

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL070225\
 Data File : VL042693.D
 Acq On : 02 Jul 2025 10:34
 Operator : SY/MD
 Sample : VSTDIC0.1
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.1

Quant Time: Jul 03 01:28:23 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 01:24:10 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.793	49	118772	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.968	114	294228	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.891	117	255724	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.383	95	188726	9.595	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	95.900%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.557	85	1147	0.092	ppbv	94
3) Chlorodifluoromethane	1.479	51	2207	0.119	ppbv	98
4) Chloromethane	1.534	50	656	0.135	ppbv	94
5) Vinyl Chloride	1.583	62	618	0.126	ppbv #	69
6) Bromomethane	1.673	94	333	0.152	ppbv #	18
7) Chloroethane	1.706	64	328	0.174	ppbv #	69
8) Dichlorotetrafluoroethane	1.557	85	1147	0.111	ppbv	90
9) Propene	1.486	41	862	0.124	ppbv	99
10) Heptane	4.991	43	586	0.031	ppbv #	1
11) Trichlorofluoromethane	1.881	101	1449	0.111	ppbv	92
12) 1,1,2-Trichlorotrifluo...	2.143	101	1425	0.137	ppbv #	83
13) Ethanol	1.887	45	1161	1.757	ppbv #	37
14) Bromoethene	1.783	108	459	0.127	ppbv #	79
15) Acetone	1.839	43	2202	0.187	ppbv	92
16) 1,3-Butadiene	1.612	39	697	0.128	ppbv	94
17) tert-Butyl alcohol	2.046	59	1228	0.107	ppbv #	76
18) 1,1-Dichloroethene	2.039	96	333	0.072	ppbv	89
19) Isopropyl Alcohol	1.887	45	1161	0.171	ppbv #	1
20) Methylene Chloride	2.065	84	1404	0.312	ppbv #	92
21) Allyl Chloride	2.101	41	1039	0.126	ppbv #	94
22) trans-1,2-Dichloroethene	2.039	96	333	0.066	ppbv	96
23) Vinyl Acetate	2.470	43	1781	0.093	ppbv #	72
24) 1,1-Dichloroethane	2.415	63	1228	0.118	ppbv #	95
25) Ethyl Acetate	2.848	43	3828	0.107	ppbv #	96
26) Hexane	2.832	57	1471	0.099	ppbv	86
27) Carbon Disulfide	2.156	76	1317	0.109	ppbv #	1
28) Methyl tert-Butyl Ether	2.450	73	231	0.038	ppbv #	51
29) Chloroform	2.855	83	2620	0.117	ppbv	86
30) Cyclohexane	3.871	84	531	0.047	ppbv #	1
31) cis-1,2-Dichloroethene	2.722	61	1293	0.091	ppbv #	83
32) 1,1,1-Trichloroethane	3.379	97	1669	0.078	ppbv #	76
34) 2-Butanone	2.570	43	2630	0.113	ppbv #	88
35) Carbon Tetrachloride	3.771	117	2173	0.106	ppbv #	97
36) Benzene	3.667	78	3087	0.104	ppbv #	93
37) 1,2-Dichloroethane	3.224	62	1109	0.070	ppbv #	62
38) Trichloroethene	4.557	130	707	0.055	ppbv #	51
39) 1,2-Dichloropropane	4.321	63	984	0.085	ppbv	91
40) 1,4-Dioxane	4.616	88	62	0.014	ppbv #	20
42) Bromodichloromethane	4.505	83	1875	0.084	ppbv #	92
43) Methyl Methacrylate	4.891	69	446	0.047	ppbv #	1
44) 2,2,4-Trimethylpentane	4.654	57	1981	0.040	ppbv #	5
45) t-1,3-Dichloropropene	6.438	75	274	0.027	ppbv	91
46) cis-1,3-Dichloropropene	5.612	75	157	0.011	ppbv #	29

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL070225\
 Data File : VL042693.D
 Acq On : 02 Jul 2025 10:34
 Operator : SY/MD
 Sample : VSTDICC0.1
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC0.1

Quant Time: Jul 03 01:28:23 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 01:24:10 2025
 Response via : Initial Calibration

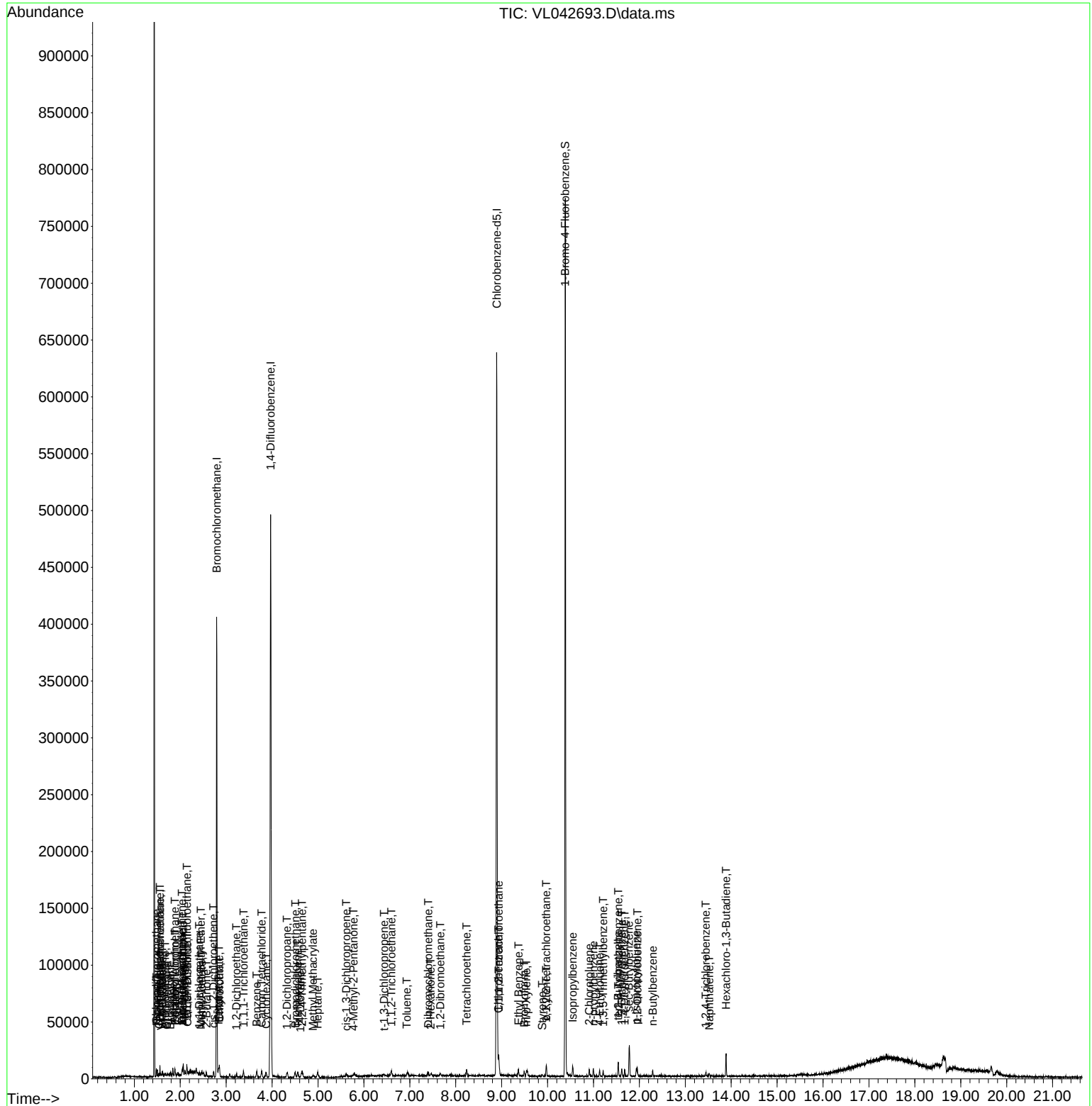
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
47) 1,1,2-Trichloroethane	6.600	97	904	0.079	ppbv	#	69
48) Dibromochloromethane	7.399	129	1137	0.065	ppbv	#	51
49) Bromoform	9.490	173	914	0.061	ppbv	#	69
50) 4-Methyl-2-Pentanone	5.774	43	393	0.014	ppbv	#	40
51) 2-Hexanone	7.454	43	340	0.017	ppbv	#	30
52) Tetrachloroethene	8.234	164	886	0.089	ppbv	#	67
53) Toluene	6.936	91	528	0.019	ppbv	#	21
54) 1,2-Dibromoethane	7.664	107	1407	0.089	ppbv	#	60
56) 1,1,1,2-Tetrachloroethane	8.936	131	1153	0.083	ppbv	#	25
57) Chlorobenzene	8.930	112	3252	0.127	ppbv	#	79
58) Ethyl Benzene	9.367	91	2603	0.070	ppbv		95
59) m/p-Xylene	9.538	91	1247	0.040	ppbv	#	1
60) o-Xylene	9.972	91	1772	0.058	ppbv		82
61) Styrene	9.885	104	484	0.040	ppbv	#	59
62) Isopropylbenzene	10.548	105	3684	0.080	ppbv		94
63) 1,1,2,2-Tetrachloroethane	9.969	83	2234	0.095	ppbv		87
64) n-propylbenzene	11.001	120	752	0.064	ppbv		80
65) tert-Butylbenzene	11.535	119	2233	0.057	ppbv	#	85
67) sec-Butylbenzene	11.772	105	2879	0.048	ppbv	#	85
69) p-Isopropyltoluene	11.930	119	2401	0.050	ppbv	#	90
70) n-Butylbenzene	12.290	91	1958	0.040	ppbv		97
71) 2-Chlorotoluene	10.908	91	2247	0.066	ppbv		93
72) 4-Ethyltoluene	11.134	105	2036	0.055	ppbv		95
73) 1,3,5-Trimethylbenzene	11.212	105	1809	0.058	ppbv	#	80
74) 1,2,4-Trimethylbenzene	11.542	105	1415	0.040	ppbv	#	66
75) 1,3-Dichlorobenzene	11.613	146	1810	0.072	ppbv		96
76) 1,4-Dichlorobenzene	11.681	146	1552	0.065	ppbv		98
77) 1,2-Dichlorobenzene	11.956	146	1722	0.068	ppbv		94
78) Hexachloro-1,3-Butadiene	13.889	225	1995	0.101	ppbv		93
79) Naphthalene	13.523	128	1008	0.034	ppbv	#	90
81) 1,2,4-Trichlorobenzene	13.445	180	467	0.027	ppbv		87

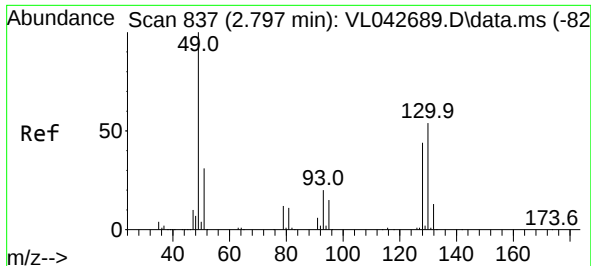
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Data File : VL042693.D
Acq On : 02 Jul 2025 10:34
Operator : SY/MD
Sample : VSTDICC0.1
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Quant Time: Jul 03 01:28:23 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 01:24:10 2025
Response via : Initial Calibration

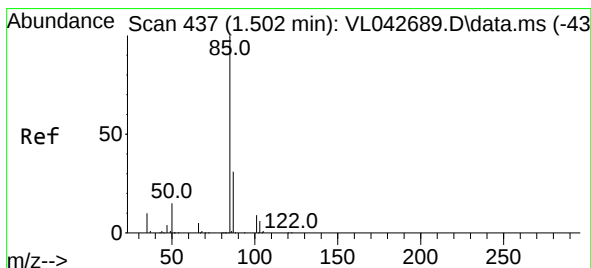
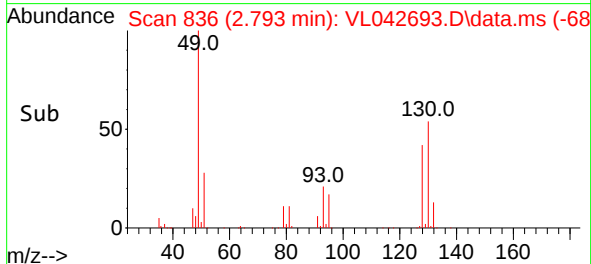
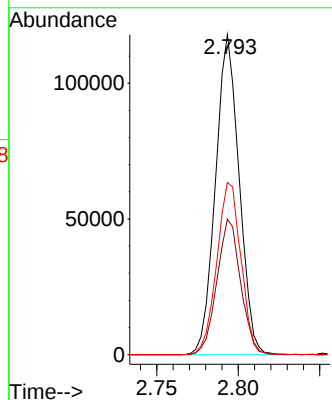
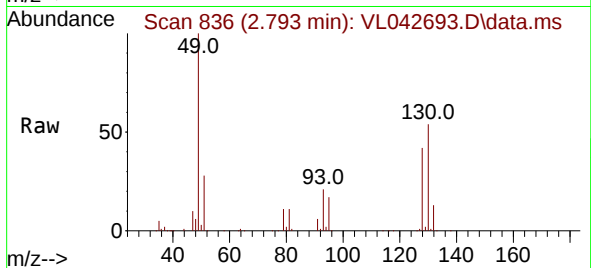




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.793 min Scan# 81
Delta R.T. -0.004 min
Lab File: VL042693.D
Acq: 02 Jul 2025 10:34

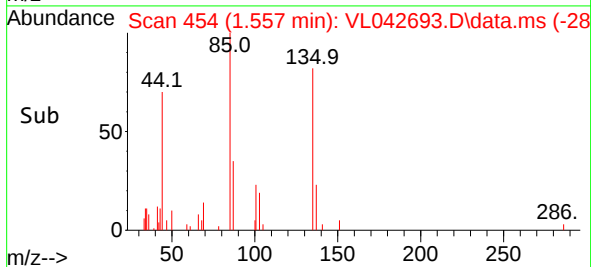
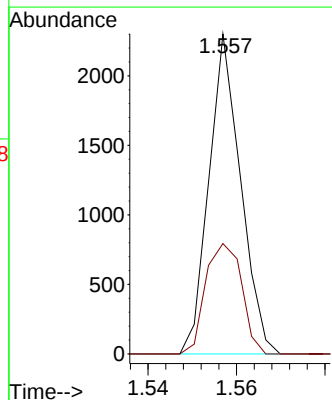
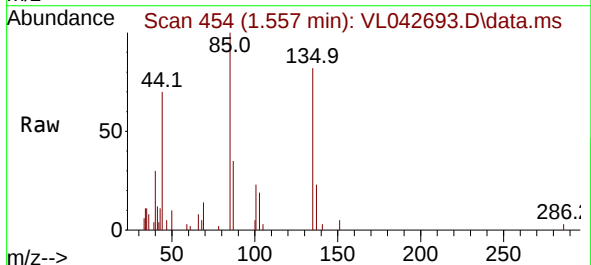
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MSVOA_L
ClientSampleId :
VSTDIC0.1

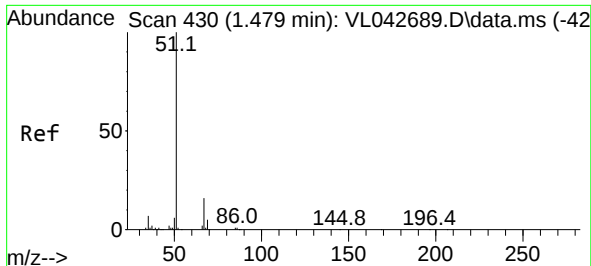
Tgt Ion: 49 Resp: 118772
Ion Ratio Lower Upper
49 100
128 42.5 21.4 64.2
130 55.2 28.0 84.0



#2
Dichlorodifluoromethane
Concen: 0.092 ppbv
RT: 1.557 min Scan# 454
Delta R.T. 0.055 min
Lab File: VL042693.D
Acq: 02 Jul 2025 10:34

Tgt Ion: 85 Resp: 1147
Ion Ratio Lower Upper
85 100
87 34.5 25.1 37.7

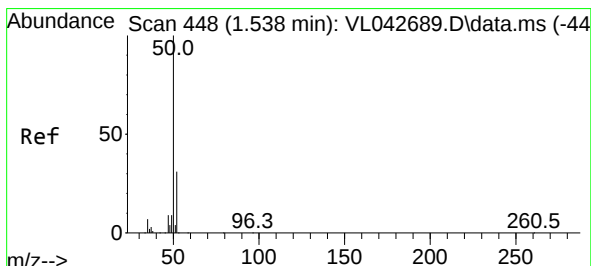
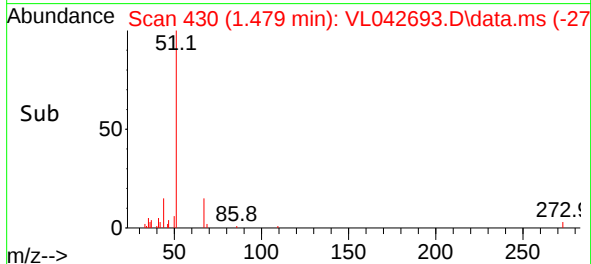
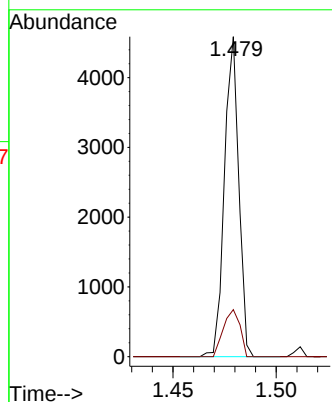
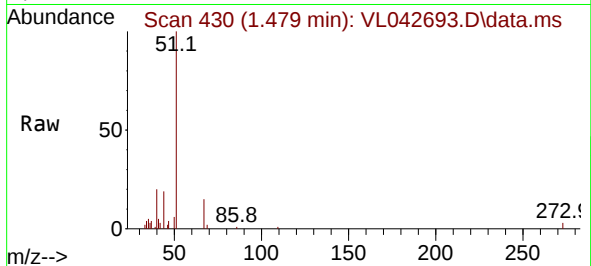




#3
Chlorodifluoromethane
Concen: 0.119 ppbv
RT: 1.479 min Scan# 41
Delta R.T. -0.000 min
Lab File: VL042693.D
Acq: 02 Jul 2025 10:34

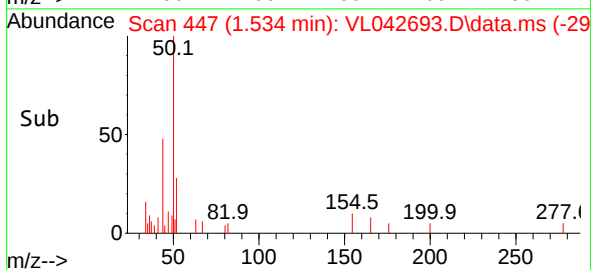
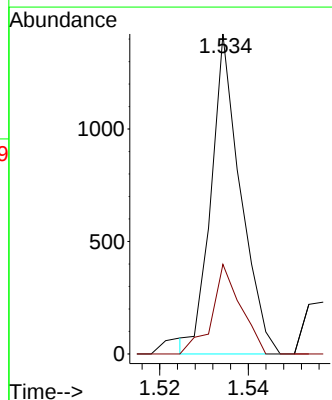
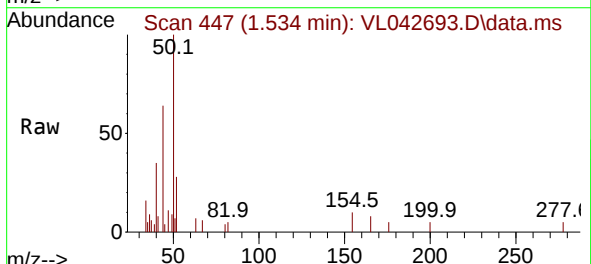
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.1

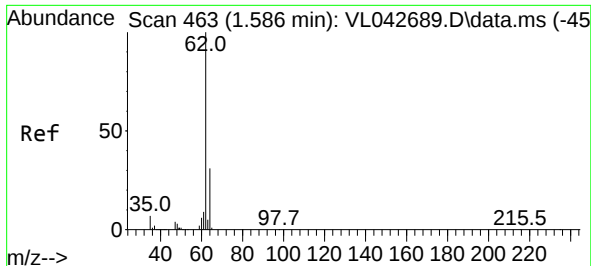
Tgt Ion: 51 Resp: 2207
Ion Ratio Lower Upper
51 100
67 17.1 13.1 19.7



#4
Chloromethane
Concen: 0.135 ppbv
RT: 1.534 min Scan# 447
Delta R.T. -0.003 min
Lab File: VL042693.D
Acq: 02 Jul 2025 10:34

Tgt Ion: 50 Resp: 656
Ion Ratio Lower Upper
50 100
52 28.0 24.8 37.2

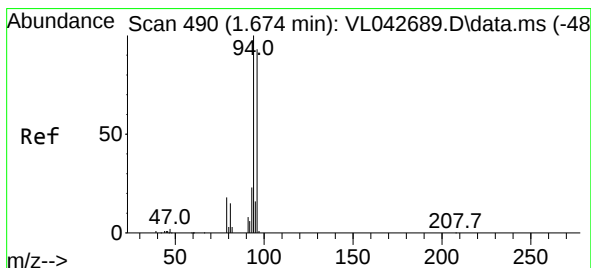
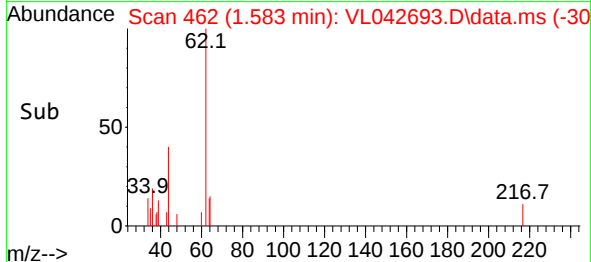
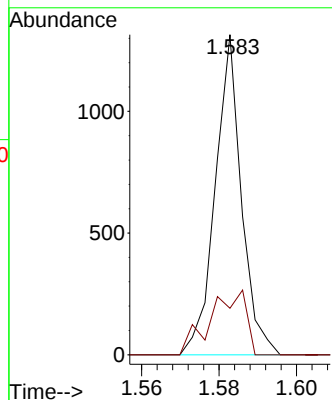
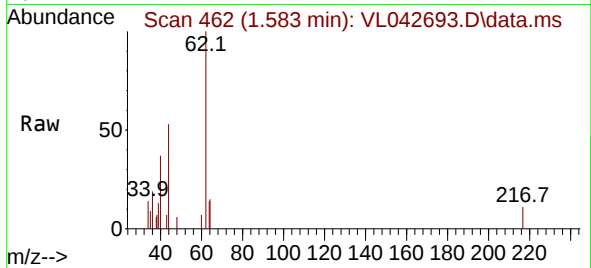




#5
 Vinyl Chloride
 Concen: 0.126 ppbv
 RT: 1.583 min Scan# 462
 Delta R.T. -0.003 min
 Lab File: VL042693.D
 Acq: 02 Jul 2025 10:34

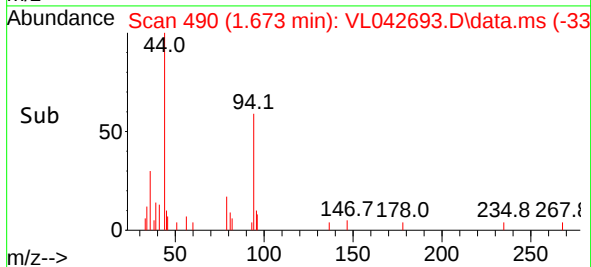
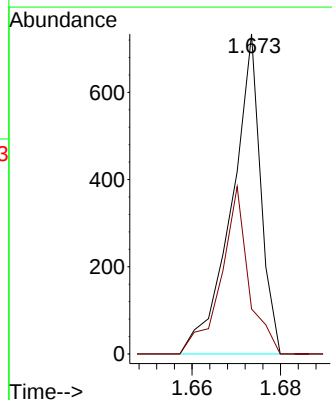
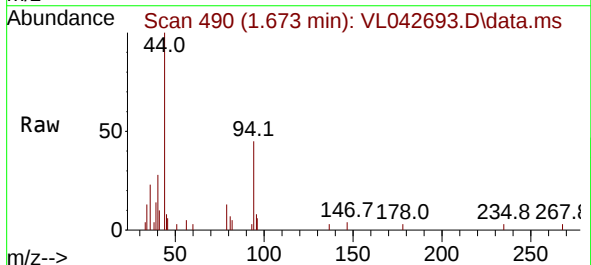
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDIC0.1

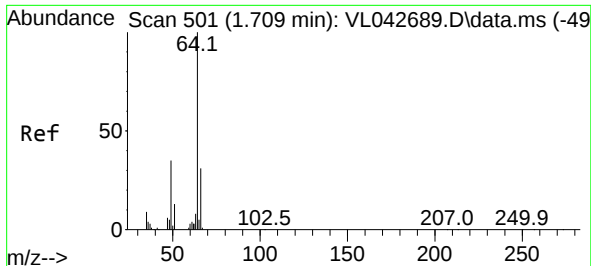
Tgt Ion: 62 Resp: 618
 Ion Ratio Lower Upper
 62 100
 64 14.5 25.1 37.7#



#6
 Bromomethane
 Concen: 0.152 ppbv
 RT: 1.673 min Scan# 490
 Delta R.T. -0.000 min
 Lab File: VL042693.D
 Acq: 02 Jul 2025 10:34

Tgt Ion: 94 Resp: 333
 Ion Ratio Lower Upper
 94 100
 96 14.0 74.6 112.0#

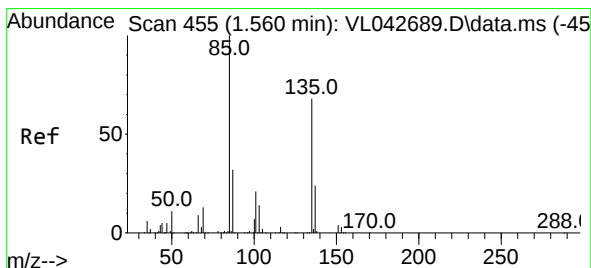
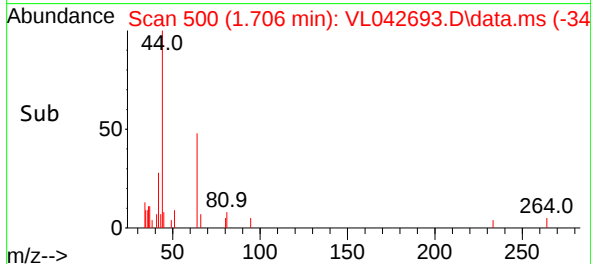
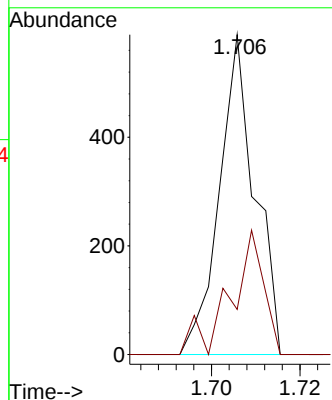
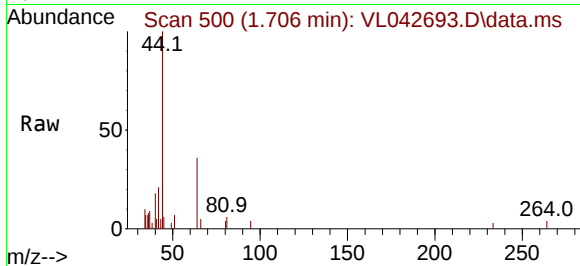




#7
Chloroethane
Concen: 0.174 ppbv
RT: 1.706 min Scan# 501
Delta R.T. -0.003 min
Lab File: VL042693.D
Acq: 02 Jul 2025 10:34

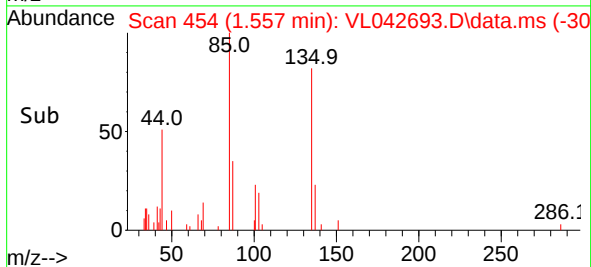
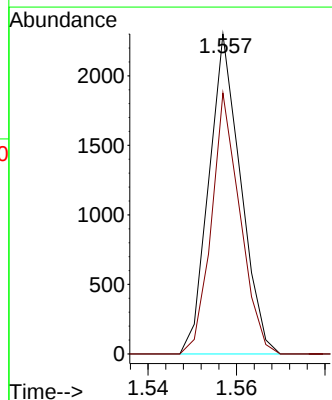
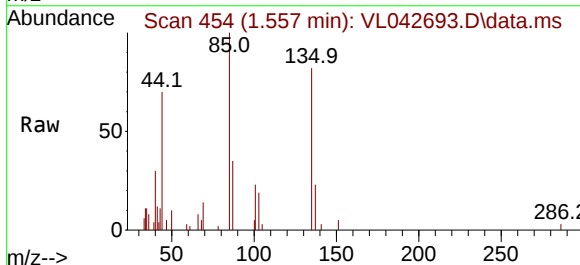
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.1

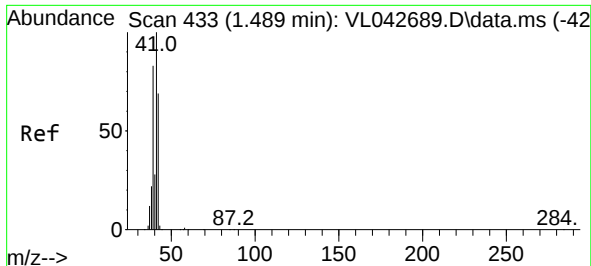
Tgt Ion: 64 Resp: 328
Ion Ratio Lower Upper
64 100
66 14.1 24.7 37.1#



#8
Dichlorotetrafluoroethane
Concen: 0.111 ppbv
RT: 1.557 min Scan# 454
Delta R.T. -0.003 min
Lab File: VL042693.D
Acq: 02 Jul 2025 10:34

Tgt Ion: 85 Resp: 1147
Ion Ratio Lower Upper
85 100
135 73.5 52.6 79.0





#9

Propene

Concen: 0.124 ppbv

RT: 1.486 min Scan# 41

Delta R.T. -0.003 min

Lab File: VL042693.D

Acq: 02 Jul 2025 10:34

Instrument :

MSVOA_1

ClientSampleId :

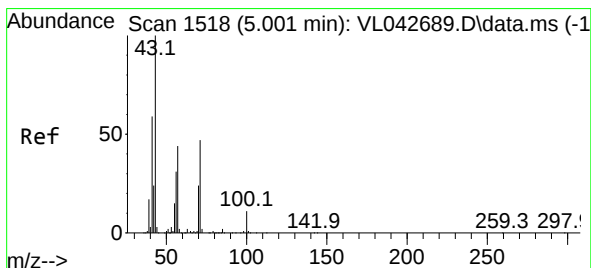
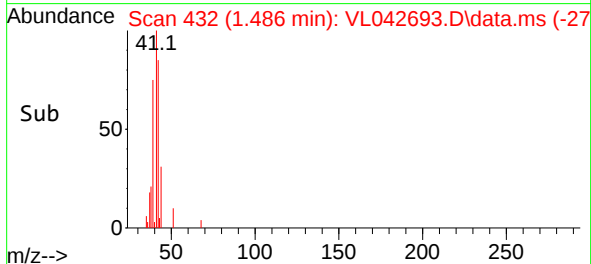
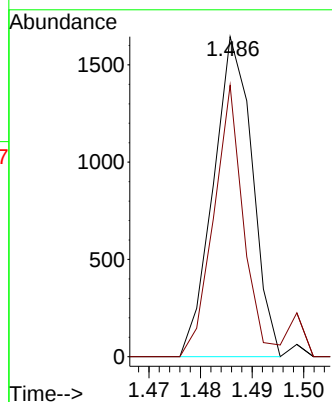
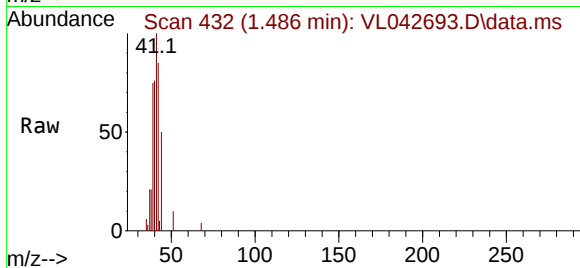
VSTDIC0.1

Tgt Ion: 41 Resp: 862

Ion Ratio Lower Upper

41 100

42 70.3 55.6 83.4



#10

Heptane

Concen: 0.031 ppbv

RT: 4.991 min Scan# 1515

Delta R.T. -0.010 min

Lab File: VL042693.D

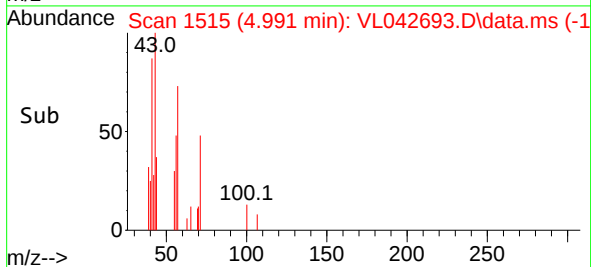
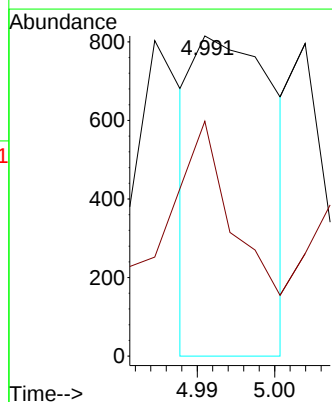
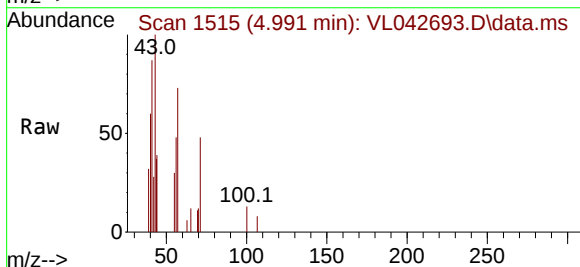
Acq: 02 Jul 2025 10:34

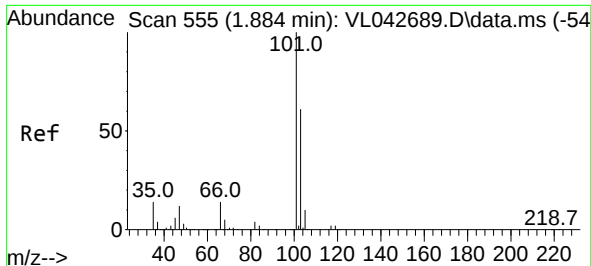
Tgt Ion: 43 Resp: 586

Ion Ratio Lower Upper

43 100

57 127.5 37.4 56.0#

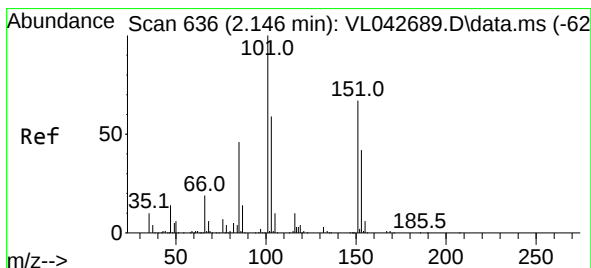
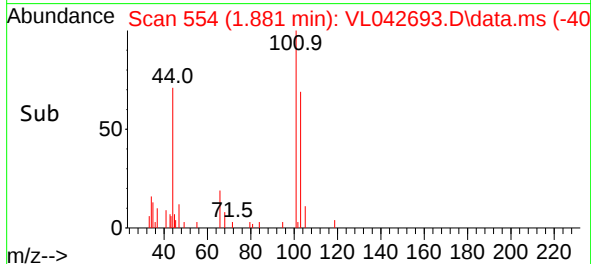
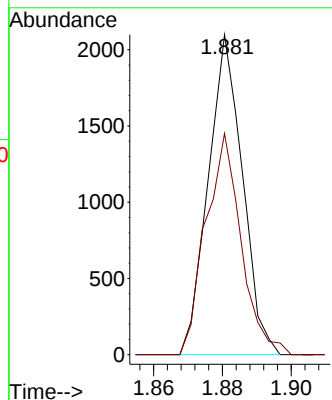
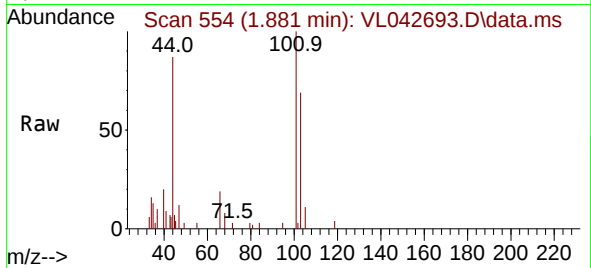




#11
 Trichlorofluoromethane
 Concen: 0.111 ppbv
 RT: 1.881 min Scan# 511
 Delta R.T. -0.003 min
 Lab File: VL042693.D
 Acq: 02 Jul 2025 10:34

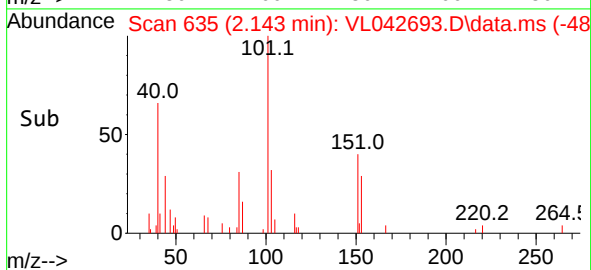
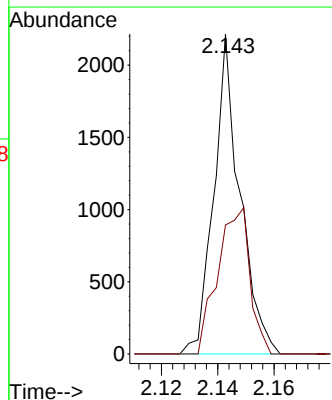
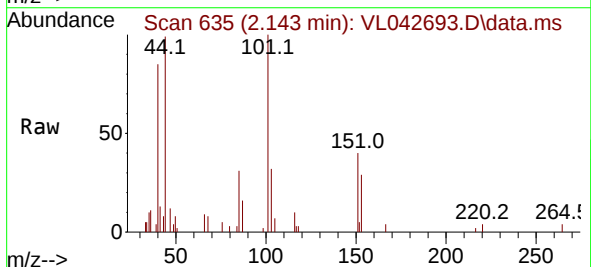
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.1

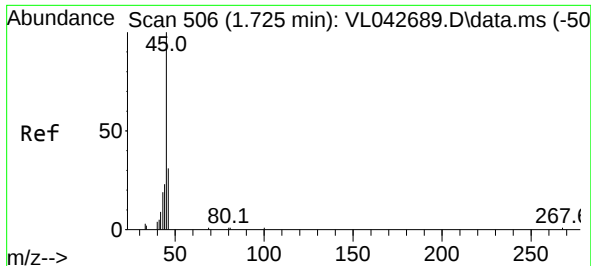
Tgt Ion:101 Resp: 1449
 Ion Ratio Lower Upper
 101 100
 103 67.4 48.9 73.3



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.137 ppbv
 RT: 2.143 min Scan# 635
 Delta R.T. -0.003 min
 Lab File: VL042693.D
 Acq: 02 Jul 2025 10:34

Tgt Ion:101 Resp: 1425
 Ion Ratio Lower Upper
 101 100
 151 56.3 56.6 84.8#

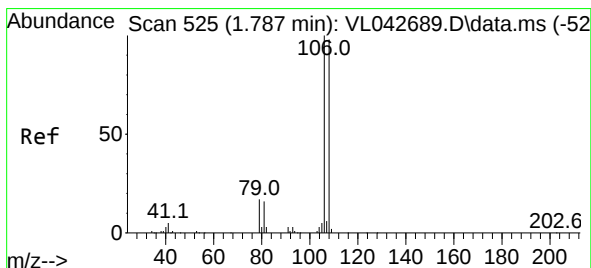
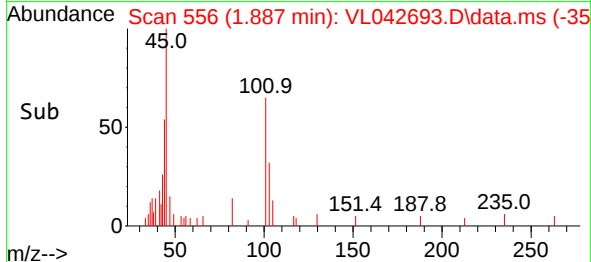
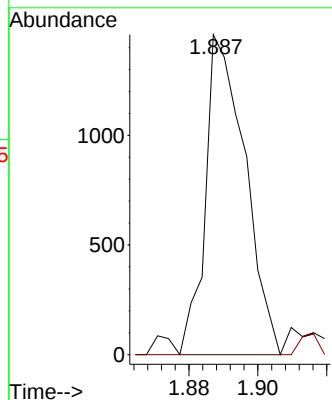
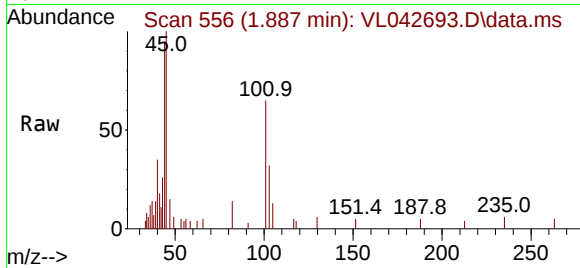




#13
Ethanol
Concen: 1.757 ppbv
RT: 1.887 min Scan# 51
Delta R.T. 0.162 min
Lab File: VL042693.D
Acq: 02 Jul 2025 10:34

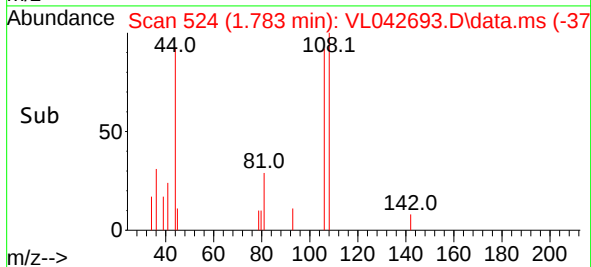
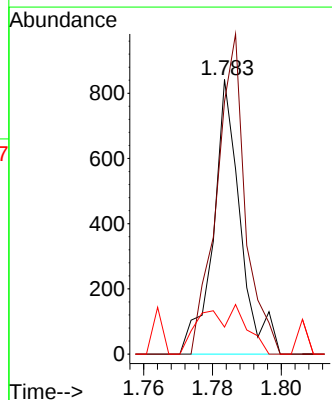
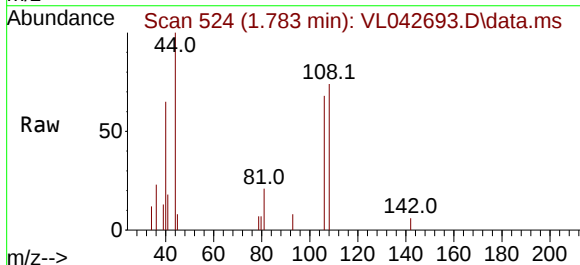
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.1

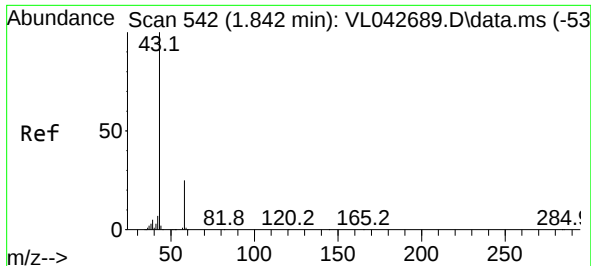
Tgt Ion: 45 Resp: 1161
Ion Ratio Lower Upper
45 100
46 0.0 15.2 60.8#



#14
Bromoethene
Concen: 0.127 ppbv
RT: 1.783 min Scan# 524
Delta R.T. -0.003 min
Lab File: VL042693.D
Acq: 02 Jul 2025 10:34

Tgt Ion: 108 Resp: 459
Ion Ratio Lower Upper
108 100
106 123.7 85.9 128.9
79 40.1 14.5 21.7#





#15

Acetone

Concen: 0.187 ppbv

RT: 1.839 min Scan# 54

Delta R.T. -0.003 min

Lab File: VL042693.D

Acq: 02 Jul 2025 10:34

Instrument :

MSVOA_L

ClientSampleId :

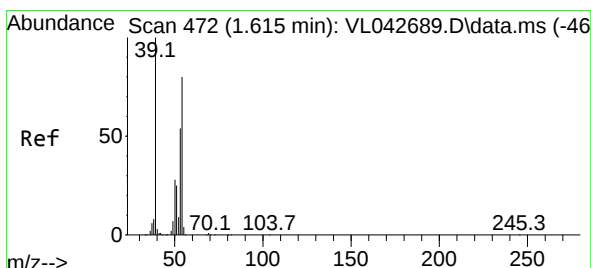
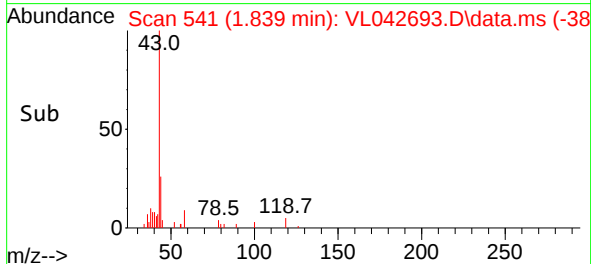
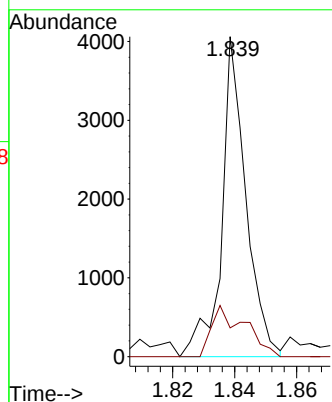
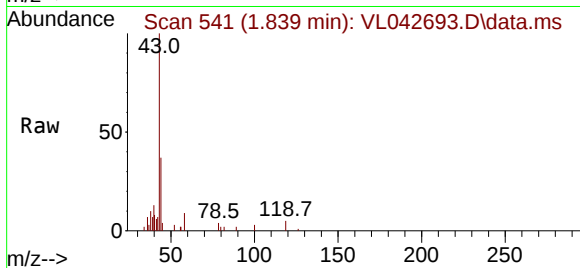
VSTDIC0.1

Tgt Ion: 43 Resp: 2202

Ion Ratio Lower Upper

43 100

58 21.9 20.6 31.0



#16

1,3-Butadiene

Concen: 0.128 ppbv

RT: 1.612 min Scan# 471

Delta R.T. -0.003 min

Lab File: VL042693.D

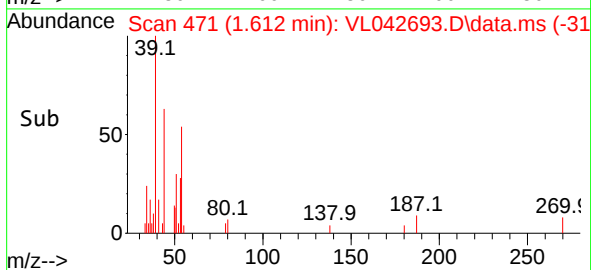
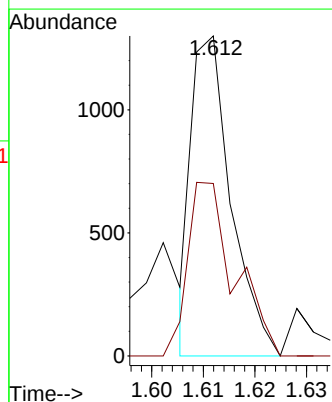
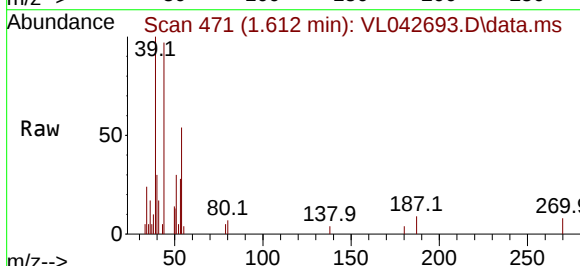
Acq: 02 Jul 2025 10:34

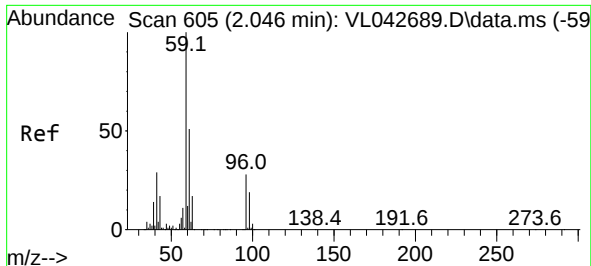
Tgt Ion: 39 Resp: 697

Ion Ratio Lower Upper

39 100

54 64.1 54.9 82.3

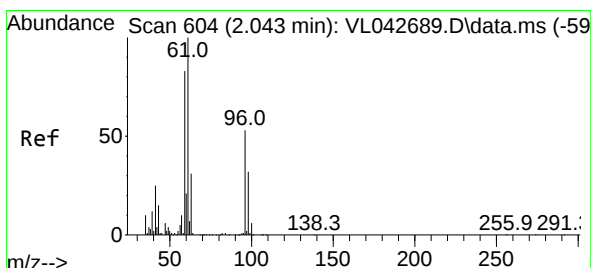
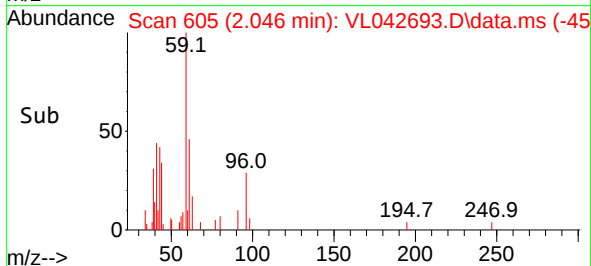
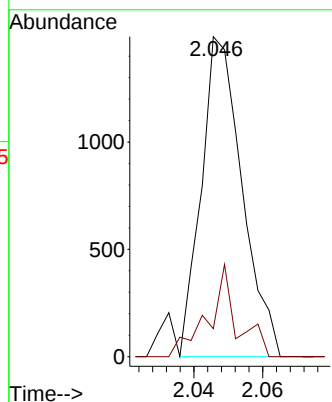
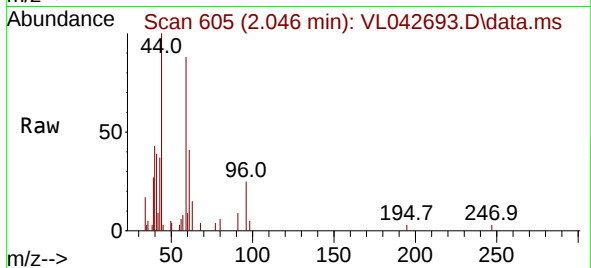




#17
tert-Butyl alcohol
Concen: 0.107 ppbv
RT: 2.046 min Scan# 605
Delta R.T. -0.000 min
Lab File: VL042693.D
Acq: 02 Jul 2025 10:34

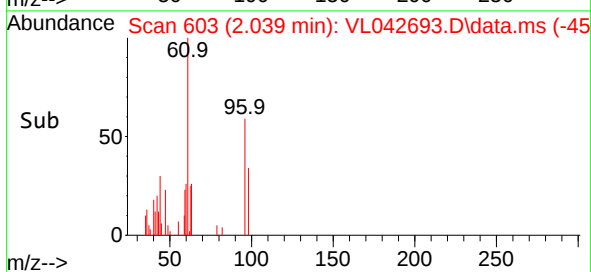
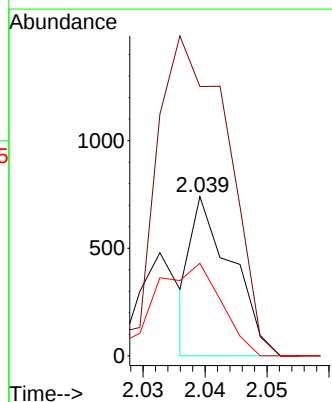
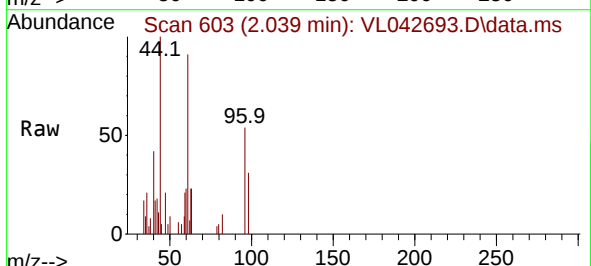
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.1

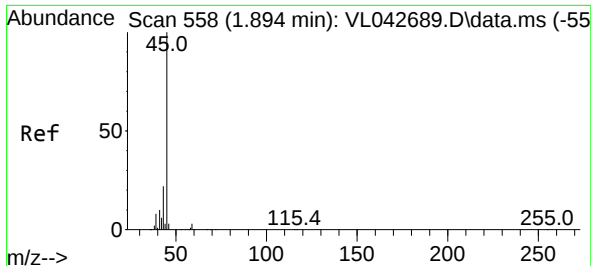
Tgt Ion: 59 Resp: 1228
Ion Ratio Lower Upper
59 100
57 20.1 8.8 13.2#



#18
1,1-Dichloroethene
Concen: 0.072 ppbv
RT: 2.039 min Scan# 603
Delta R.T. -0.003 min
Lab File: VL042693.D
Acq: 02 Jul 2025 10:34

Tgt Ion: 96 Resp: 333
Ion Ratio Lower Upper
96 100
61 169.1 151.0 226.6
98 58.1 49.0 73.4

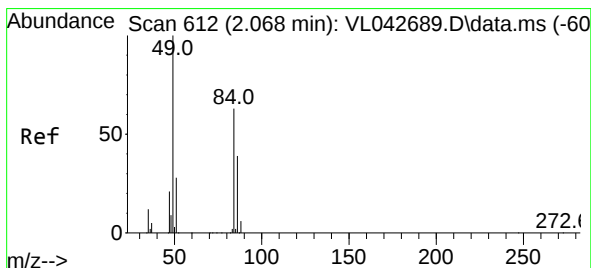
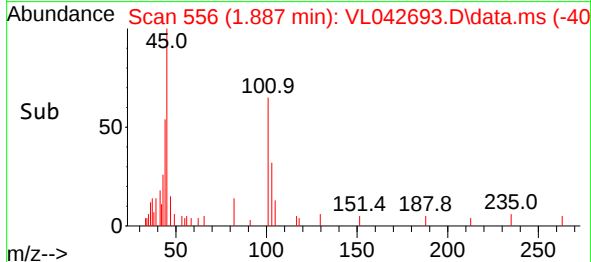
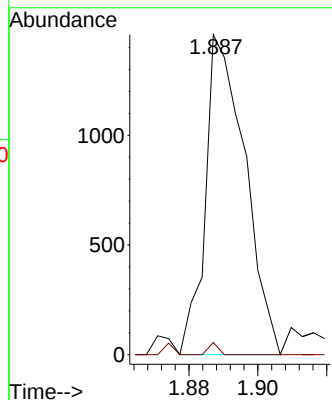
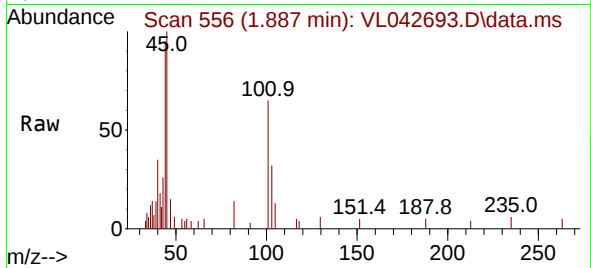




#19
Isopropyl Alcohol
Concen: 0.171 ppbv
RT: 1.887 min Scan# 511
Delta R.T. -0.007 min
Lab File: VL042693.D
Acq: 02 Jul 2025 10:34

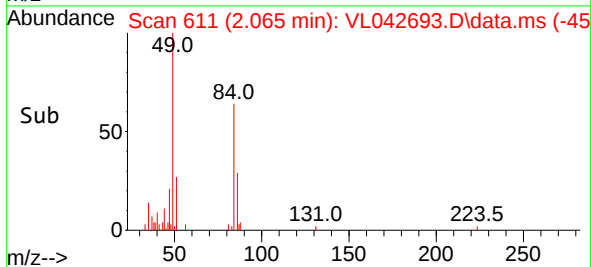
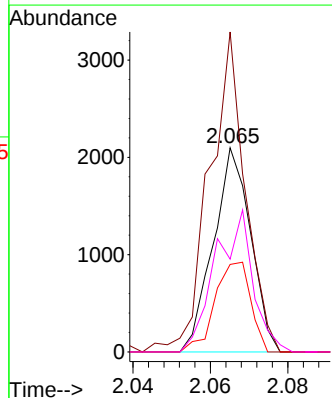
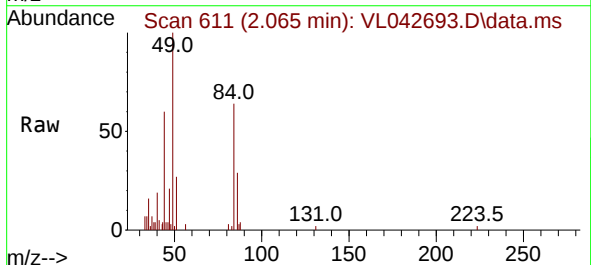
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.1

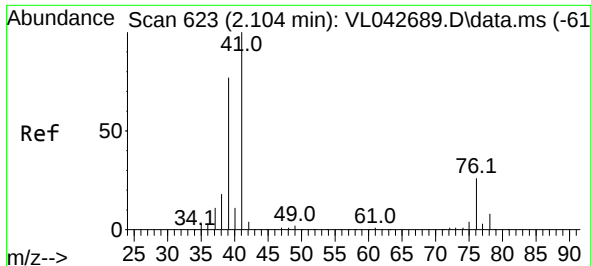
Tgt Ion: 45 Resp: 1161
Ion Ratio Lower Upper
45 100
58 41.6 1.4 2.2#



#20
Methylene Chloride
Concen: 0.312 ppbv
RT: 2.065 min Scan# 611
Delta R.T. -0.003 min
Lab File: VL042693.D
Acq: 02 Jul 2025 10:34

Tgt Ion: 84 Resp: 1404
Ion Ratio Lower Upper
84 100
49 156.8 128.6 193.0
51 42.9 37.4 56.2
86 45.5 49.2 73.8#

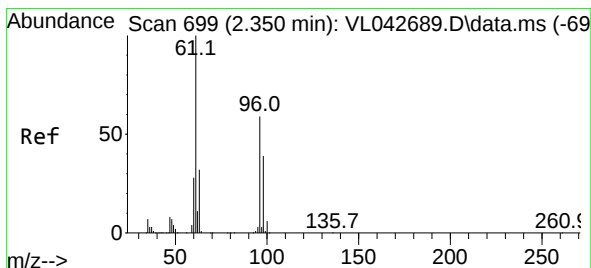
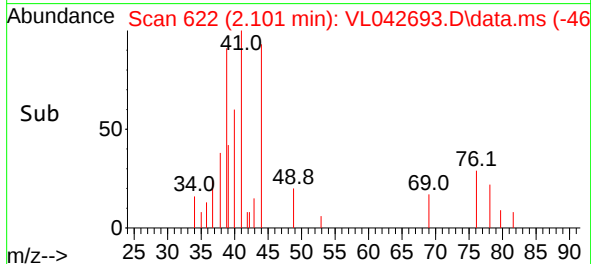
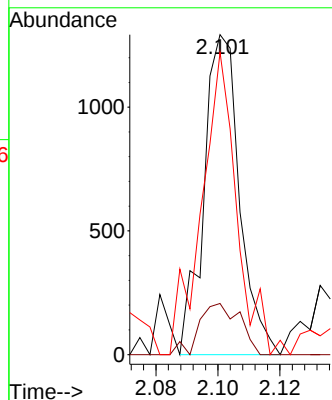
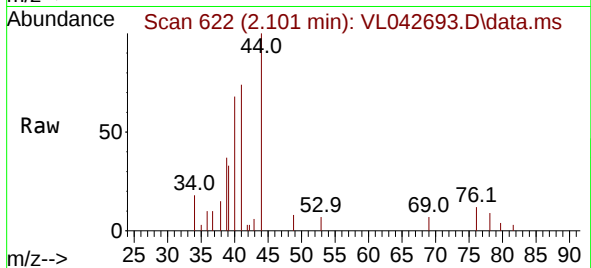




#21
 Allyl Chloride
 Concen: 0.126 ppbv
 RT: 2.101 min Scan# 61
 Delta R.T. -0.003 min
 Lab File: VL042693.D
 Acq: 02 Jul 2025 10:34

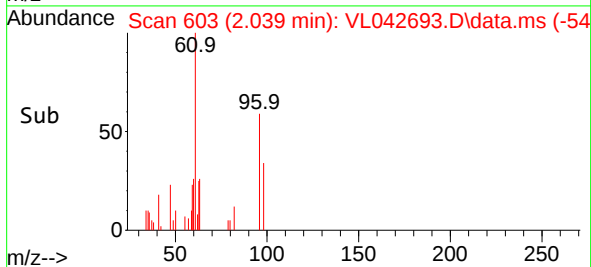
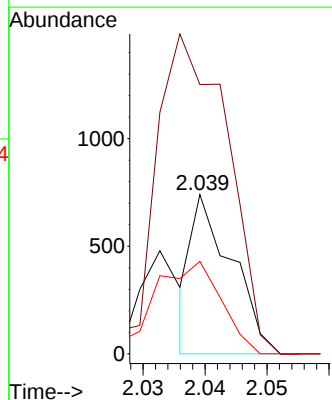
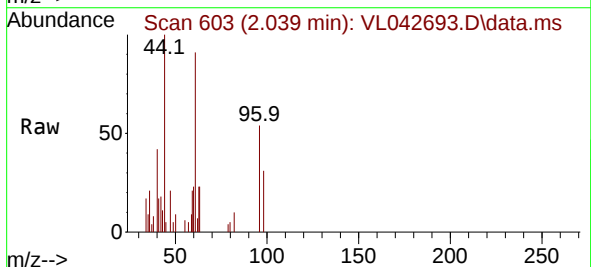
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.1

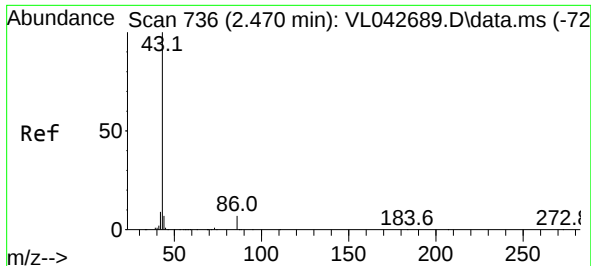
Tgt Ion: 41 Resp: 1039
 Ion Ratio Lower Upper
 41 100
 76 18.2 21.7 32.5#
 39 77.4 63.4 95.2



#22
 trans-1,2-Dichloroethene
 Concen: 0.066 ppbv
 RT: 2.039 min Scan# 603
 Delta R.T. -0.311 min
 Lab File: VL042693.D
 Acq: 02 Jul 2025 10:34

Tgt Ion: 96 Resp: 333
 Ion Ratio Lower Upper
 96 100
 61 169.1 136.5 204.7
 98 58.1 53.5 80.3

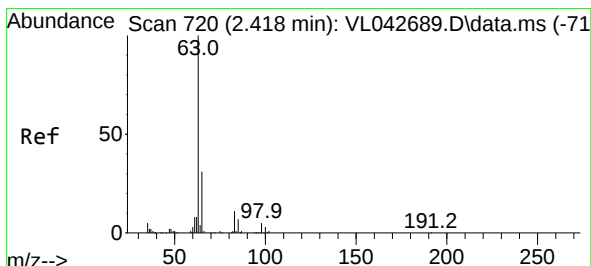
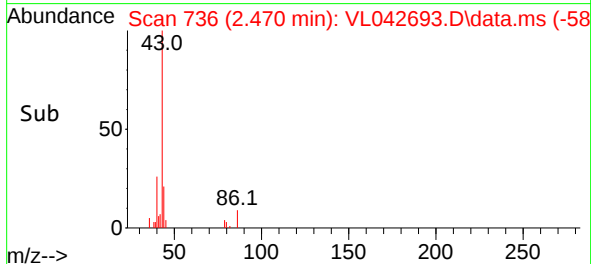
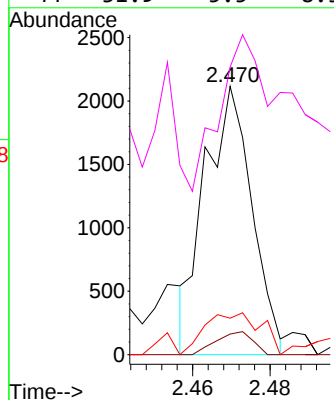
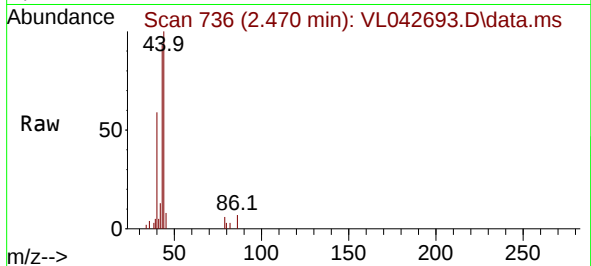




#23
 Vinyl Acetate
 Concen: 0.093 ppbv
 RT: 2.470 min Scan# 719
 Delta R.T. -0.000 min
 Lab File: VL042693.D
 Acq: 02 Jul 2025 10:34

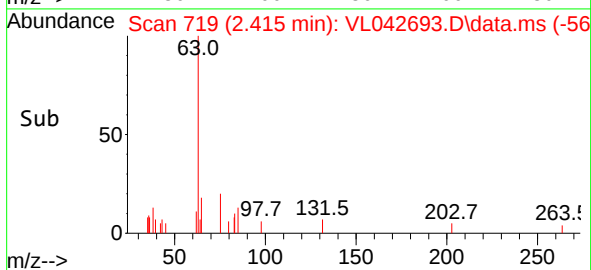
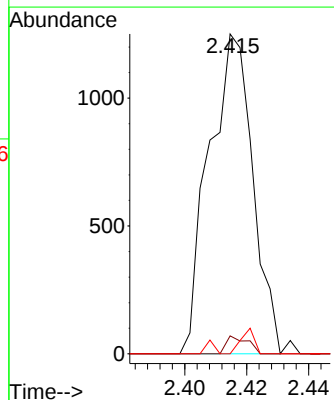
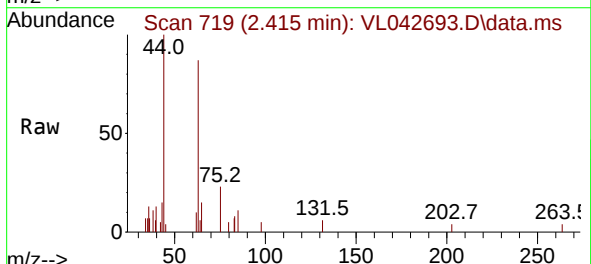
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDIC0.1

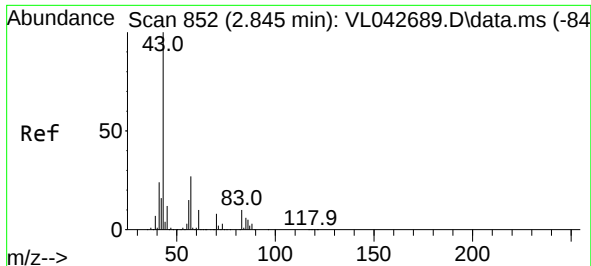
Tgt Ion: 43	Resp:	1781	
Ion	Ratio	Lower	Upper
43	100		
86	8.1	5.8	8.6
42	14.5	7.2	10.8#
44	31.9	5.5	8.3#



#24
 1,1-Dichloroethane
 Concen: 0.118 ppbv
 RT: 2.415 min Scan# 719
 Delta R.T. -0.003 min
 Lab File: VL042693.D
 Acq: 02 Jul 2025 10:34

Tgt Ion: 63	Resp:	1228	
Ion Ratio	Lower	Upper	
63 100			
98 5.6	2.5	7.6	
100 0.0	1.7	5.0#	

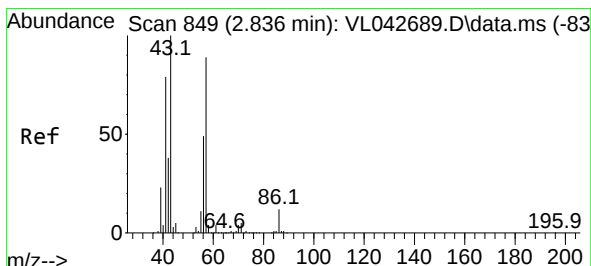
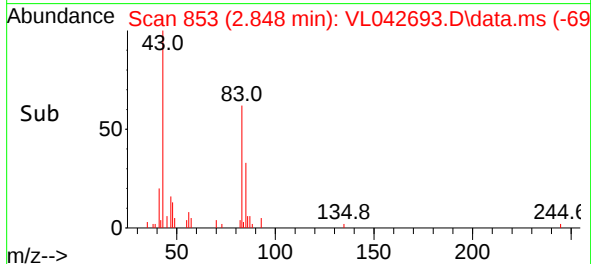
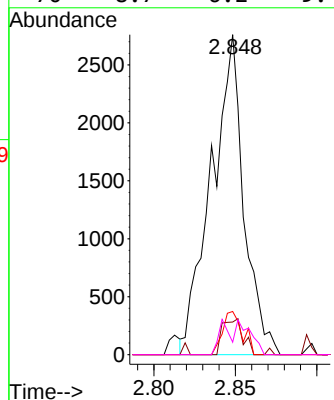
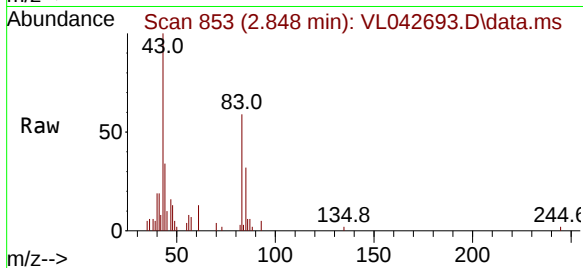




#25
Ethyl Acetate
Concen: 0.107 ppbv
RT: 2.848 min Scan# 81
Delta R.T. 0.003 min
Lab File: VL042693.D
Acq: 02 Jul 2025 10:34

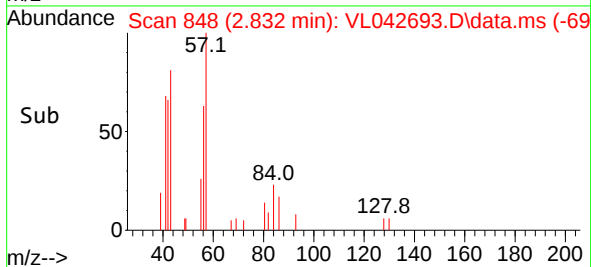
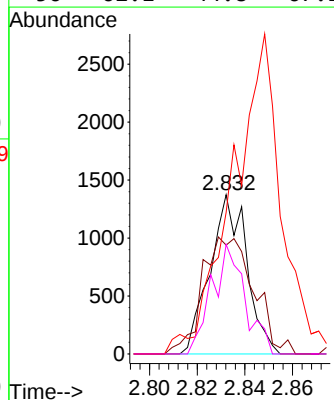
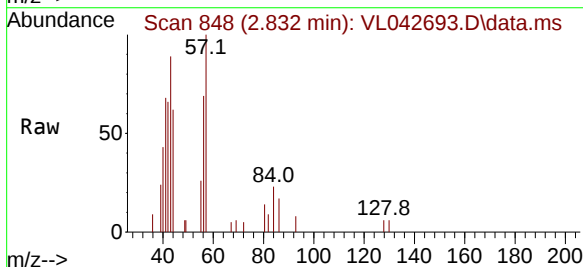
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.1

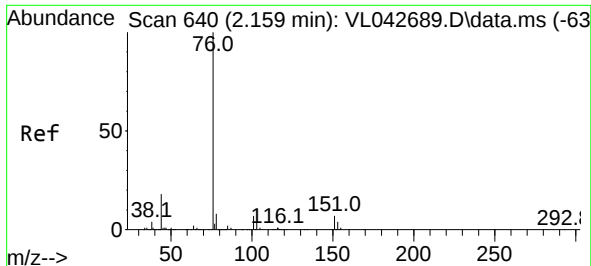
Tgt Ion:	43	Resp:	3828
Ion	Ratio	Lower	Upper
43	100		
45	7.8	8.1	12.1#
61	8.2	7.0	10.6
70	8.7	6.2	9.4



#26
Hexane
Concen: 0.099 ppbv
RT: 2.832 min Scan# 848
Delta R.T. -0.003 min
Lab File: VL042693.D
Acq: 02 Jul 2025 10:34

Tgt Ion:	57	Resp:	1471
Ion	Ratio	Lower	Upper
57	100		
41	103.3	73.7	110.5
43	265.9	190.6	285.8
56	62.1	44.8	67.2





#27

Carbon Disulfide

Concen: 0.109 ppbv

RT: 2.156 min Scan# 61

Delta R.T. -0.003 min

Lab File: VL042693.D

Acq: 02 Jul 2025 10:34

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.1

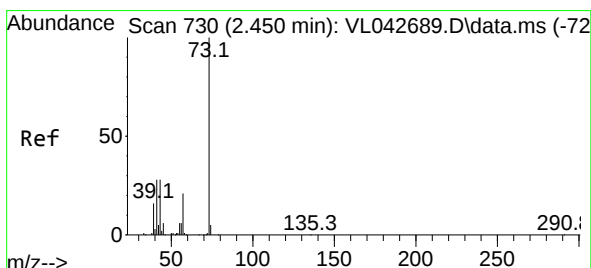
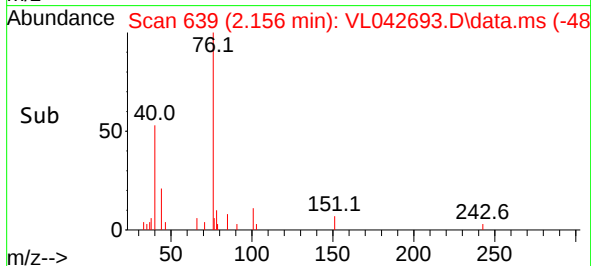
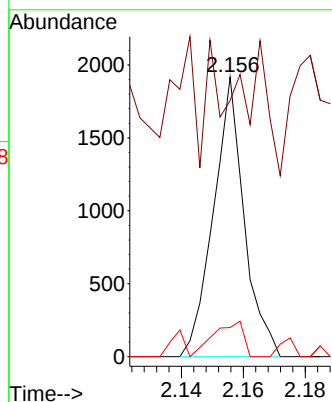
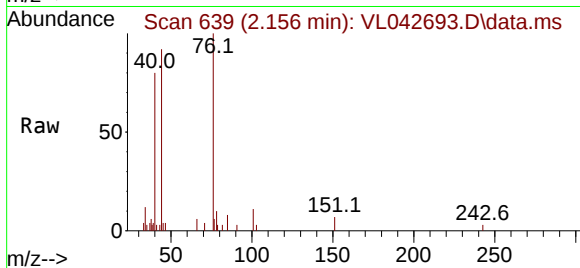
Tgt Ion: 76 Resp: 1317

Ion Ratio Lower Upper

76 100

44 119.6 15.6 23.4#

78 19.6 9.2 13.8#



#28

Methyl tert-Butyl Ether

Concen: 0.038 ppbv

RT: 2.450 min Scan# 730

Delta R.T. -0.000 min

Lab File: VL042693.D

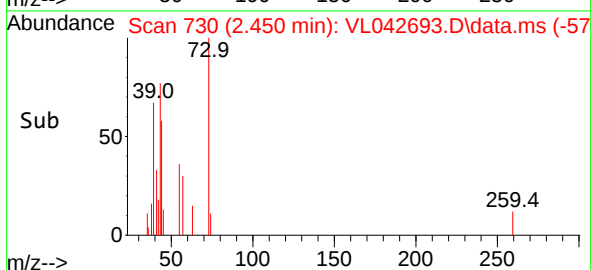
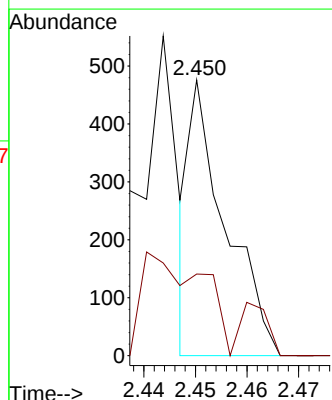
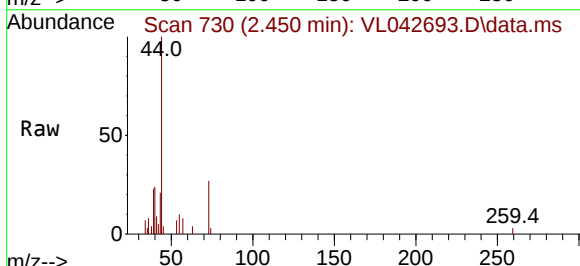
Acq: 02 Jul 2025 10:34

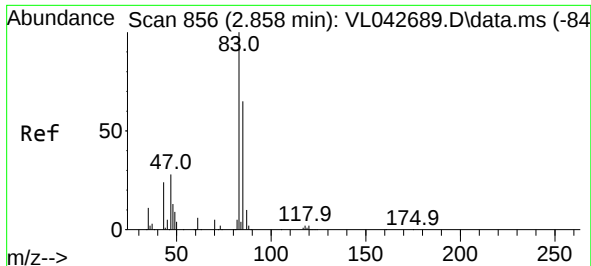
Tgt Ion: 73 Resp: 231

Ion Ratio Lower Upper

73 100

57 0.0 19.3 28.9#





#29

Chloroform

Concen: 0.117 ppbv

RT: 2.855 min Scan# 85

Delta R.T. -0.003 min

Lab File: VL042693.D

Acq: 02 Jul 2025 10:34

Instrument :

MSVOA_1

ClientSampleId :

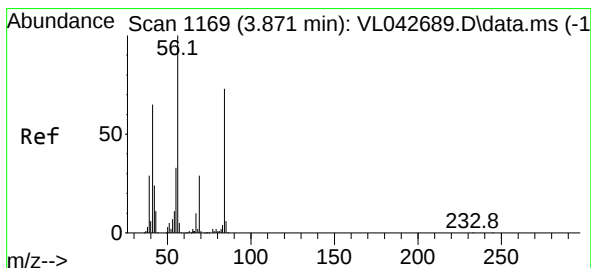
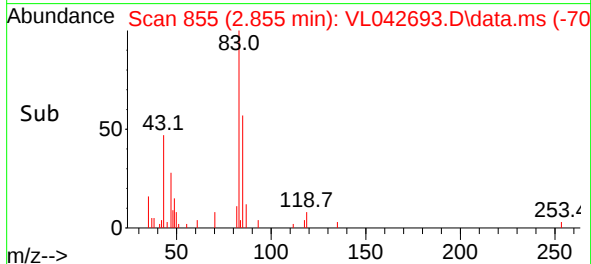
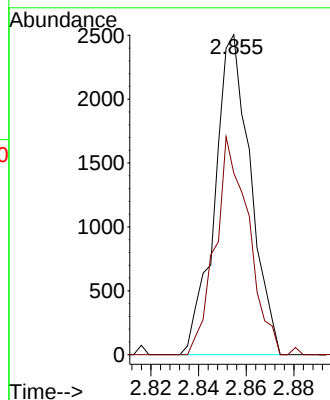
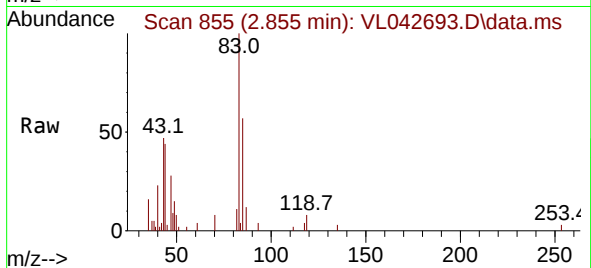
VSTDIC0.1

Tgt Ion: 83 Resp: 2620

Ion Ratio Lower Upper

83 100

85 54.5 52.4 78.6



#30

Cyclohexane

Concen: 0.047 ppbv

RT: 3.871 min Scan# 1169

Delta R.T. -0.000 min

Lab File: VL042693.D

Acq: 02 Jul 2025 10:34

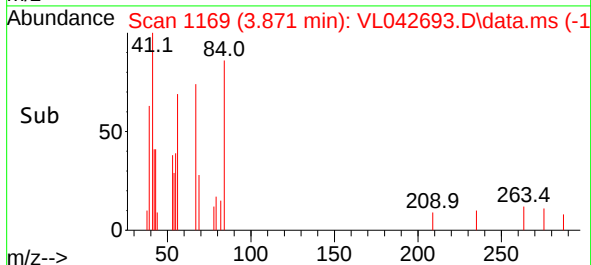
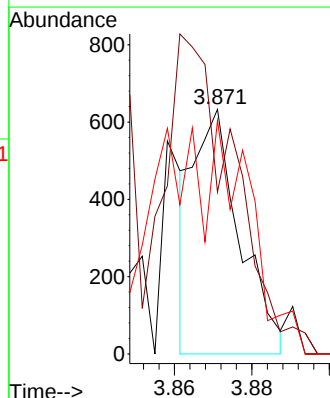
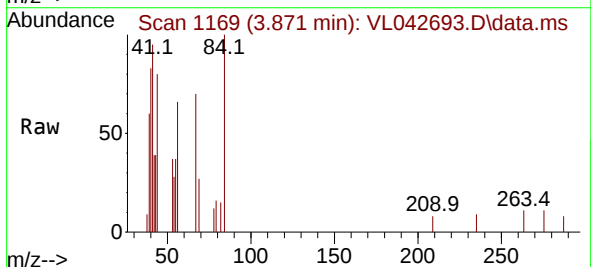
Tgt Ion: 84 Resp: 531

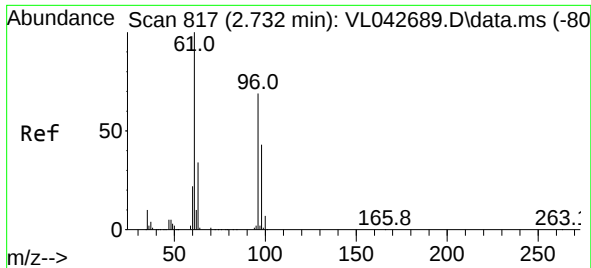
Ion Ratio Lower Upper

84 100

56 0.0 110.4 165.6#

41 196.6 71.4 107.0#

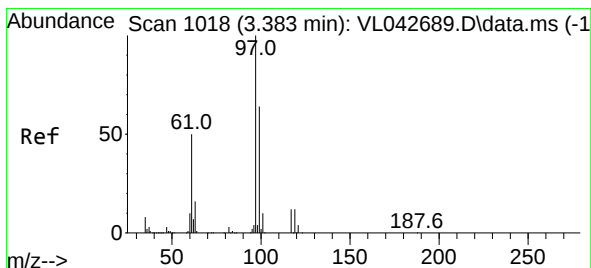
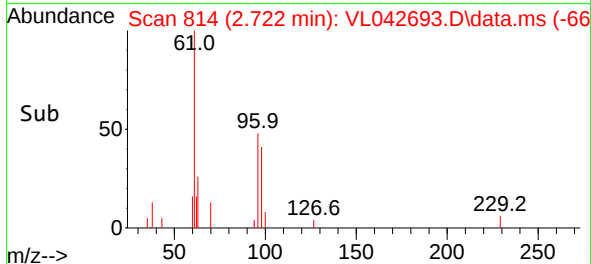
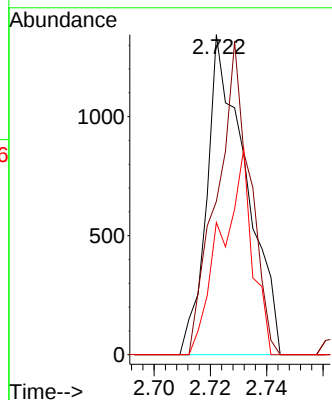
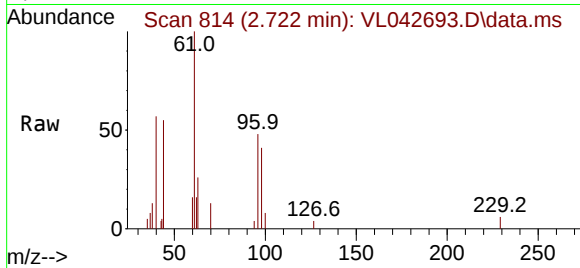




#31
 cis-1,2-Dichloroethene
 Concen: 0.091 ppbv
 RT: 2.722 min Scan# 817
 Delta R.T. -0.010 min
 Lab File: VL042693.D
 Acq: 02 Jul 2025 10:34

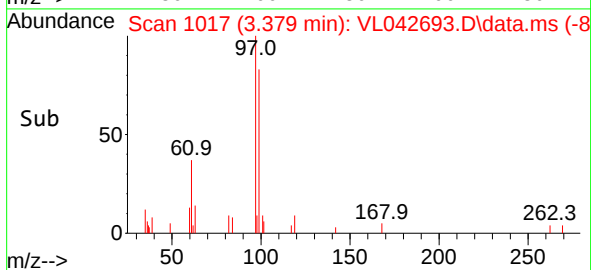
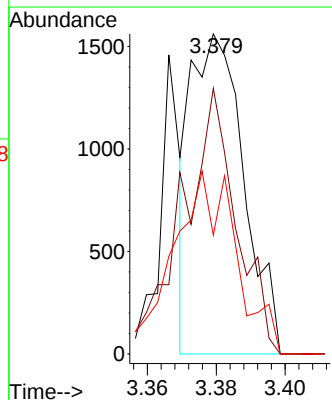
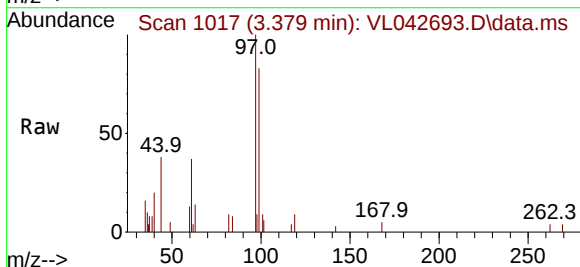
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDIC0.1

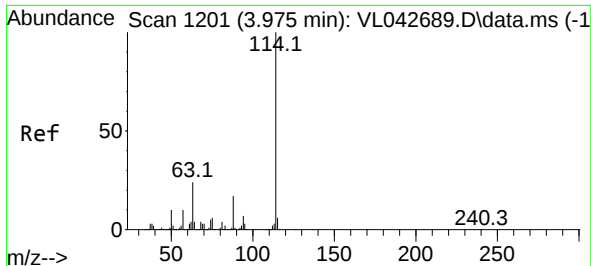
Tgt Ion: 61 Resp: 1293
 Ion Ratio Lower Upper
 61 100
 96 47.9 54.8 82.2#
 98 41.3 34.7 52.1



#32
 1,1,1-Trichloroethane
 Concen: 0.078 ppbv
 RT: 3.379 min Scan# 1017
 Delta R.T. -0.003 min
 Lab File: VL042693.D
 Acq: 02 Jul 2025 10:34

Tgt Ion: 97 Resp: 1669
 Ion Ratio Lower Upper
 97 100
 99 84.4 51.4 77.0#
 61 67.0 41.1 61.7#





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.968 min Scan# 1199

Delta R.T. -0.007 min

Lab File: VL042693.D

Acq: 02 Jul 2025 10:34

Instrument :

MSVOA_1

ClientSampleId :

VSTDIC0.1

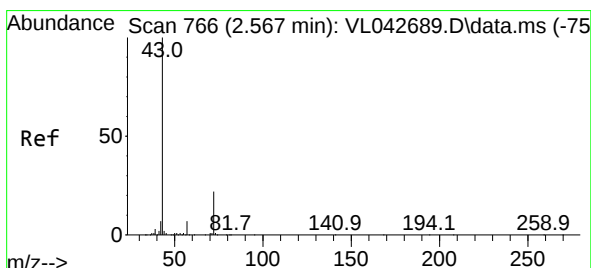
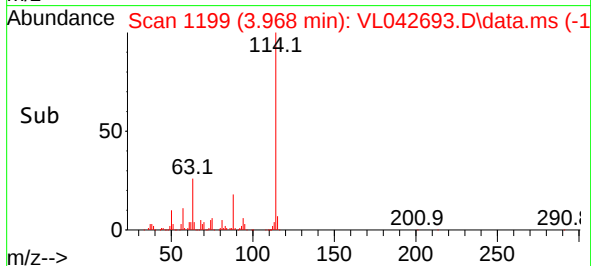
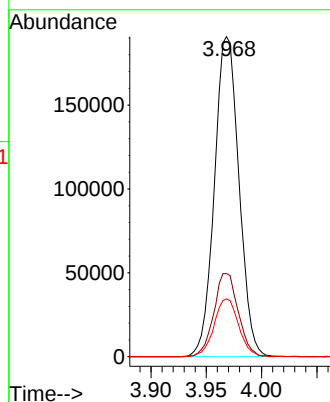
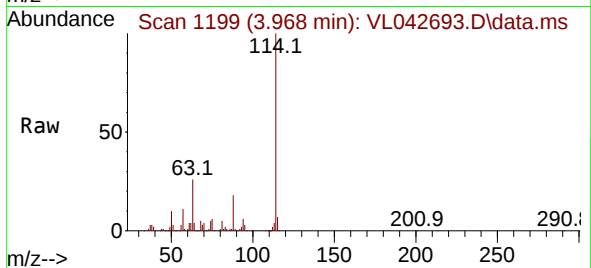
Tgt Ion:114 Resp: 294228

Ion Ratio Lower Upper

114 100

63 26.0 20.4 30.6

88 18.1 14.2 21.2



#34

2-Butanone

Concen: 0.113 ppbv

RT: 2.570 min Scan# 767

Delta R.T. 0.003 min

Lab File: VL042693.D

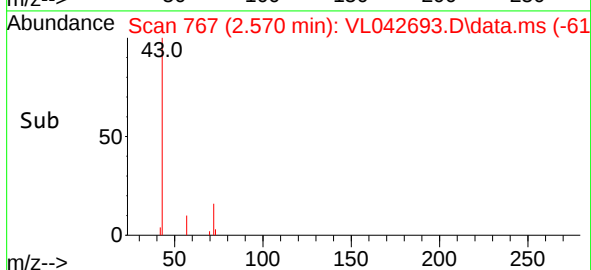
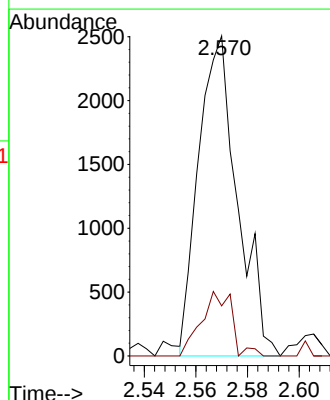
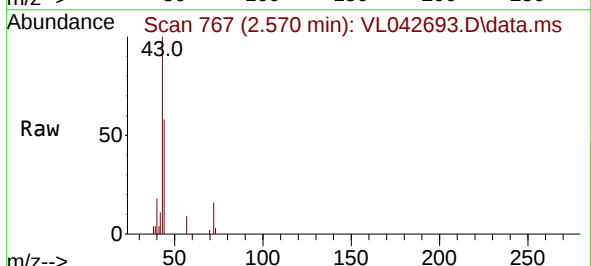
Acq: 02 Jul 2025 10:34

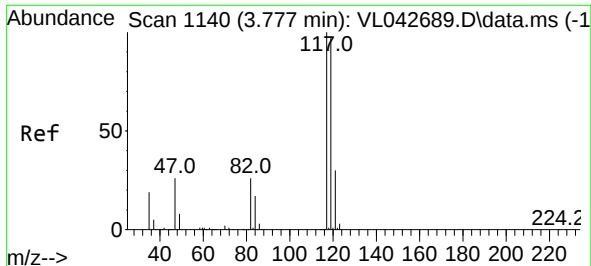
Tgt Ion: 43 Resp: 2630

Ion Ratio Lower Upper

43 100

72 15.9 17.1 25.7#

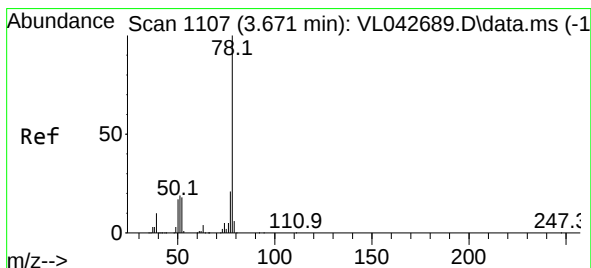
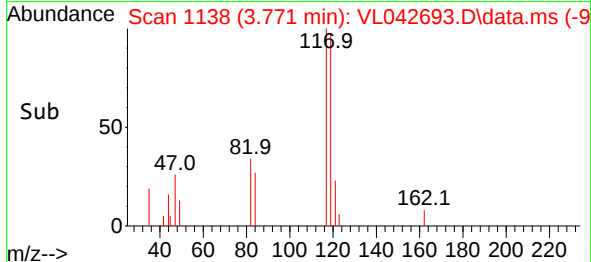
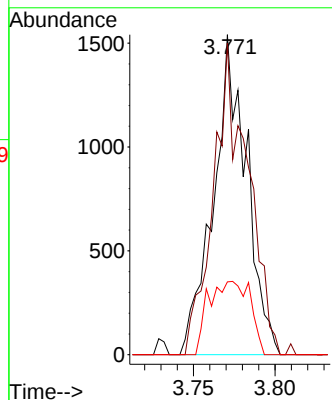
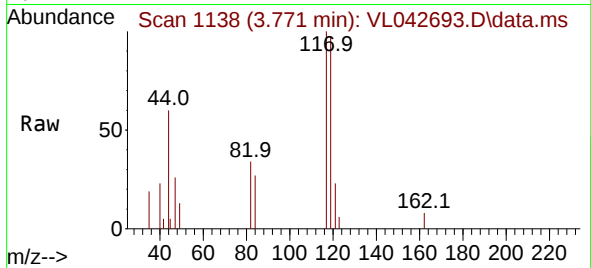




#35
Carbon Tetrachloride
Concen: 0.106 ppbv
RT: 3.771 min Scan# 1140
Delta R.T. -0.007 min
Lab File: VL042693.D
Acq: 02 Jul 2025 10:34

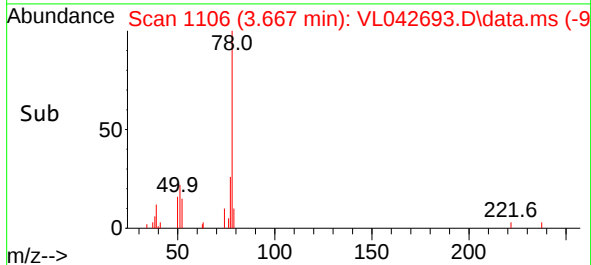
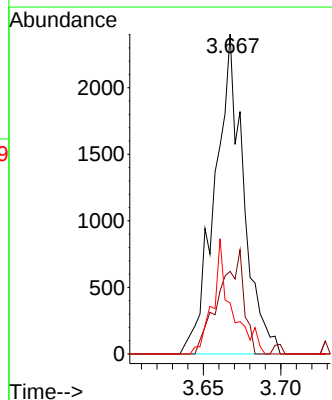
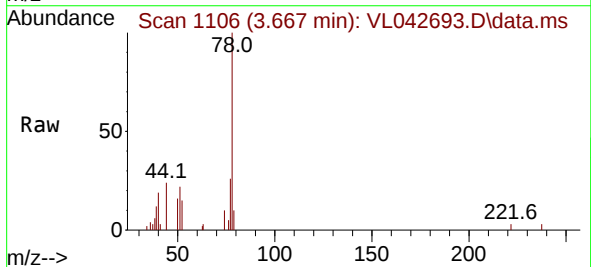
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.1

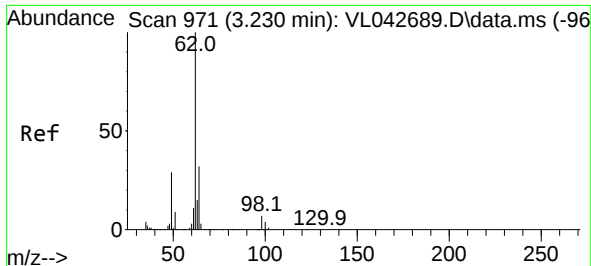
Tgt Ion:117 Resp: 2173
Ion Ratio Lower Upper
117 100
119 97.4 77.6 116.4
121 22.8 24.0 36.0#



#36
Benzene
Concen: 0.104 ppbv
RT: 3.667 min Scan# 1106
Delta R.T. -0.003 min
Lab File: VL042693.D
Acq: 02 Jul 2025 10:34

Tgt Ion: 78 Resp: 3087
Ion Ratio Lower Upper
78 100
77 25.8 17.0 25.4#
50 15.9 13.7 20.5





#37

1,2-Dichloroethane

Concen: 0.070 ppbv

RT: 3.224 min Scan# 9

Delta R.T. -0.007 min

Lab File: VL042693.D

Acq: 02 Jul 2025 10:34

Instrument :

MSVOA_1

ClientSampleId :

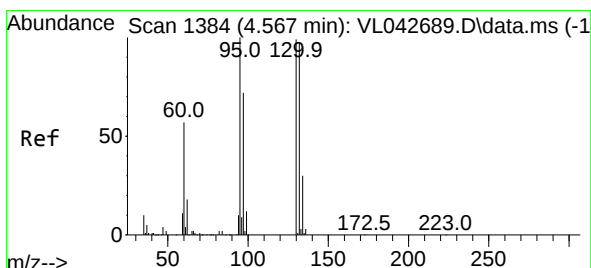
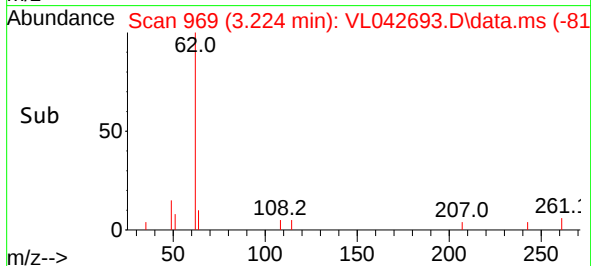
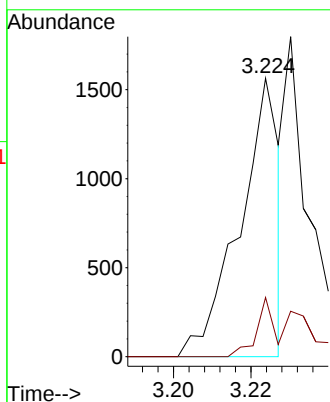
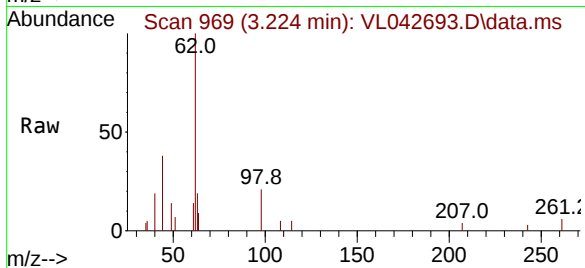
VSTDIC0.1

Tgt Ion: 62 Resp: 1109

Ion Ratio Lower Upper

62 100

98 20.4 5.8 8.8#



#38

Trichloroethene

Concen: 0.055 ppbv

RT: 4.557 min Scan# 1381

Delta R.T. -0.010 min

Lab File: VL042693.D

Acq: 02 Jul 2025 10:34

Tgt Ion:130 Resp: 707

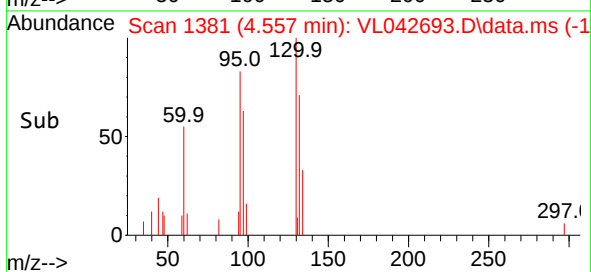
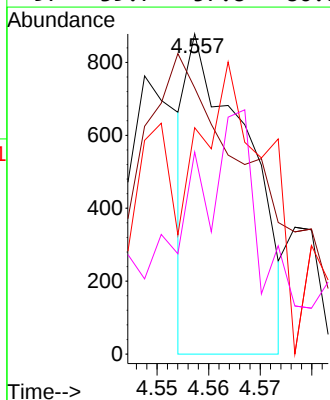
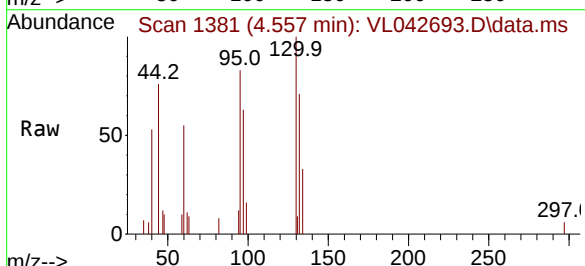
Ion Ratio Lower Upper

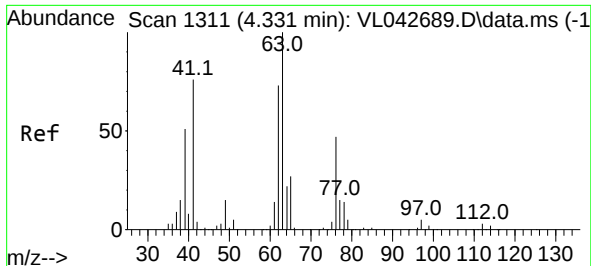
130 100

95 52.5 81.1 121.7#

132 41.8 77.9 116.9#

97 39.7 57.8 86.8#





#39

1,2-Dichloropropane

Concen: 0.085 ppbv

RT: 4.321 min Scan# 1311

Delta R.T. -0.010 min

Lab File: VL042693.D

Acq: 02 Jul 2025 10:34

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.1

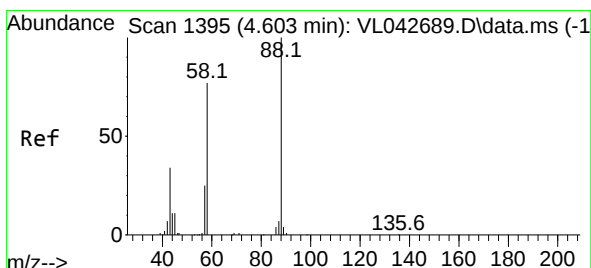
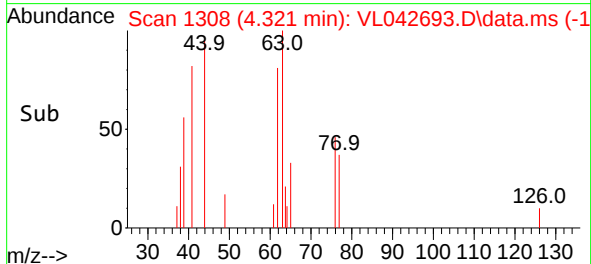
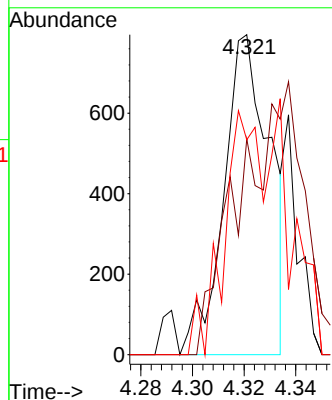
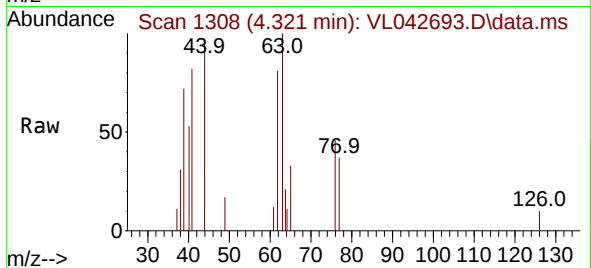
Tgt Ion: 63 Resp: 984

Ion Ratio Lower Upper

63 100

41 67.4 60.8 91.2

62 67.2 58.6 87.8



#40

1,4-Dioxane

Concen: 0.014 ppbv

RT: 4.616 min Scan# 1399

Delta R.T. 0.013 min

Lab File: VL042693.D

Acq: 02 Jul 2025 10:34

Tgt Ion: 88 Resp: 62

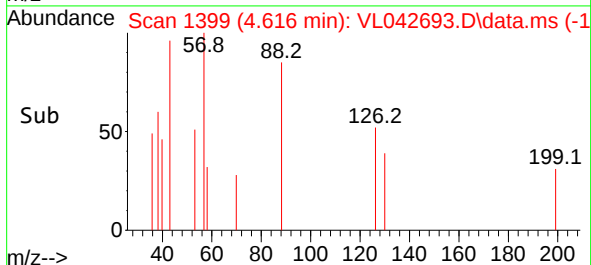
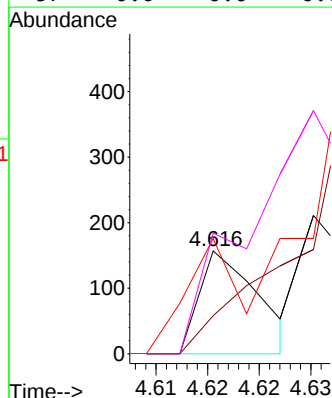
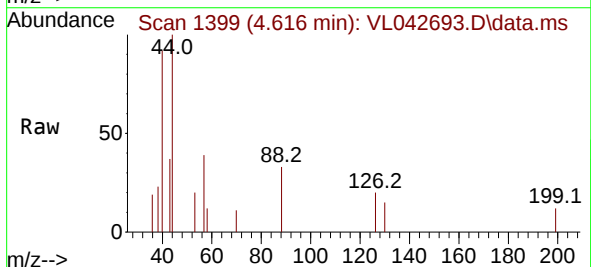
Ion Ratio Lower Upper

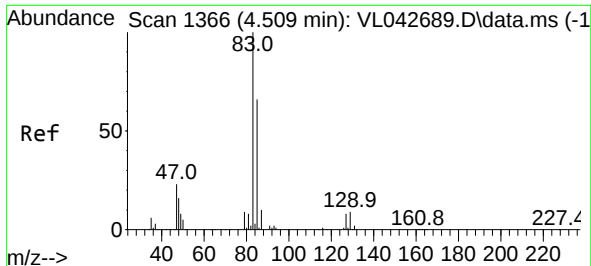
88 100

58 0.0 62.1 93.1#

43 0.0 26.2 39.2#

57 0.0 0.0 0.0

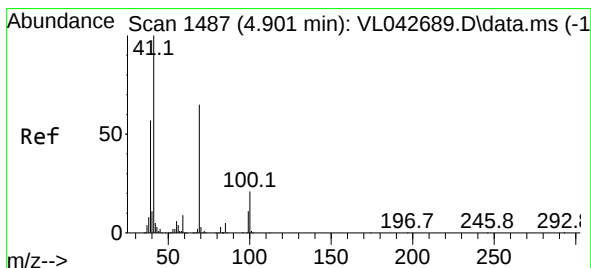
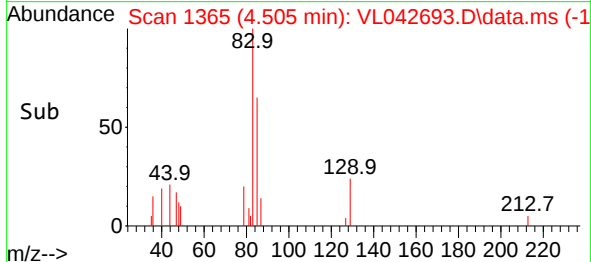
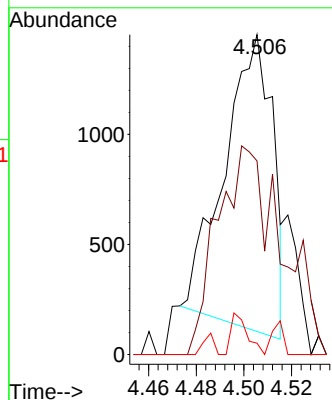
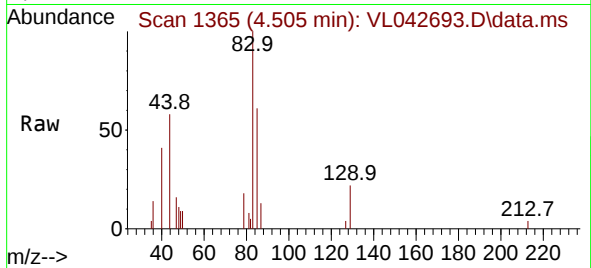




#42
 Bromodichloromethane
 Concen: 0.084 ppbv
 RT: 4.505 min Scan# 11
 Delta R.T. -0.003 min
 Lab File: VL042693.D
 Acq: 02 Jul 2025 10:34

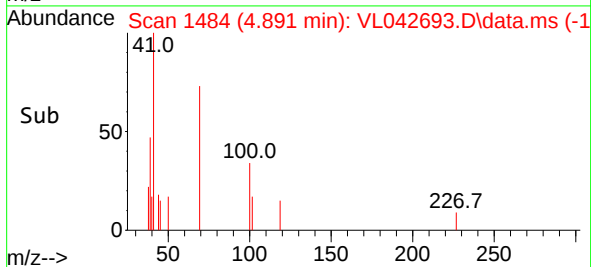
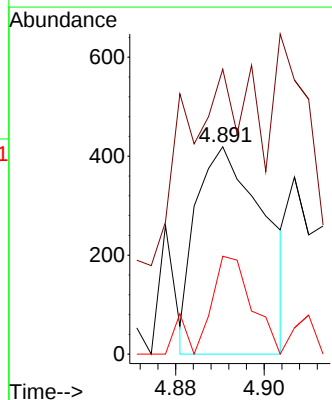
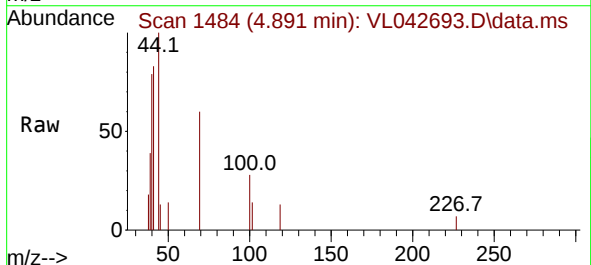
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.1

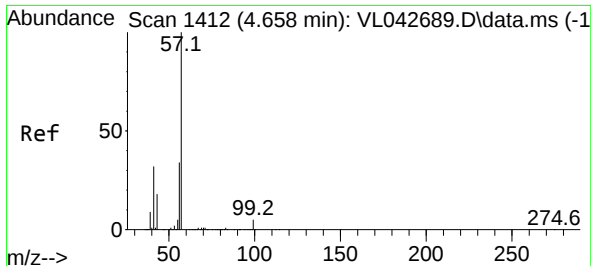
Tgt Ion: 83 Resp: 1875
 Ion Ratio Lower Upper
 83 100
 85 71.4 52.5 78.7
 127 4.2 6.1 9.1#



#43
 Methyl Methacrylate
 Concen: 0.047 ppbv
 RT: 4.891 min Scan# 1484
 Delta R.T. -0.010 min
 Lab File: VL042693.D
 Acq: 02 Jul 2025 10:34

Tgt Ion: 69 Resp: 446
 Ion Ratio Lower Upper
 69 100
 41 0.0 125.4 188.2#
 100 36.5 26.4 39.6

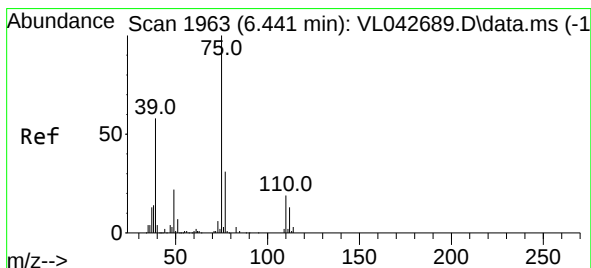
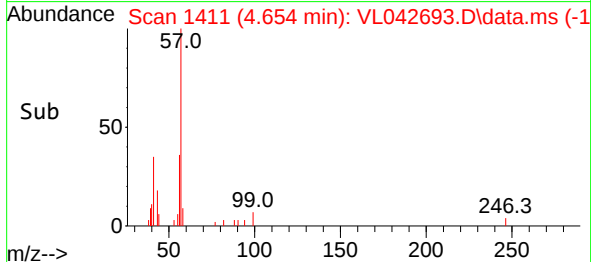
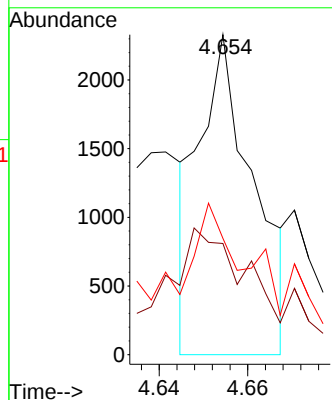
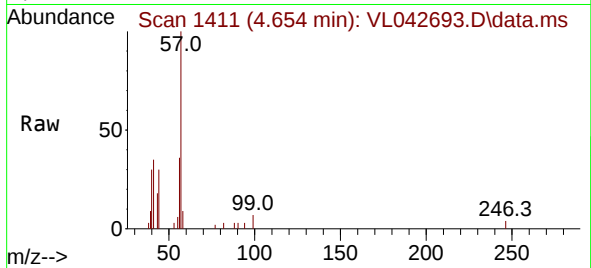




#44
2,2,4-Trimethylpentane
Concen: 0.040 ppbv
RT: 4.654 min Scan# 1411
Delta R.T. -0.003 min
Lab File: VL042693.D
Acq: 02 Jul 2025 10:34

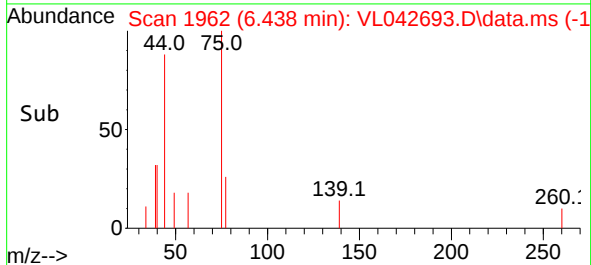
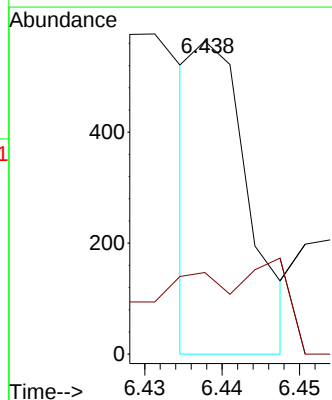
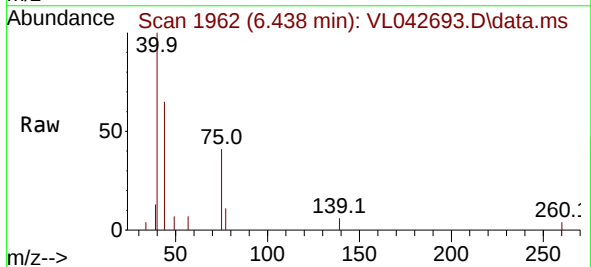
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.1

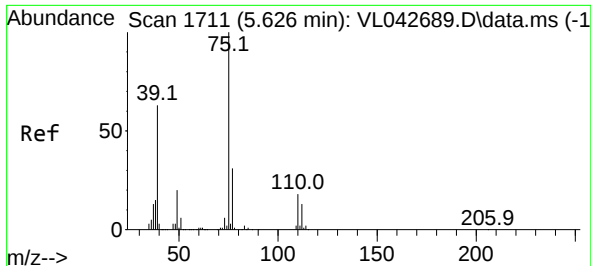
Tgt Ion: 57 Resp: 1981
Ion Ratio Lower Upper
57 100
41 80.9 25.2 37.8#
56 89.6 26.3 39.5#



#45
t-1,3-Dichloropropene
Concen: 0.027 ppbv
RT: 6.438 min Scan# 1962
Delta R.T. -0.003 min
Lab File: VL042693.D
Acq: 02 Jul 2025 10:34

Tgt Ion: 75 Resp: 274
Ion Ratio Lower Upper
75 100
77 26.1 25.0 37.4

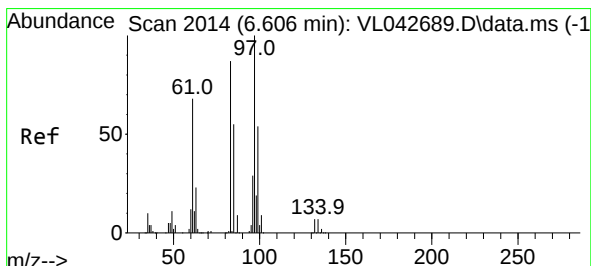
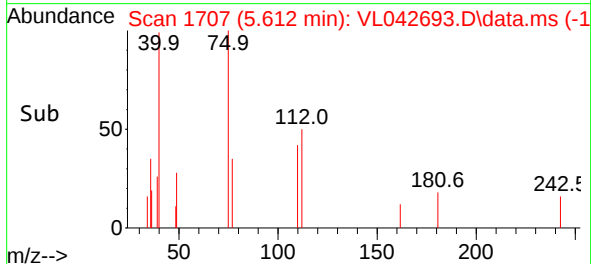
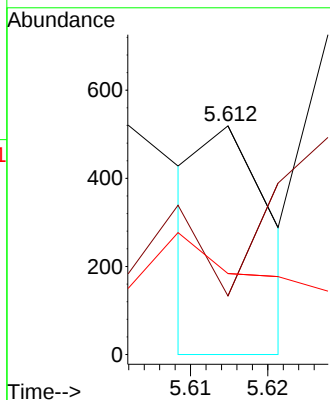
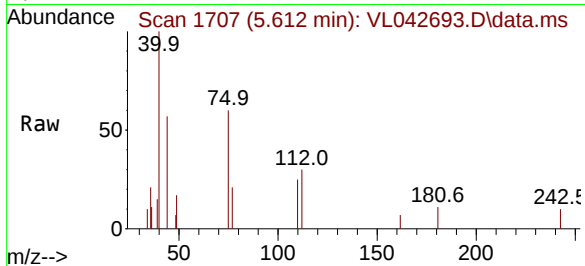




#46
 cis-1,3-Dichloropropene
 Concen: 0.011 ppbv
 RT: 5.612 min Scan# 11
 Delta R.T. -0.013 min
 Lab File: VL042693.D
 Acq: 02 Jul 2025 10:34

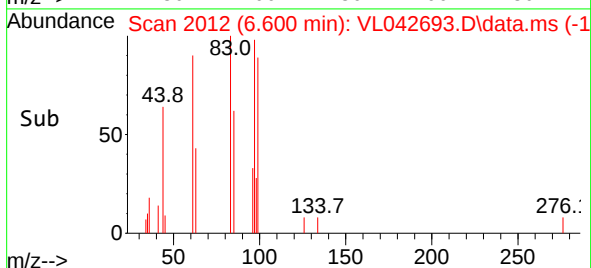
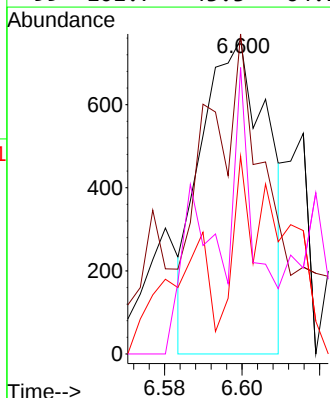
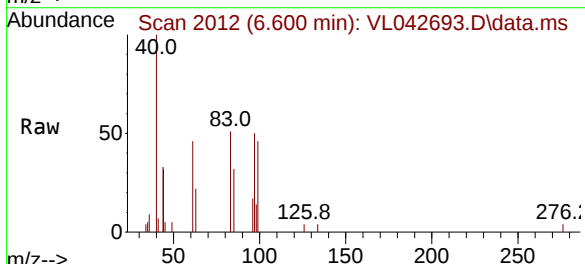
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDIC0.1

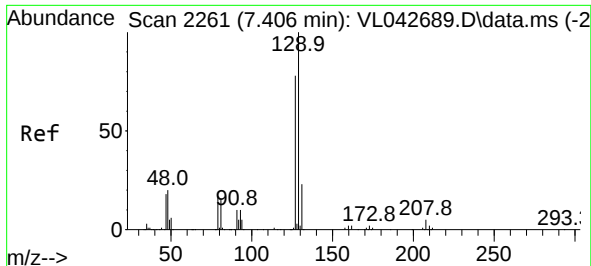
Tgt Ion: 75 Resp: 157
 Ion Ratio Lower Upper
 75 100
 39 0.0 50.6 75.8#
 77 3.0 24.8 37.2#



#47
 1,1,2-Trichloroethane
 Concen: 0.079 ppbv
 RT: 6.600 min Scan# 2012
 Delta R.T. -0.007 min
 Lab File: VL042693.D
 Acq: 02 Jul 2025 10:34

Tgt Ion: 97 Resp: 904
 Ion Ratio Lower Upper
 97 100
 83 108.2 69.3 103.9#
 85 60.4 43.7 65.5
 99 101.7 43.3 64.9#

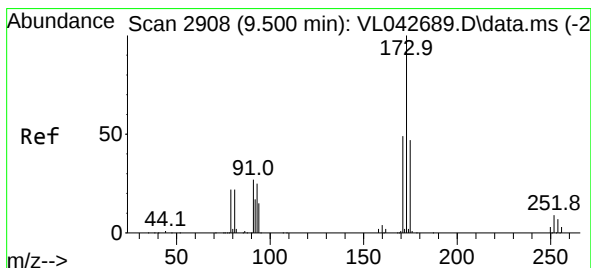
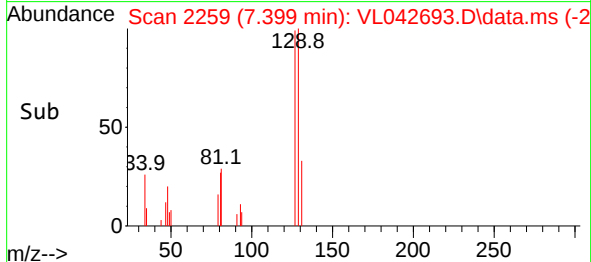
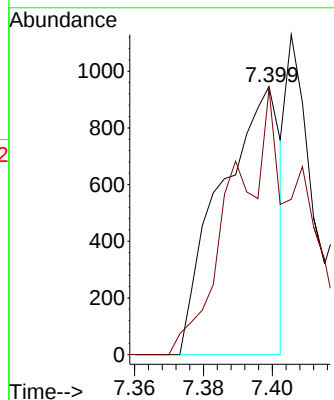
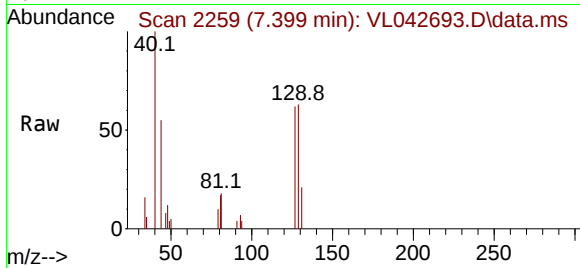




#48
Dibromochloromethane
Concen: 0.065 ppbv
RT: 7.399 min Scan# 211
Delta R.T. -0.007 min
Lab File: VL042693.D
Acq: 02 Jul 2025 10:34

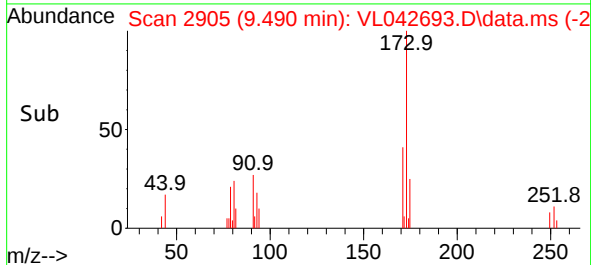
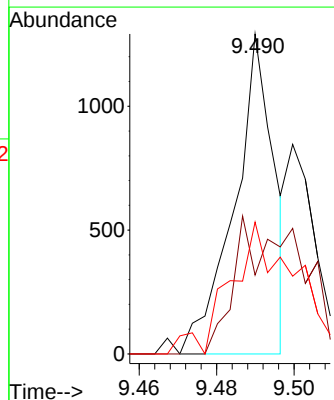
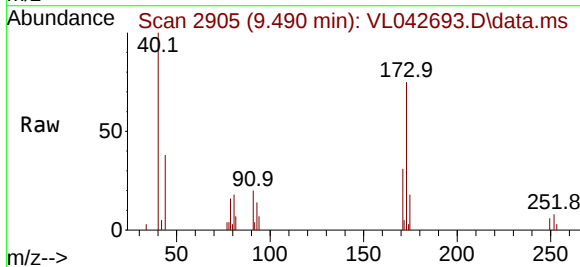
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.1

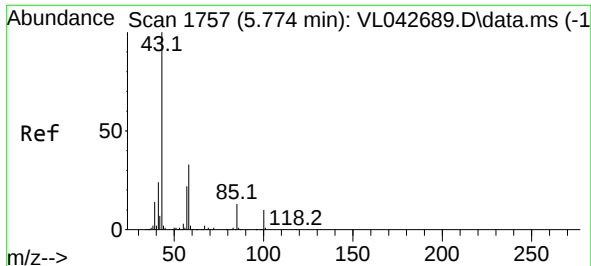
Tgt Ion:129 Resp: 1137
Ion Ratio Lower Upper
129 100
127 118.4 38.3 114.8#



#49
Bromoform
Concen: 0.061 ppbv
RT: 9.490 min Scan# 2905
Delta R.T. -0.010 min
Lab File: VL042693.D
Acq: 02 Jul 2025 10:34

Tgt Ion:173 Resp: 914
Ion Ratio Lower Upper
173 100
175 70.0 38.6 57.8#
171 71.6 40.3 60.5#





#50

4-Methyl-2-Pentanone

Concen: 0.014 ppbv

RT: 5.774 min Scan# 1

Delta R.T. -0.000 min

Lab File: VL042693.D

Acq: 02 Jul 2025 10:34

Instrument :

MSVOA_L

ClientSampleId :

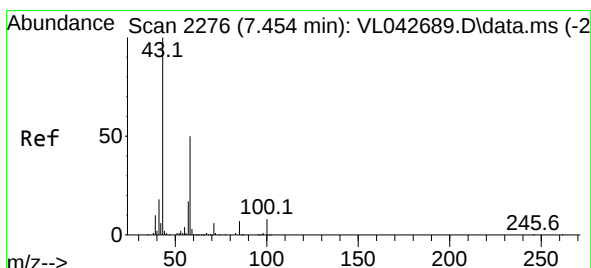
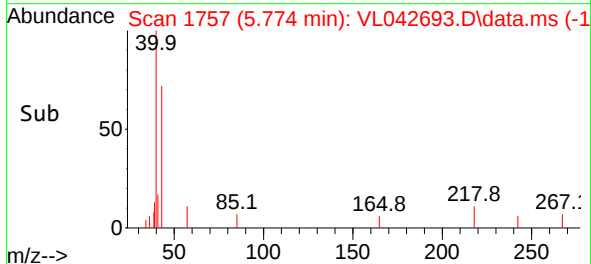
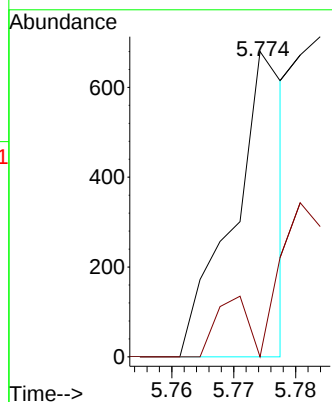
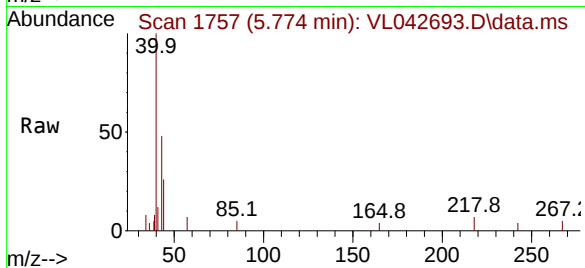
VSTDIC0.1

Tgt Ion: 43 Resp: 393

Ion Ratio Lower Upper

43 100

58 0.0 27.5 41.3#



#51

2-Hexanone

Concen: 0.017 ppbv

RT: 7.454 min Scan# 2276

Delta R.T. -0.000 min

Lab File: VL042693.D

Acq: 02 Jul 2025 10:34

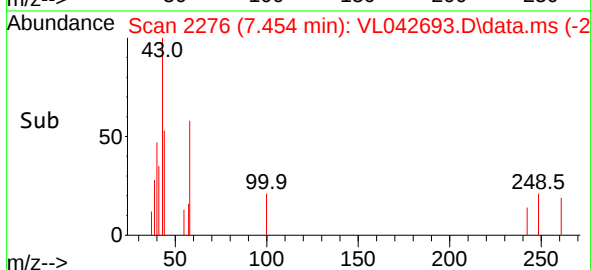
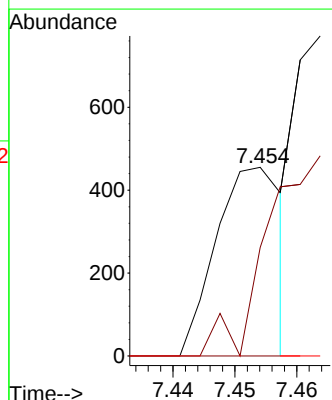
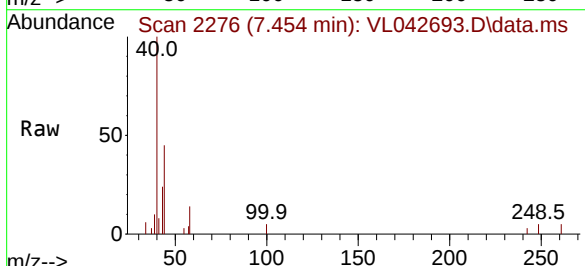
Tgt Ion: 43 Resp: 340

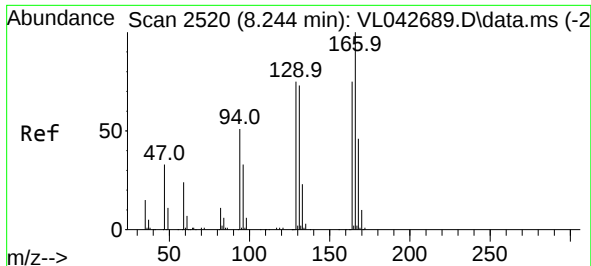
Ion Ratio Lower Upper

43 100

58 0.0 38.6 57.8#

98 0.0 0.6 1.0#

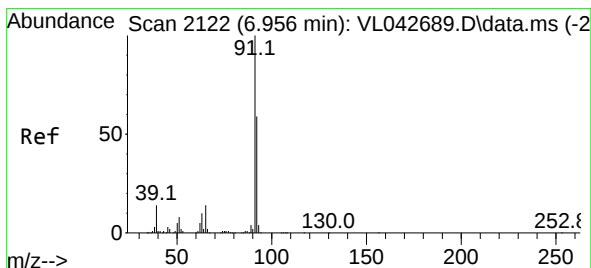
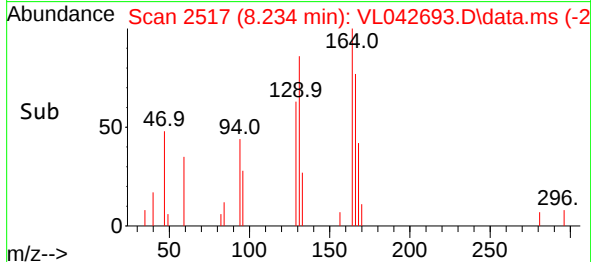
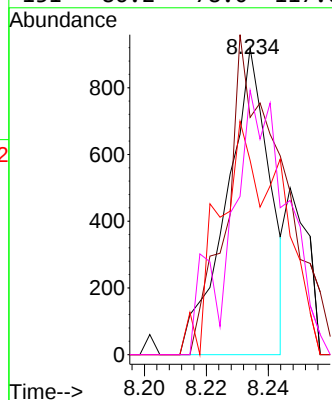
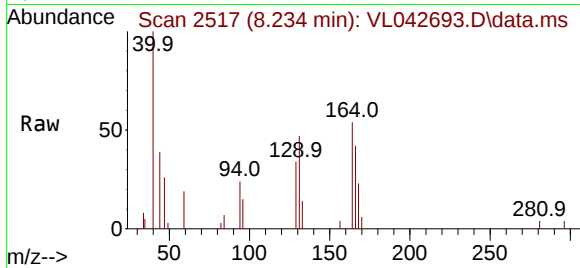




#52
Tetrachloroethene
Concen: 0.089 ppbv
RT: 8.234 min Scan# 2116
Delta R.T. -0.010 min
Lab File: VL042693.D
Acq: 02 Jul 2025 10:34

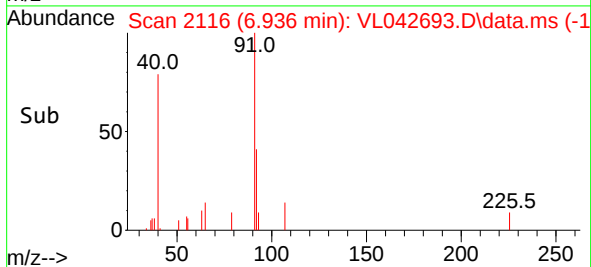
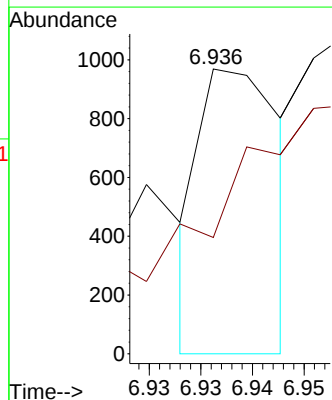
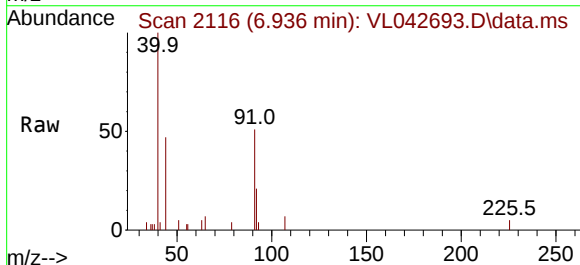
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.1

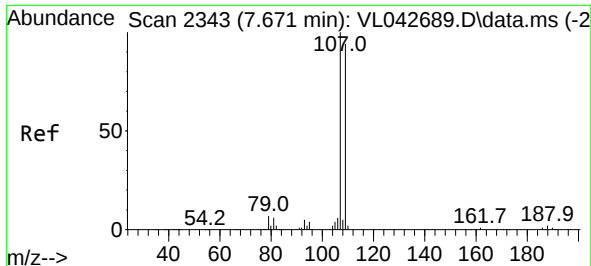
Tgt Ion:164 Resp: 886
Ion Ratio Lower Upper
164 100
166 77.4 106.6 160.0#
129 63.3 79.8 119.6#
131 86.2 78.0 117.0



#53
Toluene
Concen: 0.019 ppbv
RT: 6.936 min Scan# 2116
Delta R.T. -0.020 min
Lab File: VL042693.D
Acq: 02 Jul 2025 10:34

Tgt Ion: 91 Resp: 528
Ion Ratio Lower Upper
91 100
92 0.0 47.4 71.2#





#54

1,2-Dibromoethane

Concen: 0.089 ppbv

RT: 7.664 min Scan# 21

Delta R.T. -0.007 min

Lab File: VL042693.D

Acq: 02 Jul 2025 10:34

Instrument :

MSVOA_L

ClientSampleId :

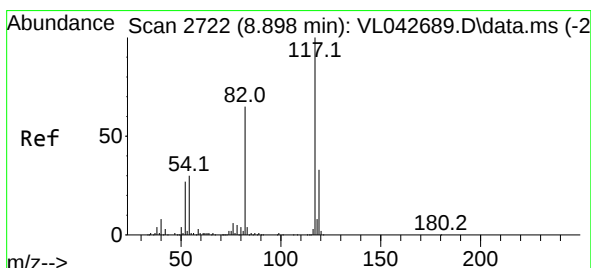
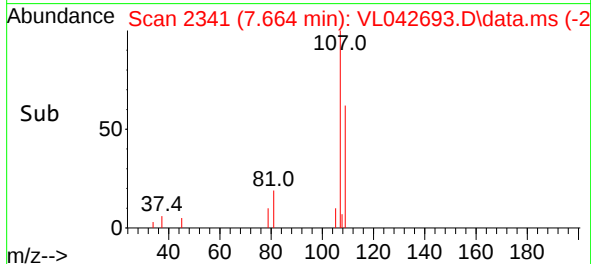
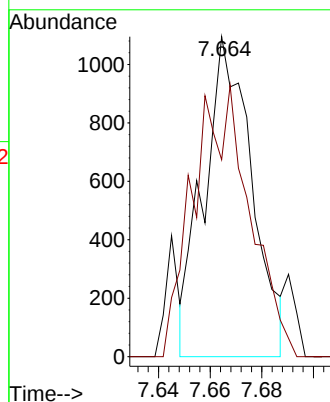
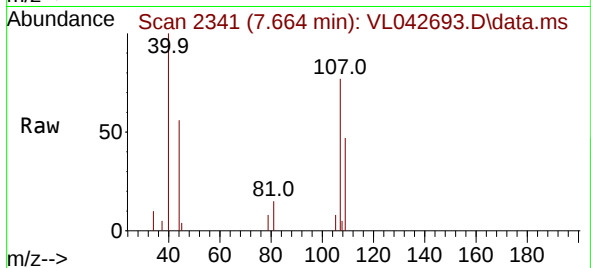
VSTDIC0.1

Tgt Ion:107 Resp: 1407

Ion Ratio Lower Upper

107 100

109 55.2 74.8 112.2#



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 8.891 min Scan# 2720

Delta R.T. -0.007 min

Lab File: VL042693.D

Acq: 02 Jul 2025 10:34

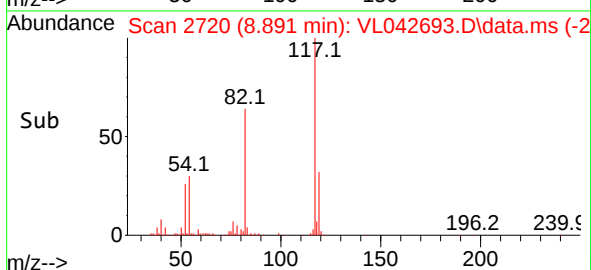
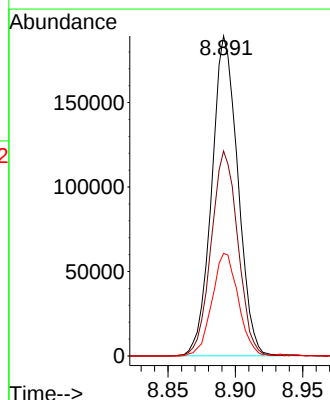
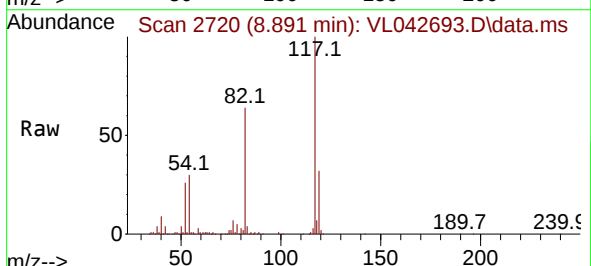
Tgt Ion:117 Resp: 255724

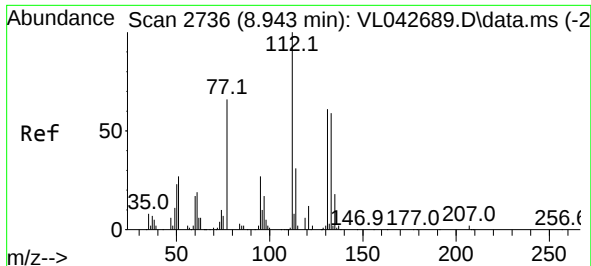
Ion Ratio Lower Upper

117 100

82 65.5 53.4 80.2

119 32.6 26.6 39.8

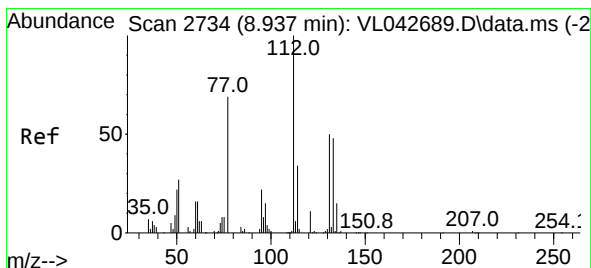
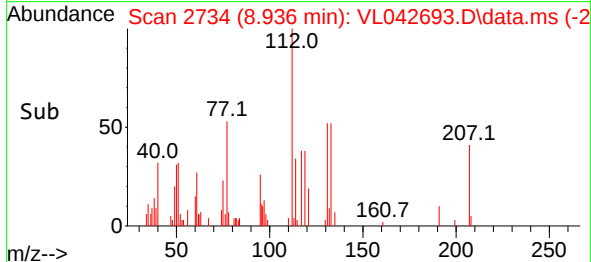
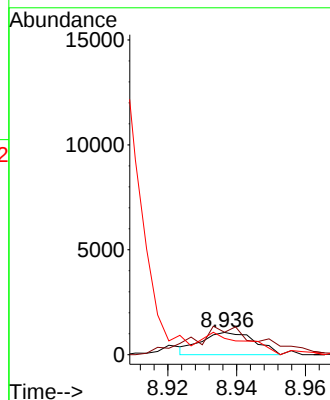
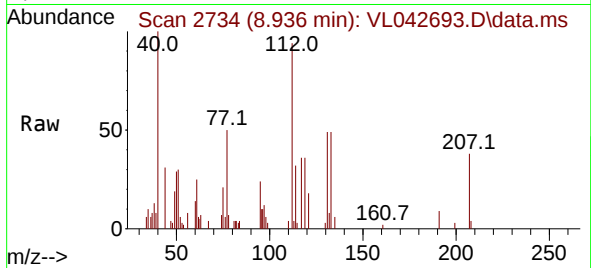




#56
1,1,1,2-Tetrachloroethane
Concen: 0.083 ppbv
RT: 8.936 min Scan# 21
Delta R.T. -0.007 min
Lab File: VL042693.D
Acq: 02 Jul 2025 10:34

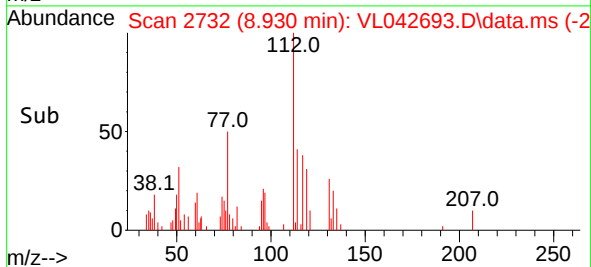
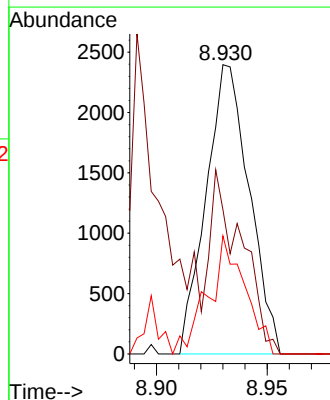
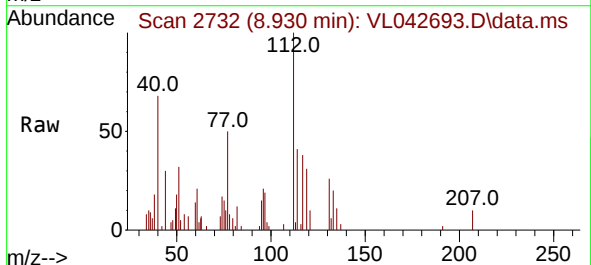
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.1

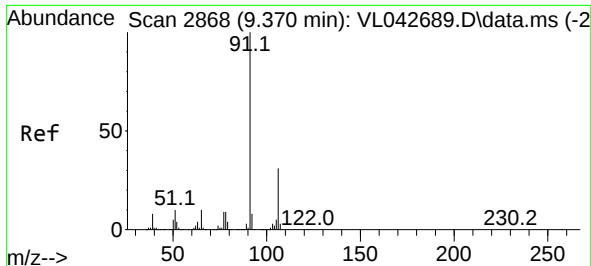
Tgt Ion:131 Resp: 1153
Ion Ratio Lower Upper
131 100
133 165.2 77.3 115.9#
119 0.0 52.6 78.8#



#57
Chlorobenzene
Concen: 0.127 ppbv
RT: 8.930 min Scan# 2732
Delta R.T. -0.007 min
Lab File: VL042693.D
Acq: 02 Jul 2025 10:34

Tgt Ion:112 Resp: 3252
Ion Ratio Lower Upper
112 100
77 49.9 56.2 84.4#
114 40.8 30.2 37.0#

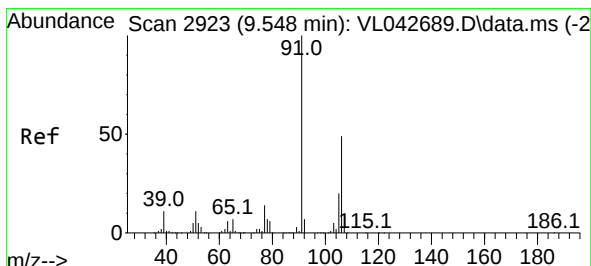
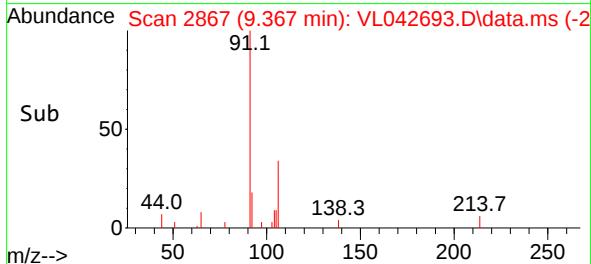
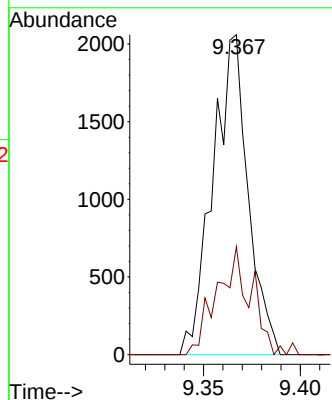
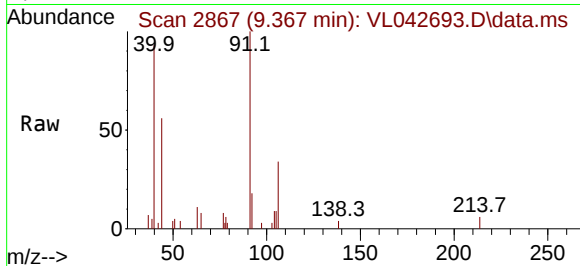




#58
Ethyl Benzene
Concen: 0.070 ppbv
RT: 9.367 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL042693.D
Acq: 02 Jul 2025 10:34

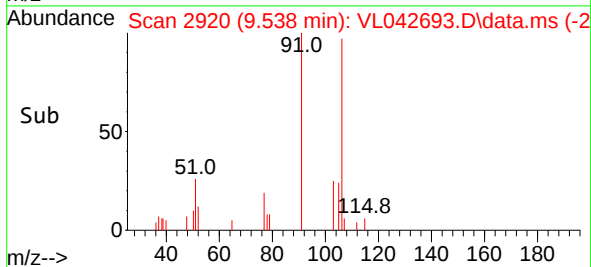
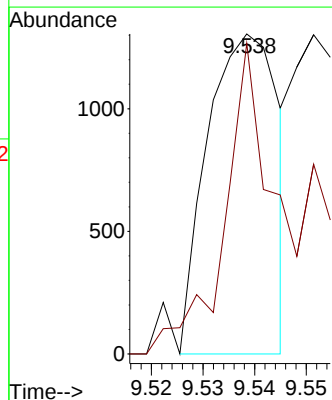
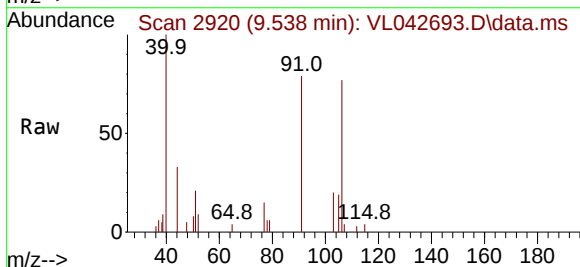
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.1

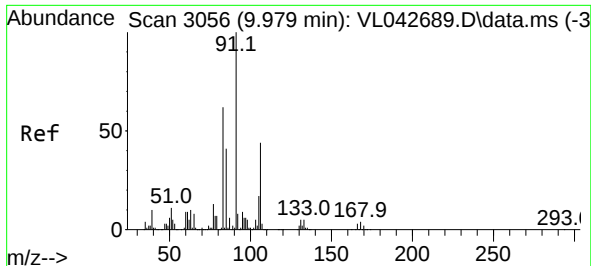
Tgt Ion: 91 Resp: 2603
Ion Ratio Lower Upper
91 100
106 33.7 24.9 37.3



#59
m/p-Xylene
Concen: 0.040 ppbv
RT: 9.538 min Scan# 2920
Delta R.T. -0.010 min
Lab File: VL042693.D
Acq: 02 Jul 2025 10:34

Tgt Ion: 91 Resp: 1247
Ion Ratio Lower Upper
91 100
106 155.8 37.6 56.4#

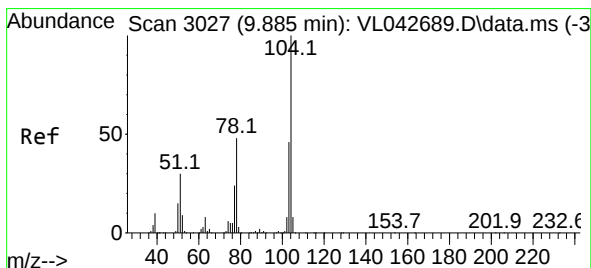
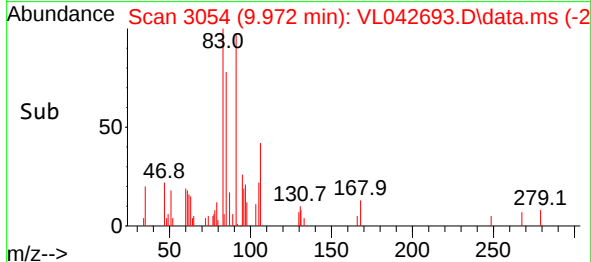
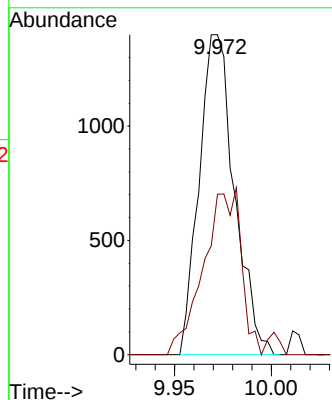
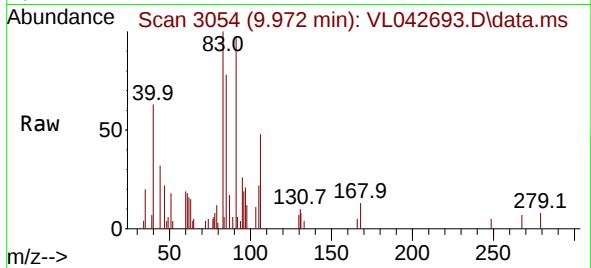




#60
o-Xylene
Concen: 0.058 ppbv
RT: 9.972 min Scan# 3056
Delta R.T. -0.007 min
Lab File: VL042693.D
Acq: 02 Jul 2025 10:34

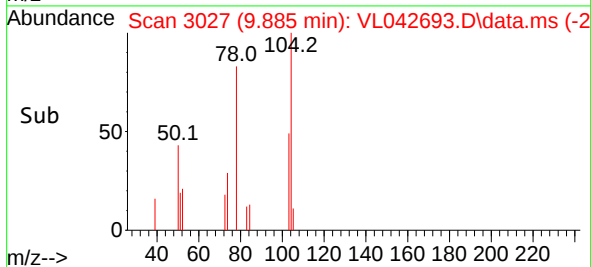
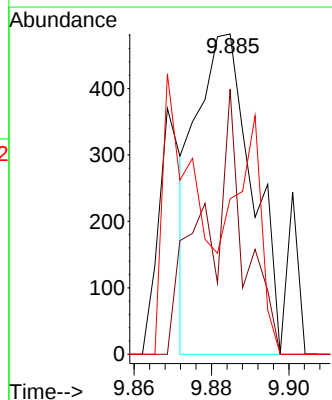
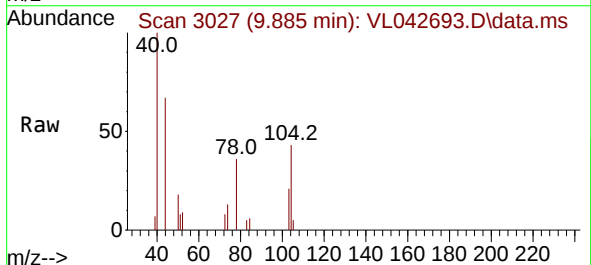
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.1

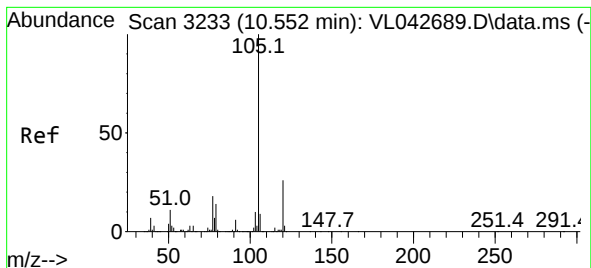
Tgt Ion: 91 Resp: 1772
Ion Ratio Lower Upper
91 100
106 57.4 22.8 68.4



#61
Styrene
Concen: 0.040 ppbv
RT: 9.885 min Scan# 3027
Delta R.T. -0.000 min
Lab File: VL042693.D
Acq: 02 Jul 2025 10:34

Tgt Ion: 104 Resp: 484
Ion Ratio Lower Upper
104 100
78 57.9 39.0 58.6
103 0.0 37.4 56.0#





#62

Isopropylbenzene

Concen: 0.080 ppbv

RT: 10.548 min Scan# 31

Delta R.T. -0.003 min

Lab File: VL042693.D

Acq: 02 Jul 2025 10:34

Instrument :

MSVOA_1

ClientSampleId :

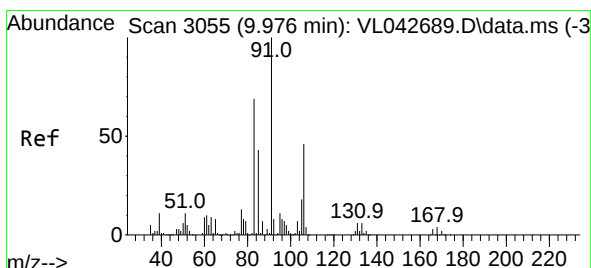
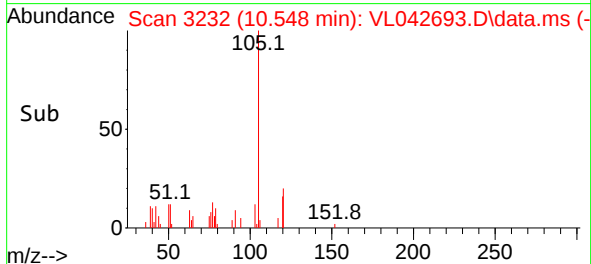
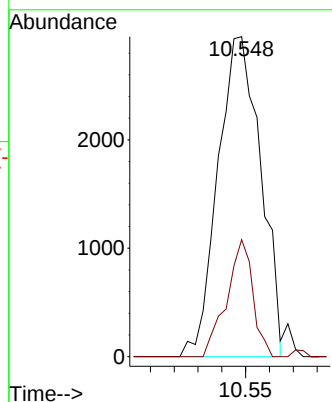
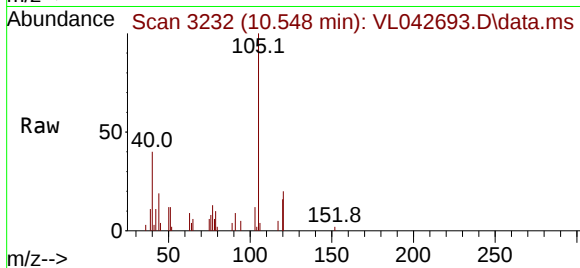
VSTDIC0.1

Tgt Ion:105 Resp: 3684

Ion Ratio Lower Upper

105 100

120 22.9 20.6 31.0



#63

1,1,2,2-Tetrachloroethane

Concen: 0.095 ppbv

RT: 9.969 min Scan# 3053

Delta R.T. -0.007 min

Lab File: VL042693.D

Acq: 02 Jul 2025 10:34

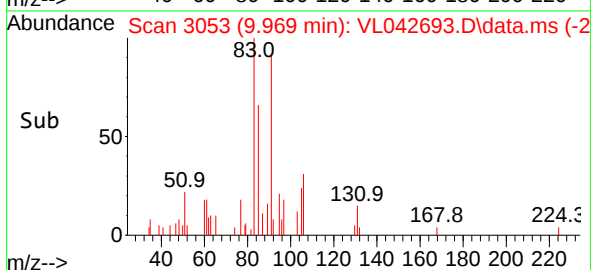
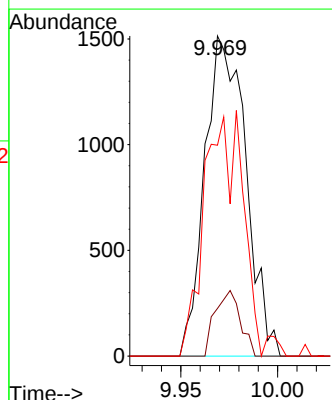
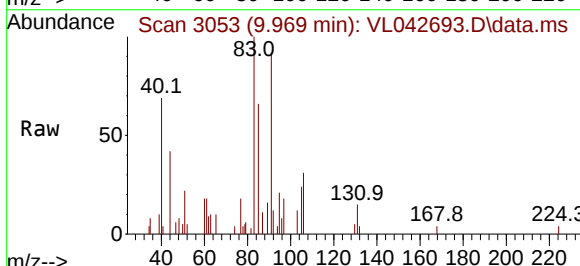
Tgt Ion: 83 Resp: 2234

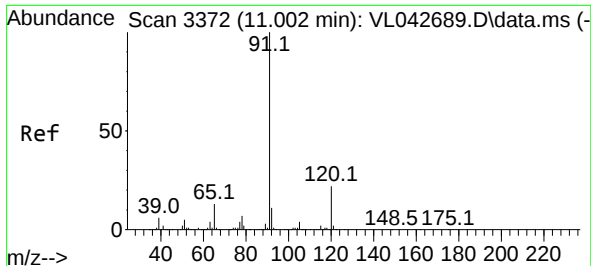
Ion Ratio Lower Upper

83 100

131 12.6 4.5 13.4

85 73.5 31.5 94.5

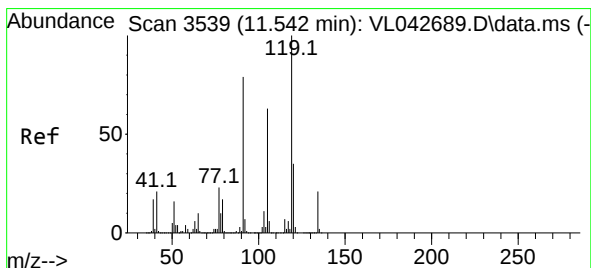
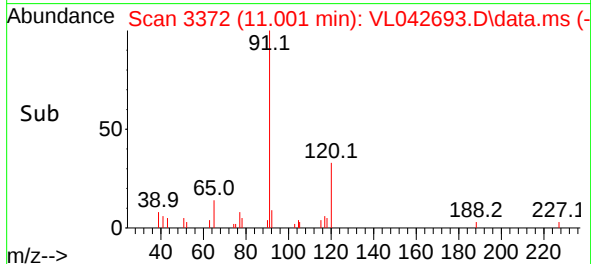
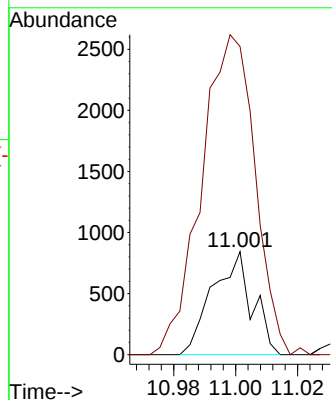
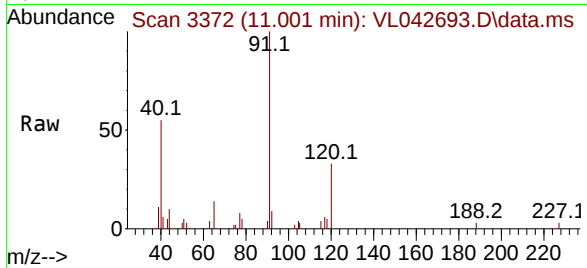




#64
n-propylbenzene
Concen: 0.064 ppbv
RT: 11.001 min Scan# 31
Delta R.T. -0.000 min
Lab File: VL042693.D
Acq: 02 Jul 2025 10:34

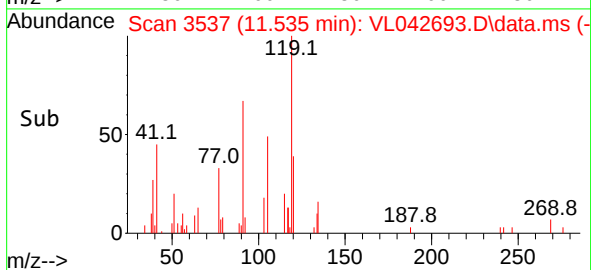
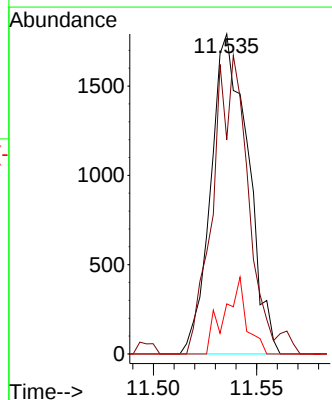
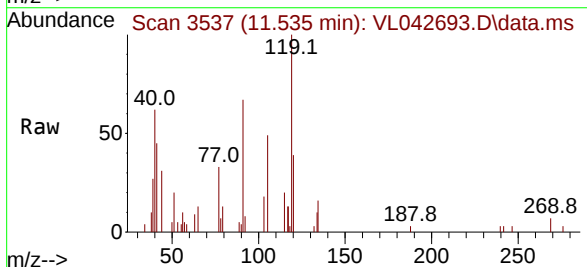
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.1

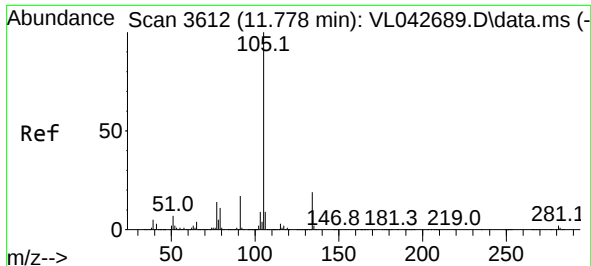
Tgt Ion:120 Resp: 752
Ion Ratio Lower Upper
120 100
91 419.9 377.8 566.8



#65
tert-Butylbenzene
Concen: 0.057 ppbv
RT: 11.535 min Scan# 3537
Delta R.T. -0.007 min
Lab File: VL042693.D
Acq: 02 Jul 2025 10:34

Tgt Ion:119 Resp: 2233
Ion Ratio Lower Upper
119 100
91 91.0 62.6 93.8
134 14.4 16.9 25.3#

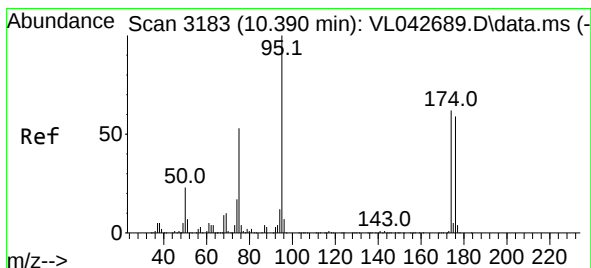
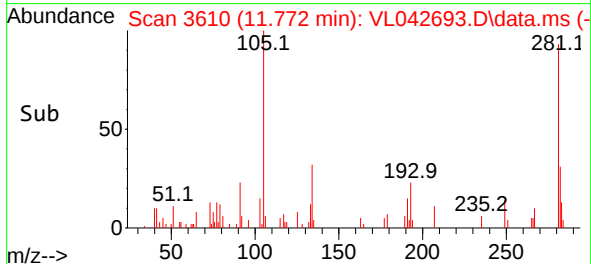
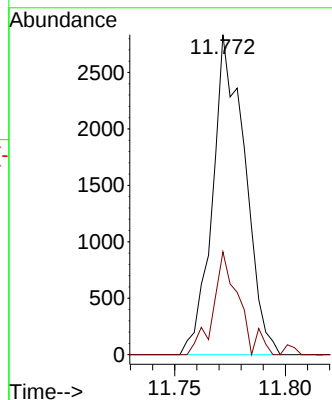
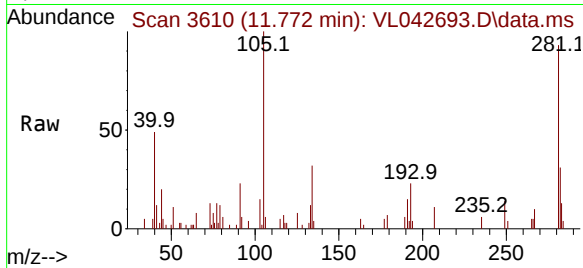




#67
 sec-Butylbenzene
 Concen: 0.048 ppbv
 RT: 11.772 min Scan# 3610
 Delta R.T. -0.007 min
 Lab File: VL042693.D
 Acq: 02 Jul 2025 10:34

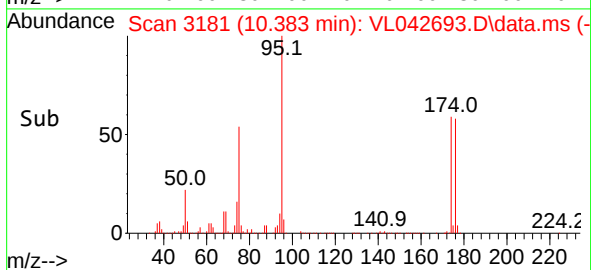
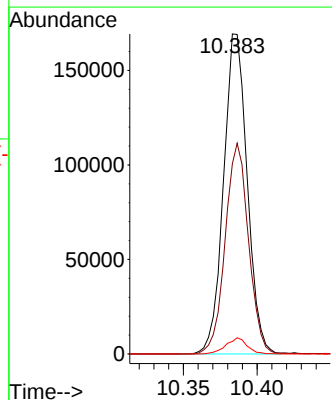
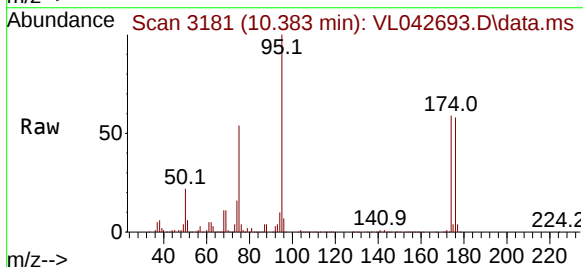
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDIC0.1

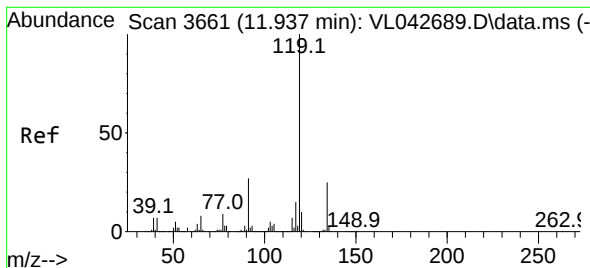
Tgt Ion:105 Resp: 2879
 Ion Ratio Lower Upper
 105 100
 134 25.7 15.0 22.6#



#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.595 ppbv
 RT: 10.383 min Scan# 3181
 Delta R.T. -0.007 min
 Lab File: VL042693.D
 Acq: 02 Jul 2025 10:34

Tgt Ion: 95 Resp: 188726
 Ion Ratio Lower Upper
 95 100
 174 64.9 51.2 76.8
 175 4.5 3.8 5.8

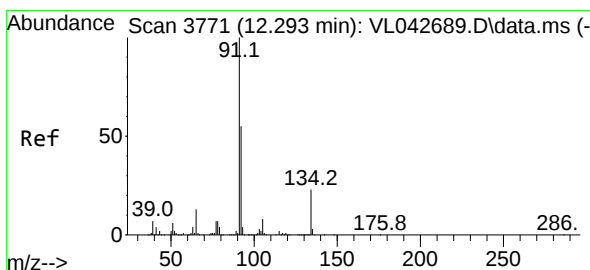
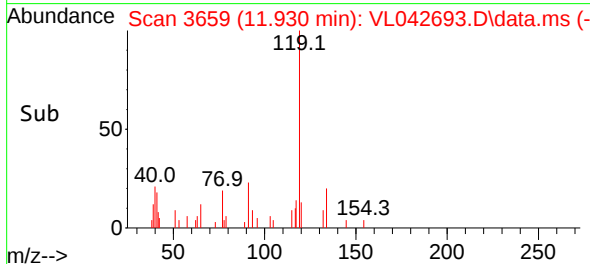
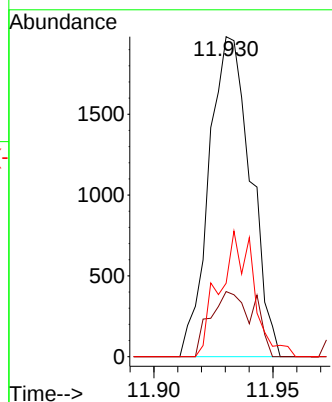
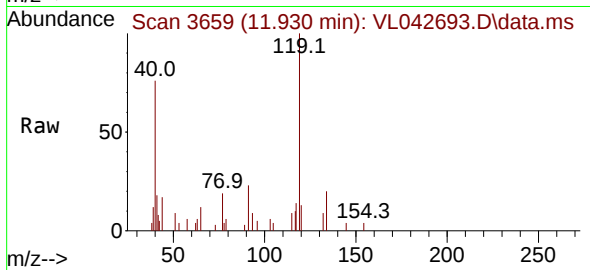




#69
p-Isopropyltoluene
Concen: 0.050 ppbv
RT: 11.930 min Scan# 3659
Delta R.T. -0.007 min
Lab File: VL042693.D
Acq: 02 Jul 2025 10:34

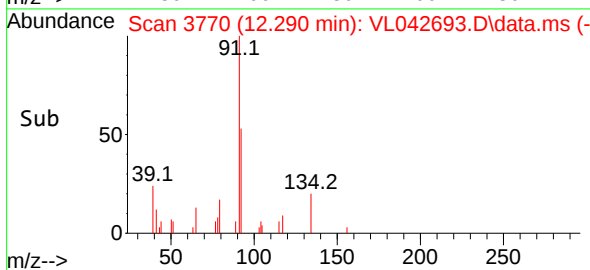
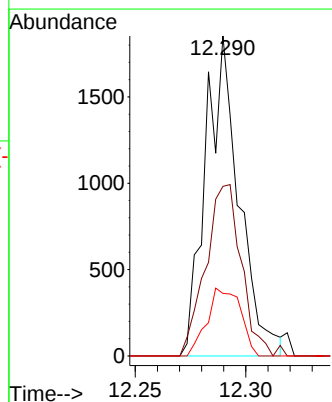
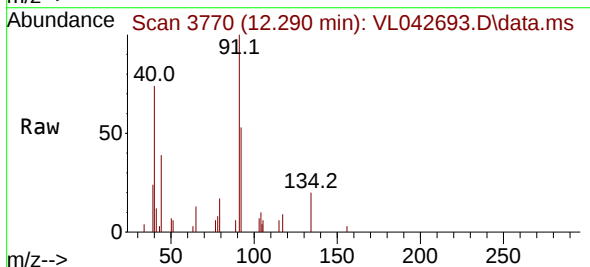
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.1

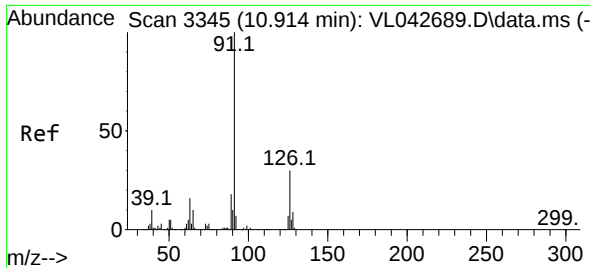
Tgt Ion:	119	Resp:	2401
Ion	Ratio	Lower	Upper
119	100		
134	21.2	20.6	31.0
91	32.5	21.4	32.2#



#70
n-Butylbenzene
Concen: 0.040 ppbv
RT: 12.290 min Scan# 3770
Delta R.T. -0.003 min
Lab File: VL042693.D
Acq: 02 Jul 2025 10:34

Tgt Ion:	91	Resp:	1958
Ion	Ratio	Lower	Upper
91	100		
92	57.0	44.2	66.2
134	21.0	18.6	27.8

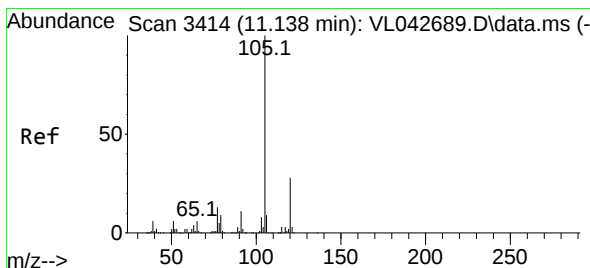
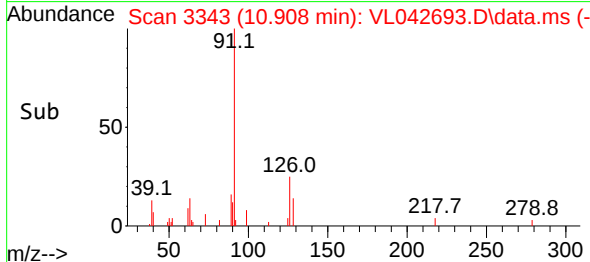
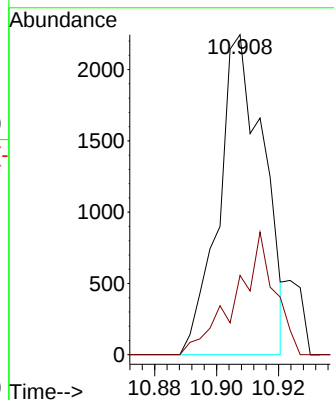
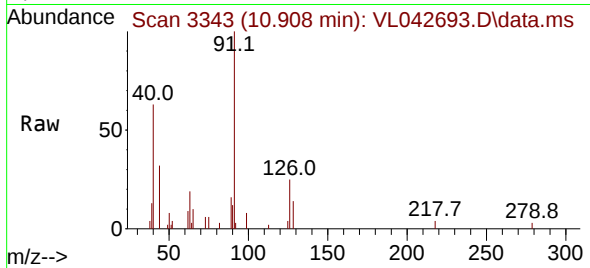




#71
2-Chlorotoluene
Concen: 0.066 ppbv
RT: 10.908 min Scan# 31
Delta R.T. -0.007 min
Lab File: VL042693.D
Acq: 02 Jul 2025 10:34

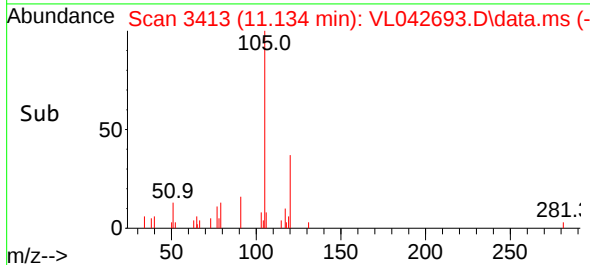
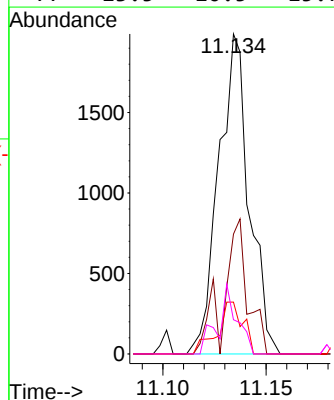
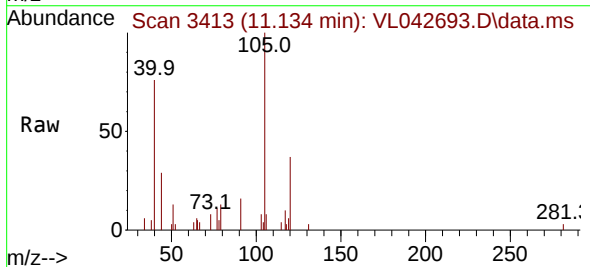
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.1

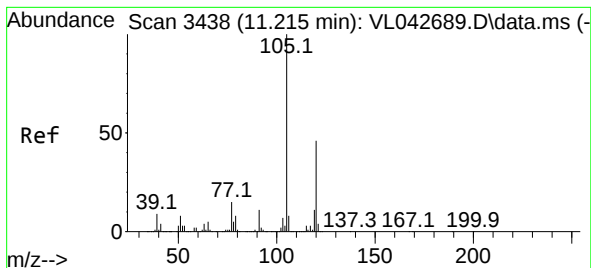
Tgt Ion: 91 Resp: 2247
Ion Ratio Lower Upper
91 100
126 33.4 11.8 47.4



#72
4-Ethyltoluene
Concen: 0.055 ppbv
RT: 11.134 min Scan# 3413
Delta R.T. -0.003 min
Lab File: VL042693.D
Acq: 02 Jul 2025 10:34

Tgt Ion: 105 Resp: 2036
Ion Ratio Lower Upper
105 100
120 33.6 23.8 35.6
91 13.6 9.7 14.5
77 13.5 10.5 15.7





#73

1,3,5-Trimethylbenzene

Concen: 0.058 ppbv

RT: 11.212 min Scan# 3438

Delta R.T. -0.003 min

Lab File: VL042693.D

Acq: 02 Jul 2025 10:34

Instrument :

MSVOA_1

ClientSampleId :

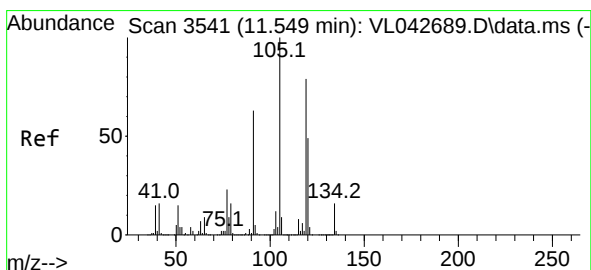
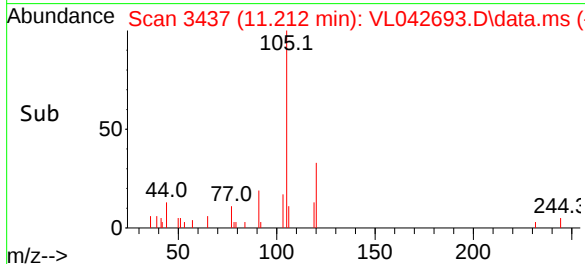
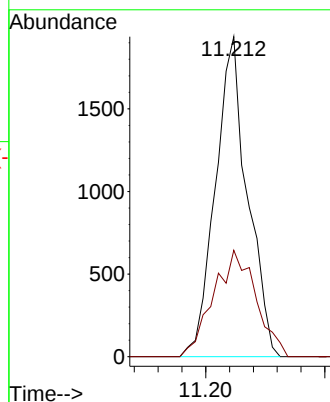
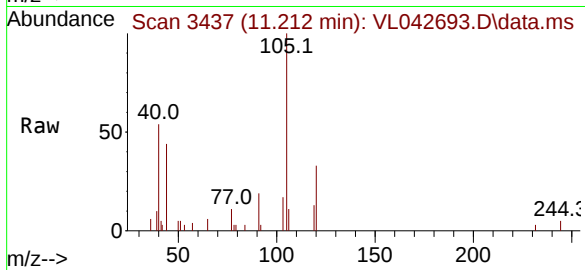
VSTDIC0.1

Tgt Ion:105 Resp: 1809

Ion Ratio Lower Upper

105 100

120 33.2 37.0 55.4#



#74

1,2,4-Trimethylbenzene

Concen: 0.040 ppbv

RT: 11.542 min Scan# 3539

Delta R.T. -0.007 min

Lab File: VL042693.D

Acq: 02 Jul 2025 10:34

Tgt Ion:105 Resp: 1415

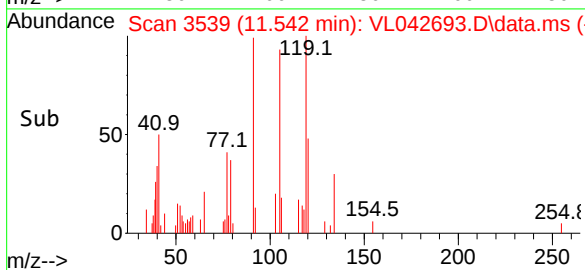
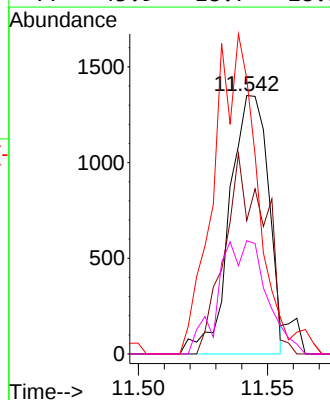
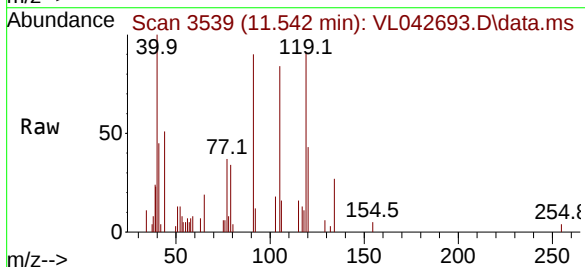
Ion Ratio Lower Upper

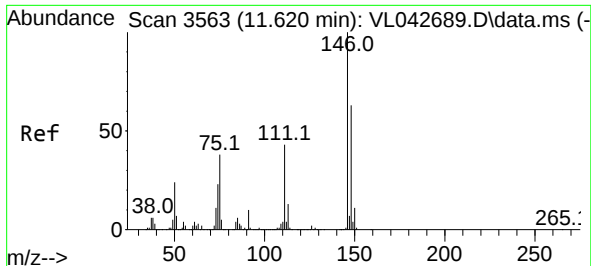
105 100

120 51.6 39.6 59.4

91 106.5 51.0 76.6#

77 43.9 18.7 28.1#

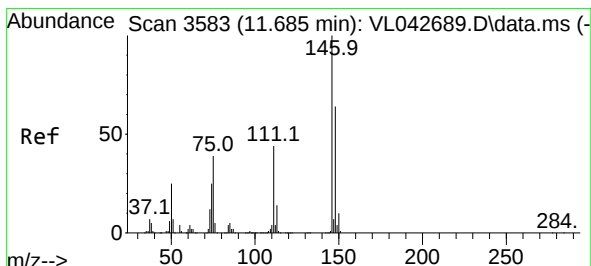
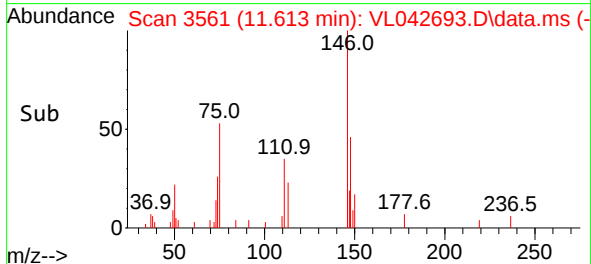
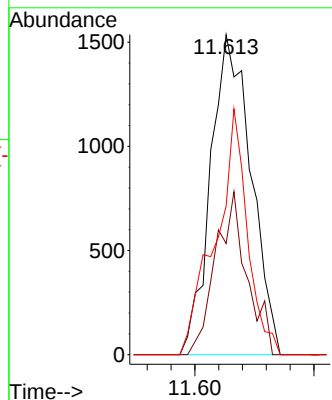
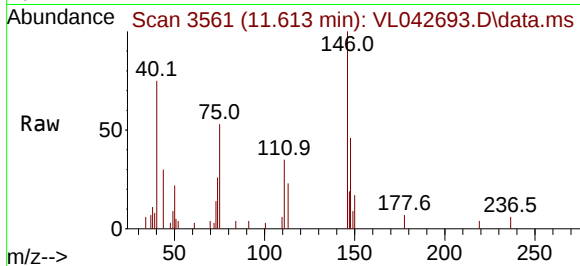




#75
1,3-Dichlorobenzene
Concen: 0.072 ppbv
RT: 11.613 min Scan# 3561
Delta R.T. -0.007 min
Lab File: VL042693.D
Acq: 02 Jul 2025 10:34

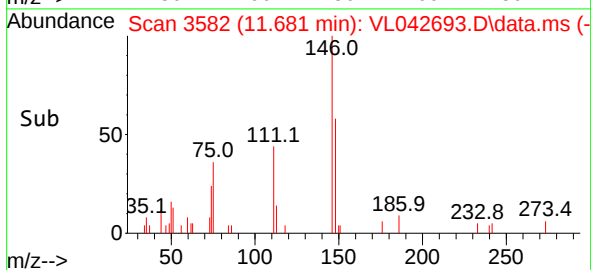
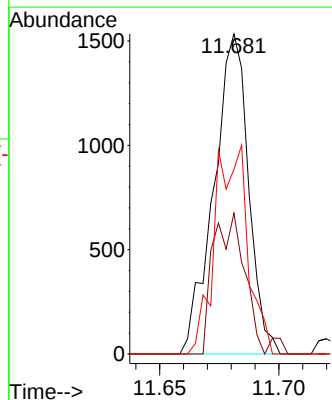
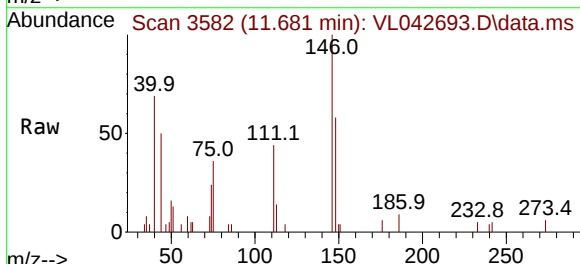
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.1

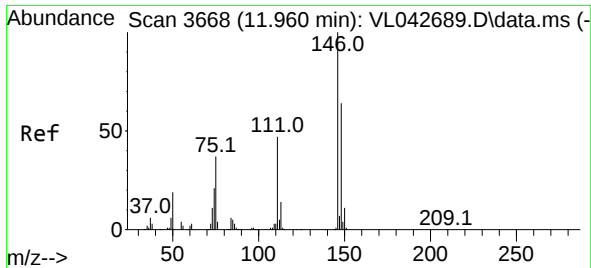
Tgt Ion:146 Resp: 1810
Ion Ratio Lower Upper
146 100
111 39.4 21.6 65.0
148 60.5 31.6 94.7



#76
1,4-Dichlorobenzene
Concen: 0.065 ppbv
RT: 11.681 min Scan# 3582
Delta R.T. -0.003 min
Lab File: VL042693.D
Acq: 02 Jul 2025 10:34

Tgt Ion:146 Resp: 1552
Ion Ratio Lower Upper
146 100
111 41.5 21.4 64.3
148 62.0 31.8 95.4

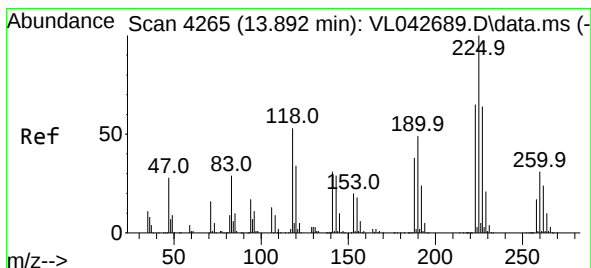
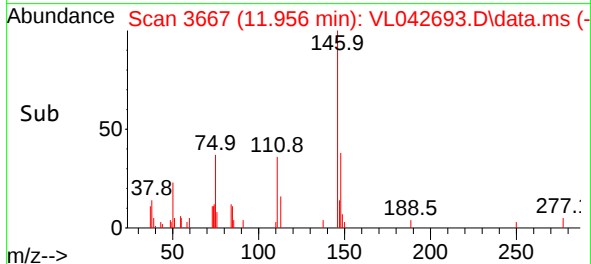
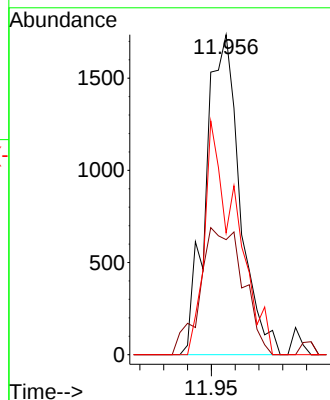
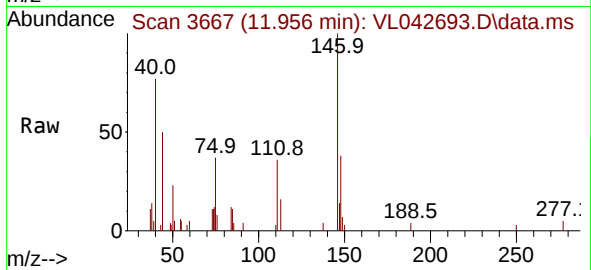




#77
1,2-Dichlorobenzene
Concen: 0.068 ppbv
RT: 11.956 min Scan# 30
Delta R.T. -0.003 min
Lab File: VL042693.D
Acq: 02 Jul 2025 10:34

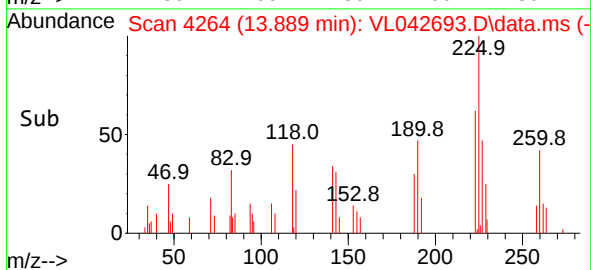
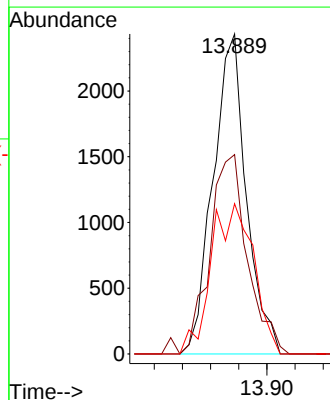
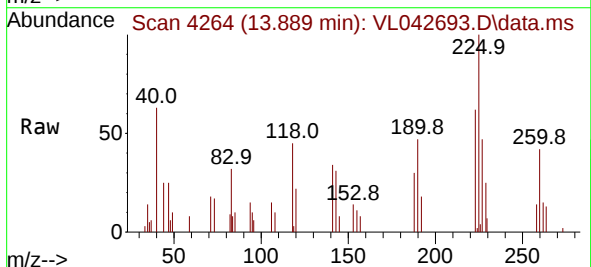
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.1

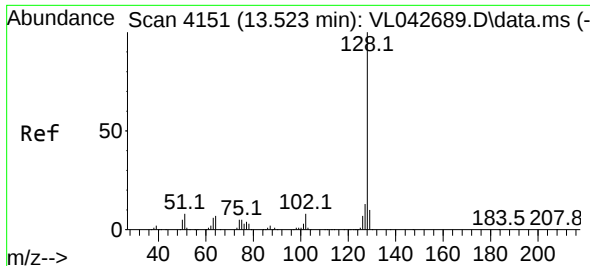
Tgt Ion:146 Resp: 1722
Ion Ratio Lower Upper
146 100
111 50.3 22.9 68.8
148 67.5 31.9 95.7



#78
Hexachloro-1,3-Butadiene
Concen: 0.101 ppbv
RT: 13.889 min Scan# 4264
Delta R.T. -0.003 min
Lab File: VL042693.D
Acq: 02 Jul 2025 10:34

Tgt Ion:225 Resp: 1995
Ion Ratio Lower Upper
225 100
223 71.3 50.5 75.7
227 59.8 50.0 75.0

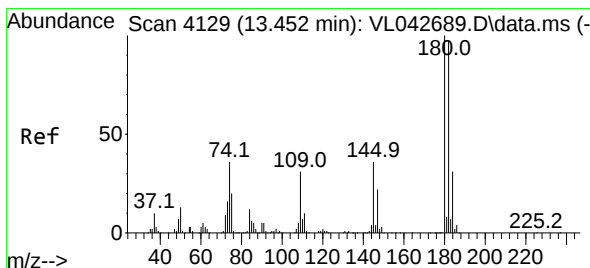
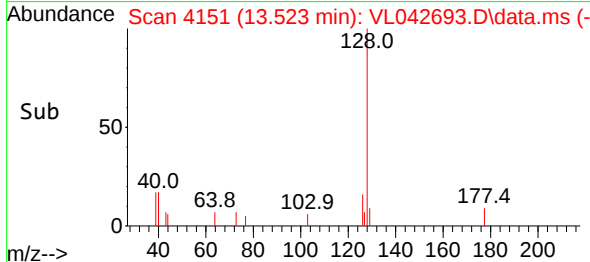
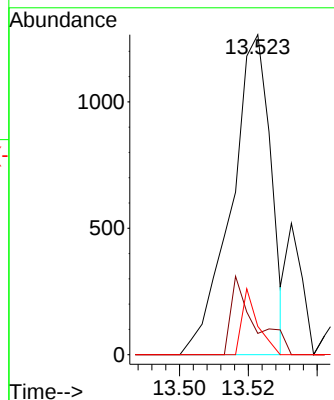
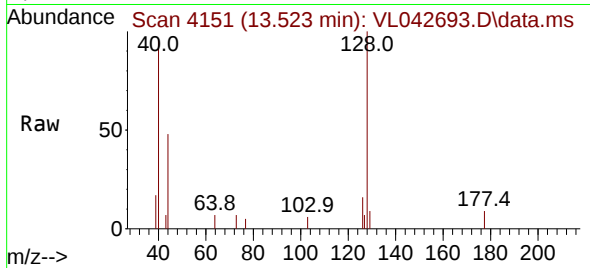




#79
Naphthalene
Concen: 0.034 ppbv
RT: 13.523 min Scan# 4151
Delta R.T. -0.000 min
Lab File: VL042693.D
Acq: 02 Jul 2025 10:34

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.1

Tgt Ion:128 Resp: 1008
Ion Ratio Lower Upper
128 100
127 6.6 10.2 15.4#
129 8.8 8.2 12.2



#81
1,2,4-Trichlorobenzene
Concen: 0.027 ppbv
RT: 13.445 min Scan# 4127
Delta R.T. -0.007 min
Lab File: VL042693.D
Acq: 02 Jul 2025 10:34

Tgt Ion:180 Resp: 467
Ion Ratio Lower Upper
180 100
182 109.6 76.7 115.1
184 34.9 24.4 36.6

