

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL092225\
 Data File : VL042955.D
 Acq On : 22 Sep 2025 12:30
 Operator : SY/MD
 Sample : VSTDICC0.03
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC0.03

Quant Time: Sep 23 02:13:15 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL092225AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Sep 23 02:07:33 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.787	49	163615	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.959	114	504423	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.882	117	454013	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.377	95	334002	9.855	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.600%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.499	85	840	0.038	ppbv #	83
3) Chlorodifluoromethane	1.476	51	1668	0.061	ppbv	95
4) Chloromethane	1.534	50	568	0.057	ppbv	90
5) Vinyl Chloride	1.580	62	358	0.040	ppbv #	53
6) Bromomethane	1.670	94	96	0.030	ppbv	90
7) Chloroethane	1.709	64	249	0.071	ppbv #	80
8) Dichlorotetrafluoroethane	1.554	85	838	0.045	ppbv	93
9) Propene	1.483	41	829	0.069	ppbv #	1
10) Heptane	4.978	43	551	0.017	ppbv #	29
11) Trichlorofluoromethane	2.140	101	682	0.032	ppbv	96
12) 1,1,2-Trichlorotrifluo...	2.140	101	682	0.040	ppbv	86
13) Ethanol	1.890	45	664	0.581	ppbv #	35
14) Bromoethene	1.784	108	376	0.058	ppbv #	1
15) Acetone	1.839	43	2845	0.134	ppbv	93
16) 1,3-Butadiene	1.612	39	612	0.061	ppbv #	31
17) tert-Butyl alcohol	2.043	59	1183	0.051	ppbv #	1
18) 1,1-Dichloroethene	2.030	96	166	0.021	ppbv #	58
19) Isopropyl Alcohol	1.890	45	664	0.052	ppbv #	27
20) Methylene Chloride	2.062	84	2681	Below Cal		94
21) Allyl Chloride	2.098	41	1053	0.071	ppbv #	46
22) trans-1,2-Dichloroethene	2.340	96	370	0.041	ppbv #	92
23) Vinyl Acetate	2.460	43	1543	0.051	ppbv #	15
24) 1,1-Dichloroethane	2.412	63	470	0.027	ppbv #	89
25) Ethyl Acetate	2.829	43	303	0.006	ppbv #	75
26) Hexane	2.826	57	1295	0.053	ppbv #	2
27) Carbon Disulfide	2.153	76	851	0.039	ppbv #	1
28) Methyl tert-Butyl Ether	2.441	73	594	0.047	ppbv #	1
29) Chloroform	2.732	83	107	0.003	ppbv	99
30) Cyclohexane	3.862	84	190	0.009	ppbv #	1
31) cis-1,2-Dichloroethene	2.713	61	280	0.012	ppbv #	87
32) 1,1,1-Trichloroethane	3.363	97	562	0.016	ppbv #	18
34) 2-Butanone	2.557	43	1365	0.039	ppbv #	81
35) Carbon Tetrachloride	3.761	117	771	0.024	ppbv #	76
36) Benzene	3.654	78	2042	0.043	ppbv	99
37) 1,2-Dichloroethane	3.217	62	935	0.038	ppbv #	83
38) Trichloroethene	4.551	130	363	0.015	ppbv #	18
39) 1,2-Dichloropropane	3.959	63	123623	7.144	ppbv #	23
40) 1,4-Dioxane	4.619	88	180	0.022	ppbv #	8
41) Tetrahydrofuran	3.046	42	84	0.004	ppbv #	38
42) Bromodichloromethane	4.489	83	785	0.023	ppbv #	78
43) Methyl Methacrylate	4.884	69	399	0.021	ppbv #	1
44) 2,2,4-Trimethylpentane	4.635	57	1698	0.021	ppbv #	7
45) t-1,3-Dichloropropene	6.402	75	159	0.008	ppbv	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL092225\
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 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

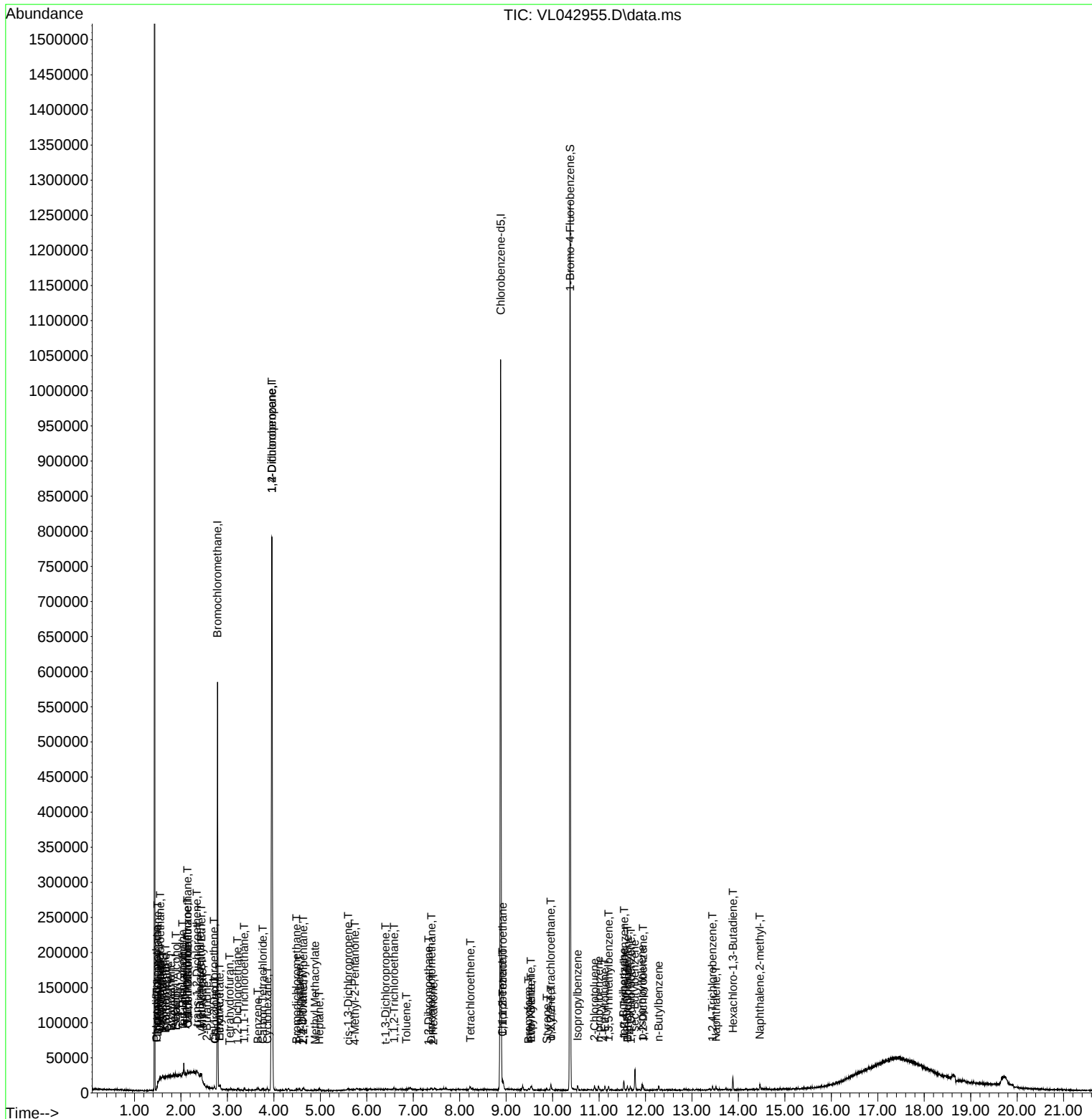
Instrument :
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 ClientSampleId :
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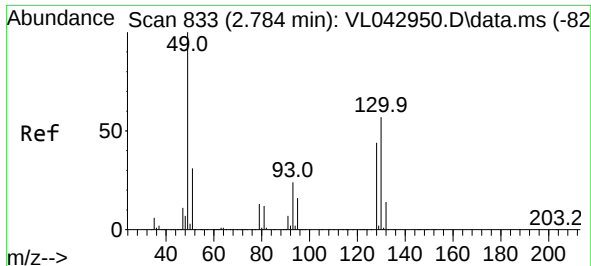
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 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Sep 23 02:07:33 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
46) cis-1,3-Dichloropropene	5.600	75	424	0.016	ppbv	#	29
47) 1,1,2-Trichloroethane	6.587	97	443	0.024	ppbv	#	37
48) Dibromochloromethane	7.393	129	612	0.021	ppbv	#	10
49) Bromoform	9.484	173	766	0.030	ppbv		96
50) 4-Methyl-2-Pentanone	5.742	43	53	0.001	ppbv	#	39
51) 2-Hexanone	7.435	43	189	0.005	ppbv	#	28
52) Tetrachloroethene	8.231	164	316	0.017	ppbv	#	54
53) Toluene	6.852	91	62	0.001	ppbv		94
54) 1,2-Dibromoethane	7.331	107	27	0.001	ppbv		99
56) 1,1,1,2-Tetrachloroethane	8.927	131	1008	0.046	ppbv	#	1
57) Chlorobenzene	8.920	112	1619	0.039	ppbv	#	70
58) Ethyl Benzene	9.532	91	2417	0.032	ppbv		96
59) m/p-Xylene	9.532	91	2417	0.041	ppbv	#	100
60) o-Xylene	9.966	91	2366	0.040	ppbv		92
61) Styrene	9.875	104	621	0.022	ppbv	#	41
62) Isopropylbenzene	10.539	105	3139	0.036	ppbv		98
63) 1,1,2,2-Tetrachloroethane	9.959	83	1006	0.033	ppbv		88
64) n-propylbenzene	10.992	120	745	0.033	ppbv		87
65) tert-Butylbenzene	11.526	119	2797	0.036	ppbv	#	96
66) Benzyl Chloride	11.613	91	103	0.013	ppbv	#	65
67) sec-Butylbenzene	11.765	105	3805	0.035	ppbv		92
69) p-Isopropyltoluene	11.924	119	2947	0.032	ppbv		92
70) n-Butylbenzene	12.283	91	2629	0.029	ppbv		91
71) 2-Chlorotoluene	10.901	91	2400	0.036	ppbv		98
72) 4-Ethyltoluene	11.125	105	2527	0.034	ppbv	#	86
73) 1,3,5-Trimethylbenzene	11.209	105	922	0.015	ppbv	#	70
74) 1,2,4-Trimethylbenzene	11.539	105	2411	0.037	ppbv	#	85
75) 1,3-Dichlorobenzene	11.610	146	1180	0.029	ppbv		81
76) 1,4-Dichlorobenzene	11.685	146	477	0.012	ppbv	#	2
77) 1,2-Dichlorobenzene	11.950	146	1283	0.033	ppbv		89
78) Hexachloro-1,3-Butadiene	13.882	225	1707	0.056	ppbv		96
79) Naphthalene	13.516	128	2391	0.041	ppbv	#	95
80) Naphthalene,2-methyl-	14.462	142	3144	0.175	ppbv		88
81) 1,2,4-Trichlorobenzene	13.442	180	939	0.030	ppbv	#	91

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

Quant Time: Sep 23 02:13:15 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL092225AIR.M
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QLast Update : Tue Sep 23 02:07:33 2025
Response via : Initial Calibration

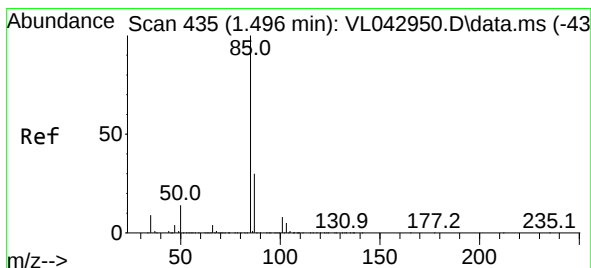
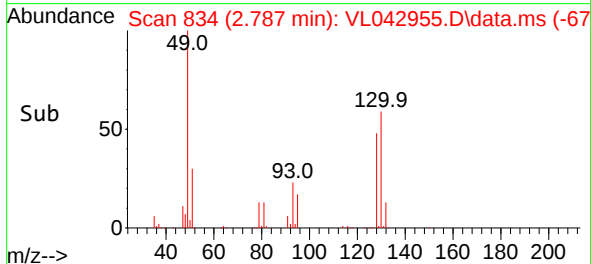
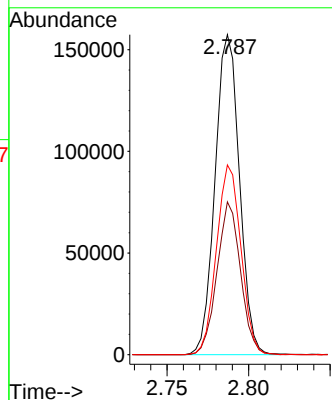
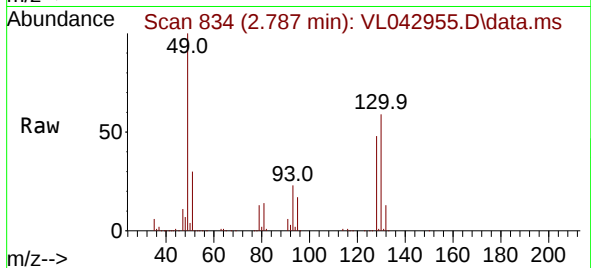




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.787 min Scan# 81
Delta R.T. 0.003 min
Lab File: VL042955.D
Acq: 22 Sep 2025 12:30

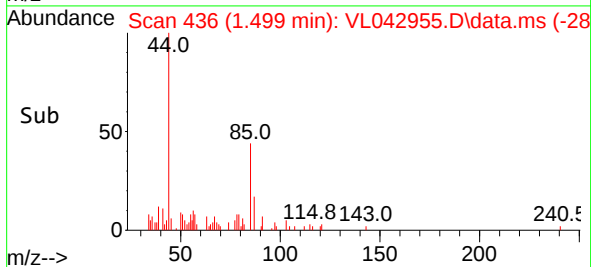
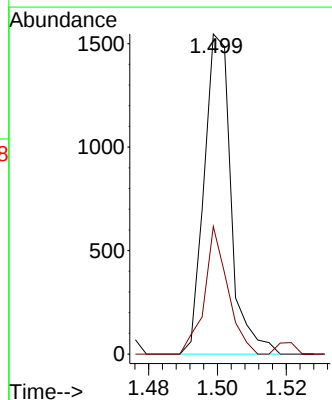
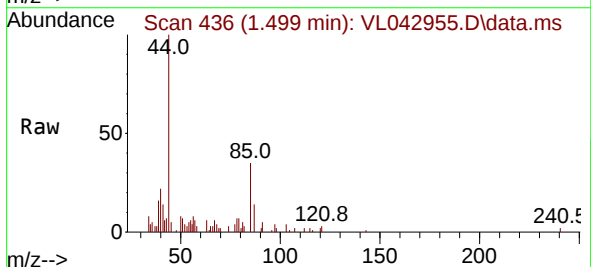
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.03

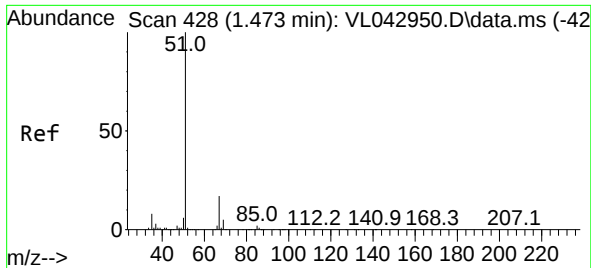
Tgt Ion: 49 Resp: 163615
Ion Ratio Lower Upper
49 100
128 46.1 22.9 68.8
130 59.5 29.1 87.3



#2
Dichlorodifluoromethane
Concen: 0.038 ppbv
RT: 1.499 min Scan# 436
Delta R.T. 0.003 min
Lab File: VL042955.D
Acq: 22 Sep 2025 12:30

Tgt Ion: 85 Resp: 840
Ion Ratio Lower Upper
85 100
87 39.9 24.3 36.5#





#3

Chlorodifluoromethane

Concen: 0.061 ppbv

RT: 1.476 min Scan# 41

Delta R.T. 0.003 min

Lab File: VL042955.D

Acq: 22 Sep 2025 12:30

Instrument :

MSVOA_1

ClientSampleId :

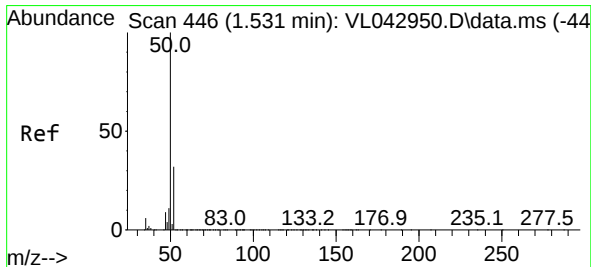
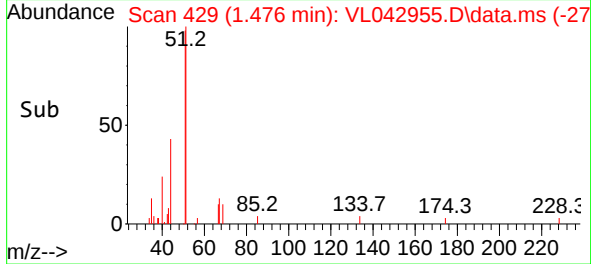
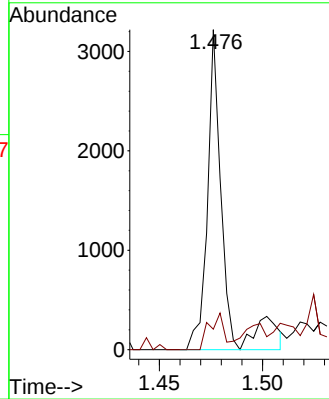
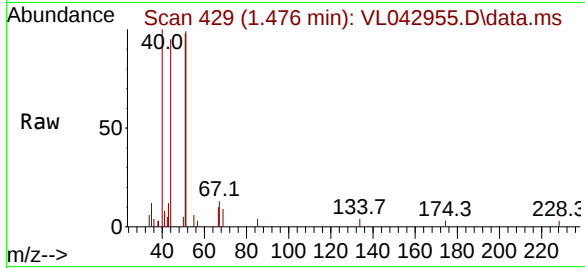
VSTDICC0.03

Tgt Ion: 51 Resp: 1668

Ion Ratio Lower Upper

51 100

67 15.1 13.8 20.8



#4

Chloromethane

Concen: 0.057 ppbv

RT: 1.534 min Scan# 447

Delta R.T. 0.003 min

Lab File: VL042955.D

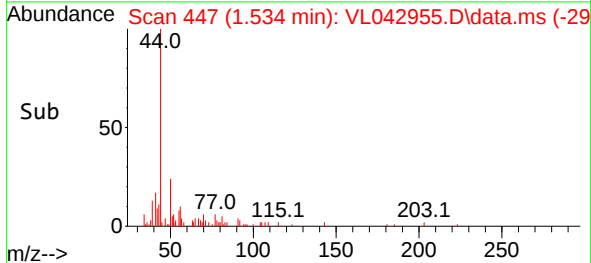
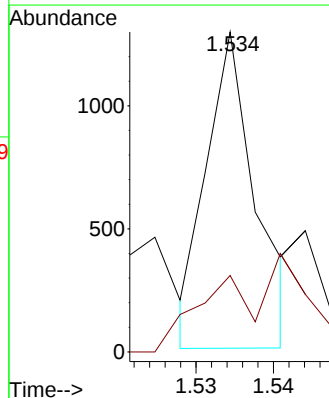
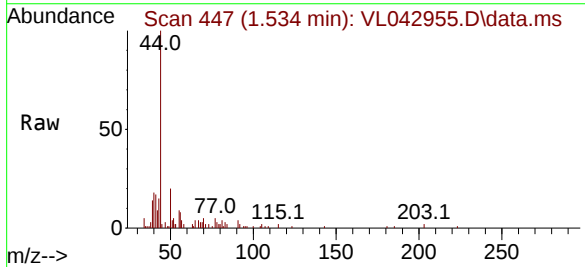
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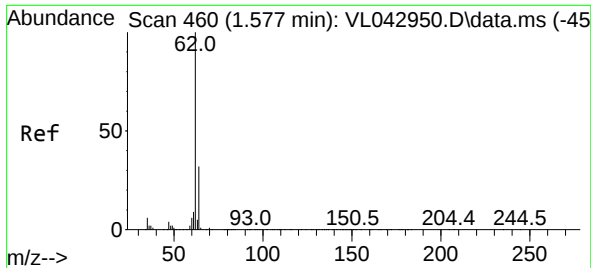
Tgt Ion: 50 Resp: 568

Ion Ratio Lower Upper

50 100

52 26.7 25.9 38.9

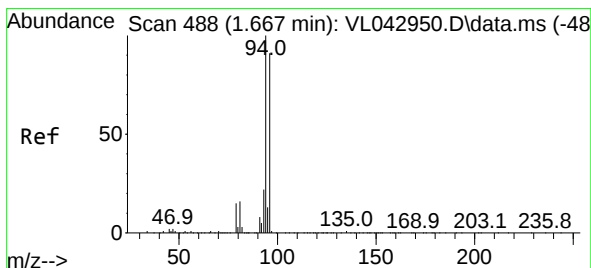
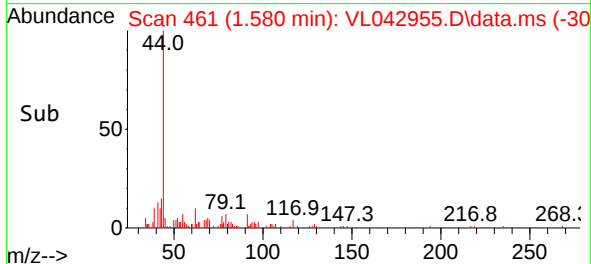
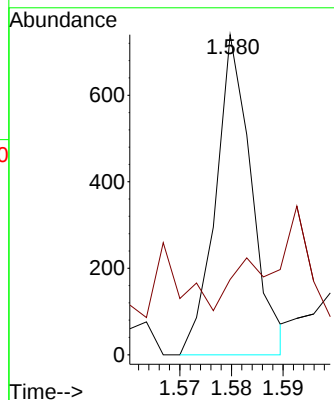
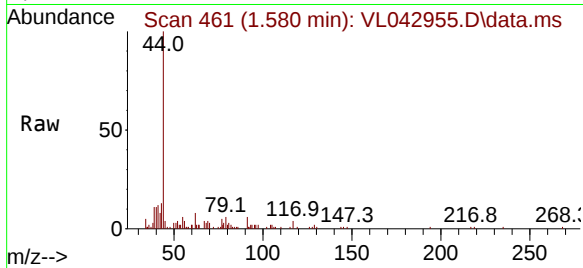




#5
 Vinyl Chloride
 Concen: 0.040 ppbv
 RT: 1.580 min Scan# 461
 Delta R.T. 0.003 min
 Lab File: VL042955.D
 Acq: 22 Sep 2025 12:30

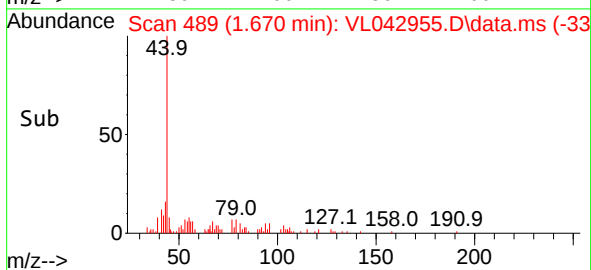
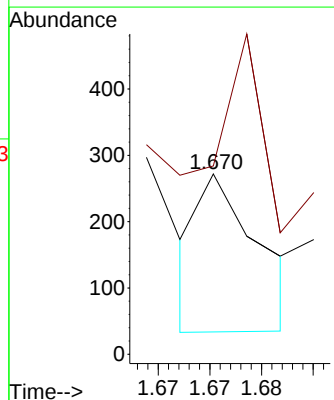
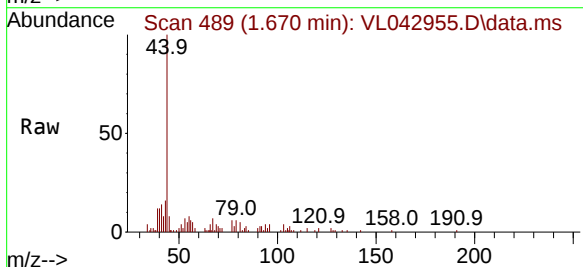
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDIC0.03

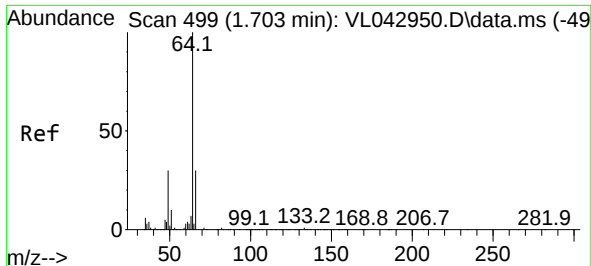
Tgt Ion: 62 Resp: 358
 Ion Ratio Lower Upper
 62 100
 64 5.9 25.4 38.2#



#6
 Bromomethane
 Concen: 0.030 ppbv
 RT: 1.670 min Scan# 489
 Delta R.T. 0.003 min
 Lab File: VL042955.D
 Acq: 22 Sep 2025 12:30

Tgt Ion: 94 Resp: 96
 Ion Ratio Lower Upper
 94 100
 96 81.5 72.6 108.8

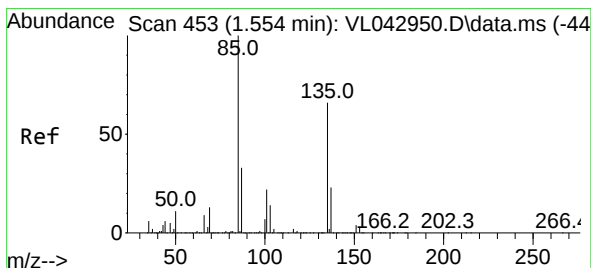
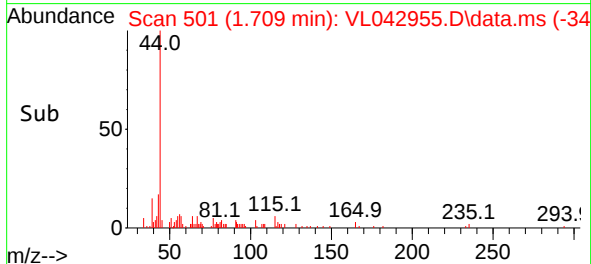
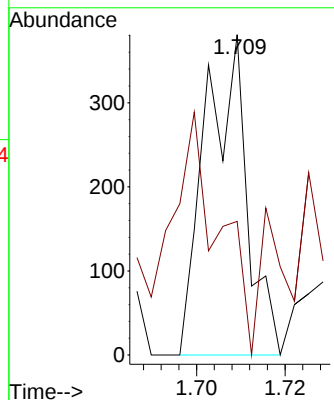
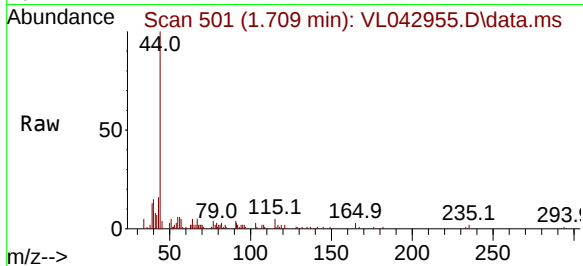




#7
Chloroethane
Concen: 0.071 ppbv
RT: 1.709 min Scan# 501
Delta R.T. 0.006 min
Lab File: VL042955.D
Acq: 22 Sep 2025 12:30

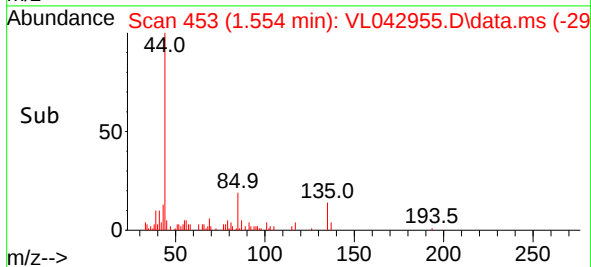
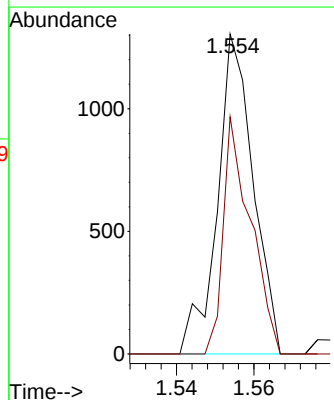
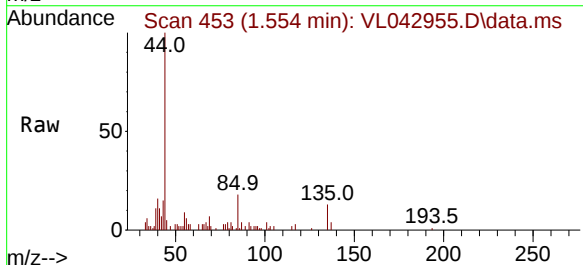
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ClientSampleId :
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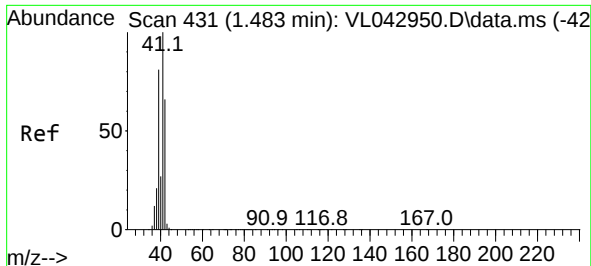
Tgt Ion: 64 Resp: 249
Ion Ratio Lower Upper
64 100
66 41.7 24.6 36.8#



#8
Dichlorotetrafluoroethane
Concen: 0.045 ppbv
RT: 1.554 min Scan# 453
Delta R.T. -0.000 min
Lab File: VL042955.D
Acq: 22 Sep 2025 12:30

Tgt Ion: 85 Resp: 838
Ion Ratio Lower Upper
85 100
135 56.6 49.7 74.5





#9

Propene

Concen: 0.069 ppbv

RT: 1.483 min Scan# 41

Delta R.T. -0.000 min

Lab File: VL042955.D

Acq: 22 Sep 2025 12:30

Instrument :

MSVOA_L

ClientSampleId :

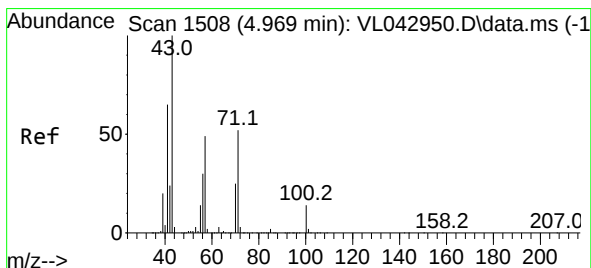
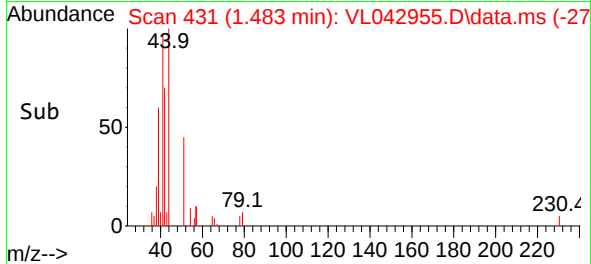
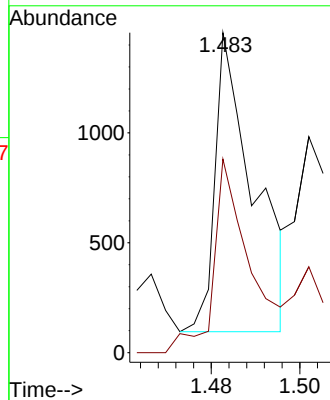
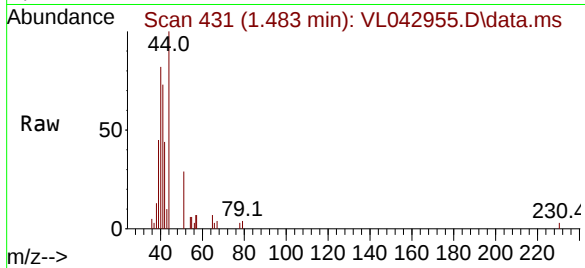
VSTDIC0.03

Tgt Ion: 41 Resp: 829

Ion Ratio Lower Upper

41 100

42 343.2 57.4 86.2#



#10

Heptane

Concen: 0.017 ppbv

RT: 4.978 min Scan# 1511

Delta R.T. 0.010 min

Lab File: VL042955.D

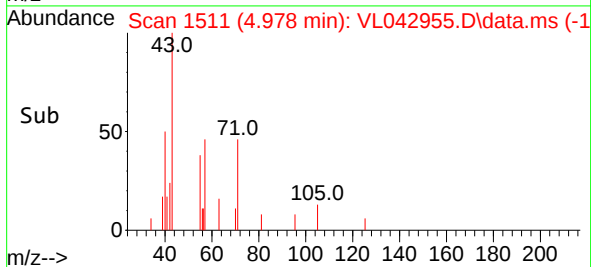
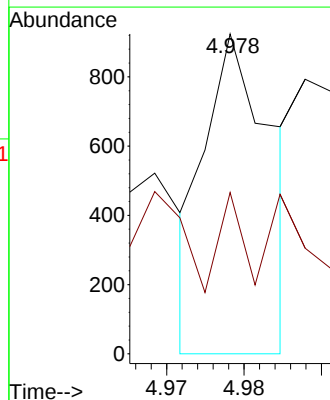
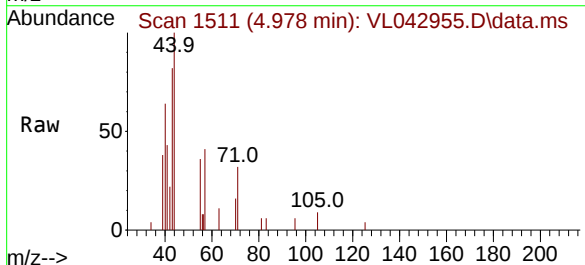
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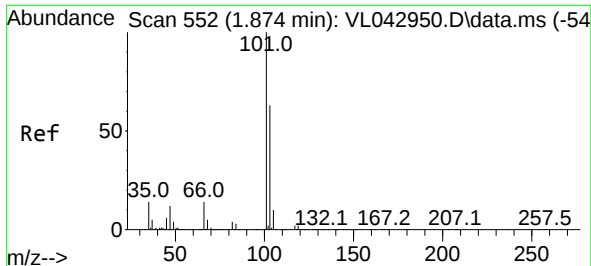
Tgt Ion: 43 Resp: 551

Ion Ratio Lower Upper

43 100

57 0.0 38.6 57.8#

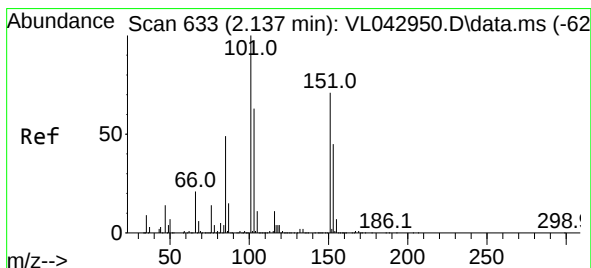
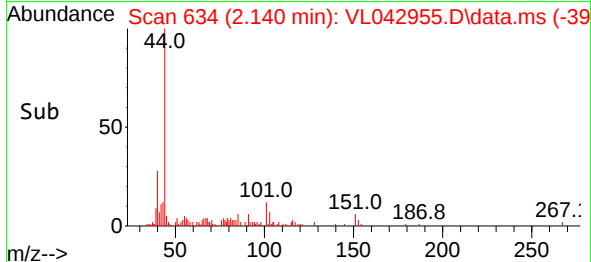
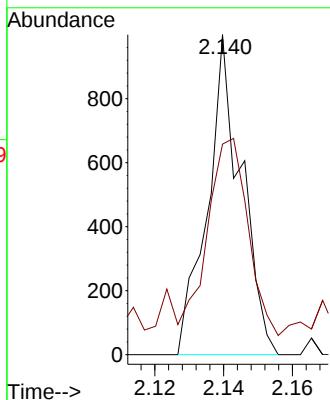
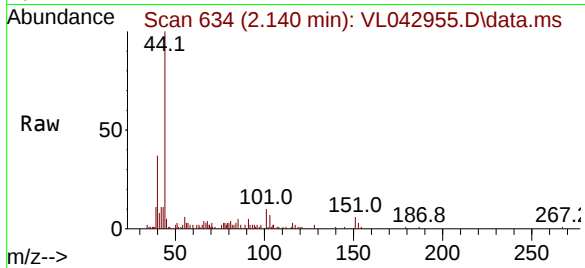




#11
 Trichlorofluoromethane
 Concen: 0.032 ppbv
 RT: 2.140 min Scan# 61
 Delta R.T. 0.265 min
 Lab File: VL042955.D
 Acq: 22 Sep 2025 12:30

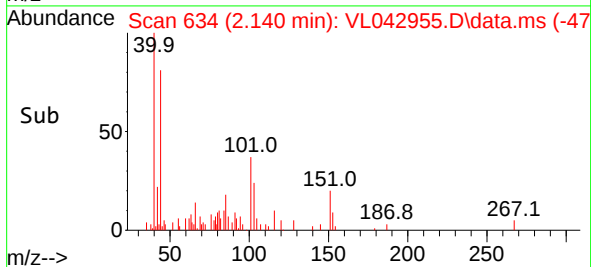
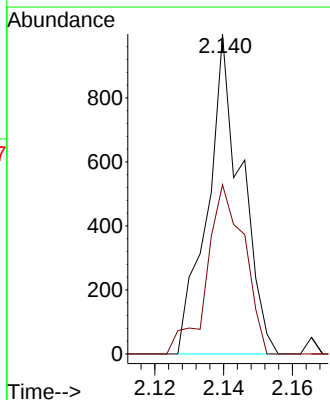
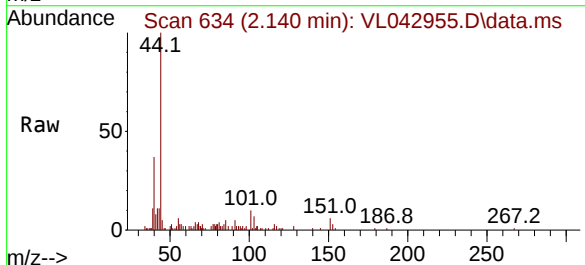
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.03

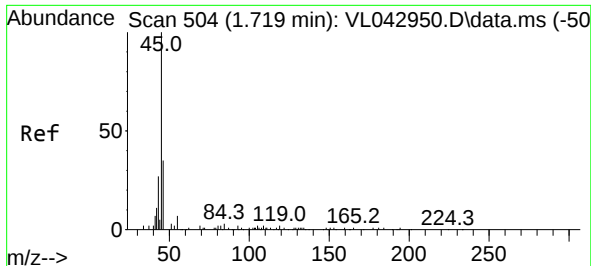
Tgt Ion:101 Resp: 682
 Ion Ratio Lower Upper
 101 100
 103 59.8 50.1 75.1



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.040 ppbv
 RT: 2.140 min Scan# 634
 Delta R.T. 0.003 min
 Lab File: VL042955.D
 Acq: 22 Sep 2025 12:30

Tgt Ion:101 Resp: 682
 Ion Ratio Lower Upper
 101 100
 151 58.2 55.7 83.5

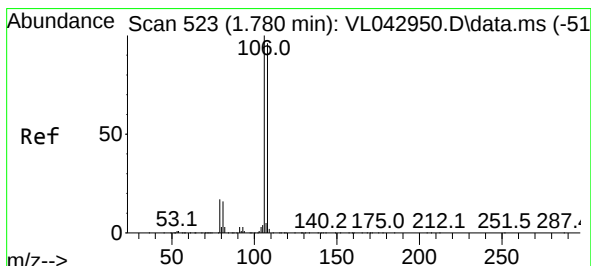
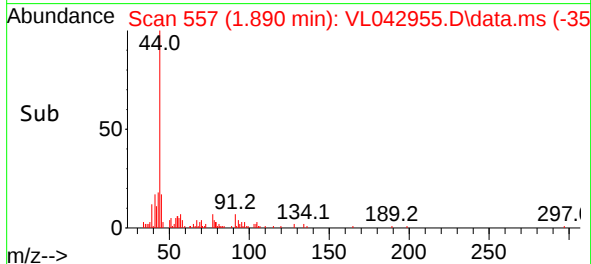
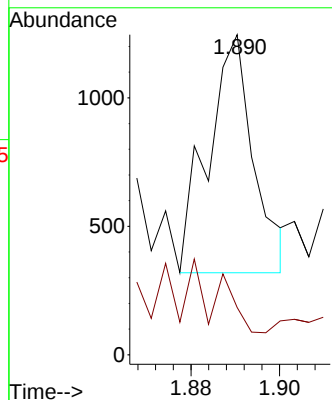
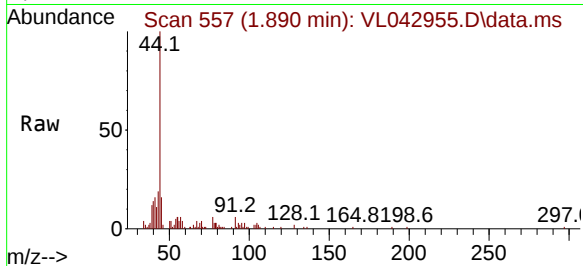




#13
Ethanol
Concen: 0.581 ppbv
RT: 1.890 min Scan# 51
Delta R.T. 0.171 min
Lab File: VL042955.D
Acq: 22 Sep 2025 12:30

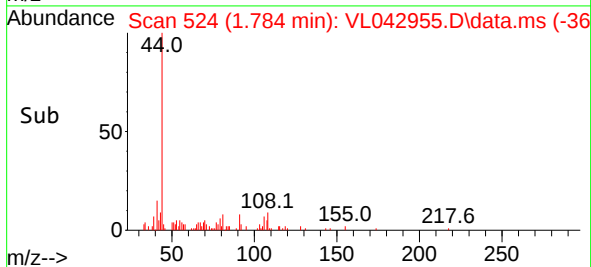
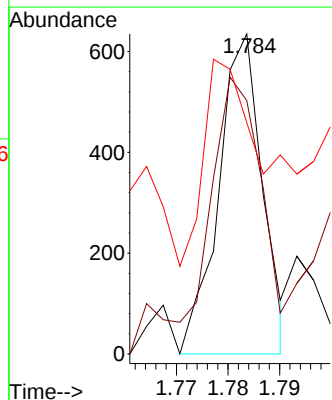
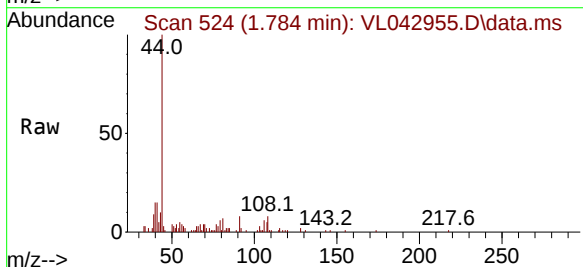
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.03

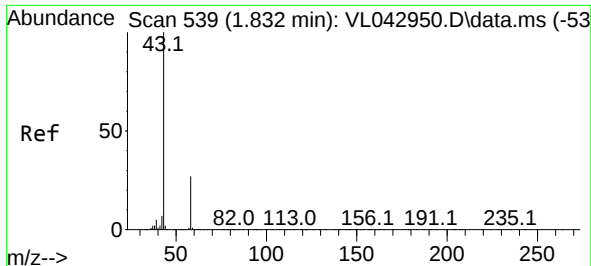
Tgt Ion: 45 Resp: 664
Ion Ratio Lower Upper
45 100
46 0.0 16.2 64.6#



#14
Bromoethene
Concen: 0.058 ppbv
RT: 1.784 min Scan# 524
Delta R.T. 0.003 min
Lab File: VL042955.D
Acq: 22 Sep 2025 12:30

Tgt Ion: 108 Resp: 376
Ion Ratio Lower Upper
108 100
106 155.3 86.0 129.0#
79 269.9 14.2 21.2#

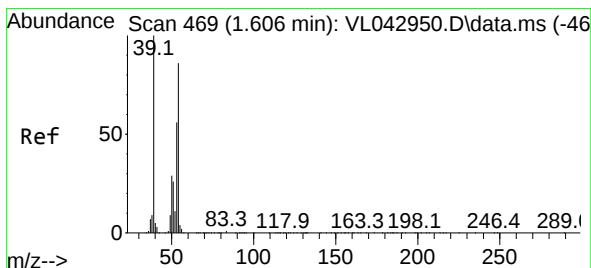
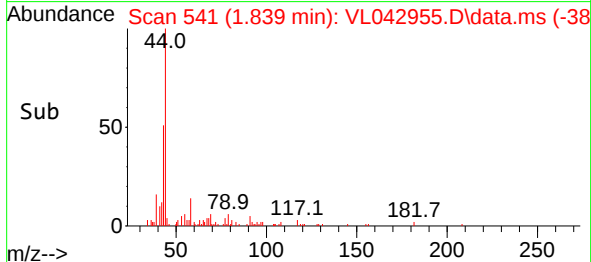
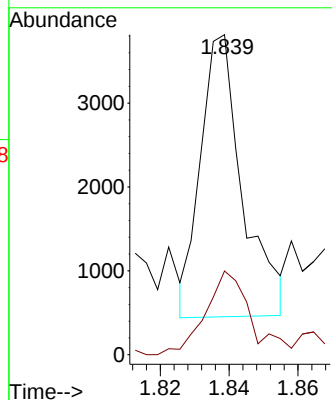
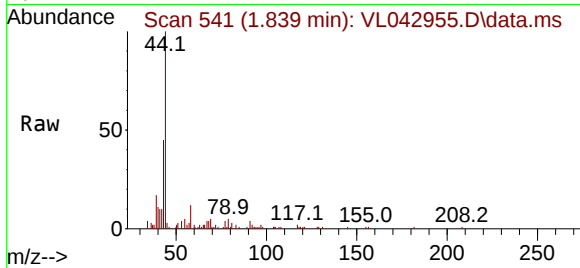




#15
Acetone
Concen: 0.134 ppbv
RT: 1.839 min Scan# 541
Delta R.T. 0.006 min
Lab File: VL042955.D
Acq: 22 Sep 2025 12:30

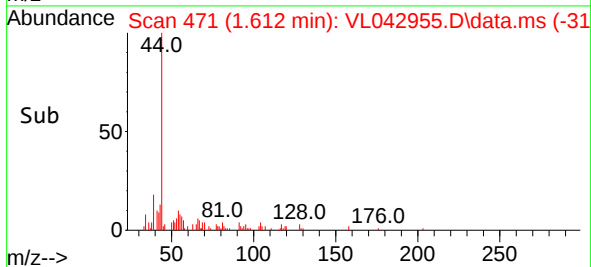
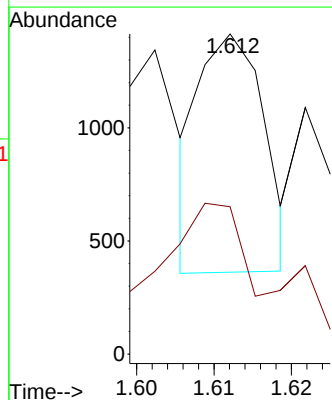
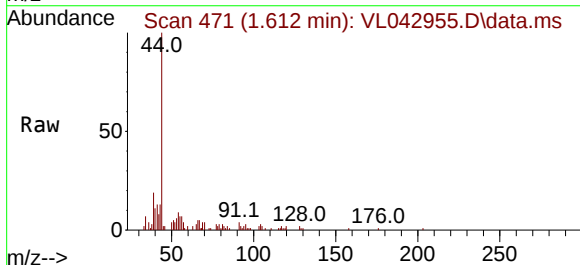
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.03

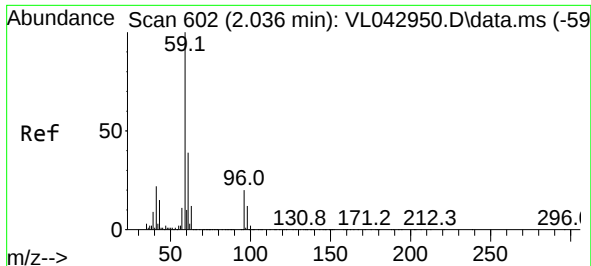
Tgt Ion: 43 Resp: 2845
Ion Ratio Lower Upper
43 100
58 31.6 22.3 33.5



#16
1,3-Butadiene
Concen: 0.061 ppbv
RT: 1.612 min Scan# 471
Delta R.T. 0.006 min
Lab File: VL042955.D
Acq: 22 Sep 2025 12:30

Tgt Ion: 39 Resp: 612
Ion Ratio Lower Upper
39 100
54 135.0 60.8 91.2#

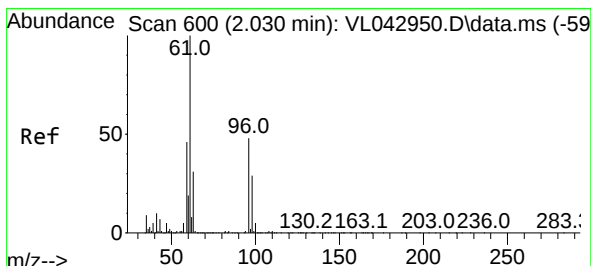
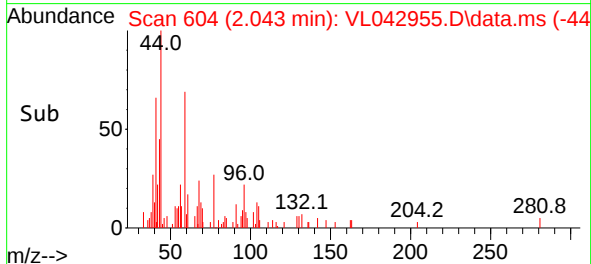
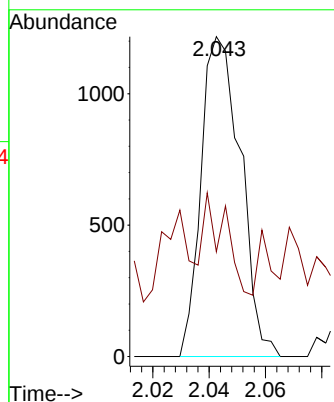
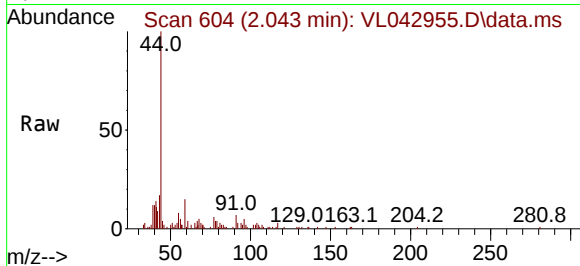




#17
tert-Butyl alcohol
Concen: 0.051 ppbv
RT: 2.043 min Scan# 604
Delta R.T. 0.006 min
Lab File: VL042955.D
Acq: 22 Sep 2025 12:30

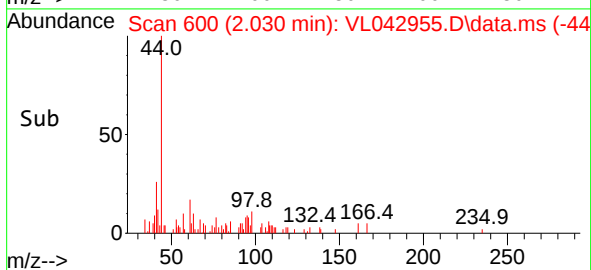
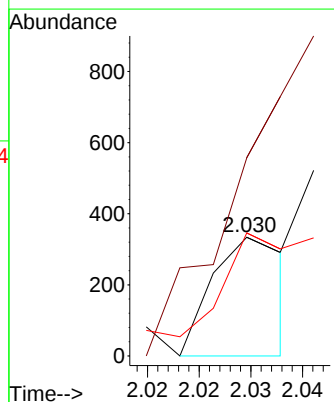
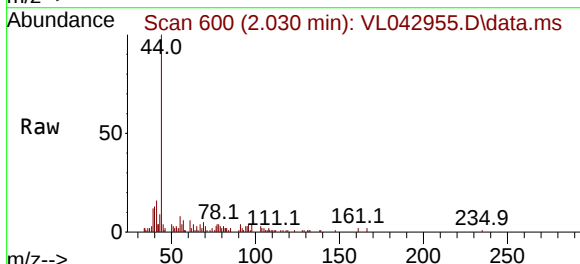
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.03

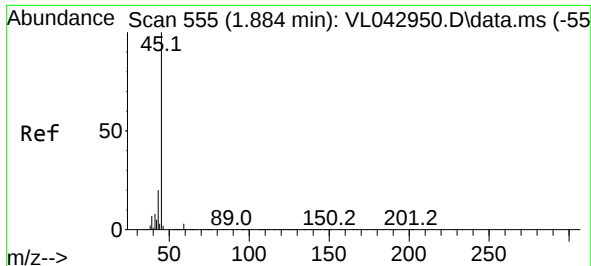
Tgt Ion: 59 Resp: 1183
Ion Ratio Lower Upper
59 100
57 88.8 8.6 12.8#



#18
1,1-Dichloroethene
Concen: 0.021 ppbv
RT: 2.030 min Scan# 600
Delta R.T. -0.000 min
Lab File: VL042955.D
Acq: 22 Sep 2025 12:30

Tgt Ion: 96 Resp: 166
Ion Ratio Lower Upper
96 100
61 139.8 166.2 249.4#
98 87.4 48.6 73.0#





#19

Isopropyl Alcohol

Concen: 0.052 ppbv

RT: 1.890 min Scan# 51

Delta R.T. 0.006 min

Lab File: VL042955.D

Acq: 22 Sep 2025 12:30

Instrument :

MSVOA_1

ClientSampleId :

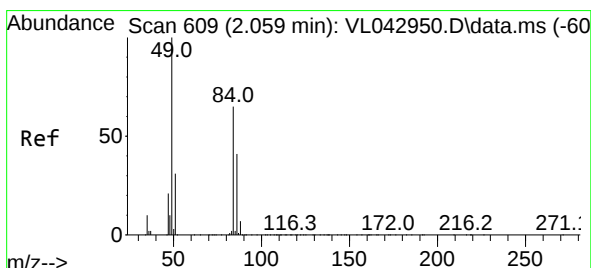
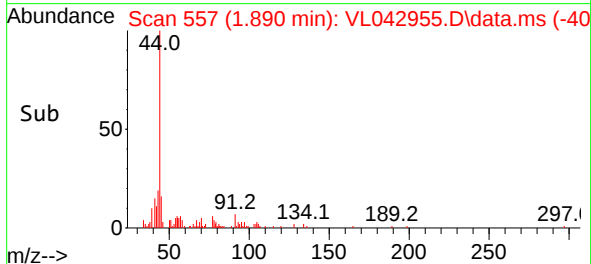
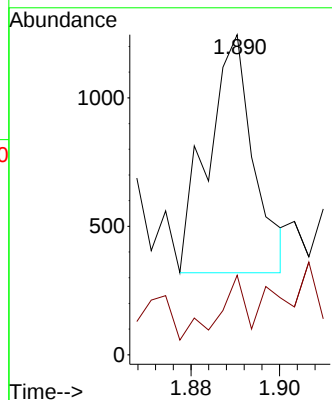
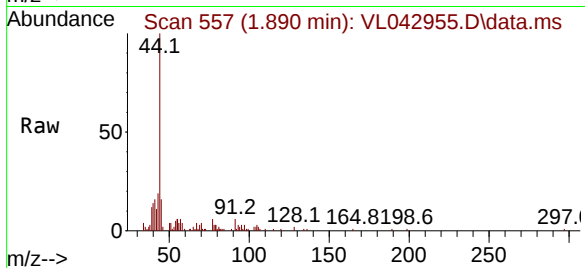
VSTDIC0.03

Tgt Ion: 45 Resp: 664

Ion Ratio Lower Upper

45 100

58 83.1 31.0 46.6#



#20

Methylene Chloride

Concen: Below Cal

RT: 2.062 min Scan# 610

Delta R.T. 0.003 min

Lab File: VL042955.D

Acq: 22 Sep 2025 12:30

Tgt Ion: 84 Resp: 2681

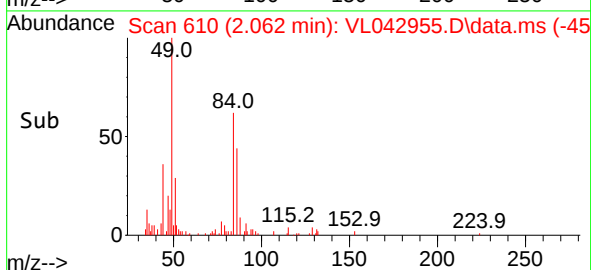
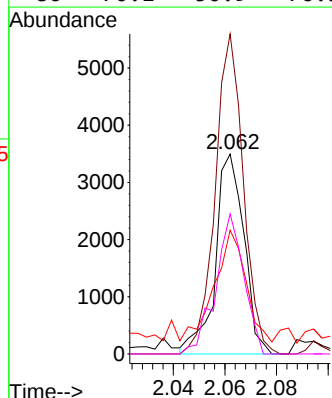
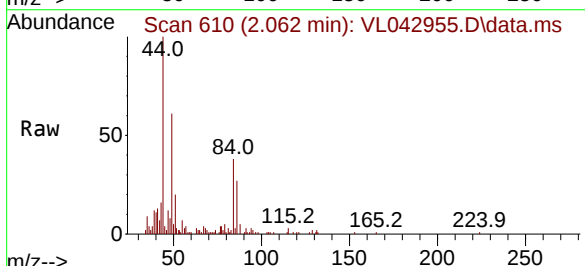
Ion Ratio Lower Upper

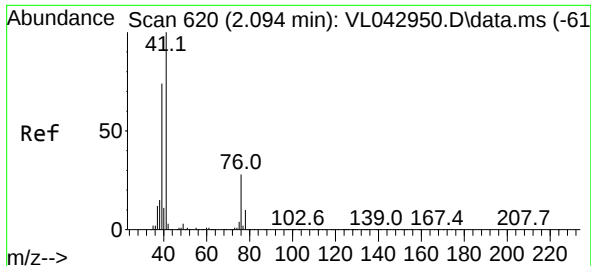
84 100

49 160.1 124.1 186.1

51 55.3 39.8 59.8

86 70.1 50.9 76.3

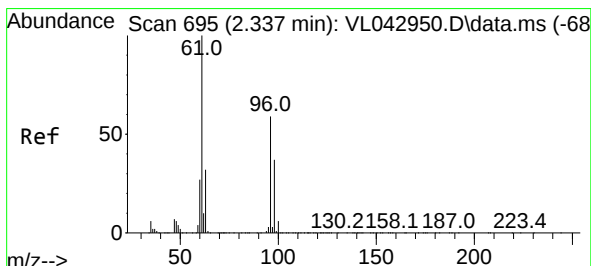
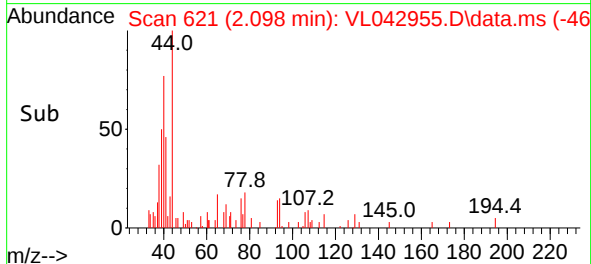
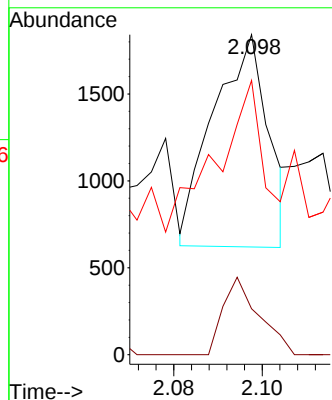
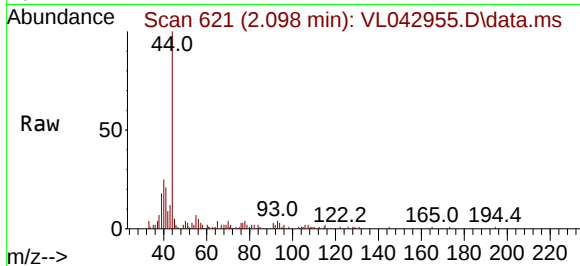




#21
 Allyl Chloride
 Concen: 0.071 ppbv
 RT: 2.098 min Scan# 61
 Delta R.T. 0.003 min
 Lab File: VL042955.D
 Acq: 22 Sep 2025 12:30

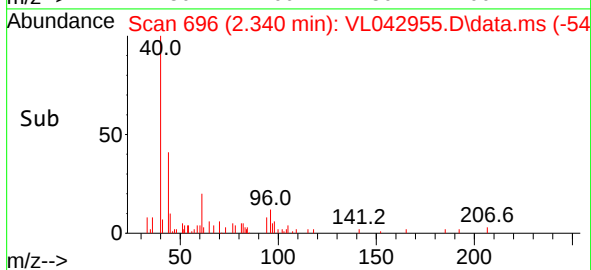
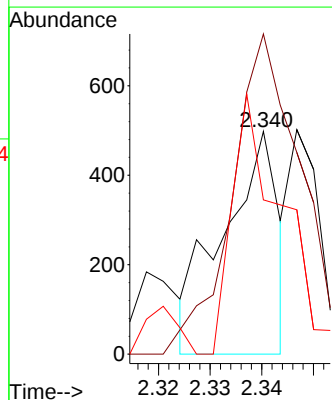
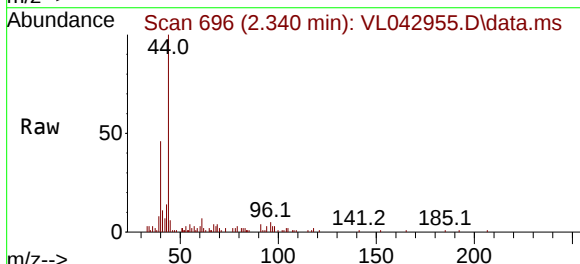
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.03

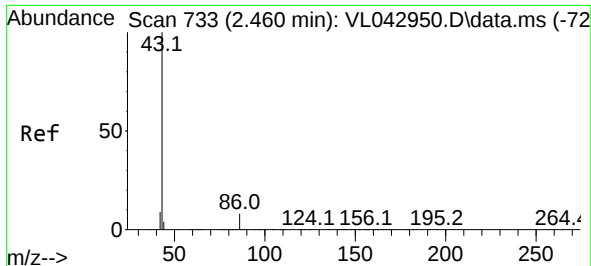
Tgt Ion: 41 Resp: 1053
 Ion Ratio Lower Upper
 41 100
 76 23.8 22.3 33.5
 39 137.6 61.3 91.9#



#22
 trans-1,2-Dichloroethene
 Concen: 0.041 ppbv
 RT: 2.340 min Scan# 696
 Delta R.T. 0.003 min
 Lab File: VL042955.D
 Acq: 22 Sep 2025 12:30

Tgt Ion: 96 Resp: 370
 Ion Ratio Lower Upper
 96 100
 61 176.5 136.5 204.7
 98 76.3 50.6 76.0#

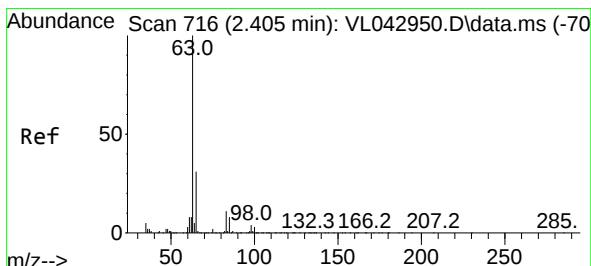
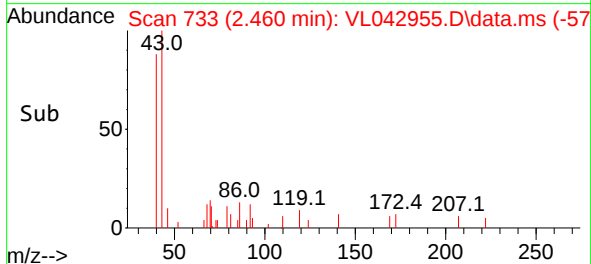
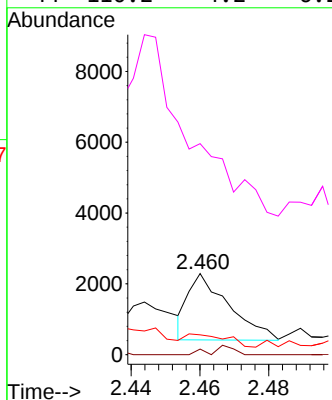
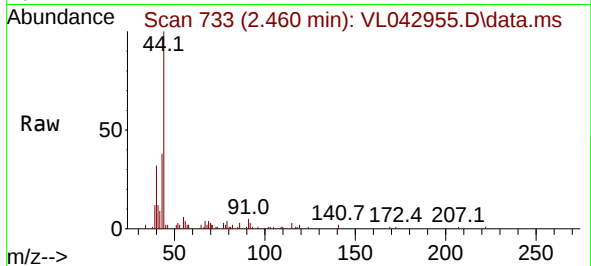




#23
 Vinyl Acetate
 Concen: 0.051 ppbv
 RT: 2.460 min Scan# 718
 Delta R.T. -0.000 min
 Lab File: VL042955.D
 Acq: 22 Sep 2025 12:30

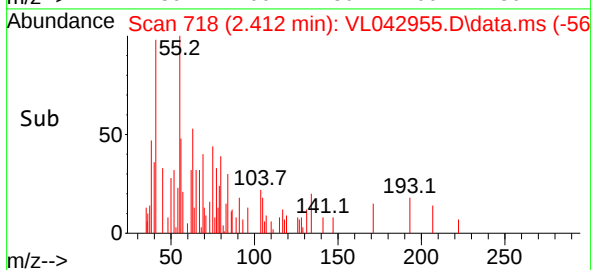
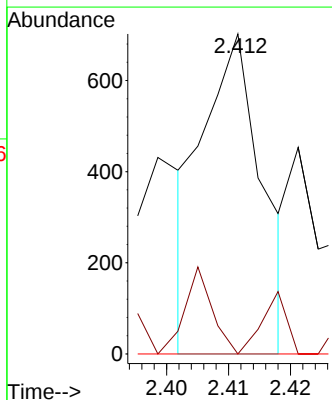
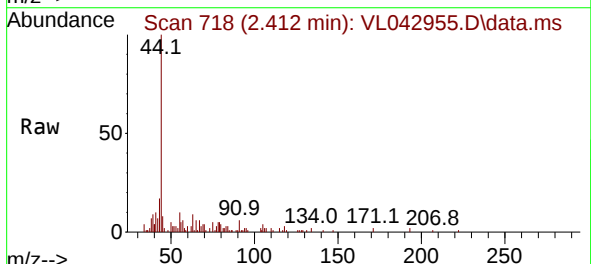
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDIC0.03

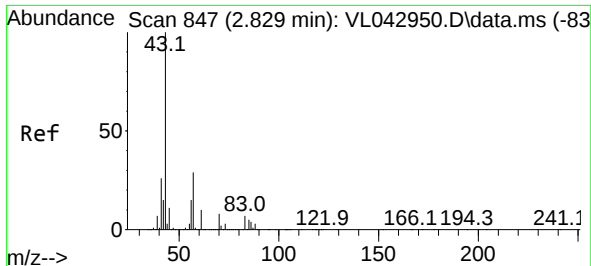
Tgt Ion:	43	Resp:	1543
Ion	Ratio	Lower	Upper
43	100		
86	8.6	6.2	9.2
42	18.0	7.4	11.0#
44	110.2	4.2	6.2#



#24
 1,1-Dichloroethane
 Concen: 0.027 ppbv
 RT: 2.412 min Scan# 718
 Delta R.T. 0.006 min
 Lab File: VL042955.D
 Acq: 22 Sep 2025 12:30

Tgt Ion:	63	Resp:	470
Ion	Ratio	Lower	Upper
63	100		
98	0.0	2.2	6.6#
100	0.0	1.4	4.0#

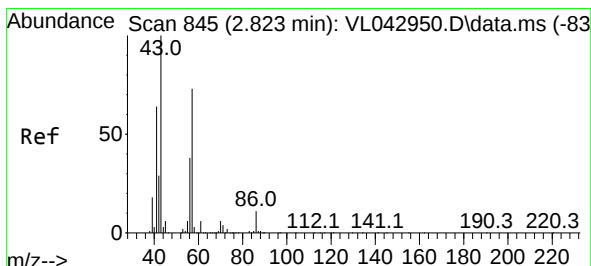
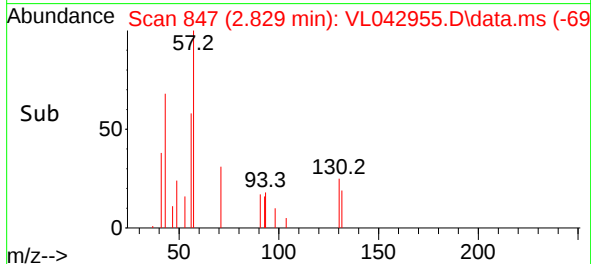
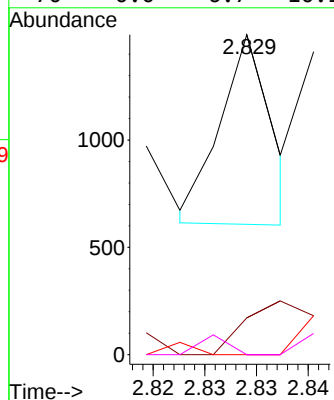
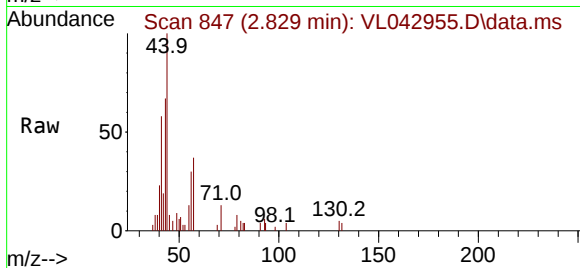




#25
Ethyl Acetate
Concen: 0.006 ppbv
RT: 2.829 min Scan# 847
Delta R.T. -0.000 min
Lab File: VL042955.D
Acq: 22 Sep 2025 12:30

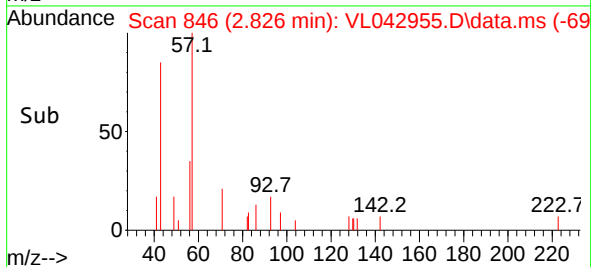
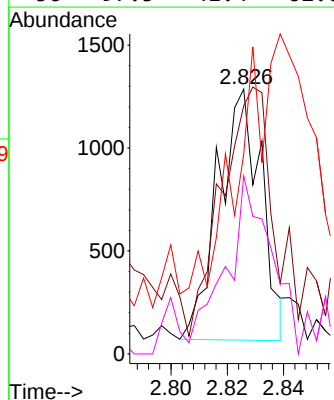
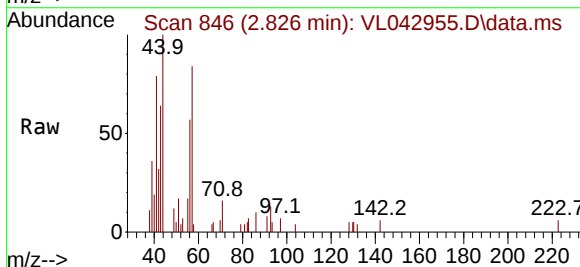
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.03

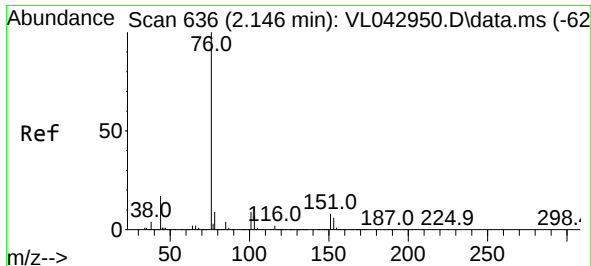
Tgt Ion: 43	Resp: 303
Ion Ratio	Lower Upper
43 100	
45 0.0	7.7 11.5#
61 0.0	7.1 10.7#
70 0.0	6.7 10.1#



#26
Hexane
Concen: 0.053 ppbv
RT: 2.826 min Scan# 846
Delta R.T. 0.003 min
Lab File: VL042955.D
Acq: 22 Sep 2025 12:30

Tgt Ion: 57	Resp:	1295	
Ion	Ratio	Lower	Upper
57	100		
41	103.6	71.7	107.5
43	0.0	180.8	271.2#
56	97.5	41.4	62.0#





#27

Carbon Disulfide

Concen: 0.039 ppbv

RT: 2.153 min Scan# 61

Delta R.T. 0.006 min

Lab File: VL042955.D

Acq: 22 Sep 2025 12:30

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.03

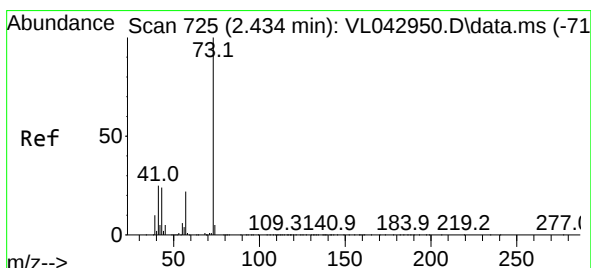
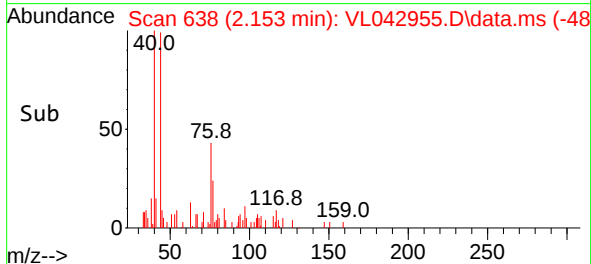
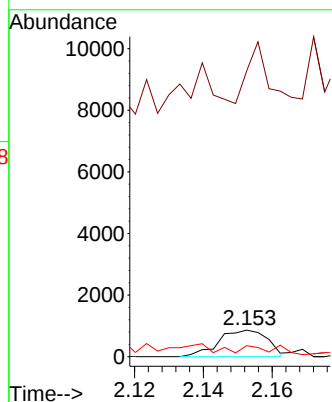
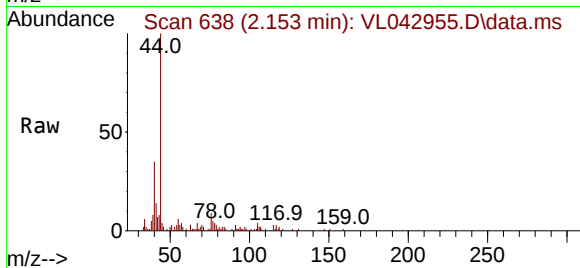
Tgt Ion: 76 Resp: 851

Ion Ratio Lower Upper

76 100

44 791.7 15.6 23.4#

78 0.0 8.9 13.3#



#28

Methyl tert-Butyl Ether

Concen: 0.047 ppbv

RT: 2.441 min Scan# 727

Delta R.T. 0.006 min

Lab File: VL042955.D

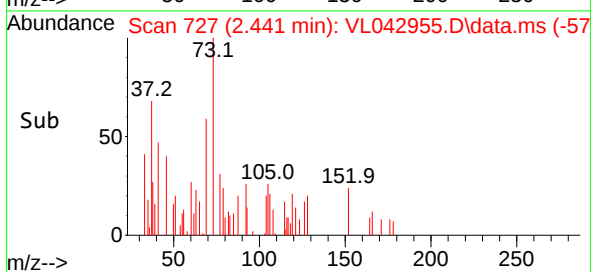
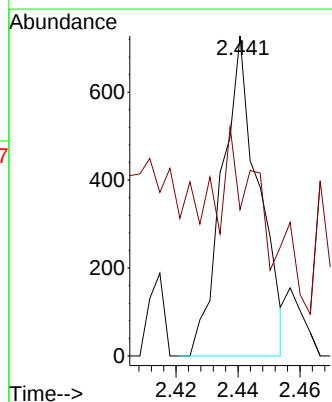
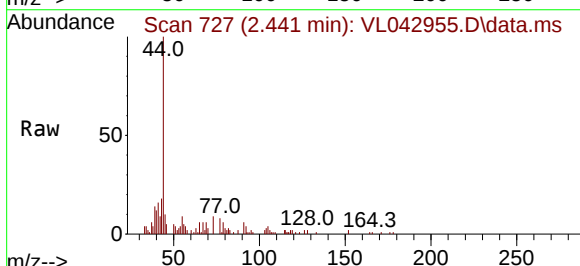
Acq: 22 Sep 2025 12:30

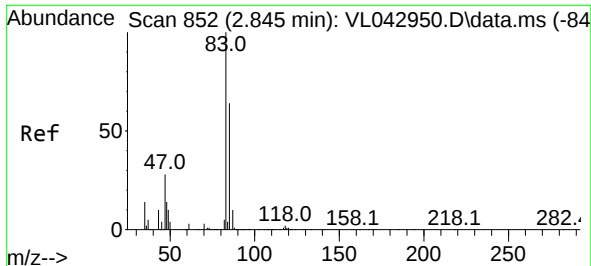
Tgt Ion: 73 Resp: 594

Ion Ratio Lower Upper

73 100

57 178.5 20.6 31.0#





#29

Chloroform

Concen: 0.003 ppbv

RT: 2.732 min Scan# 81

Delta R.T. -0.113 min

Lab File: VL042955.D

Acq: 22 Sep 2025 12:30

Instrument :

MSVOA_L

ClientSampleId :

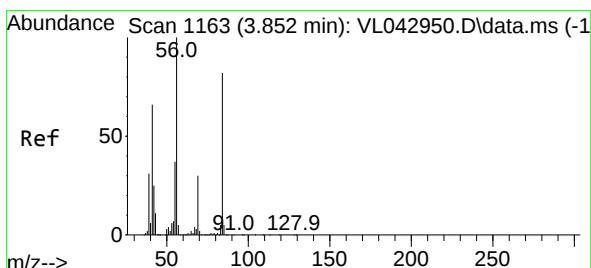
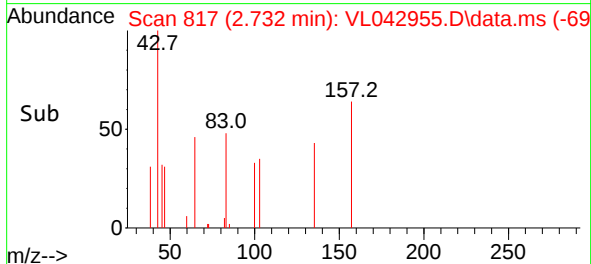
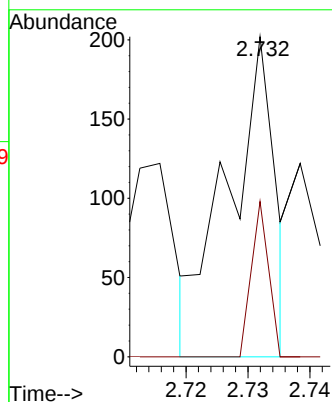
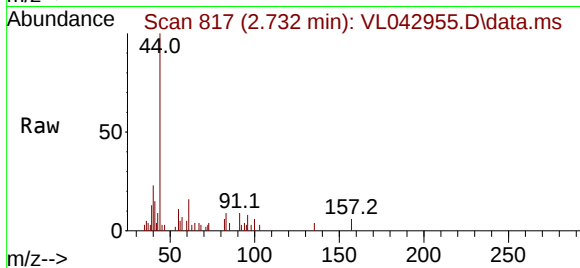
VSTDICC0.03

Tgt Ion: 83 Resp: 107

Ion Ratio Lower Upper

83 100

85 64.9 51.2 76.8



#30

Cyclohexane

Concen: 0.009 ppbv

RT: 3.862 min Scan# 1166

Delta R.T. 0.010 min

Lab File: VL042955.D

Acq: 22 Sep 2025 12:30

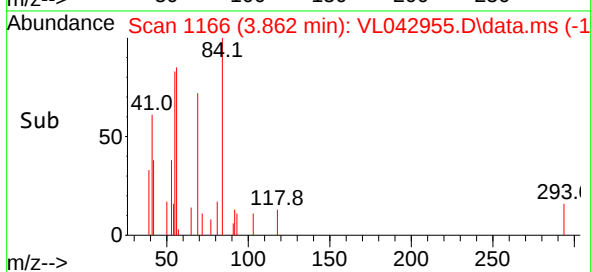
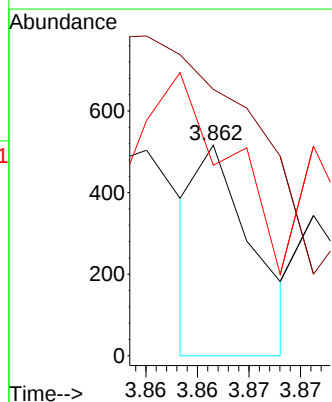
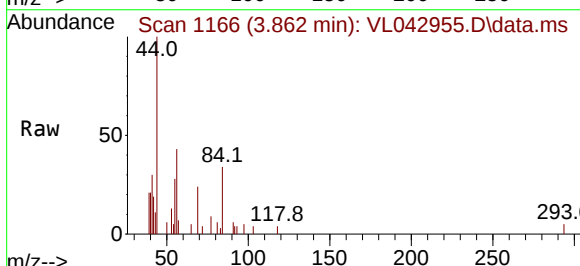
Tgt Ion: 84 Resp: 190

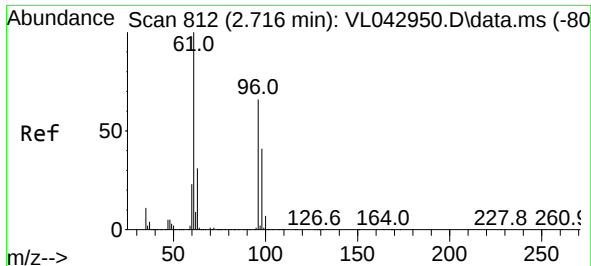
Ion Ratio Lower Upper

84 100

56 849.5 102.2 153.4#

41 0.0 65.6 98.4#

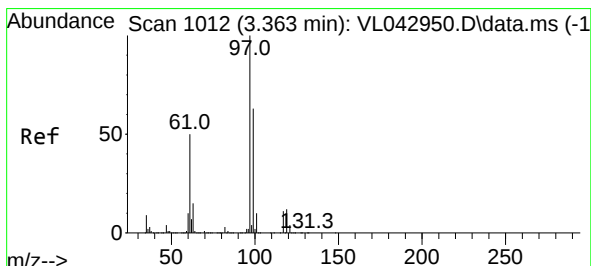
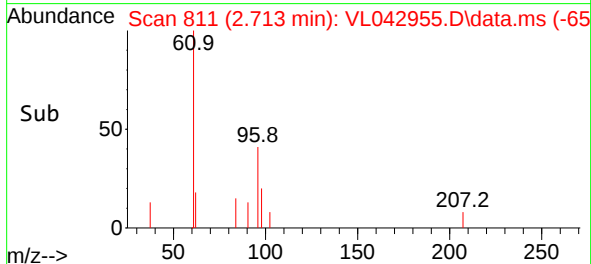
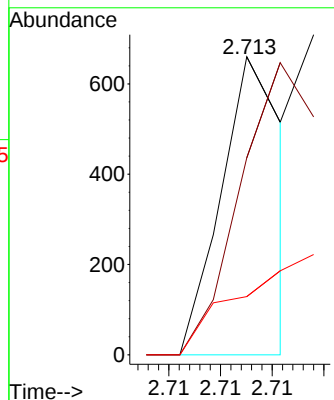
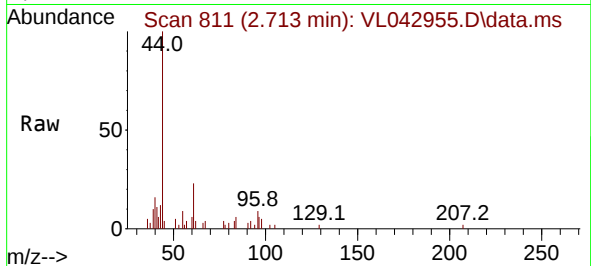




#31
 cis-1,2-Dichloroethene
 Concen: 0.012 ppbv
 RT: 2.713 min Scan# 81
 Delta R.T. -0.003 min
 Lab File: VL042955.D
 Acq: 22 Sep 2025 12:30

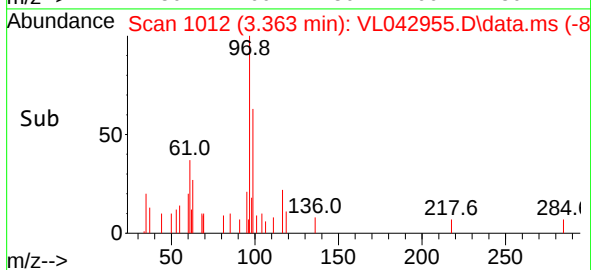
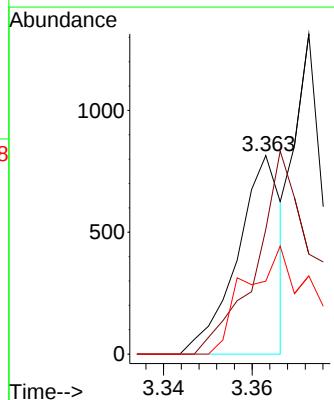
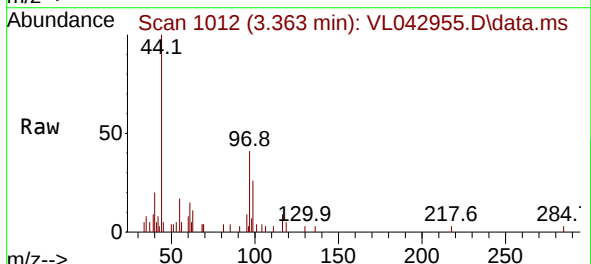
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.03

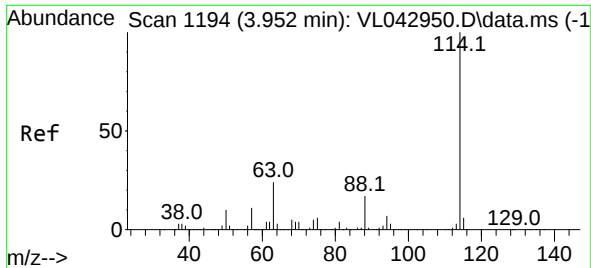
Tgt Ion: 61 Resp: 280
 Ion Ratio Lower Upper
 61 100
 96 66.1 53.0 79.6
 98 19.5 32.9 49.3#



#32
 1,1,1-Trichloroethane
 Concen: 0.016 ppbv
 RT: 3.363 min Scan# 1012
 Delta R.T. -0.000 min
 Lab File: VL042955.D
 Acq: 22 Sep 2025 12:30

Tgt Ion: 97 Resp: 562
 Ion Ratio Lower Upper
 97 100
 99 141.3 51.1 76.7#
 61 91.5 39.8 59.6#

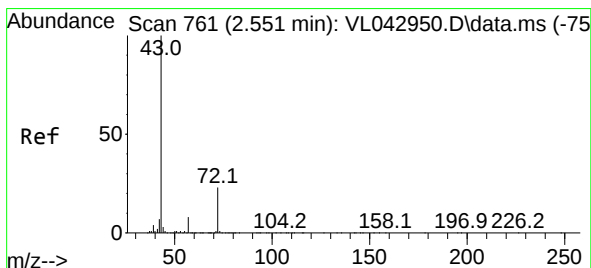
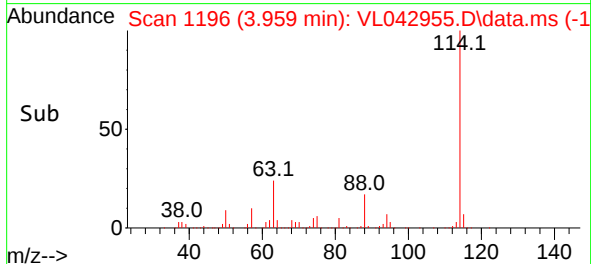
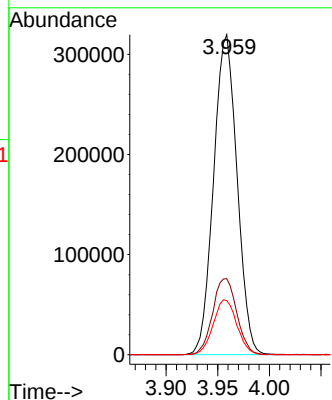
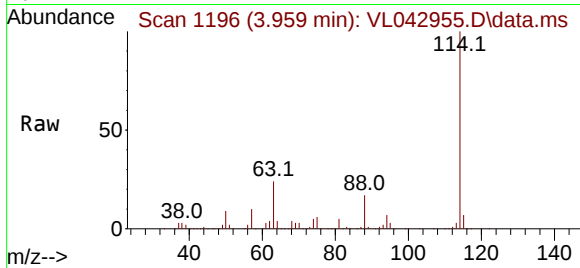




#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.959 min Scan# 1196
Delta R.T. 0.006 min
Lab File: VL042955.D
Acq: 22 Sep 2025 12:30

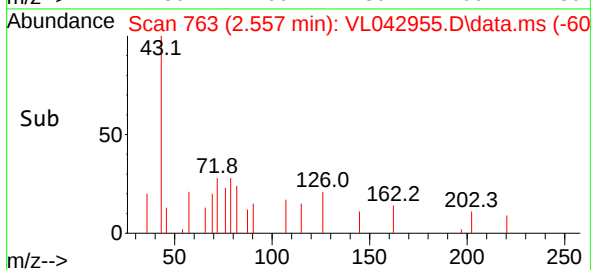
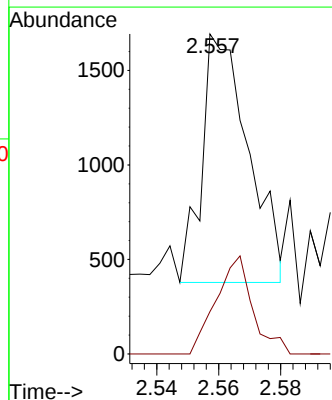
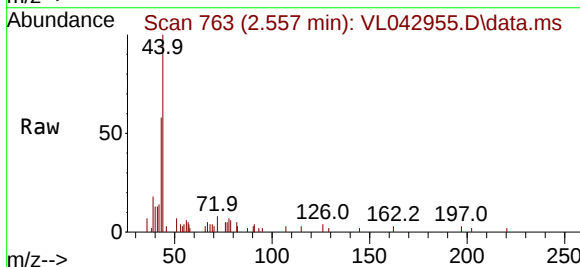
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03

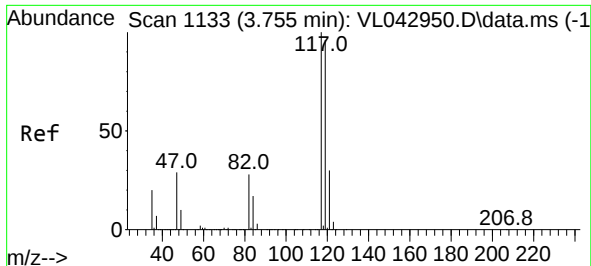
Tgt Ion:114 Resp: 504423
Ion Ratio Lower Upper
114 100
63 24.5 19.4 29.2
88 17.3 14.2 21.2



#34
2-Butanone
Concen: 0.039 ppbv
RT: 2.557 min Scan# 763
Delta R.T. 0.006 min
Lab File: VL042955.D
Acq: 22 Sep 2025 12:30

Tgt Ion: 43 Resp: 1365
Ion Ratio Lower Upper
43 100
72 31.1 17.7 26.5#

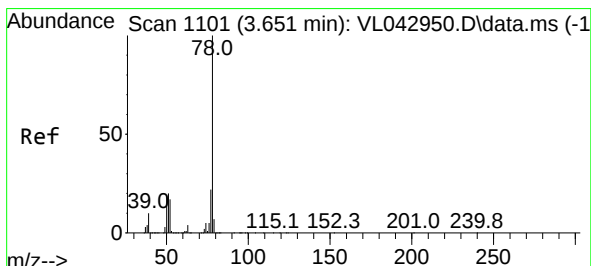
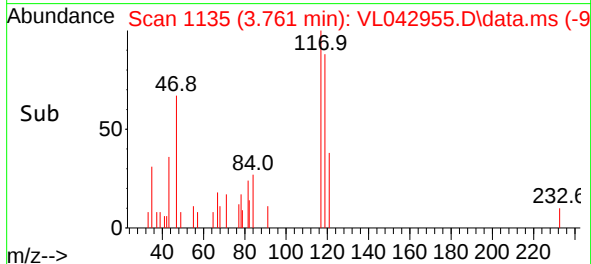
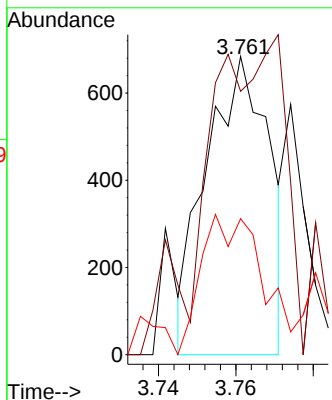
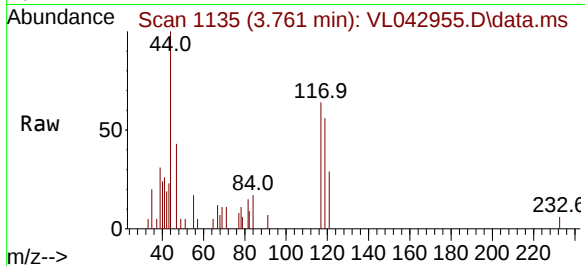




#35
Carbon Tetrachloride
Concen: 0.024 ppbv
RT: 3.761 min Scan# 1135
Delta R.T. 0.006 min
Lab File: VL042955.D
Acq: 22 Sep 2025 12:30

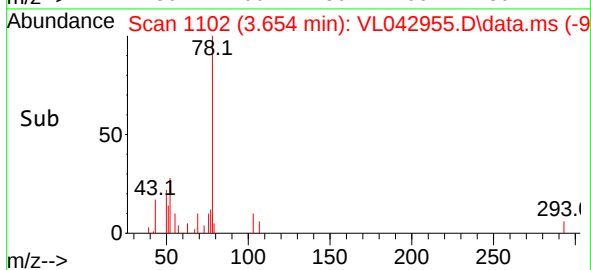
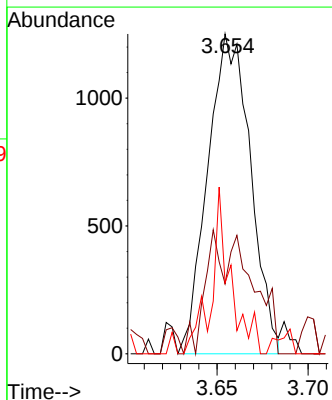
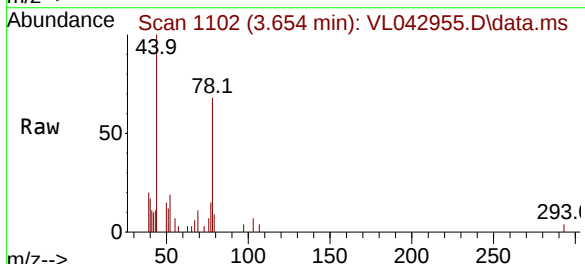
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03

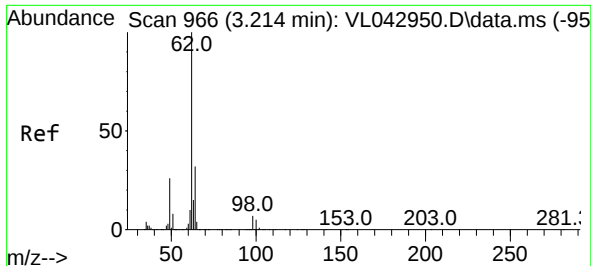
Tgt Ion:117 Resp: 771
Ion Ratio Lower Upper
117 100
119 80.3 76.9 115.3
121 56.4 23.7 35.5#



#36
Benzene
Concen: 0.043 ppbv
RT: 3.654 min Scan# 1102
Delta R.T. 0.003 min
Lab File: VL042955.D
Acq: 22 Sep 2025 12:30

Tgt Ion: 78 Resp: 2042
Ion Ratio Lower Upper
78 100
77 21.9 17.8 26.6
50 17.9 15.0 22.4





#37

1,2-Dichloroethane

Concen: 0.038 ppbv

RT: 3.217 min Scan# 9

Delta R.T. 0.003 min

Lab File: VL042955.D

Acq: 22 Sep 2025 12:30

Instrument :

MSVOA_L

ClientSampleId :

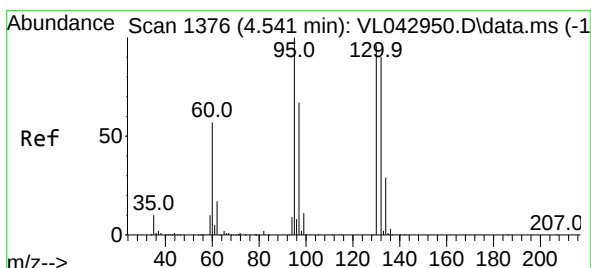
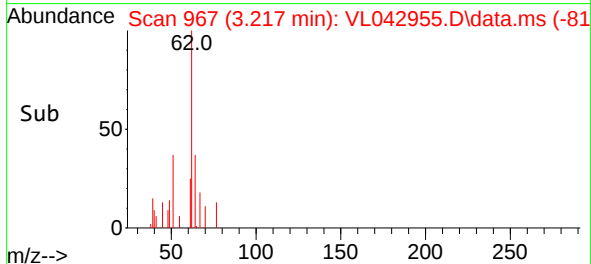
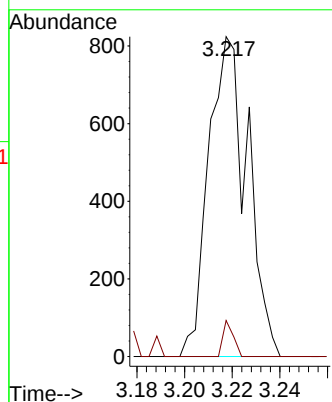
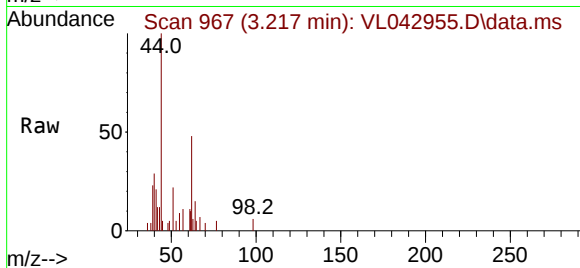
VSTDICC0.03

Tgt Ion: 62 Resp: 935

Ion Ratio Lower Upper

62 100

98 1.4 5.9 8.9#



#38

Trichloroethene

Concen: 0.015 ppbv

RT: 4.551 min Scan# 1379

Delta R.T. 0.010 min

Lab File: VL042955.D

Acq: 22 Sep 2025 12:30

Tgt Ion:130 Resp: 363

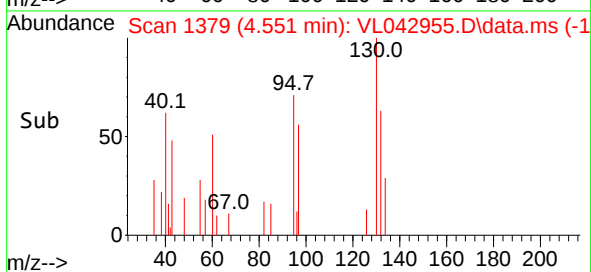
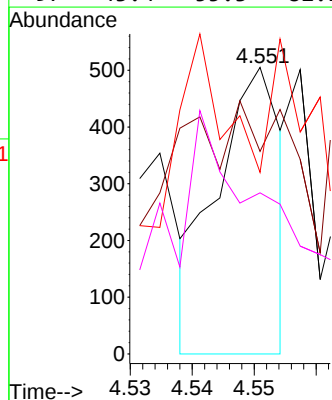
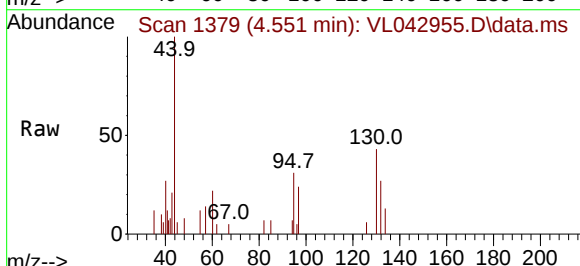
Ion Ratio Lower Upper

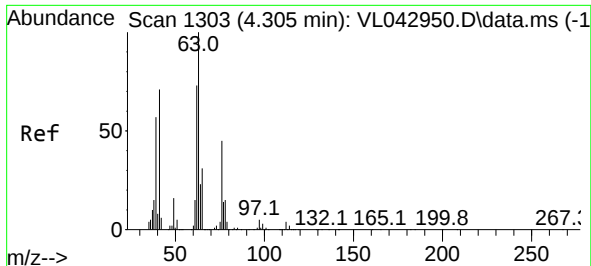
130 100

95 0.0 83.0 124.4#

132 0.0 74.6 112.0#

97 43.4 55.3 82.9#





#39

1,2-Dichloropropane

Concen: 7.144 ppbv

RT: 3.959 min Scan# 1196

Delta R.T. -0.346 min

Lab File: VL042955.D

Acq: 22 Sep 2025 12:30

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.03

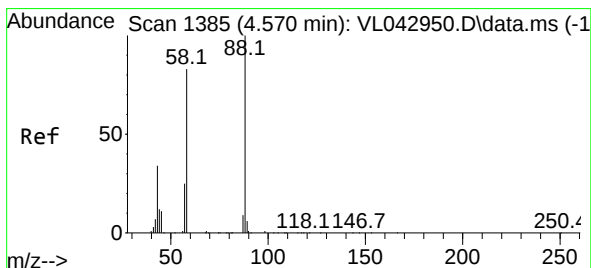
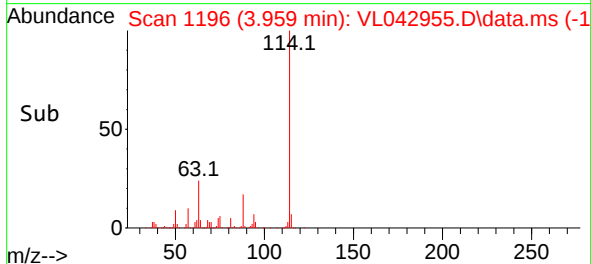
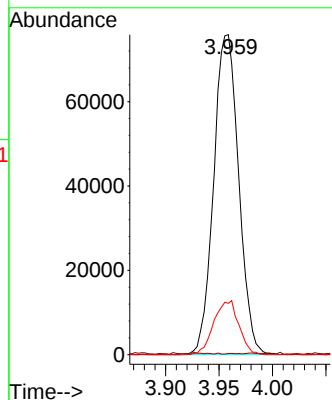
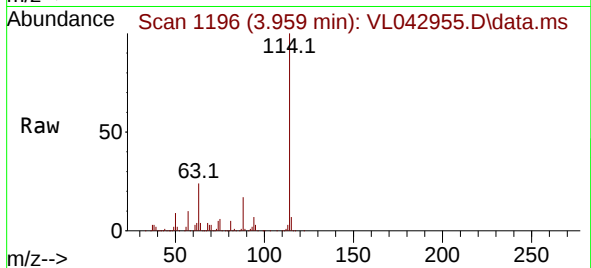
Tgt Ion: 63 Resp: 123623

Ion Ratio Lower Upper

63 100

41 0.0 57.5 86.3#

62 16.1 58.5 87.7#



#40

1,4-Dioxane

Concen: 0.022 ppbv

RT: 4.619 min Scan# 1400

Delta R.T. 0.048 min

Lab File: VL042955.D

Acq: 22 Sep 2025 12:30

Tgt Ion: 88 Resp: 180

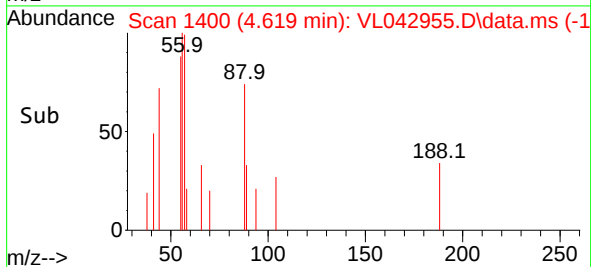
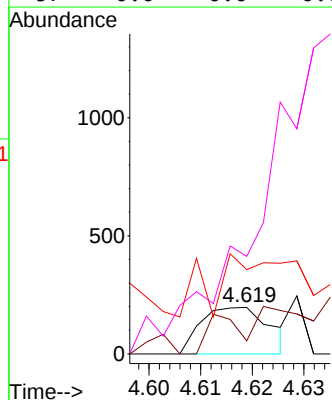
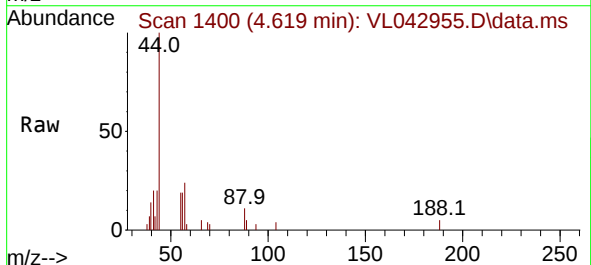
Ion Ratio Lower Upper

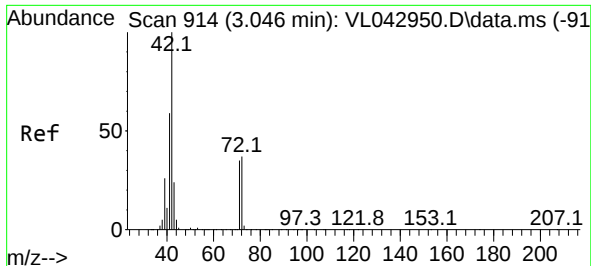
88 100

58 0.0 59.7 89.5#

43 94.4 28.9 43.3#

57 0.0 0.0 0.0

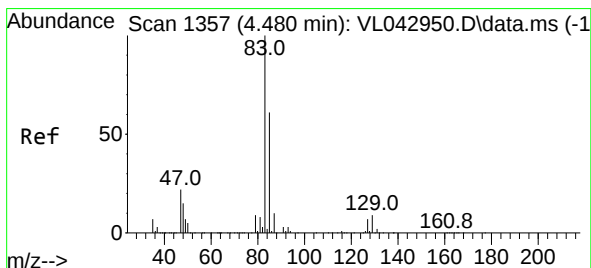
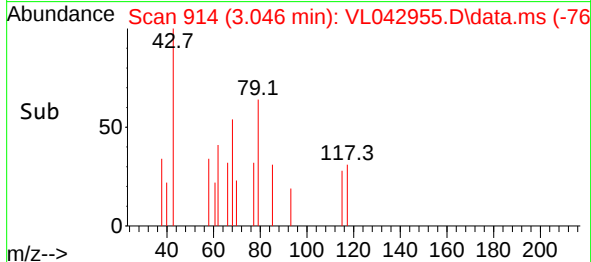
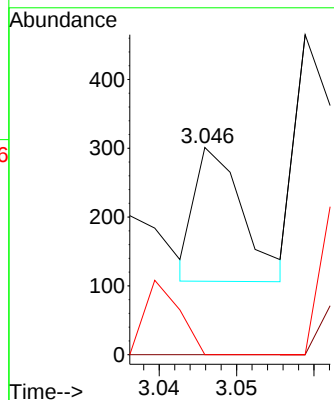
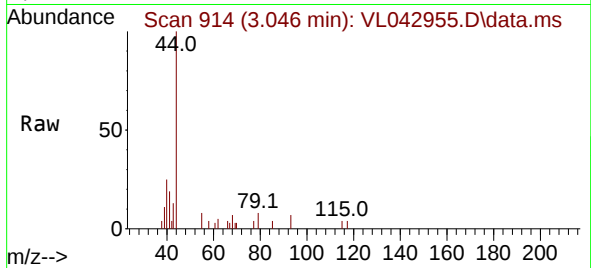




#41
Tetrahydrofuran
Concen: 0.004 ppbv
RT: 3.046 min Scan# 914
Delta R.T. -0.000 min
Lab File: VL042955.D
Acq: 22 Sep 2025 12:30

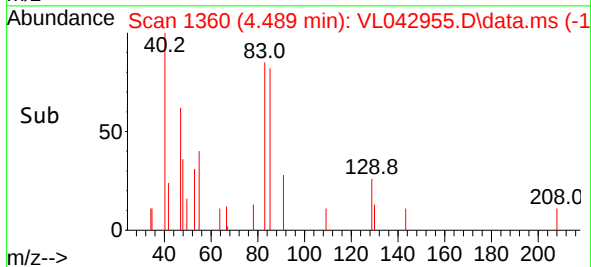
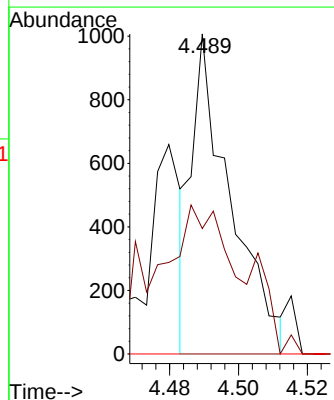
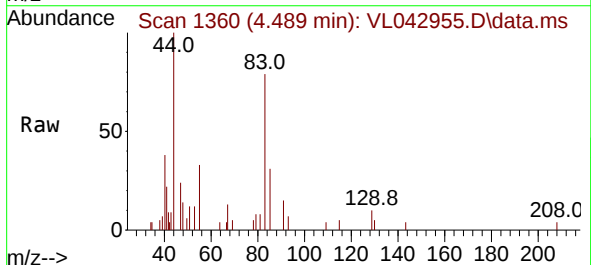
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.03

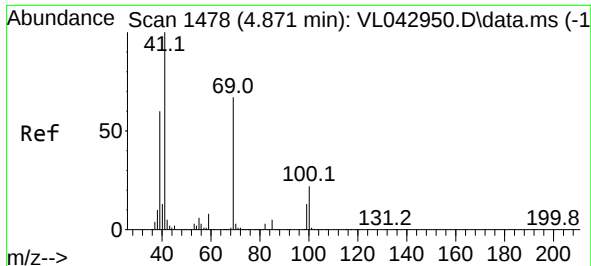
Tgt Ion: 42 Resp: 84
Ion Ratio Lower Upper
42 100
72 0.0 30.0 45.0#
71 0.0 28.8 43.2#



#42
Bromodichloromethane
Concen: 0.023 ppbv
RT: 4.489 min Scan# 1360
Delta R.T. 0.010 min
Lab File: VL042955.D
Acq: 22 Sep 2025 12:30

Tgt Ion: 83 Resp: 785
Ion Ratio Lower Upper
83 100
85 44.3 49.0 73.6#
127 0.0 5.3 7.9#

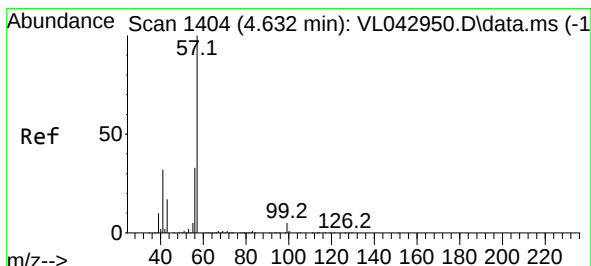
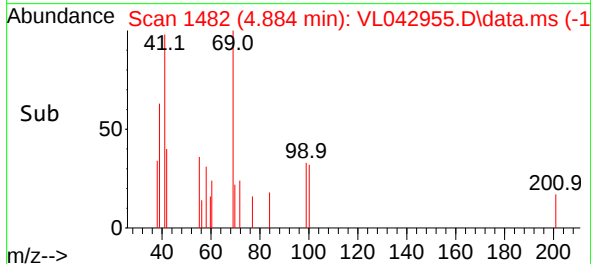
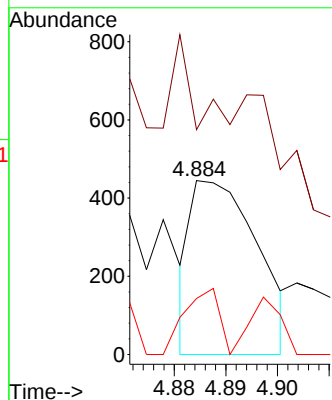
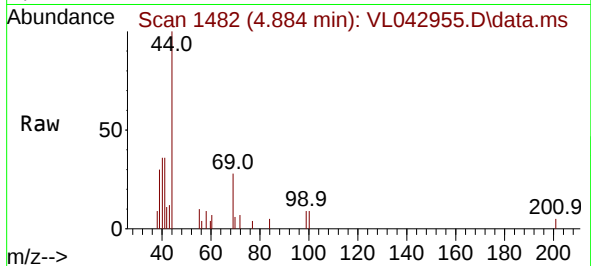




#43
Methyl Methacrylate
Concen: 0.021 ppbv
RT: 4.884 min Scan# 1478
Delta R.T. 0.013 min
Lab File: VL042955.D
Acq: 22 Sep 2025 12:30

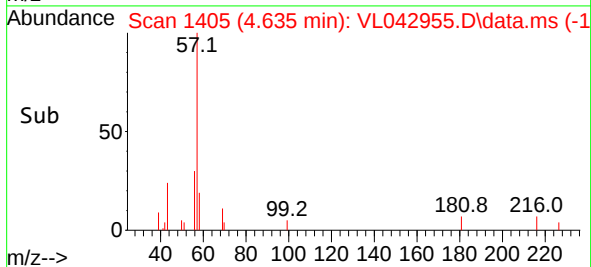
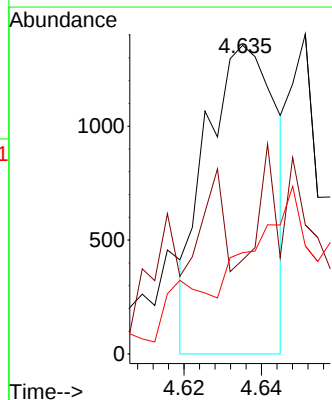
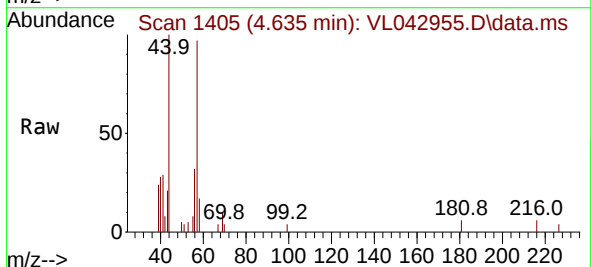
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.03

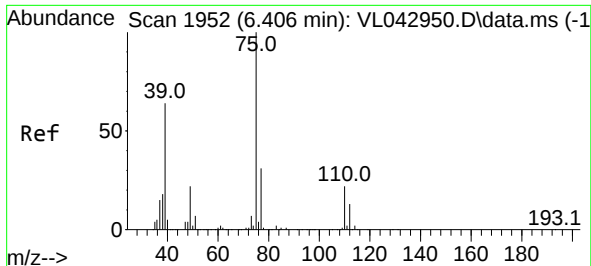
Tgt Ion: 69 Resp: 399
Ion Ratio Lower Upper
69 100
41 527.8 124.5 186.7#
100 35.3 29.0 43.6



#44
2,2,4-Trimethylpentane
Concen: 0.021 ppbv
RT: 4.635 min Scan# 1405
Delta R.T. 0.003 min
Lab File: VL042955.D
Acq: 22 Sep 2025 12:30

Tgt Ion: 57 Resp: 1698
Ion Ratio Lower Upper
57 100
41 103.9 25.5 38.3#
56 0.0 25.8 38.8#

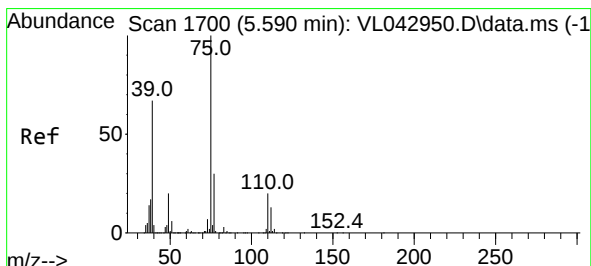
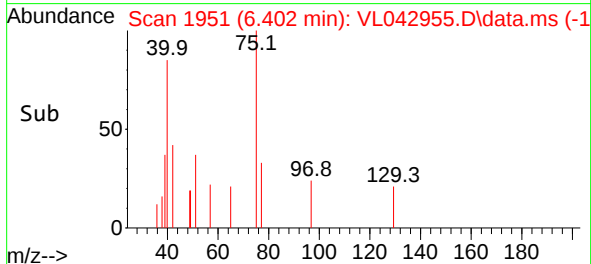
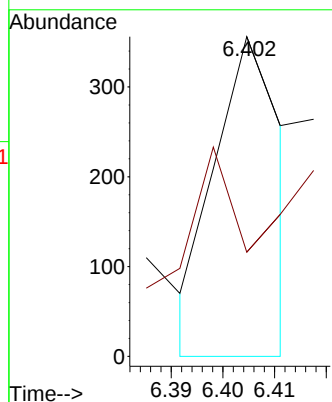
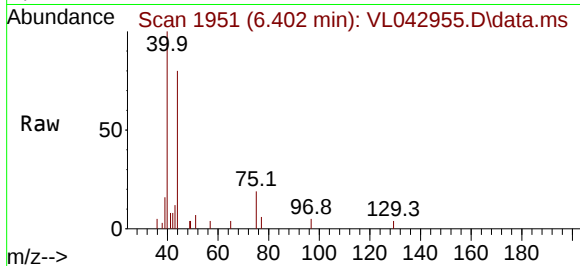




#45
 t-1,3-Dichloropropene
 Concen: 0.008 ppbv
 RT: 6.402 min Scan# 1951
 Delta R.T. -0.003 min
 Lab File: VL042955.D
 Acq: 22 Sep 2025 12:30

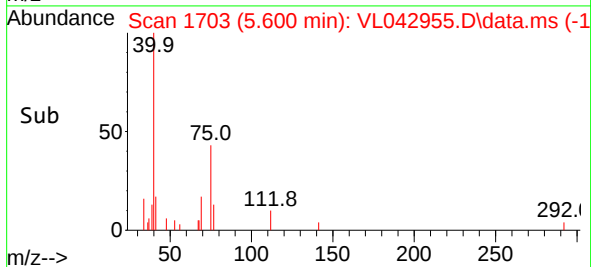
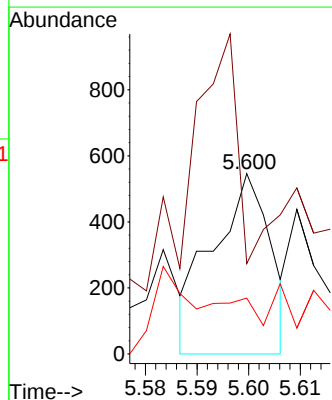
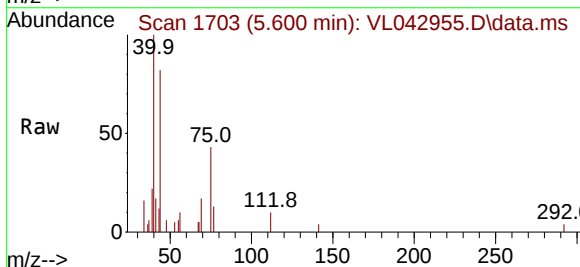
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.03

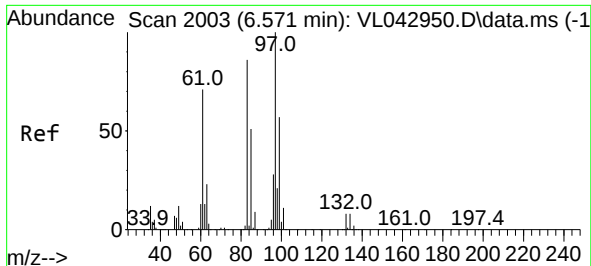
Tgt Ion: 75 Resp: 159
 Ion Ratio Lower Upper
 75 100
 77 32.6 25.0 37.4



#46
 cis-1,3-Dichloropropene
 Concen: 0.016 ppbv
 RT: 5.600 min Scan# 1703
 Delta R.T. 0.010 min
 Lab File: VL042955.D
 Acq: 22 Sep 2025 12:30

Tgt Ion: 75 Resp: 424
 Ion Ratio Lower Upper
 75 100
 39 4.1 53.8 80.6#
 77 0.0 23.6 35.4#

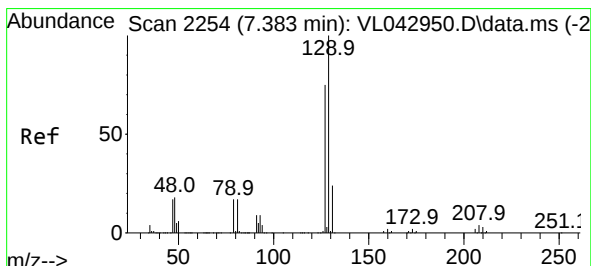
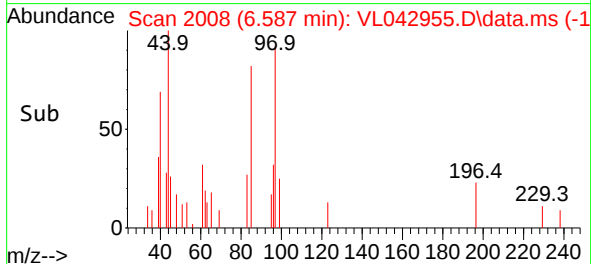
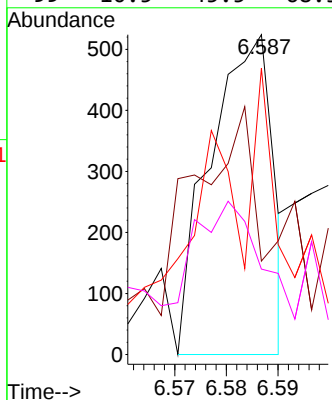
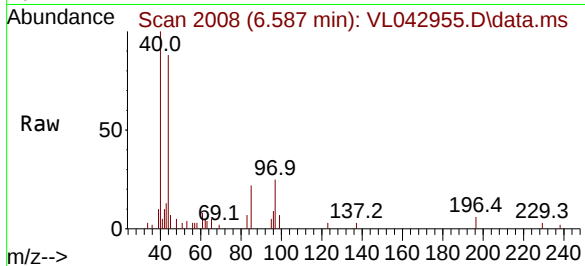




#47
1,1,2-Trichloroethane
Concen: 0.024 ppbv
RT: 6.587 min Scan# 2008
Delta R.T. 0.016 min
Lab File: VL042955.D
Acq: 22 Sep 2025 12:30

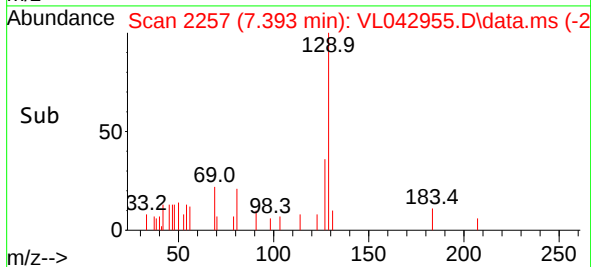
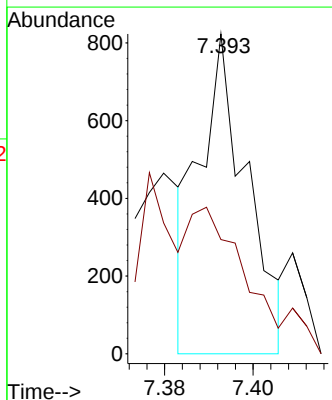
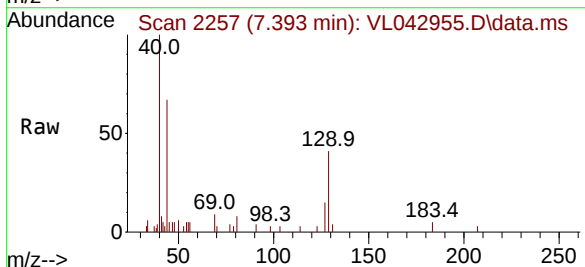
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.03

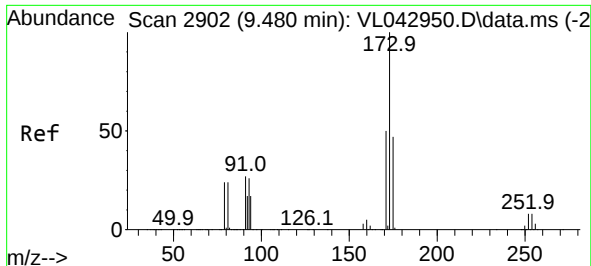
Tgt Ion: 97 Resp: 443
Ion Ratio Lower Upper
97 100
83 0.0 68.7 103.1#
85 59.5 40.6 60.8
99 10.5 45.5 68.3#



#48
Dibromochloromethane
Concen: 0.021 ppbv
RT: 7.393 min Scan# 2257
Delta R.T. 0.010 min
Lab File: VL042955.D
Acq: 22 Sep 2025 12:30

Tgt Ion: 129 Resp: 612
Ion Ratio Lower Upper
129 100
127 0.0 39.1 117.2#





#49

Bromoform

Concen: 0.030 ppbv

RT: 9.484 min Scan# 2902

Delta R.T. 0.003 min

Lab File: VL042955.D

Acq: 22 Sep 2025 12:30

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC0.03

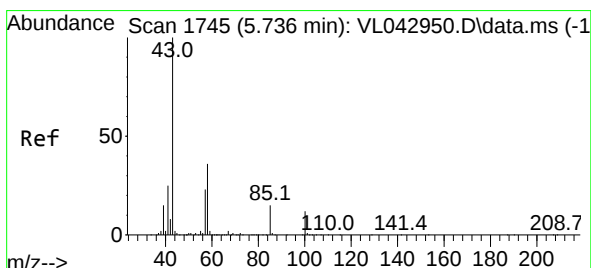
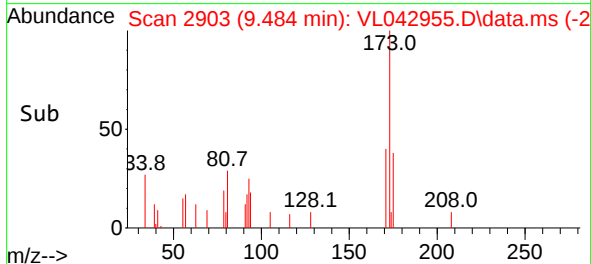
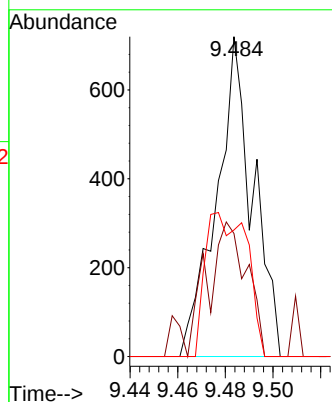
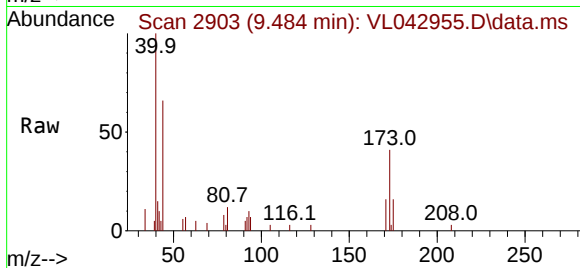
Tgt Ion:173 Resp: 766

Ion Ratio Lower Upper

173 100

175 53.1 37.9 56.9

171 51.4 41.1 61.7



#50

4-Methyl-2-Pentanone

Concen: 0.001 ppbv

RT: 5.742 min Scan# 1747

Delta R.T. 0.006 min

Lab File: VL042955.D

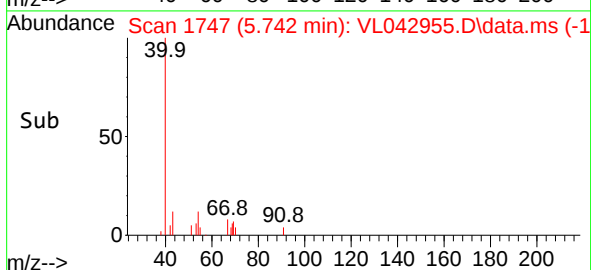
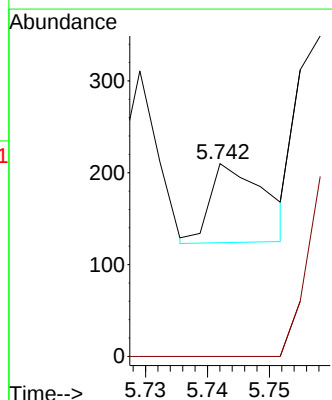
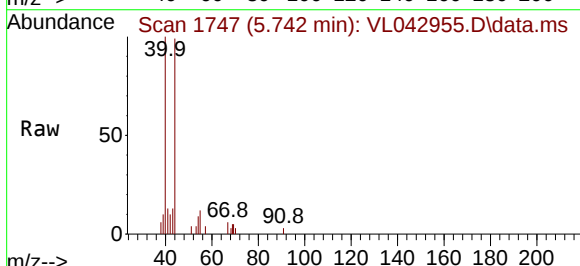
Acq: 22 Sep 2025 12:30

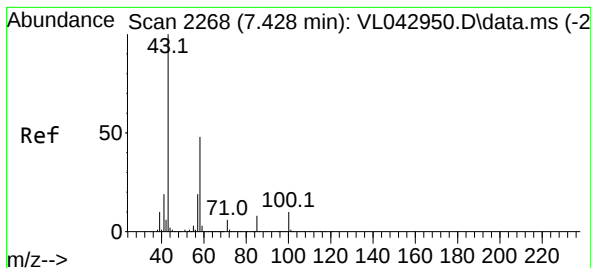
Tgt Ion: 43 Resp: 53

Ion Ratio Lower Upper

43 100

58 0.0 28.4 42.6#





#51

2-Hexanone

Concen: 0.005 ppbv

RT: 7.435 min Scan# 21

Delta R.T. 0.006 min

Lab File: VL042955.D

Acq: 22 Sep 2025 12:30

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC0.03

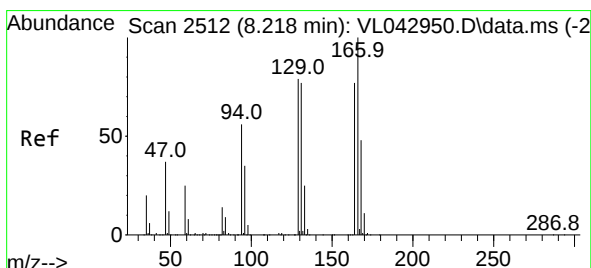
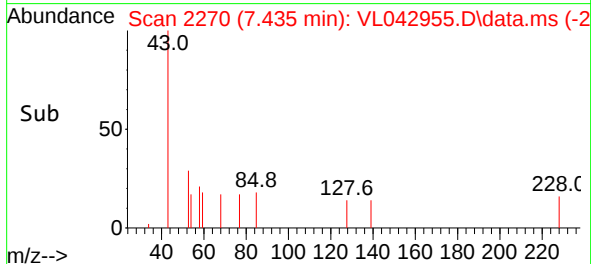
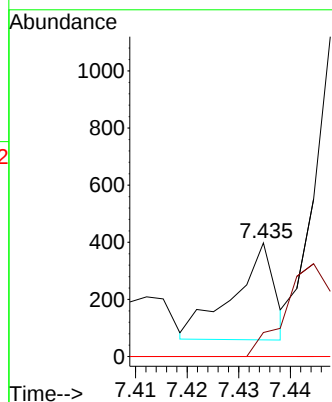
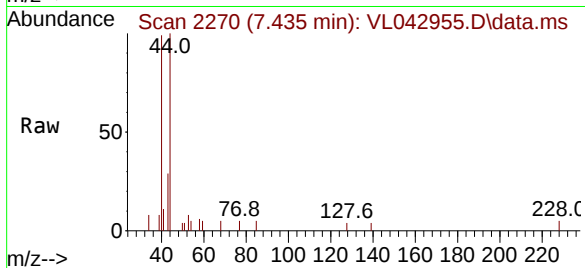
Tgt Ion: 43 Resp: 189

Ion Ratio Lower Upper

43 100

58 0.0 39.7 59.5#

98 0.0 0.1 0.1#



#52

Tetrachloroethene

Concen: 0.017 ppbv

RT: 8.231 min Scan# 2516

Delta R.T. 0.013 min

Lab File: VL042955.D

Acq: 22 Sep 2025 12:30

Tgt Ion: 164 Resp: 316

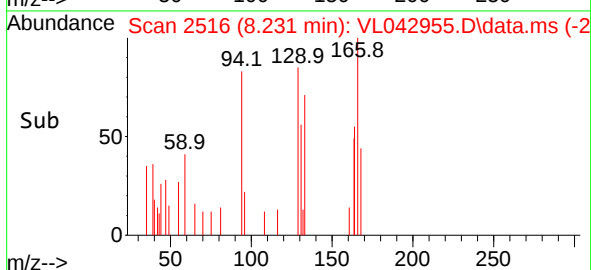
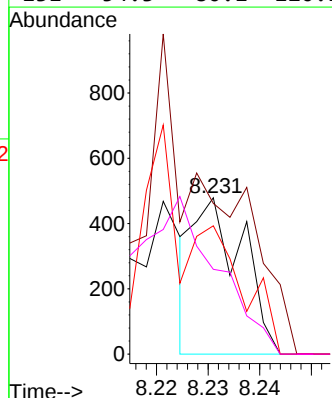
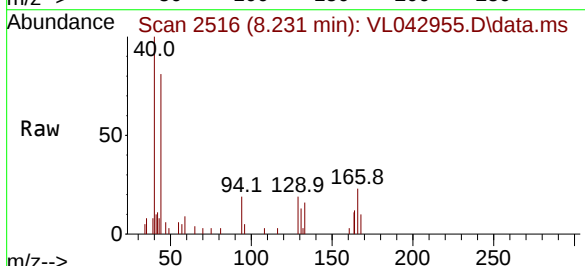
Ion Ratio Lower Upper

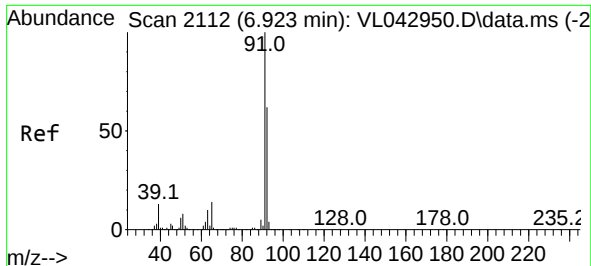
164 100

166 52.0 103.5 155.3#

129 82.0 82.2 123.4#

131 54.3 80.1 120.1#

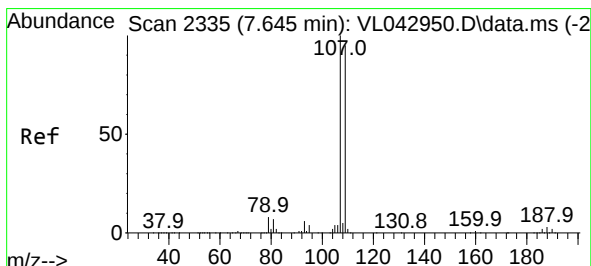
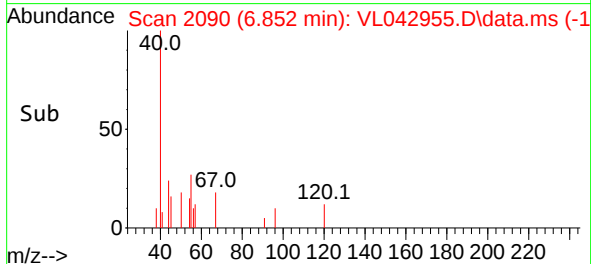
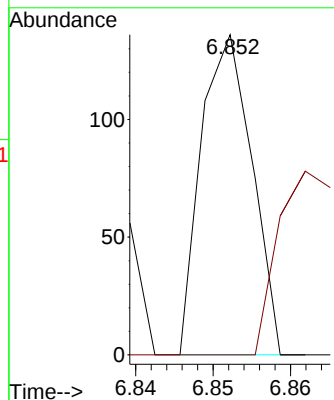
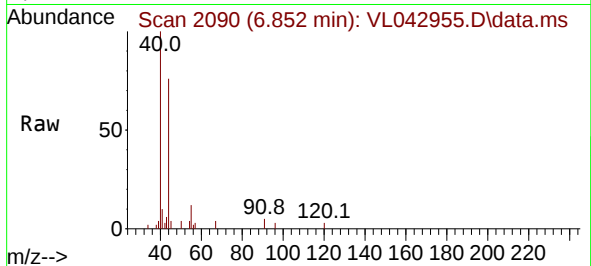




#53
Toluene
Concen: 0.001 ppbv
RT: 6.852 min Scan# 2112
Delta R.T. -0.071 min
Lab File: VL042955.D
Acq: 22 Sep 2025 12:30

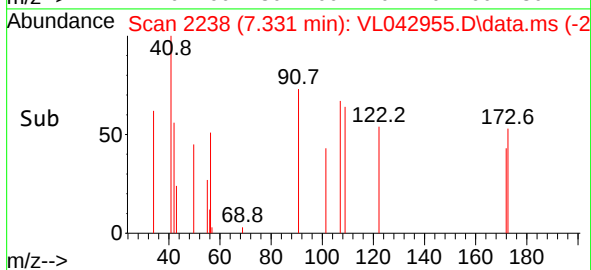
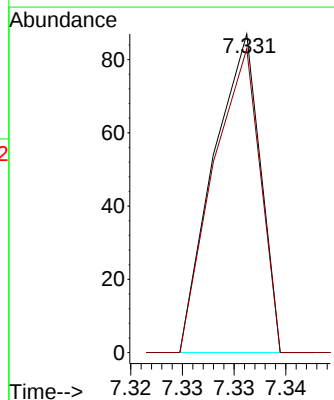
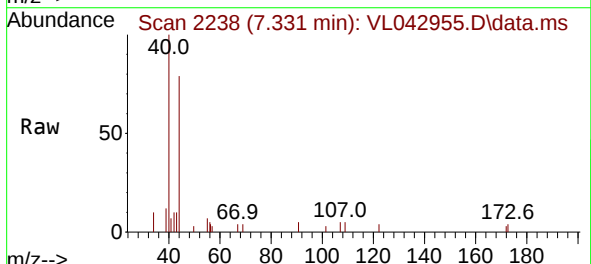
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.03

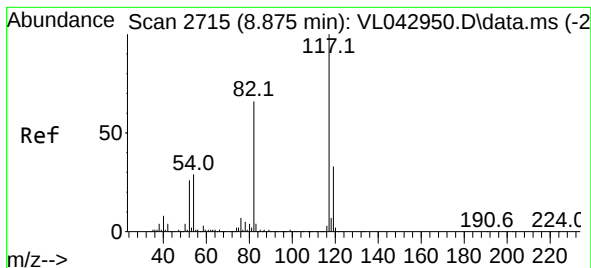
Tgt Ion: 91 Resp: 62
Ion Ratio Lower Upper
91 100
92 64.5 48.2 72.2



#54
1,2-Dibromoethane
Concen: 0.001 ppbv
RT: 7.331 min Scan# 2238
Delta R.T. -0.314 min
Lab File: VL042955.D
Acq: 22 Sep 2025 12:30

Tgt Ion: 107 Resp: 27
Ion Ratio Lower Upper
107 100
109 95.4 75.8 113.8





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 8.882 min Scan# 2715

Delta R.T. 0.006 min

Lab File: VL042955.D

Acq: 22 Sep 2025 12:30

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.03

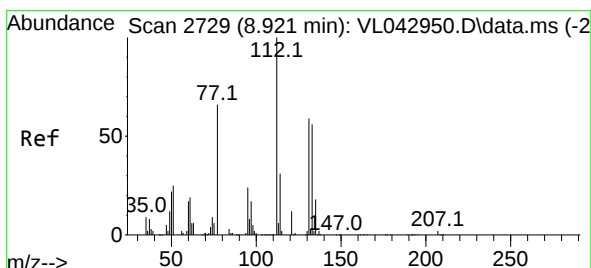
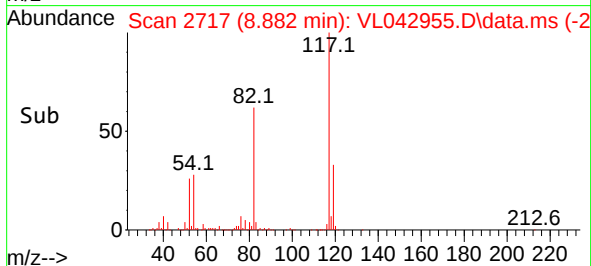
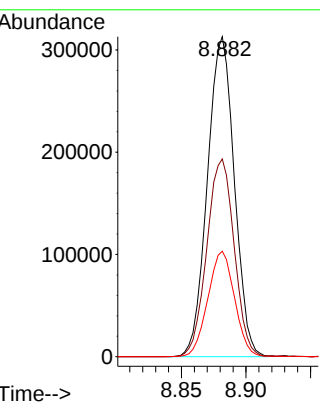
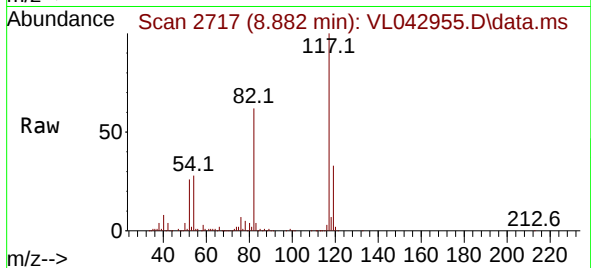
Tgt Ion:117 Resp: 454013

Ion Ratio Lower Upper

117 100

82 62.9 52.8 79.2

119 32.8 26.5 39.7



#56

1,1,1,2-Tetrachloroethane

Concen: 0.046 ppbv

RT: 8.927 min Scan# 2731

Delta R.T. 0.006 min

Lab File: VL042955.D

Acq: 22 Sep 2025 12:30

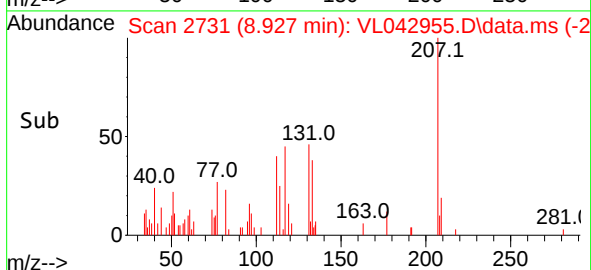
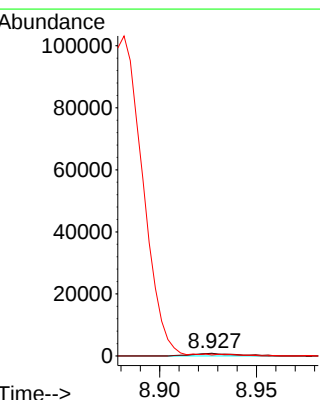
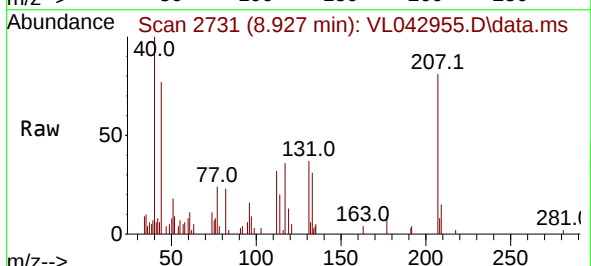
Tgt Ion:131 Resp: 1008

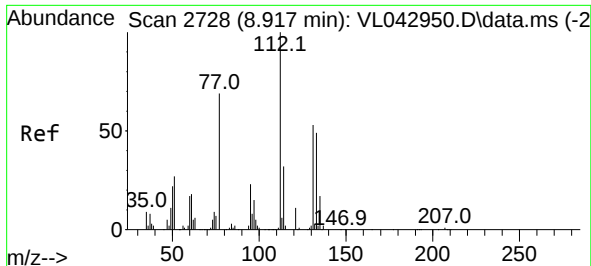
Ion Ratio Lower Upper

131 100

133 131.1 76.6 114.8#

119 14796.4 49.9 74.9#

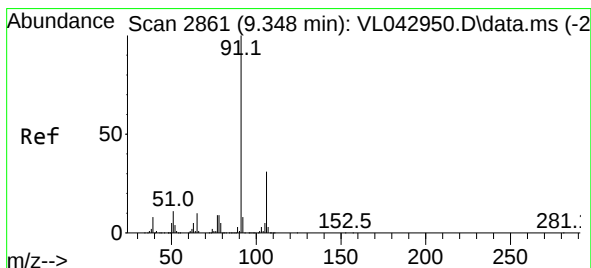
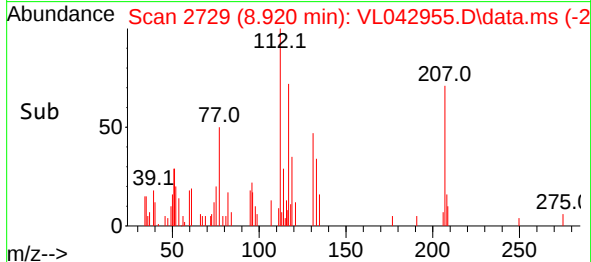
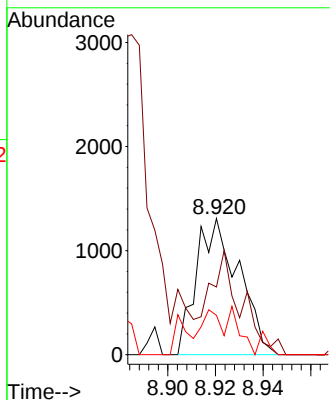
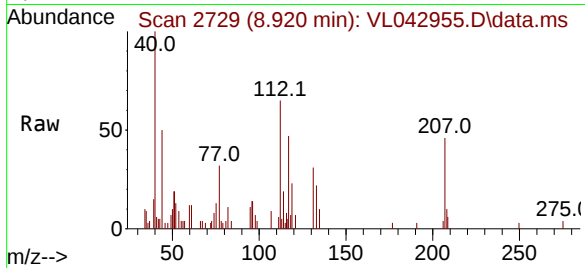




#57
Chlorobenzene
Concen: 0.039 ppbv
RT: 8.920 min Scan# 2118
Delta R.T. 0.003 min
Lab File: VL042955.D
Acq: 22 Sep 2025 12:30

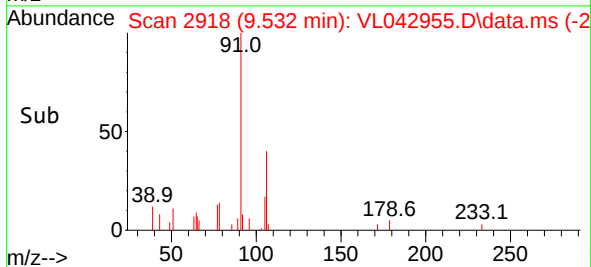
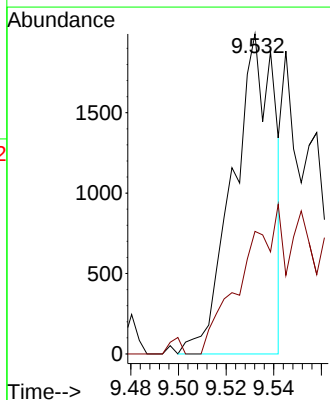
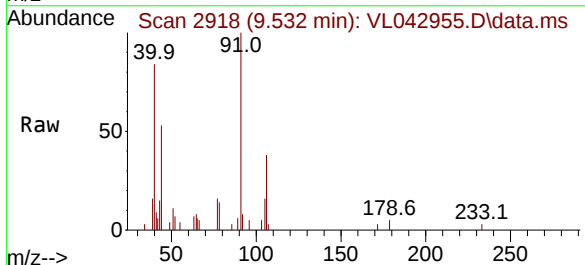
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.03

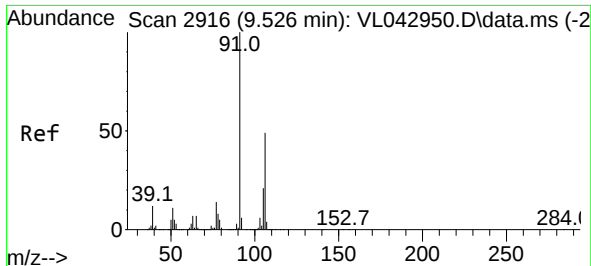
Tgt Ion:112 Resp: 1619
Ion Ratio Lower Upper
112 100
77 38.2 55.7 83.5#
114 24.4 28.6 35.0#



#58
Ethyl Benzene
Concen: 0.032 ppbv
RT: 9.532 min Scan# 2918
Delta R.T. 0.184 min
Lab File: VL042955.D
Acq: 22 Sep 2025 12:30

Tgt Ion: 91 Resp: 2417
Ion Ratio Lower Upper
91 100
106 33.2 24.6 37.0





#59

m/p-Xylene

Concen: 0.041 ppbv

RT: 9.532 min Scan# 2916

Delta R.T. 0.006 min

Lab File: VL042955.D

Acq: 22 Sep 2025 12:30

Instrument :

MSVOA_L

ClientSampleId :

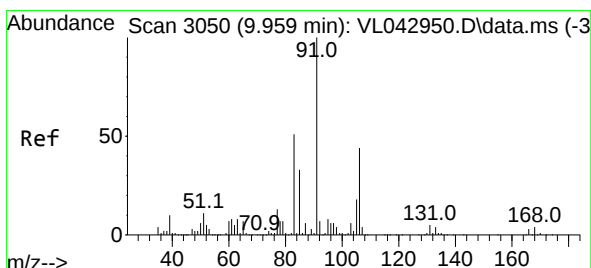
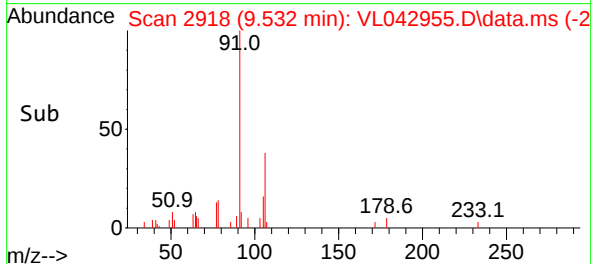
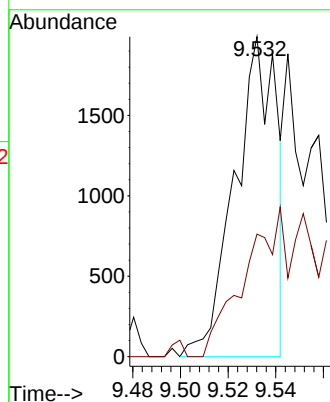
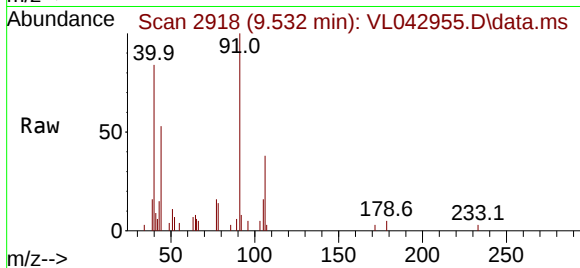
VSTDIC0.03

Tgt Ion: 91 Resp: 2417

Ion Ratio Lower Upper

91 100

106 0.0 0.0 0.0



#60

o-Xylene

Concen: 0.040 ppbv

RT: 9.966 min Scan# 3052

Delta R.T. 0.006 min

Lab File: VL042955.D

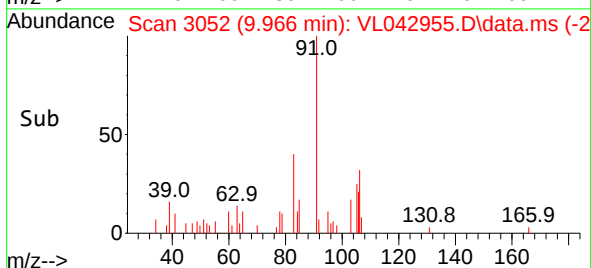
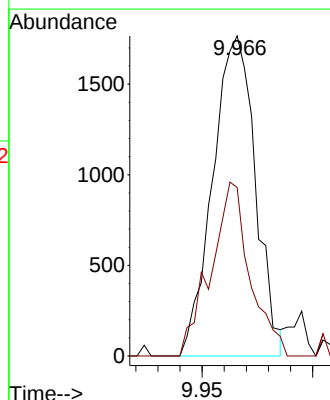
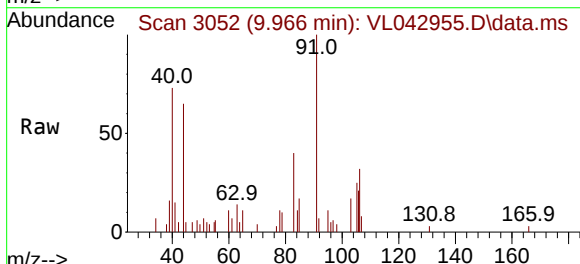
Acq: 22 Sep 2025 12:30

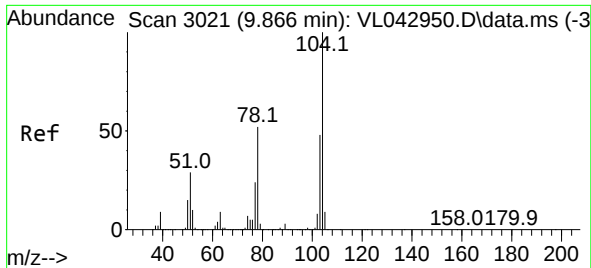
Tgt Ion: 91 Resp: 2366

Ion Ratio Lower Upper

91 100

106 49.9 22.4 67.0

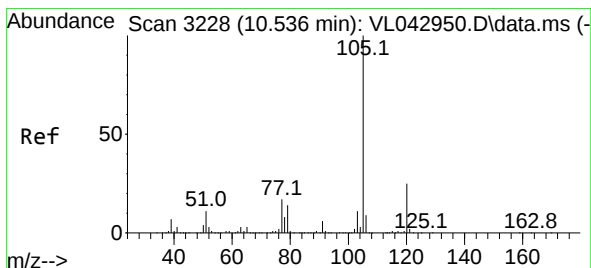
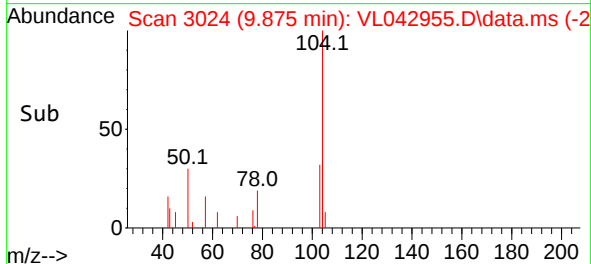
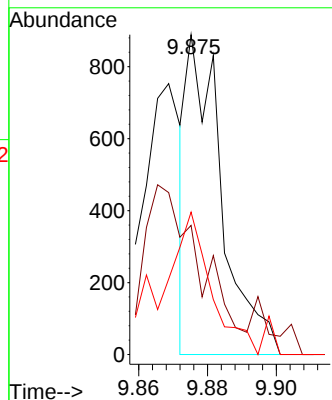
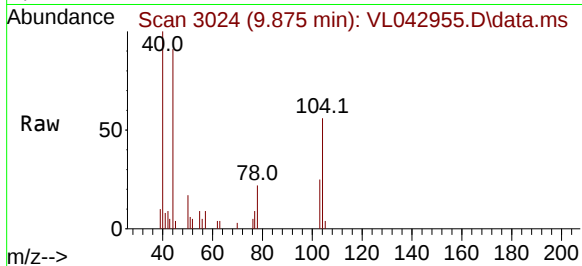




#61
Styrene
Concen: 0.022 ppbv
RT: 9.875 min Scan# 3021
Delta R.T. 0.010 min
Lab File: VL042955.D
Acq: 22 Sep 2025 12:30

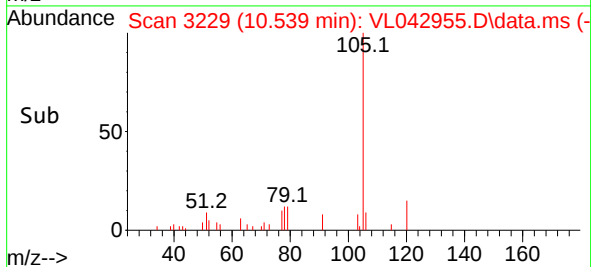
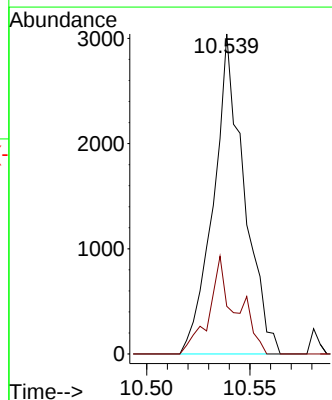
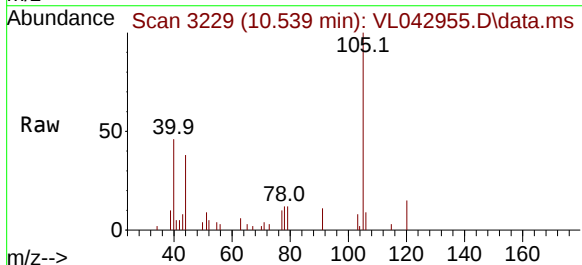
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.03

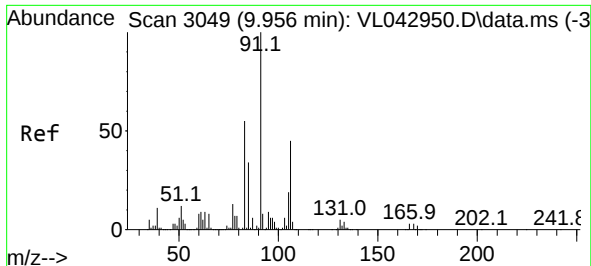
Tgt Ion:104 Resp: 621
Ion Ratio Lower Upper
104 100
78 0.0 39.9 59.9#
103 76.0 36.9 55.3#



#62
Isopropylbenzene
Concen: 0.036 ppbv
RT: 10.539 min Scan# 3229
Delta R.T. 0.003 min
Lab File: VL042955.D
Acq: 22 Sep 2025 12:30

Tgt Ion:105 Resp: 3139
Ion Ratio Lower Upper
105 100
120 26.9 20.6 30.8





#63

1,1,2,2-Tetrachloroethane

Concen: 0.033 ppbv

RT: 9.959 min Scan# 3049

Delta R.T. 0.003 min

Lab File: VL042955.D

Acq: 22 Sep 2025 12:30

Instrument :

MSVOA_1

ClientSampleId :

VSTDIC0.03

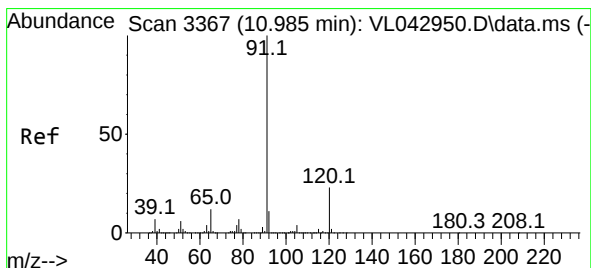
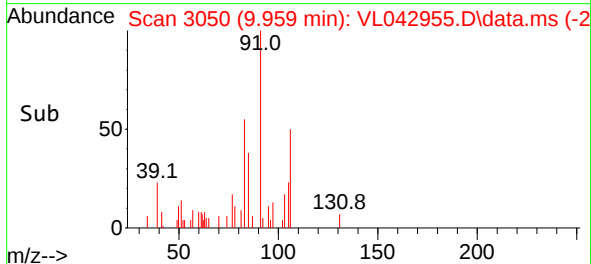
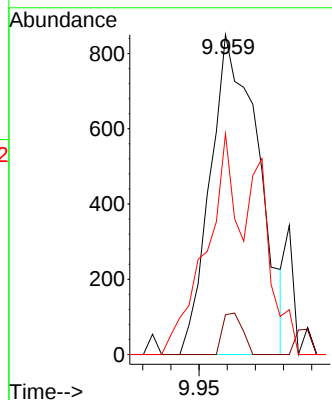
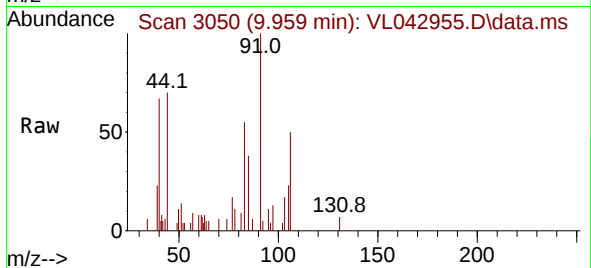
Tgt Ion: 83 Resp: 1006

Ion Ratio Lower Upper

83 100

131 5.4 4.8 14.4

85 73.6 32.2 96.6



#64

n-propylbenzene

Concen: 0.033 ppbv

RT: 10.992 min Scan# 3369

Delta R.T. 0.006 min

Lab File: VL042955.D

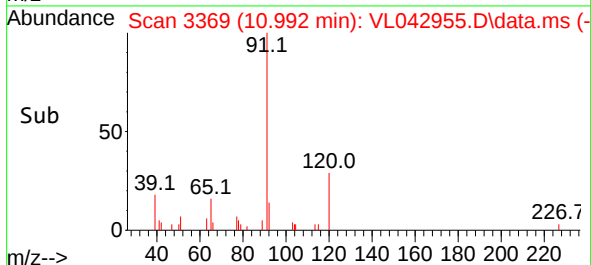
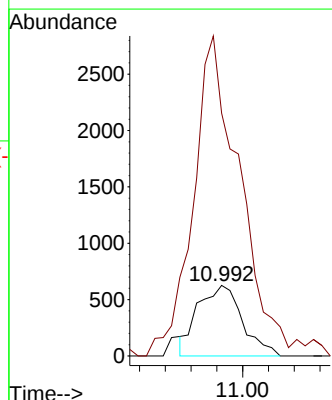
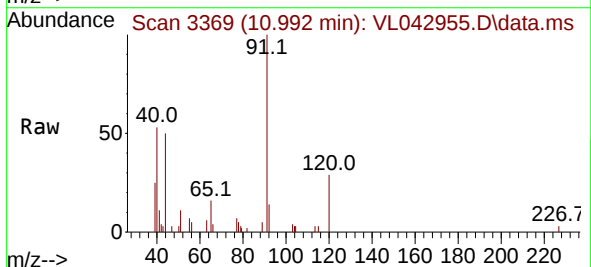
Acq: 22 Sep 2025 12:30

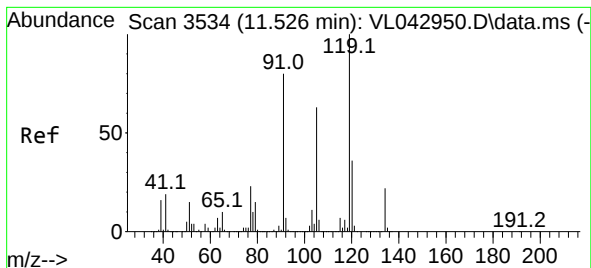
Tgt Ion: 120 Resp: 745

Ion Ratio Lower Upper

120 100

91 489.7 364.9 547.3





#65

tert-Butylbenzene

Concen: 0.036 ppbv

RT: 11.526 min Scan# 3534

Delta R.T. -0.000 min

Lab File: VL042955.D

Acq: 22 Sep 2025 12:30

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.03

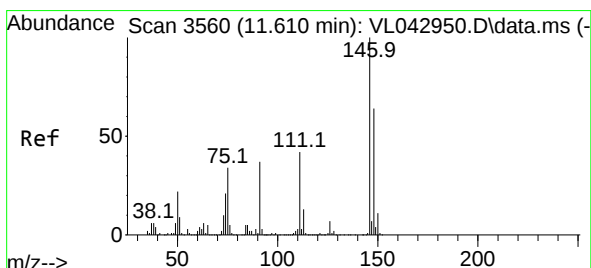
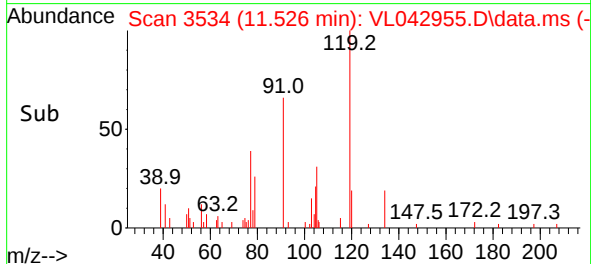
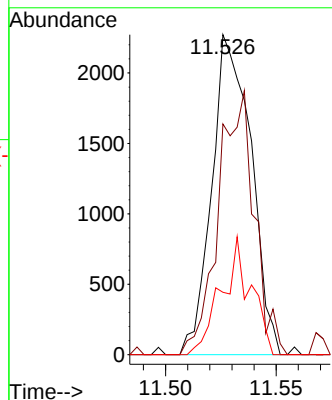
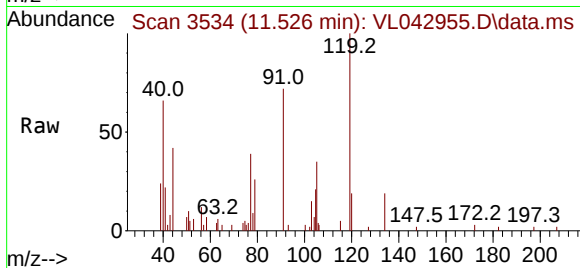
Tgt Ion:119 Resp: 2797

Ion Ratio Lower Upper

119 100

91 77.9 63.1 94.7

134 27.9 17.0 25.6#



#66

Benzyl Chloride

Concen: 0.013 ppbv

RT: 11.613 min Scan# 3561

Delta R.T. 0.003 min

Lab File: VL042955.D

Acq: 22 Sep 2025 12:30

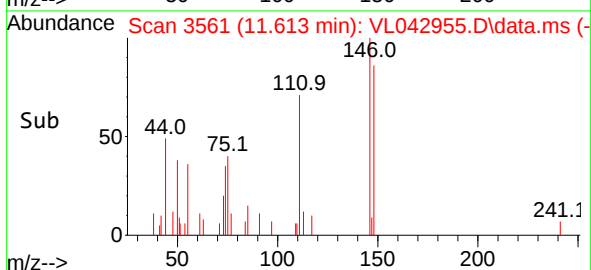
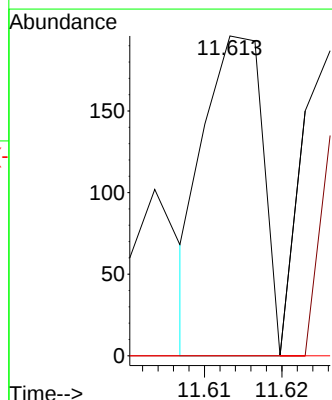
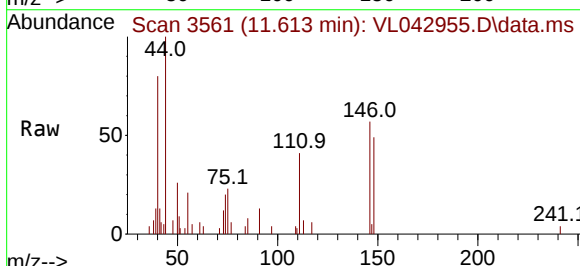
Tgt Ion: 91 Resp: 103

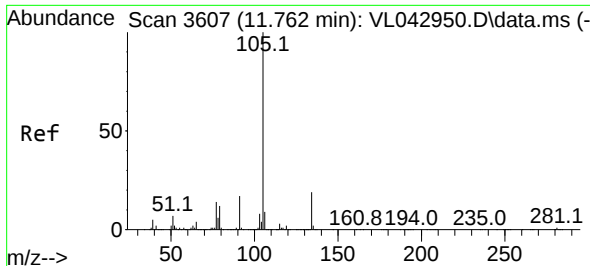
Ion Ratio Lower Upper

91 100

126 0.0 14.6 21.8#

128 0.0 5.0 7.4#

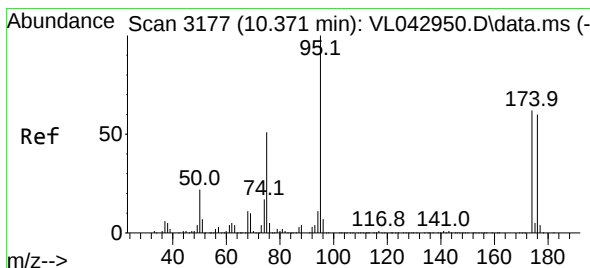
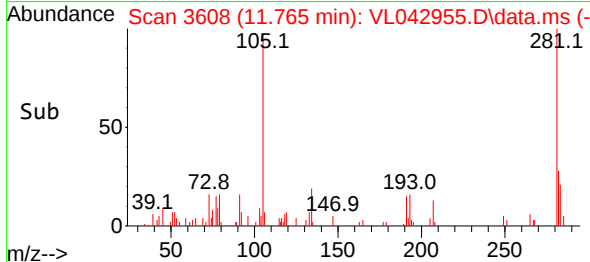
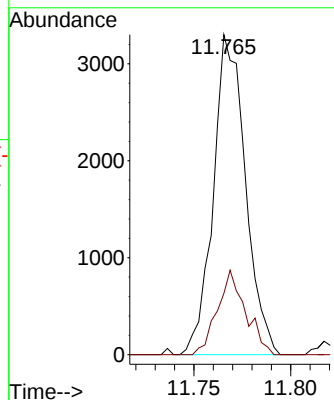
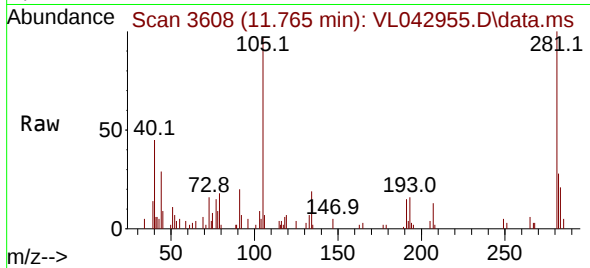




#67
 sec-Butylbenzene
 Concen: 0.035 ppbv
 RT: 11.765 min Scan# 3179
 Delta R.T. 0.003 min
 Lab File: VL042955.D
 Acq: 22 Sep 2025 12:30

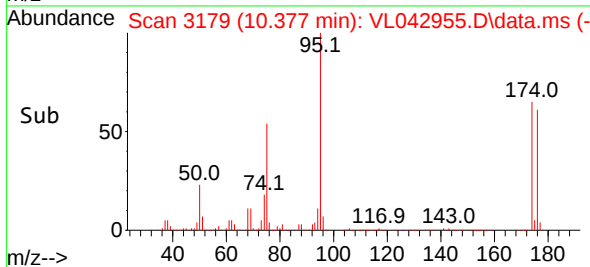
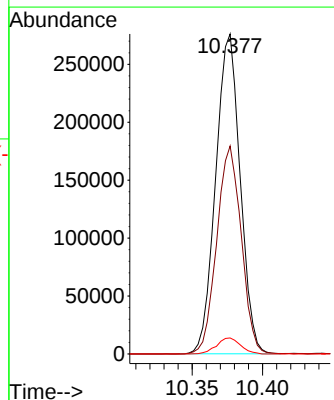
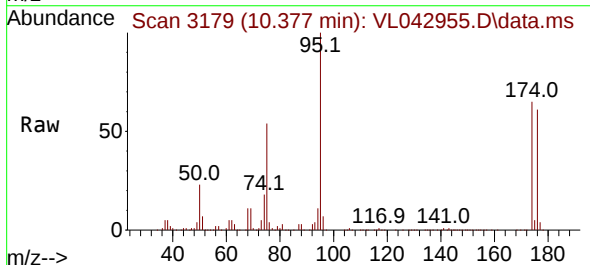
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDIC0.03

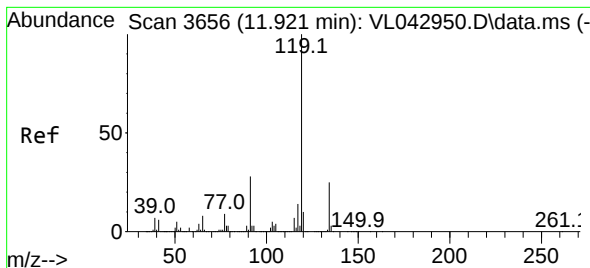
Tgt Ion:105 Resp: 3805
 Ion Ratio Lower Upper
 105 100
 134 23.3 15.7 23.5



#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.855 ppbv
 RT: 10.377 min Scan# 3179
 Delta R.T. 0.006 min
 Lab File: VL042955.D
 Acq: 22 Sep 2025 12:30

Tgt Ion: 95 Resp: 334002
 Ion Ratio Lower Upper
 95 100
 174 65.1 51.4 77.2
 175 4.9 4.0 6.0





#69

p-Isopropyltoluene

Concen: 0.032 ppbv

RT: 11.924 min Scan# 3657

Delta R.T. 0.003 min

Lab File: VL042955.D

Acq: 22 Sep 2025 12:30

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.03

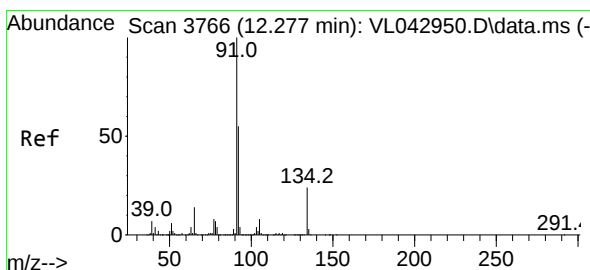
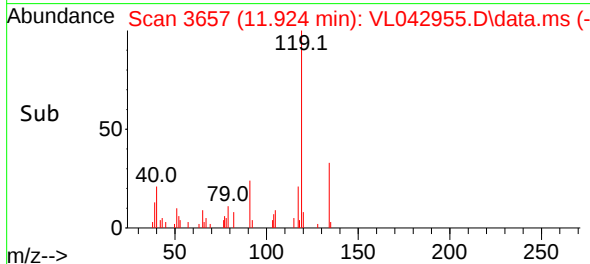
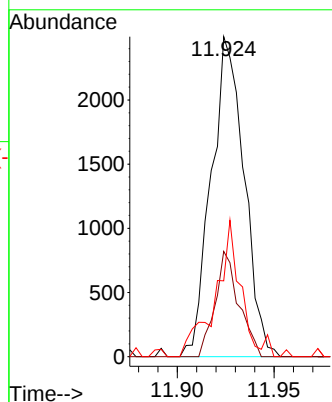
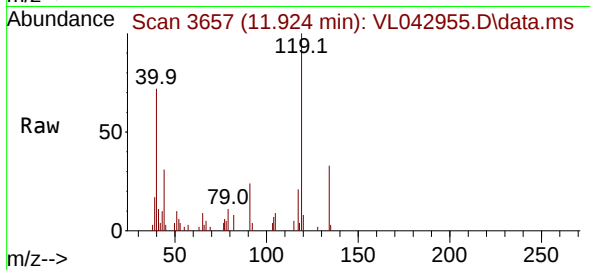
Tgt Ion:119 Resp: 2947

Ion Ratio Lower Upper

119 100

134 23.8 21.0 31.4

91 33.3 22.3 33.5



#70

n-Butylbenzene

Concen: 0.029 ppbv

RT: 12.283 min Scan# 3768

Delta R.T. 0.006 min

Lab File: VL042955.D

Acq: 22 Sep 2025 12:30

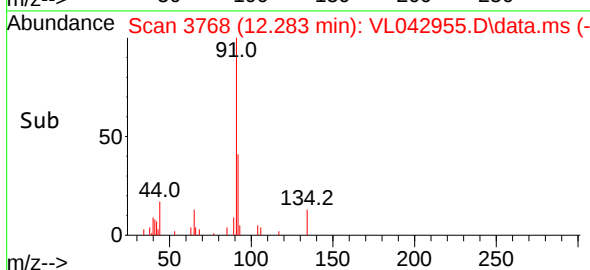
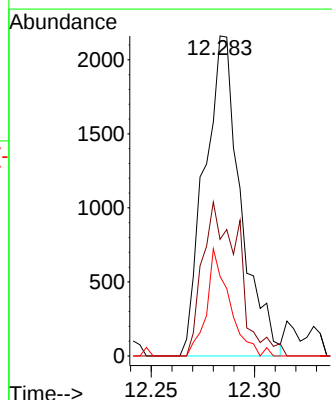
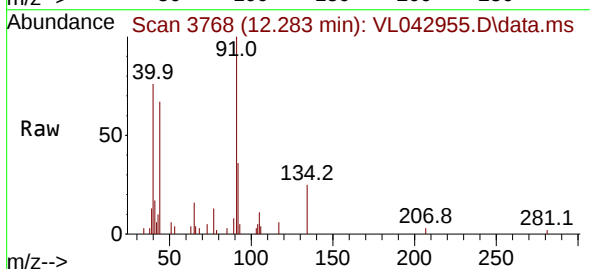
Tgt Ion: 91 Resp: 2629

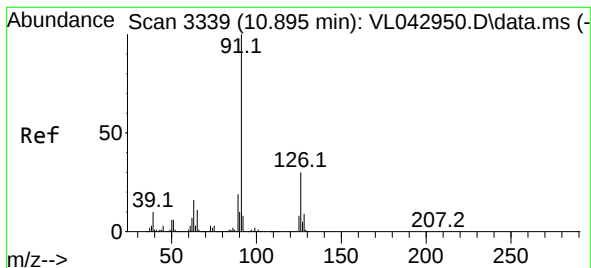
Ion Ratio Lower Upper

91 100

92 48.0 44.0 66.0

134 21.3 19.4 29.2

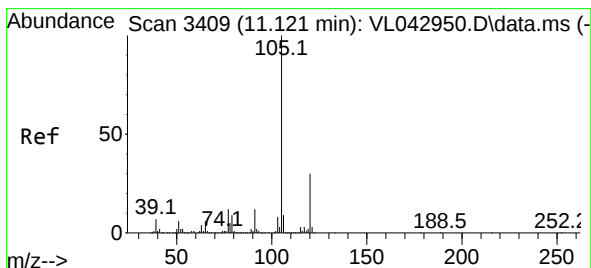
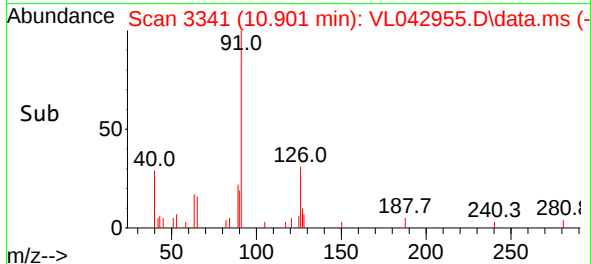
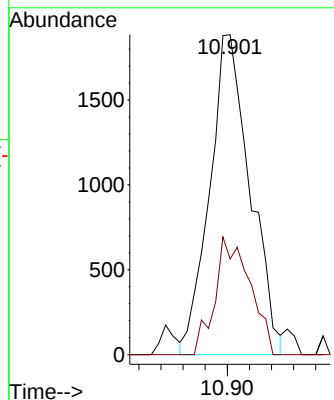
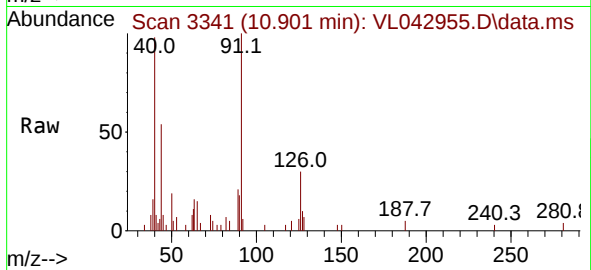




#71
2-Chlorotoluene
Concen: 0.036 ppbv
RT: 10.901 min Scan# 31
Delta R.T. 0.006 min
Lab File: VL042955.D
Acq: 22 Sep 2025 12:30

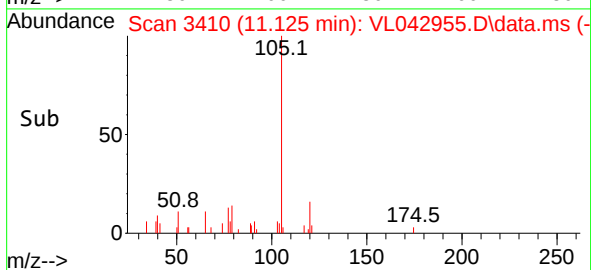
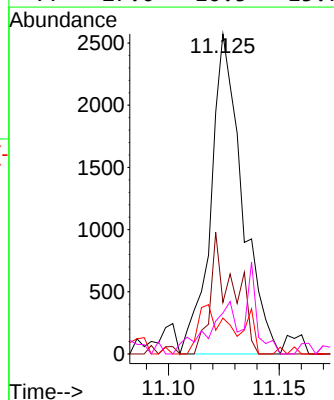
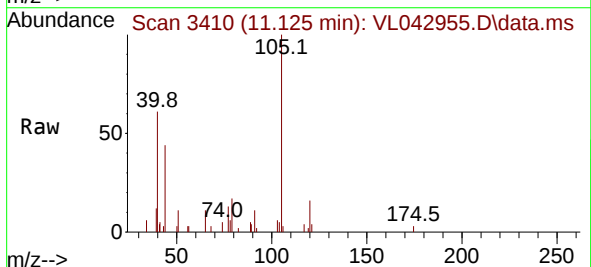
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.03

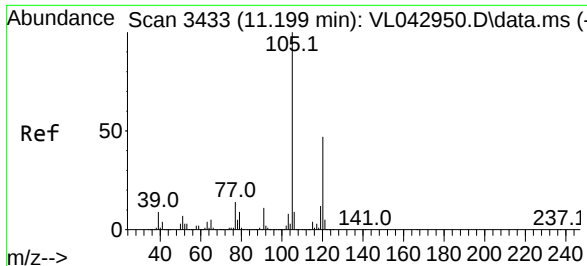
Tgt Ion: 91 Resp: 2400
Ion Ratio Lower Upper
91 100
126 31.8 12.3 49.3



#72
4-Ethyltoluene
Concen: 0.034 ppbv
RT: 11.125 min Scan# 3410
Delta R.T. 0.003 min
Lab File: VL042955.D
Acq: 22 Sep 2025 12:30

Tgt Ion: 105 Resp: 2527
Ion Ratio Lower Upper
105 100
120 28.8 24.2 36.2
91 21.0 10.0 15.0#
77 27.0 10.5 15.7#

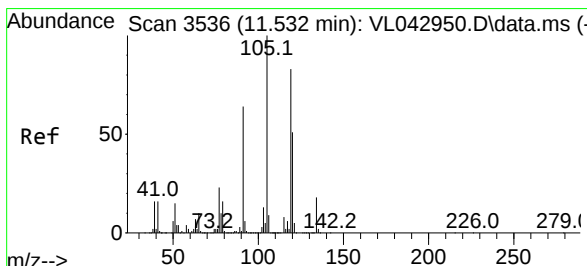
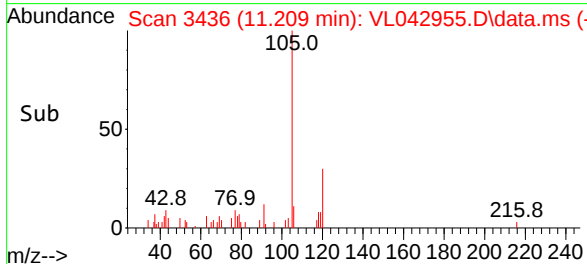
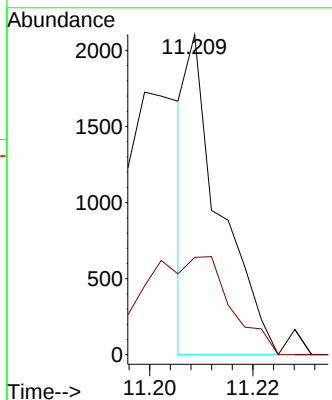
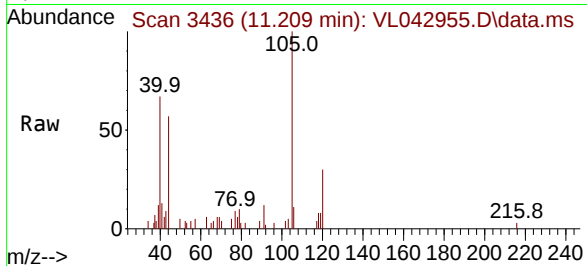




#73
 1,3,5-Trimethylbenzene
 Concen: 0.015 ppbv
 RT: 11.209 min Scan# 3433
 Delta R.T. 0.010 min
 Lab File: VL042955.D
 Acq: 22 Sep 2025 12:30

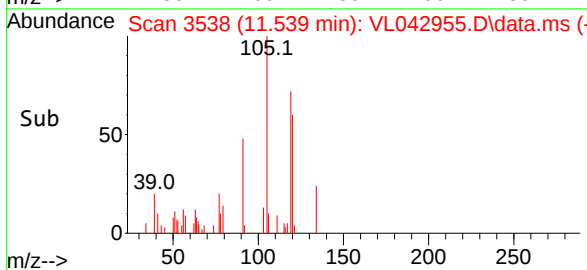
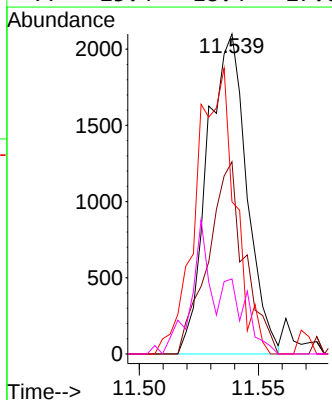
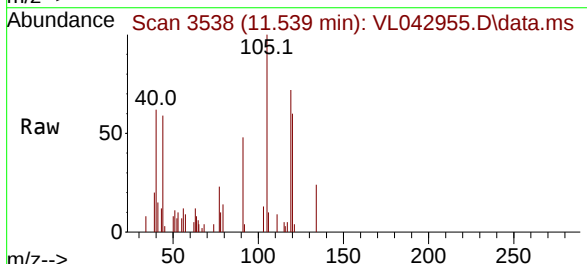
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.03

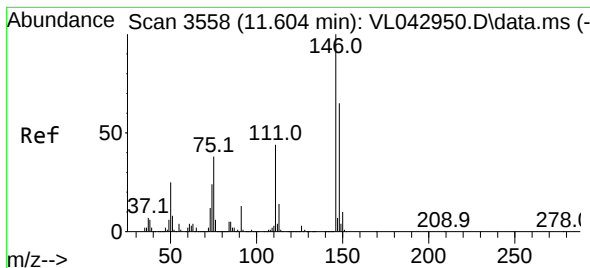
Tgt Ion:105 Resp: 922
 Ion Ratio Lower Upper
 105 100
 120 27.4 38.0 57.0#



#74
 1,2,4-Trimethylbenzene
 Concen: 0.037 ppbv
 RT: 11.539 min Scan# 3538
 Delta R.T. 0.006 min
 Lab File: VL042955.D
 Acq: 22 Sep 2025 12:30

Tgt Ion:105 Resp: 2411
 Ion Ratio Lower Upper
 105 100
 120 60.0 40.9 61.3
 91 47.6 51.2 76.8#
 77 23.4 18.4 27.6





#75

1,3-Dichlorobenzene

Concen: 0.029 ppbv

RT: 11.610 min Scan# 3560

Delta R.T. 0.006 min

Lab File: VL042955.D

Acq: 22 Sep 2025 12:30

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.03

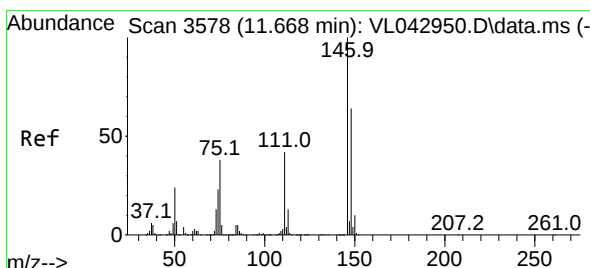
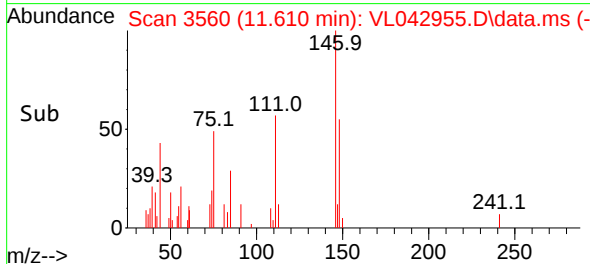
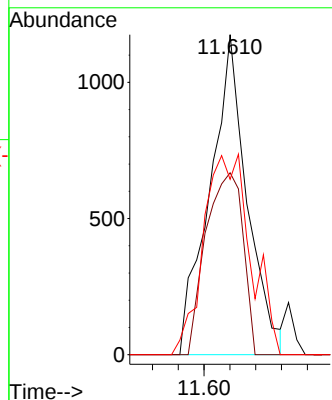
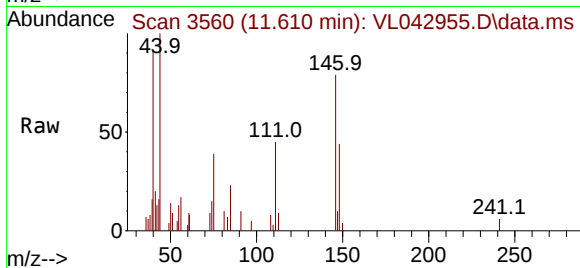
Tgt Ion:146 Resp: 1180

Ion Ratio Lower Upper

146 100

111 56.4 22.3 66.9

148 78.8 31.9 95.5



#76

1,4-Dichlorobenzene

Concen: 0.012 ppbv

RT: 11.685 min Scan# 3583

Delta R.T. 0.016 min

Lab File: VL042955.D

Acq: 22 Sep 2025 12:30

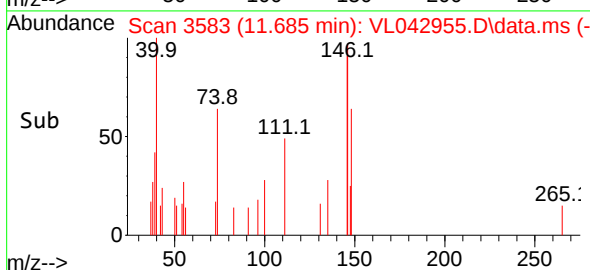
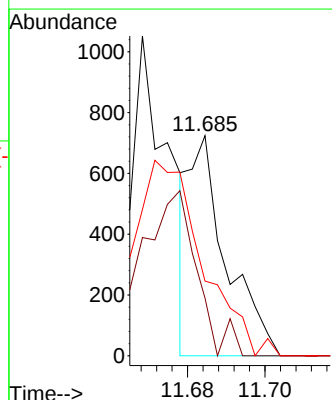
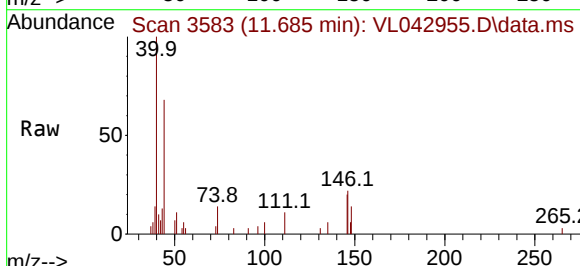
Tgt Ion:146 Resp: 477

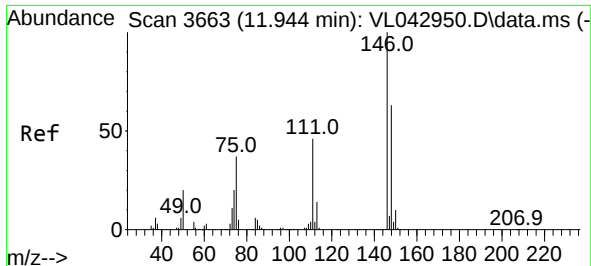
Ion Ratio Lower Upper

146 100

111 121.6 21.5 64.5#

148 0.0 31.9 95.5#

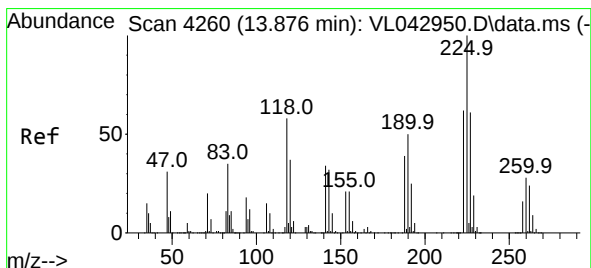
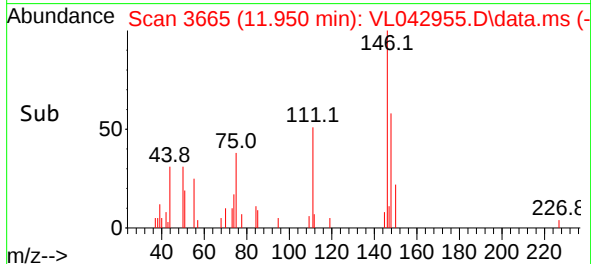
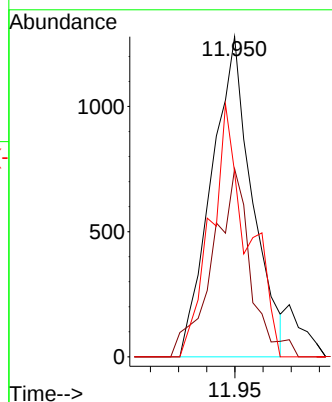
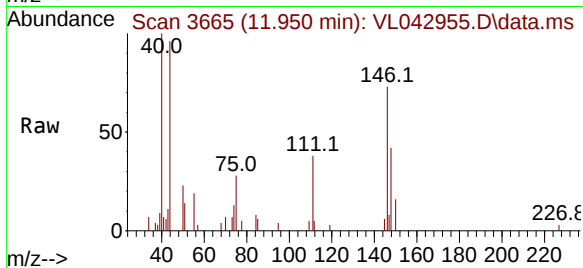




#77
 1,2-Dichlorobenzene
 Concen: 0.033 ppbv
 RT: 11.950 min Scan# 3665
 Delta R.T. 0.006 min
 Lab File: VL042955.D
 Acq: 22 Sep 2025 12:30

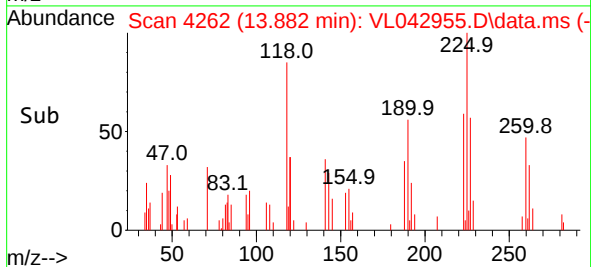
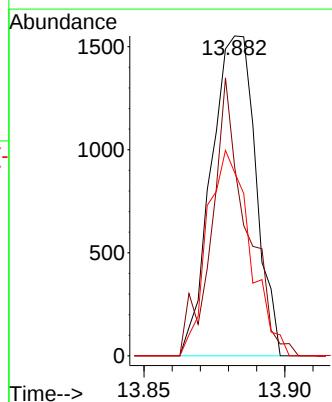
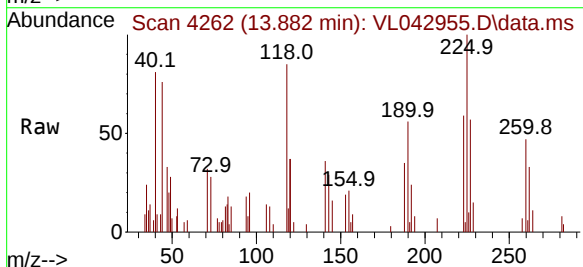
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.03

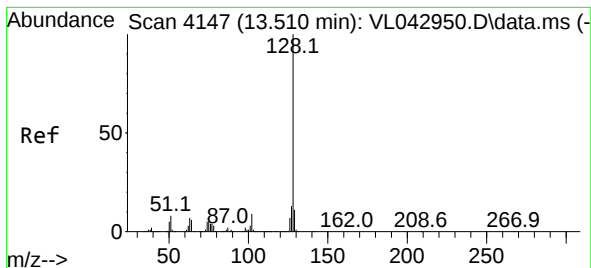
Tgt Ion:146	Resp:	1283
Ion	Ratio	Lower Upper
146	100	
111	54.6	23.1 69.3
148	71.7	32.0 96.0



#78
 Hexachloro-1,3-Butadiene
 Concen: 0.056 ppbv
 RT: 13.882 min Scan# 4262
 Delta R.T. 0.006 min
 Lab File: VL042955.D
 Acq: 22 Sep 2025 12:30

Tgt Ion:225	Resp:	1707
Ion	Ratio	Lower Upper
225	100	
223	67.0	50.1 75.1
227	61.9	50.4 75.6





#79

Naphthalene

Concen: 0.041 ppbv

RT: 13.516 min Scan# 4147

Delta R.T. 0.006 min

Lab File: VL042955.D

Acq: 22 Sep 2025 12:30

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC0.03

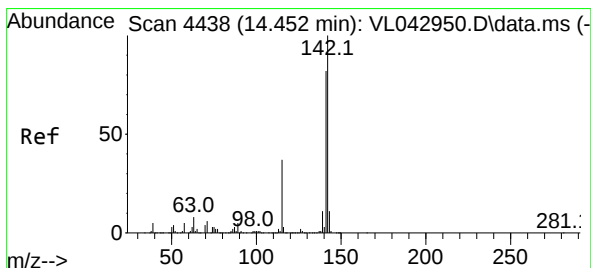
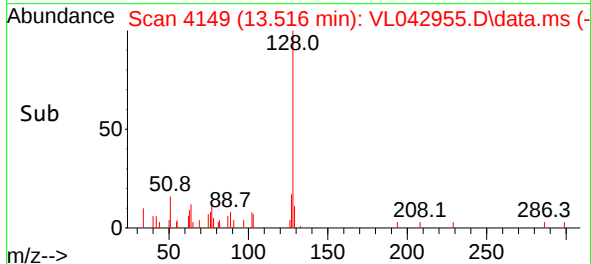
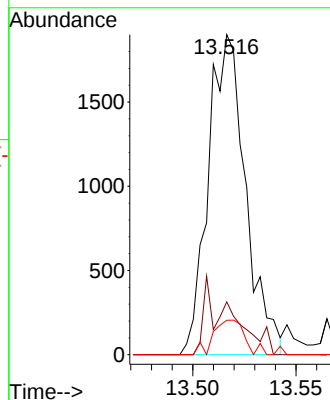
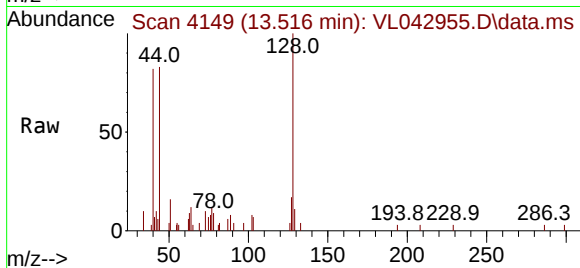
Tgt Ion:128 Resp: 2391

Ion Ratio Lower Upper

128 100

127 16.5 10.6 15.8#

129 10.7 9.0 13.6



#80

Naphthalene,2-methyl-

Concen: 0.175 ppbv

RT: 14.462 min Scan# 4441

Delta R.T. 0.010 min

Lab File: VL042955.D

Acq: 22 Sep 2025 12:30

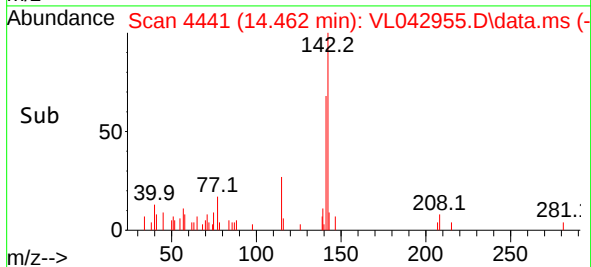
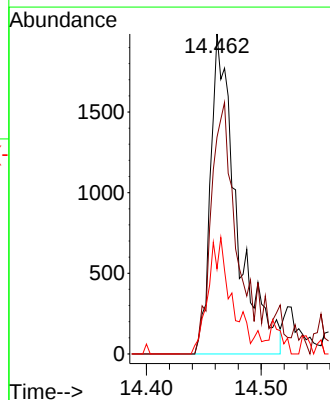
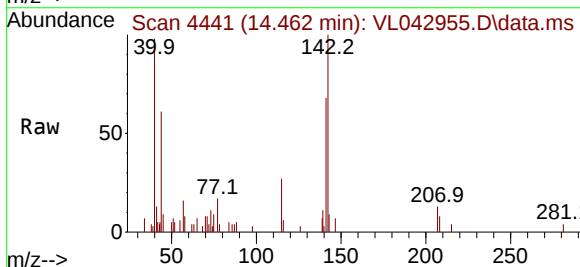
Tgt Ion:142 Resp: 3144

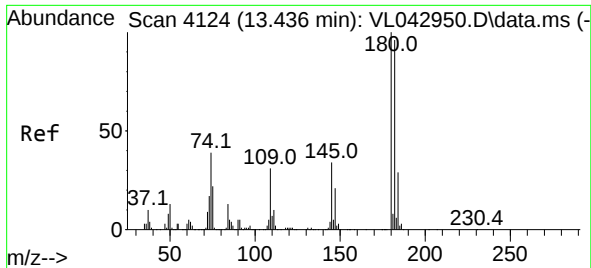
Ion Ratio Lower Upper

142 100

141 93.4 65.1 97.7

115 40.9 28.9 43.3





#81
 1,2,4-Trichlorobenzene
 Concen: 0.030 ppbv
 RT: 13.442 min Scan# 41
 Delta R.T. 0.006 min
 Lab File: VL042955.D
 Acq: 22 Sep 2025 12:30

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.03

Tgt Ion	Ratio	Lower	Upper
180	100		
182	99.9	75.7	113.5
184	18.0	23.9	35.9

