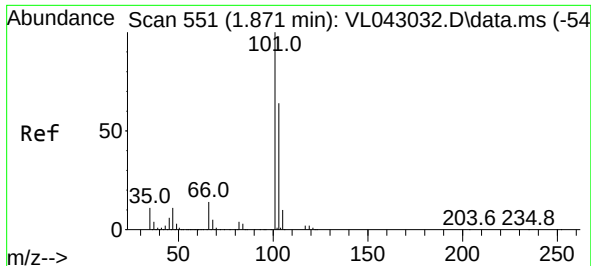
Tgt Ion: 43 Resp: 328840

Ion Ratio Lower Upper

43 100

57 51.1 40.3 60.5

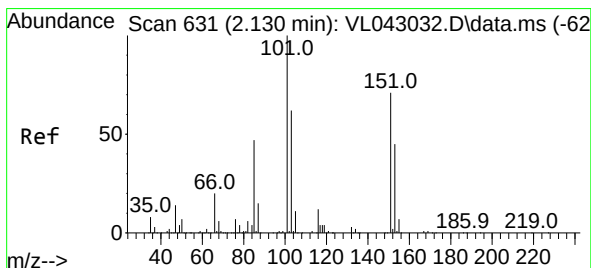
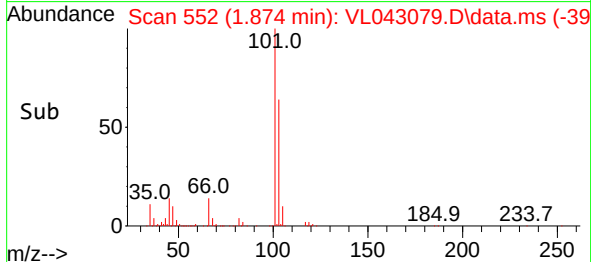
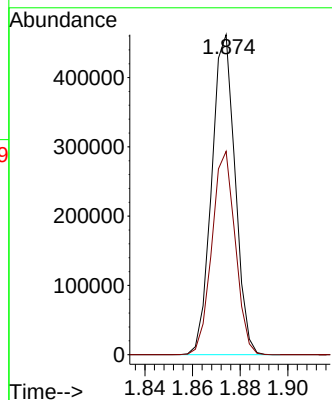
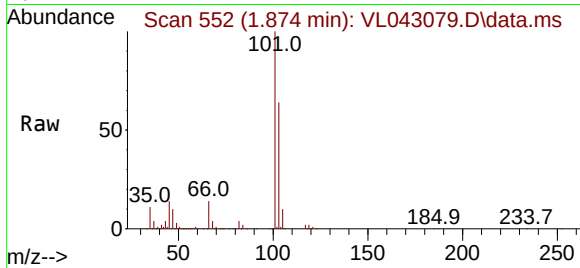




#11
 Trichlorofluoromethane
 Concen: 9.170 ppbv
 RT: 1.874 min Scan# 51
 Delta R.T. 0.003 min
 Lab File: VL043079.D
 Acq: 09 Oct 2025 09:29

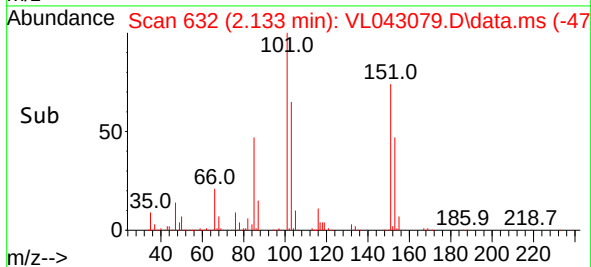
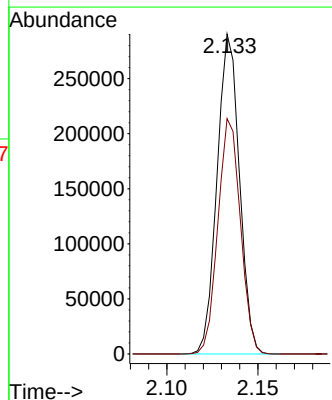
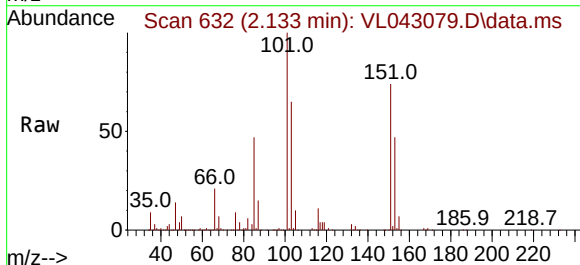
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

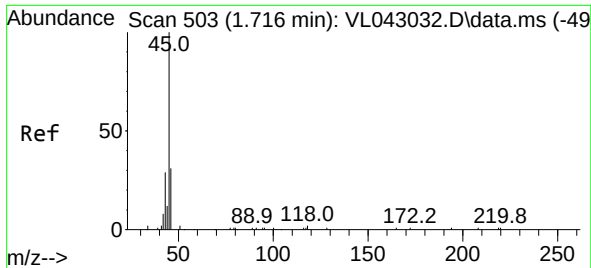
Tgt Ion:101 Resp: 314461
 Ion Ratio Lower Upper
 101 100
 103 63.6 51.1 76.7



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 9.187 ppbv
 RT: 2.133 min Scan# 632
 Delta R.T. 0.003 min
 Lab File: VL043079.D
 Acq: 09 Oct 2025 09:29

Tgt Ion:101 Resp: 248138
 Ion Ratio Lower Upper
 101 100
 151 73.9 58.1 87.1

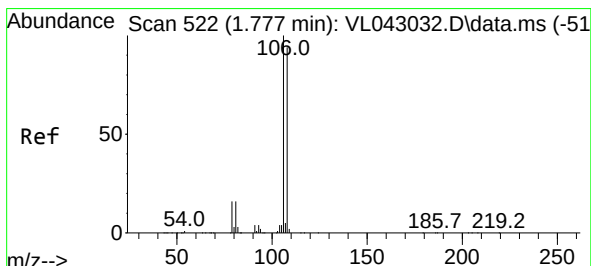
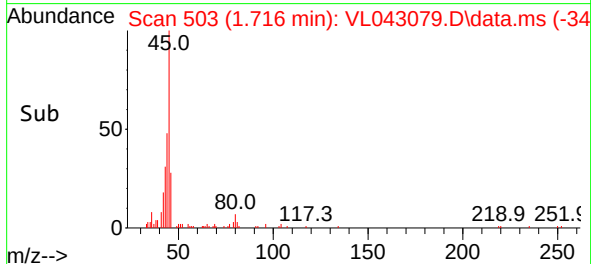
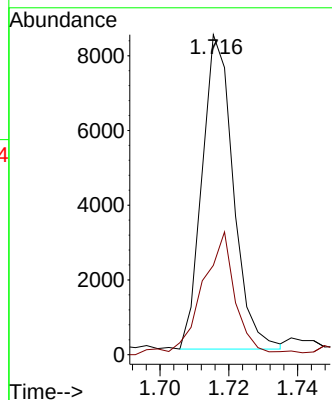
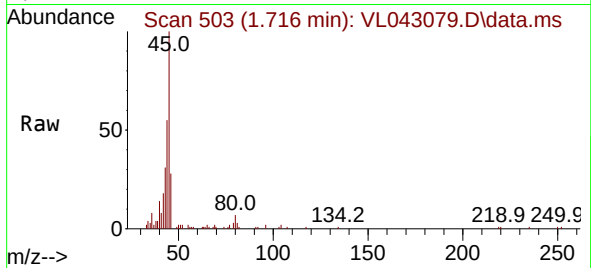




#13
Ethanol
Concen: 9.977 ppbv
RT: 1.716 min Scan# 503
Delta R.T. -0.000 min
Lab File: VL043079.D
Acq: 09 Oct 2025 09:29

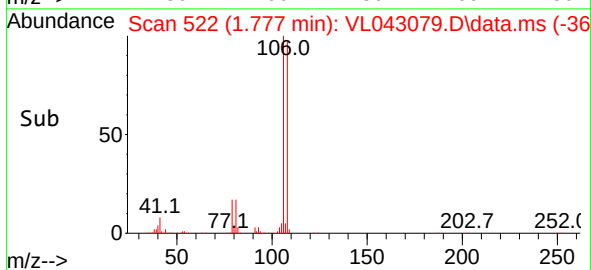
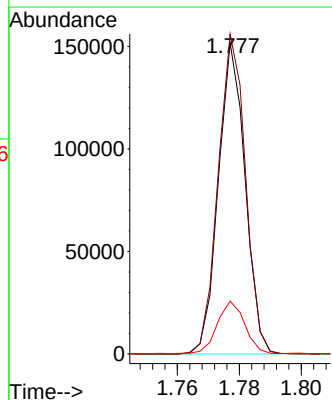
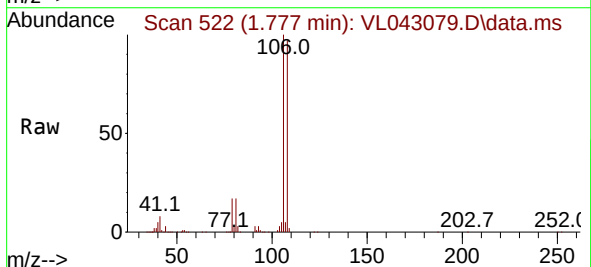
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

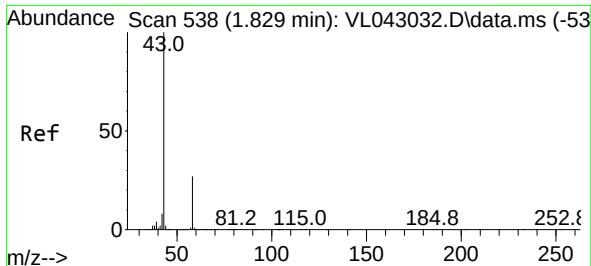
Tgt Ion: 45 Resp: 5305
Ion Ratio Lower Upper
45 100
46 42.3 17.8 71.4



#14
Bromoethene
Concen: 9.370 ppbv
RT: 1.777 min Scan# 522
Delta R.T. -0.000 min
Lab File: VL043079.D
Acq: 09 Oct 2025 09:29

Tgt Ion: 108 Resp: 90727
Ion Ratio Lower Upper
108 100
106 105.5 85.2 127.8
79 17.4 14.8 22.2

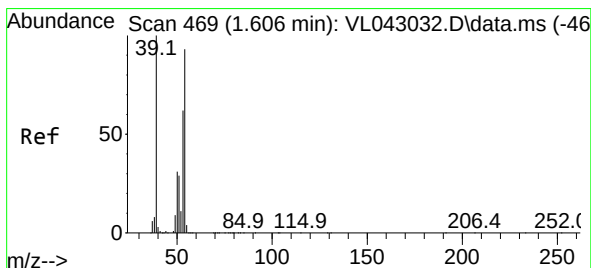
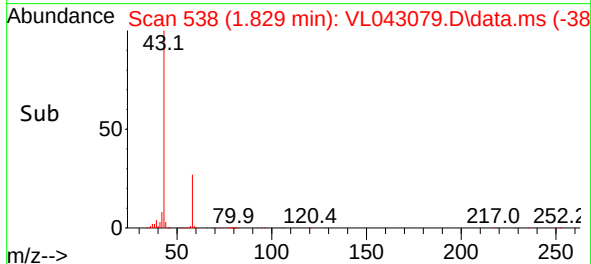
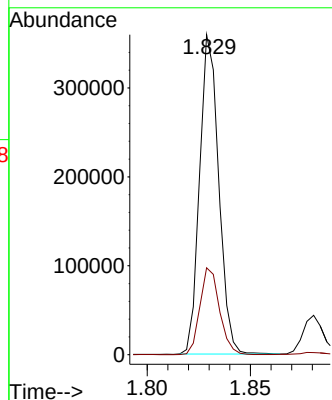
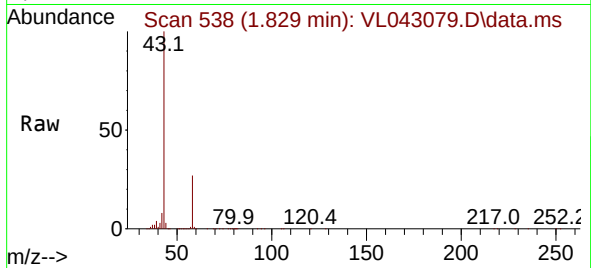




#15
Acetone
Concen: 8.325 ppbv
RT: 1.829 min Scan# 51
Delta R.T. -0.000 min
Lab File: VL043079.D
Acq: 09 Oct 2025 09:29

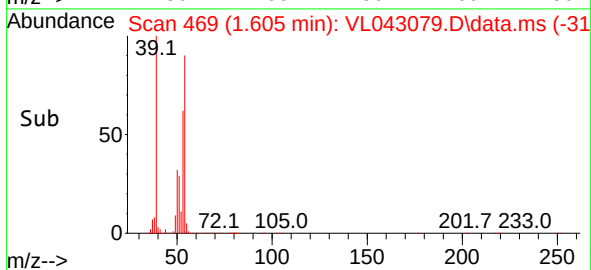
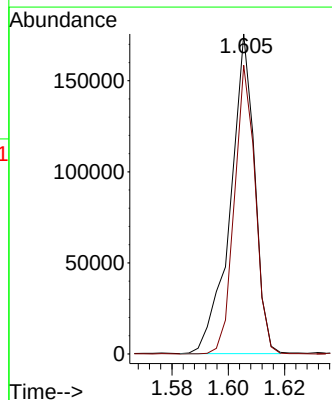
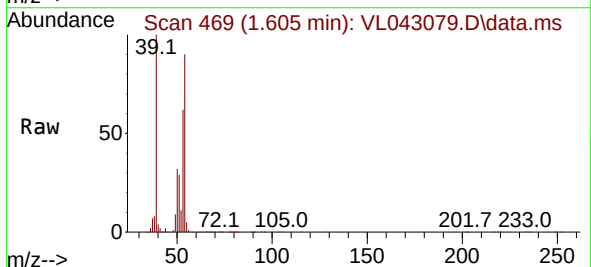
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

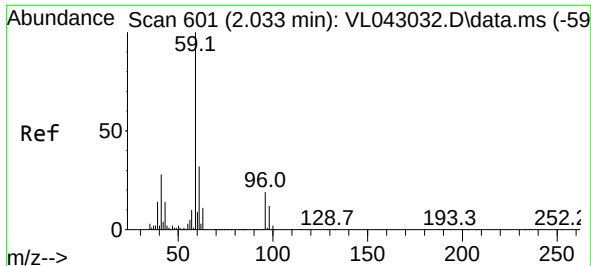
Tgt Ion: 43 Resp: 230776
Ion Ratio Lower Upper
43 100
58 28.0 22.2 33.4



#16
1,3-Butadiene
Concen: 9.207 ppbv
RT: 1.605 min Scan# 469
Delta R.T. -0.000 min
Lab File: VL043079.D
Acq: 09 Oct 2025 09:29

Tgt Ion: 39 Resp: 105234
Ion Ratio Lower Upper
39 100
54 77.4 61.4 92.2





#17

tert-Butyl alcohol

Concen: 9.295 ppbv

RT: 2.033 min Scan# 601

Delta R.T. -0.000 min

Lab File: VL043079.D

Acq: 09 Oct 2025 09:29

Instrument :

MSVOA_L

ClientSampleId :

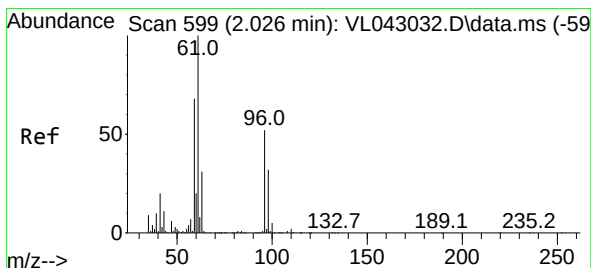
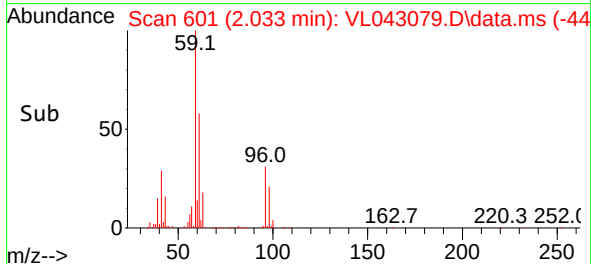
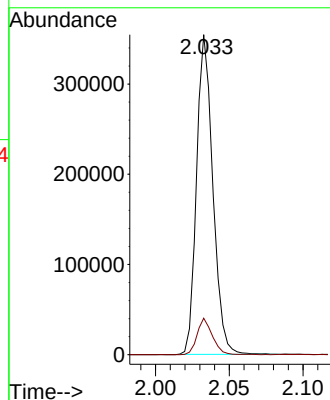
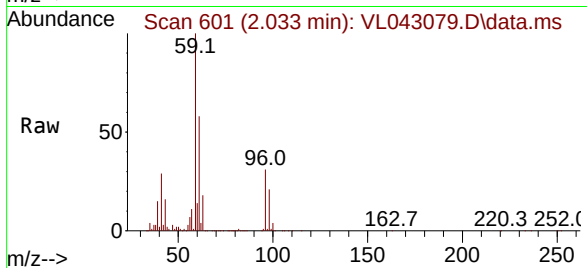
VSTDCCC010

Tgt Ion: 59 Resp: 272568

Ion Ratio Lower Upper

59 100

57 10.7 8.5 12.7



#18

1,1-Dichloroethene

Concen: 9.221 ppbv

RT: 2.029 min Scan# 600

Delta R.T. 0.003 min

Lab File: VL043079.D

Acq: 09 Oct 2025 09:29

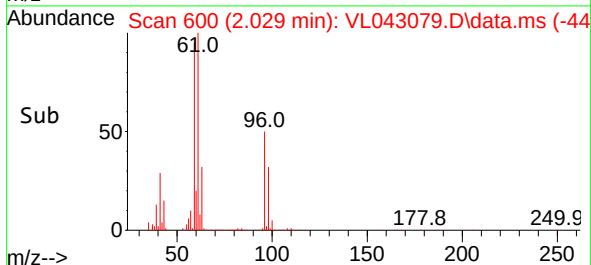
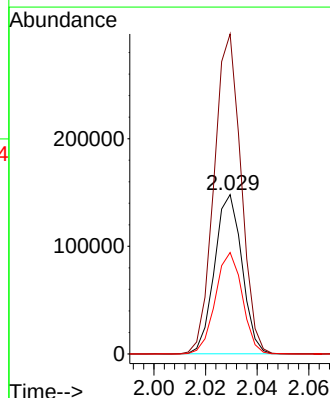
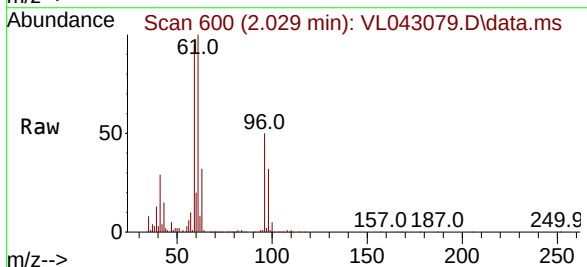
Tgt Ion: 96 Resp: 109177

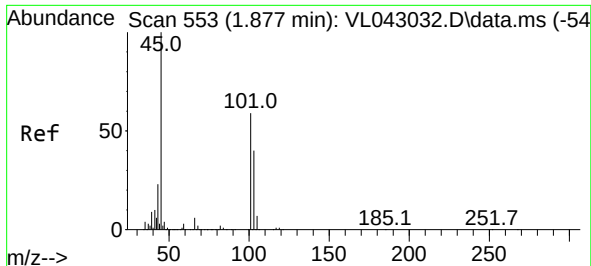
Ion Ratio Lower Upper

96 100

61 200.9 153.0 229.6

98 63.7 48.8 73.2

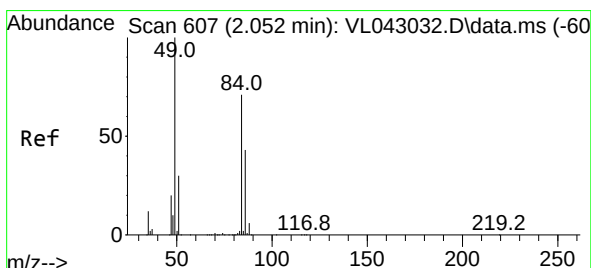
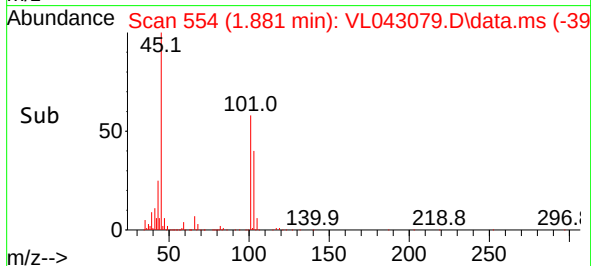
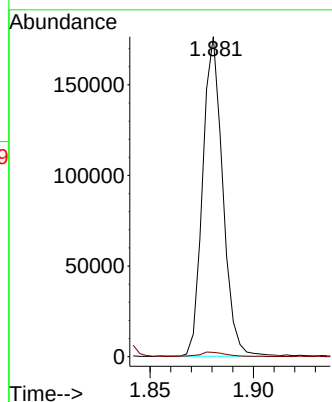
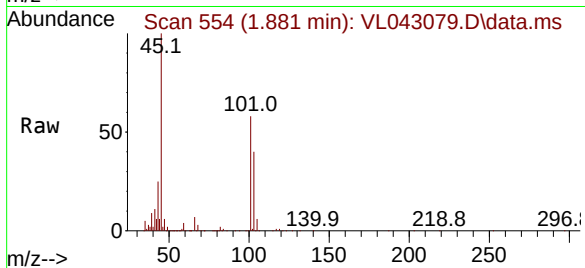




#19
Isopropyl Alcohol
Concen: 8.953 ppbv
RT: 1.881 min Scan# 511
Delta R.T. 0.003 min
Lab File: VL043079.D
Acq: 09 Oct 2025 09:29

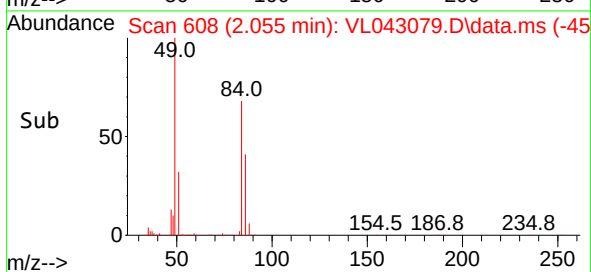
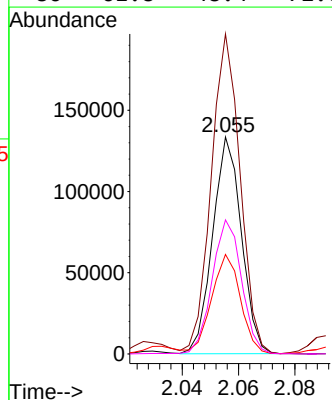
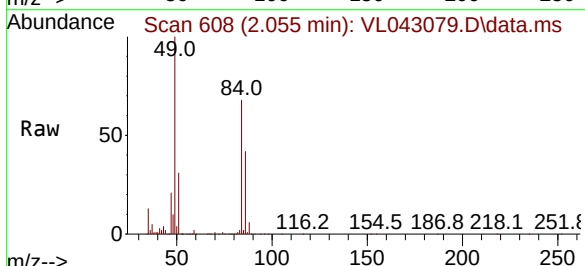
Instrument :
MSVOA_1
ClientSampleId :
VSTDCCC010

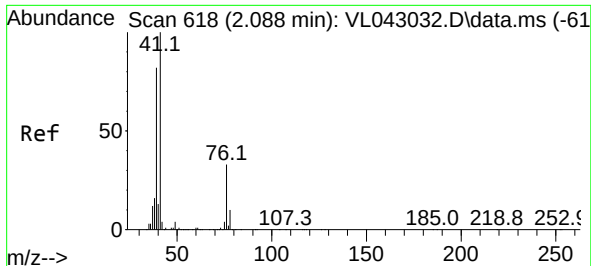
Tgt Ion: 45 Resp: 118918
Ion Ratio Lower Upper
45 100
58 54.3 42.3 63.5



#20
Methylene Chloride
Concen: 7.824 ppbv
RT: 2.055 min Scan# 608
Delta R.T. 0.003 min
Lab File: VL043079.D
Acq: 09 Oct 2025 09:29

Tgt Ion: 84 Resp: 94670
Ion Ratio Lower Upper
84 100
49 147.5 112.5 168.7
51 45.8 34.2 51.2
86 61.8 48.4 72.6

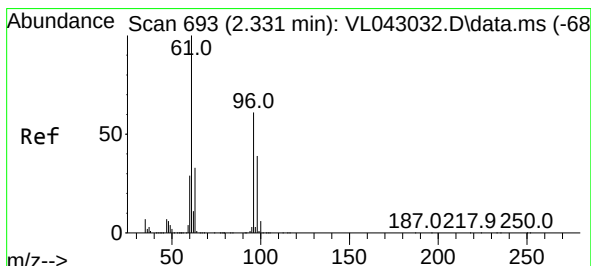
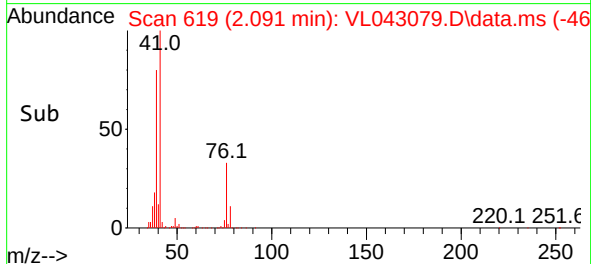
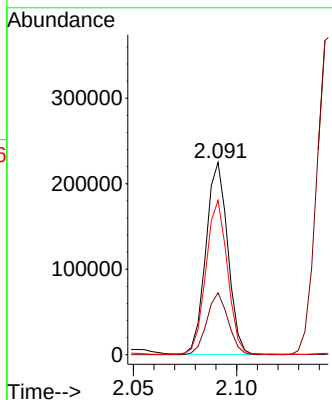
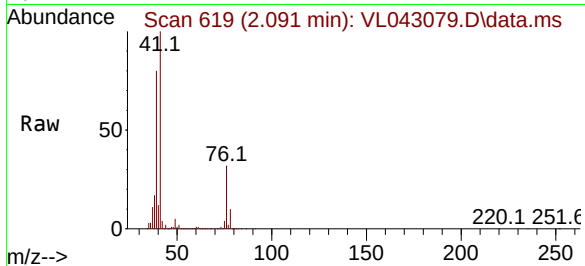




#21
 Allyl Chloride
 Concen: 9.310 ppbv
 RT: 2.091 min Scan# 618
 Delta R.T. 0.003 min
 Lab File: VL043079.D
 Acq: 09 Oct 2025 09:29

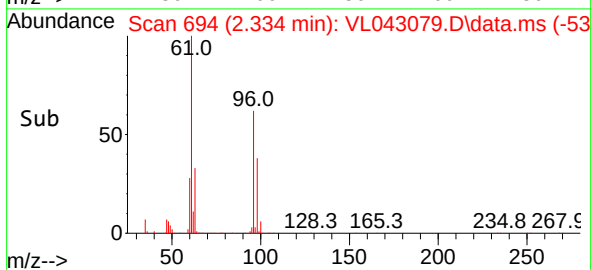
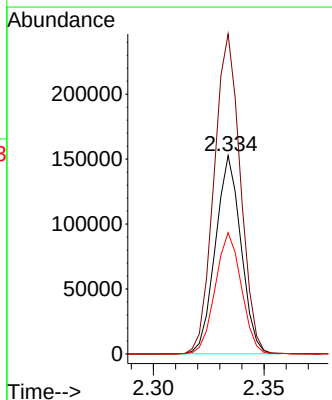
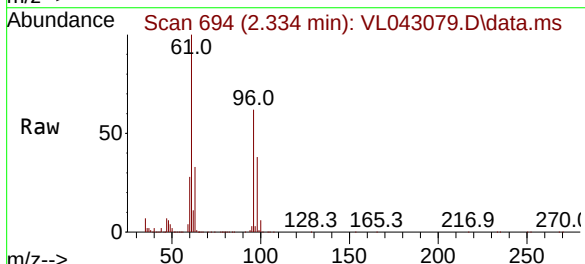
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

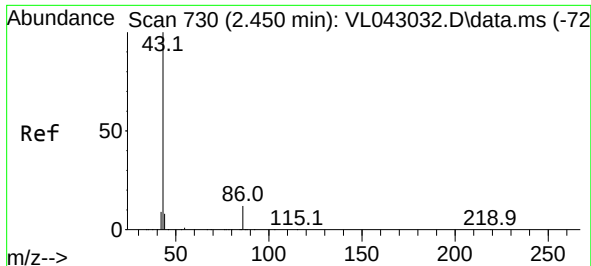
Tgt Ion: 41 Resp: 165355
 Ion Ratio Lower Upper
 41 100
 76 31.4 25.9 38.9
 39 79.3 63.0 94.4



#22
 trans-1,2-Dichloroethene
 Concen: 9.138 ppbv
 RT: 2.334 min Scan# 694
 Delta R.T. 0.003 min
 Lab File: VL043079.D
 Acq: 09 Oct 2025 09:29

Tgt Ion: 96 Resp: 122834
 Ion Ratio Lower Upper
 96 100
 61 161.2 131.9 197.9
 98 61.1 52.1 78.1

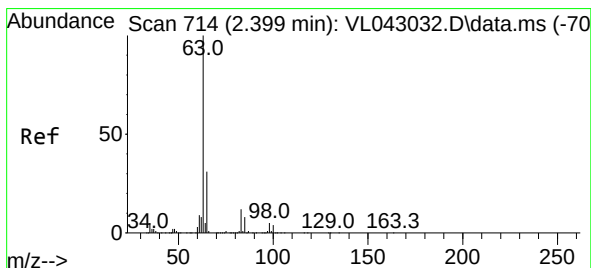
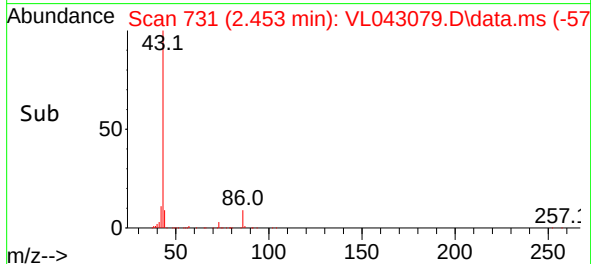
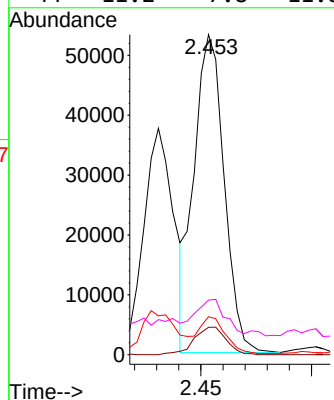
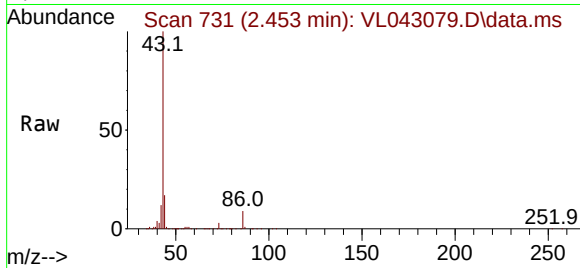




#23
 Vinyl Acetate
 Concen: 8.531 ppbv
 RT: 2.453 min Scan# 715
 Delta R.T. 0.003 min
 Lab File: VL043079.D
 Acq: 09 Oct 2025 09:29

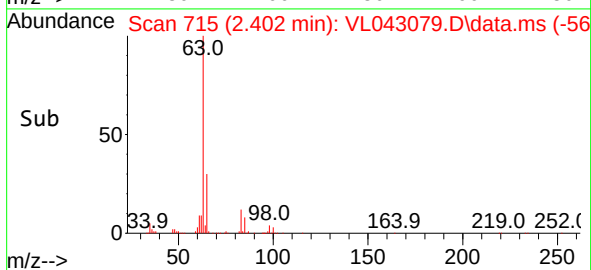
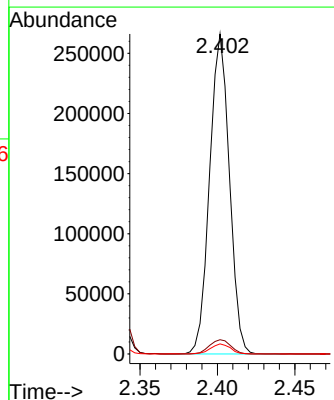
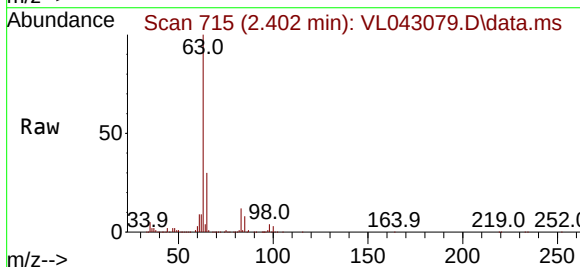
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

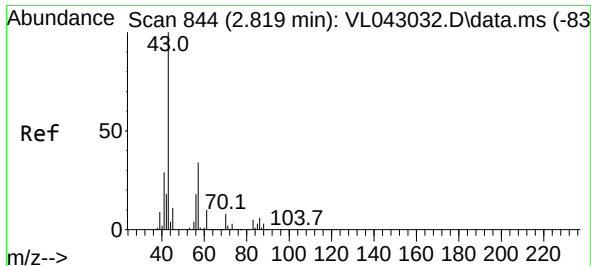
Tgt Ion: 43	Resp: 50211
Ion Ratio	Lower Upper
43 100	
86 8.6	7.5 11.3
42 11.5	8.4 12.6
44 11.2	7.8 11.8



#24
 1,1-Dichloroethane
 Concen: 9.276 ppbv
 RT: 2.402 min Scan# 715
 Delta R.T. 0.003 min
 Lab File: VL043079.D
 Acq: 09 Oct 2025 09:29

Tgt Ion: 63	Resp: 236357
Ion Ratio	Lower Upper
63 100	
98 4.5	2.5 7.4
100 3.2	1.8 5.4

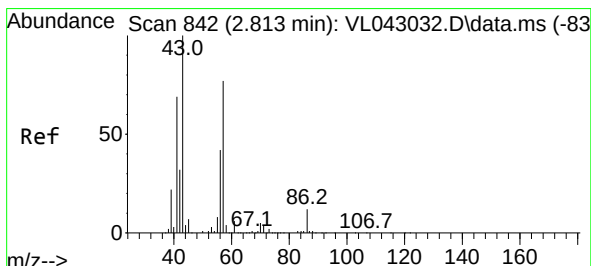
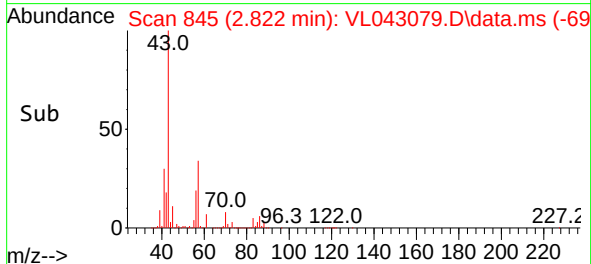
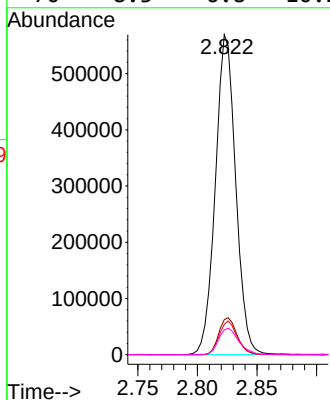
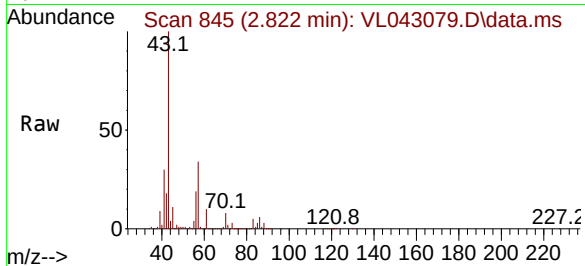




#25
Ethyl Acetate
Concen: 9.701 ppbv
RT: 2.822 min Scan# 844
Delta R.T. 0.003 min
Lab File: VL043079.D
Acq: 09 Oct 2025 09:29

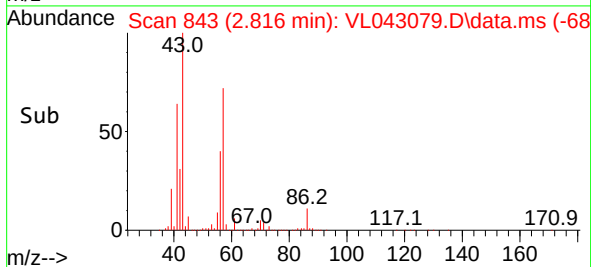
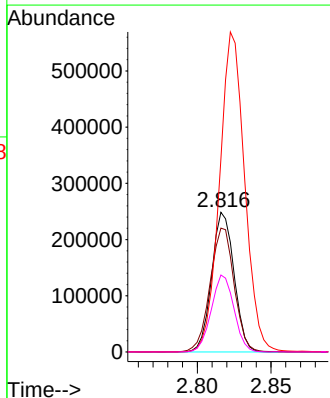
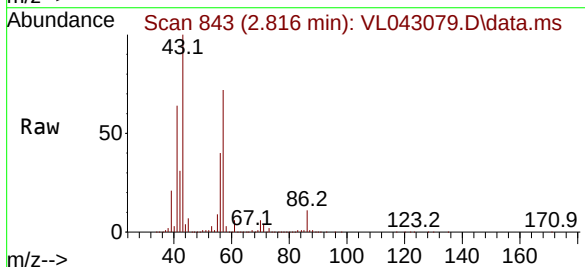
Instrument :
MSVOA_1
ClientSampleId :
VSTDCCC010

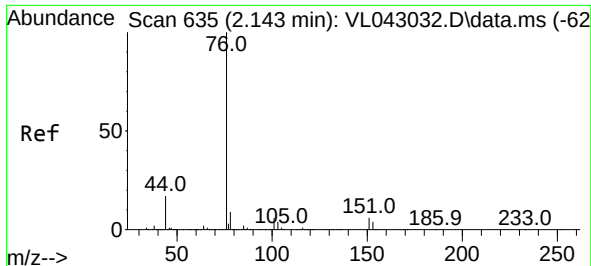
Tgt Ion: 43	Resp: 674648
Ion Ratio	Lower Upper
43 100	
45 10.4	8.3 12.5
61 9.4	7.5 11.3
70 8.3	6.8 10.2



#26
Hexane
Concen: 9.819 ppbv
RT: 2.816 min Scan# 843
Delta R.T. 0.003 min
Lab File: VL043079.D
Acq: 09 Oct 2025 09:29

Tgt Ion: 57	Resp: 262689		
Ion	Ratio	Lower	Upper
57	100		
41	95.7	76.1	114.1
43	257.8	201.4	302.0
56	55.9	44.0	66.0

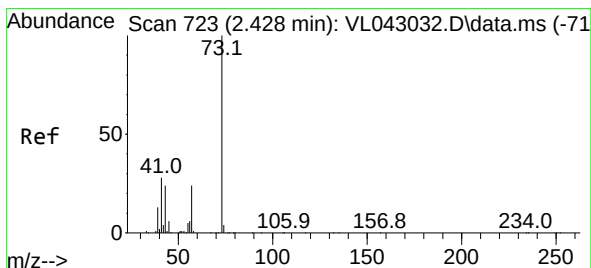
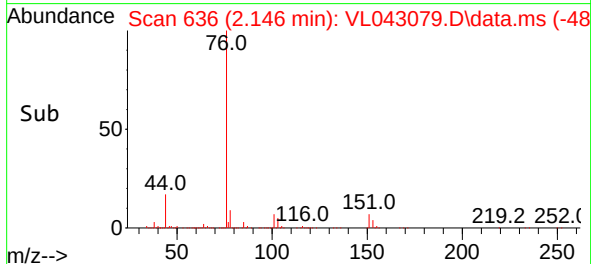
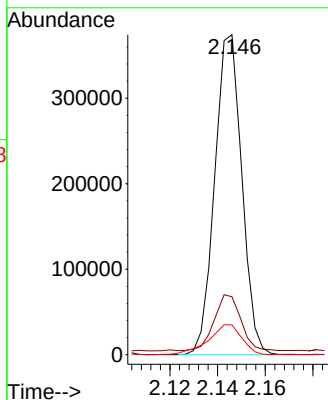
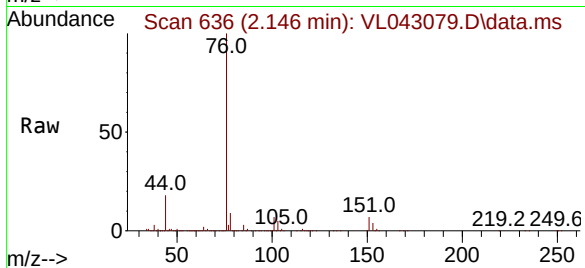




#27
Carbon Disulfide
Concen: 9.347 ppbv
RT: 2.146 min Scan# 611
Delta R.T. 0.003 min
Lab File: VL043079.D
Acq: 09 Oct 2025 09:29

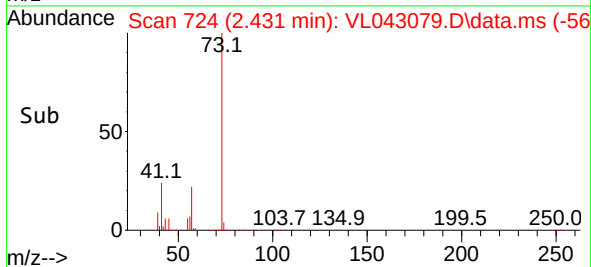
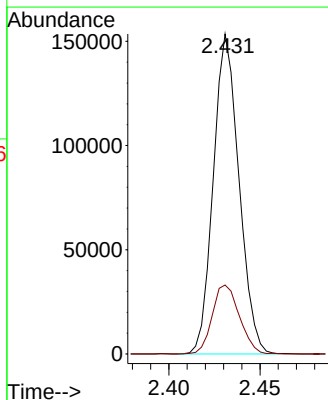
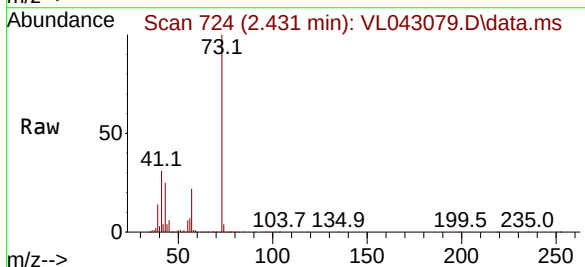
Instrument :
MSVOA_1
ClientSampleId :
VSTDCCC010

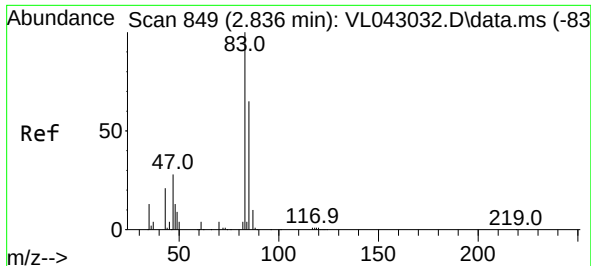
Tgt Ion: 76 Resp: 295221
Ion Ratio Lower Upper
76 100
44 17.6 14.0 21.0
78 11.7 9.4 14.0



#28
Methyl tert-Butyl Ether
Concen: 8.958 ppbv
RT: 2.431 min Scan# 724
Delta R.T. 0.003 min
Lab File: VL043079.D
Acq: 09 Oct 2025 09:29

Tgt Ion: 73 Resp: 149976
Ion Ratio Lower Upper
73 100
57 22.9 17.8 26.8





#29

Chloroform

Concen: 9.124 ppbv

RT: 2.839 min Scan# 81

Delta R.T. 0.003 min

Lab File: VL043079.D

Acq: 09 Oct 2025 09:29

Instrument :

MSVOA_L

ClientSampleId :

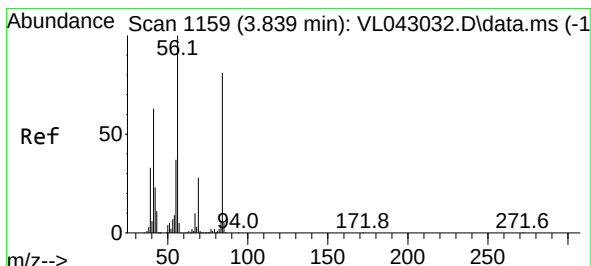
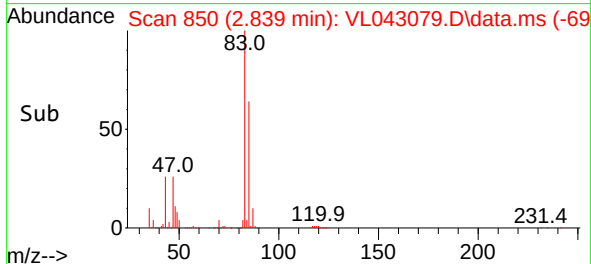
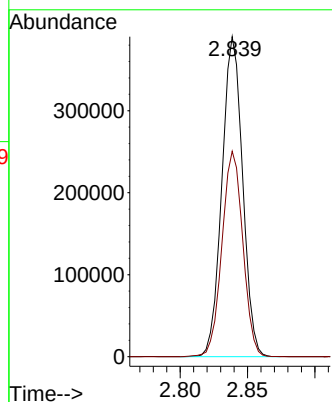
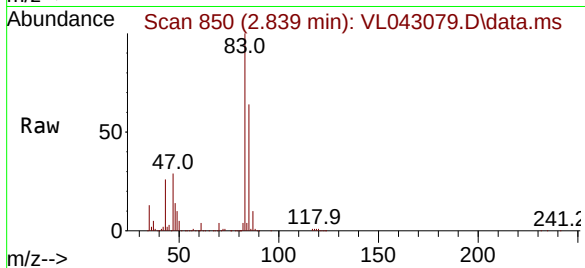
VSTDCCC010

Tgt Ion: 83 Resp: 416143

Ion Ratio Lower Upper

83 100

85 64.2 52.0 78.0



#30

Cyclohexane

Concen: 9.837 ppbv

RT: 3.842 min Scan# 1160

Delta R.T. 0.003 min

Lab File: VL043079.D

Acq: 09 Oct 2025 09:29

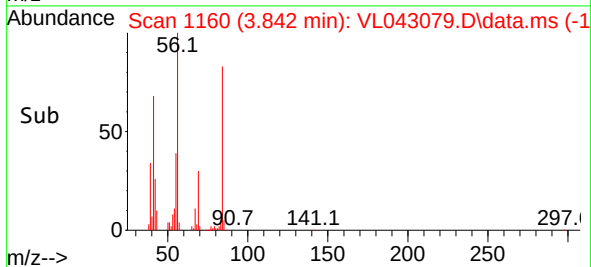
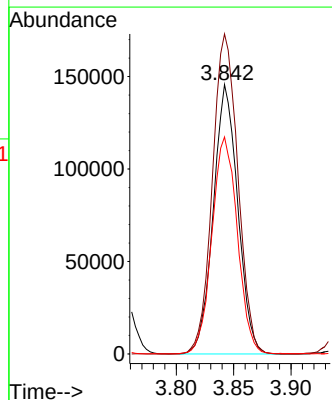
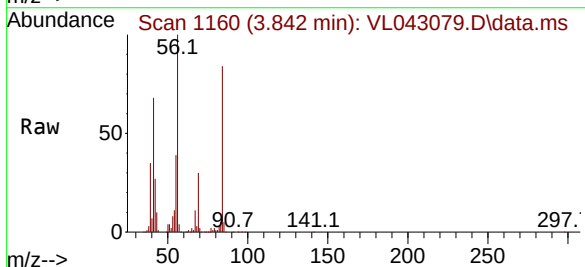
Tgt Ion: 84 Resp: 216243

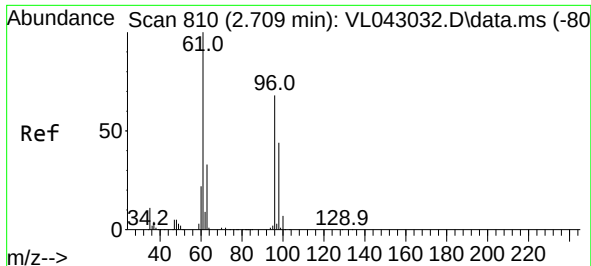
Ion Ratio Lower Upper

84 100

56 123.7 99.9 149.9

41 83.5 64.2 96.4

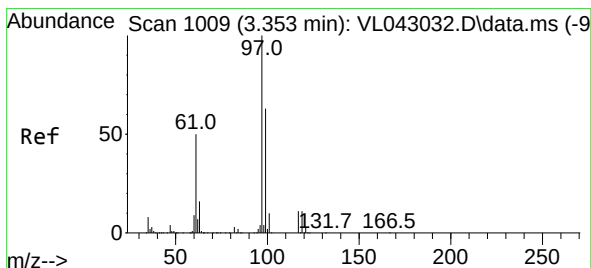
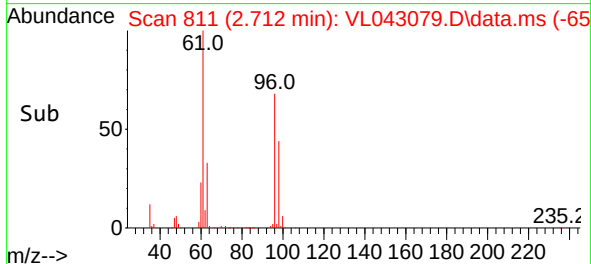
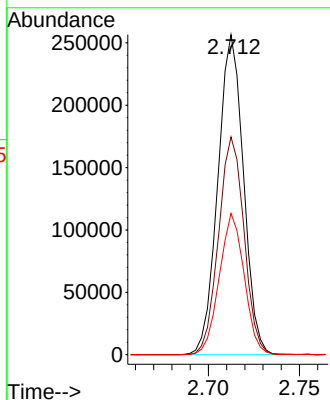
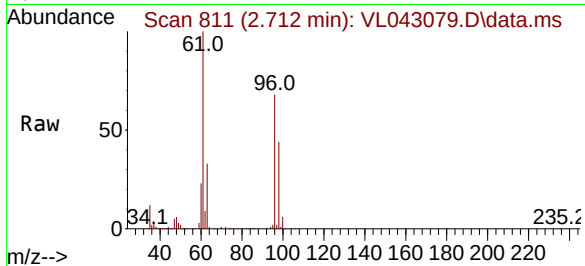




#31
 cis-1,2-Dichloroethene
 Concen: 9.110 ppbv
 RT: 2.712 min Scan# 81
 Delta R.T. 0.003 min
 Lab File: VL043079.D
 Acq: 09 Oct 2025 09:29

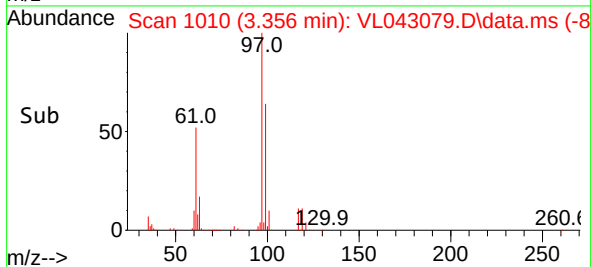
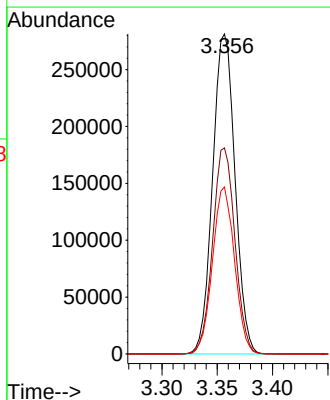
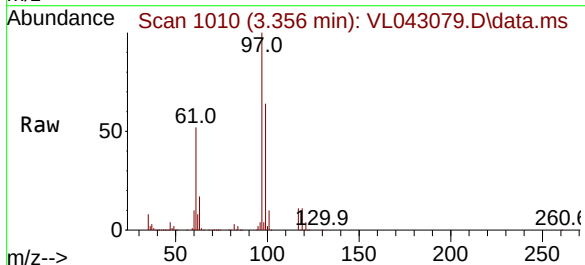
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

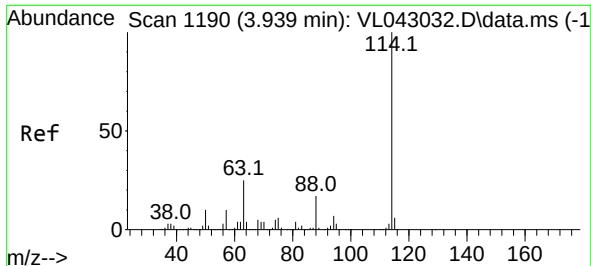
Tgt Ion: 61 Resp: 250538
 Ion Ratio Lower Upper
 61 100
 96 68.1 54.6 82.0
 98 44.1 34.8 52.2



#32
 1,1,1-Trichloroethane
 Concen: 8.946 ppbv
 RT: 3.356 min Scan# 1010
 Delta R.T. 0.003 min
 Lab File: VL043079.D
 Acq: 09 Oct 2025 09:29

Tgt Ion: 97 Resp: 396570
 Ion Ratio Lower Upper
 97 100
 99 63.9 51.2 76.8
 61 51.6 40.1 60.1





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.942 min Scan# 1191

Delta R.T. 0.003 min

Lab File: VL043079.D

Acq: 09 Oct 2025 09:29

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

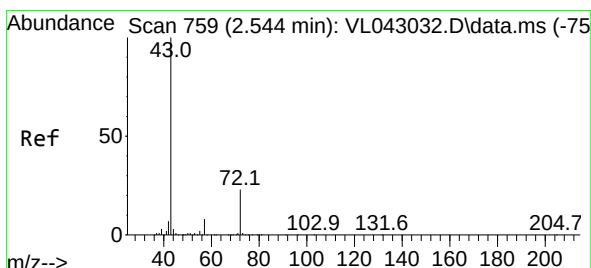
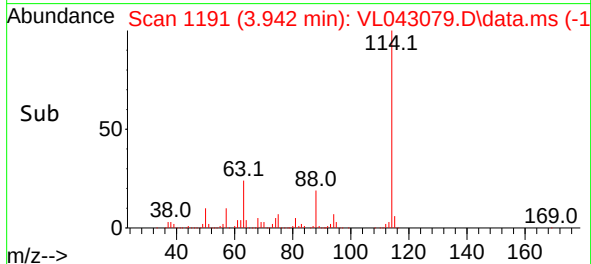
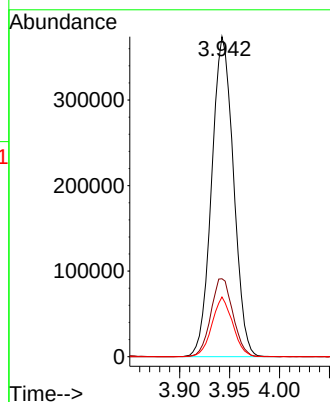
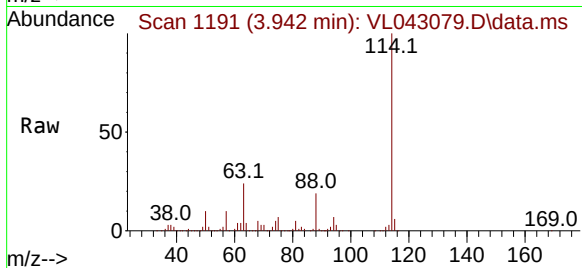
Tgt Ion:114 Resp: 568897

Ion Ratio Lower Upper

114 100

63 24.8 19.4 29.2

88 17.7 13.9 20.9



#34

2-Butanone

Concen: 9.558 ppbv

RT: 2.547 min Scan# 760

Delta R.T. 0.003 min

Lab File: VL043079.D

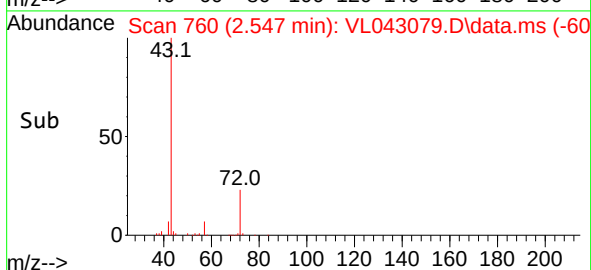
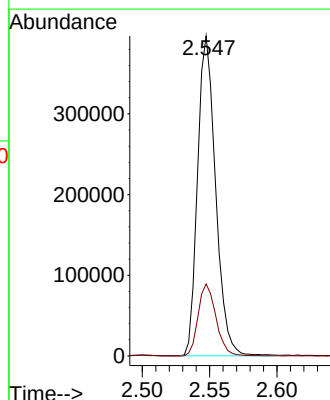
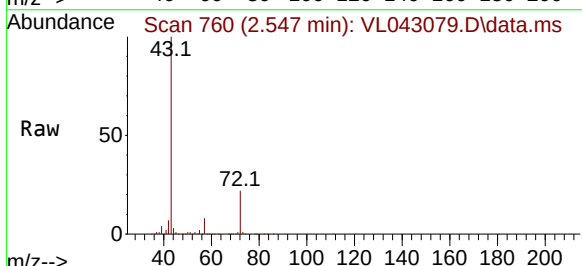
Acq: 09 Oct 2025 09:29

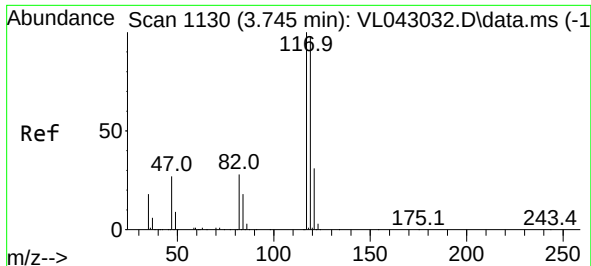
Tgt Ion: 43 Resp: 368929

Ion Ratio Lower Upper

43 100

72 22.4 18.4 27.6

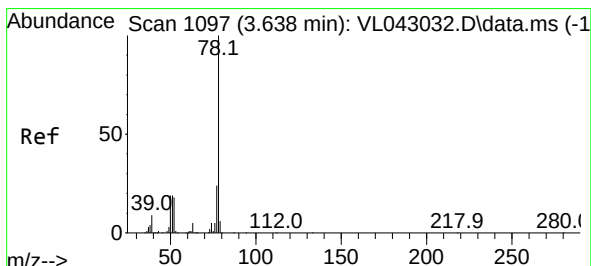
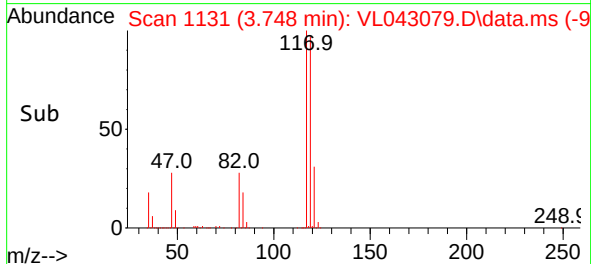
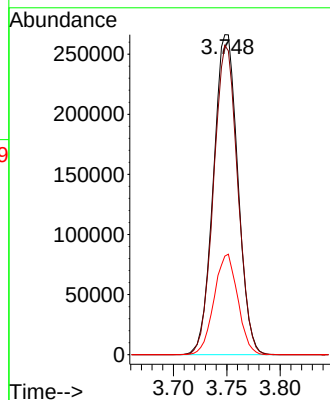
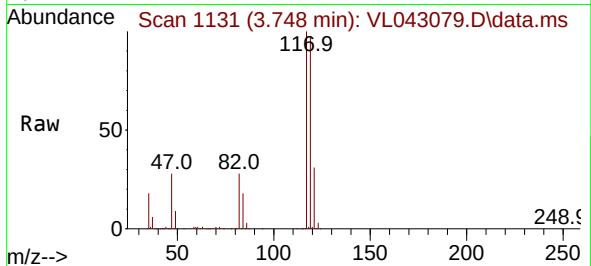




#35
Carbon Tetrachloride
Concen: 9.026 ppbv
RT: 3.748 min Scan# 1130
Delta R.T. 0.003 min
Lab File: VL043079.D
Acq: 09 Oct 2025 09:29

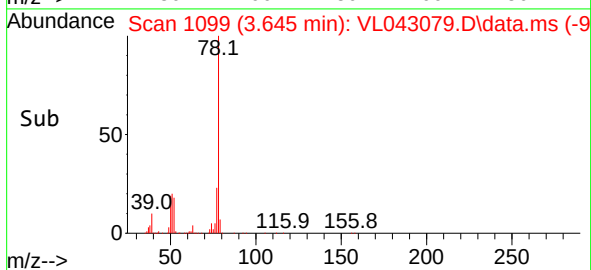
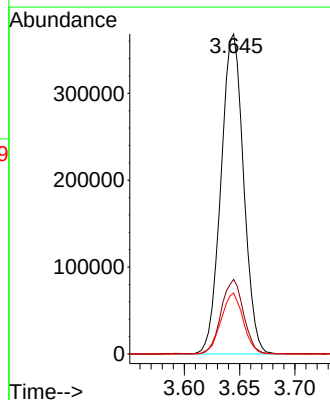
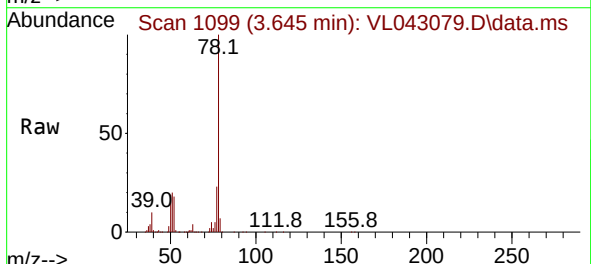
Instrument :
MSVOA_1
ClientSampleId :
VSTDCCC010

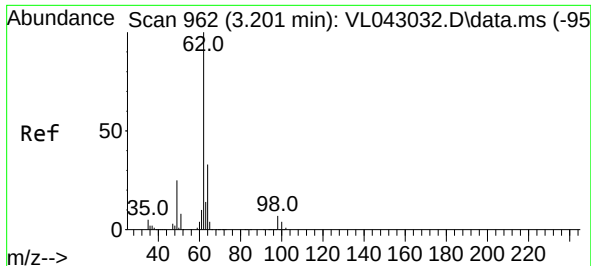
Tgt Ion:117 Resp: 422481
Ion Ratio Lower Upper
117 100
119 96.7 78.2 117.4
121 30.8 24.8 37.2



#36
Benzene
Concen: 9.631 ppbv
RT: 3.645 min Scan# 1099
Delta R.T. 0.006 min
Lab File: VL043079.D
Acq: 09 Oct 2025 09:29

Tgt Ion: 78 Resp: 523478
Ion Ratio Lower Upper
78 100
77 23.3 19.2 28.8
50 19.1 14.9 22.3





#37

1,2-Dichloroethane

Concen: 9.413 ppbv

RT: 3.208 min Scan# 9

Delta R.T. 0.006 min

Lab File: VL043079.D

Acq: 09 Oct 2025 09:29

Instrument :

MSVOA_L

ClientSampleId :

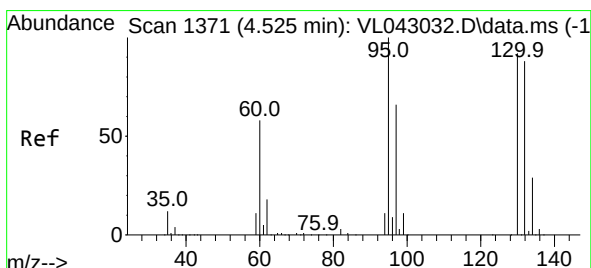
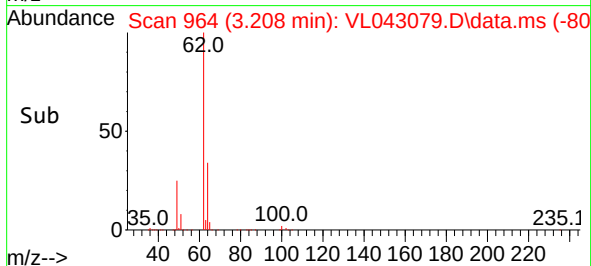
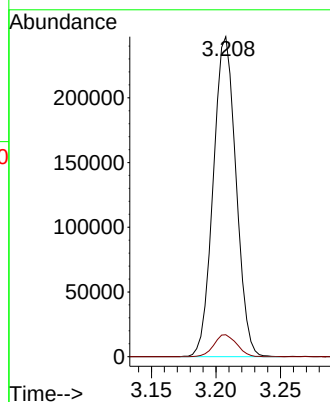
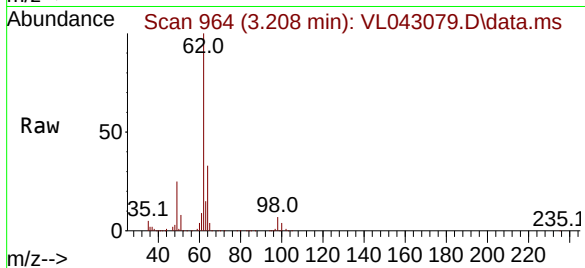
VSTDCCC010

Tgt Ion: 62 Resp: 303020

Ion Ratio Lower Upper

62 100

98 6.9 5.6 8.4



#38

Trichloroethene

Concen: 9.648 ppbv

RT: 4.528 min Scan# 1372

Delta R.T. 0.003 min

Lab File: VL043079.D

Acq: 09 Oct 2025 09:29

Tgt Ion:130 Resp: 218456

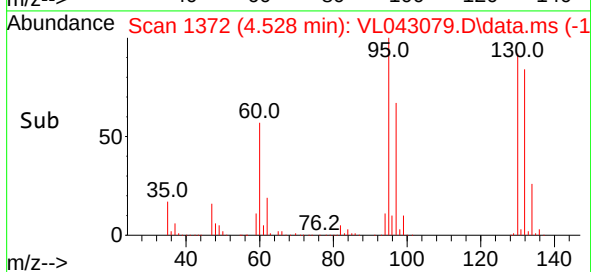
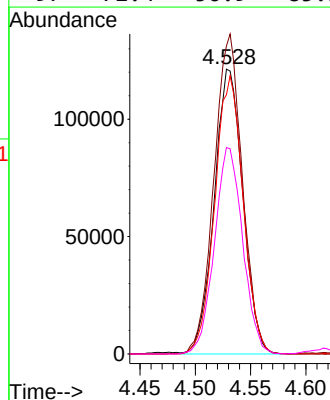
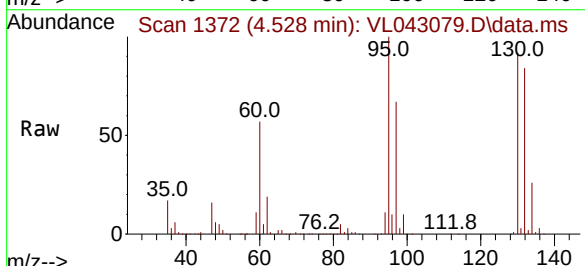
Ion Ratio Lower Upper

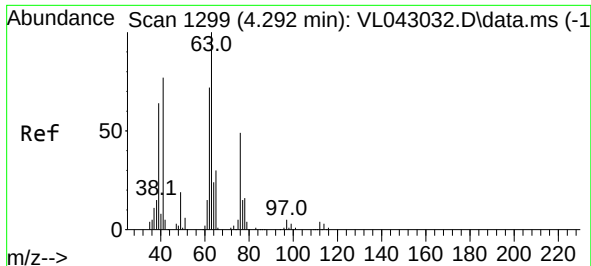
130 100

95 108.0 86.4 129.6

132 91.0 75.7 113.5

97 72.4 56.9 85.3





#39

1,2-Dichloropropane

Concen: 9.512 ppbv

RT: 4.298 min Scan# 11

Delta R.T. 0.006 min

Lab File: VL043079.D

Acq: 09 Oct 2025 09:29

Instrument :

MSVOA_1

ClientSampleId :

VSTDCCC010

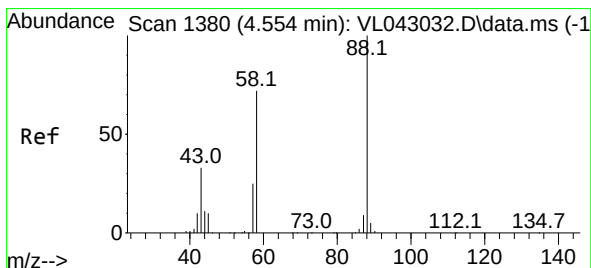
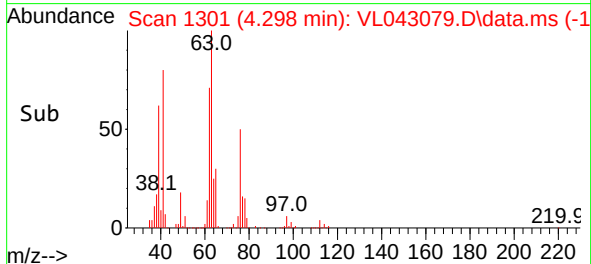
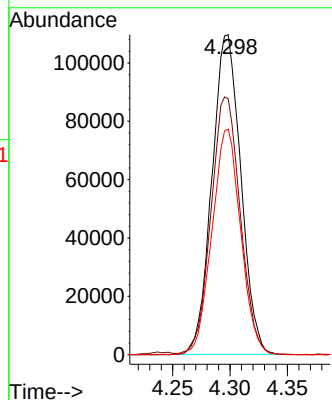
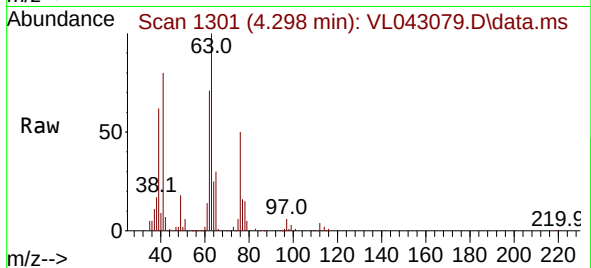
Tgt Ion: 63 Resp: 191644

Ion Ratio Lower Upper

63 100

41 80.0 61.6 92.4

62 70.5 58.1 87.1



#40

1,4-Dioxane

Concen: 9.944 ppbv

RT: 4.557 min Scan# 1381

Delta R.T. 0.003 min

Lab File: VL043079.D

Acq: 09 Oct 2025 09:29

Tgt Ion: 88 Resp: 85932

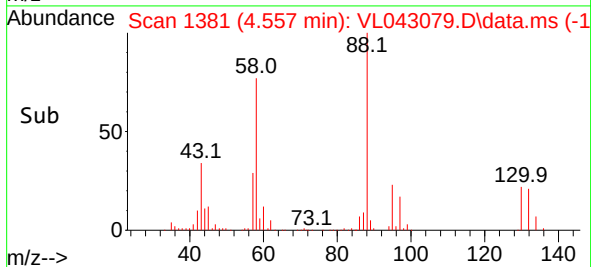
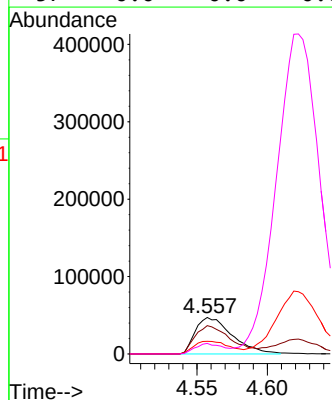
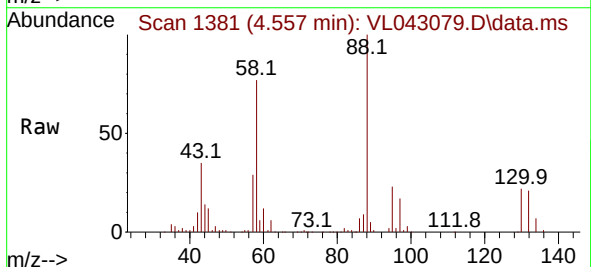
Ion Ratio Lower Upper

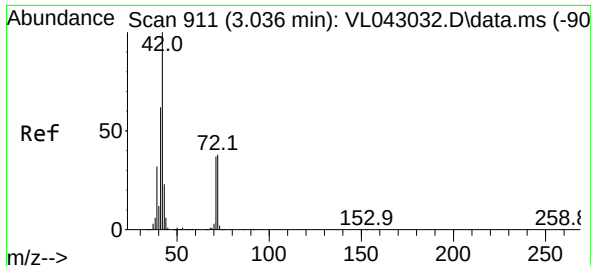
88 100

58 75.6 56.2 84.2

43 34.2 25.7 38.5

57 0.0 0.0 0.0

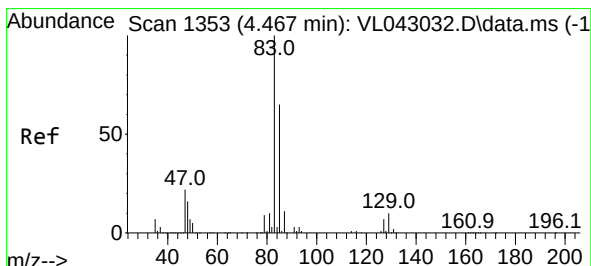
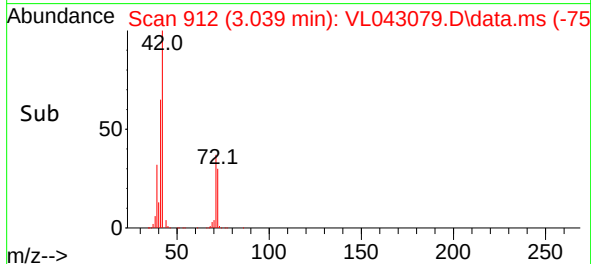
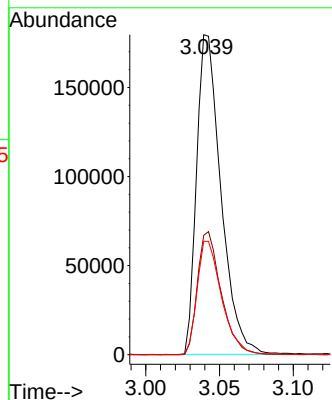
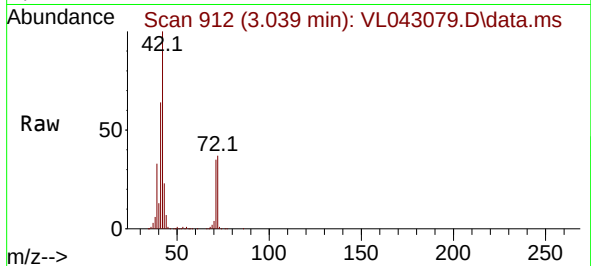




#41
Tetrahydrofuran
Concen: 10.344 ppbv
RT: 3.039 min Scan# 911
Delta R.T. 0.003 min
Lab File: VL043079.D
Acq: 09 Oct 2025 09:29

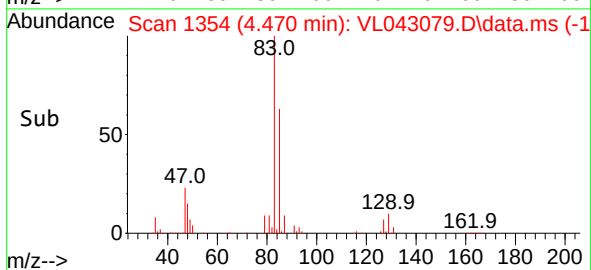
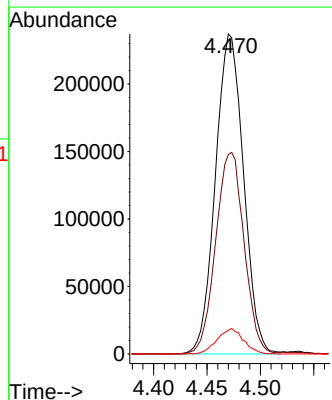
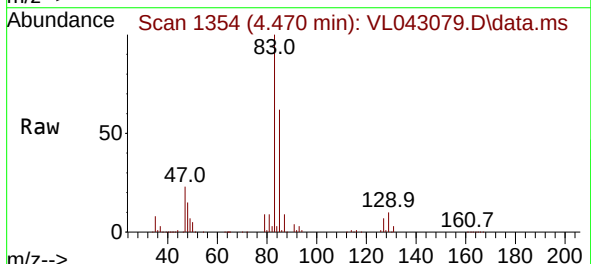
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

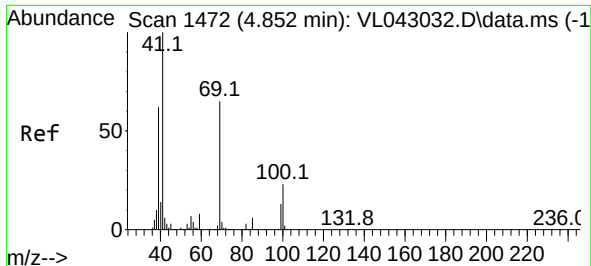
Tgt Ion: 42 Resp: 206359
Ion Ratio Lower Upper
42 100
72 37.6 31.0 46.6
71 35.8 29.8 44.6



#42
Bromodichloromethane
Concen: 9.550 ppbv
RT: 4.470 min Scan# 1354
Delta R.T. 0.003 min
Lab File: VL043079.D
Acq: 09 Oct 2025 09:29

Tgt Ion: 83 Resp: 434122
Ion Ratio Lower Upper
83 100
85 62.3 51.8 77.8
127 7.5 5.9 8.9

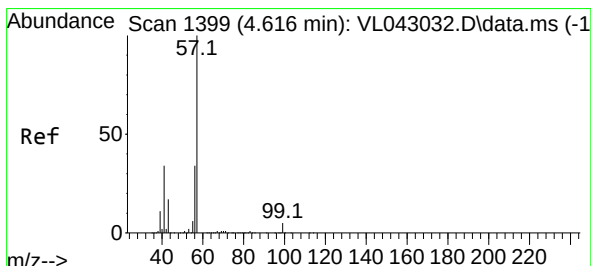
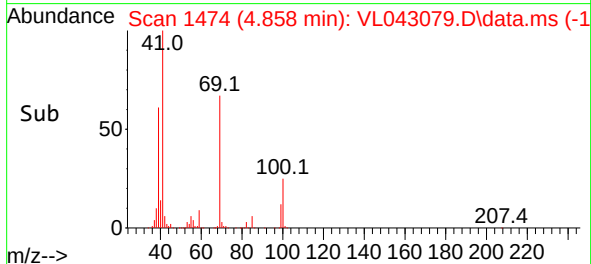
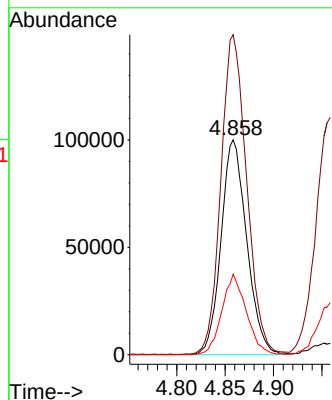
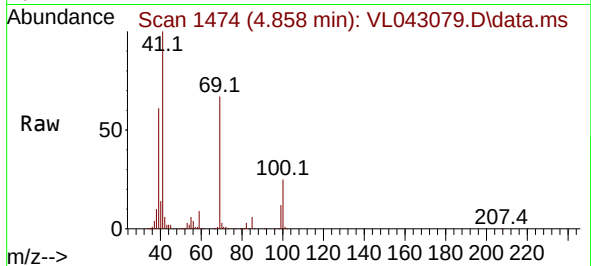




#43
Methyl Methacrylate
Concen: 10.211 ppbv
RT: 4.858 min Scan# 1472
Delta R.T. 0.006 min
Lab File: VL043079.D
Acq: 09 Oct 2025 09:29

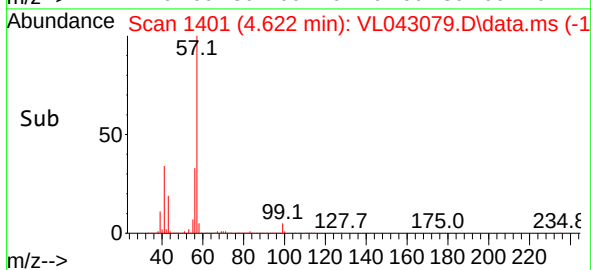
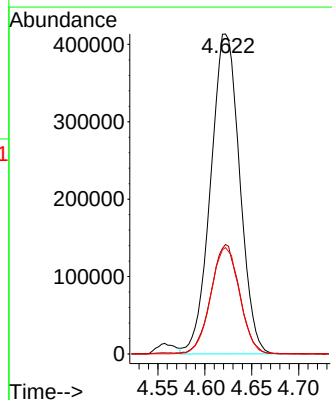
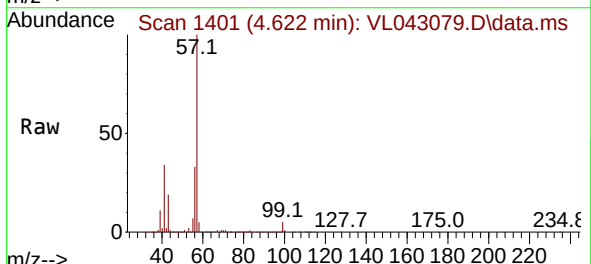
Instrument :
MSVOA_1
ClientSampleId :
VSTDCCC010

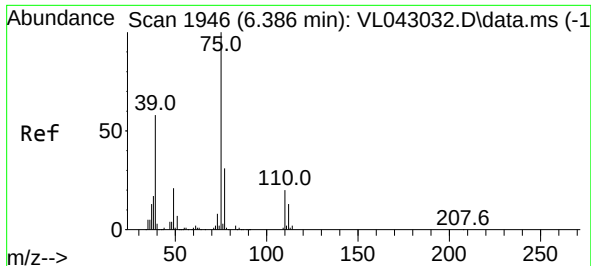
Tgt Ion: 69 Resp: 184234
Ion Ratio Lower Upper
69 100
41 149.5 118.0 177.0
100 35.7 28.3 42.5



#44
2,2,4-Trimethylpentane
Concen: 10.175 ppbv
RT: 4.622 min Scan# 1401
Delta R.T. 0.006 min
Lab File: VL043079.D
Acq: 09 Oct 2025 09:29

Tgt Ion: 57 Resp: 887460
Ion Ratio Lower Upper
57 100
41 34.4 27.0 40.4
56 33.3 26.0 39.0

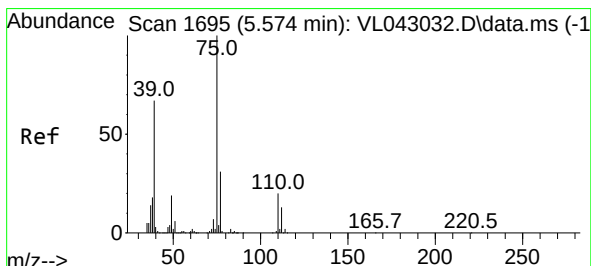
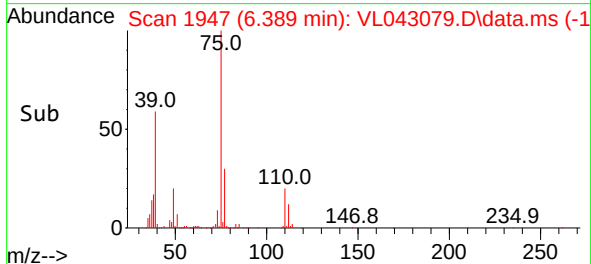
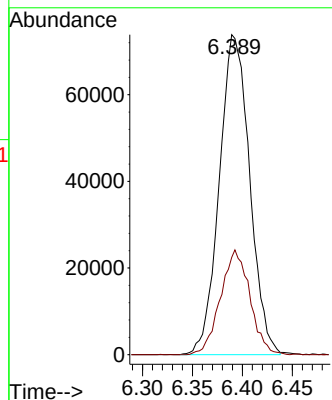
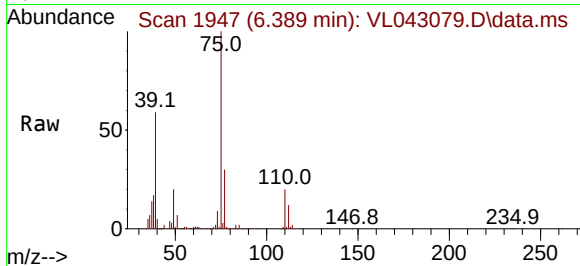




#45
t-1,3-Dichloropropene
Concen: 9.456 ppbv
RT: 6.389 min Scan# 1946
Delta R.T. 0.003 min
Lab File: VL043079.D
Acq: 09 Oct 2025 09:29

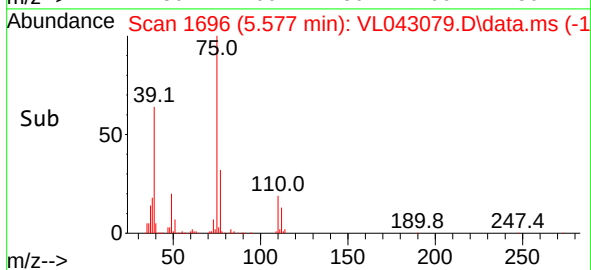
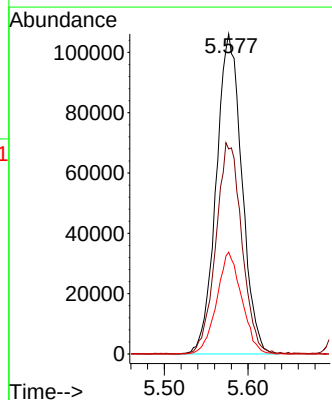
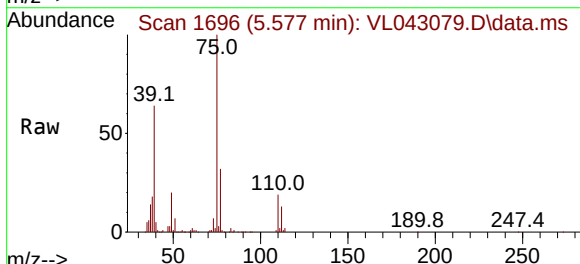
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

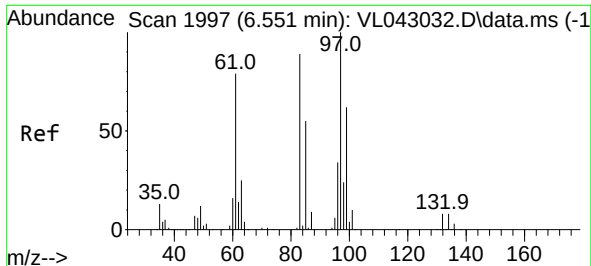
Tgt Ion: 75 Resp: 156138
Ion Ratio Lower Upper
75 100
77 30.4 24.7 37.1



#46
cis-1,3-Dichloropropene
Concen: 9.690 ppbv
RT: 5.577 min Scan# 1696
Delta R.T. 0.003 min
Lab File: VL043079.D
Acq: 09 Oct 2025 09:29

Tgt Ion: 75 Resp: 225445
Ion Ratio Lower Upper
75 100
39 64.0 53.4 80.0
77 31.7 25.0 37.4





#47

1,1,2-Trichloroethane

Concen: 9.375 ppbv

RT: 6.561 min Scan# 2000

Delta R.T. 0.010 min

Lab File: VL043079.D

Acq: 09 Oct 2025 09:29

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 97 Resp: 210090

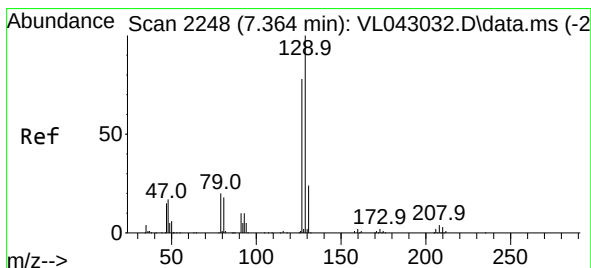
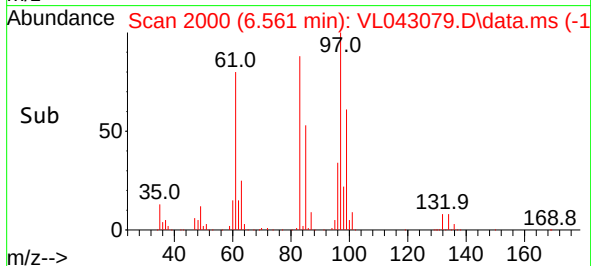
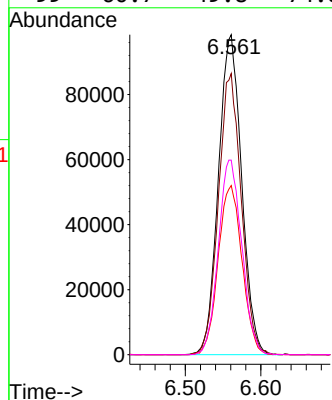
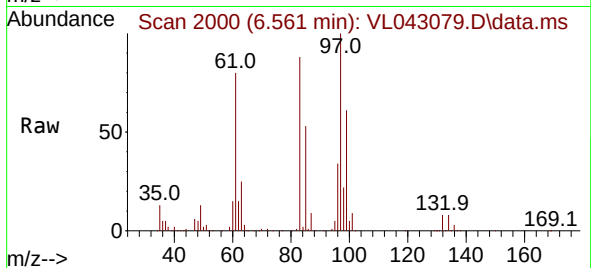
Ion Ratio Lower Upper

97 100

83 87.9 71.1 106.7

85 52.9 44.3 66.5

99 60.7 49.8 74.8



#48

Dibromochloromethane

Concen: 9.590 ppbv

RT: 7.370 min Scan# 2250

Delta R.T. 0.006 min

Lab File: VL043079.D

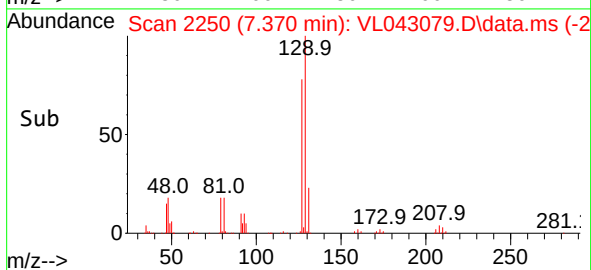
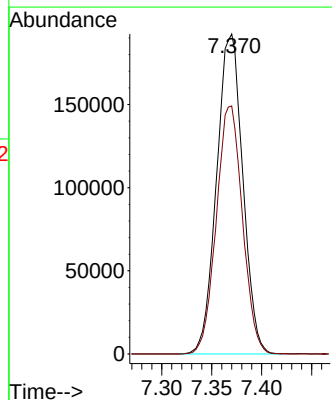
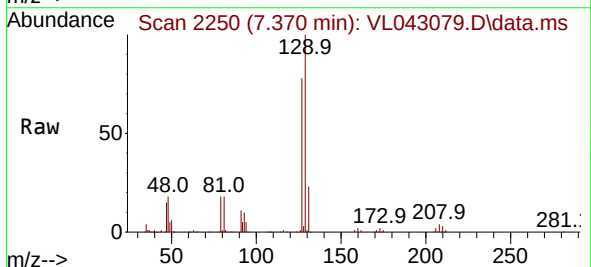
Acq: 09 Oct 2025 09:29

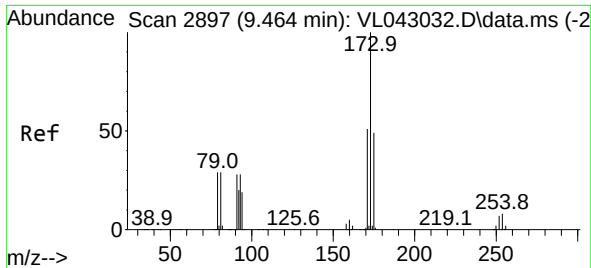
Tgt Ion: 129 Resp: 350743

Ion Ratio Lower Upper

129 100

127 77.4 38.6 116.0





#49

Bromoform

Concen: 10.029 ppbv

RT: 9.467 min Scan# 21

Delta R.T. 0.003 min

Lab File: VL043079.D

Acq: 09 Oct 2025 09:29

Instrument :

MSVOA_1

ClientSampleId :

VSTDCCC010

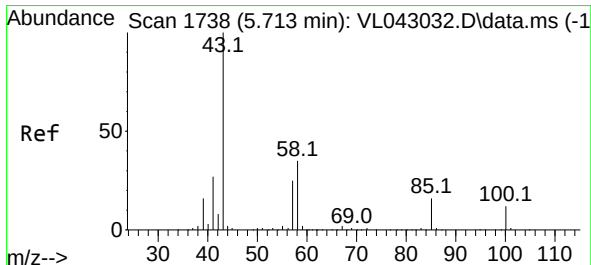
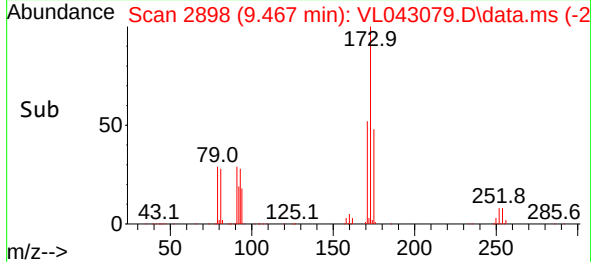
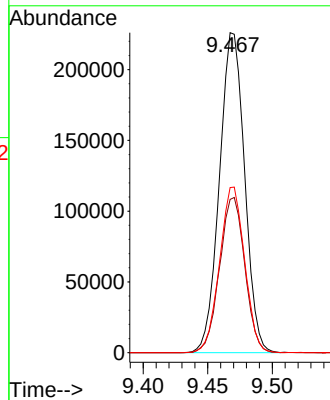
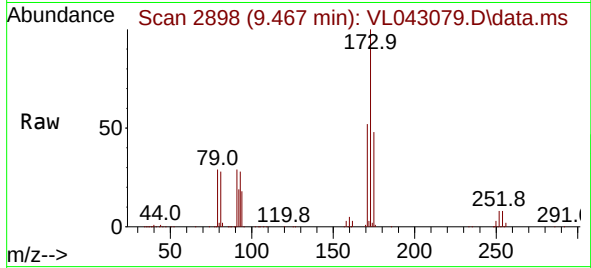
Tgt Ion:173 Resp: 306339

Ion Ratio Lower Upper

173 100

175 48.7 39.1 58.7

171 51.5 41.4 62.2



#50

4-Methyl-2-Pentanone

Concen: 10.601 ppbv

RT: 5.722 min Scan# 1741

Delta R.T. 0.010 min

Lab File: VL043079.D

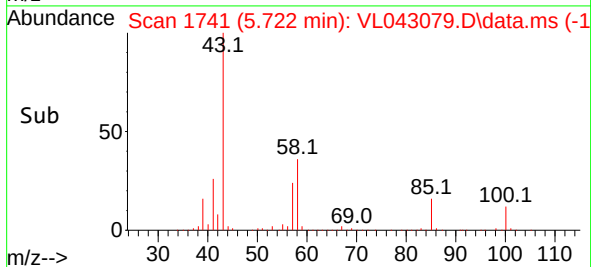
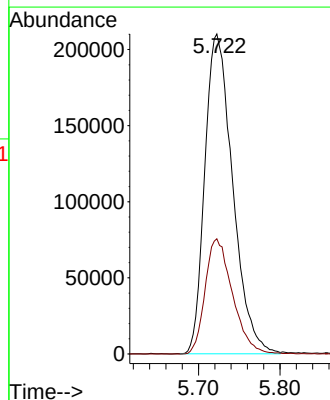
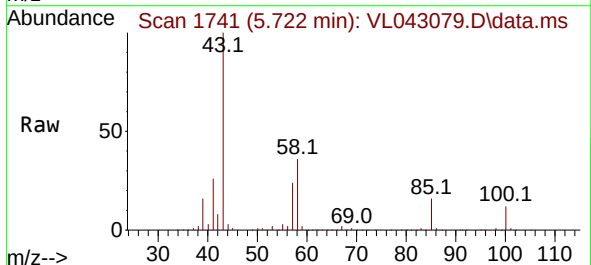
Acq: 09 Oct 2025 09:29

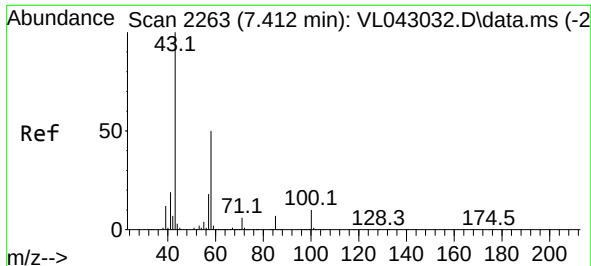
Tgt Ion: 43 Resp: 499008

Ion Ratio Lower Upper

43 100

58 35.4 28.7 43.1

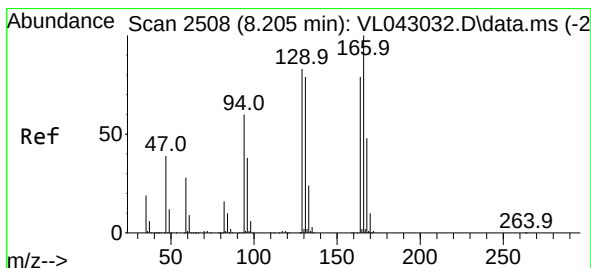
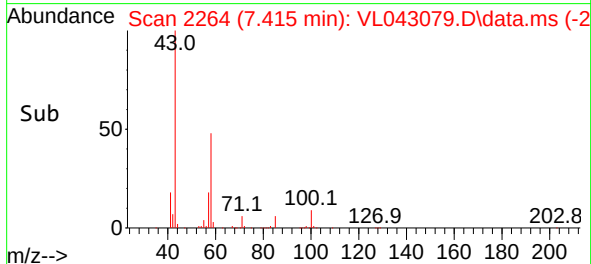
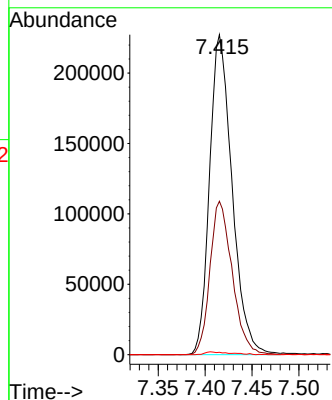
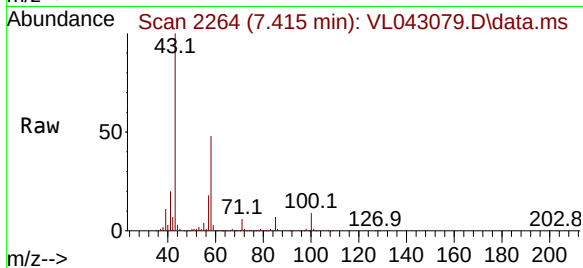




#51
2-Hexanone
Concen: 11.318 ppbv
RT: 7.415 min Scan# 21
Delta R.T. 0.003 min
Lab File: VL043079.D
Acq: 09 Oct 2025 09:29

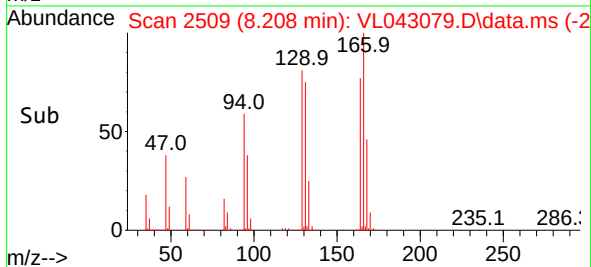
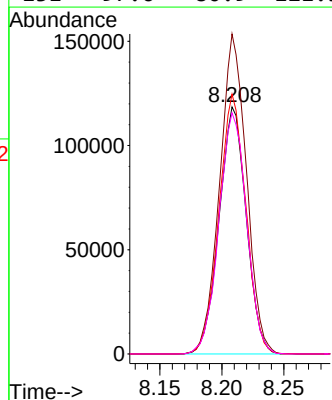
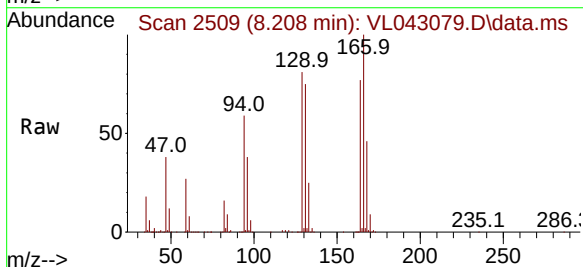
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

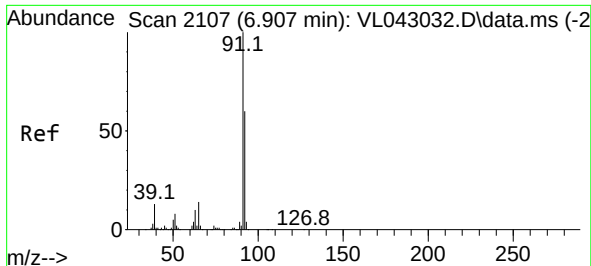
Tgt Ion: 43 Resp: 379224
Ion Ratio Lower Upper
43 100
58 47.4 39.1 58.7
98 1.0 0.5 0.7#



#52
Tetrachloroethene
Concen: 8.980 ppbv
RT: 8.208 min Scan# 2509
Delta R.T. 0.003 min
Lab File: VL043079.D
Acq: 09 Oct 2025 09:29

Tgt Ion:164 Resp: 180730
Ion Ratio Lower Upper
164 100
166 129.6 101.8 152.8
129 105.1 84.5 126.7
131 97.6 80.9 121.3

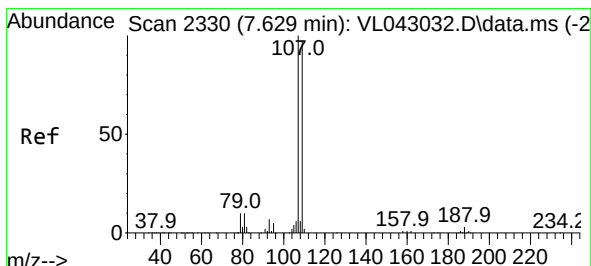
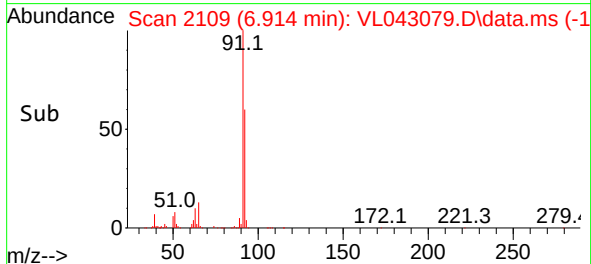
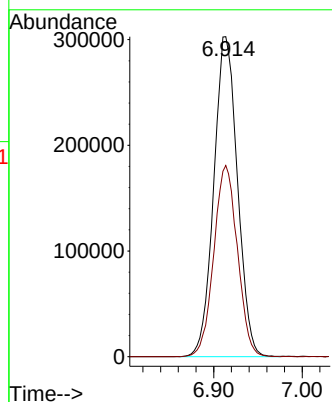
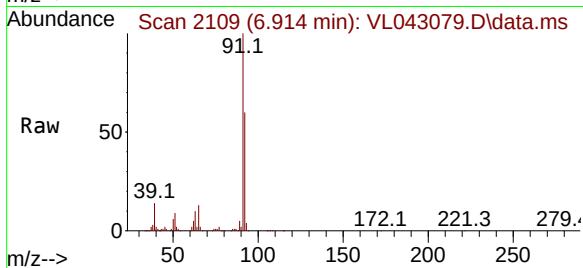




#53
Toluene
Concen: 10.261 ppbv
RT: 6.914 min Scan# 2109
Delta R.T. 0.006 min
Lab File: VL043079.D
Acq: 09 Oct 2025 09:29

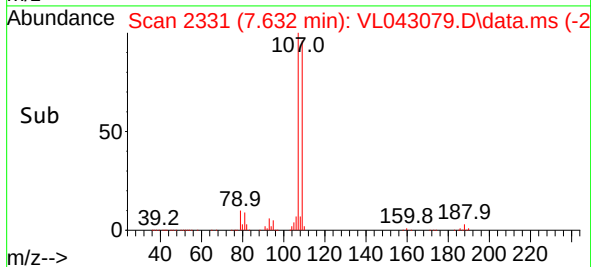
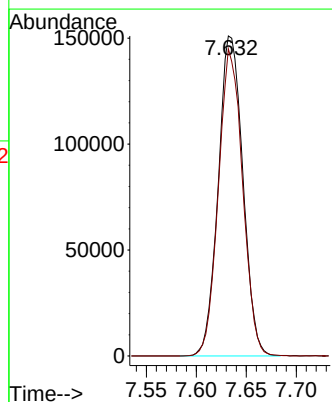
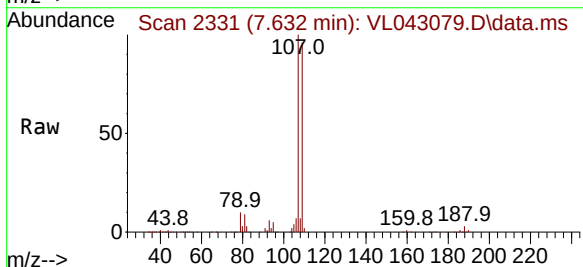
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

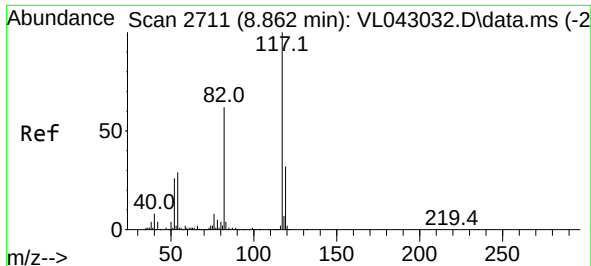
Tgt Ion: 91 Resp: 563029
Ion Ratio Lower Upper
91 100
92 59.6 47.8 71.6



#54
1,2-Dibromoethane
Concen: 9.743 ppbv
RT: 7.632 min Scan# 2331
Delta R.T. 0.003 min
Lab File: VL043079.D
Acq: 09 Oct 2025 09:29

Tgt Ion: 107 Resp: 258790
Ion Ratio Lower Upper
107 100
109 95.9 77.4 116.0

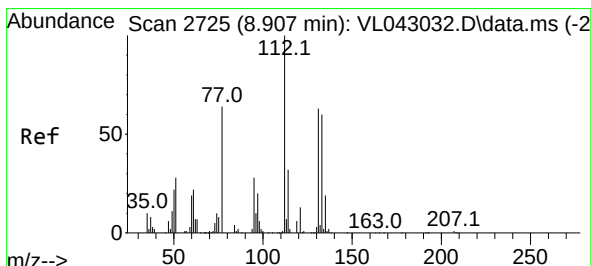
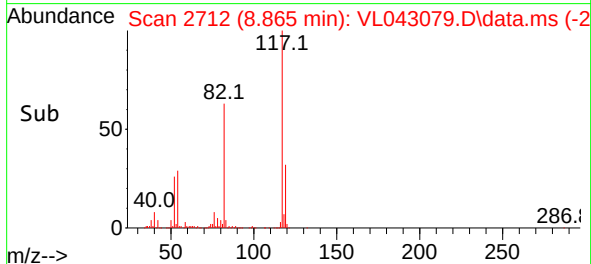
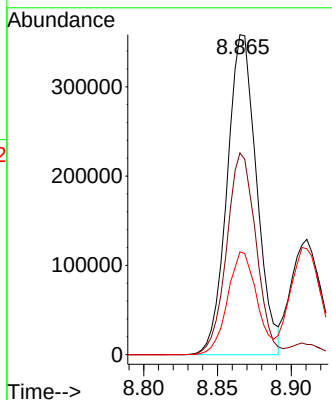
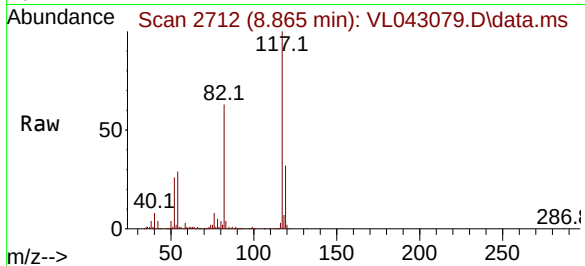




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.865 min Scan# 2711
Delta R.T. 0.003 min
Lab File: VL043079.D
Acq: 09 Oct 2025 09:29

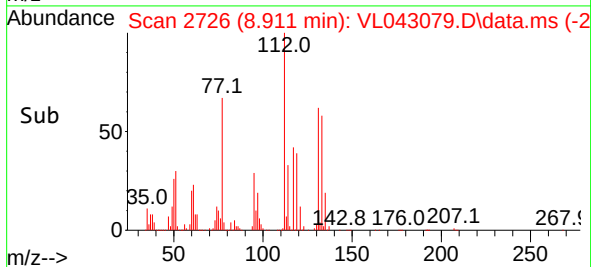
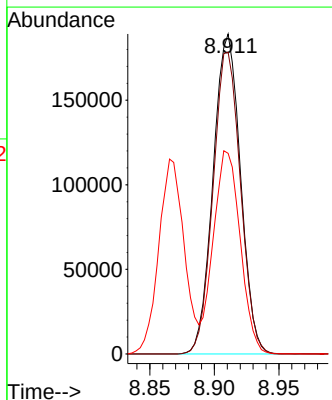
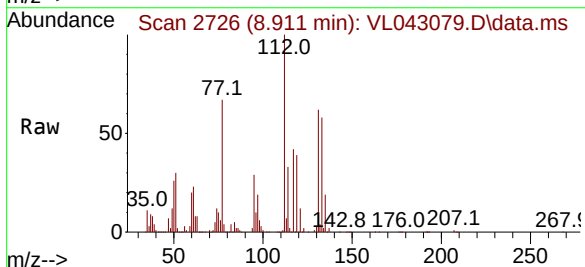
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

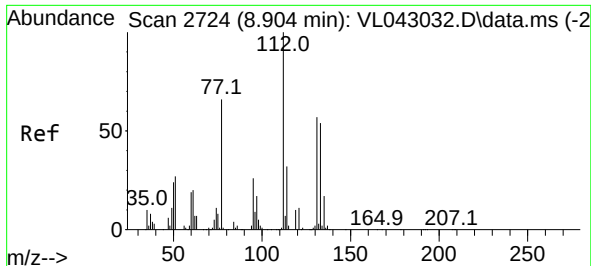
Tgt Ion:117 Resp: 498408
Ion Ratio Lower Upper
117 100
82 66.4 53.0 79.6
119 31.2 25.4 38.2



#56
1,1,1,2-Tetrachloroethane
Concen: 9.176 ppbv
RT: 8.911 min Scan# 2726
Delta R.T. 0.003 min
Lab File: VL043079.D
Acq: 09 Oct 2025 09:29

Tgt Ion:131 Resp: 278761
Ion Ratio Lower Upper
131 100
133 94.7 76.2 114.4
119 63.8 49.4 74.2

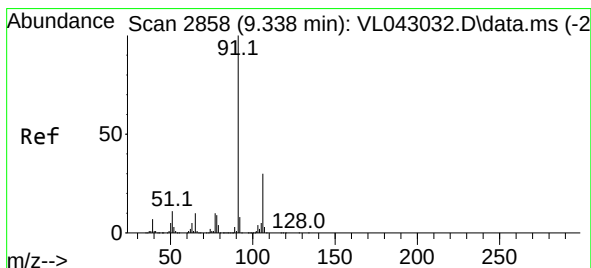
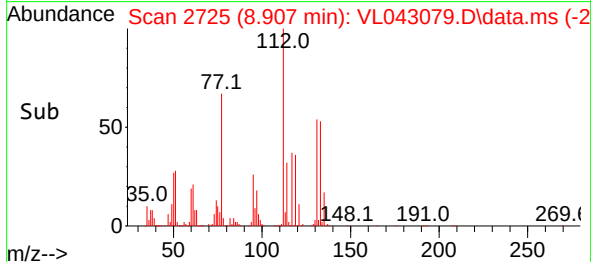
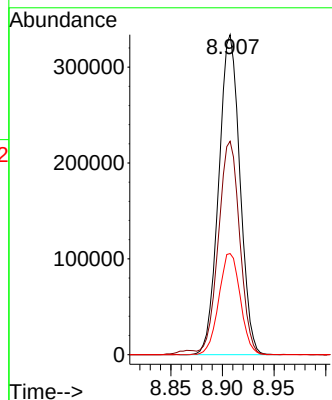
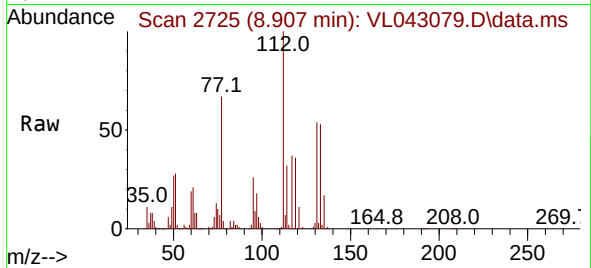




#57
Chlorobenzene
Concen: 9.043 ppbv
RT: 8.907 min Scan# 21
Delta R.T. 0.003 min
Lab File: VL043079.D
Acq: 09 Oct 2025 09:29

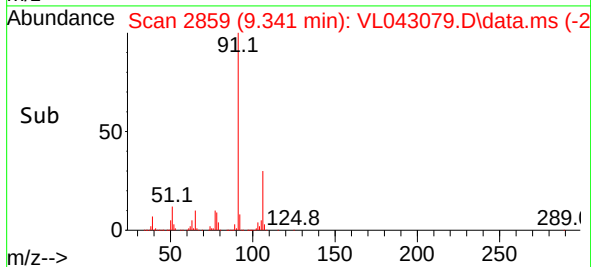
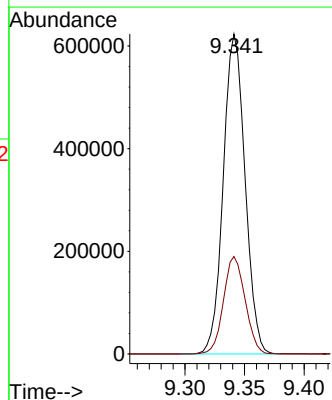
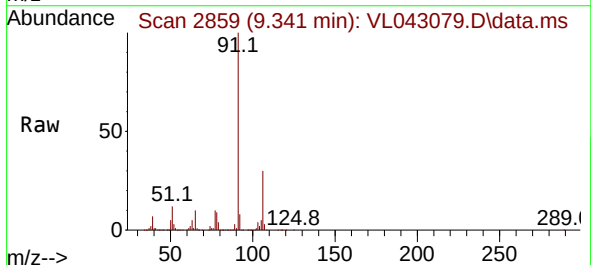
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

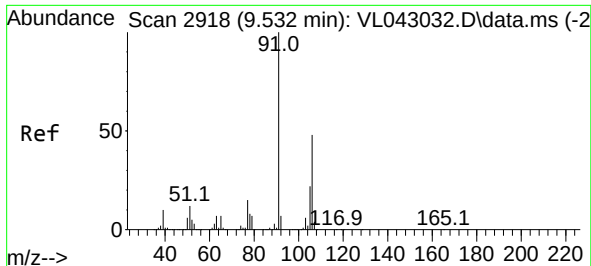
Tgt Ion:112 Resp: 476463
Ion Ratio Lower Upper
112 100
77 66.6 53.2 79.8
114 31.6 28.6 35.0



#58
Ethyl Benzene
Concen: 10.241 ppbv
RT: 9.341 min Scan# 2859
Delta R.T. 0.003 min
Lab File: VL043079.D
Acq: 09 Oct 2025 09:29

Tgt Ion: 91 Resp: 790793
Ion Ratio Lower Upper
91 100
106 30.5 24.1 36.1





#59

m/p-Xylene

Concen: 9.493 ppbv

RT: 9.538 min Scan# 2918

Delta R.T. 0.006 min

Lab File: VL043079.D

Acq: 09 Oct 2025 09:29

Instrument :

MSVOA_L

ClientSampleId :

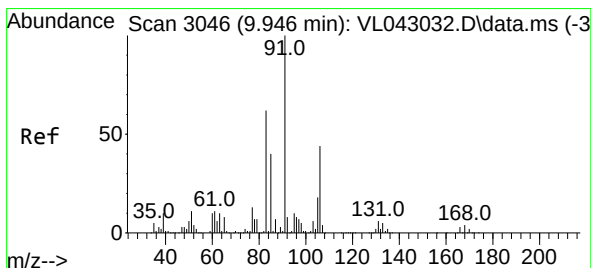
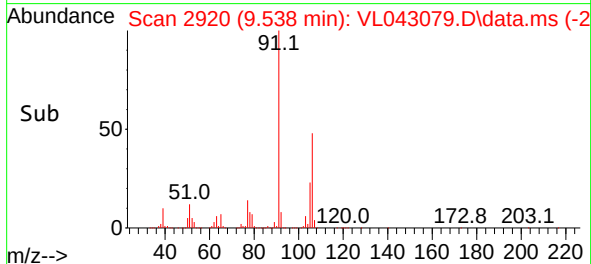
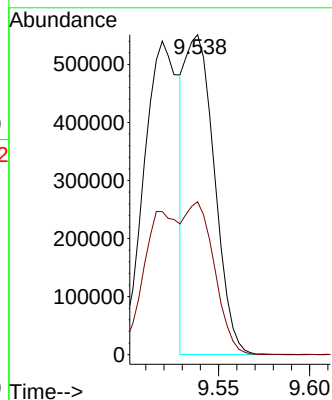
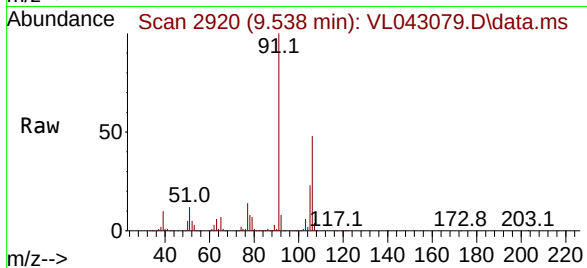
VSTDCCC010

Tgt Ion: 91 Resp: 618255

Ion Ratio Lower Upper

91 100

106 102.5 37.5 56.3#



#60

o-Xylene

Concen: 10.327 ppbv

RT: 9.950 min Scan# 3047

Delta R.T. 0.003 min

Lab File: VL043079.D

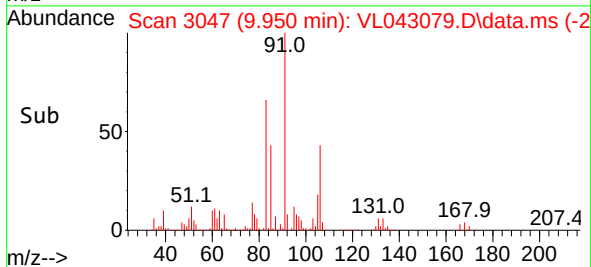
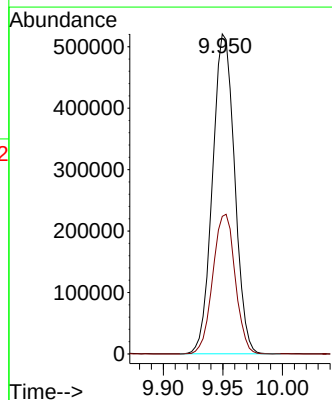
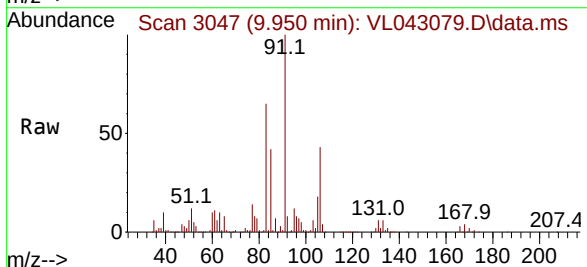
Acq: 09 Oct 2025 09:29

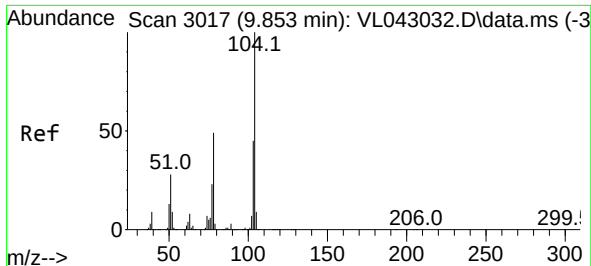
Tgt Ion: 91 Resp: 669997

Ion Ratio Lower Upper

91 100

106 44.4 21.9 65.5





#61

Styrene

Concen: 10.497 ppbv

RT: 9.856 min Scan# 3017

Delta R.T. 0.003 min

Lab File: VL043079.D

Acq: 09 Oct 2025 09:29

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

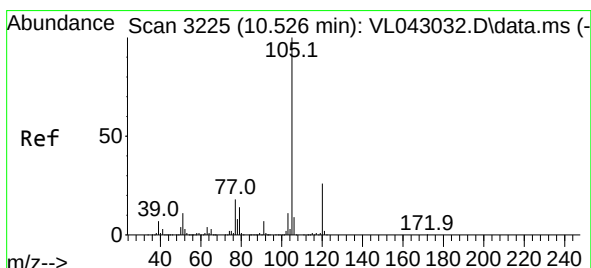
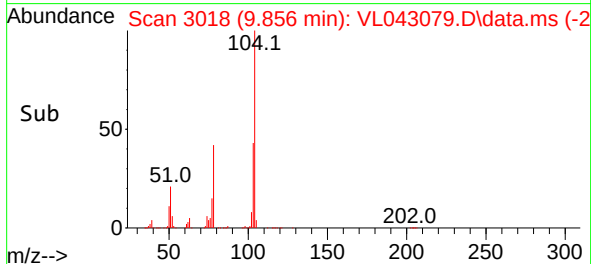
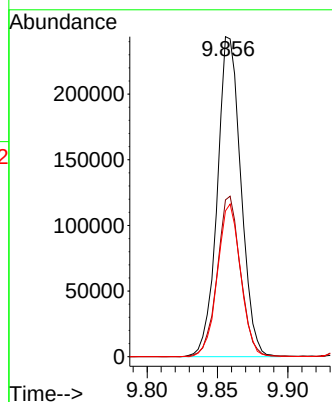
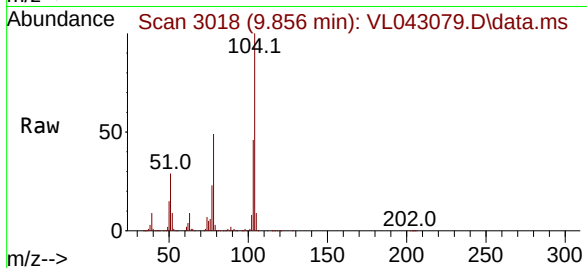
Tgt Ion:104 Resp: 285291

Ion Ratio Lower Upper

104 100

78 49.3 39.7 59.5

103 47.0 37.6 56.4



#62

Isopropylbenzene

Concen: 10.064 ppbv

RT: 10.526 min Scan# 3225

Delta R.T. -0.000 min

Lab File: VL043079.D

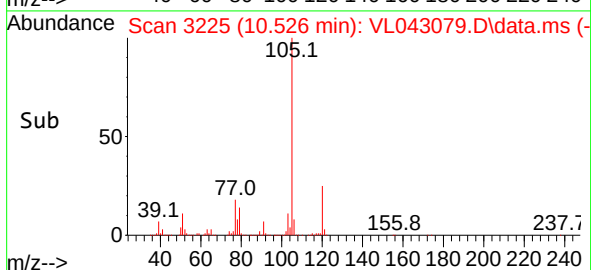
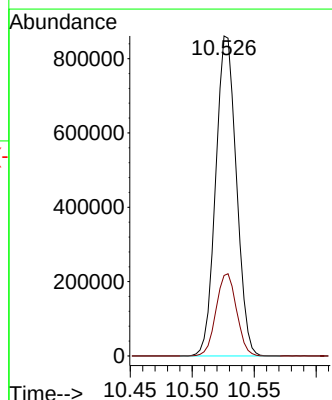
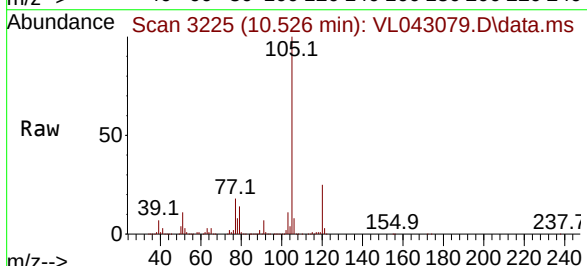
Acq: 09 Oct 2025 09:29

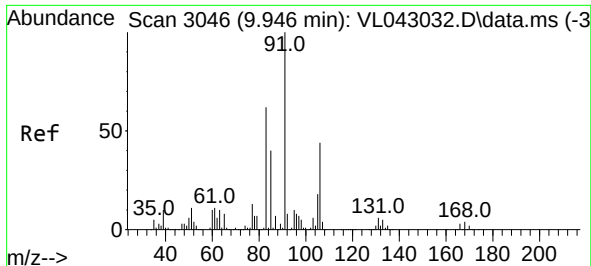
Tgt Ion:105 Resp: 1002224

Ion Ratio Lower Upper

105 100

120 25.5 20.6 31.0

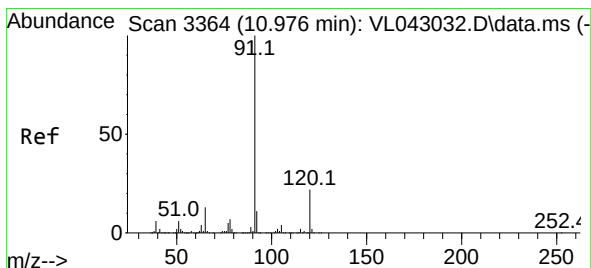
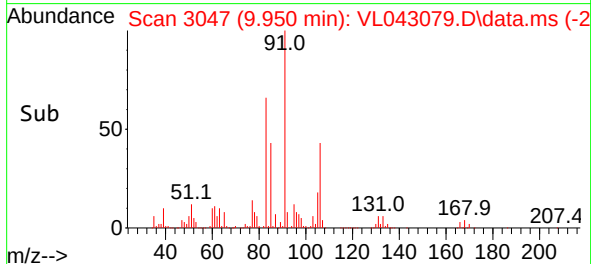
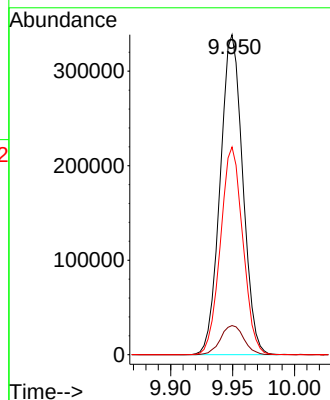
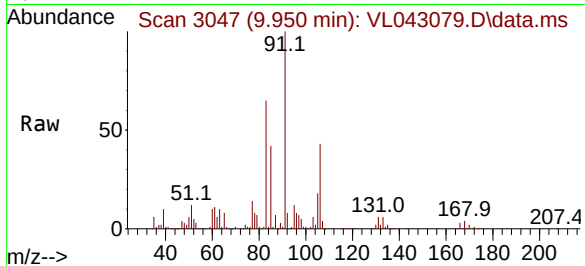




#63
1,1,2,2-Tetrachloroethane
Concen: 9.238 ppbv
RT: 9.950 min Scan# 3046
Delta R.T. 0.003 min
Lab File: VL043079.D
Acq: 09 Oct 2025 09:29

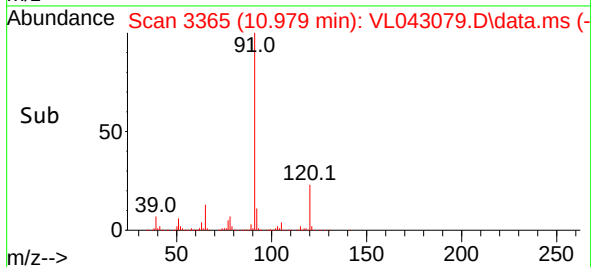
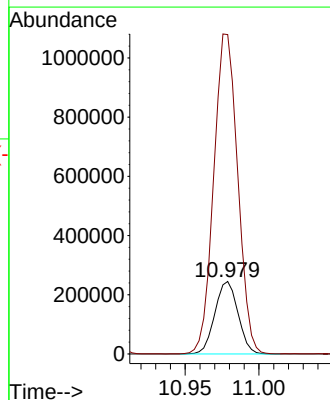
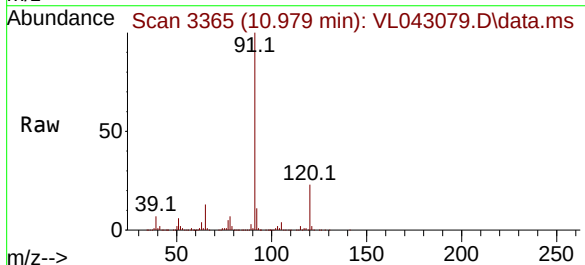
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

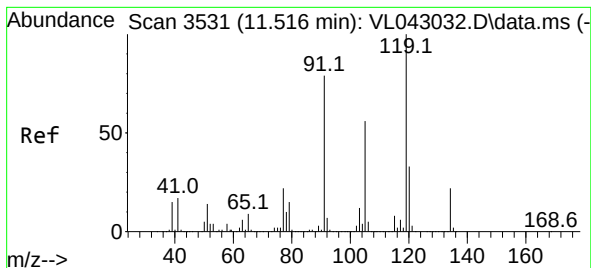
Tgt Ion: 83 Resp: 429967
Ion Ratio Lower Upper
83 100
131 9.4 4.7 14.1
85 64.4 32.0 96.2



#64
n-propylbenzene
Concen: 10.492 ppbv
RT: 10.979 min Scan# 3365
Delta R.T. 0.003 min
Lab File: VL043079.D
Acq: 09 Oct 2025 09:29

Tgt Ion: 120 Resp: 267283
Ion Ratio Lower Upper
120 100
91 458.0 367.0 550.4





#65

tert-Butylbenzene

Concen: 10.296 ppbv

RT: 11.519 min Scan# 3531

Delta R.T. 0.003 min

Lab File: VL043079.D

Acq: 09 Oct 2025 09:29

Instrument :

MSVOA_1

ClientSampleId :

VSTDCCC010

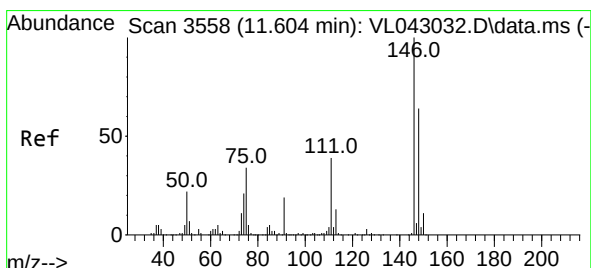
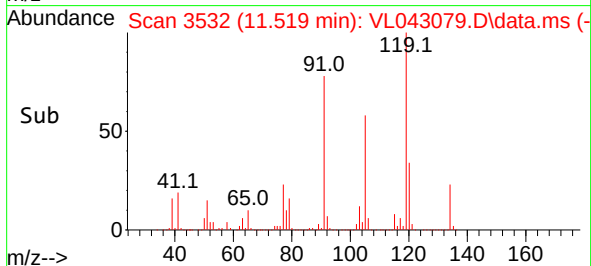
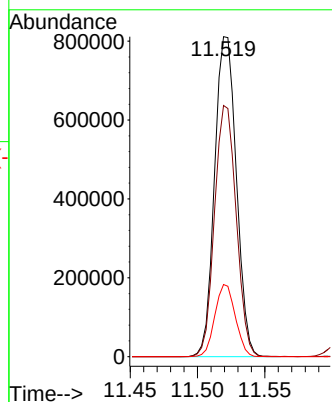
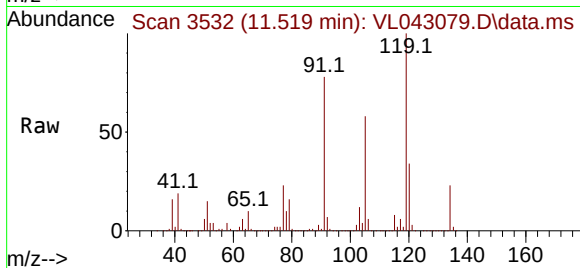
Tgt Ion:119 Resp: 912563

Ion Ratio Lower Upper

119 100

91 78.1 63.1 94.7

134 21.2 16.9 25.3



#66

Benzyl Chloride

Concen: 10.197 ppbv

RT: 11.603 min Scan# 3558

Delta R.T. -0.000 min

Lab File: VL043079.D

Acq: 09 Oct 2025 09:29

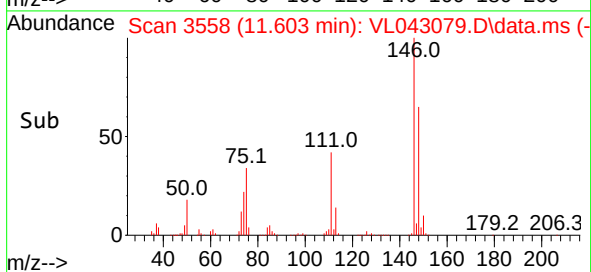
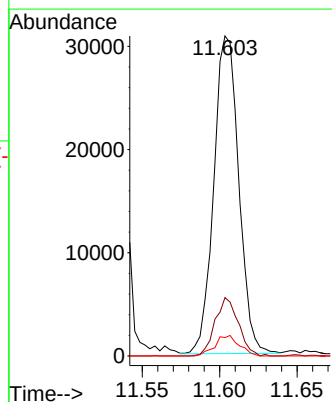
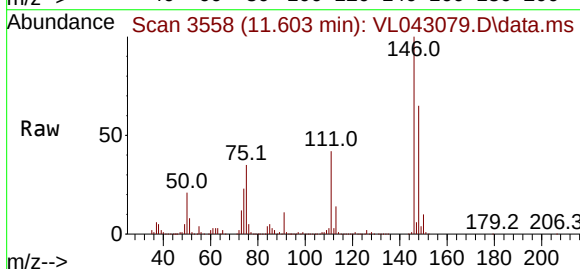
Tgt Ion: 91 Resp: 34544

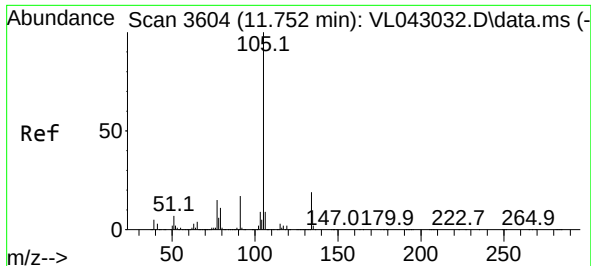
Ion Ratio Lower Upper

91 100

126 17.1 14.2 21.4

128 6.3 4.8 7.2

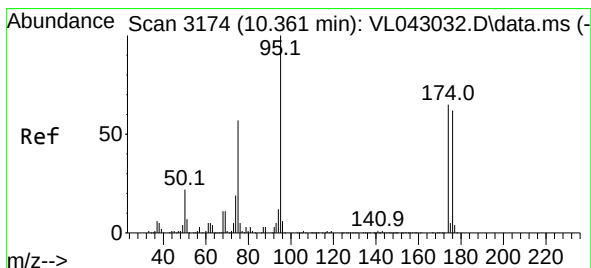
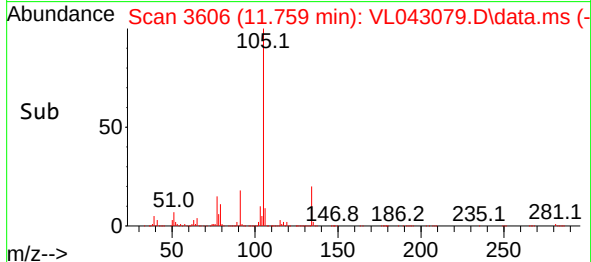
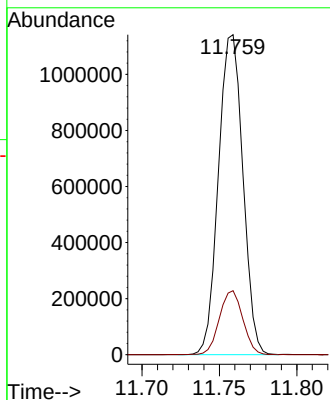
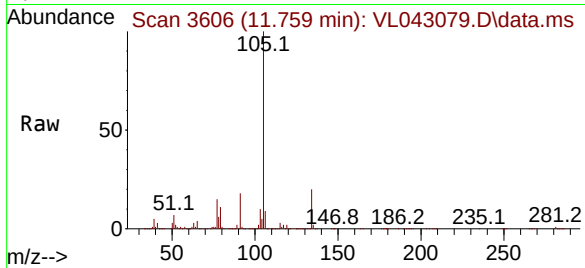




#67
 sec-Butylbenzene
 Concen: 10.131 ppbv
 RT: 11.759 min Scan# 3175
 Delta R.T. 0.006 min
 Lab File: VL043079.D
 Acq: 09 Oct 2025 09:29

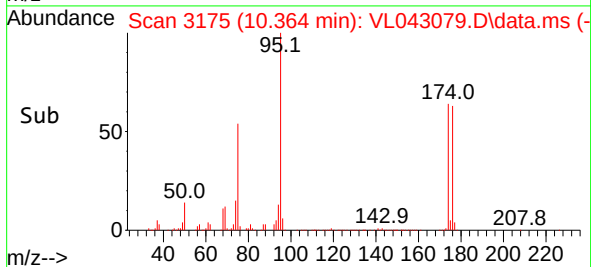
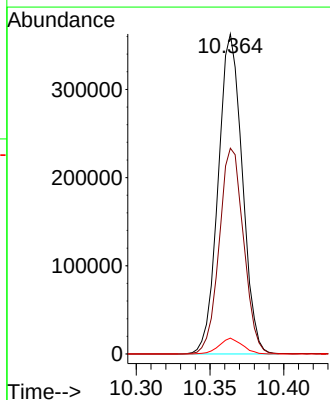
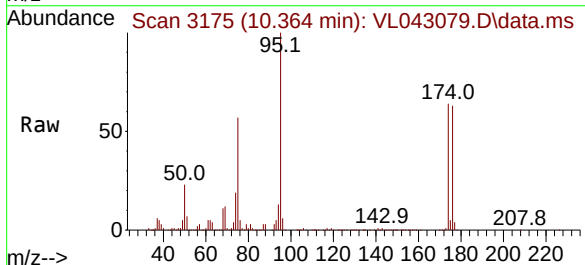
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

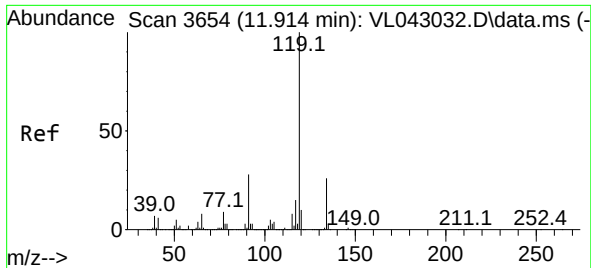
Tgt Ion:105 Resp: 1253016
 Ion Ratio Lower Upper
 105 100
 134 19.2 15.2 22.8



#68
 1-Bromo-4-Fluorobenzene
 Concen: 11.481 ppbv
 RT: 10.364 min Scan# 3175
 Delta R.T. 0.003 min
 Lab File: VL043079.D
 Acq: 09 Oct 2025 09:29

Tgt Ion: 95 Resp: 412204
 Ion Ratio Lower Upper
 95 100
 174 65.2 52.3 78.5
 175 4.8 3.8 5.8

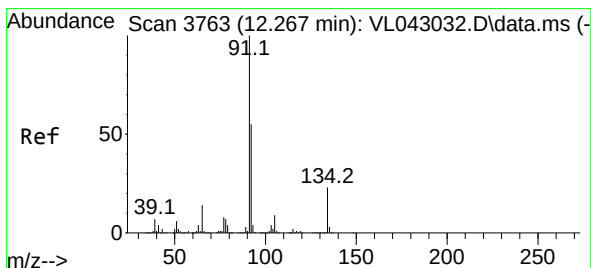
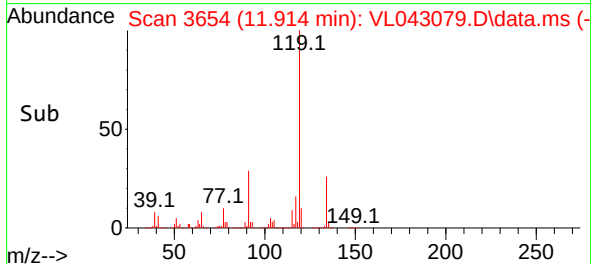
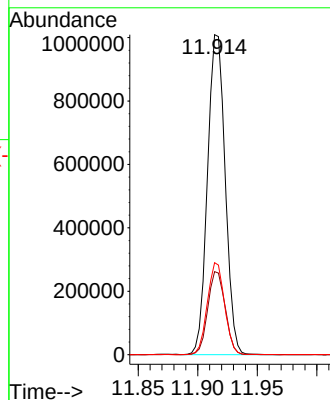
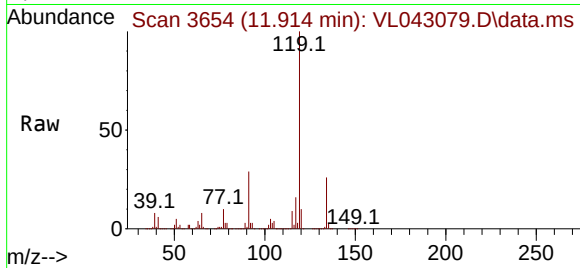




#69
p-Isopropyltoluene
Concen: 10.387 ppbv
RT: 11.914 min Scan# 3654
Delta R.T. -0.000 min
Lab File: VL043079.D
Acq: 09 Oct 2025 09:29

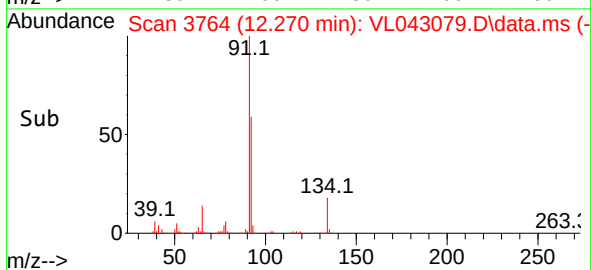
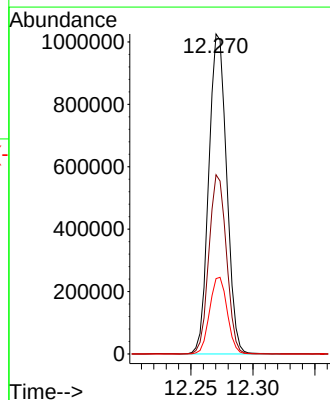
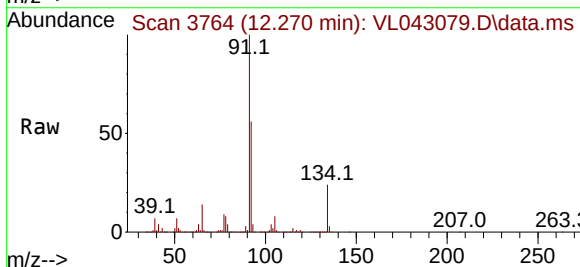
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

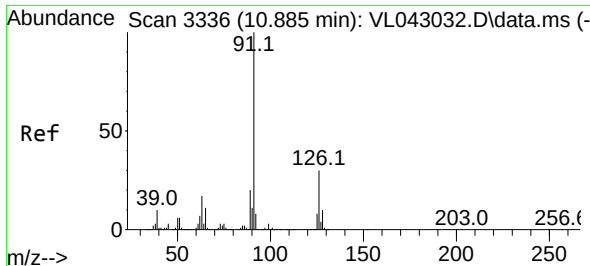
Tgt Ion:119 Resp: 1045052
Ion Ratio Lower Upper
119 100
134 25.6 20.5 30.7
91 28.1 22.6 33.8



#70
n-Butylbenzene
Concen: 10.608 ppbv
RT: 12.270 min Scan# 3764
Delta R.T. 0.003 min
Lab File: VL043079.D
Acq: 09 Oct 2025 09:29

Tgt Ion: 91 Resp: 1027696
Ion Ratio Lower Upper
91 100
92 55.2 43.9 65.9
134 23.6 18.9 28.3

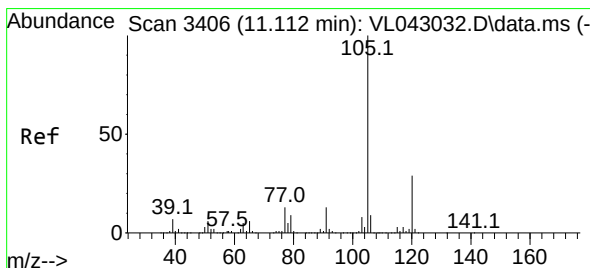
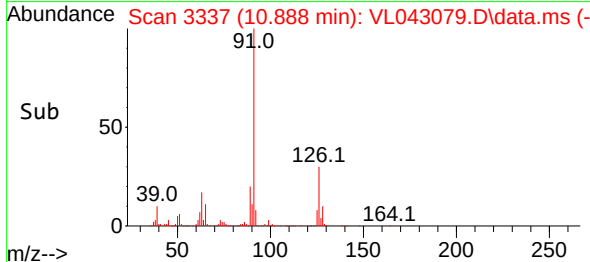
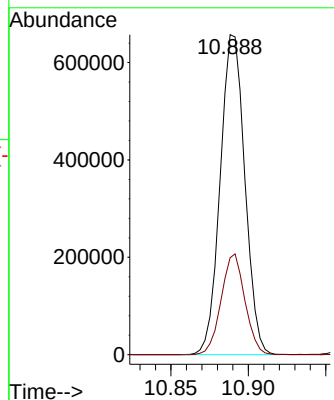
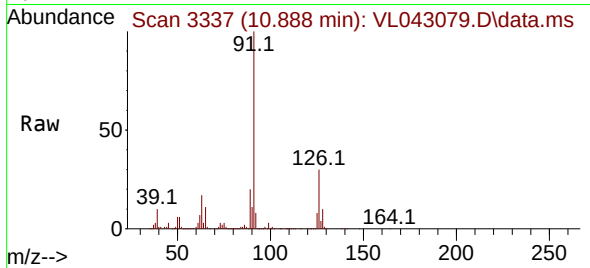




#71
2-Chlorotoluene
Concen: 10.103 ppbv
RT: 10.888 min Scan# 31
Delta R.T. 0.003 min
Lab File: VL043079.D
Acq: 09 Oct 2025 09:29

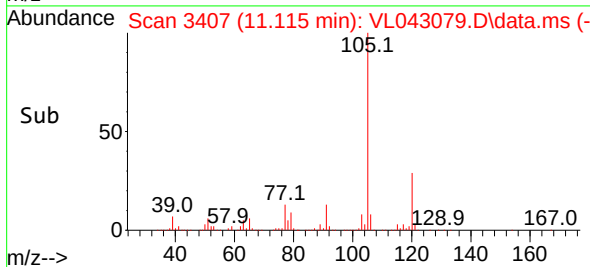
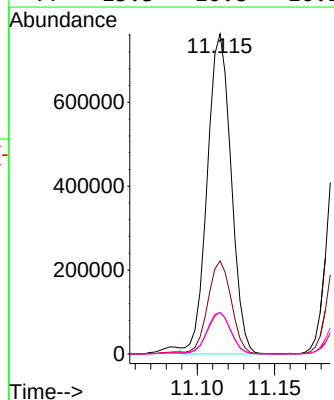
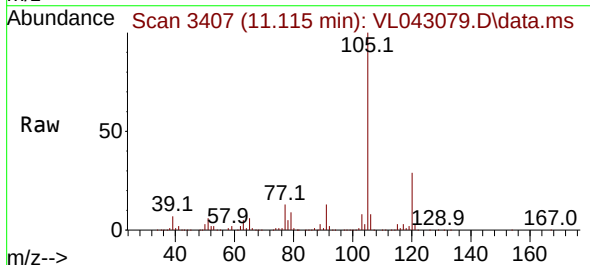
Instrument :
MSVOA_1
ClientSampleId :
VSTDCCC010

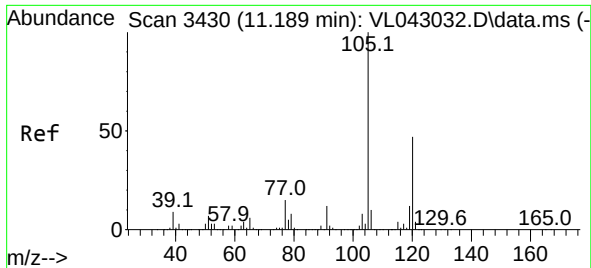
Tgt Ion: 91 Resp: 728220
Ion Ratio Lower Upper
91 100
126 30.3 12.2 48.6



#72
4-Ethyltoluene
Concen: 10.561 ppbv
RT: 11.115 min Scan# 3407
Delta R.T. 0.003 min
Lab File: VL043079.D
Acq: 09 Oct 2025 09:29

Tgt Ion: 105 Resp: 815476
Ion Ratio Lower Upper
105 100
120 29.3 23.5 35.3
91 13.1 10.4 15.6
77 13.3 10.8 16.2

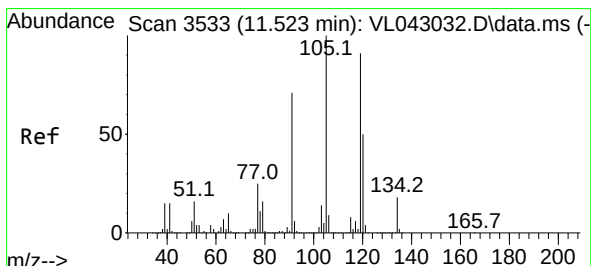
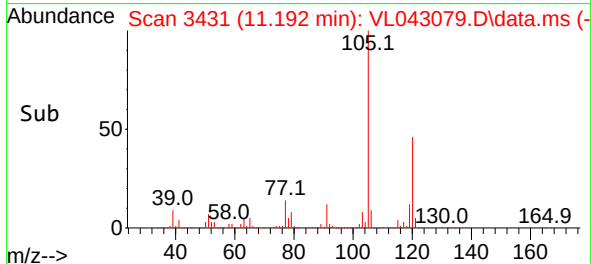
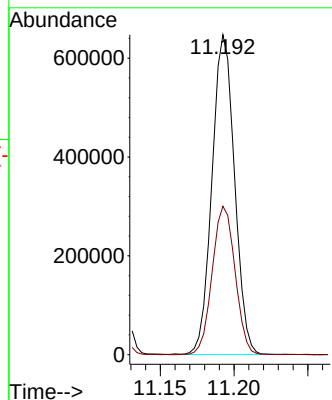
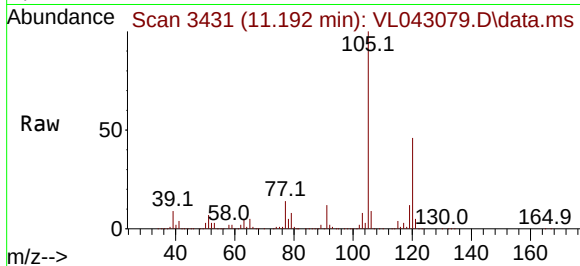




#73
 1,3,5-Trimethylbenzene
 Concen: 10.273 ppbv
 RT: 11.192 min Scan# 34
 Delta R.T. 0.003 min
 Lab File: VL043079.D
 Acq: 09 Oct 2025 09:29

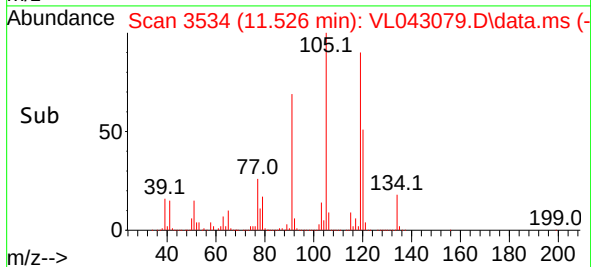
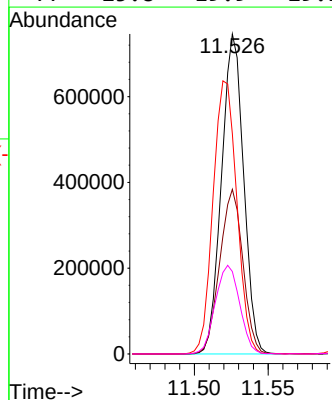
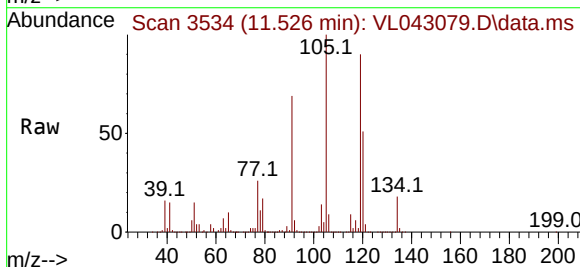
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDCCC010

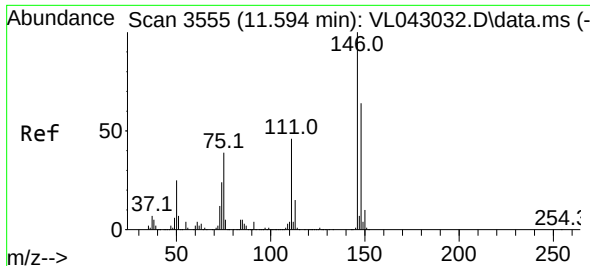
Tgt Ion:105 Resp: 686235
 Ion Ratio Lower Upper
 105 100
 120 46.4 37.5 56.3



#74
 1,2,4-Trimethylbenzene
 Concen: 10.315 ppbv
 RT: 11.526 min Scan# 3534
 Delta R.T. 0.003 min
 Lab File: VL043079.D
 Acq: 09 Oct 2025 09:29

Tgt Ion:105 Resp: 777637
 Ion Ratio Lower Upper
 105 100
 120 51.4 39.7 59.5
 91 68.8 56.5 84.7
 77 25.8 19.9 29.9

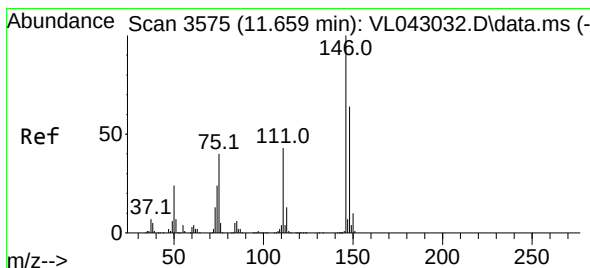
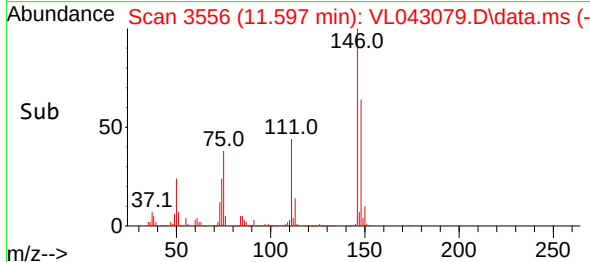
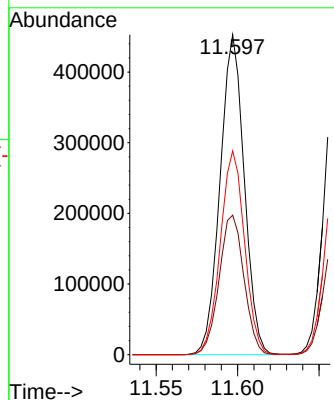
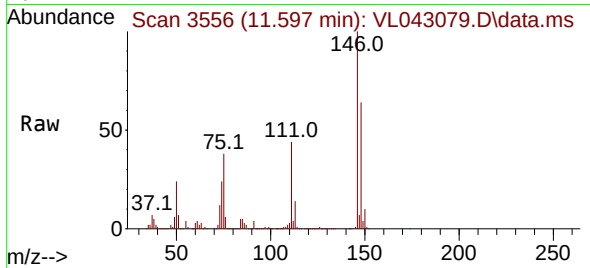




#75
1,3-Dichlorobenzene
Concen: 9.506 ppbv
RT: 11.597 min Scan# 3555
Delta R.T. 0.003 min
Lab File: VL043079.D
Acq: 09 Oct 2025 09:29

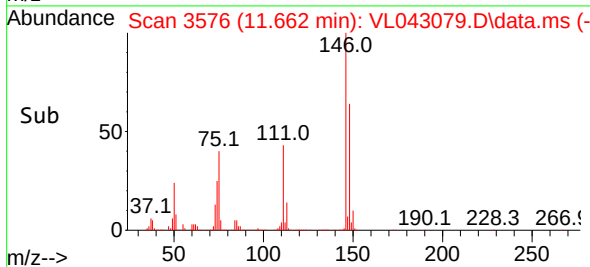
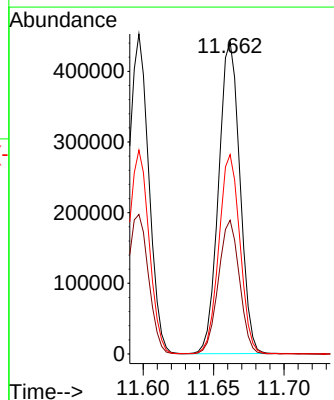
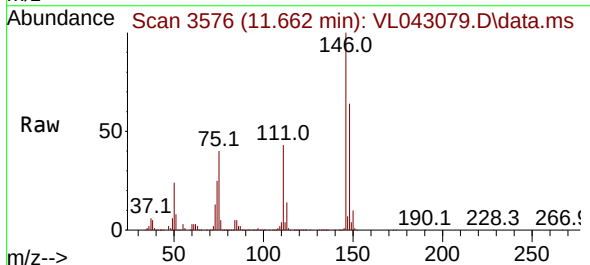
Instrument :
MSVOA_1
ClientSampleId :
VSTDCCC010

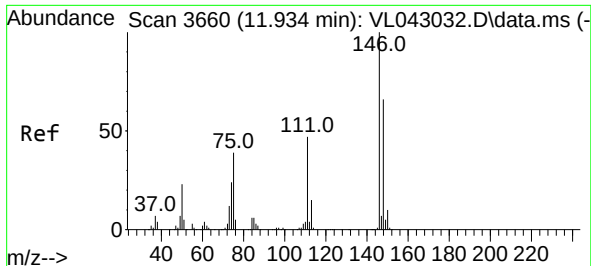
Tgt Ion:146 Resp: 466131
Ion Ratio Lower Upper
146 100
111 44.9 22.6 67.7
148 64.0 31.9 95.7



#76
1,4-Dichlorobenzene
Concen: 9.940 ppbv
RT: 11.662 min Scan# 3576
Delta R.T. 0.003 min
Lab File: VL043079.D
Acq: 09 Oct 2025 09:29

Tgt Ion:146 Resp: 464723
Ion Ratio Lower Upper
146 100
111 42.5 21.7 65.1
148 63.5 32.1 96.3

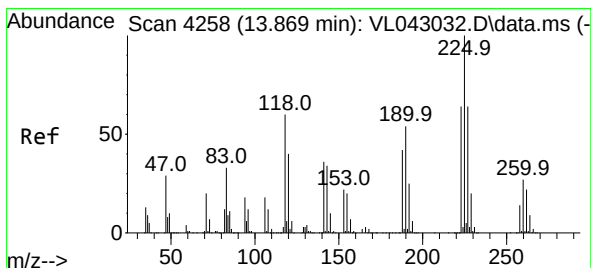
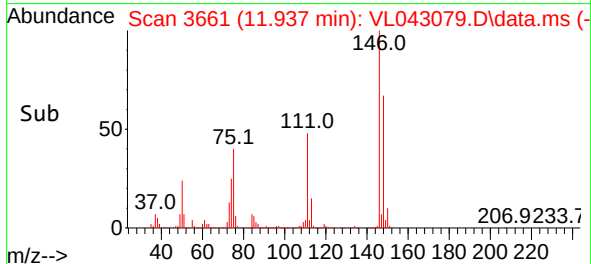
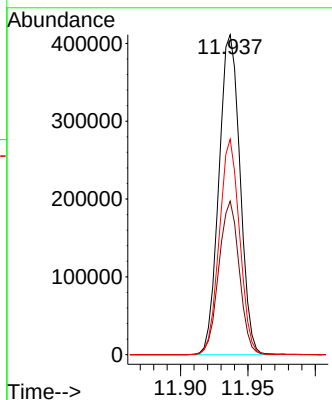
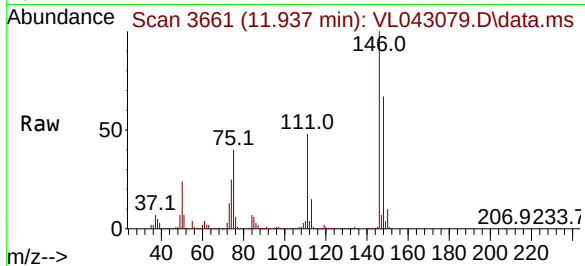




#77
1,2-Dichlorobenzene
Concen: 9.168 ppbv
RT: 11.937 min Scan# 3661
Delta R.T. 0.003 min
Lab File: VL043079.D
Acq: 09 Oct 2025 09:29

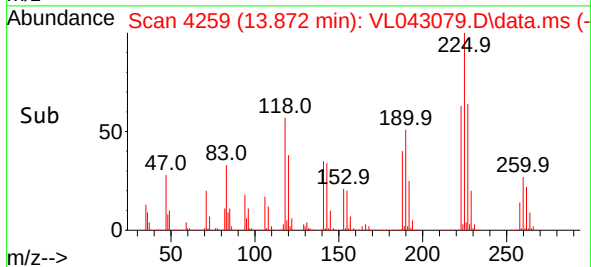
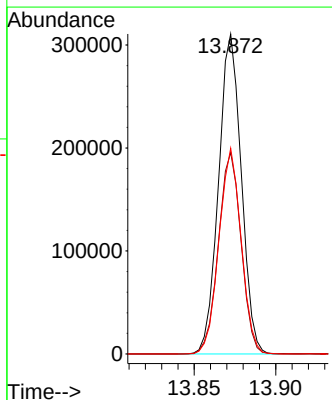
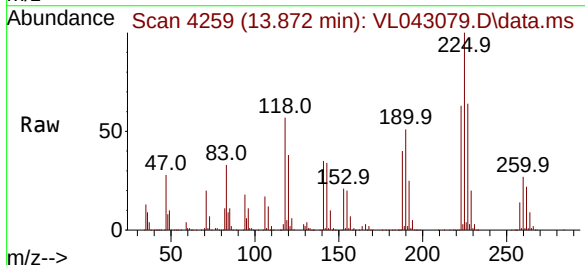
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

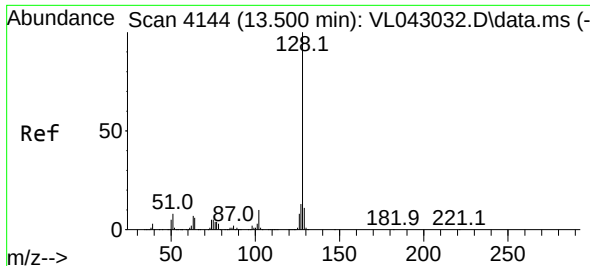
Tgt Ion:146 Resp: 447776
Ion Ratio Lower Upper
146 100
111 46.7 23.2 69.5
148 64.9 31.9 95.7



#78
Hexachloro-1,3-Butadiene
Concen: 8.838 ppbv
RT: 13.872 min Scan# 4259
Delta R.T. 0.003 min
Lab File: VL043079.D
Acq: 09 Oct 2025 09:29

Tgt Ion:225 Resp: 300771
Ion Ratio Lower Upper
225 100
223 62.7 50.9 76.3
227 62.8 50.9 76.3

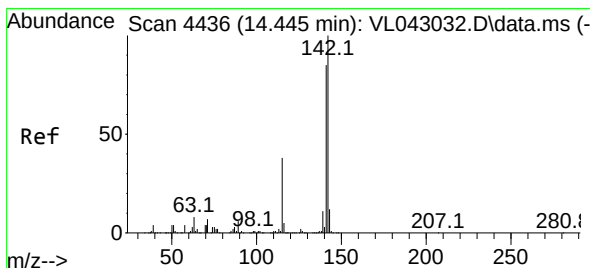
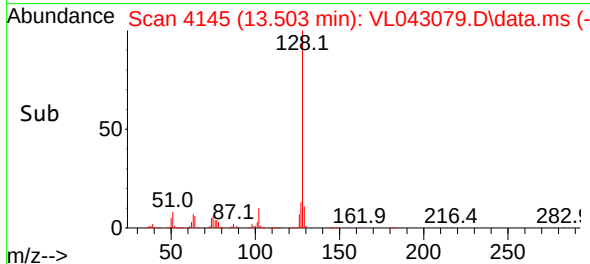
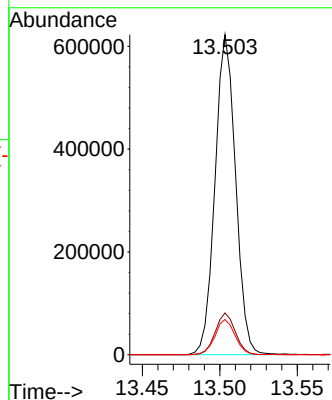
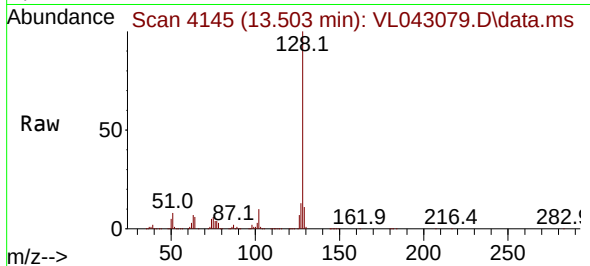




#79
Naphthalene
Concen: 9.050 ppbv
RT: 13.503 min Scan# 4144
Delta R.T. 0.003 min
Lab File: VL043079.D
Acq: 09 Oct 2025 09:29

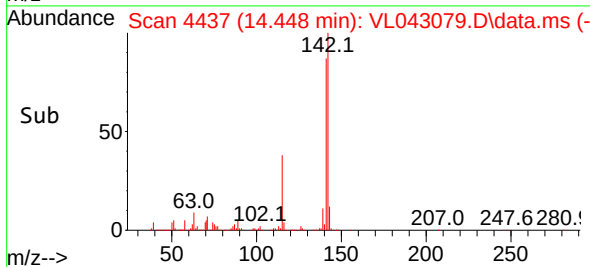
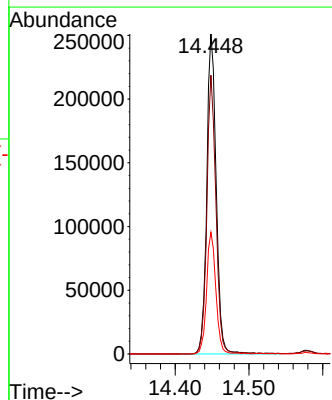
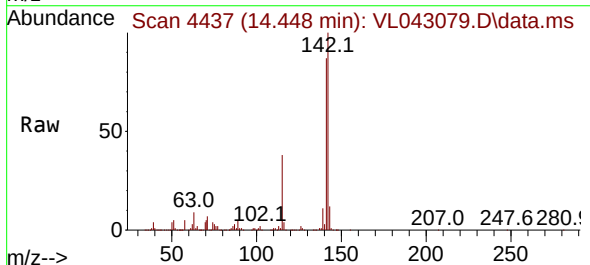
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

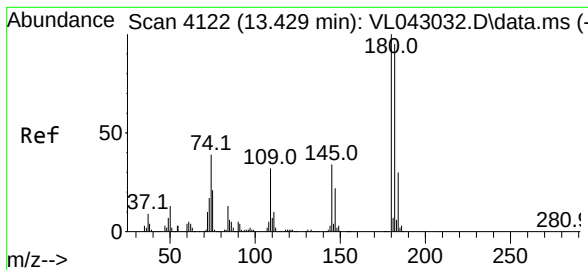
Tgt Ion:128 Resp: 574353
Ion Ratio Lower Upper
128 100
127 13.1 10.6 16.0
129 11.0 8.8 13.2



#80
Naphthalene,2-methyl-
Concen: 7.599 ppbv
RT: 14.448 min Scan# 4437
Delta R.T. 0.003 min
Lab File: VL043079.D
Acq: 09 Oct 2025 09:29

Tgt Ion:142 Resp: 221717
Ion Ratio Lower Upper
142 100
141 84.9 66.6 100.0
115 37.7 30.1 45.1





#81
 1,2,4-Trichlorobenzene
 Concen: 10.671 ppbv
 RT: 13.432 min Scan# 41
 Delta R.T. 0.003 min
 Lab File: VL043079.D
 Acq: 09 Oct 2025 09:29

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tgt Ion:	180	Resp:	310073
Ion	Ratio	Lower	Upper
180	100		
182	95.4	76.9	115.3
184	30.1	23.9	35.9

