

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL070325\
 Data File : VL042699.D
 Acq On : 03 Jul 2025 08:36
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Quant Time: Jul 04 03:52:49 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL070225AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Thu Jul 03 01:50:16 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.797	49	121789	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.972	114	298981	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.895	117	266456	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.387	95	209470	10.221	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.200%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.502	85	113451	8.898	ppbv	97
3) Chlorodifluoromethane	1.479	51	175020	9.180	ppbv	99
4) Chloromethane	1.538	50	44548	8.908	ppbv	96
5) Vinyl Chloride	1.583	62	39905	7.939	ppbv	99
6) Bromomethane	1.674	94	19554	8.708	ppbv	93
7) Chloroethane	1.709	64	16555	8.578	ppbv	93
8) Dichlorotetrafluoroethane	1.557	85	91155	8.629	ppbv	98
9) Propene	1.486	41	63173	8.856	ppbv	100
10) Heptane	4.998	43	203738	10.517	ppbv	98
11) Trichlorofluoromethane	1.884	101	121123	9.010	ppbv	98
12) 1,1,2-Trichlorotrifluo...	2.146	101	96957	9.112	ppbv	98
13) Ethanol	1.725	45	4728	6.868	ppbv	90
14) Bromoethene	1.787	108	33081	8.920	ppbv	98
15) Acetone	1.842	43	97496	8.071	ppbv	99
16) 1,3-Butadiene	1.612	39	47889	8.604	ppbv	100
17) tert-Butyl alcohol	2.046	59	110624	9.388	ppbv	98
18) 1,1-Dichloroethene	2.039	96	41172	8.709	ppbv	100
19) Isopropyl Alcohol	1.890	45	61393	8.843	ppbv #	1
20) Methylene Chloride	2.068	84	36371	7.874	ppbv	99
21) Allyl Chloride	2.101	41	78148	9.275	ppbv	98
22) trans-1,2-Dichloroethene	2.347	96	46791	9.086	ppbv	92
23) Vinyl Acetate	2.470	43	213218	10.908	ppbv	99
24) 1,1-Dichloroethane	2.415	63	94888	8.915	ppbv	99
25) Ethyl Acetate	2.842	43	362702	9.927	ppbv	100
26) Hexane	2.836	57	153787	10.088	ppbv	99
27) Carbon Disulfide	2.156	76	113800	9.154	ppbv	100
28) Methyl tert-Butyl Ether	2.447	73	63058	10.110	ppbv	99
29) Chloroform	2.858	83	211103	9.168	ppbv	99
30) Cyclohexane	3.868	84	119480	10.395	ppbv	98
31) cis-1,2-Dichloroethene	2.729	61	140617	9.692	ppbv	98
32) 1,1,1-Trichloroethane	3.379	97	192929	8.733	ppbv	99
34) 2-Butanone	2.564	43	231566	9.786	ppbv	100
35) Carbon Tetrachloride	3.774	117	190681	9.217	ppbv	99
36) Benzene	3.667	78	298352	9.901	ppbv	96
37) 1,2-Dichloroethane	3.227	62	152332	9.519	ppbv	99
38) Trichloroethene	4.567	130	115883	8.902	ppbv	94
39) 1,2-Dichloropropane	4.328	63	113900	9.692	ppbv	99
40) 1,4-Dioxane	4.596	88	46509	10.213	ppbv #	95
41) Tetrahydrofuran	3.062	42	130187	10.796	ppbv	98
42) Bromodichloromethane	4.506	83	221829	9.786	ppbv	97
43) Methyl Methacrylate	4.894	69	106229	10.962	ppbv	99
44) 2,2,4-Trimethylpentane	4.655	57	530602	10.482	ppbv	100
45) t-1,3-Dichloropropene	6.431	75	107246	10.543	ppbv	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL070325\
 Data File : VL042699.D
 Acq On : 03 Jul 2025 08:36
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

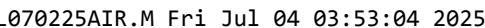
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

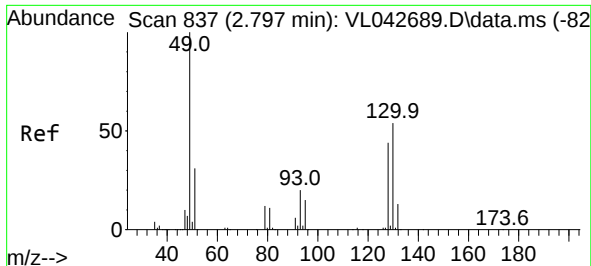
Quant Time: Jul 04 03:52:49 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL070225AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Thu Jul 03 01:50:16 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	5.619	75	147452	10.506	ppbv	98
47) 1,1,2-Trichloroethane	6.603	97	113558	9.811	ppbv	96
48) Dibromochloromethane	7.406	129	175019	9.875	ppbv	99
49) Bromoform	9.497	173	149140	9.743	ppbv	98
50) 4-Methyl-2-Pentanone	5.768	43	304956	11.006	ppbv	99
51) 2-Hexanone	7.451	43	240078	11.908	ppbv	98
52) Tetrachloroethene	8.237	164	95193	9.451	ppbv	94
53) Toluene	6.953	91	313922	11.157	ppbv	99
54) 1,2-Dibromoethane	7.668	107	161254	9.994	ppbv	98
56) 1,1,1,2-Tetrachloroethane	8.937	131	135428	9.400	ppbv	98
57) Chlorobenzene	8.937	112	249410	9.330	ppbv	98
58) Ethyl Benzene	9.367	91	430818	11.180	ppbv	98
59) m/p-Xylene	9.545	91	368872	11.429	ppbv #	30
60) o-Xylene	9.976	91	350917	11.052	ppbv	99
61) Styrene	9.882	104	145889	11.697	ppbv	99
62) Isopropylbenzene	10.552	105	512377	10.692	ppbv	100
63) 1,1,2,2-Tetrachloroethane	9.976	83	231326	9.461	ppbv	98
64) n-propylbenzene	10.998	120	134154	10.934	ppbv	99
65) tert-Butylbenzene	11.542	119	439909	10.725	ppbv	99
66) Benzyl Chloride	11.626	91	42511	10.697	ppbv	99
67) sec-Butylbenzene	11.778	105	642441	10.223	ppbv	100
69) p-Isopropyltoluene	11.937	119	528482	10.567	ppbv	100
70) n-Butylbenzene	12.290	91	550637	10.928	ppbv	99
71) 2-Chlorotoluene	10.911	91	384447	10.844	ppbv	99
72) 4-Ethyltoluene	11.134	105	431686	11.142	ppbv	99
73) 1,3,5-Trimethylbenzene	11.215	105	357192	10.936	ppbv	96
74) 1,2,4-Trimethylbenzene	11.549	105	390891	10.490	ppbv	94
75) 1,3-Dichlorobenzene	11.617	146	247836	9.480	ppbv	99
76) 1,4-Dichlorobenzene	11.681	146	247356	9.970	ppbv	100
77) 1,2-Dichlorobenzene	11.956	146	242468	9.181	ppbv	99
78) Hexachloro-1,3-Butadiene	13.889	225	168191	8.177	ppbv	100
79) Naphthalene	13.523	128	359527	11.560	ppbv	98
80) Naphthalene,2-methyl-	14.465	142	142000	10.993	ppbv	98
81) 1,2,4-Trichlorobenzene	13.448	180	184786	10.196	ppbv	99

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

Quant Time: Jul 04 03:52:49 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL070225AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Thu Jul 03 01:50:16 2025
Response via : Initial Calibration

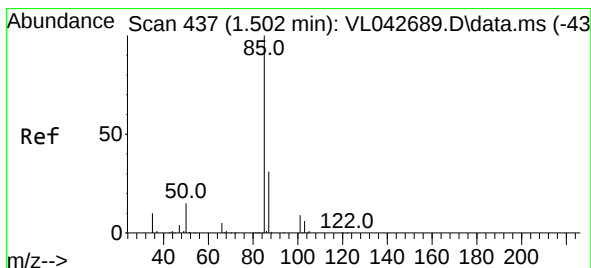
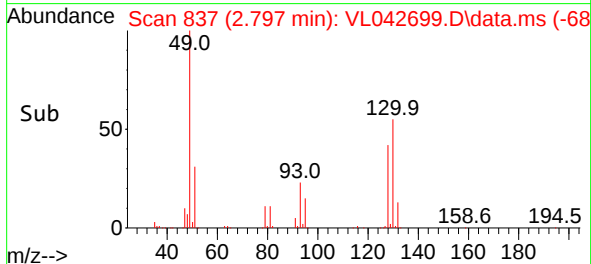
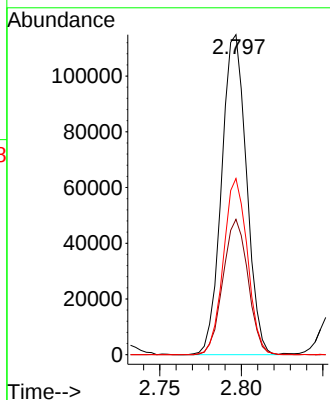
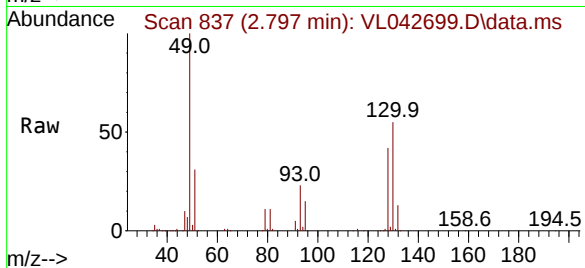




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.797 min Scan# 837
Delta R.T. -0.000 min
Lab File: VL042699.D
Acq: 03 Jul 2025 08:36

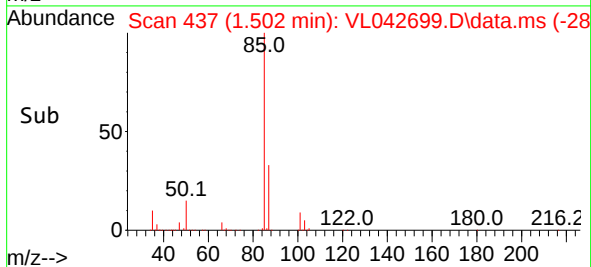
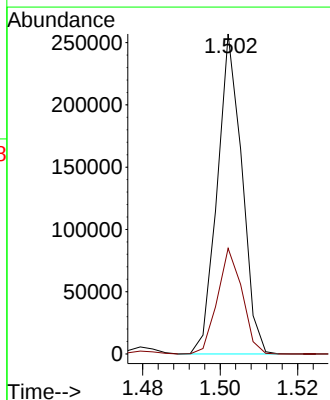
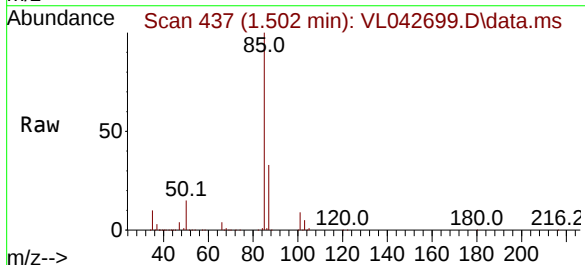
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

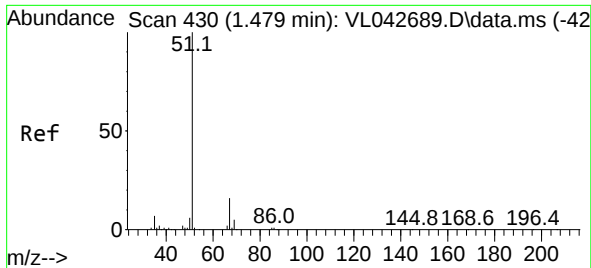
Tgt Ion: 49 Resp: 121789
Ion Ratio Lower Upper
49 100
128 42.5 21.4 64.2
130 53.1 28.0 84.0



#2
Dichlorodifluoromethane
Concen: 8.898 ppbv
RT: 1.502 min Scan# 437
Delta R.T. -0.000 min
Lab File: VL042699.D
Acq: 03 Jul 2025 08:36

Tgt Ion: 85 Resp: 113451
Ion Ratio Lower Upper
85 100
87 33.0 25.1 37.7

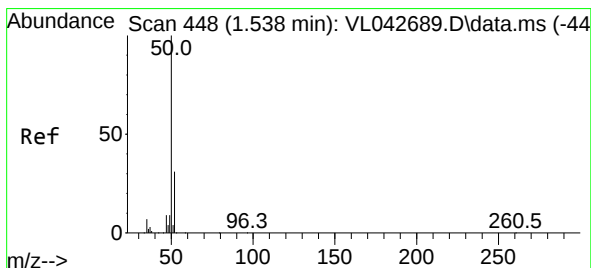
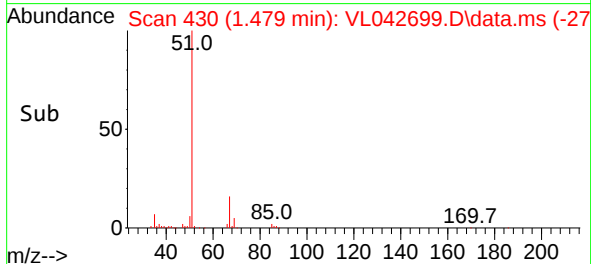
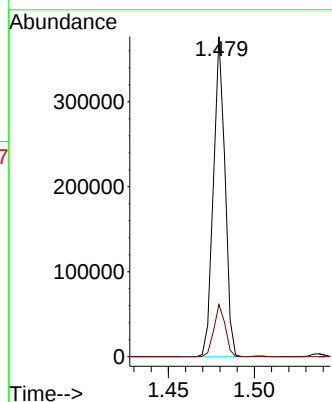
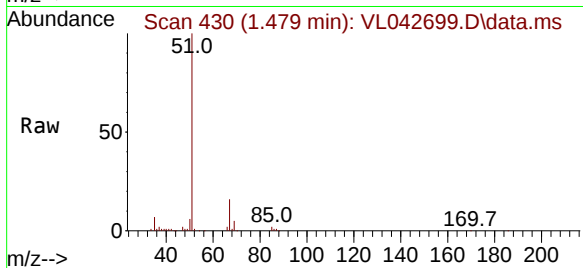




#3
Chlorodifluoromethane
Concen: 9.180 ppbv
RT: 1.479 min Scan# 41
Delta R.T. -0.000 min
Lab File: VL042699.D
Acq: 03 Jul 2025 08:36

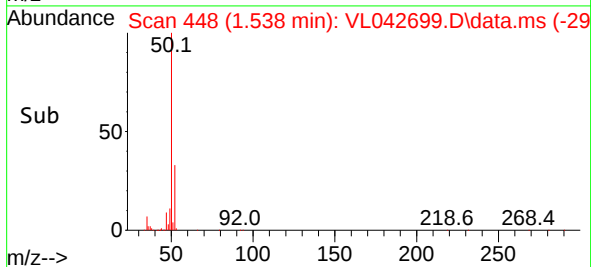
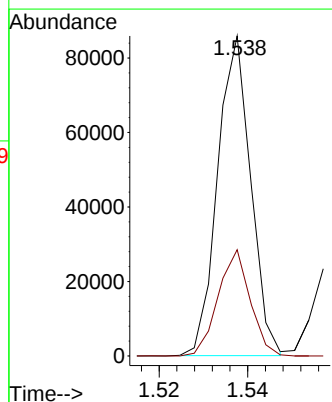
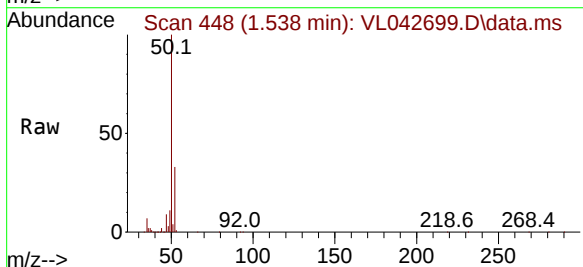
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

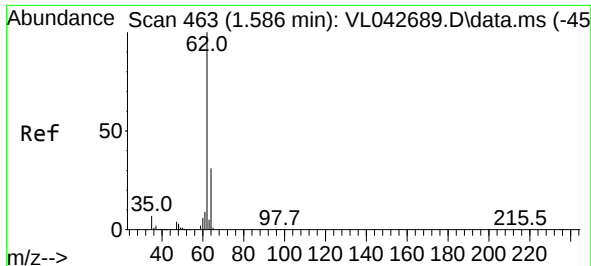
Tgt Ion: 51 Resp: 175020
Ion Ratio Lower Upper
51 100
67 16.1 13.1 19.7



#4
Chloromethane
Concen: 8.908 ppbv
RT: 1.538 min Scan# 448
Delta R.T. -0.000 min
Lab File: VL042699.D
Acq: 03 Jul 2025 08:36

Tgt Ion: 50 Resp: 44548
Ion Ratio Lower Upper
50 100
52 33.3 24.8 37.2

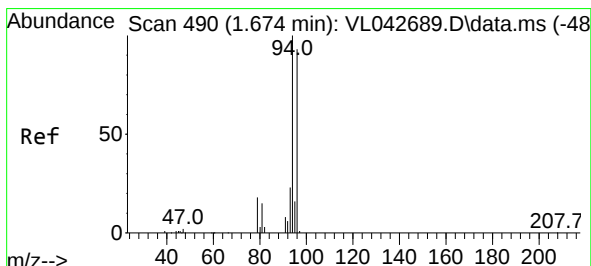
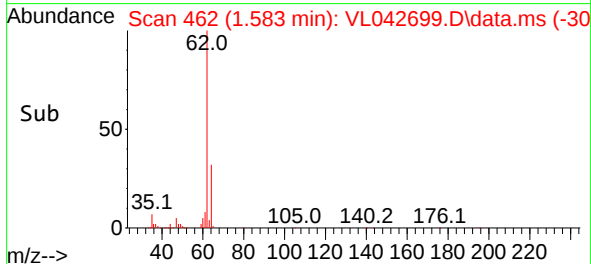
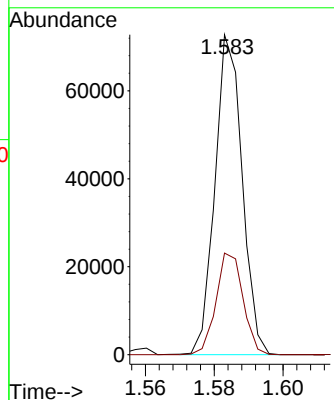
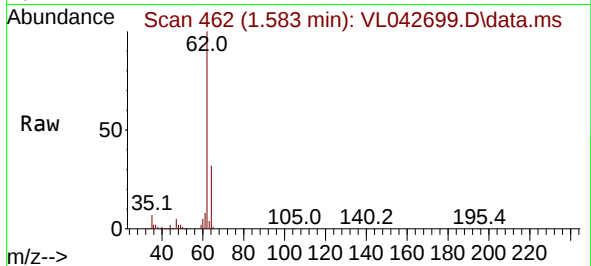




#5
 Vinyl Chloride
 Concen: 7.939 ppbv
 RT: 1.583 min Scan# 41
 Delta R.T. -0.003 min
 Lab File: VL042699.D
 Acq: 03 Jul 2025 08:36

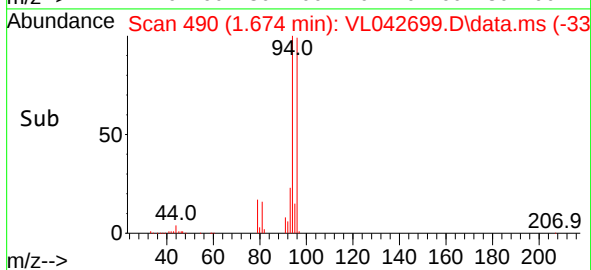
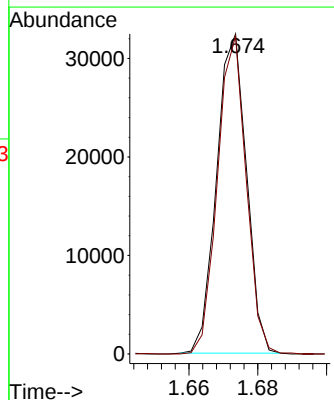
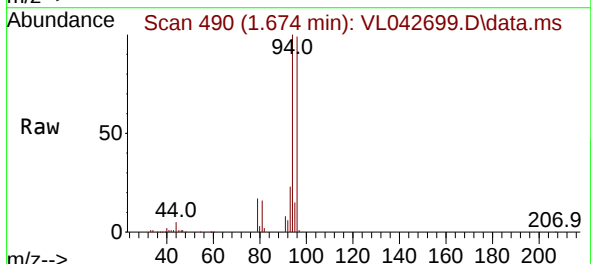
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDCCC010

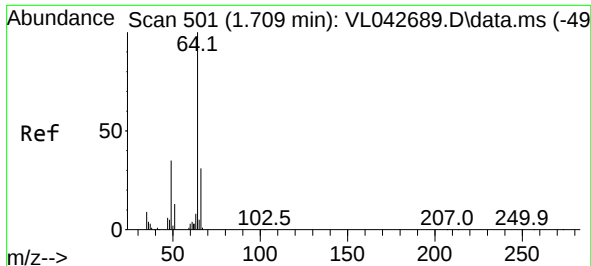
Tgt Ion: 62 Resp: 39905
 Ion Ratio Lower Upper
 62 100
 64 31.7 25.1 37.7



#6
 Bromomethane
 Concen: 8.708 ppbv
 RT: 1.674 min Scan# 490
 Delta R.T. -0.000 min
 Lab File: VL042699.D
 Acq: 03 Jul 2025 08:36

Tgt Ion: 94 Resp: 19554
 Ion Ratio Lower Upper
 94 100
 96 99.6 74.6 112.0

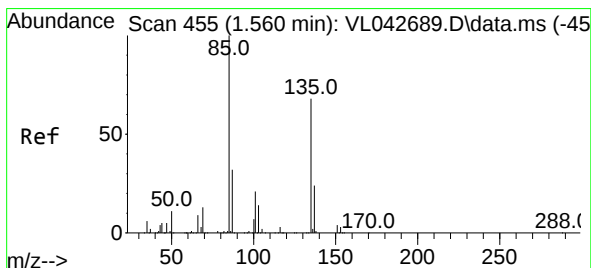
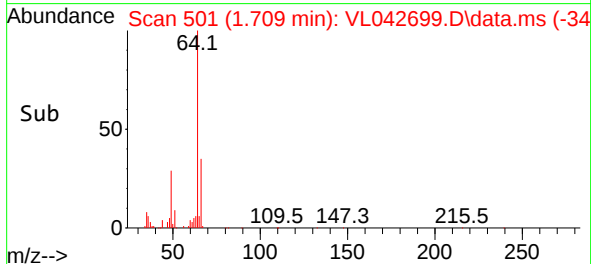
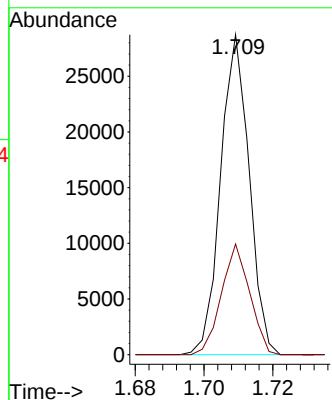
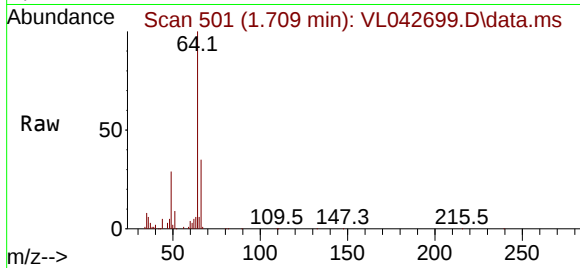




#7
Chloroethane
Concen: 8.578 ppbv
RT: 1.709 min Scan# 501
Delta R.T. -0.000 min
Lab File: VL042699.D
Acq: 03 Jul 2025 08:36

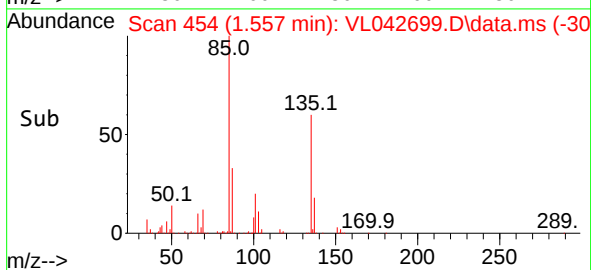
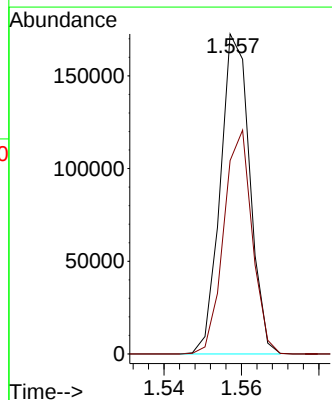
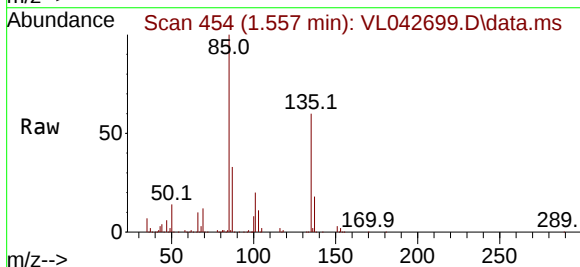
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

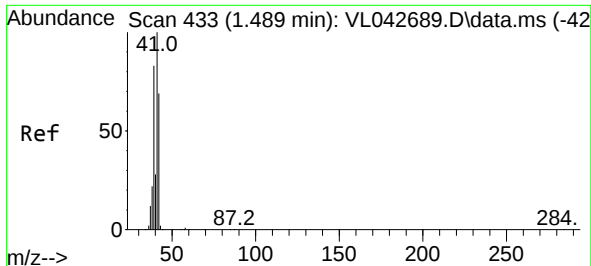
Tgt Ion: 64 Resp: 16555
Ion Ratio Lower Upper
64 100
66 34.6 24.7 37.1



#8
Dichlorotetrafluoroethane
Concen: 8.629 ppbv
RT: 1.557 min Scan# 454
Delta R.T. -0.003 min
Lab File: VL042699.D
Acq: 03 Jul 2025 08:36

Tgt Ion: 85 Resp: 91155
Ion Ratio Lower Upper
85 100
135 67.7 52.6 79.0

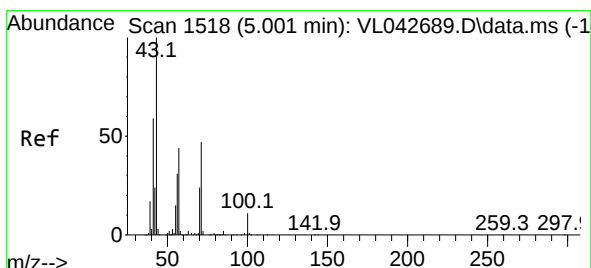
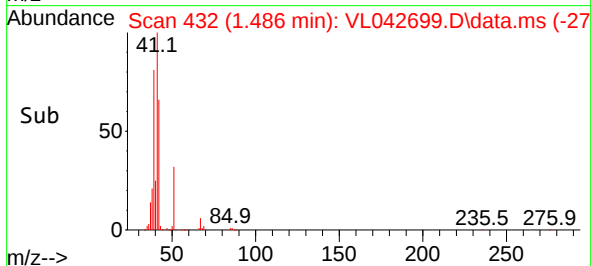
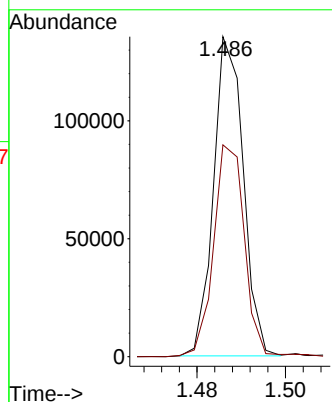
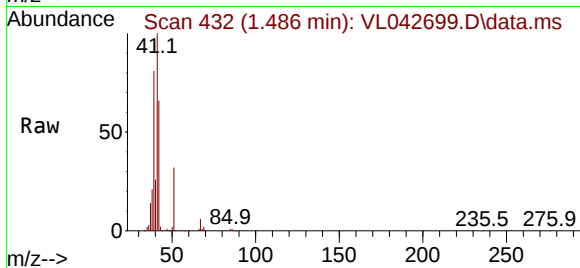




#9
 Propene
 Concen: 8.856 ppbv
 RT: 1.486 min Scan# 41
 Delta R.T. -0.003 min
 Lab File: VL042699.D
 Acq: 03 Jul 2025 08:36

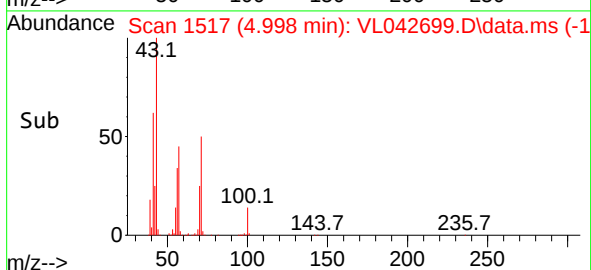
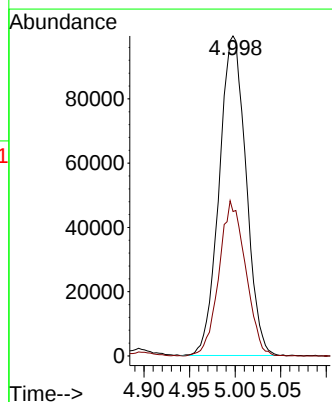
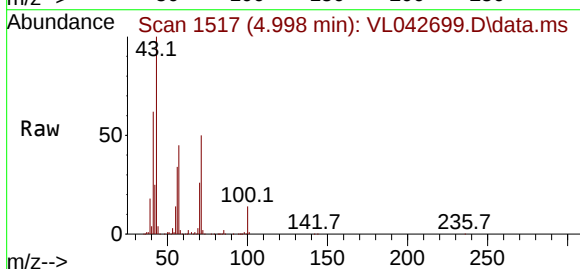
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

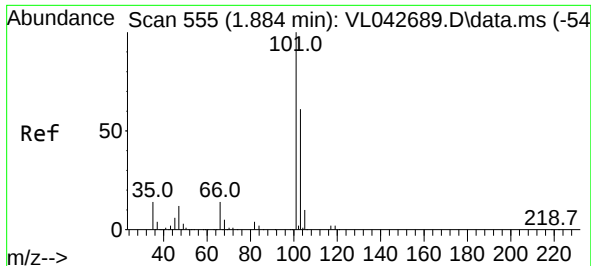
Tgt Ion: 41 Resp: 63173
 Ion Ratio Lower Upper
 41 100
 42 69.8 55.6 83.4



#10
 Heptane
 Concen: 10.517 ppbv
 RT: 4.998 min Scan# 1517
 Delta R.T. -0.003 min
 Lab File: VL042699.D
 Acq: 03 Jul 2025 08:36

Tgt Ion: 43 Resp: 203738
 Ion Ratio Lower Upper
 43 100
 57 48.3 37.4 56.0

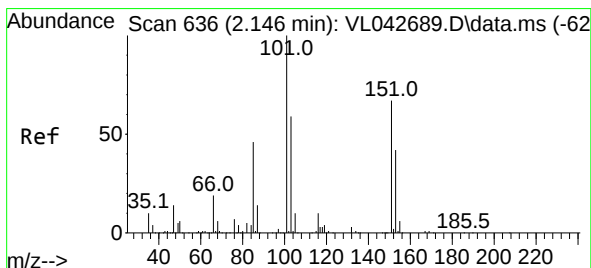
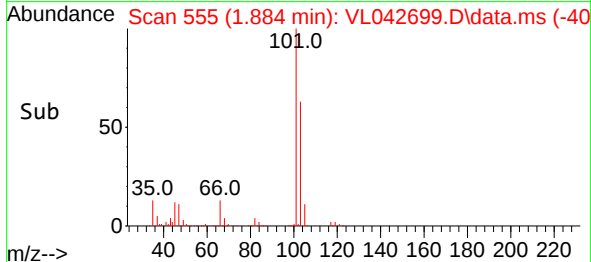
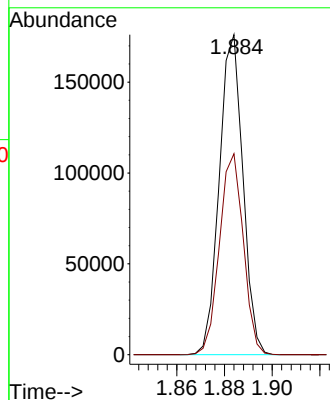
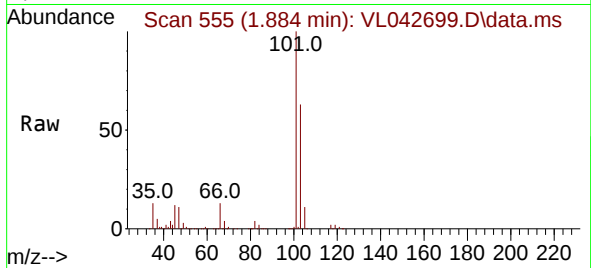




#11
 Trichlorofluoromethane
 Concen: 9.010 ppbv
 RT: 1.884 min Scan# 511
 Delta R.T. -0.000 min
 Lab File: VL042699.D
 Acq: 03 Jul 2025 08:36

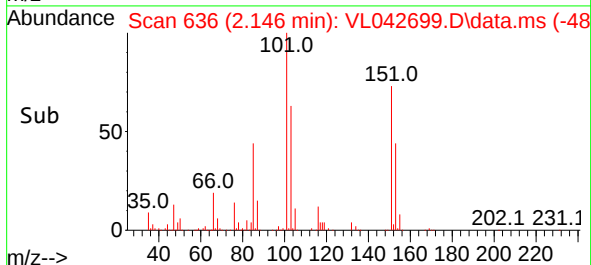
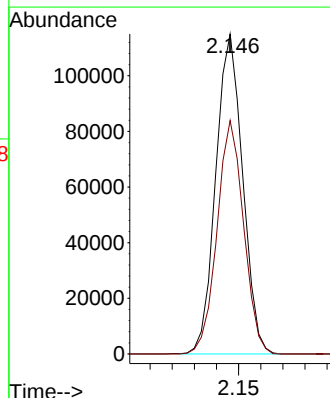
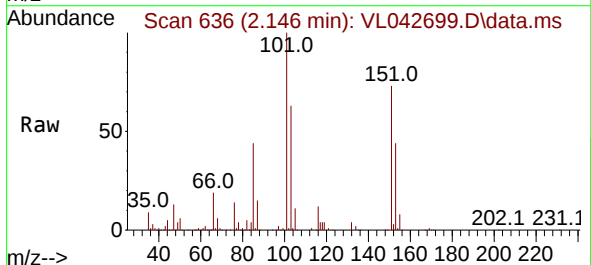
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

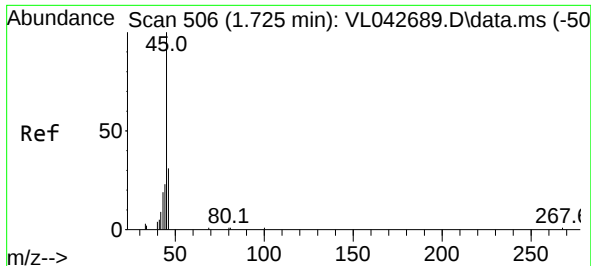
Tgt Ion:101 Resp: 121123
 Ion Ratio Lower Upper
 101 100
 103 62.8 48.9 73.3



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 9.112 ppbv
 RT: 2.146 min Scan# 636
 Delta R.T. -0.000 min
 Lab File: VL042699.D
 Acq: 03 Jul 2025 08:36

Tgt Ion:101 Resp: 96957
 Ion Ratio Lower Upper
 101 100
 151 72.1 56.6 84.8

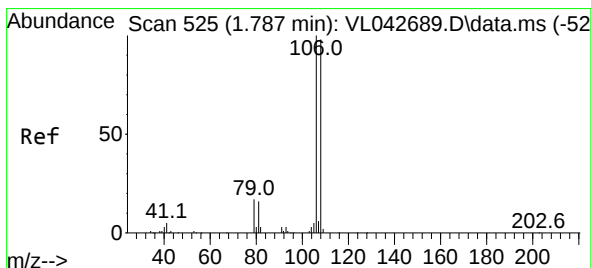
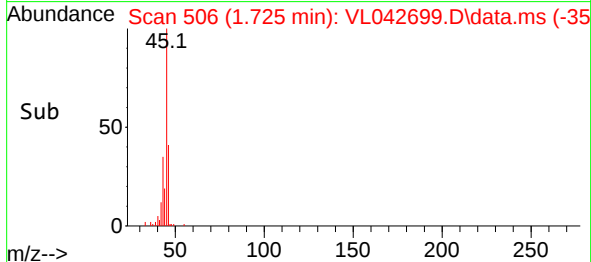
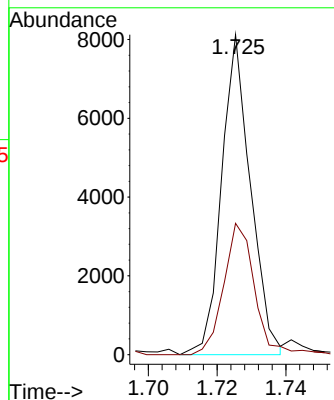
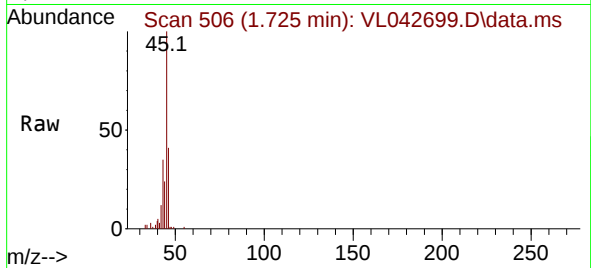




#13
Ethanol
Concen: 6.868 ppbv
RT: 1.725 min Scan# 506
Delta R.T. -0.000 min
Lab File: VL042699.D
Acq: 03 Jul 2025 08:36

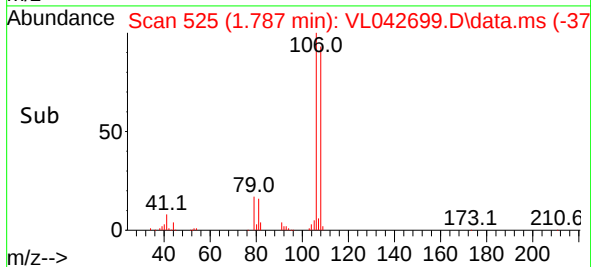
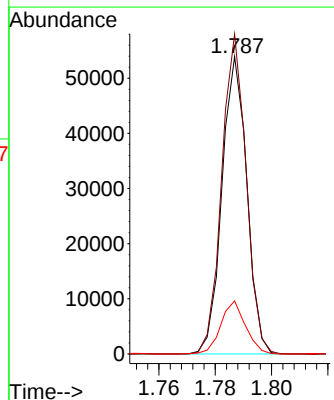
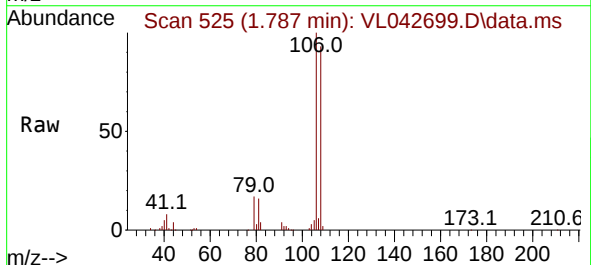
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

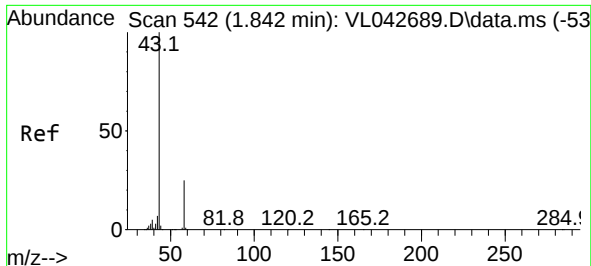
Tgt Ion: 45 Resp: 4728
Ion Ratio Lower Upper
45 100
46 44.2 15.2 60.8



#14
Bromoethene
Concen: 8.920 ppbv
RT: 1.787 min Scan# 525
Delta R.T. -0.000 min
Lab File: VL042699.D
Acq: 03 Jul 2025 08:36

Tgt Ion: 108 Resp: 33081
Ion Ratio Lower Upper
108 100
106 105.2 85.9 128.9
79 18.0 14.5 21.7

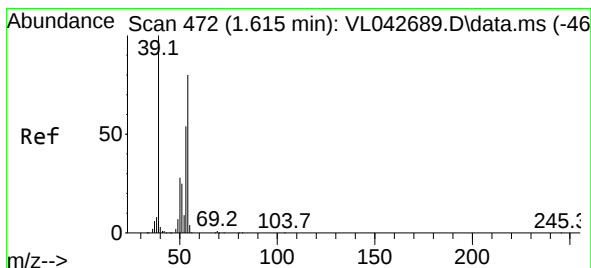
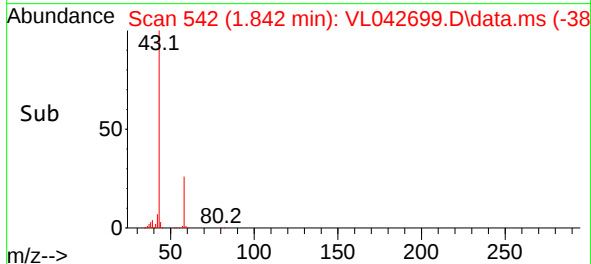
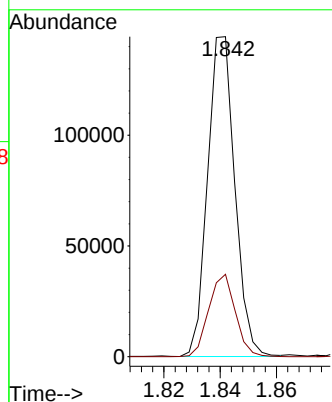
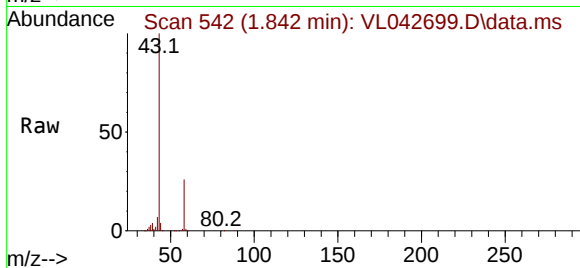




#15
Acetone
Concen: 8.071 ppbv
RT: 1.842 min Scan# 54
Delta R.T. -0.000 min
Lab File: VL042699.D
Acq: 03 Jul 2025 08:36

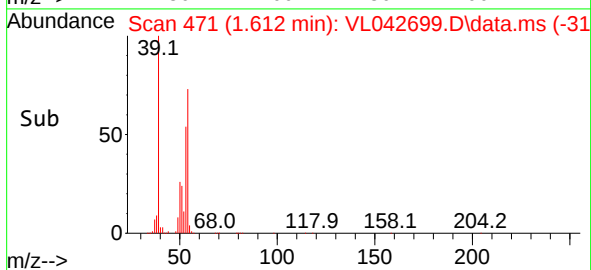
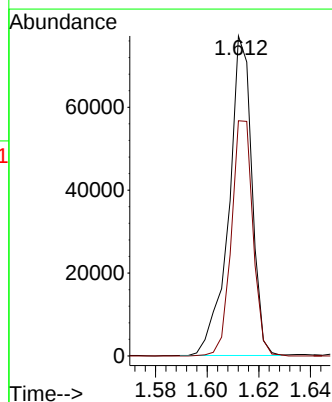
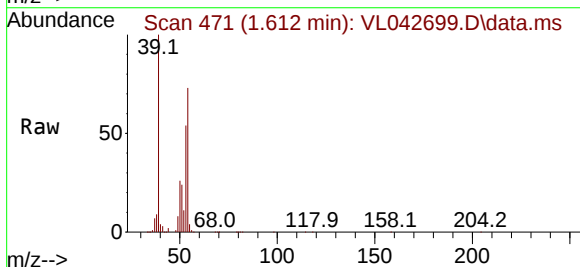
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

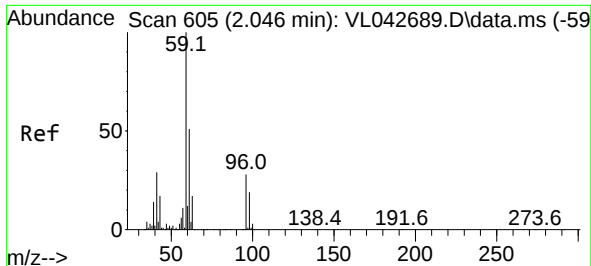
Tgt Ion: 43 Resp: 97496
Ion Ratio Lower Upper
43 100
58 25.1 20.6 31.0



#16
1,3-Butadiene
Concen: 8.604 ppbv
RT: 1.612 min Scan# 471
Delta R.T. -0.003 min
Lab File: VL042699.D
Acq: 03 Jul 2025 08:36

Tgt Ion: 39 Resp: 47889
Ion Ratio Lower Upper
39 100
54 69.0 54.9 82.3





#17

tert-Butyl alcohol

Concen: 9.388 ppbv

RT: 2.046 min Scan# 605

Delta R.T. -0.000 min

Lab File: VL042699.D

Acq: 03 Jul 2025 08:36

Instrument :

MSVOA_L

ClientSampleId :

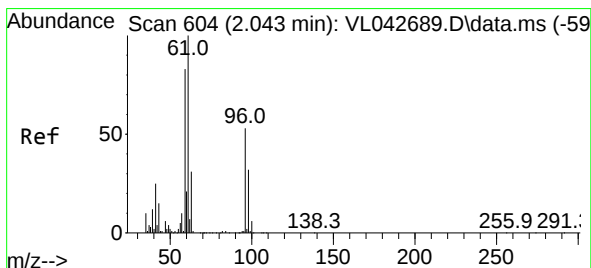
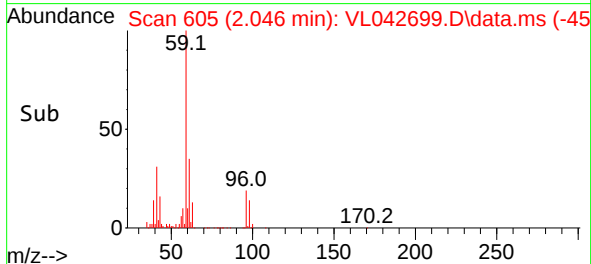
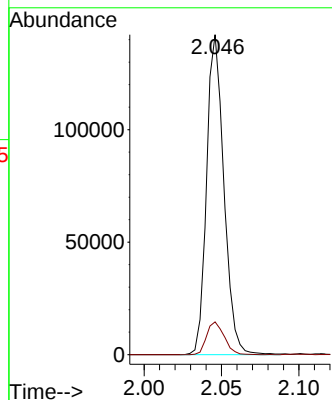
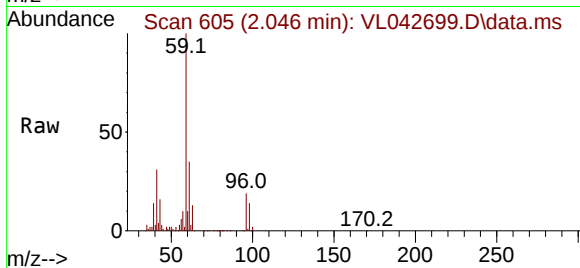
VSTDCCC010

Tgt Ion: 59 Resp: 110624

Ion Ratio Lower Upper

59 100

57 10.4 8.8 13.2



#18

1,1-Dichloroethene

Concen: 8.709 ppbv

RT: 2.039 min Scan# 603

Delta R.T. -0.003 min

Lab File: VL042699.D

Acq: 03 Jul 2025 08:36

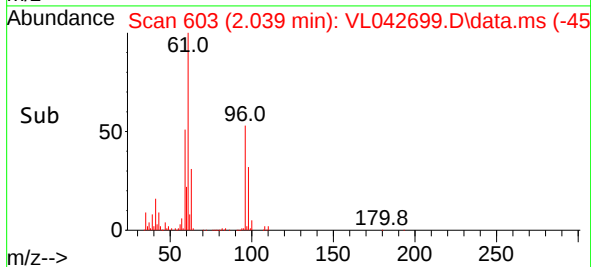
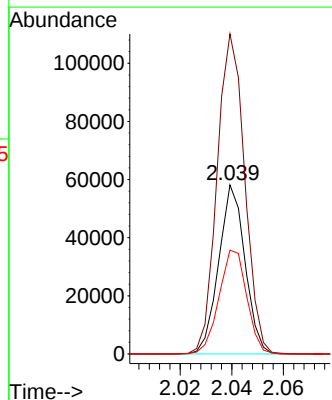
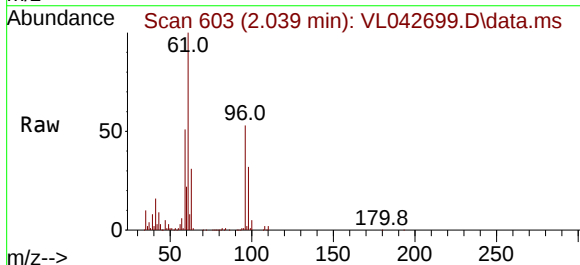
Tgt Ion: 96 Resp: 41172

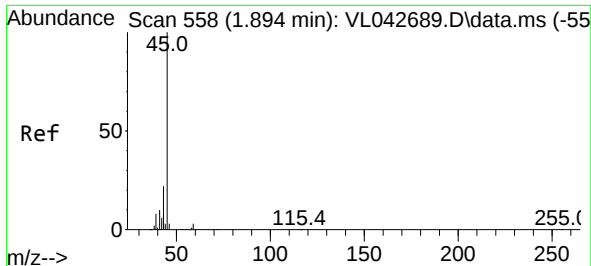
Ion Ratio Lower Upper

96 100

61 189.0 151.0 226.6

98 61.4 49.0 73.4

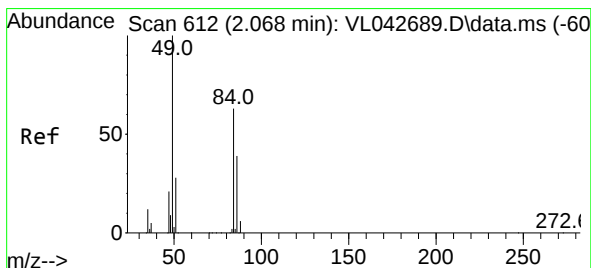
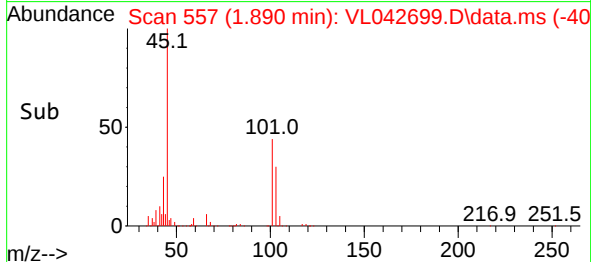
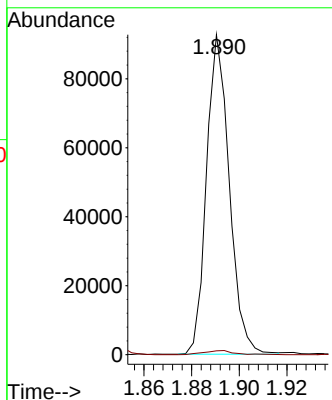
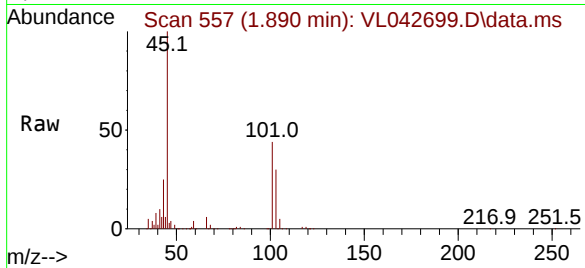




#19
Isopropyl Alcohol
Concen: 8.843 ppbv
RT: 1.890 min Scan# 51
Delta R.T. -0.003 min
Lab File: VL042699.D
Acq: 03 Jul 2025 08:36

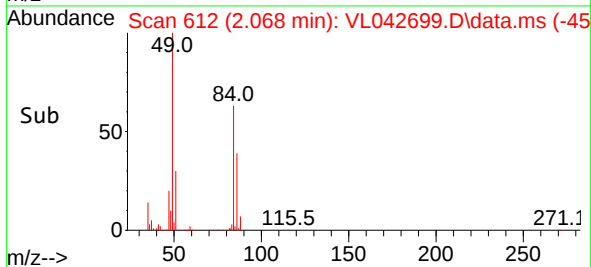
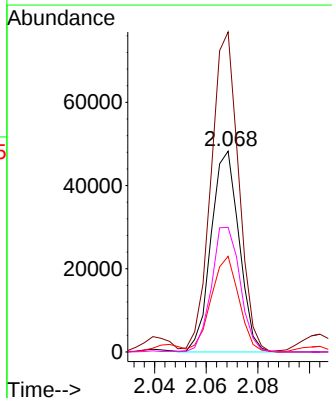
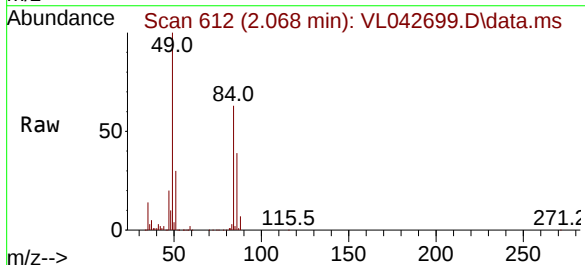
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

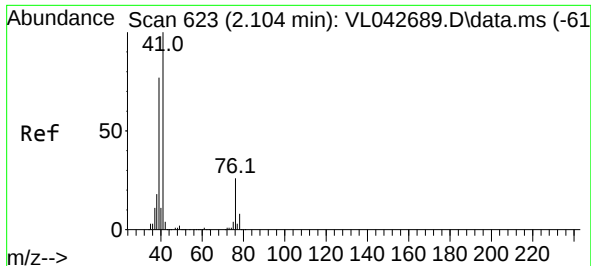
Tgt Ion: 45 Resp: 61393
Ion Ratio Lower Upper
45 100
58 39.8 1.4 2.2#



#20
Methylene Chloride
Concen: 7.874 ppbv
RT: 2.068 min Scan# 612
Delta R.T. -0.000 min
Lab File: VL042699.D
Acq: 03 Jul 2025 08:36

Tgt Ion: 84 Resp: 36371
Ion Ratio Lower Upper
84 100
49 158.6 128.6 193.0
51 47.6 37.4 56.2
86 62.1 49.2 73.8

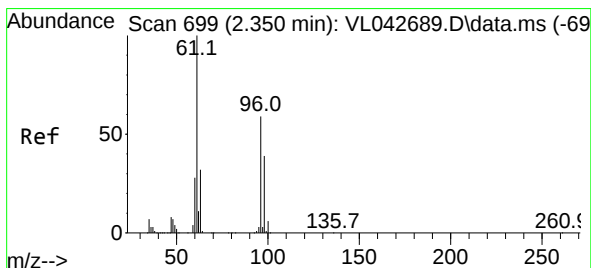
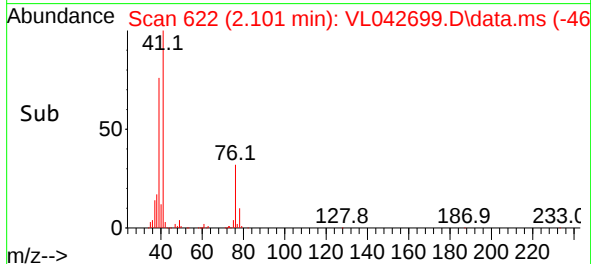
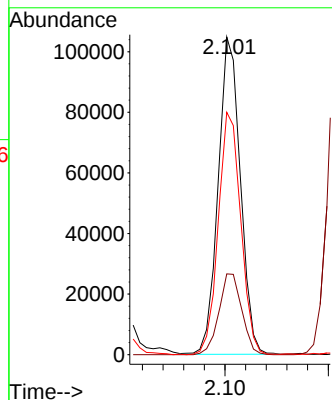
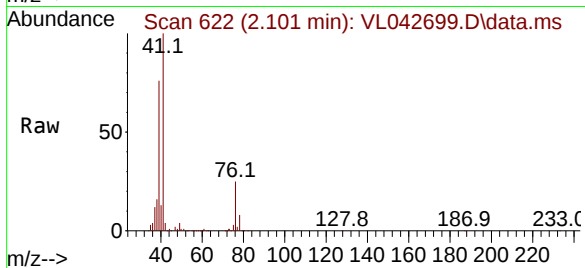




#21
 Allyl Chloride
 Concen: 9.275 ppbv
 RT: 2.101 min Scan# 61
 Delta R.T. -0.003 min
 Lab File: VL042699.D
 Acq: 03 Jul 2025 08:36

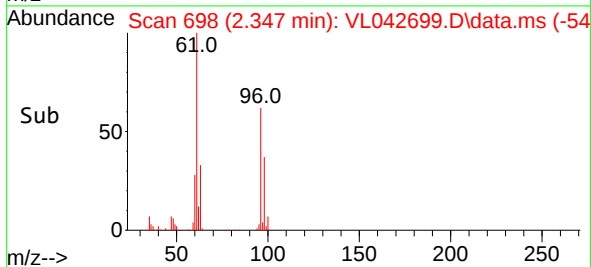
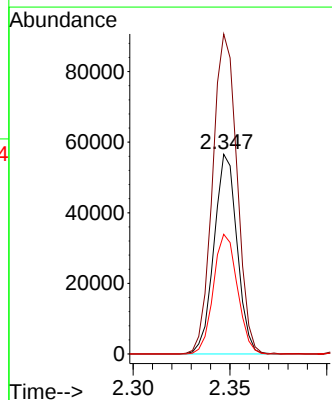
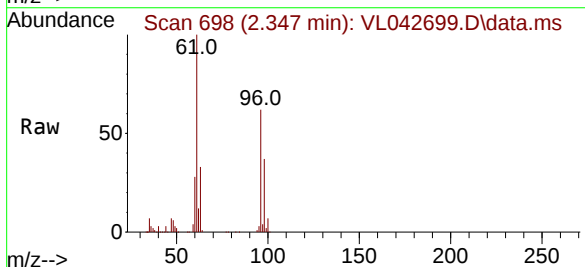
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

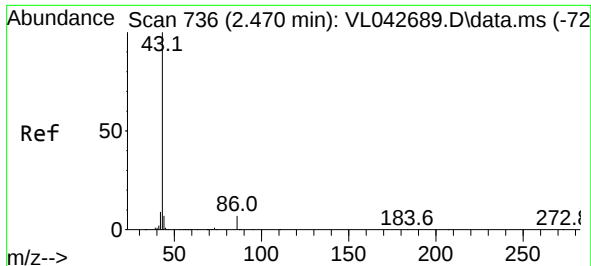
Tgt Ion: 41 Resp: 78148
 Ion Ratio Lower Upper
 41 100
 76 26.3 21.7 32.5
 39 77.0 63.4 95.2



#22
 trans-1,2-Dichloroethene
 Concen: 9.086 ppbv
 RT: 2.347 min Scan# 698
 Delta R.T. -0.003 min
 Lab File: VL042699.D
 Acq: 03 Jul 2025 08:36

Tgt Ion: 96 Resp: 46791
 Ion Ratio Lower Upper
 96 100
 61 160.2 136.5 204.7
 98 59.9 53.5 80.3



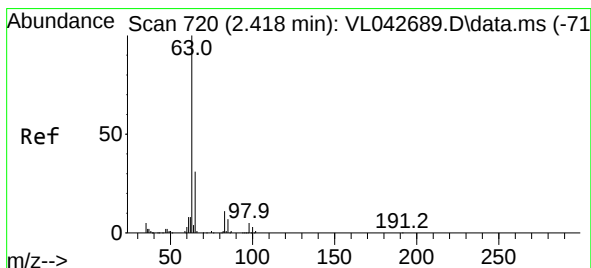
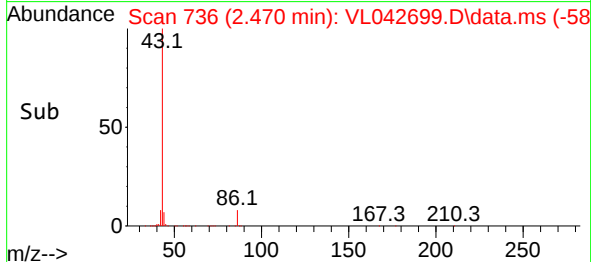
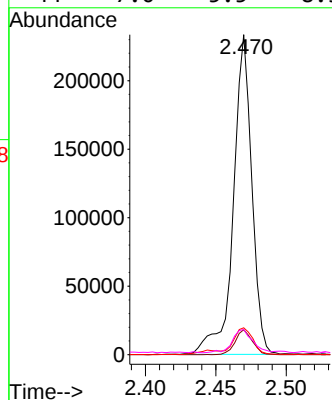
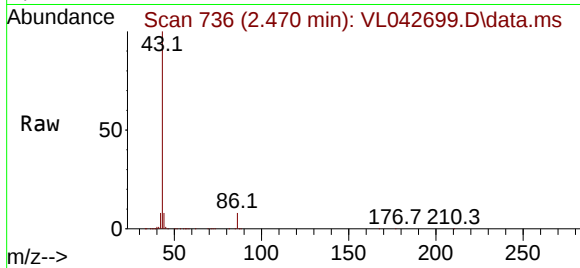


#23
 Vinyl Acetate
 Concen: 10.908 ppbv
 RT: 2.470 min Scan# 719
 Delta R.T. -0.000 min
 Lab File: VL042699.D
 Acq: 03 Jul 2025 08:36

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tgt Ion: 43 Resp: 213218

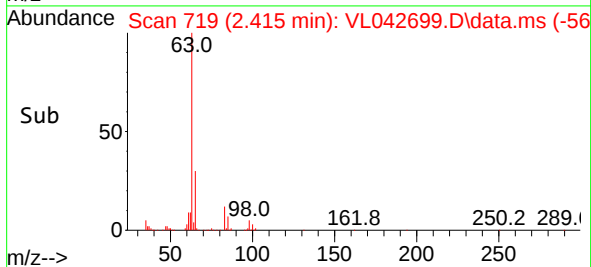
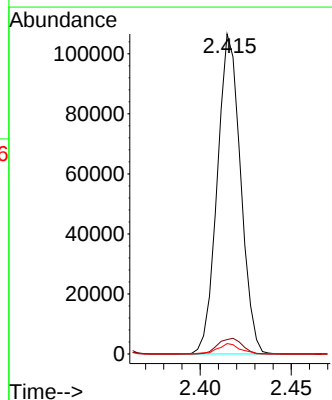
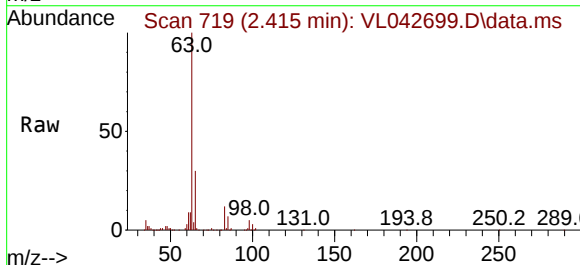
Ion	Ratio	Lower	Upper
43	100		
86	7.8	5.8	8.6
42	8.3	7.2	10.8
44	7.0	5.5	8.3

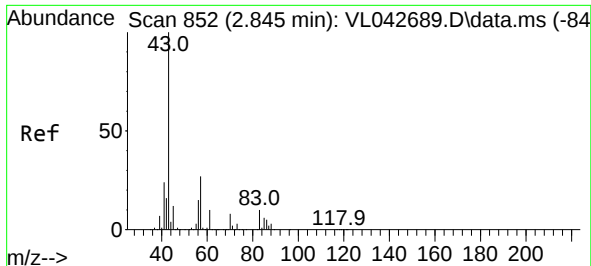


#24
 1,1-Dichloroethane
 Concen: 8.915 ppbv
 RT: 2.415 min Scan# 719
 Delta R.T. -0.003 min
 Lab File: VL042699.D
 Acq: 03 Jul 2025 08:36

Tgt Ion: 63 Resp: 94888

Ion	Ratio	Lower	Upper
63	100		
98	4.5	2.5	7.6
100	3.2	1.7	5.0

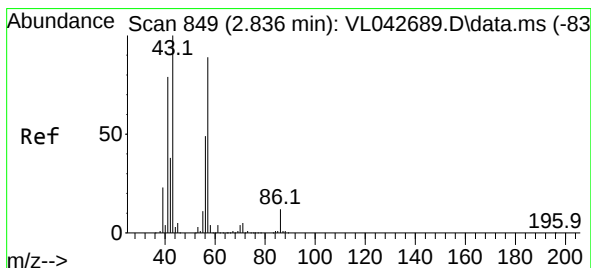
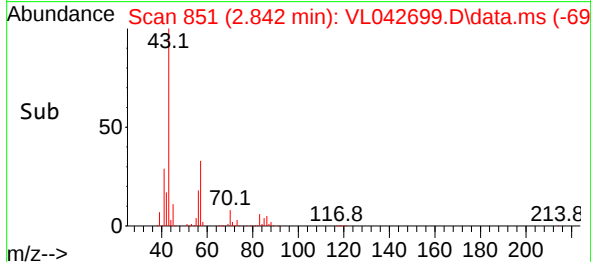
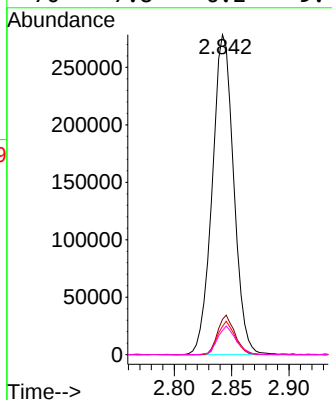
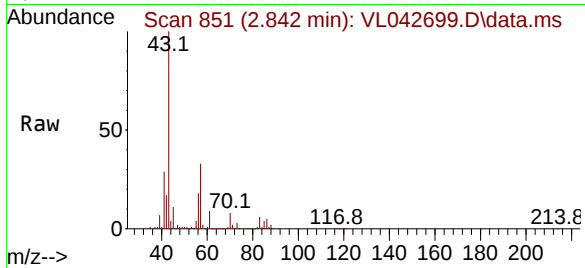




#25
Ethyl Acetate
Concen: 9.927 ppbv
RT: 2.842 min Scan# 851
Delta R.T. -0.003 min
Lab File: VL042699.D
Acq: 03 Jul 2025 08:36

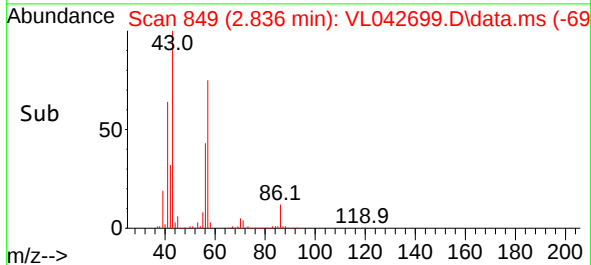
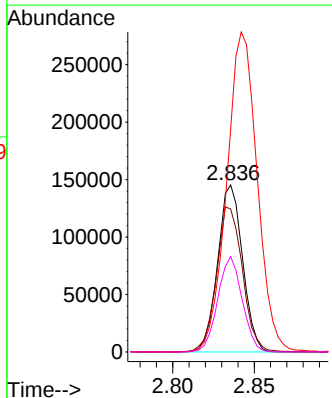
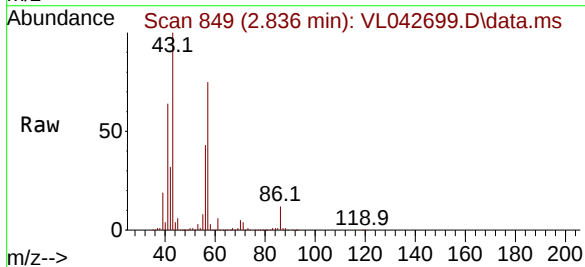
Instrument :
MSVOA_1
ClientSampleId :
VSTDCCC010

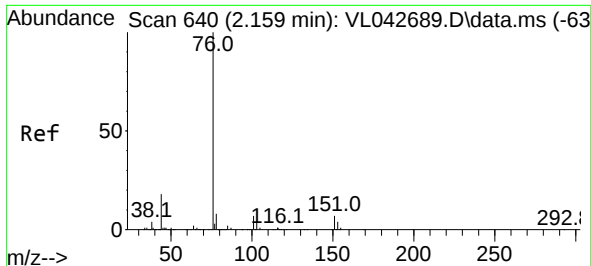
Tgt Ion: 43 Resp: 362702
Ion Ratio Lower Upper
43 100
45 10.0 8.1 12.1
61 8.4 7.0 10.6
70 7.8 6.2 9.4



#26
Hexane
Concen: 10.088 ppbv
RT: 2.836 min Scan# 849
Delta R.T. -0.000 min
Lab File: VL042699.D
Acq: 03 Jul 2025 08:36

Tgt Ion: 57 Resp: 153787
Ion Ratio Lower Upper
57 100
41 91.0 73.7 110.5
43 236.1 190.6 285.8
56 56.1 44.8 67.2

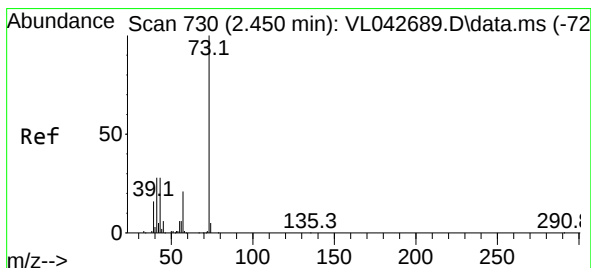
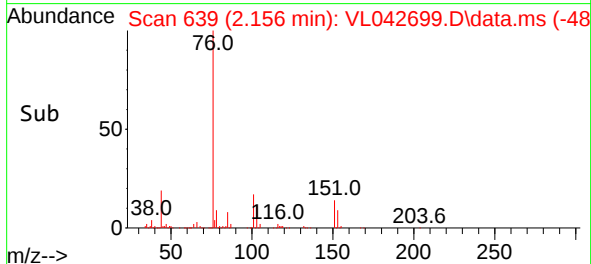
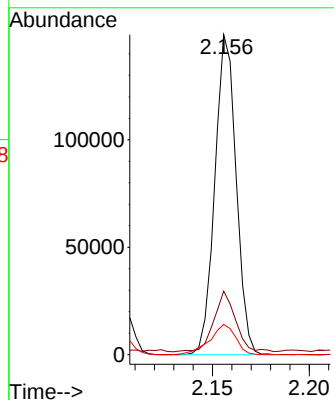
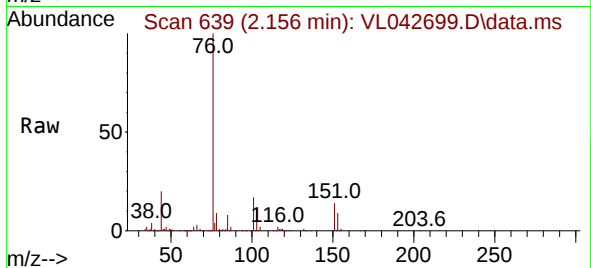




#27
Carbon Disulfide
Concen: 9.154 ppbv
RT: 2.156 min Scan# 611
Delta R.T. -0.003 min
Lab File: VL042699.D
Acq: 03 Jul 2025 08:36

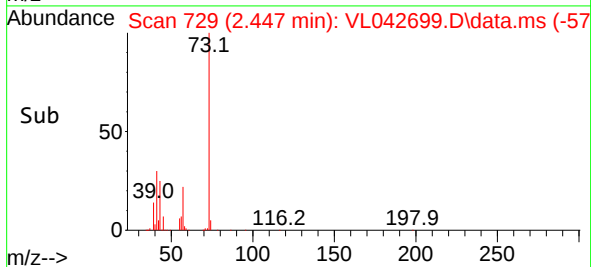
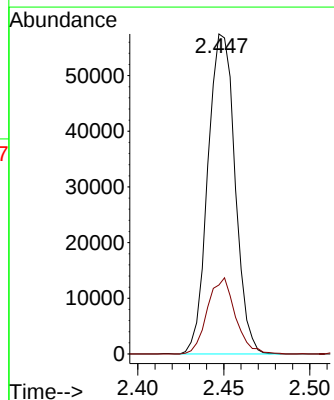
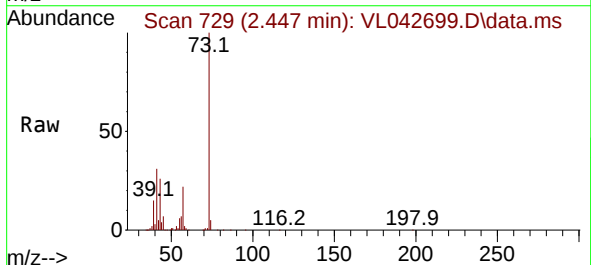
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

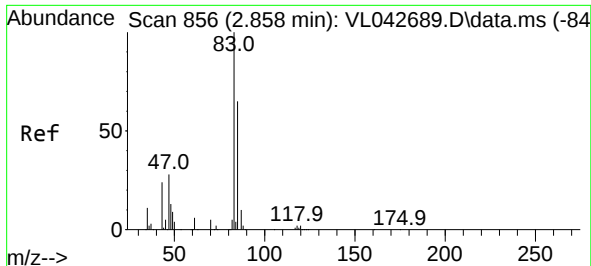
Tgt Ion: 76 Resp: 113800
Ion Ratio Lower Upper
76 100
44 19.2 15.6 23.4
78 11.5 9.2 13.8



#28
Methyl tert-Butyl Ether
Concen: 10.110 ppbv
RT: 2.447 min Scan# 729
Delta R.T. -0.003 min
Lab File: VL042699.D
Acq: 03 Jul 2025 08:36

Tgt Ion: 73 Resp: 63058
Ion Ratio Lower Upper
73 100
57 24.4 19.3 28.9





#29

Chloroform

Concen: 9.168 ppbv

RT: 2.858 min Scan# 81

Delta R.T. -0.000 min

Lab File: VL042699.D

Acq: 03 Jul 2025 08:36

Instrument :

MSVOA_L

ClientSampleId :

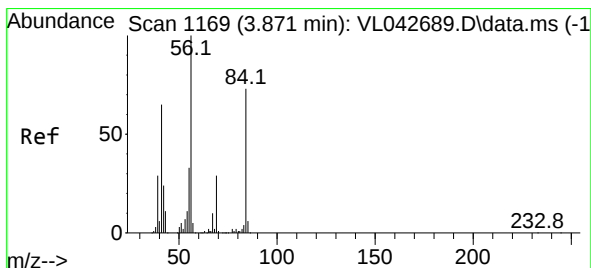
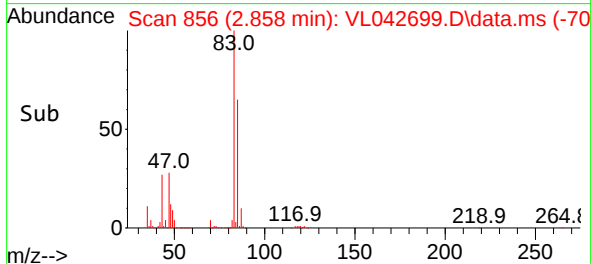
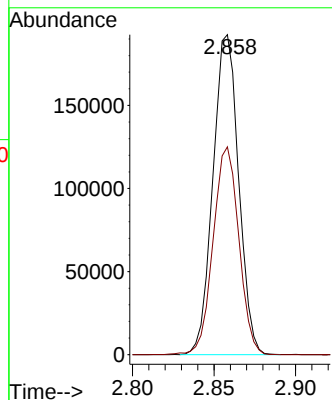
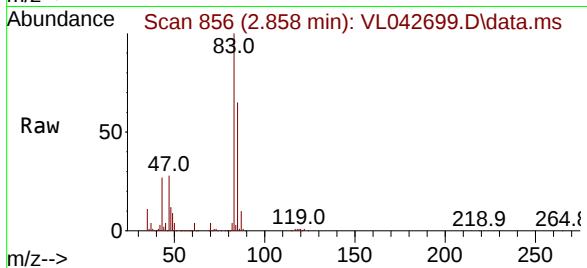
VSTDCCC010

Tgt Ion: 83 Resp: 211103

Ion Ratio Lower Upper

83 100

85 64.9 52.4 78.6



#30

Cyclohexane

Concen: 10.395 ppbv

RT: 3.868 min Scan# 1168

Delta R.T. -0.003 min

Lab File: VL042699.D

Acq: 03 Jul 2025 08:36

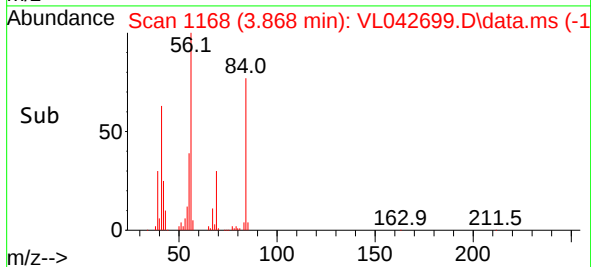
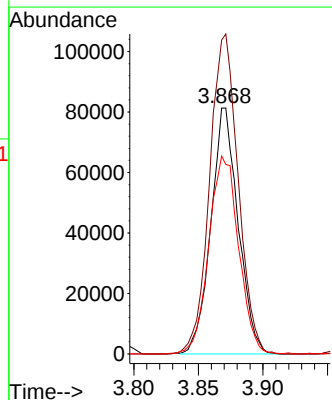
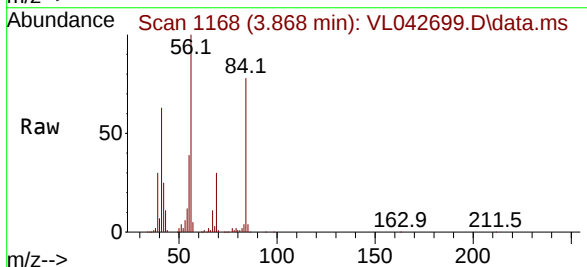
Tgt Ion: 84 Resp: 119480

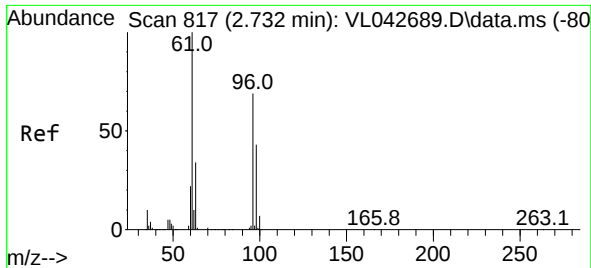
Ion Ratio Lower Upper

84 100

56 136.0 110.4 165.6

41 87.9 71.4 107.0

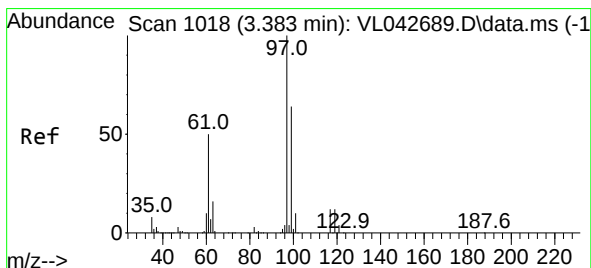
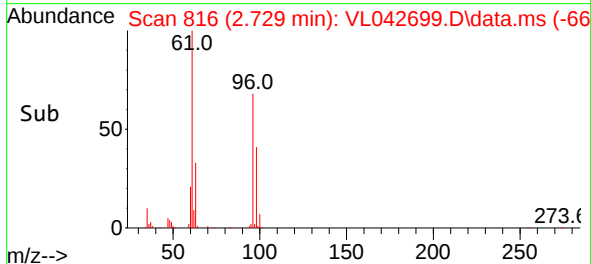
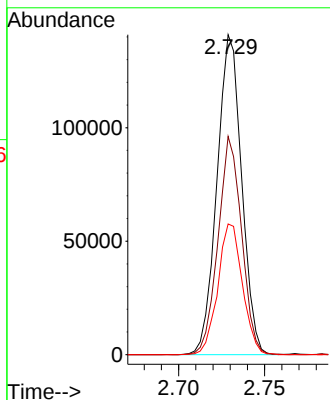
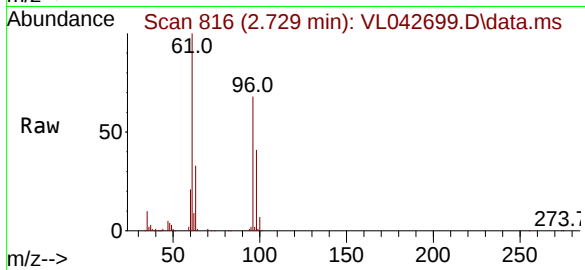




#31
 cis-1,2-Dichloroethene
 Concen: 9.692 ppbv
 RT: 2.729 min Scan# 816
 Delta R.T. -0.003 min
 Lab File: VL042699.D
 Acq: 03 Jul 2025 08:36

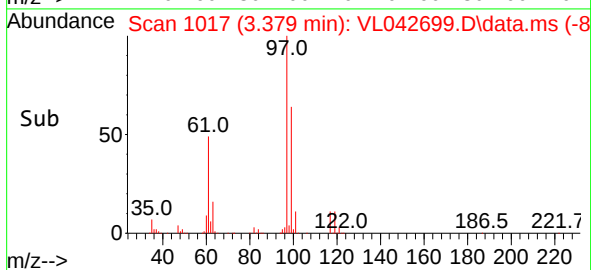
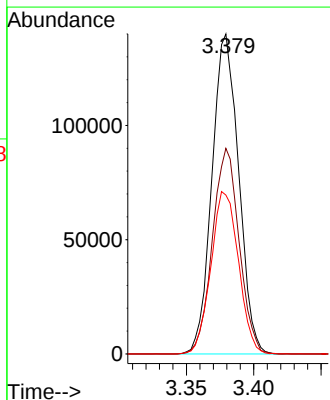
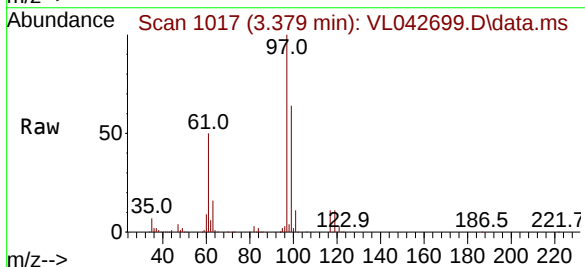
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

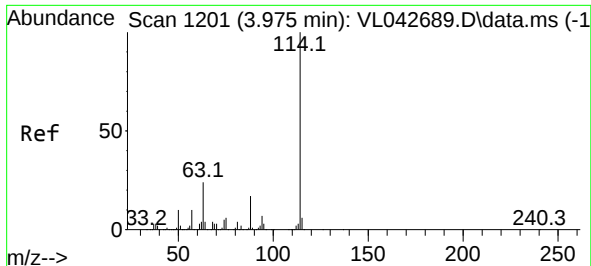
Tgt Ion: 61 Resp: 140617
 Ion Ratio Lower Upper
 61 100
 96 68.2 54.8 82.2
 98 40.9 34.7 52.1



#32
 1,1,1-Trichloroethane
 Concen: 8.733 ppbv
 RT: 3.379 min Scan# 1017
 Delta R.T. -0.003 min
 Lab File: VL042699.D
 Acq: 03 Jul 2025 08:36

Tgt Ion: 97 Resp: 192929
 Ion Ratio Lower Upper
 97 100
 99 64.3 51.4 77.0
 61 52.4 41.1 61.7





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.972 min Scan# 11

Delta R.T. -0.003 min

Lab File: VL042699.D

Acq: 03 Jul 2025 08:36

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

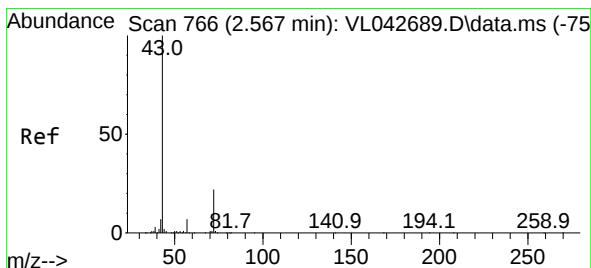
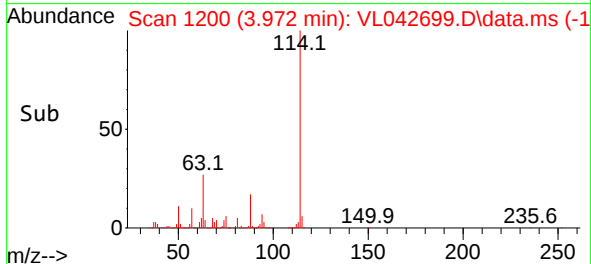
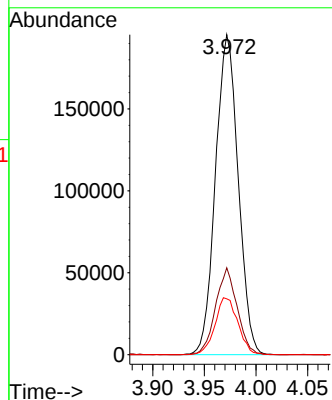
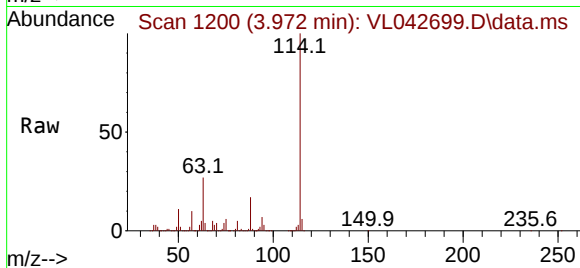
Tgt Ion:114 Resp: 298981

Ion Ratio Lower Upper

114 100

63 25.8 20.4 30.6

88 17.9 14.2 21.2



#34

2-Butanone

Concen: 9.786 ppbv

RT: 2.564 min Scan# 765

Delta R.T. -0.003 min

Lab File: VL042699.D

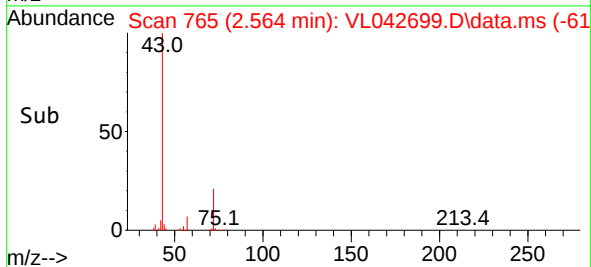
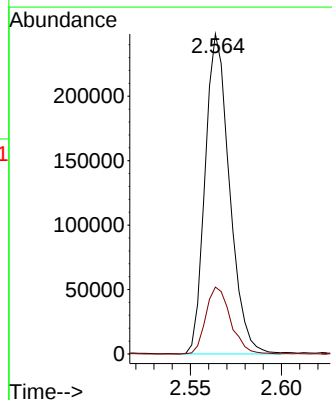
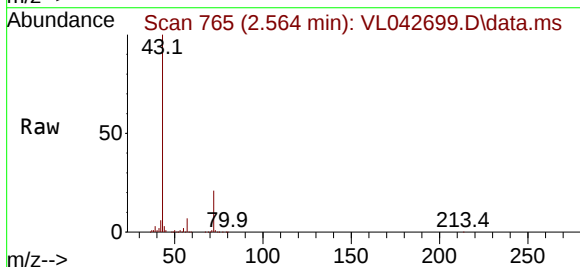
Acq: 03 Jul 2025 08:36

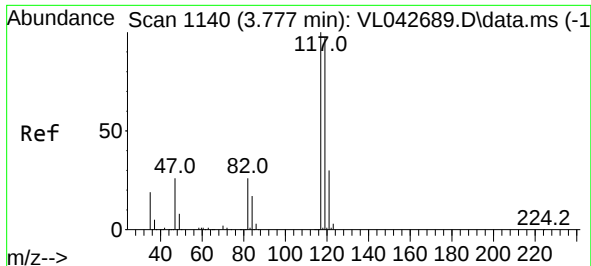
Tgt Ion: 43 Resp: 231566

Ion Ratio Lower Upper

43 100

72 21.2 17.1 25.7

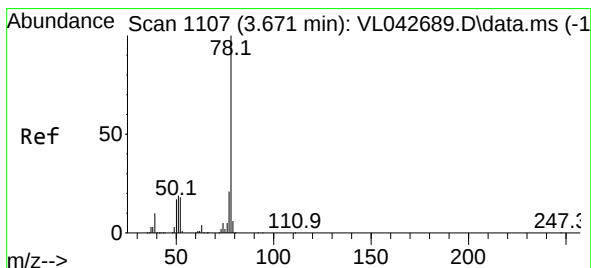
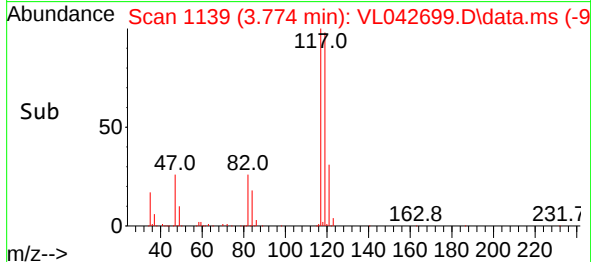
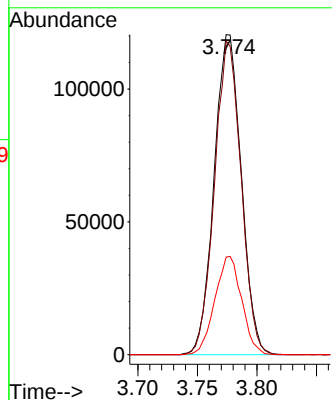
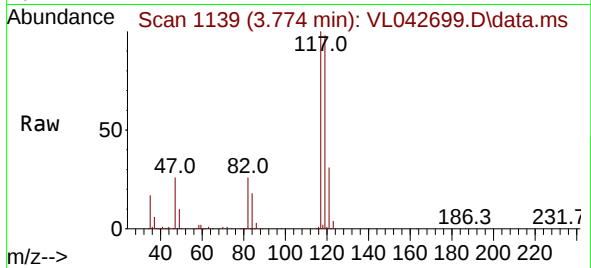




#35
Carbon Tetrachloride
Concen: 9.217 ppbv
RT: 3.774 min Scan# 1139
Delta R.T. -0.003 min
Lab File: VL042699.D
Acq: 03 Jul 2025 08:36

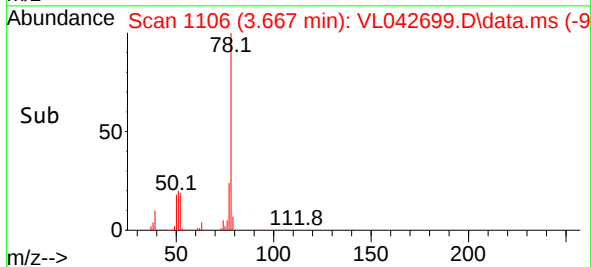
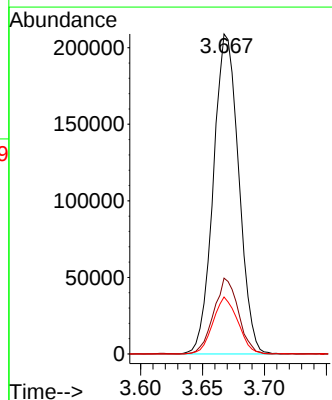
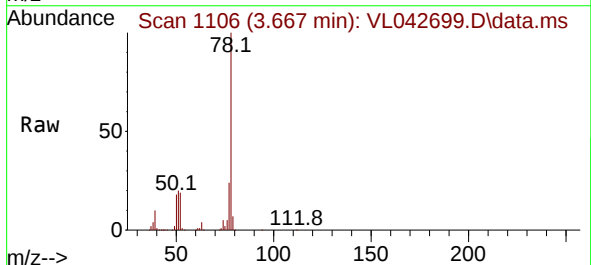
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

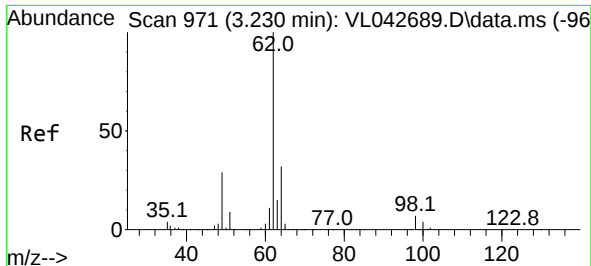
Tgt Ion:117 Resp: 190681
Ion Ratio Lower Upper
117 100
119 98.0 77.6 116.4
121 30.5 24.0 36.0



#36
Benzene
Concen: 9.901 ppbv
RT: 3.667 min Scan# 1106
Delta R.T. -0.003 min
Lab File: VL042699.D
Acq: 03 Jul 2025 08:36

Tgt Ion: 78 Resp: 298352
Ion Ratio Lower Upper
78 100
77 23.7 17.0 25.4
50 17.8 13.7 20.5





#37

1,2-Dichloroethane

Concen: 9.519 ppbv

RT: 3.227 min Scan# 91

Delta R.T. -0.003 min

Lab File: VL042699.D

Acq: 03 Jul 2025 08:36

Instrument :

MSVOA_L

ClientSampleId :

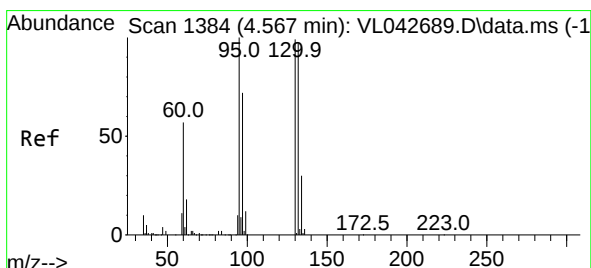
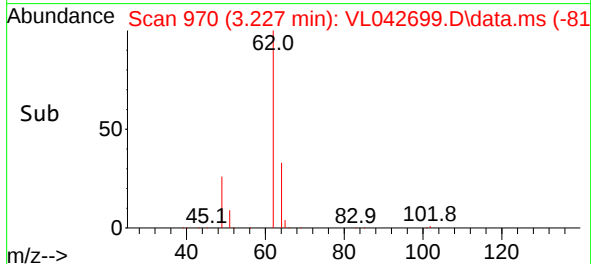
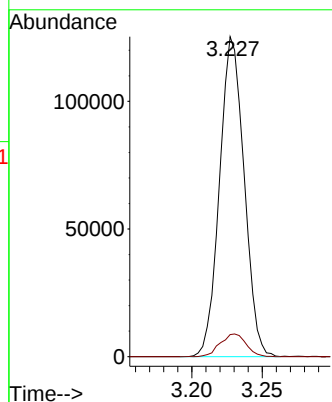
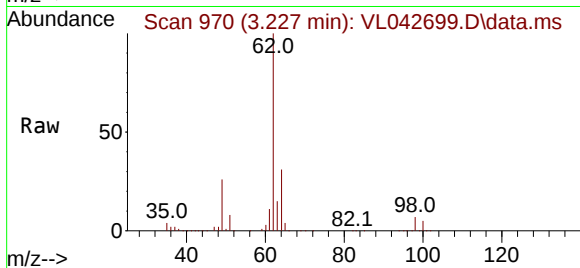
VSTDCCC010

Tgt Ion: 62 Resp: 152332

Ion Ratio Lower Upper

62 100

98 7.5 5.8 8.8



#38

Trichloroethene

Concen: 8.902 ppbv

RT: 4.567 min Scan# 1384

Delta R.T. -0.000 min

Lab File: VL042699.D

Acq: 03 Jul 2025 08:36

Tgt Ion:130 Resp: 115883

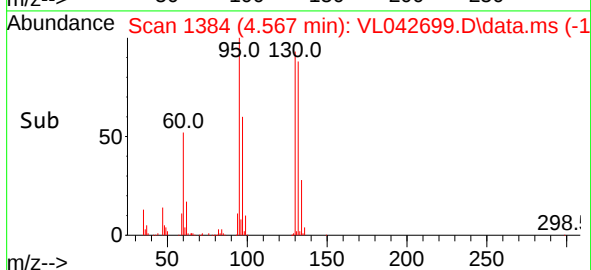
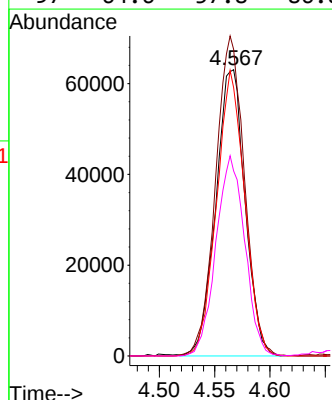
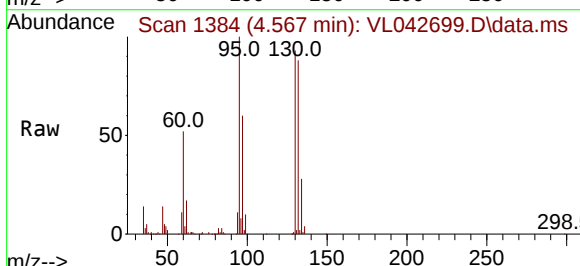
Ion Ratio Lower Upper

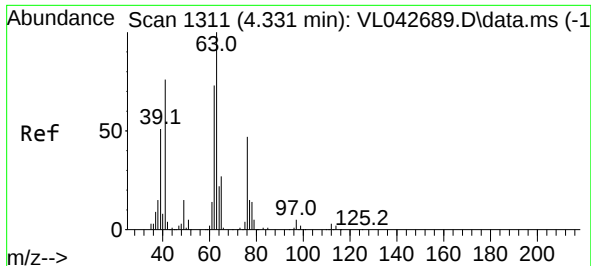
130 100

95 106.9 81.1 121.7

132 93.5 77.9 116.9

97 64.6 57.8 86.8





#39

1,2-Dichloropropane

Concen: 9.692 ppbv

RT: 4.328 min Scan# 11

Delta R.T. -0.003 min

Lab File: VL042699.D

Acq: 03 Jul 2025 08:36

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

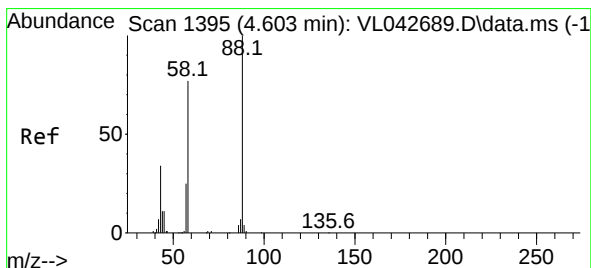
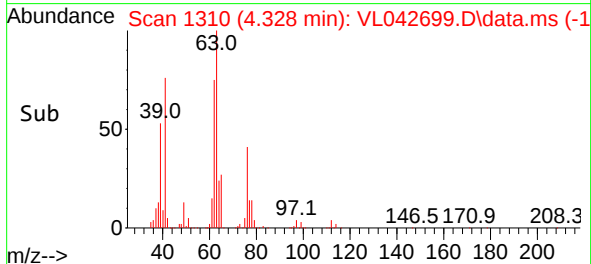
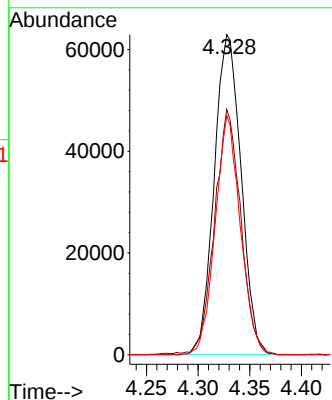
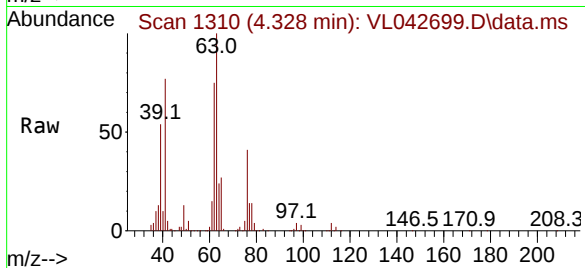
Tgt Ion: 63 Resp: 113900

Ion Ratio Lower Upper

63 100

41 76.5 60.8 91.2

62 74.7 58.6 87.8



#40

1,4-Dioxane

Concen: 10.213 ppbv

RT: 4.596 min Scan# 1393

Delta R.T. -0.007 min

Lab File: VL042699.D

Acq: 03 Jul 2025 08:36

Tgt Ion: 88 Resp: 46509

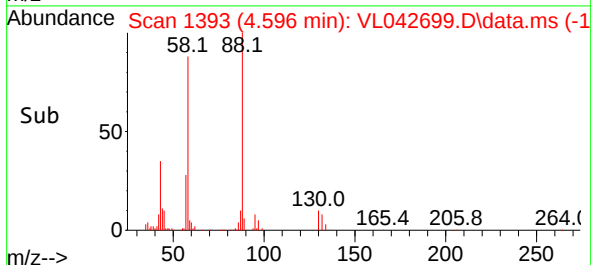
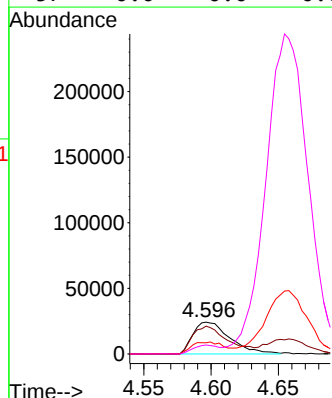
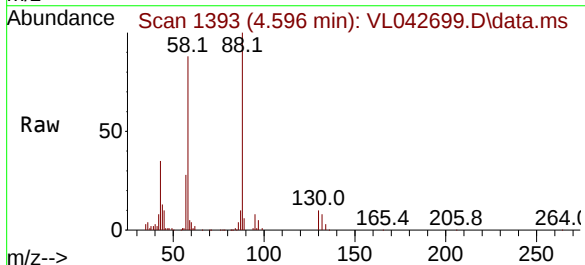
Ion Ratio Lower Upper

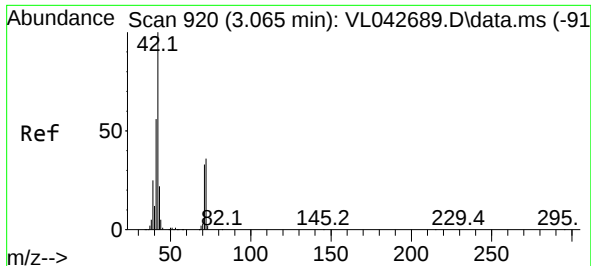
88 100

58 83.0 62.1 93.1

43 31.7 26.2 39.2

57 0.0 0.0 0.0





#41

Tetrahydrofuran

Concen: 10.796 ppbv

RT: 3.062 min Scan# 91

Delta R.T. -0.003 min

Lab File: VL042699.D

Acq: 03 Jul 2025 08:36

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

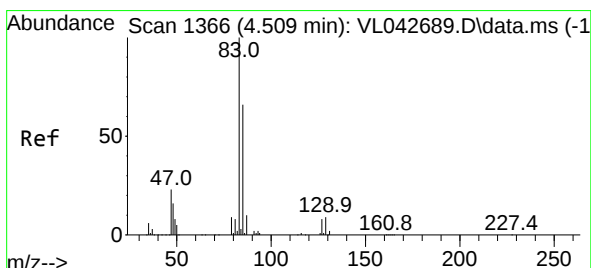
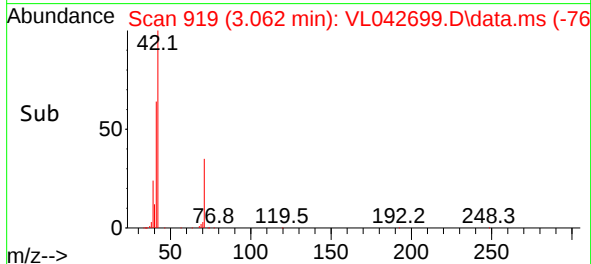
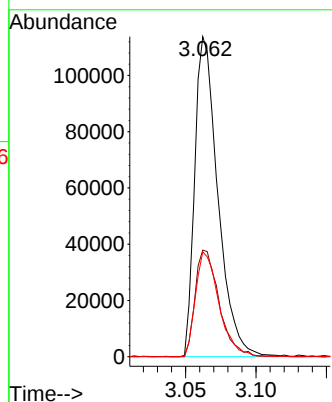
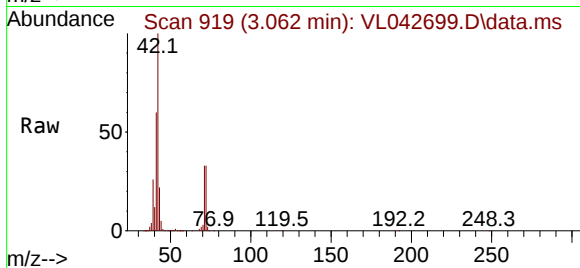
Tgt Ion: 42 Resp: 130187

Ion Ratio Lower Upper

42 100

72 34.5 28.2 42.4

71 33.1 25.4 38.0



#42

Bromodichloromethane

Concen: 9.786 ppbv

RT: 4.506 min Scan# 1365

Delta R.T. -0.003 min

Lab File: VL042699.D

Acq: 03 Jul 2025 08:36

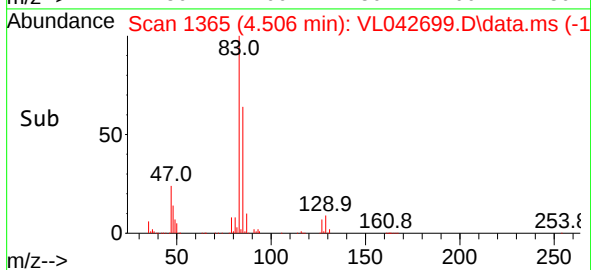
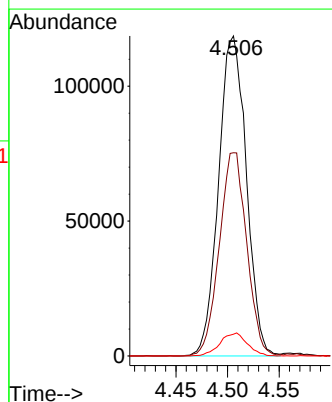
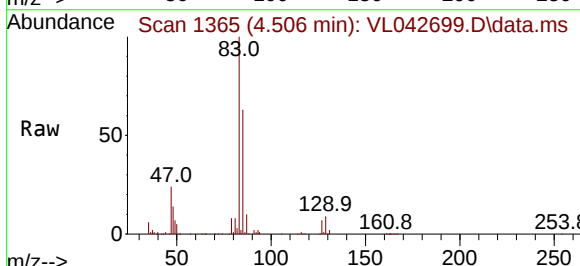
Tgt Ion: 83 Resp: 221829

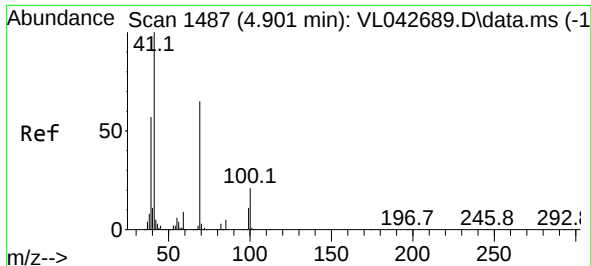
Ion Ratio Lower Upper

83 100

85 63.5 52.5 78.7

127 6.8 6.1 9.1





#43

Methyl Methacrylate

Concen: 10.962 ppbv

RT: 4.894 min Scan# 1485

Delta R.T. -0.007 min

Lab File: VL042699.D

Acq: 03 Jul 2025 08:36

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

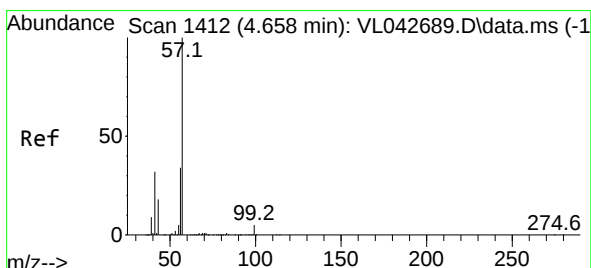
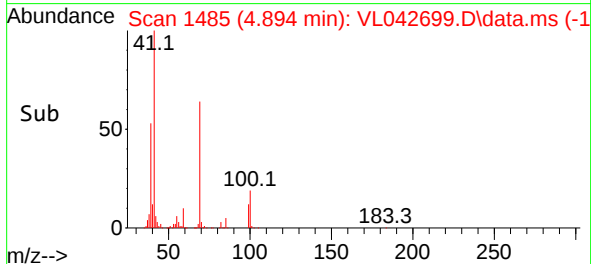
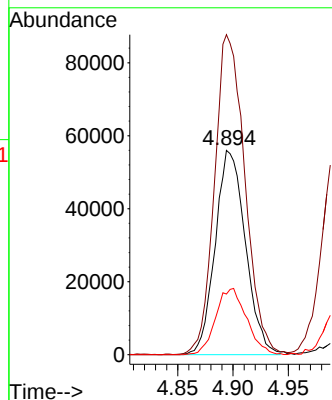
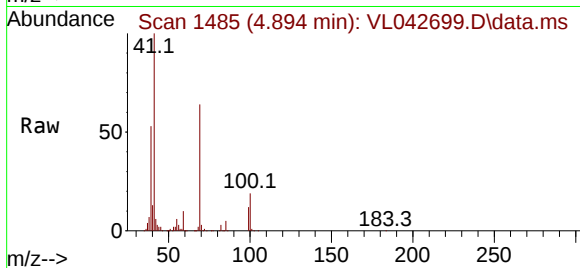
Tgt Ion: 69 Resp: 106229

Ion Ratio Lower Upper

69 100

41 157.8 125.4 188.2

100 33.2 26.4 39.6



#44

2,2,4-Trimethylpentane

Concen: 10.482 ppbv

RT: 4.655 min Scan# 1411

Delta R.T. -0.003 min

Lab File: VL042699.D

Acq: 03 Jul 2025 08:36

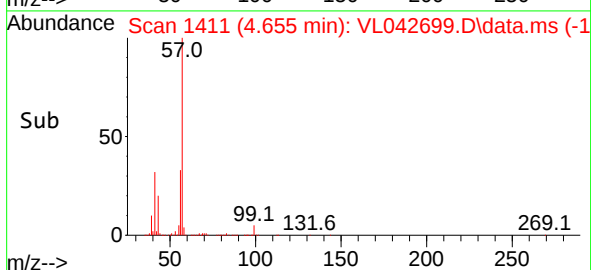
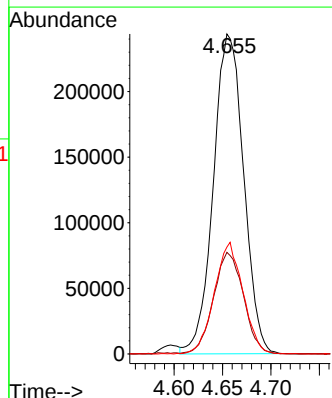
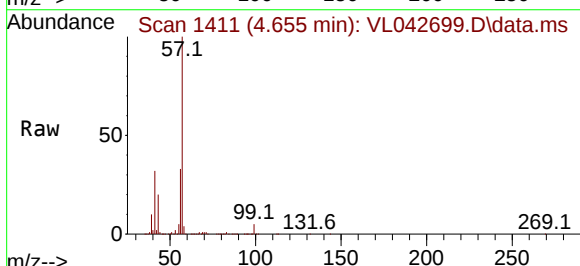
Tgt Ion: 57 Resp: 530602

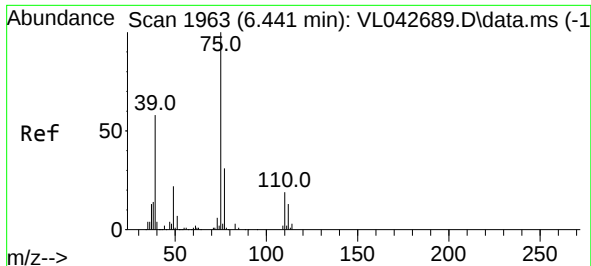
Ion Ratio Lower Upper

57 100

41 31.8 25.2 37.8

56 32.9 26.3 39.5





#45

t-1,3-Dichloropropene

Concen: 10.543 ppbv

RT: 6.431 min Scan# 1963

Delta R.T. -0.010 min

Lab File: VL042699.D

Acq: 03 Jul 2025 08:36

Instrument :

MSVOA_L

ClientSampleId :

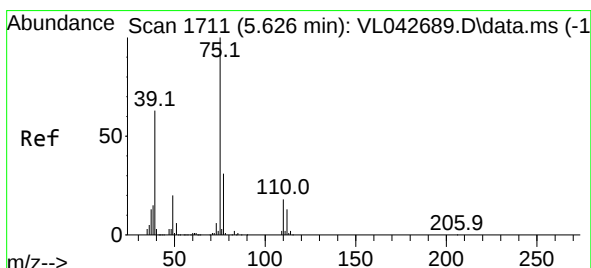
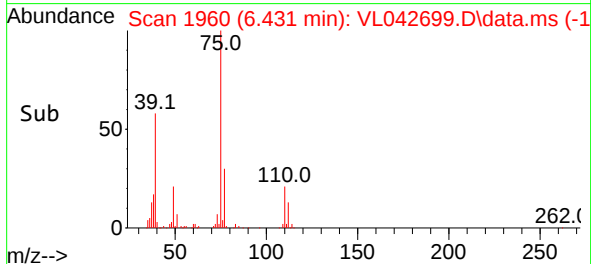
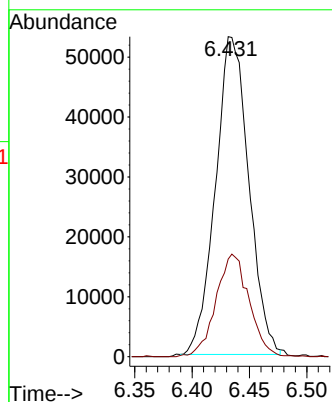
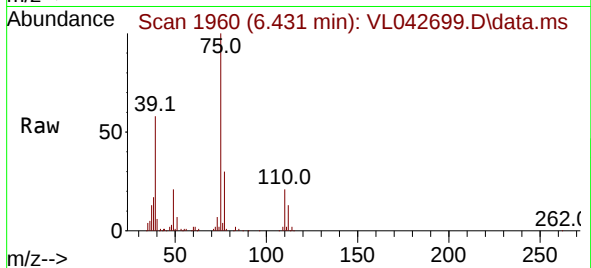
VSTDCCC010

Tgt Ion: 75 Resp: 107246

Ion Ratio Lower Upper

75 100

77 30.5 25.0 37.4



#46

cis-1,3-Dichloropropene

Concen: 10.506 ppbv

RT: 5.619 min Scan# 1709

Delta R.T. -0.007 min

Lab File: VL042699.D

Acq: 03 Jul 2025 08:36

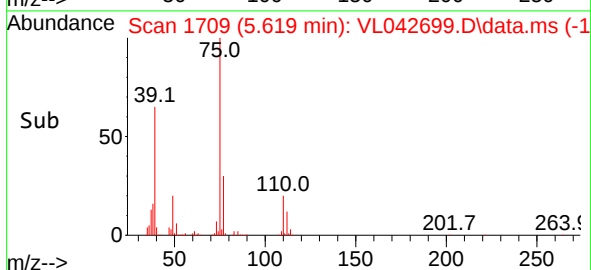
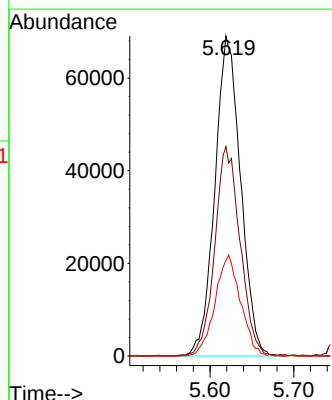
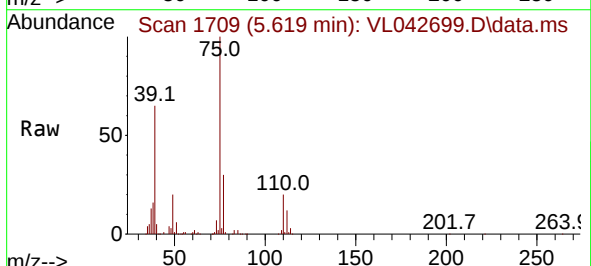
Tgt Ion: 75 Resp: 147452

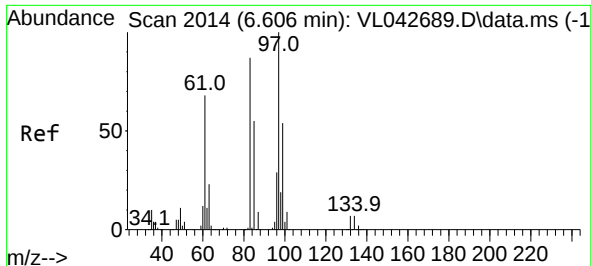
Ion Ratio Lower Upper

75 100

39 65.1 50.6 75.8

77 29.8 24.8 37.2

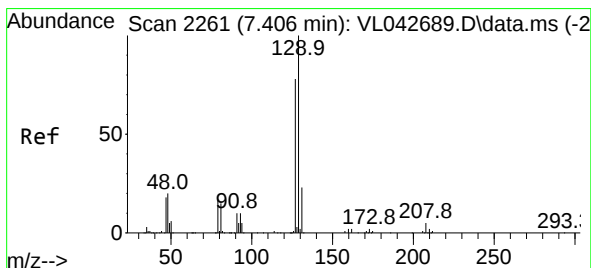
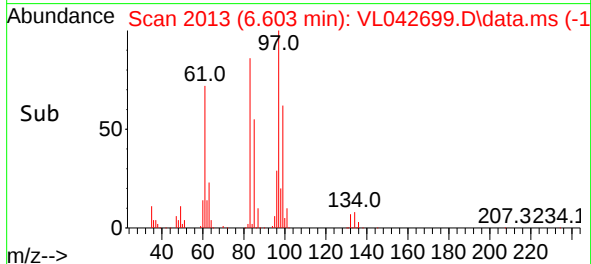
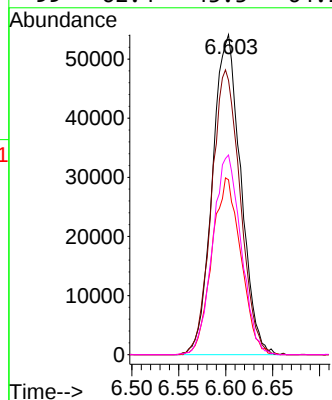
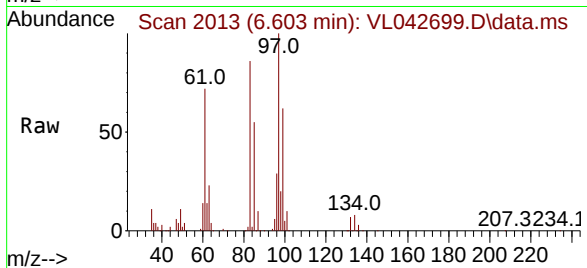




#47
1,1,2-Trichloroethane
Concen: 9.811 ppbv
RT: 6.603 min Scan# 2014
Delta R.T. -0.003 min
Lab File: VL042699.D
Acq: 03 Jul 2025 08:36

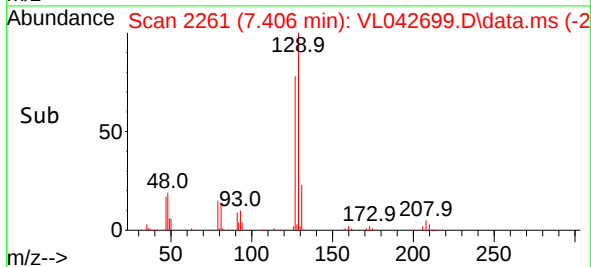
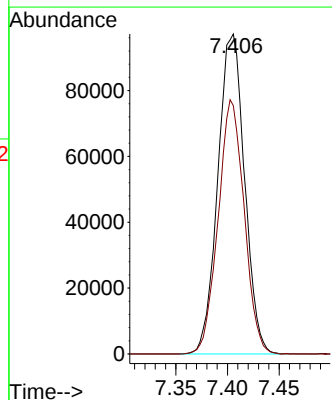
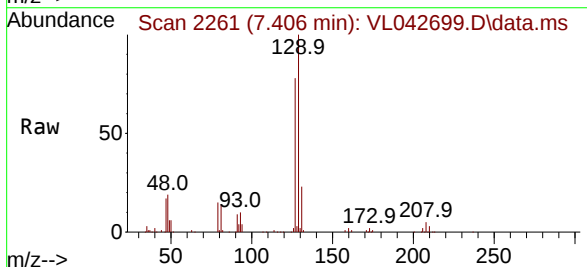
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

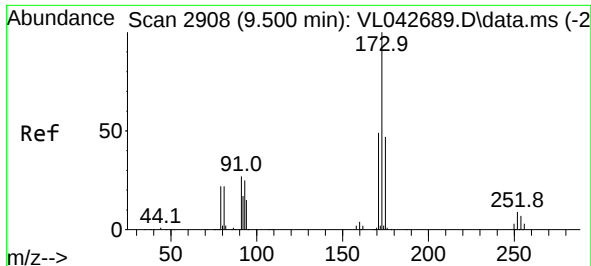
Tgt Ion: 97 Resp: 113558
Ion Ratio Lower Upper
97 100
83 85.8 69.3 103.9
85 54.7 43.7 65.5
99 62.4 43.3 64.9



#48
Dibromochloromethane
Concen: 9.875 ppbv
RT: 7.406 min Scan# 2261
Delta R.T. -0.000 min
Lab File: VL042699.D
Acq: 03 Jul 2025 08:36

Tgt Ion: 129 Resp: 175019
Ion Ratio Lower Upper
129 100
127 77.4 38.3 114.8

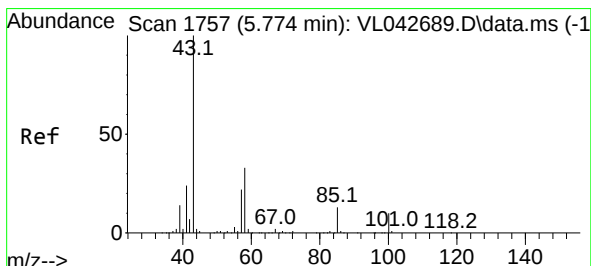
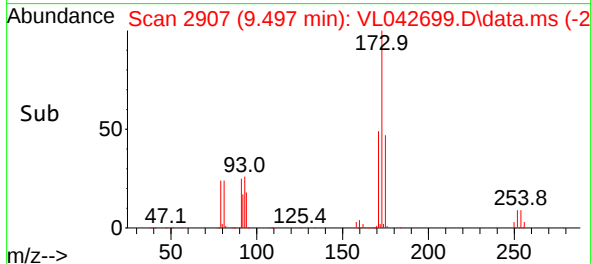
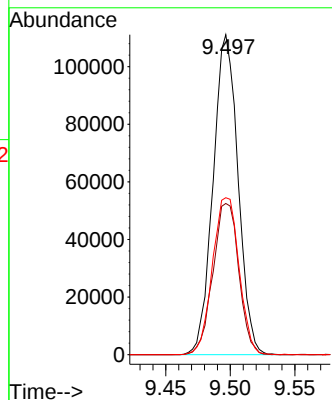
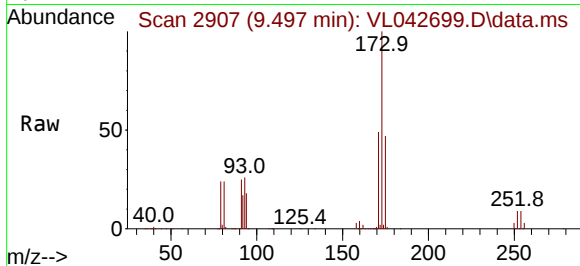




#49
Bromoform
Concen: 9.743 ppbv
RT: 9.497 min Scan# 2908
Delta R.T. -0.003 min
Lab File: VL042699.D
Acq: 03 Jul 2025 08:36

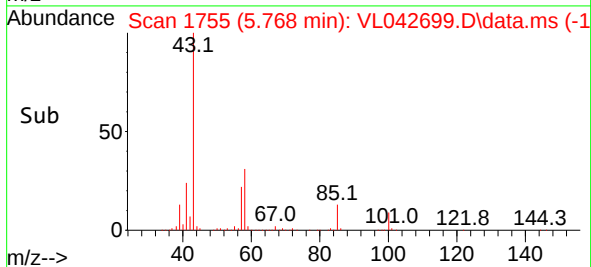
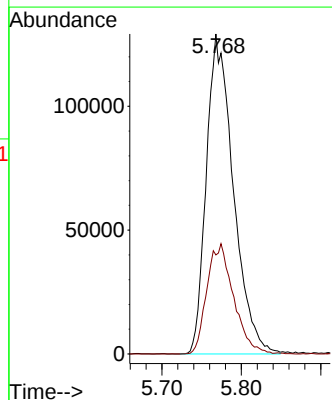
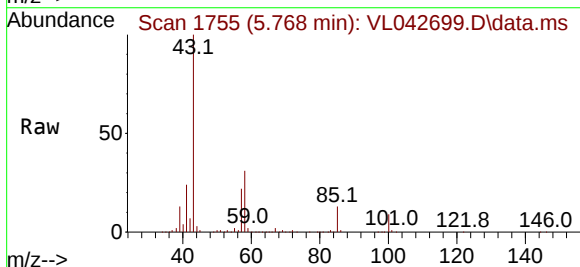
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

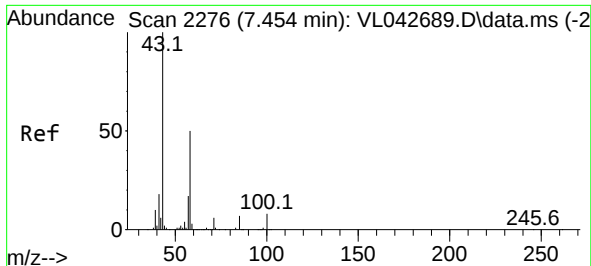
Tgt Ion:173 Resp: 149140
Ion Ratio Lower Upper
173 100
175 49.0 38.6 57.8
171 52.3 40.3 60.5



#50
4-Methyl-2-Pentanone
Concen: 11.006 ppbv
RT: 5.768 min Scan# 1755
Delta R.T. -0.007 min
Lab File: VL042699.D
Acq: 03 Jul 2025 08:36

Tgt Ion: 43 Resp: 304956
Ion Ratio Lower Upper
43 100
58 34.1 27.5 41.3

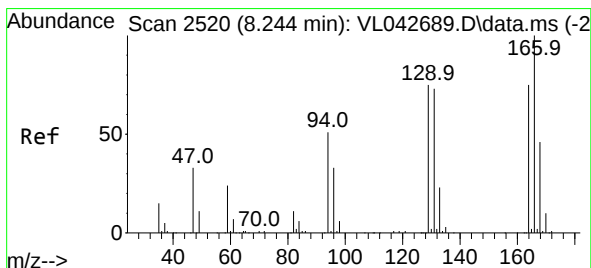
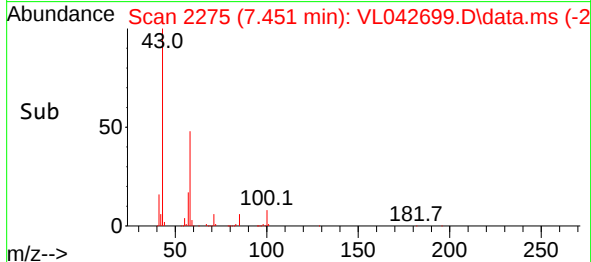
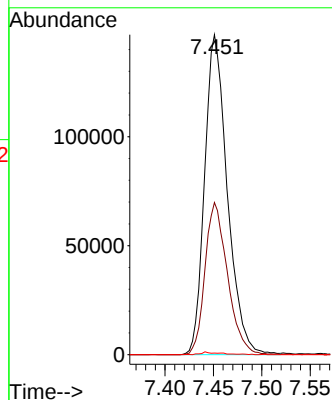
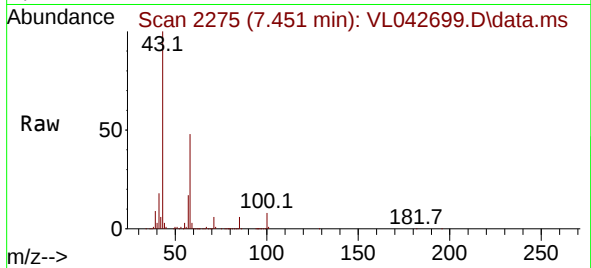




#51
2-Hexanone
Concen: 11.908 ppbv
RT: 7.451 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL042699.D
Acq: 03 Jul 2025 08:36

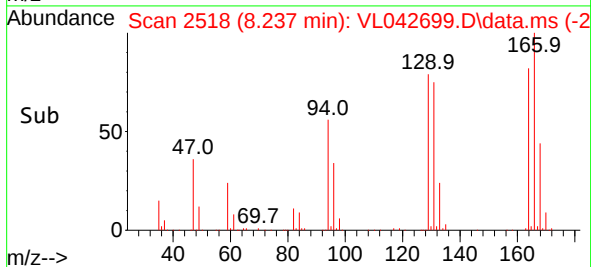
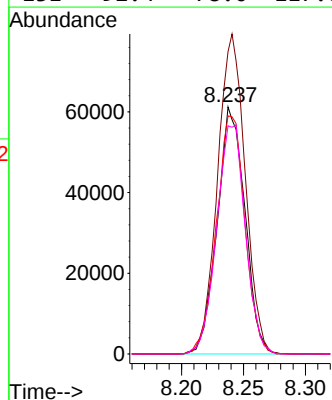
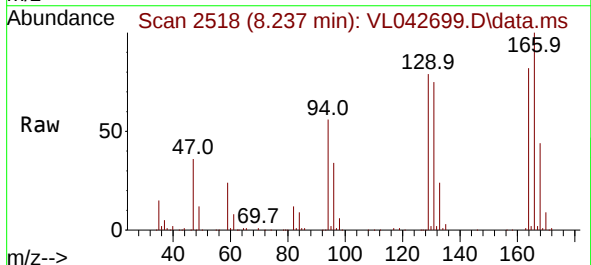
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

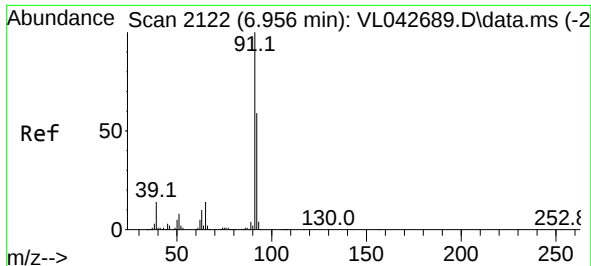
Tgt Ion: 43 Resp: 240078
Ion Ratio Lower Upper
43 100
58 47.1 38.6 57.8
98 0.8 0.6 1.0



#52
Tetrachloroethene
Concen: 9.451 ppbv
RT: 8.237 min Scan# 2518
Delta R.T. -0.007 min
Lab File: VL042699.D
Acq: 03 Jul 2025 08:36

Tgt Ion:164 Resp: 95193
Ion Ratio Lower Upper
164 100
166 122.4 106.6 160.0
129 96.4 79.8 119.6
131 92.4 78.0 117.0

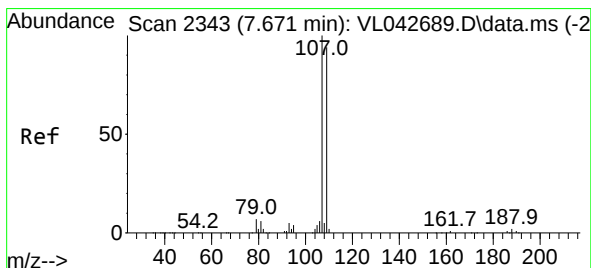
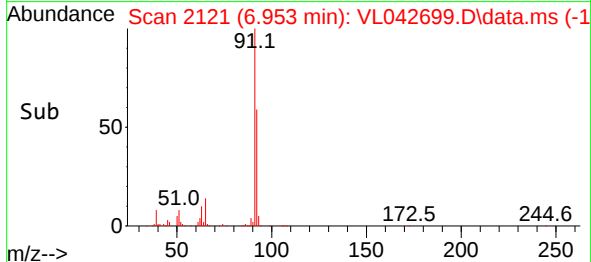
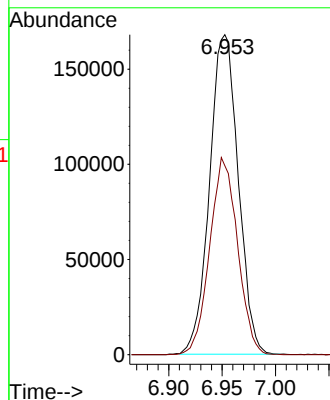
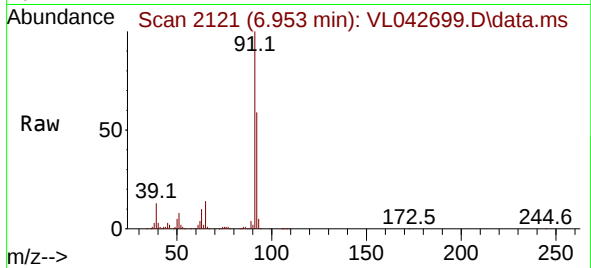




#53
Toluene
Concen: 11.157 ppbv
RT: 6.953 min Scan# 2121
Delta R.T. -0.003 min
Lab File: VL042699.D
Acq: 03 Jul 2025 08:36

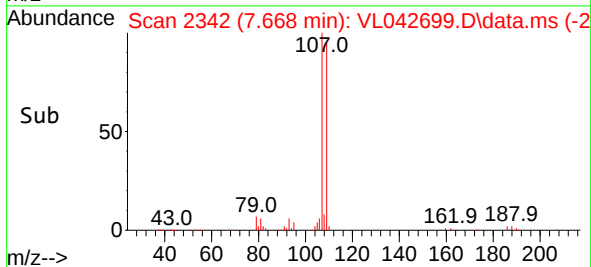
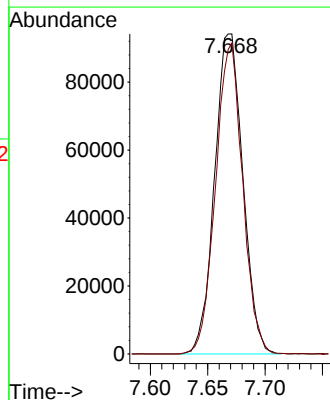
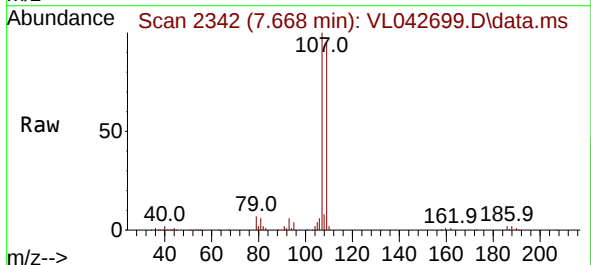
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

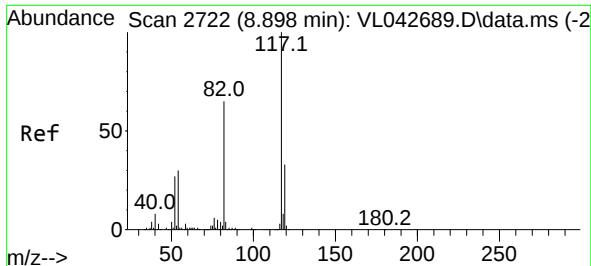
Tgt Ion: 91 Resp: 313922
Ion Ratio Lower Upper
91 100
92 59.8 47.4 71.2



#54
1,2-Dibromoethane
Concen: 9.994 ppbv
RT: 7.668 min Scan# 2342
Delta R.T. -0.003 min
Lab File: VL042699.D
Acq: 03 Jul 2025 08:36

Tgt Ion: 107 Resp: 161254
Ion Ratio Lower Upper
107 100
109 95.1 74.8 112.2

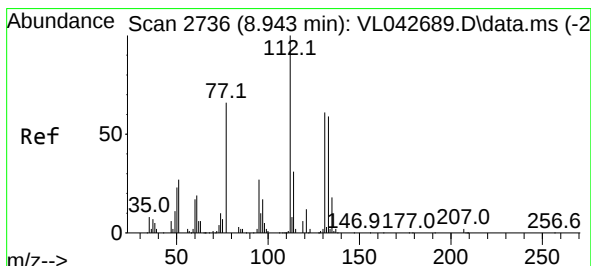
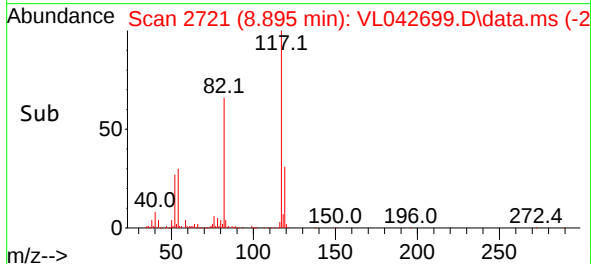
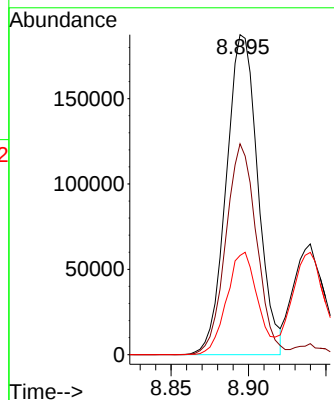
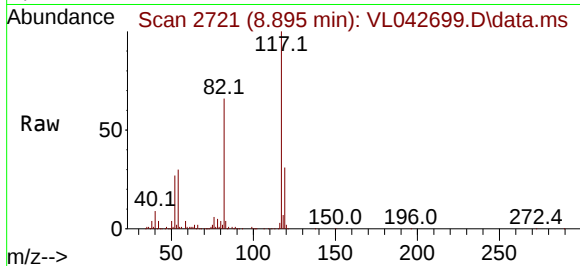




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.895 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL042699.D
Acq: 03 Jul 2025 08:36

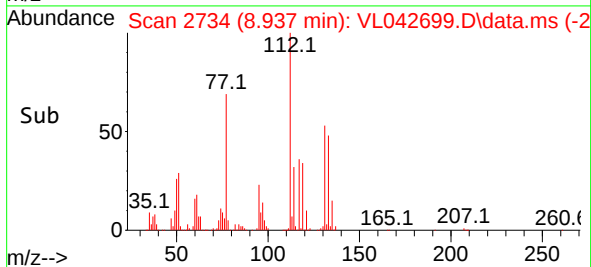
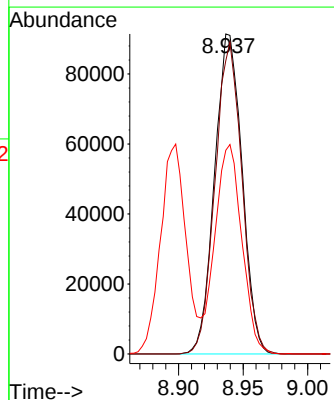
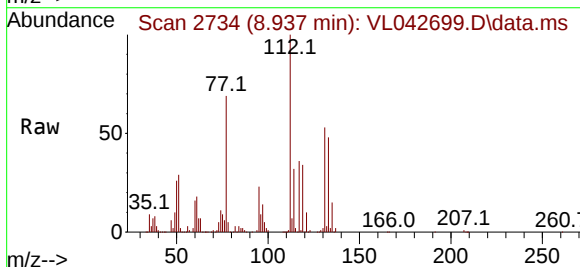
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

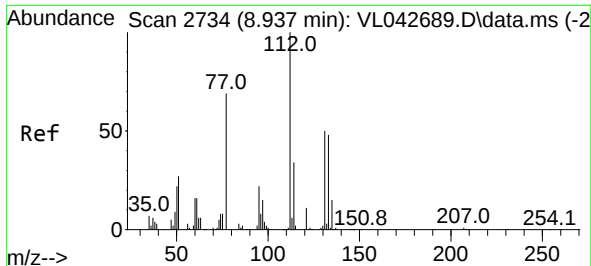
Tgt Ion:117 Resp: 266456
Ion Ratio Lower Upper
117 100
82 66.9 53.4 80.2
119 30.7 26.6 39.8



#56
1,1,1,2-Tetrachloroethane
Concen: 9.400 ppbv
RT: 8.937 min Scan# 2734
Delta R.T. -0.007 min
Lab File: VL042699.D
Acq: 03 Jul 2025 08:36

Tgt Ion:131 Resp: 135428
Ion Ratio Lower Upper
131 100
133 95.3 77.3 115.9
119 63.8 52.6 78.8

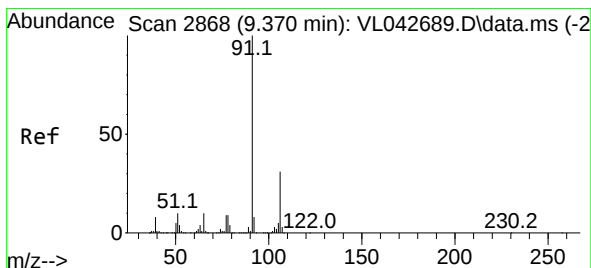
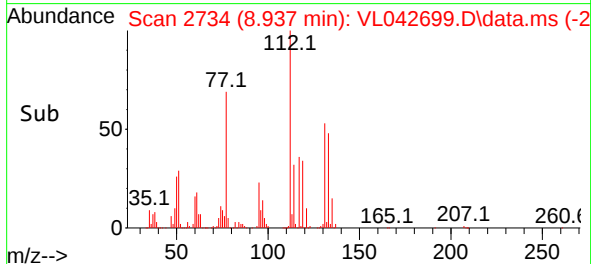
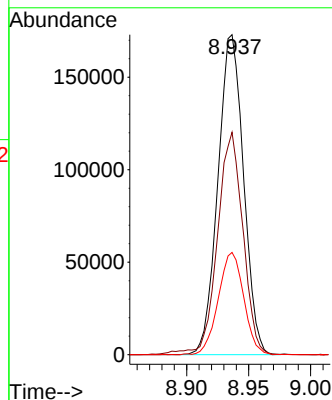
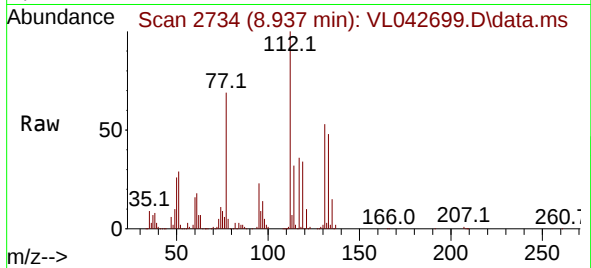




#57
Chlorobenzene
Concen: 9.330 ppbv
RT: 8.937 min Scan# 21
Delta R.T. -0.000 min
Lab File: VL042699.D
Acq: 03 Jul 2025 08:36

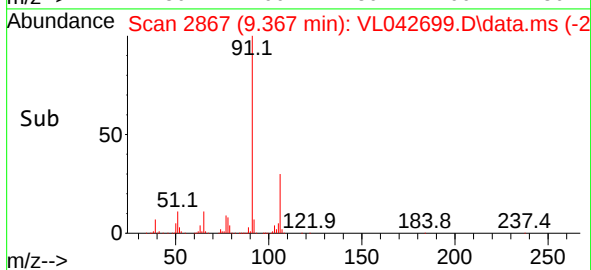
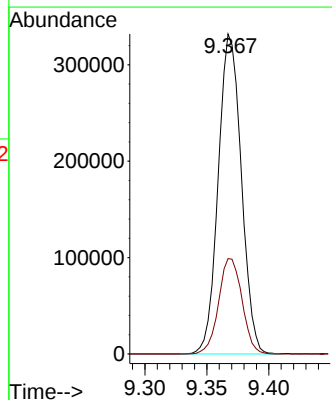
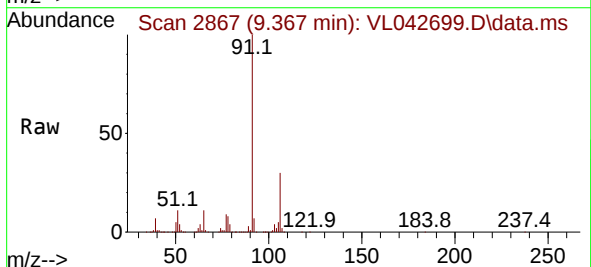
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

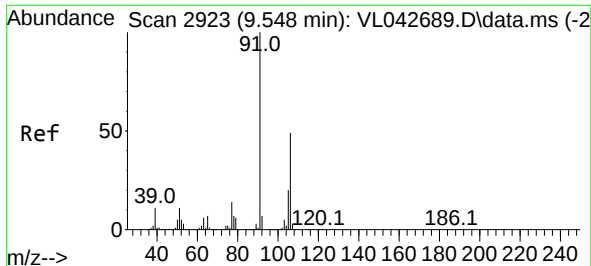
Tgt Ion:112 Resp: 249410
Ion Ratio Lower Upper
112 100
77 69.5 56.2 84.4
114 32.0 30.2 37.0



#58
Ethyl Benzene
Concen: 11.180 ppbv
RT: 9.367 min Scan# 2867
Delta R.T. -0.003 min
Lab File: VL042699.D
Acq: 03 Jul 2025 08:36

Tgt Ion: 91 Resp: 430818
Ion Ratio Lower Upper
91 100
106 29.8 24.9 37.3





#59

m/p-Xylene

Concen: 11.429 ppbv

RT: 9.545 min Scan# 29

Delta R.T. -0.003 min

Lab File: VL042699.D

Acq: 03 Jul 2025 08:36

Instrument :

MSVOA_L

ClientSampleId :

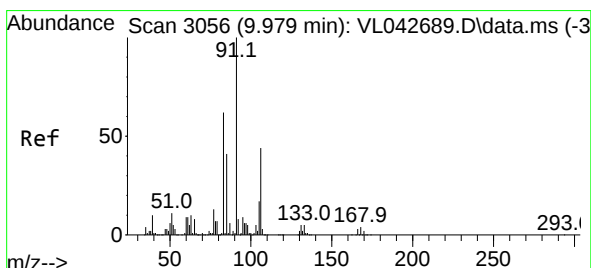
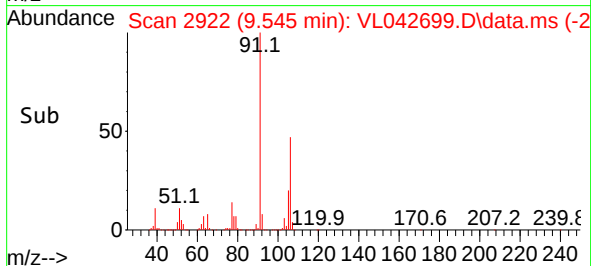
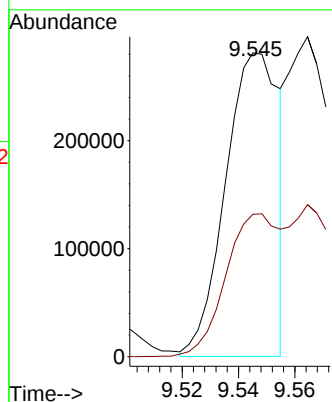
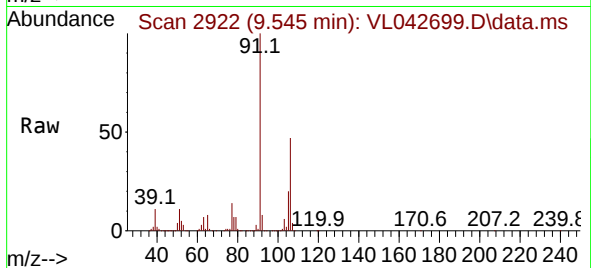
VSTDCCC010

Tgt Ion: 91 Resp: 368872

Ion Ratio Lower Upper

91 100

106 0.0 37.6 56.4#



#60

o-Xylene

Concen: 11.052 ppbv

RT: 9.976 min Scan# 3055

Delta R.T. -0.003 min

Lab File: VL042699.D

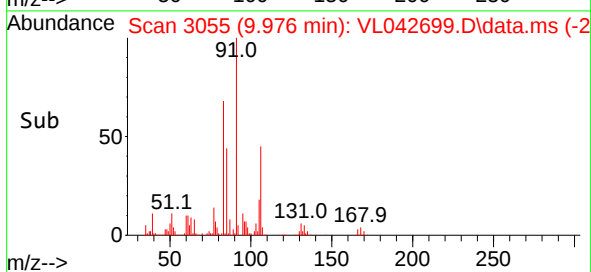
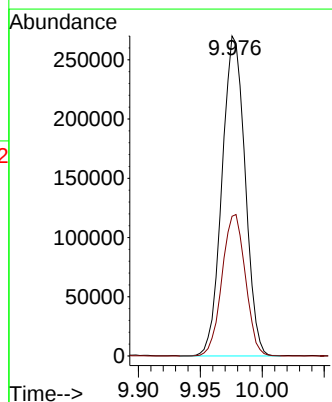
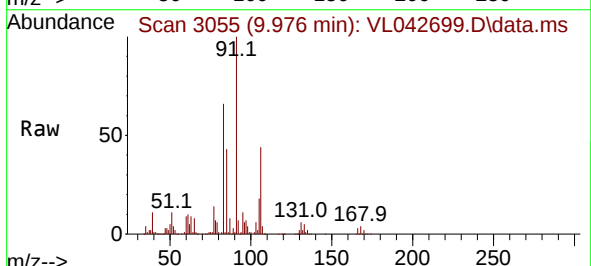
Acq: 03 Jul 2025 08:36

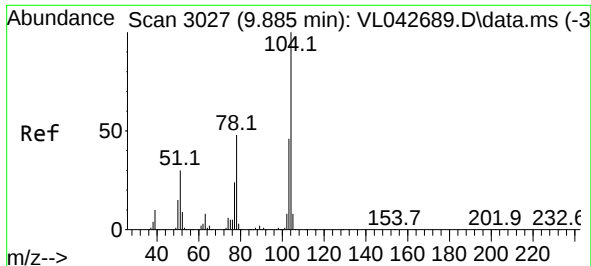
Tgt Ion: 91 Resp: 350917

Ion Ratio Lower Upper

91 100

106 44.7 22.8 68.4

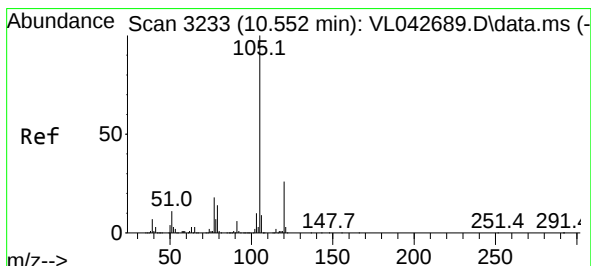
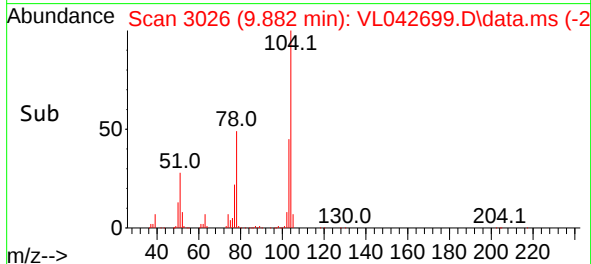
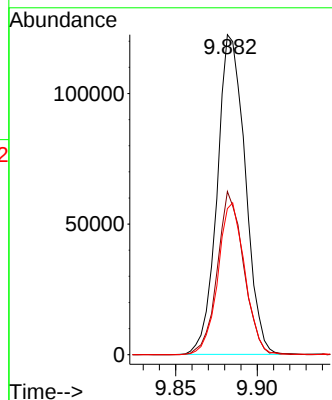
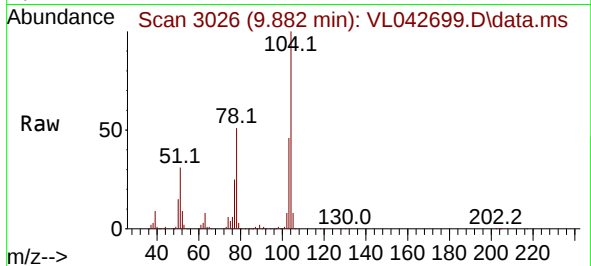




#61
Styrene
Concen: 11.697 ppbv
RT: 9.882 min Scan# 3027
Delta R.T. -0.003 min
Lab File: VL042699.D
Acq: 03 Jul 2025 08:36

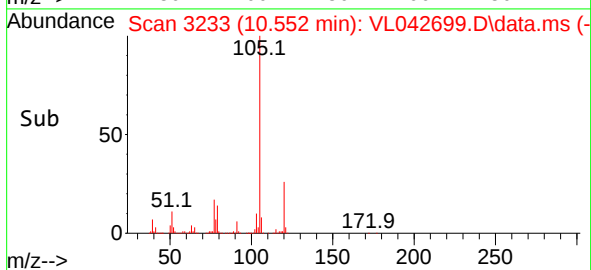
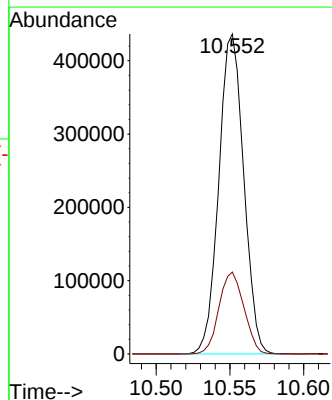
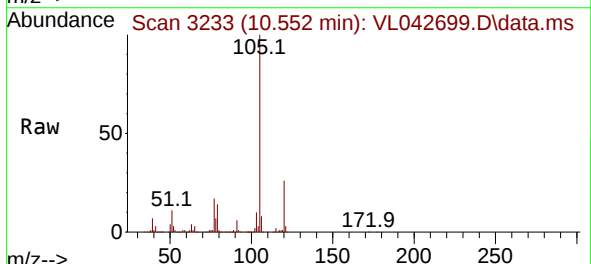
Instrument :
MSVOA_1
ClientSampleId :
VSTDCCC010

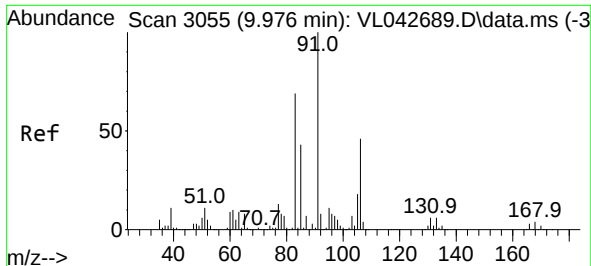
Tgt Ion:104 Resp: 145889
Ion Ratio Lower Upper
104 100
78 48.1 39.0 58.6
103 45.9 37.4 56.0



#62
Isopropylbenzene
Concen: 10.692 ppbv
RT: 10.552 min Scan# 3233
Delta R.T. -0.000 min
Lab File: VL042699.D
Acq: 03 Jul 2025 08:36

Tgt Ion:105 Resp: 512377
Ion Ratio Lower Upper
105 100
120 25.6 20.6 31.0





#63

1,1,2,2-Tetrachloroethane

Concen: 9.461 ppbv

RT: 9.976 min Scan# 3055

Delta R.T. -0.000 min

Lab File: VL042699.D

Acq: 03 Jul 2025 08:36

Instrument :

MSVOA_1

ClientSampleId :

VSTDCCC010

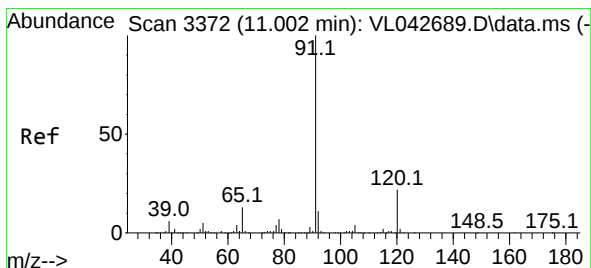
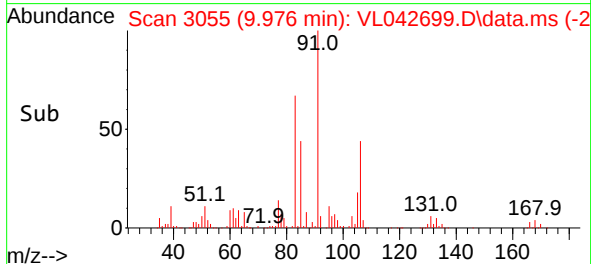
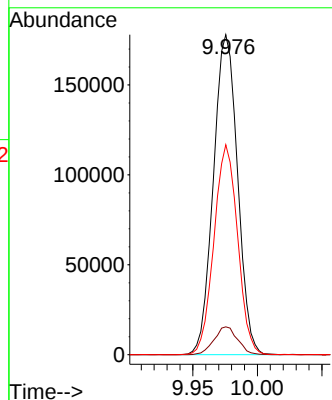
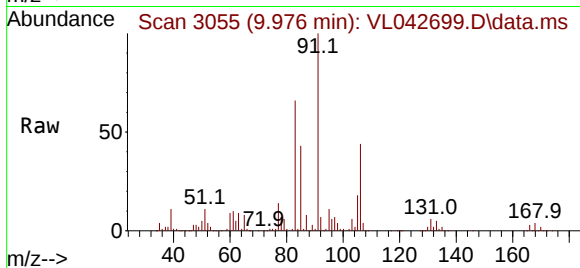
Tgt Ion: 83 Resp: 231326

Ion Ratio Lower Upper

83 100

131 8.5 4.5 13.4

85 64.2 31.5 94.5



#64

n-propylbenzene

Concen: 10.934 ppbv

RT: 10.998 min Scan# 3371

Delta R.T. -0.003 min

Lab File: VL042699.D

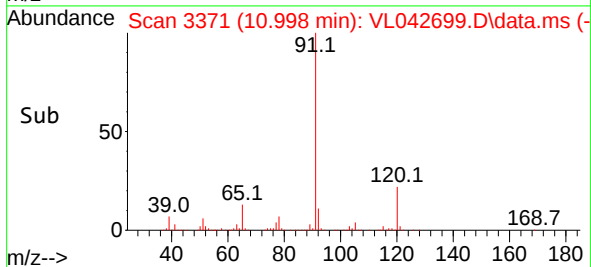
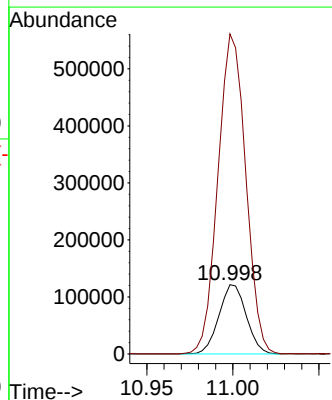
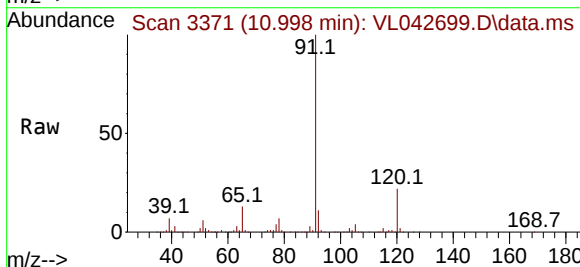
Acq: 03 Jul 2025 08:36

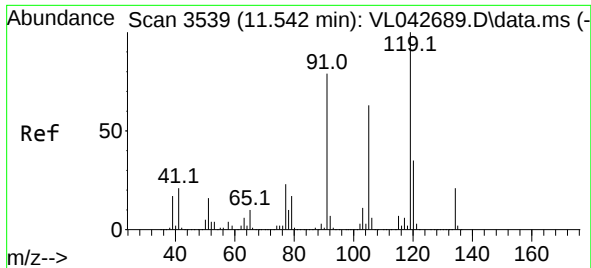
Tgt Ion:120 Resp: 134154

Ion Ratio Lower Upper

120 100

91 469.9 377.8 566.8

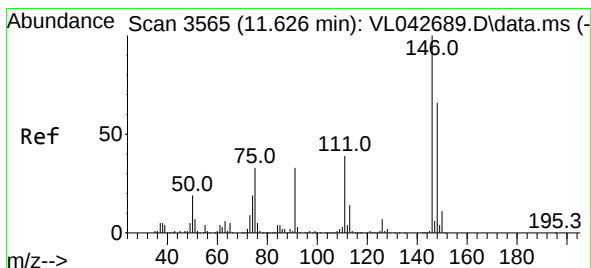
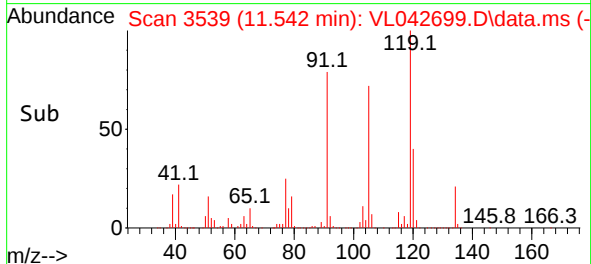
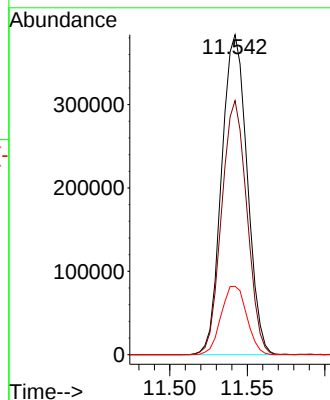
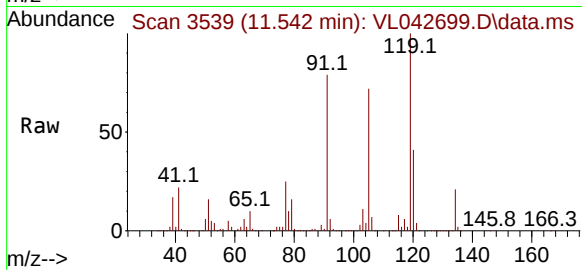




#65
tert-Butylbenzene
Concen: 10.725 ppbv
RT: 11.542 min Scan# 3539
Delta R.T. -0.000 min
Lab File: VL042699.D
Acq: 03 Jul 2025 08:36

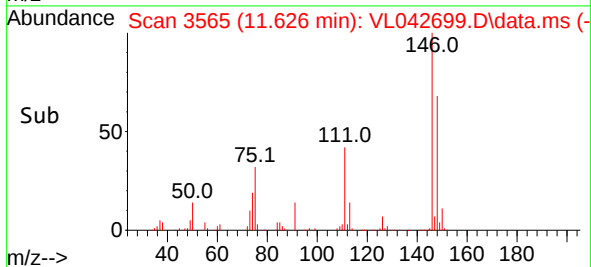
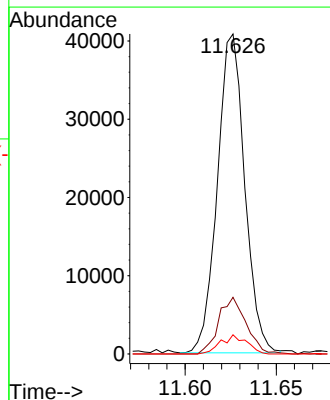
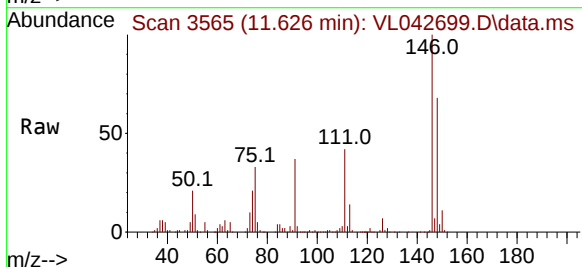
Instrument :
MSVOA_1
ClientSampleId :
VSTDCCC010

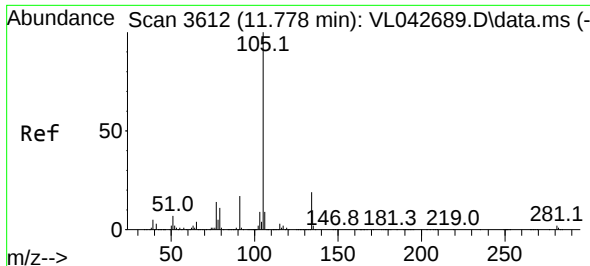
Tgt Ion:119 Resp: 439909
Ion Ratio Lower Upper
119 100
91 78.6 62.6 93.8
134 21.5 16.9 25.3



#66
Benzyl Chloride
Concen: 10.697 ppbv
RT: 11.626 min Scan# 3565
Delta R.T. -0.000 min
Lab File: VL042699.D
Acq: 03 Jul 2025 08:36

Tgt Ion: 91 Resp: 42511
Ion Ratio Lower Upper
91 100
126 18.0 14.8 22.2
128 5.7 4.7 7.1

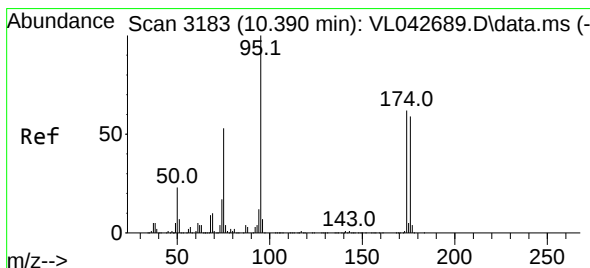
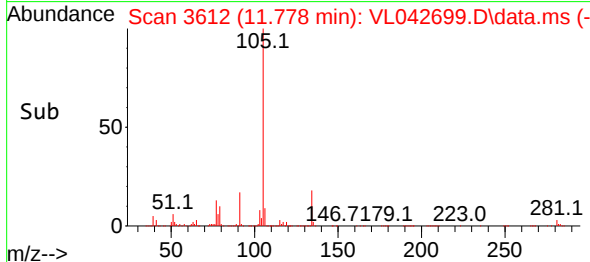
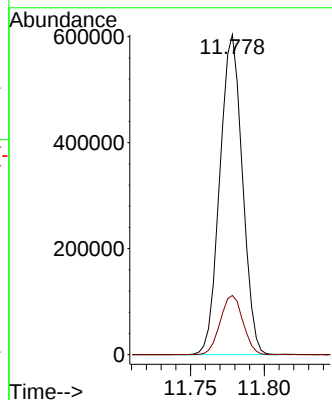
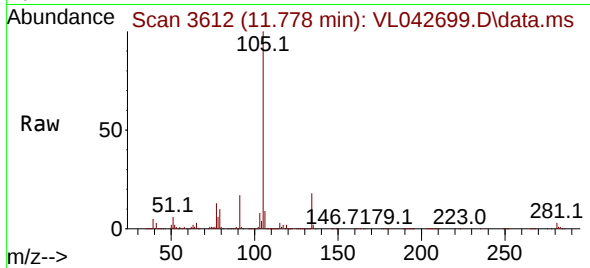




#67
 sec-Butylbenzene
 Concen: 10.223 ppbv
 RT: 11.778 min Scan# 3612
 Delta R.T. -0.000 min
 Lab File: VL042699.D
 Acq: 03 Jul 2025 08:36

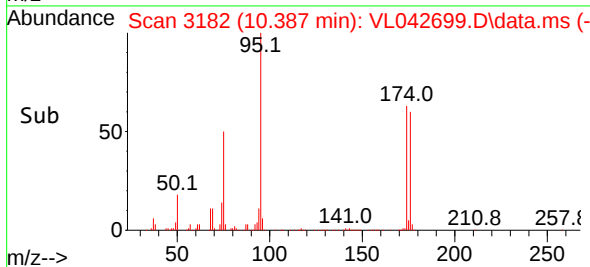
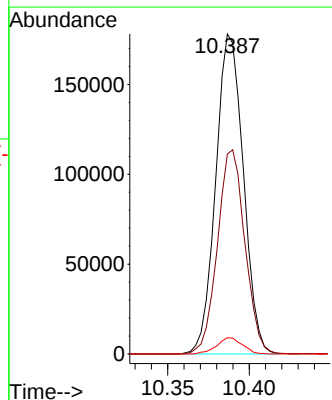
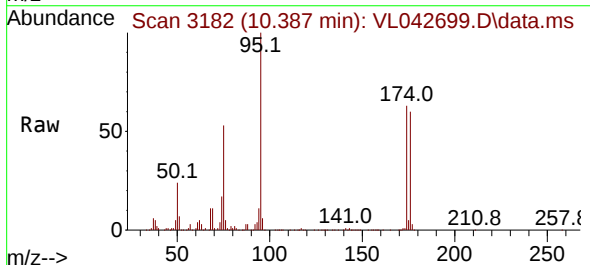
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

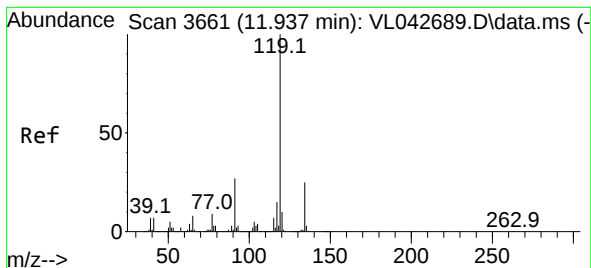
Tgt Ion:105 Resp: 642441
 Ion Ratio Lower Upper
 105 100
 134 18.7 15.0 22.6



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.221 ppbv
 RT: 10.387 min Scan# 3182
 Delta R.T. -0.003 min
 Lab File: VL042699.D
 Acq: 03 Jul 2025 08:36

Tgt Ion: 95 Resp: 209470
 Ion Ratio Lower Upper
 95 100
 174 63.5 51.2 76.8
 175 4.7 3.8 5.8

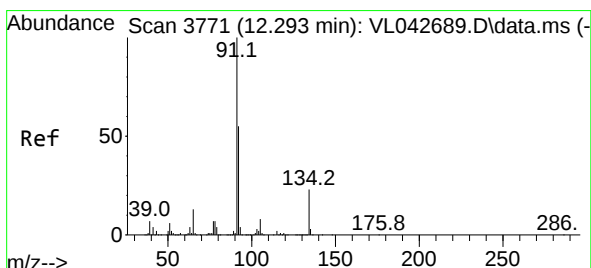
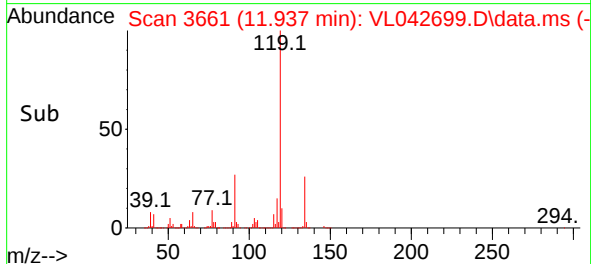
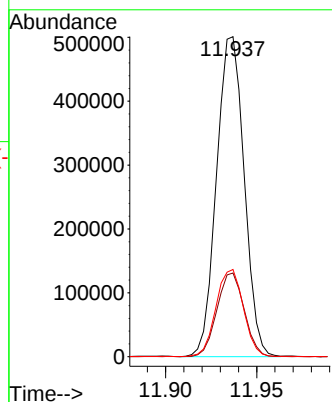
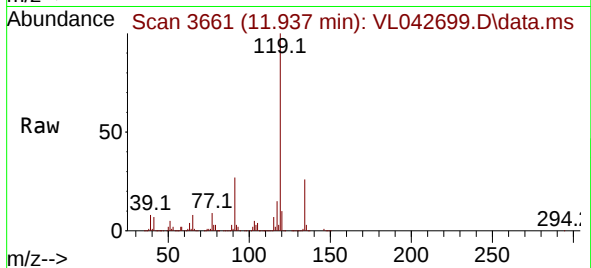




#69
p-Isopropyltoluene
Concen: 10.567 ppbv
RT: 11.937 min Scan# 30
Delta R.T. -0.000 min
Lab File: VL042699.D
Acq: 03 Jul 2025 08:36

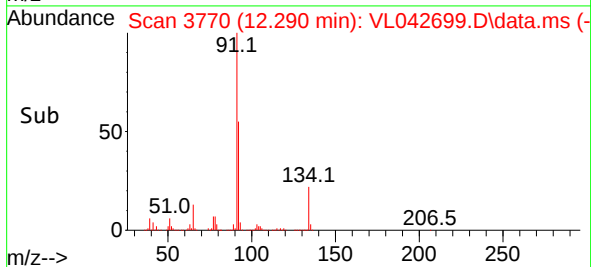
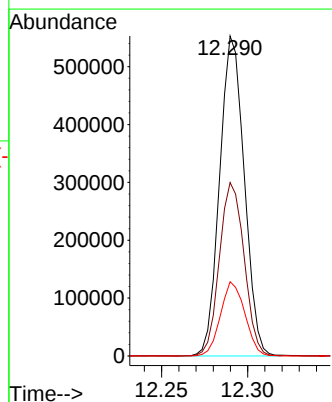
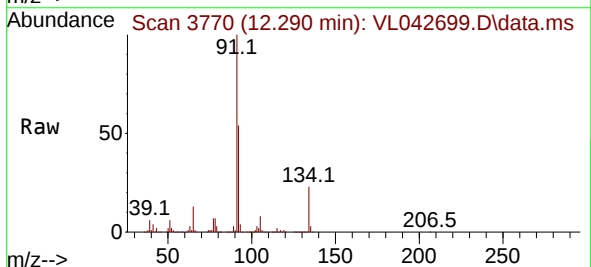
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

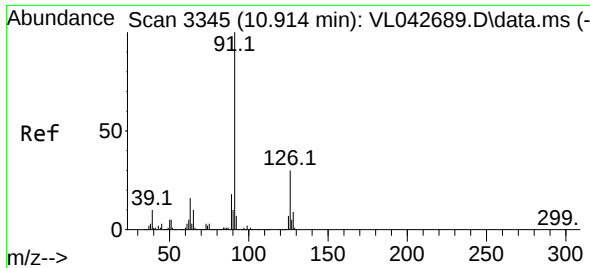
Tgt Ion:119 Resp: 528482
Ion Ratio Lower Upper
119 100
134 25.8 20.6 31.0
91 27.2 21.4 32.2



#70
n-Butylbenzene
Concen: 10.928 ppbv
RT: 12.290 min Scan# 3770
Delta R.T. -0.003 min
Lab File: VL042699.D
Acq: 03 Jul 2025 08:36

Tgt Ion: 91 Resp: 550637
Ion Ratio Lower Upper
91 100
92 54.5 44.2 66.2
134 23.0 18.6 27.8

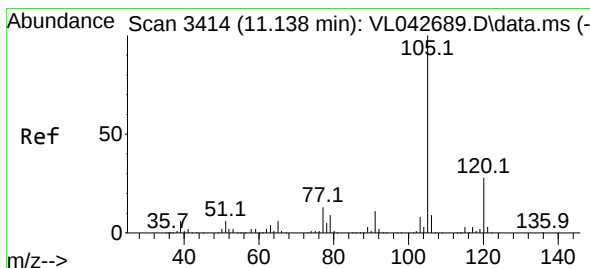
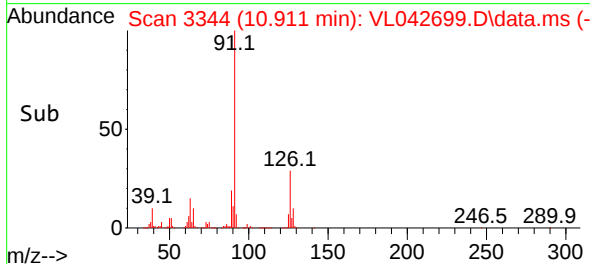
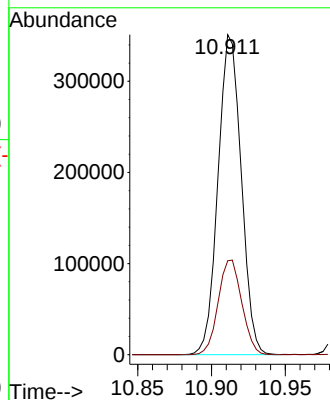
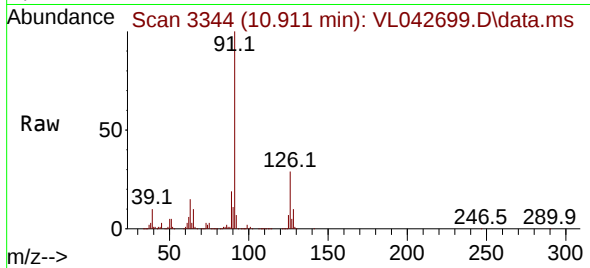




#71
2-Chlorotoluene
Concen: 10.844 ppbv
RT: 10.911 min Scan# 31
Delta R.T. -0.003 min
Lab File: VL042699.D
Acq: 03 Jul 2025 08:36

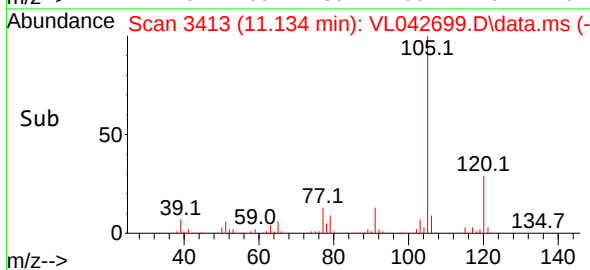
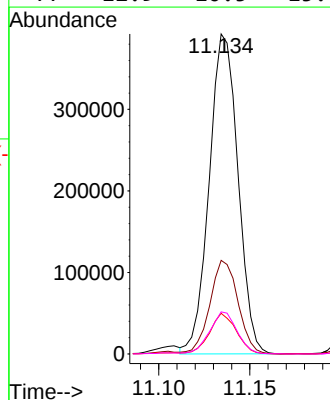
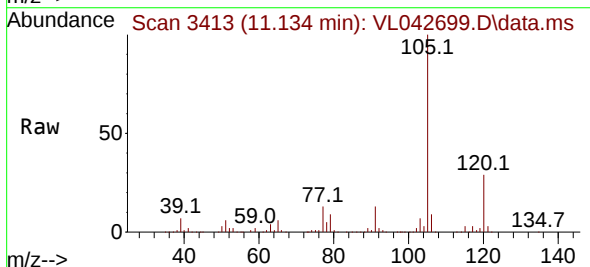
Instrument :
MSVOA_1
ClientSampleId :
VSTDCCC010

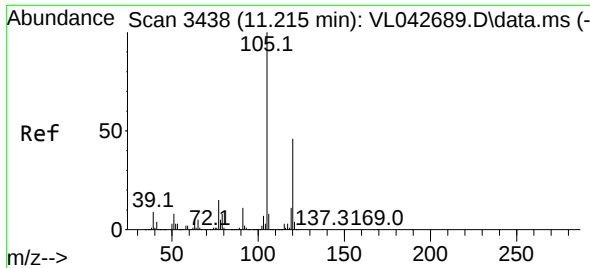
Tgt Ion: 91 Resp: 384447
Ion Ratio Lower Upper
91 100
126 30.0 11.8 47.4



#72
4-Ethyltoluene
Concen: 11.142 ppbv
RT: 11.134 min Scan# 3413
Delta R.T. -0.003 min
Lab File: VL042699.D
Acq: 03 Jul 2025 08:36

Tgt Ion: 105 Resp: 431686
Ion Ratio Lower Upper
105 100
120 29.2 23.8 35.6
91 12.1 9.7 14.5
77 12.9 10.5 15.7

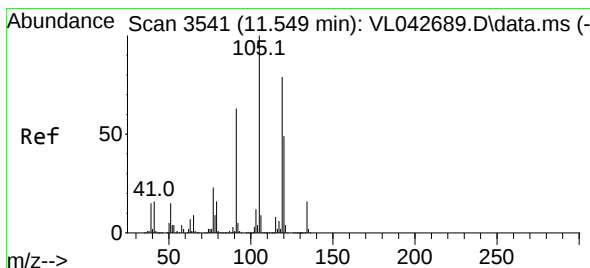
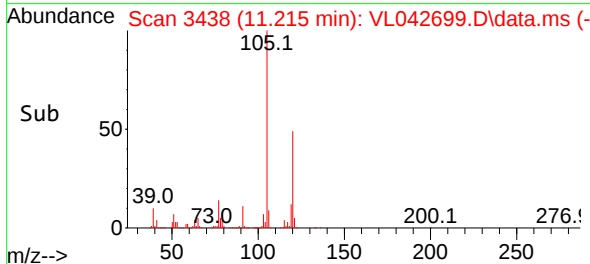
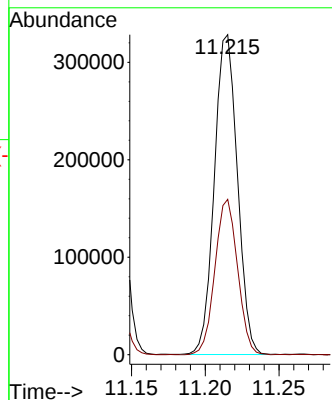
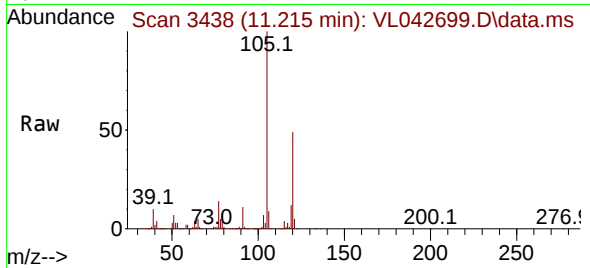




#73
 1,3,5-Trimethylbenzene
 Concen: 10.936 ppbv
 RT: 11.215 min Scan# 3438
 Delta R.T. -0.000 min
 Lab File: VL042699.D
 Acq: 03 Jul 2025 08:36

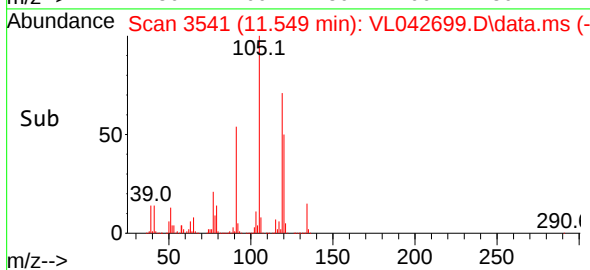
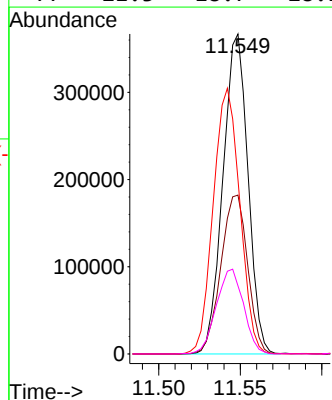
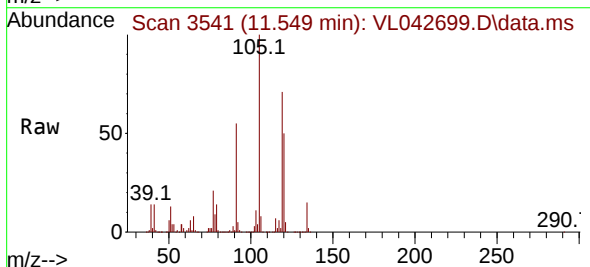
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

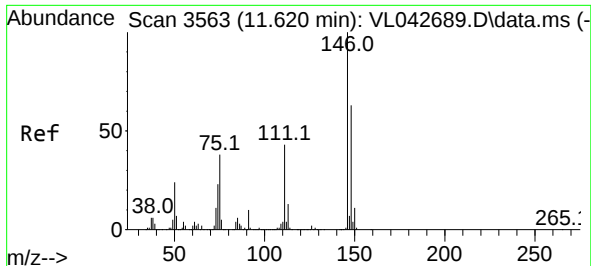
Tgt Ion:105 Resp: 357192
 Ion Ratio Lower Upper
 105 100
 120 48.5 37.0 55.4



#74
 1,2,4-Trimethylbenzene
 Concen: 10.490 ppbv
 RT: 11.549 min Scan# 3541
 Delta R.T. -0.000 min
 Lab File: VL042699.D
 Acq: 03 Jul 2025 08:36

Tgt Ion:105 Resp: 390891
 Ion Ratio Lower Upper
 105 100
 120 49.6 39.6 59.4
 91 54.5 51.0 76.6
 77 21.3 18.7 28.1

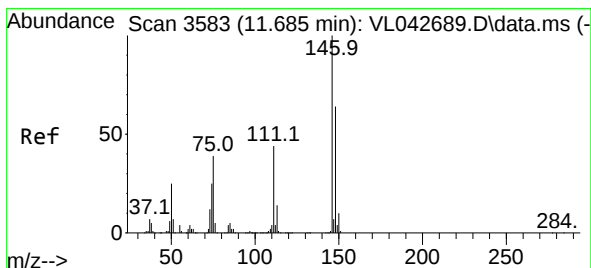
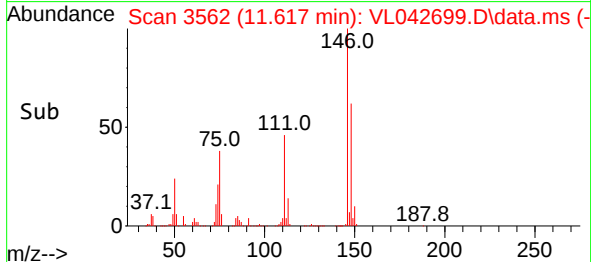
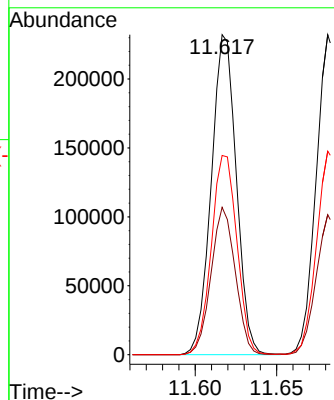
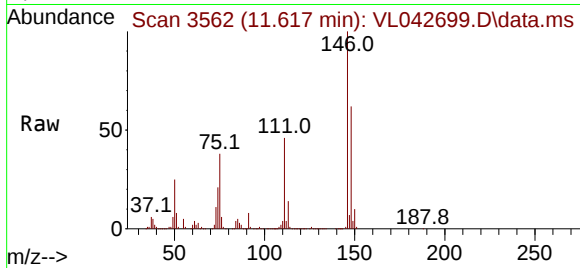




#75
1,3-Dichlorobenzene
Concen: 9.480 ppbv
RT: 11.617 min Scan# 3562
Delta R.T. -0.003 min
Lab File: VL042699.D
Acq: 03 Jul 2025 08:36

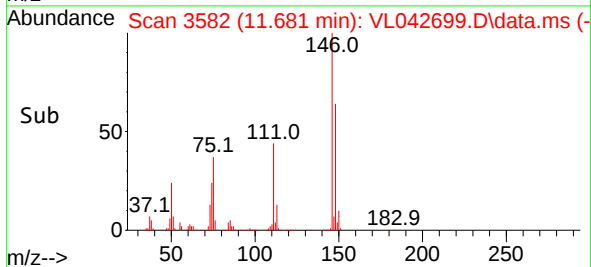
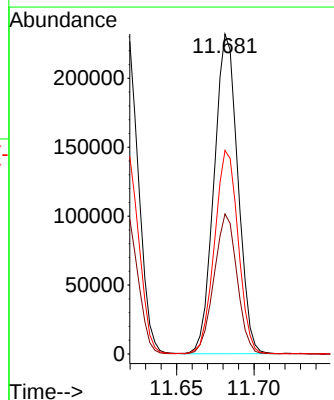
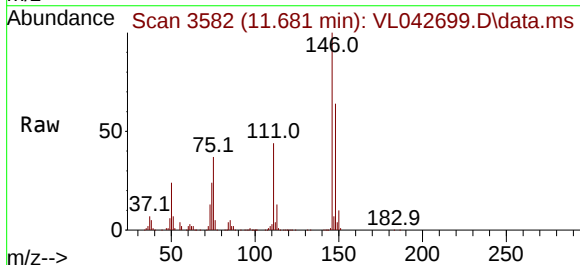
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

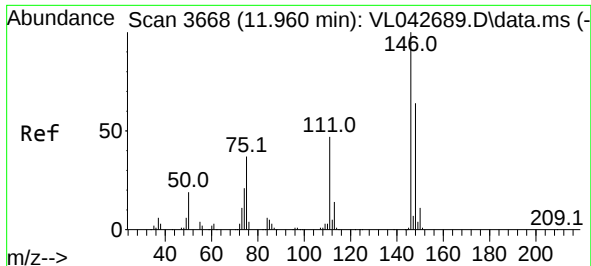
Tgt Ion:146 Resp: 247836
Ion Ratio Lower Upper
146 100
111 44.7 21.6 65.0
148 63.6 31.6 94.7



#76
1,4-Dichlorobenzene
Concen: 9.970 ppbv
RT: 11.681 min Scan# 3582
Delta R.T. -0.003 min
Lab File: VL042699.D
Acq: 03 Jul 2025 08:36

Tgt Ion:146 Resp: 247356
Ion Ratio Lower Upper
146 100
111 42.6 21.4 64.3
148 63.7 31.8 95.4

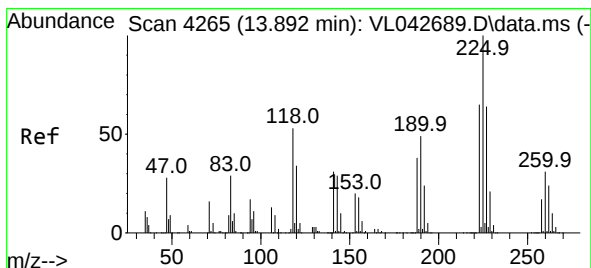
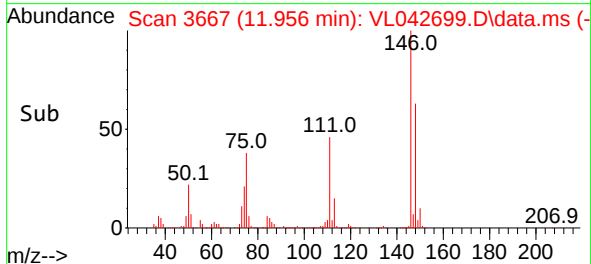
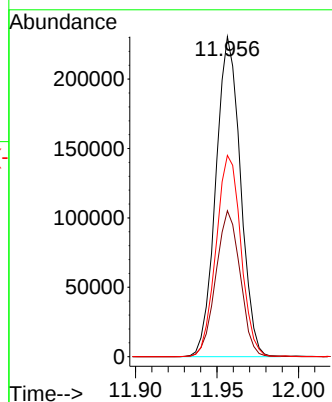
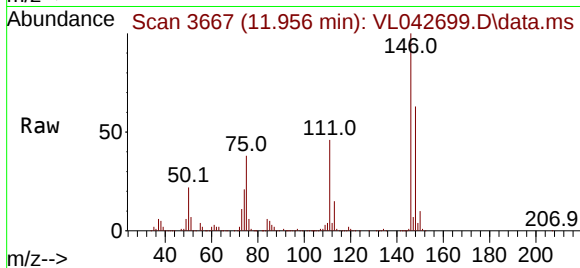




#77
1,2-Dichlorobenzene
Concen: 9.181 ppbv
RT: 11.956 min Scan# 30
Delta R.T. -0.003 min
Lab File: VL042699.D
Acq: 03 Jul 2025 08:36

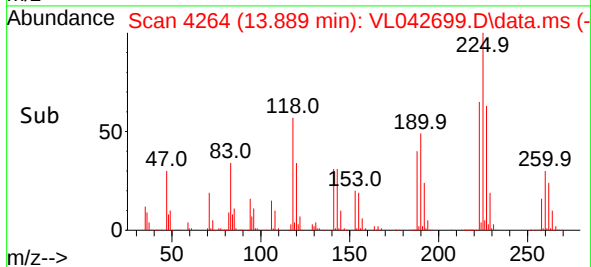
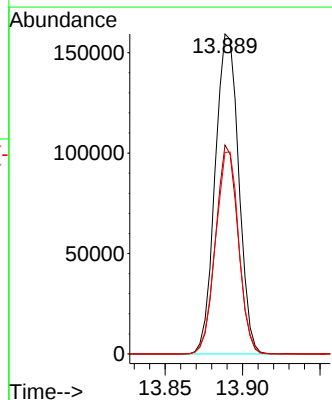
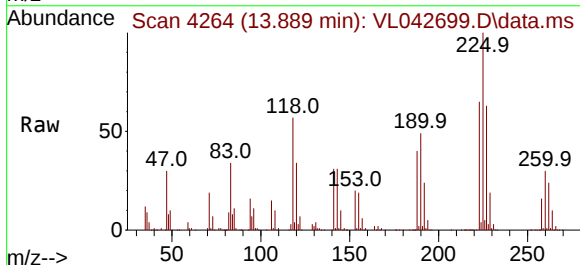
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

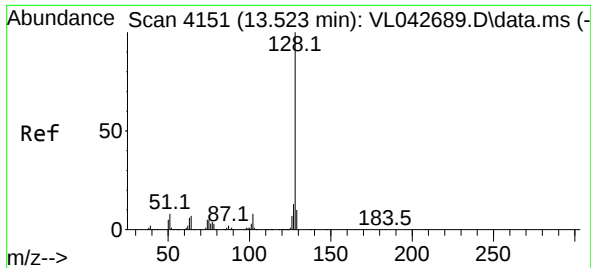
Tgt Ion:146 Resp: 242468
Ion Ratio Lower Upper
146 100
111 45.0 22.9 68.8
148 63.6 31.9 95.7



#78
Hexachloro-1,3-Butadiene
Concen: 8.177 ppbv
RT: 13.889 min Scan# 4264
Delta R.T. -0.003 min
Lab File: VL042699.D
Acq: 03 Jul 2025 08:36

Tgt Ion:225 Resp: 168191
Ion Ratio Lower Upper
225 100
223 62.5 50.5 75.7
227 62.5 50.0 75.0

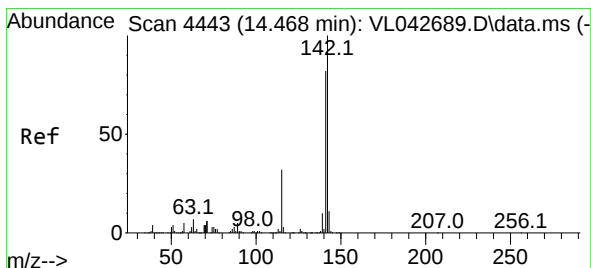
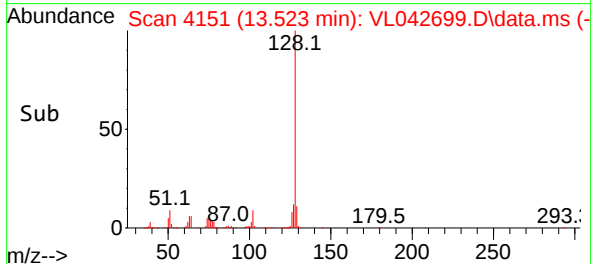
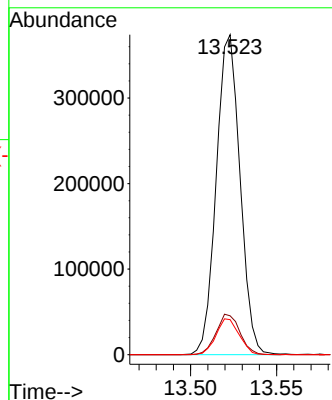
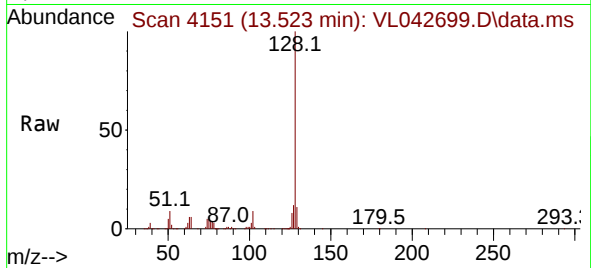




#79
Naphthalene
Concen: 11.560 ppbv
RT: 13.523 min Scan# 4151
Delta R.T. -0.000 min
Lab File: VL042699.D
Acq: 03 Jul 2025 08:36

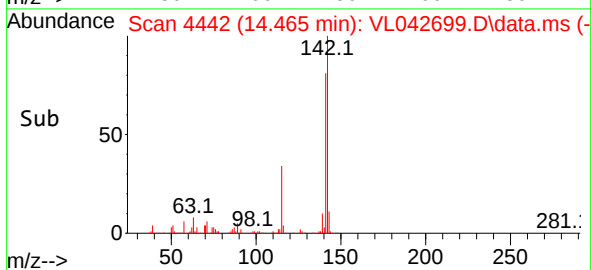
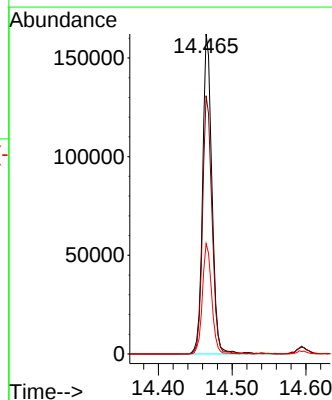
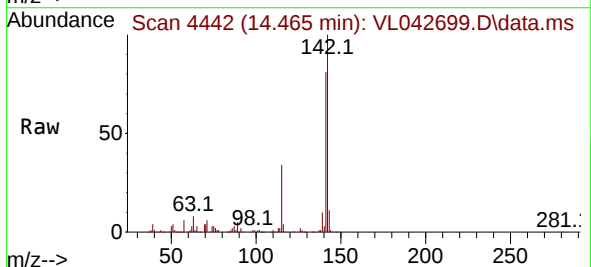
Instrument :
MSVOA_1
ClientSampleId :
VSTDCCC010

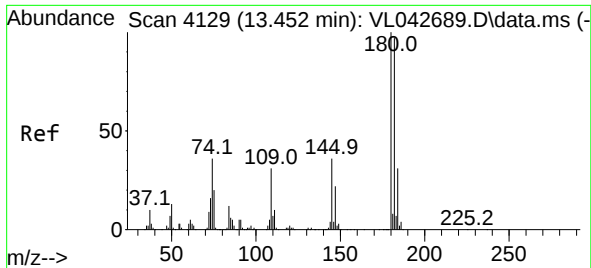
Tgt Ion:128 Resp: 359527
Ion Ratio Lower Upper
128 100
127 12.2 10.2 15.4
129 11.0 8.2 12.2



#80
Naphthalene,2-methyl-
Concen: 10.993 ppbv
RT: 14.465 min Scan# 4442
Delta R.T. -0.003 min
Lab File: VL042699.D
Acq: 03 Jul 2025 08:36

Tgt Ion:142 Resp: 142000
Ion Ratio Lower Upper
142 100
141 82.3 67.4 101.2
115 34.4 26.9 40.3





#81
 1,2,4-Trichlorobenzene
 Concen: 10.196 ppbv
 RT: 13.448 min Scan# 41
 Delta R.T. -0.003 min
 Lab File: VL042699.D
 Acq: 03 Jul 2025 08:36

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tgt Ion:180 Resp: 184786
 Ion Ratio Lower Upper
 180 100
 182 96.8 76.7 115.1
 184 30.6 24.4 36.6

