

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL112025\
 Data File : VL043275.D
 Acq On : 21 Nov 2025 07:53
 Operator : SY/MD
 Sample : Q3626-09DL 10X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 13-SG-1DL

Quant Time: Nov 25 08:40:28 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL111825AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Wed Nov 19 01:11:25 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.787	49	99850	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.955	114	261008	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.875	117	202177	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	10.374	95	140998	9.514	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	95.100%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.499	85	771	0.055	ppbv #	81
3) Chlorodifluoromethane	1.476	51	851	0.061	ppbv	100
4) Chloromethane	1.531	50	238	0.045	ppbv #	83
5) Vinyl Chloride	1.602	62	23	0.004	ppbv #	41
6) Bromomethane	1.674	94	26	0.009	ppbv #	77
7) Chloroethane	1.463	64	20	0.009	ppbv #	41
8) Dichlorotetrafluoroethane	1.499	85	771	0.066	ppbv #	17
9) Propene	1.483	41	466	0.079	ppbv #	86
10) Heptane	4.972	43	129	0.007	ppbv #	28
11) Trichlorofluoromethane	1.877	101	460	0.034	ppbv #	81
12) 1,1,2-Trichlorotrifluo...	2.140	101	103	0.010	ppbv #	12
13) Ethanol	1.722	45	3624	1.752	ppbv #	38
14) Bromoethene	2.253	108	31	0.008	ppbv #	1
15) Acetone	1.835	43	104948	7.565	ppbv	100
16) 1,3-Butadiene	1.606	39	371	0.060	ppbv #	12
17) tert-Butyl alcohol	2.043	59	5189	0.285	ppbv #	88
18) 1,1-Dichloroethene	1.939	96	29	0.006	ppbv #	1
19) Isopropyl Alcohol	1.887	45	8343	1.064	ppbv #	1
20) Methylene Chloride	2.062	84	4686	0.392	ppbv #	93
21) Allyl Chloride	2.098	41	53	0.006	ppbv #	21
22) trans-1,2-Dichloroethene	2.337	96	27	0.005	ppbv #	1
23) Vinyl Acetate	2.454	43	235	0.014	ppbv #	40
24) 1,1-Dichloroethane	2.340	63	34	0.003	ppbv #	86
25) Ethyl Acetate	2.829	43	2661	0.089	ppbv #	78
26) Hexane	2.826	57	3223	0.246	ppbv #	41
27) Carbon Disulfide	2.149	76	1390	0.104	ppbv #	1
28) Methyl tert-Butyl Ether	2.415	73	59	0.009	ppbv #	50
29) Chloroform	2.849	83	177	0.009	ppbv #	3
30) Cyclohexane	3.845	84	64	0.006	ppbv #	1
31) cis-1,2-Dichloroethene	2.829	61	24	0.002	ppbv #	26
32) 1,1,1-Trichloroethane	3.353	97	24	0.001	ppbv #	19
34) 2-Butanone	2.557	43	4874	0.265	ppbv	99
35) Carbon Tetrachloride	3.764	117	53	0.003	ppbv #	53
36) Benzene	3.658	78	3988	0.160	ppbv #	89
37) 1,2-Dichloroethane	3.221	62	53	0.004	ppbv #	80
38) Trichloroethene	4.545	130	83	0.008	ppbv #	55
39) 1,2-Dichloropropane	3.955	63	66687	7.289	ppbv #	24
40) 1,4-Dioxane	4.609	88	43	0.010	ppbv #	1
41) Tetrahydrofuran	3.039	42	71	0.007	ppbv #	37
42) Bromodichloromethane	4.629	83	33	0.002	ppbv #	24
43) Methyl Methacrylate	5.101	69	39	0.003	ppbv #	52
44) 2,2,4-Trimethylpentane	4.632	57	78	0.002	ppbv #	41
45) t-1,3-Dichloropropene	6.046	75	38	0.003	ppbv #	44

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL112025\
 Data File : VL043275.D
 Acq On : 21 Nov 2025 07:53
 Operator : SY/MD
 Sample : Q3626-09DL 10X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

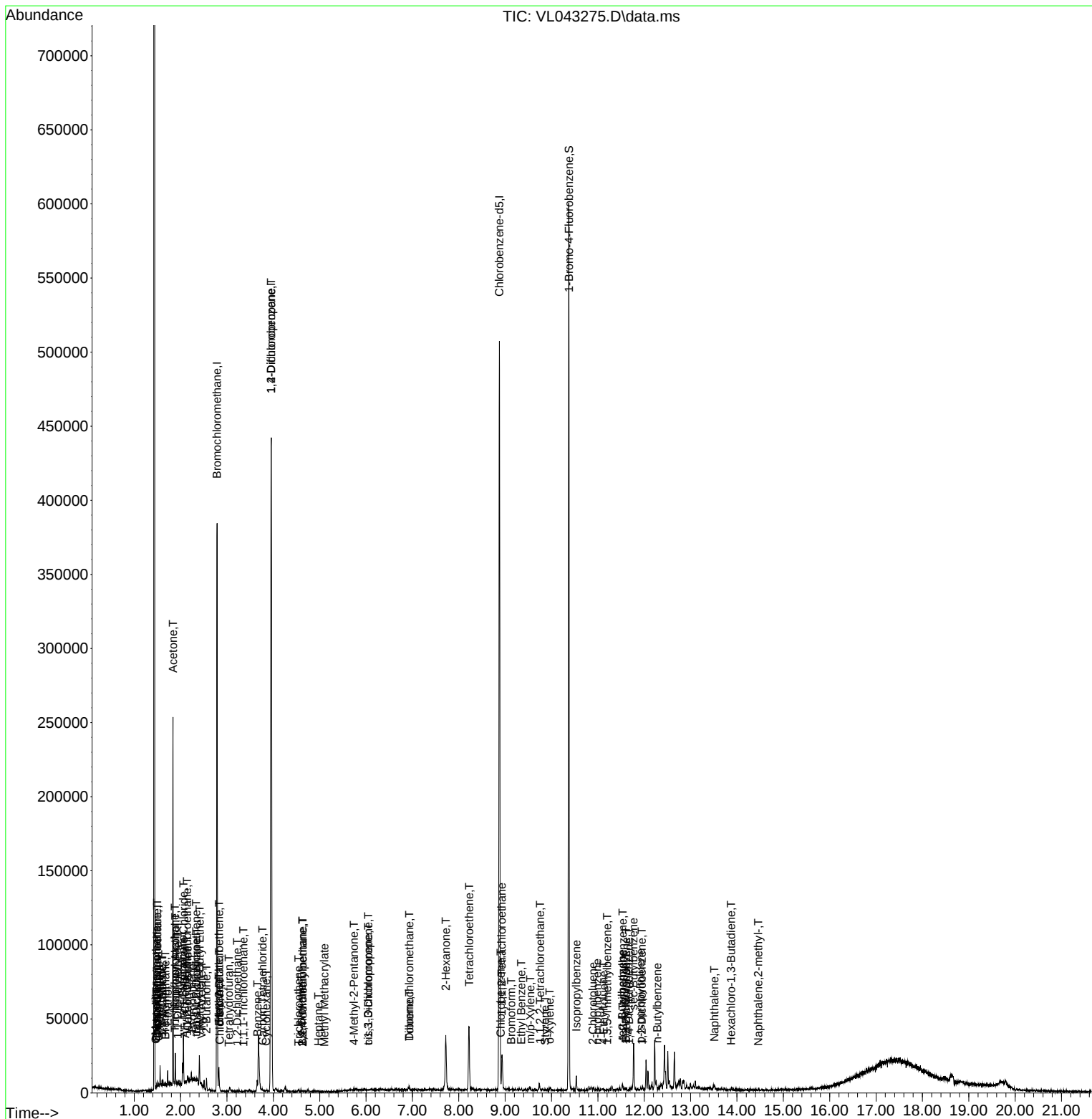
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 ClientSampleId :
 13-SG-1DL

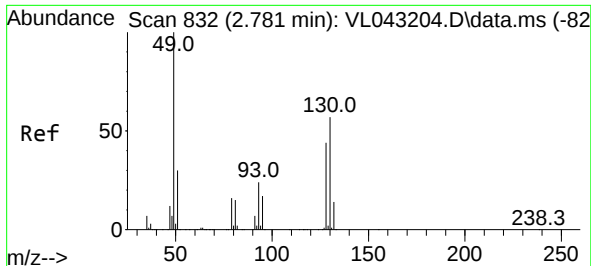
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL111825AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Wed Nov 19 01:11:25 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
46) cis-1,3-Dichloropropene	6.046	75	38	0.003	ppbv	#	22
48) Dibromochloromethane	6.933	129	23	0.001	ppbv	#	10
49) Bromoform	9.131	173	33	0.002	ppbv	#	64
50) 4-Methyl-2-Pentanone	5.739	43	45	0.002	ppbv	#	39
51) 2-Hexanone	7.720	43	26794	1.329	ppbv	#	29
52) Tetrachloroethene	8.225	164	3788	0.407	ppbv		91
53) Toluene	6.933	91	473	0.016	ppbv	#	21
56) 1,1,1,2-Tetrachloroethane	8.927	131	47	0.003	ppbv	#	1
57) Chlorobenzene	8.907	112	52	0.003	ppbv	#	74
58) Ethyl Benzene	9.348	91	322	0.008	ppbv		92
59) m/p-Xylene	9.542	91	241	0.008	ppbv	#	31
60) o-Xylene	9.963	91	169	0.005	ppbv	#	34
61) Styrene	9.862	104	125	0.009	ppbv	#	65
62) Isopropylbenzene	10.539	105	4130	0.074	ppbv		97
63) 1,1,2,2-Tetrachloroethane	9.752	83	31	0.002	ppbv	#	25
64) n-propylbenzene	10.985	120	33	0.002	ppbv	#	1
65) tert-Butylbenzene	11.526	119	171	0.003	ppbv	#	46
66) Benzyl Chloride	11.600	91	49	0.010	ppbv	#	65
67) sec-Butylbenzene	11.765	105	221	0.003	ppbv	#	1
69) p-Isopropyltoluene	11.921	119	471	0.008	ppbv	#	53
70) n-Butylbenzene	12.280	91	279	0.005	ppbv	#	74
71) 2-Chlorotoluene	10.895	91	133	0.003	ppbv	#	45
72) 4-Ethyltoluene	11.125	105	156	0.004	ppbv	#	32
73) 1,3,5-Trimethylbenzene	11.202	105	67	0.002	ppbv	#	29
74) 1,2,4-Trimethylbenzene	11.536	105	399	0.011	ppbv	#	44
75) 1,3-Dichlorobenzene	11.607	146	33	0.002	ppbv	#	1
76) 1,4-Dichlorobenzene	11.672	146	219	0.011	ppbv	#	54
77) 1,2-Dichlorobenzene	11.947	146	17	0.001	ppbv	#	1
78) Hexachloro-1,3-Butadiene	13.872	225	66	0.004	ppbv	#	1
79) Naphthalene	13.510	128	118	0.004	ppbv	#	72
80) Naphthalene,2-methyl-	14.462	142	63	0.008	ppbv	#	33

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

Quant Time: Nov 25 08:40:28 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL111825AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Wed Nov 19 01:11:25 2025
Response via : Initial Calibration

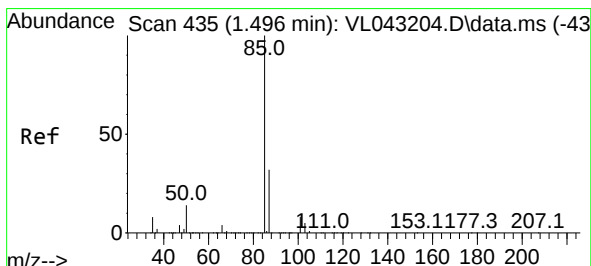
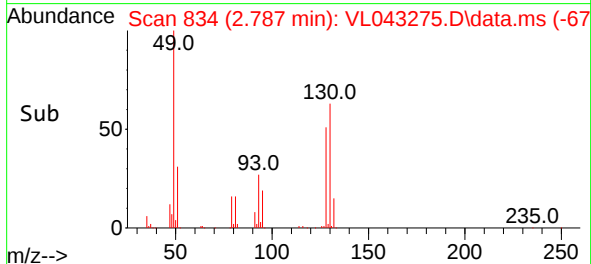
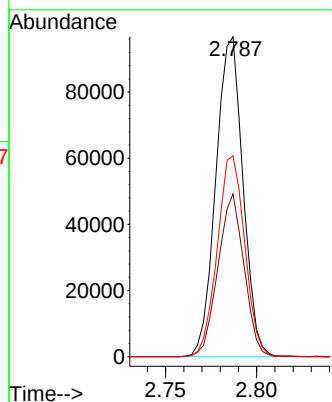
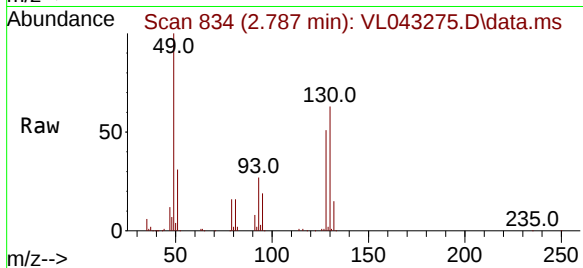




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.787 min Scan# 81
Delta R.T. 0.006 min
Lab File: VL043275.D
Acq: 21 Nov 2025 07:53

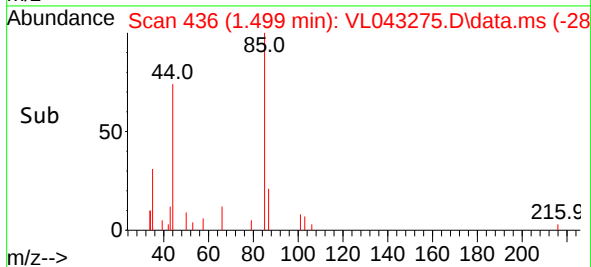
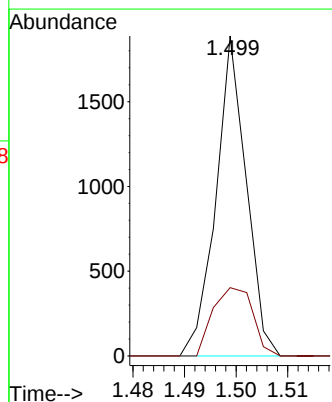
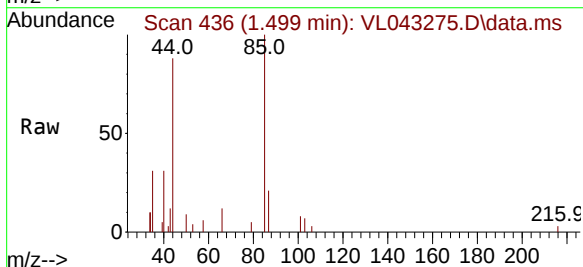
Instrument :
MSVOA_L
ClientSampleId :
13-SG-1DL

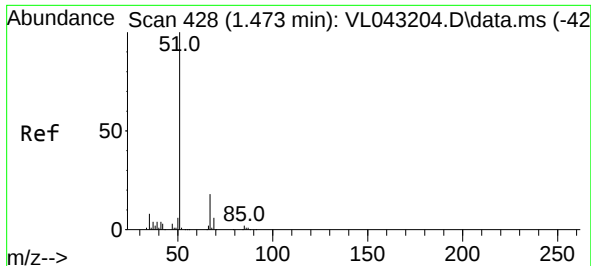
Tgt Ion: 49 Resp: 99850
Ion Ratio Lower Upper
49 100
128 49.0 23.0 69.0
130 63.7 29.9 89.7



#2
Dichlorodifluoromethane
Concen: 0.055 ppbv
RT: 1.499 min Scan# 436
Delta R.T. 0.003 min
Lab File: VL043275.D
Acq: 21 Nov 2025 07:53

Tgt Ion: 85 Resp: 771
Ion Ratio Lower Upper
85 100
87 21.3 25.4 38.2#

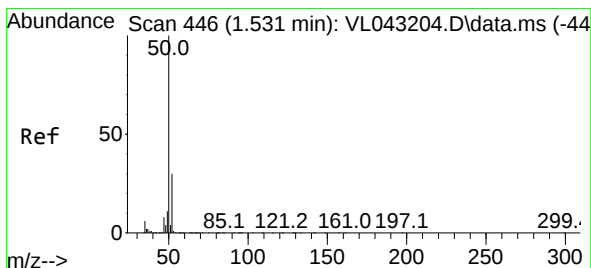
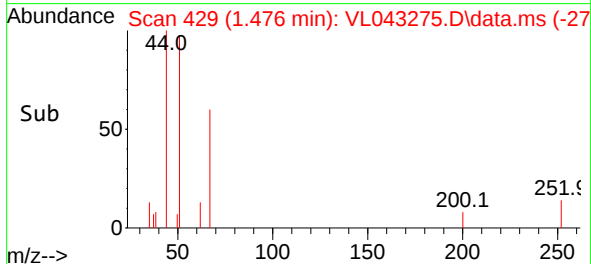
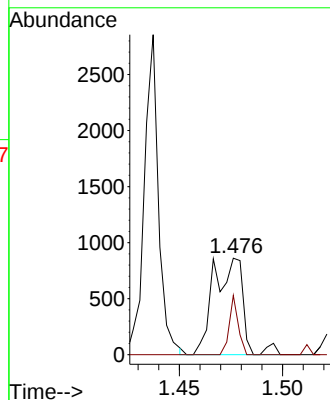
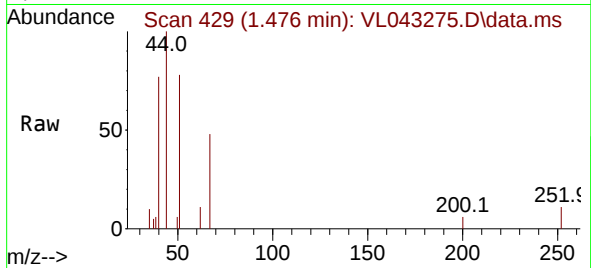




#3
Chlorodifluoromethane
Concen: 0.061 ppbv
RT: 1.476 min Scan# 41
Delta R.T. 0.003 min
Lab File: VL043275.D
Acq: 21 Nov 2025 07:53

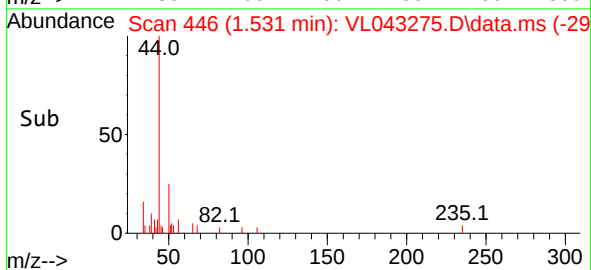
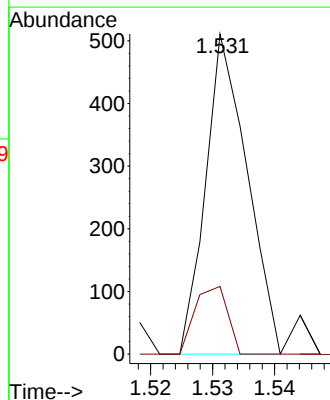
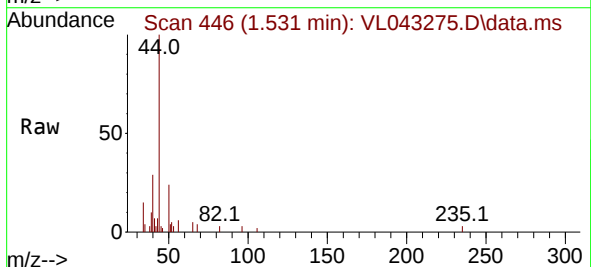
Instrument :
MSVOA_1
ClientSampleId :
13-SG-1DL

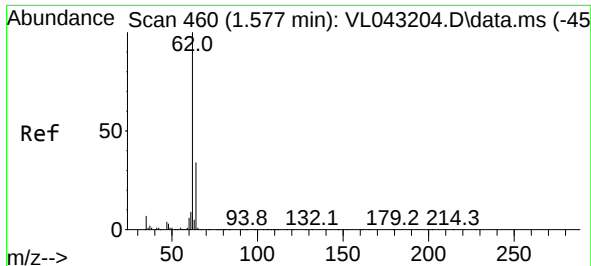
Tgt Ion: 51 Resp: 851
Ion Ratio Lower Upper
51 100
67 18.7 14.9 22.3



#4
Chloromethane
Concen: 0.045 ppbv
RT: 1.531 min Scan# 446
Delta R.T. -0.000 min
Lab File: VL043275.D
Acq: 21 Nov 2025 07:53

Tgt Ion: 50 Resp: 238
Ion Ratio Lower Upper
50 100
52 21.1 24.1 36.1#

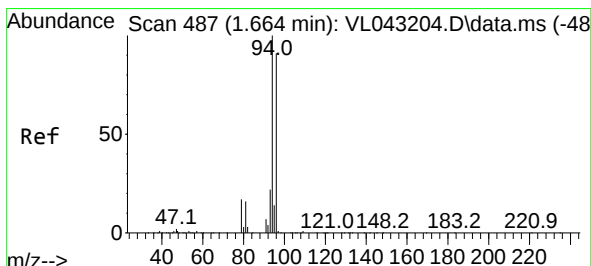
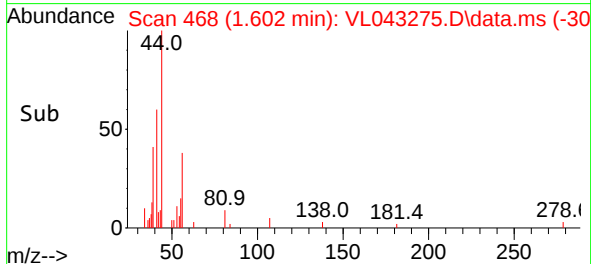
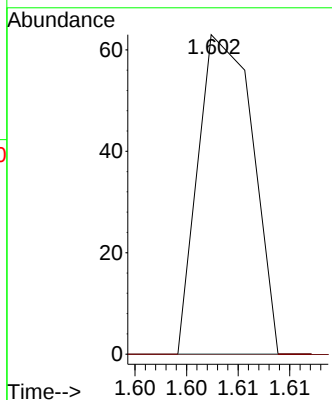
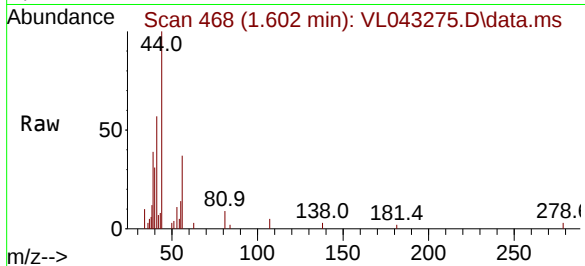




#5
 Vinyl Chloride
 Concen: 0.004 ppbv
 RT: 1.602 min Scan# 41
 Delta R.T. 0.026 min
 Lab File: VL043275.D
 Acq: 21 Nov 2025 07:53

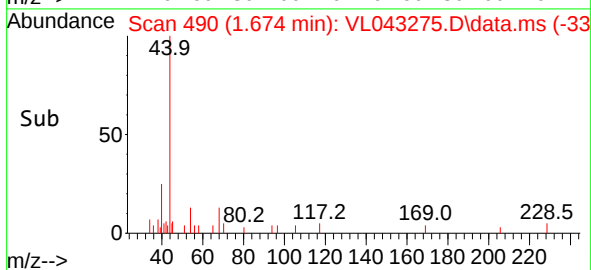
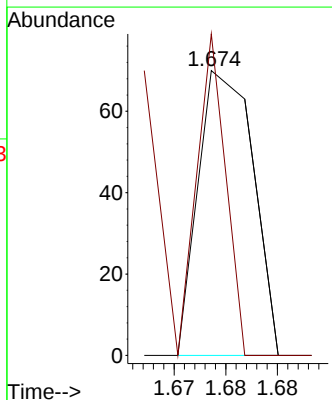
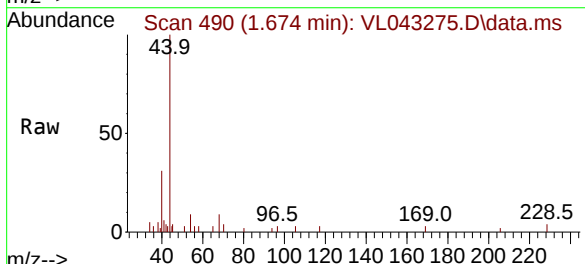
Instrument :
 MSVOA_1
 ClientSampleId :
 13-SG-1DL

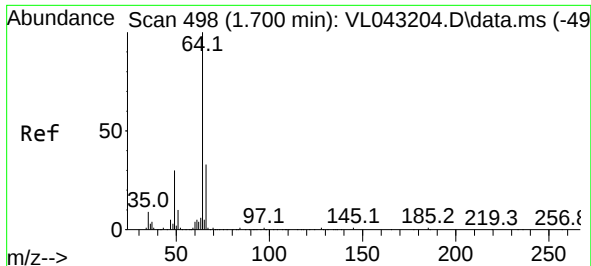
Tgt Ion: 62 Resp: 23
 Ion Ratio Lower Upper
 62 100
 64 0.0 27.3 40.9#



#6
 Bromomethane
 Concen: 0.009 ppbv
 RT: 1.674 min Scan# 490
 Delta R.T. 0.009 min
 Lab File: VL043275.D
 Acq: 21 Nov 2025 07:53

Tgt Ion: 94 Resp: 26
 Ion Ratio Lower Upper
 94 100
 96 112.9 72.9 109.3#

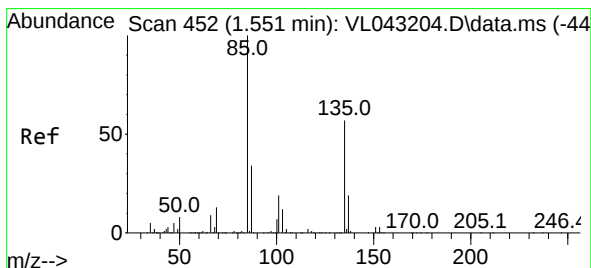
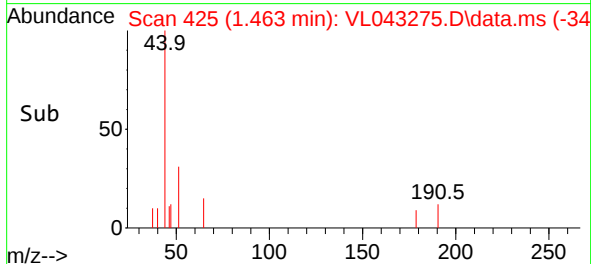
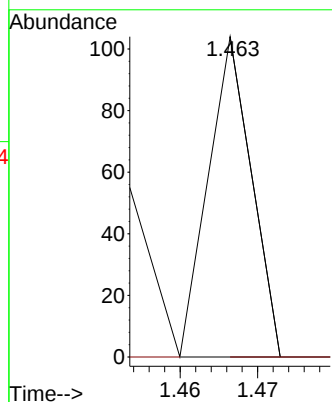
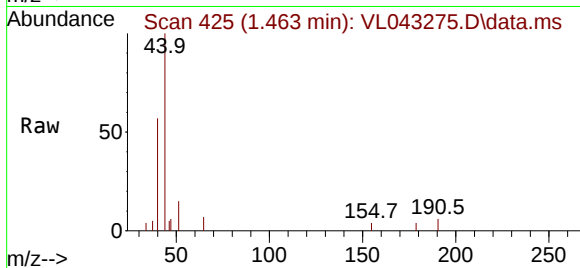




#7
Chloroethane
Concen: 0.009 ppbv
RT: 1.463 min Scan# 41
Delta R.T. -0.237 min
Lab File: VL043275.D
Acq: 21 Nov 2025 07:53

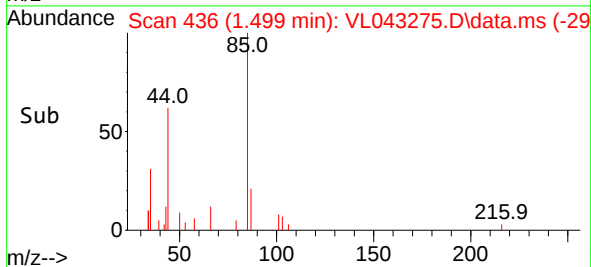
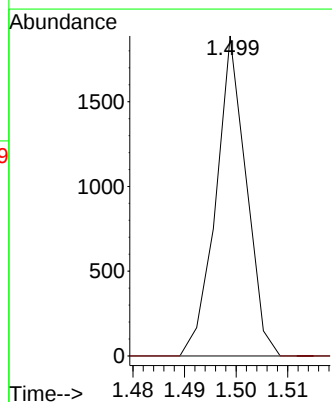
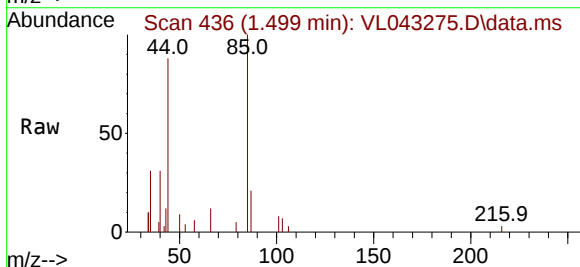
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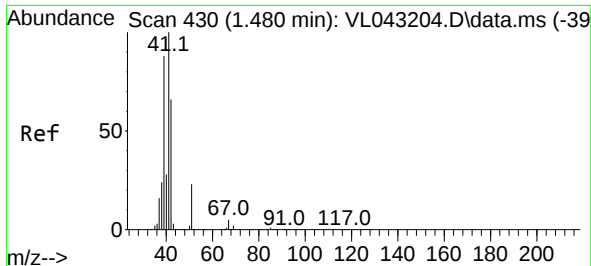
Tgt Ion: 64 Resp: 20
Ion Ratio Lower Upper
64 100
66 0.0 26.8 40.2#



#8
Dichlorotetrafluoroethane
Concen: 0.066 ppbv
RT: 1.499 min Scan# 436
Delta R.T. -0.052 min
Lab File: VL043275.D
Acq: 21 Nov 2025 07:53

Tgt Ion: 85 Resp: 771
Ion Ratio Lower Upper
85 100
135 0.0 52.6 79.0#





#9

Propene

Concen: 0.079 ppbv

RT: 1.483 min Scan# 41

Delta R.T. 0.003 min

Lab File: VL043275.D

Acq: 21 Nov 2025 07:53

Instrument :

MSVOA_L

ClientSampleId :

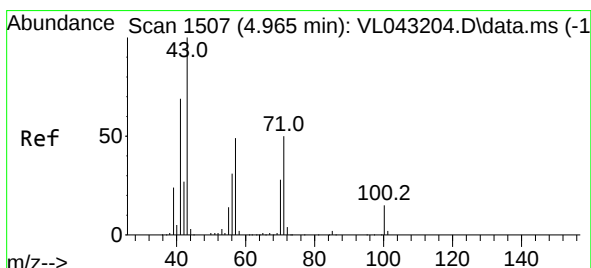
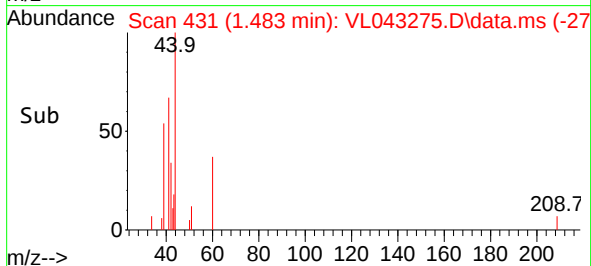
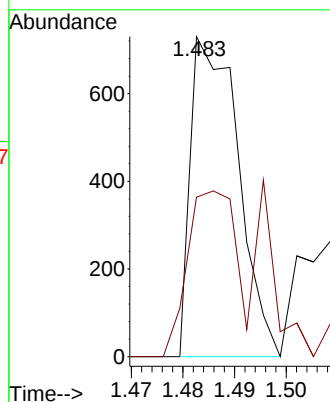
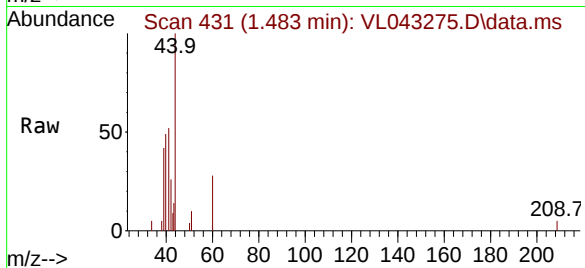
13-SG-1DL

Tgt Ion: 41 Resp: 466

Ion Ratio Lower Upper

41 100

42 0.0 3.7 5.5#



#10

Heptane

Concen: 0.007 ppbv

RT: 4.972 min Scan# 1509

Delta R.T. 0.006 min

Lab File: VL043275.D

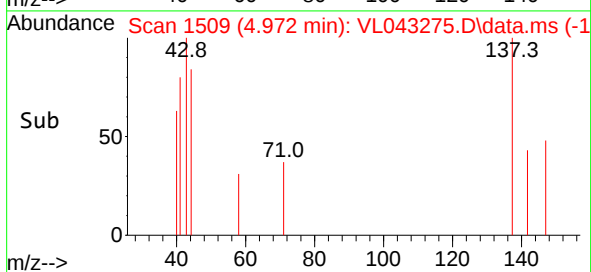
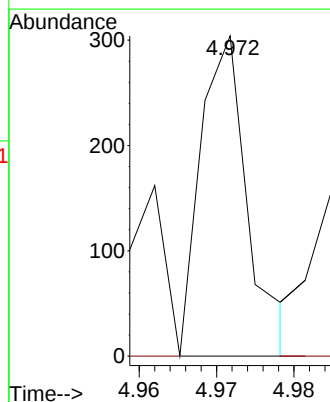
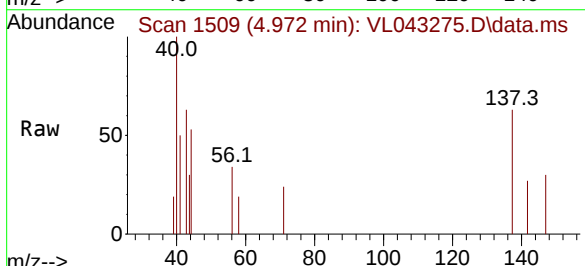
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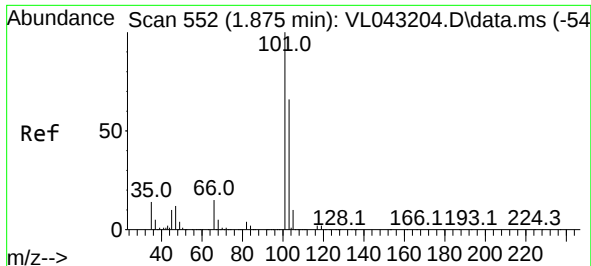
Tgt Ion: 43 Resp: 129

Ion Ratio Lower Upper

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57 0.0 39.7 59.5#

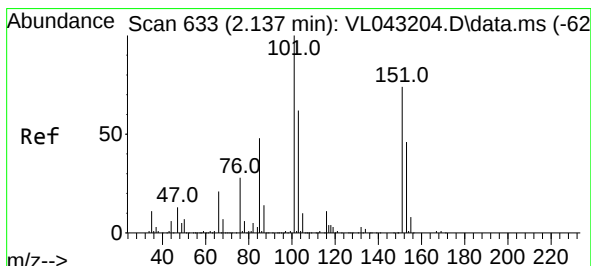
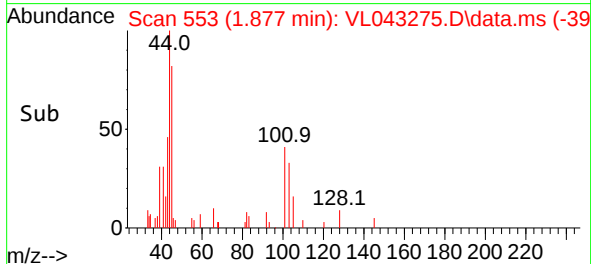
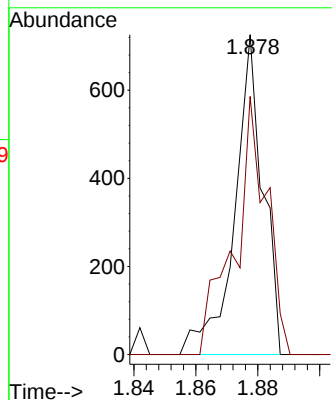
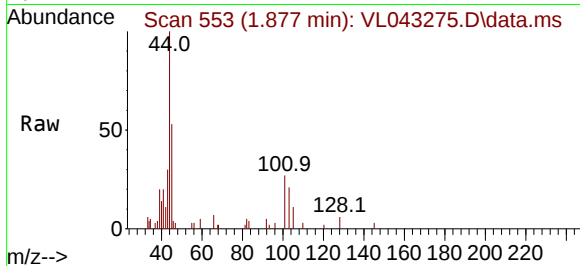




#11
 Trichlorofluoromethane
 Concen: 0.034 ppbv
 RT: 1.877 min Scan# 511
 Delta R.T. 0.003 min
 Lab File: VL043275.D
 Acq: 21 Nov 2025 07:53

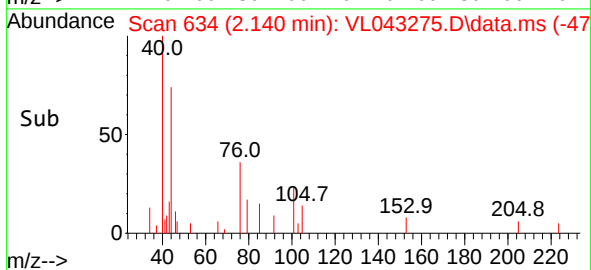
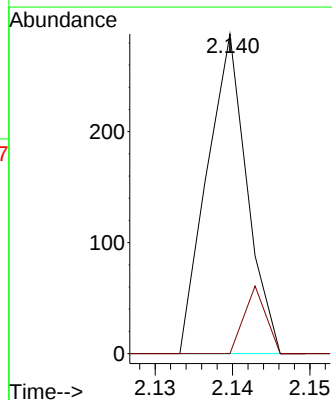
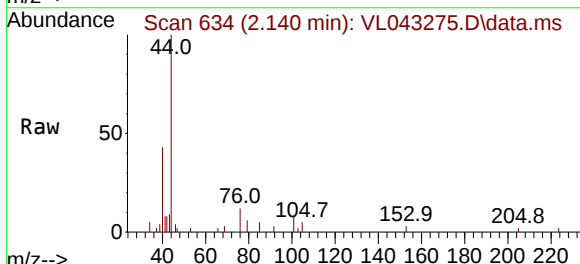
Instrument :
 MSVOA_L
 ClientSampleId :
 13-SG-1DL

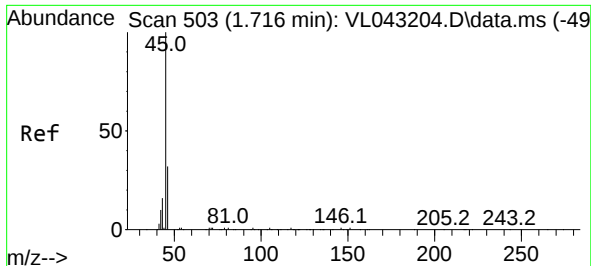
Tgt Ion:101 Resp: 460
 Ion Ratio Lower Upper
 101 100
 103 80.7 52.6 79.0#



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.010 ppbv
 RT: 2.140 min Scan# 634
 Delta R.T. 0.003 min
 Lab File: VL043275.D
 Acq: 21 Nov 2025 07:53

Tgt Ion:101 Resp: 103
 Ion Ratio Lower Upper
 101 100
 151 0.0 59.2 88.8#

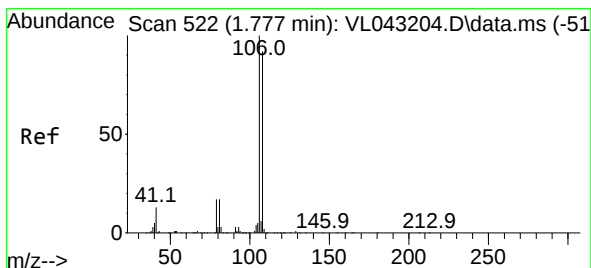
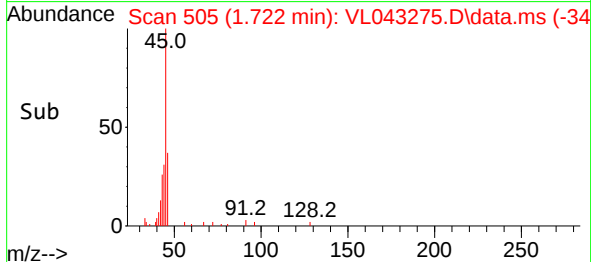
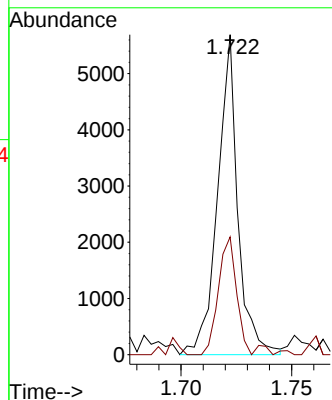
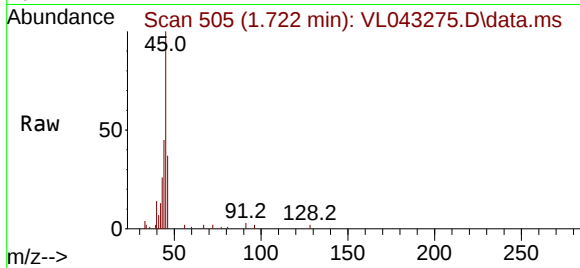




#13
Ethanol
Concen: 1.752 ppbv
RT: 1.722 min Scan# 50
Delta R.T. 0.006 min
Lab File: VL043275.D
Acq: 21 Nov 2025 07:53

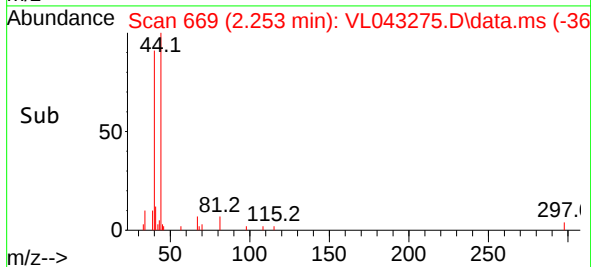
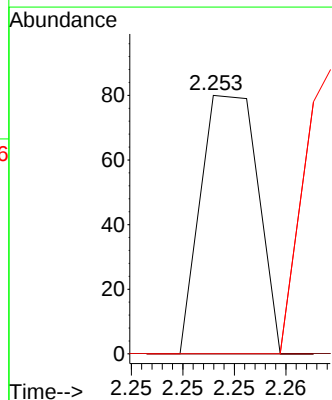
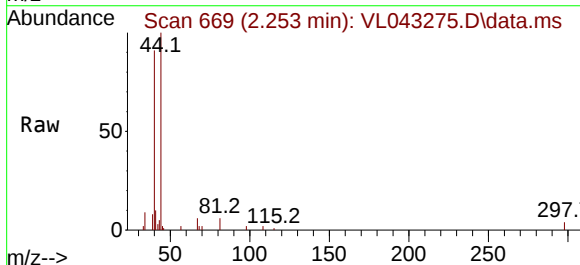
Instrument :
MSVOA_L
ClientSampleId :
13-SG-1DL

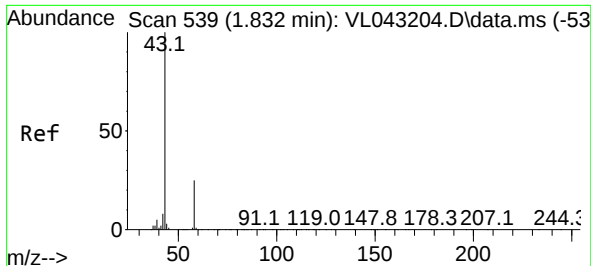
Tgt Ion: 45 Resp: 3624
Ion Ratio Lower Upper
45 100
46 0.0 15.0 59.8#



#14
Bromoethene
Concen: 0.008 ppbv
RT: 2.253 min Scan# 669
Delta R.T. 0.476 min
Lab File: VL043275.D
Acq: 21 Nov 2025 07:53

Tgt Ion:108 Resp: 31
Ion Ratio Lower Upper
108 100
106 0.0 88.9 133.3#
79 961.3 16.5 24.7#

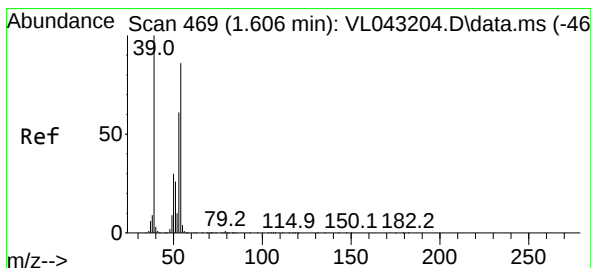
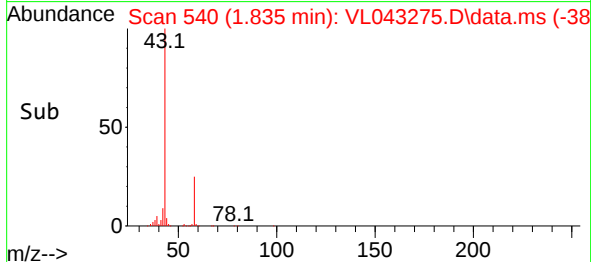
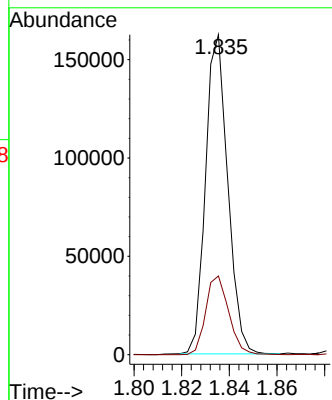
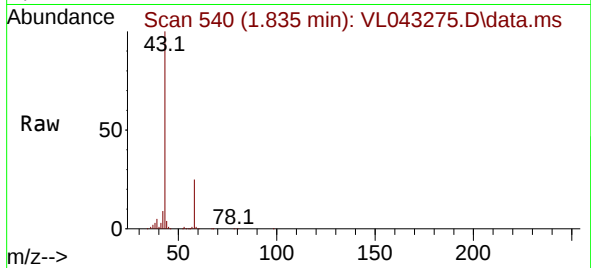




#15
Acetone
Concen: 7.565 ppbv
RT: 1.835 min Scan# 54
Delta R.T. 0.003 min
Lab File: VL043275.D
Acq: 21 Nov 2025 07:53

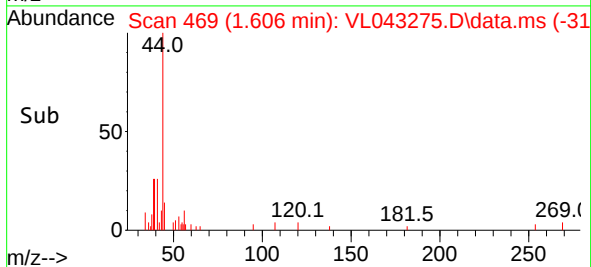
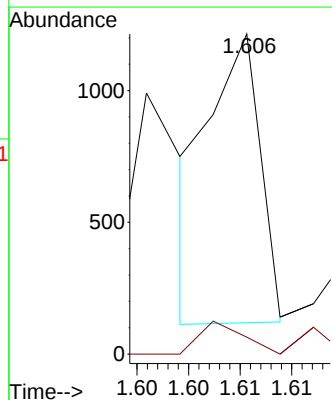
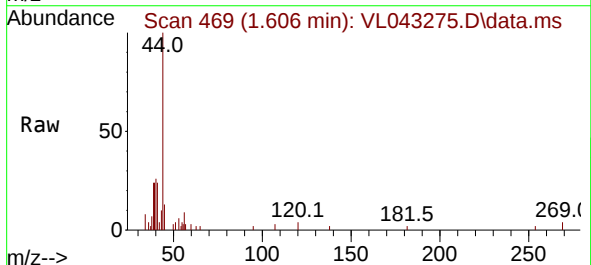
Instrument :
MSVOA_L
ClientSampleId :
13-SG-1DL

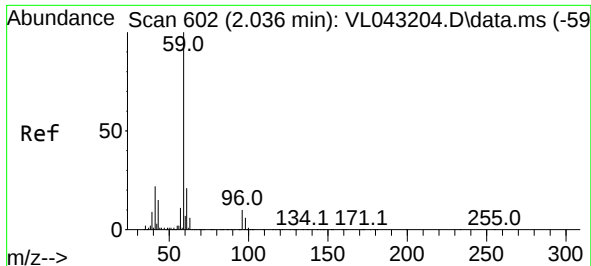
Tgt Ion: 43 Resp: 104948
Ion Ratio Lower Upper
43 100
58 25.7 20.7 31.1



#16
1,3-Butadiene
Concen: 0.060 ppbv
RT: 1.606 min Scan# 469
Delta R.T. -0.000 min
Lab File: VL043275.D
Acq: 21 Nov 2025 07:53

Tgt Ion: 39 Resp: 371
Ion Ratio Lower Upper
39 100
54 0.0 59.4 89.2#





#17

tert-Butyl alcohol

Concen: 0.285 ppbv

RT: 2.043 min Scan# 602

Delta R.T. 0.006 min

Lab File: VL043275.D

Acq: 21 Nov 2025 07:53

Instrument :

MSVOA_1

ClientSampleId :

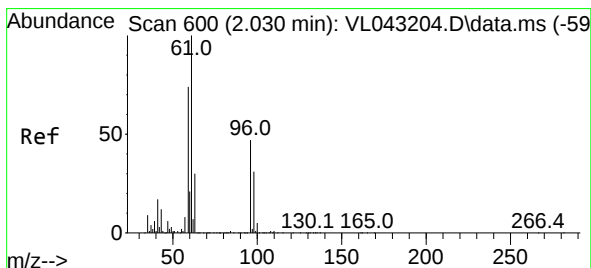
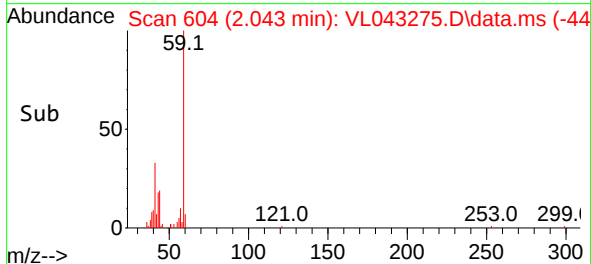
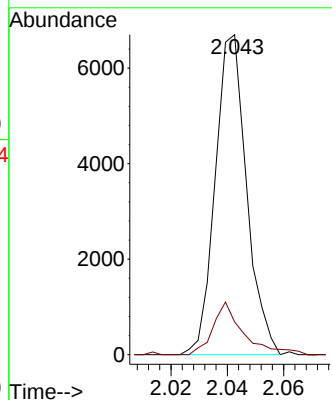
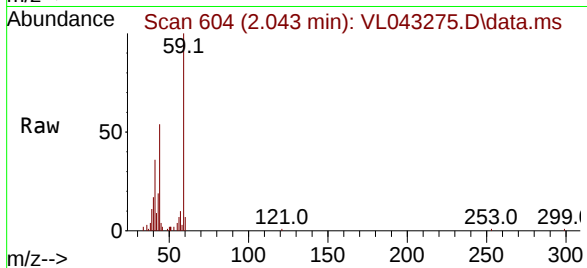
13-SG-1DL

Tgt Ion: 59 Resp: 5189

Ion Ratio Lower Upper

59 100

57 15.9 9.0 13.4#



#18

1,1-Dichloroethene

Concen: 0.006 ppbv

RT: 1.939 min Scan# 572

Delta R.T. -0.091 min

Lab File: VL043275.D

Acq: 21 Nov 2025 07:53

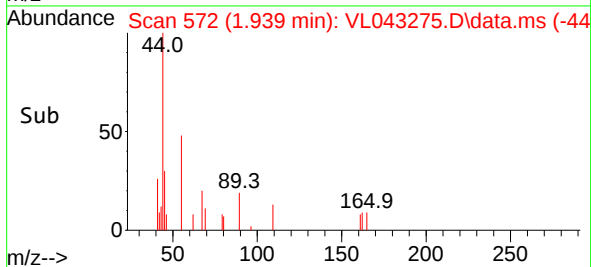
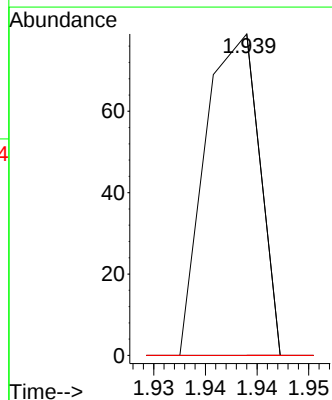
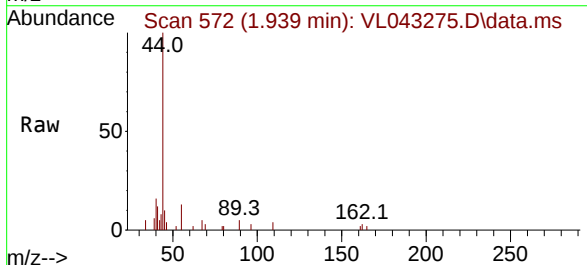
Tgt Ion: 96 Resp: 29

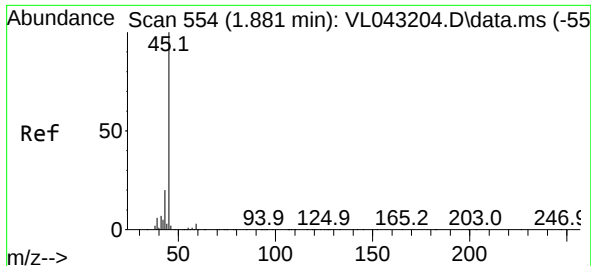
Ion Ratio Lower Upper

96 100

61 0.0 170.6 255.8#

98 0.0 52.2 78.4#

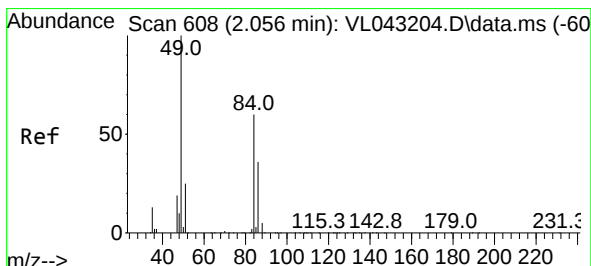
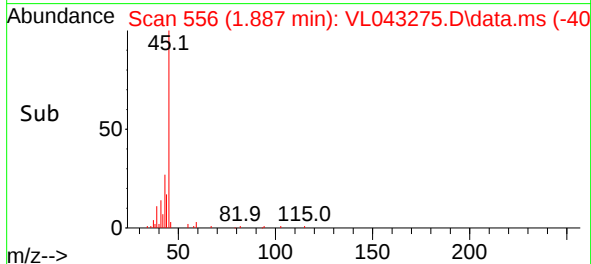
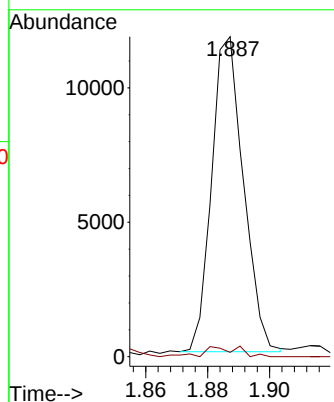
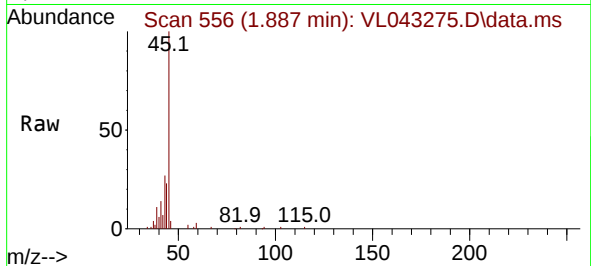




#19
Isopropyl Alcohol
Concen: 1.064 ppbv
RT: 1.887 min Scan# 51
Delta R.T. 0.006 min
Lab File: VL043275.D
Acq: 21 Nov 2025 07:53

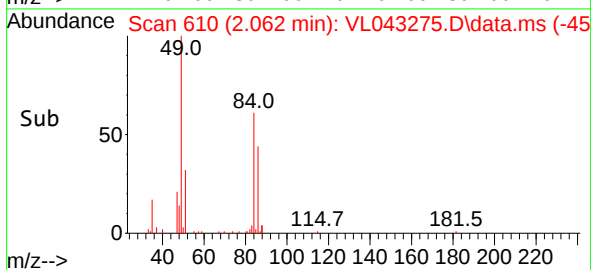
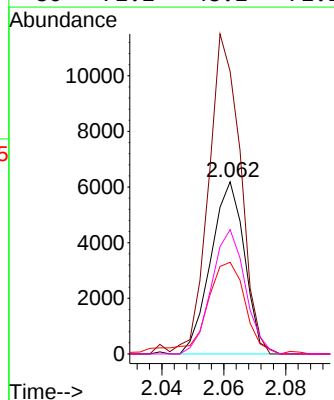
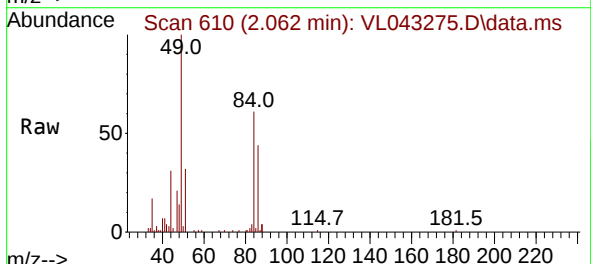
Instrument :
MSVOA_L
ClientSampleId :
13-SG-1DL

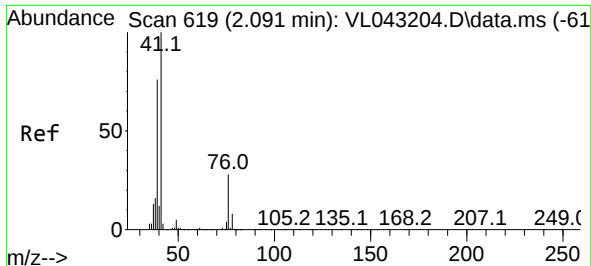
Tgt Ion: 45 Resp: 8343
Ion Ratio Lower Upper
45 100
58 322.5 31.3 46.9#



#20
Methylene Chloride
Concen: 0.392 ppbv
RT: 2.062 min Scan# 610
Delta R.T. 0.006 min
Lab File: VL043275.D
Acq: 21 Nov 2025 07:53

Tgt Ion: 84 Resp: 4686
Ion Ratio Lower Upper
84 100
49 164.2 132.9 199.3
51 53.3 34.8 52.2#
86 72.2 48.2 72.2

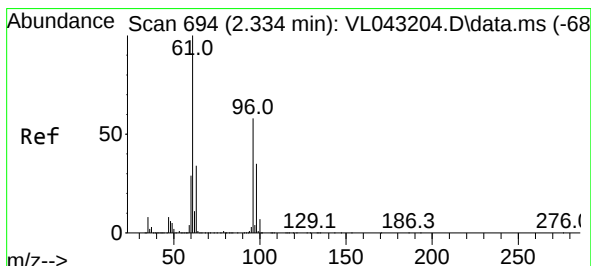
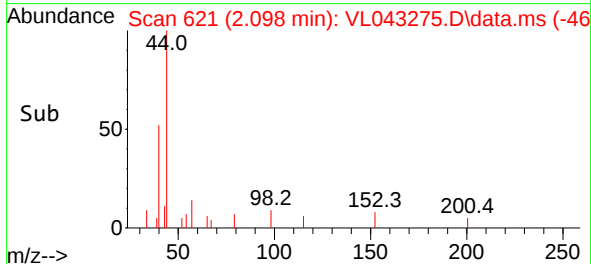
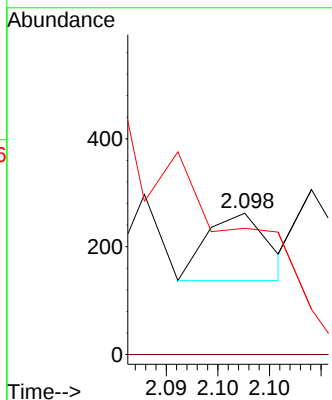
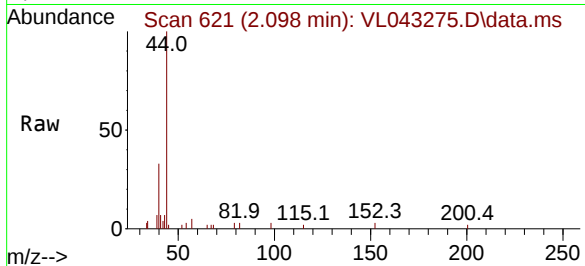




#21
 Allyl Chloride
 Concen: 0.006 ppbv
 RT: 2.098 min Scan# 619
 Delta R.T. 0.006 min
 Lab File: VL043275.D
 Acq: 21 Nov 2025 07:53

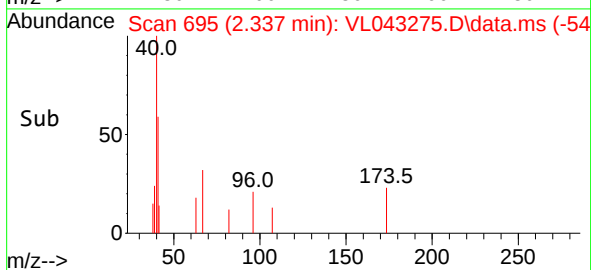
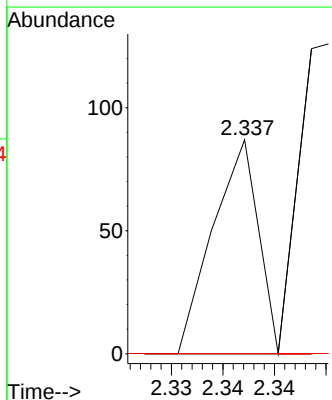
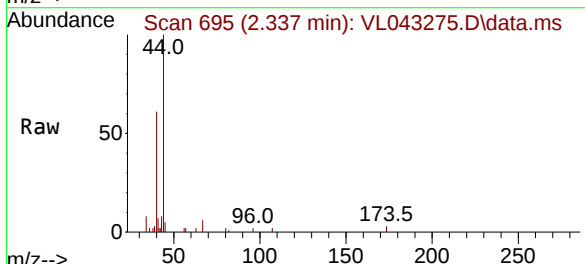
Instrument :
 MSVOA_1
 ClientSampleId :
 13-SG-1DL

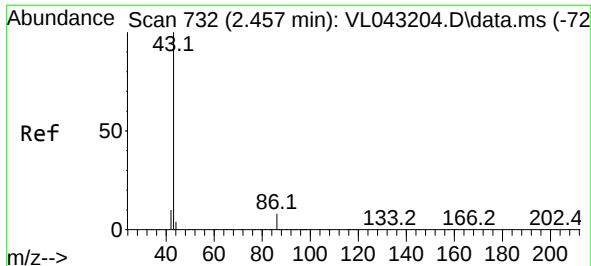
Tgt Ion: 41 Resp: 53
 Ion Ratio Lower Upper
 41 100
 76 0.0 22.1 33.1#
 39 0.0 61.0 91.4#



#22
 trans-1,2-Dichloroethene
 Concen: 0.005 ppbv
 RT: 2.337 min Scan# 695
 Delta R.T. 0.003 min
 Lab File: VL043275.D
 Acq: 21 Nov 2025 07:53

Tgt Ion: 96 Resp: 27
 Ion Ratio Lower Upper
 96 100
 61 0.0 139.0 208.6#
 98 0.0 49.4 74.2#

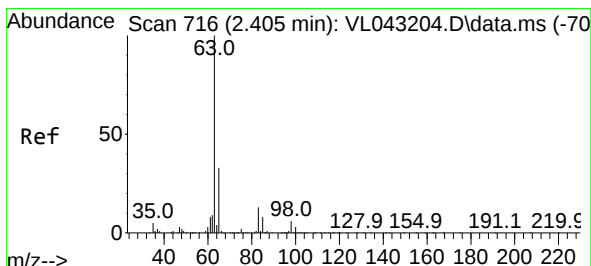
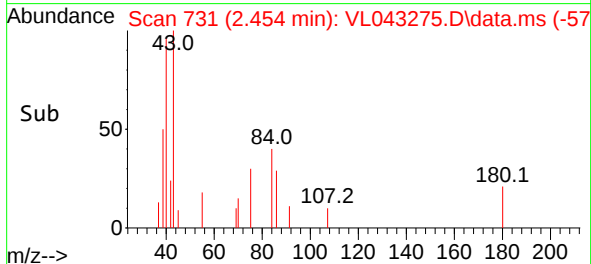
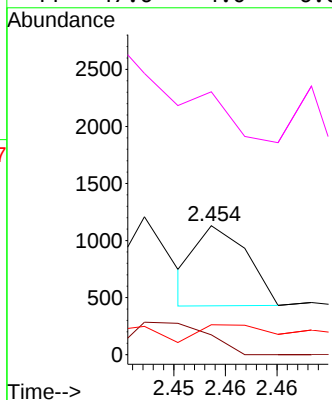
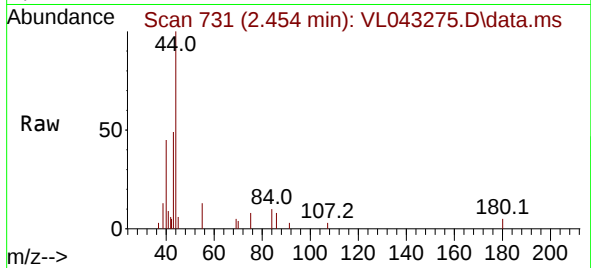




#23
 Vinyl Acetate
 Concen: 0.014 ppbv
 RT: 2.454 min Scan# 71
 Delta R.T. -0.003 min
 Lab File: VL043275.D
 Acq: 21 Nov 2025 07:53

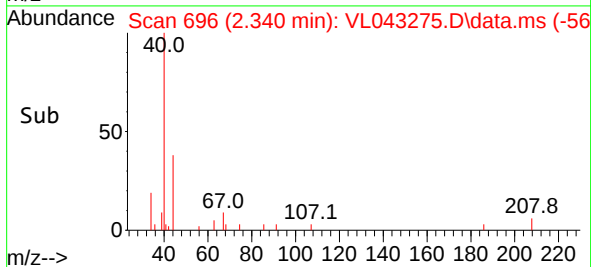
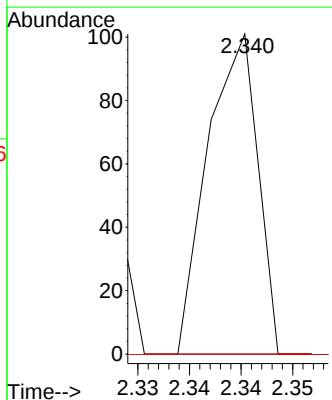
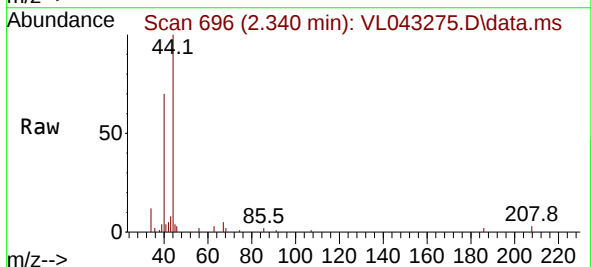
Instrument :
 MSVOA_1
 ClientSampleId :
 13-SG-1DL

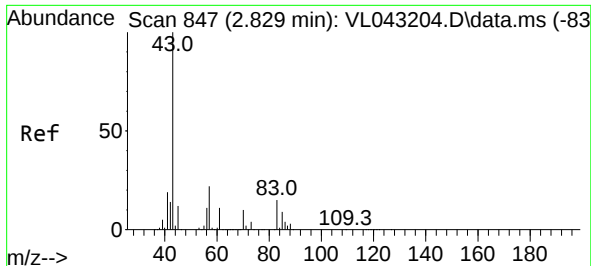
Tgt Ion: 43	Resp: 235
Ion Ratio	Lower Upper
43 100	
86 24.9	6.2 9.2#
42 22.3	8.0 12.0#
44 47.6	4.0 6.0#



#24
 1,1-Dichloroethane
 Concen: 0.003 ppbv
 RT: 2.340 min Scan# 696
 Delta R.T. -0.065 min
 Lab File: VL043275.D
 Acq: 21 Nov 2025 07:53

Tgt Ion: 63	Resp:	34
Ion Ratio	Lower	Upper
63 100		
98 0.0	2.8	8.4#
100 0.0	1.3	3.9#





#25

Ethyl Acetate

Concen: 0.089 ppbv

RT: 2.829 min Scan# 847

Delta R.T. -0.000 min

Lab File: VL043275.D

Acq: 21 Nov 2025 07:53

Instrument :

MSVOA_L

ClientSampleId :

13-SG-1DL

Tgt Ion: 43 Resp: 2661

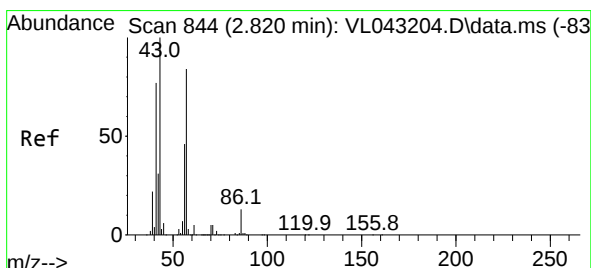
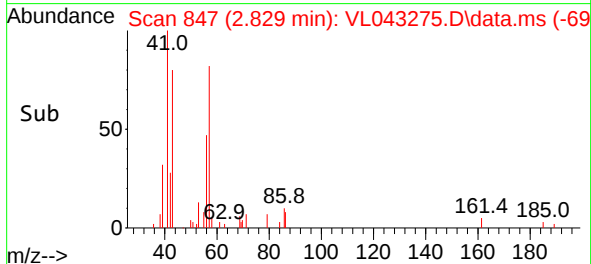
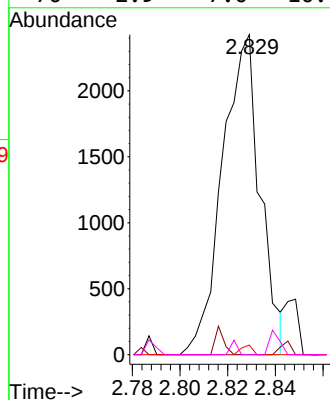
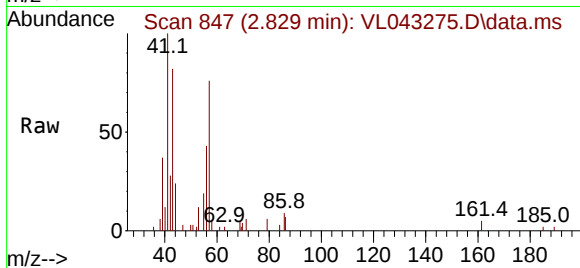
Ion Ratio Lower Upper

43 100

45 0.0 8.1 12.1#

61 0.9 7.0 10.4#

70 2.9 7.0 10.6#



#26

Hexane

Concen: 0.246 ppbv

RT: 2.826 min Scan# 846

Delta R.T. 0.006 min

Lab File: VL043275.D

Acq: 21 Nov 2025 07:53

Tgt Ion: 57 Resp: 3223

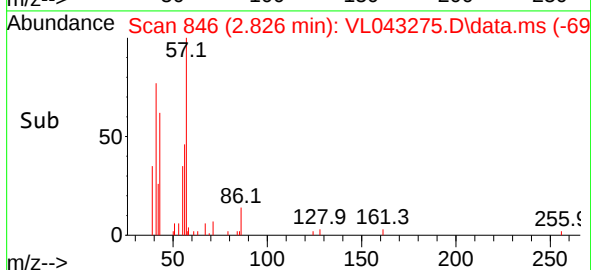
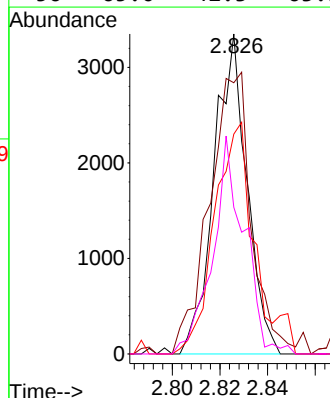
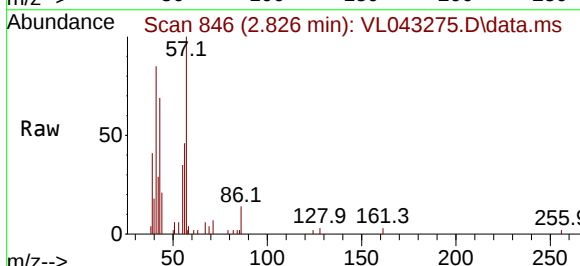
Ion Ratio Lower Upper

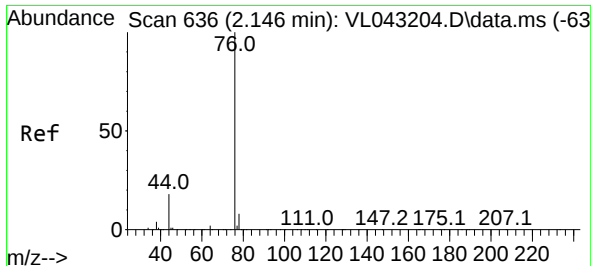
57 100

41 113.9 74.6 111.8#

43 87.6 179.0 268.4#

56 65.0 42.3 63.5#





#27

Carbon Disulfide

Concen: 0.104 ppbv

RT: 2.149 min Scan# 61

Delta R.T. 0.003 min

Lab File: VL043275.D

Acq: 21 Nov 2025 07:53

Instrument :

MSVOA_L

ClientSampleId :

13-SG-1DL

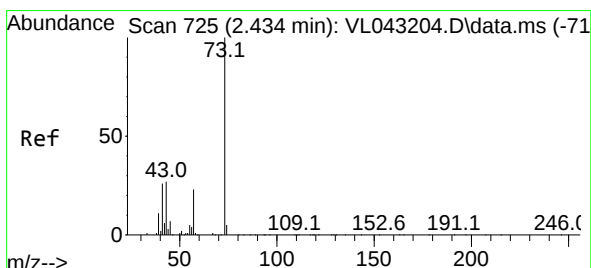
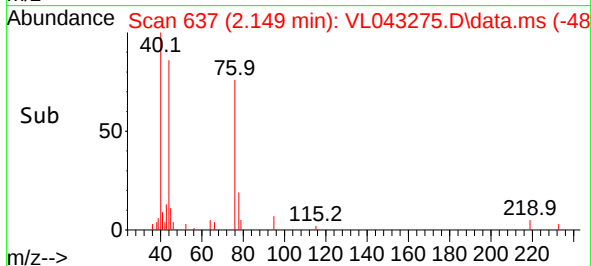
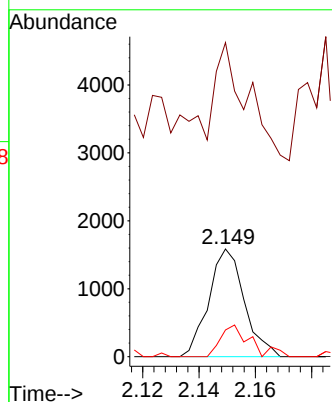
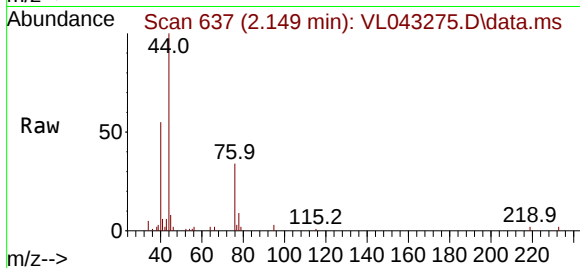
Tgt Ion: 76 Resp: 1390

Ion Ratio Lower Upper

76 100

44 193.9 16.1 24.1#

78 28.8 9.6 14.4#



#28

Methyl tert-Butyl Ether

Concen: 0.009 ppbv

RT: 2.415 min Scan# 719

Delta R.T. -0.020 min

Lab File: VL043275.D

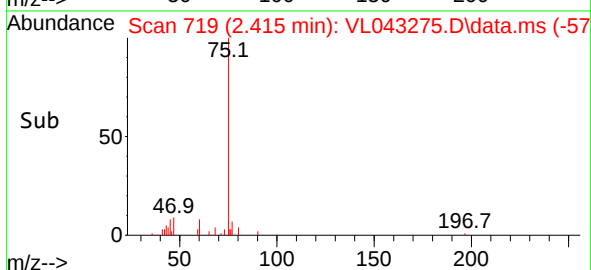
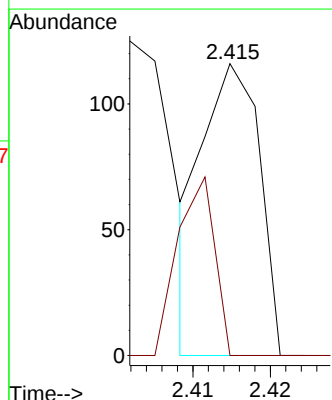
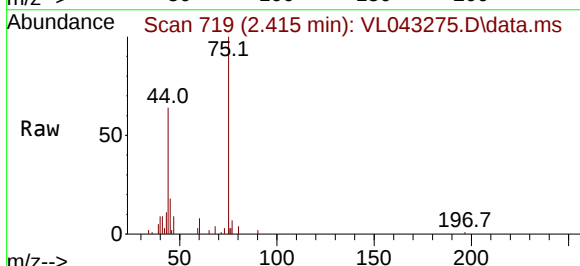
Acq: 21 Nov 2025 07:53

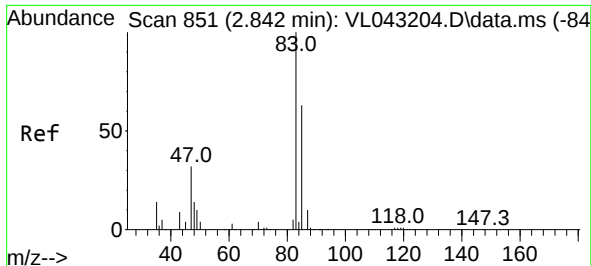
Tgt Ion: 73 Resp: 59

Ion Ratio Lower Upper

73 100

57 0.0 19.8 29.8#





#29

Chloroform

Concen: 0.009 ppbv

RT: 2.849 min Scan# 853

Delta R.T. 0.006 min

Lab File: VL043275.D

Acq: 21 Nov 2025 07:53

Instrument :

MSVOA_L

ClientSampleId :

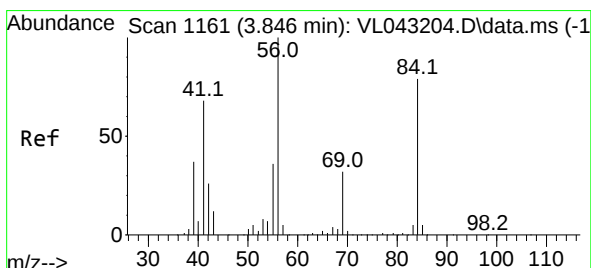
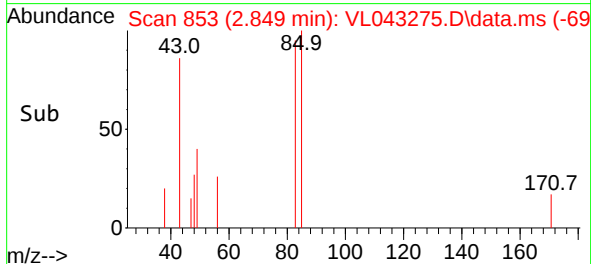
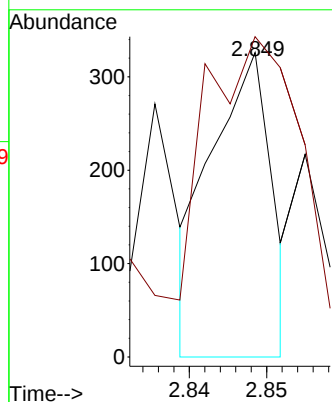
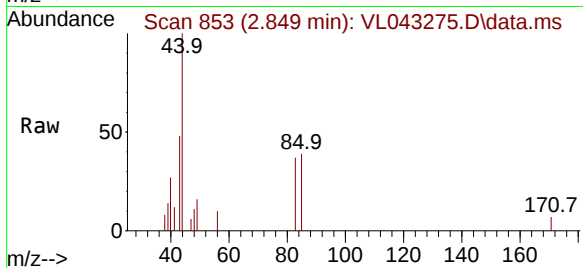
13-SG-1DL

Tgt Ion: 83 Resp: 177

Ion Ratio Lower Upper

83 100

85 138.2 50.5 75.7#



#30

Cyclohexane

Concen: 0.006 ppbv

RT: 3.845 min Scan# 1161

Delta R.T. -0.000 min

Lab File: VL043275.D

Acq: 21 Nov 2025 07:53

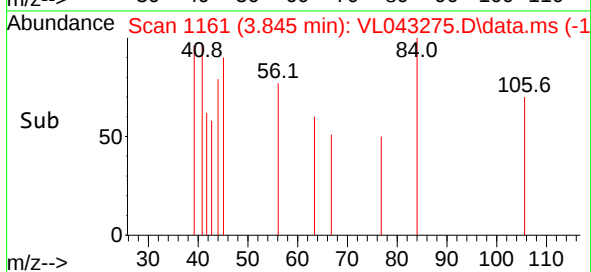
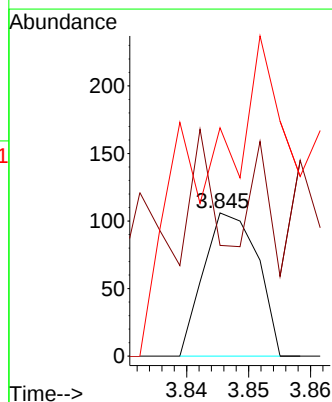
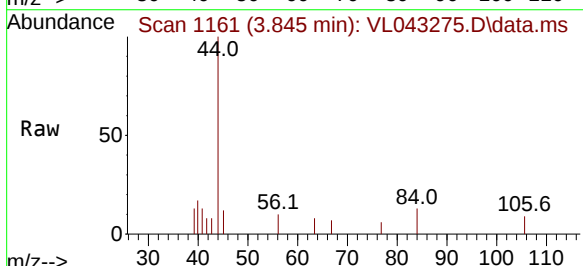
Tgt Ion: 84 Resp: 64

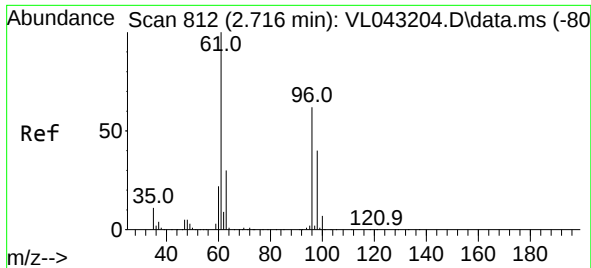
Ion Ratio Lower Upper

84 100

56 0.0 104.7 157.1#

41 642.2 69.0 103.6#

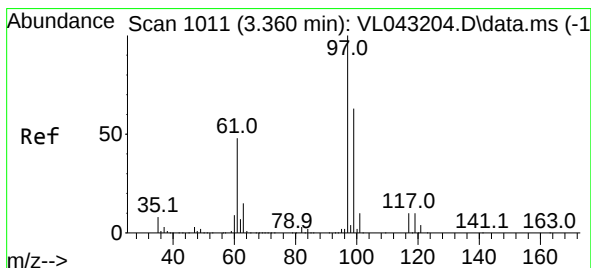
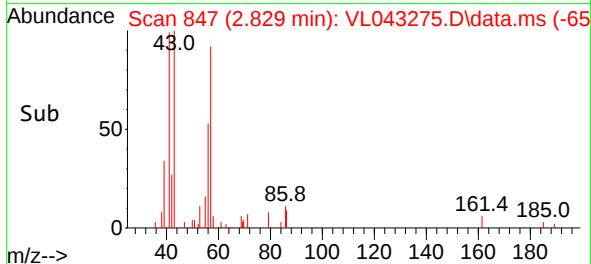
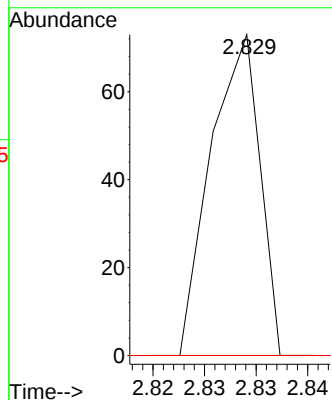
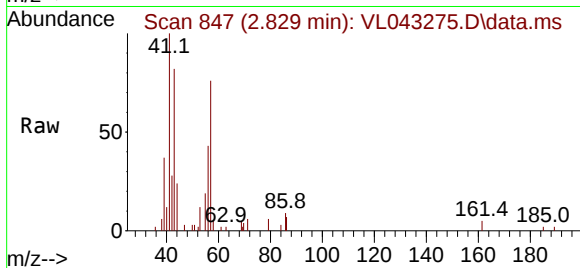




#31
 cis-1,2-Dichloroethene
 Concen: 0.002 ppbv
 RT: 2.829 min Scan# 847
 Delta R.T. 0.113 min
 Lab File: VL043275.D
 Acq: 21 Nov 2025 07:53

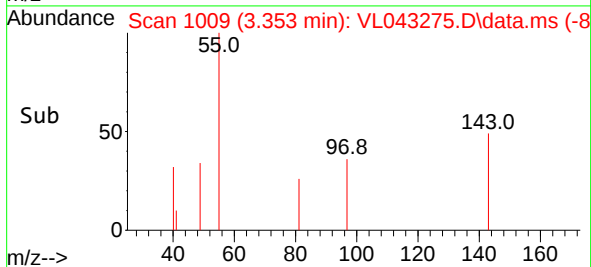
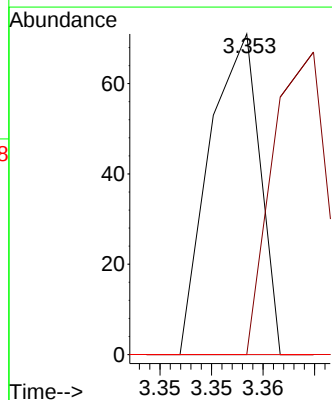
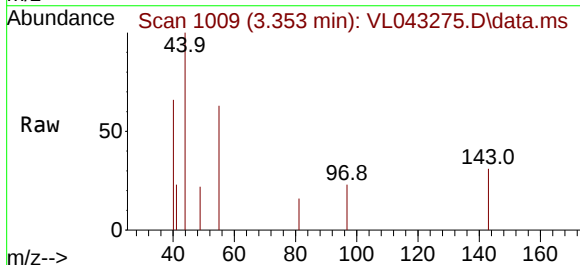
Instrument :
 MSVOA_L
 ClientSampleId :
 13-SG-1DL

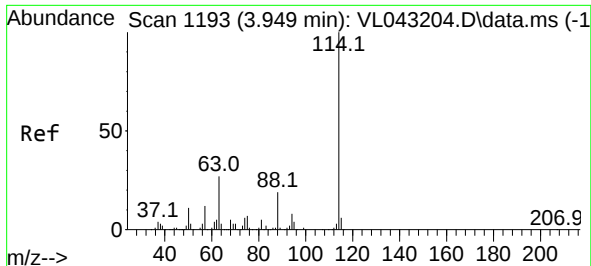
Tgt Ion: 61 Resp: 24
 Ion Ratio Lower Upper
 61 100
 96 0.0 49.3 73.9#
 98 0.0 32.1 48.1#



#32
 1,1,1-Trichloroethane
 Concen: 0.001 ppbv
 RT: 3.353 min Scan# 1009
 Delta R.T. -0.007 min
 Lab File: VL043275.D
 Acq: 21 Nov 2025 07:53

Tgt Ion: 97 Resp: 24
 Ion Ratio Lower Upper
 97 100
 99 0.0 50.3 75.5#
 61 104.2 38.9 58.3#





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.955 min Scan# 1195

Delta R.T. 0.006 min

Lab File: VL043275.D

Acq: 21 Nov 2025 07:53

Instrument :

MSVOA_L

ClientSampleId :

13-SG-1DL

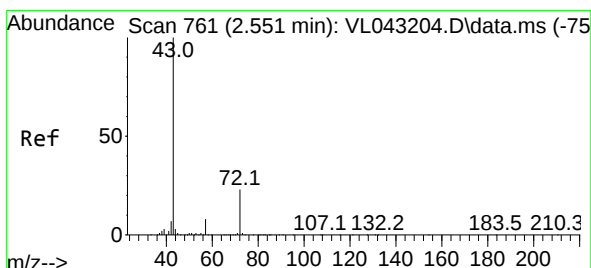
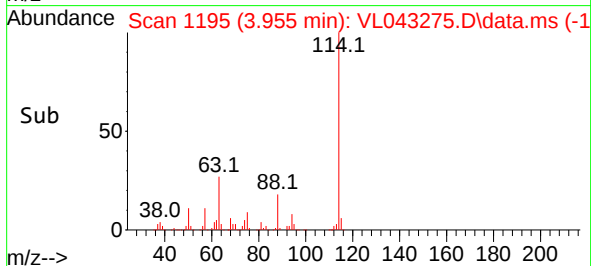
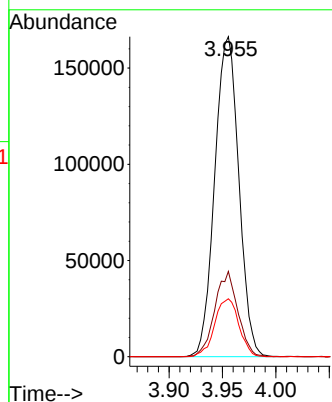
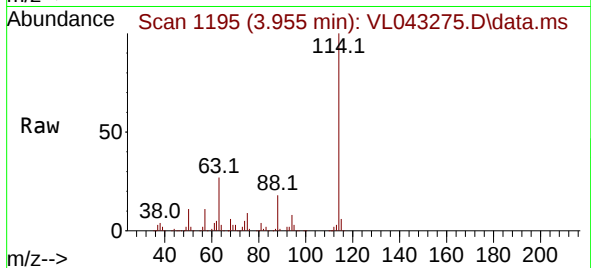
Tgt Ion:114 Resp: 261008

Ion Ratio Lower Upper

114 100

63 25.6 21.0 31.6

88 18.2 14.9 22.3



#34

2-Butanone

Concen: 0.265 ppbv

RT: 2.557 min Scan# 763

Delta R.T. 0.006 min

Lab File: VL043275.D

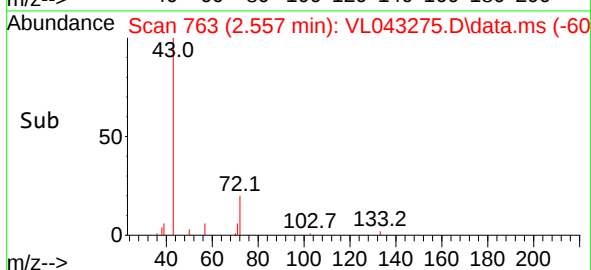
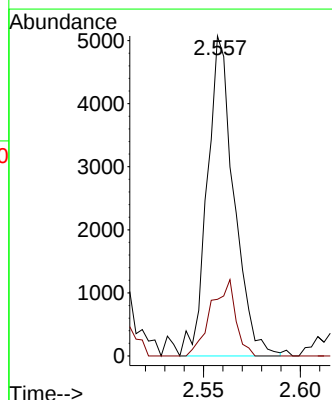
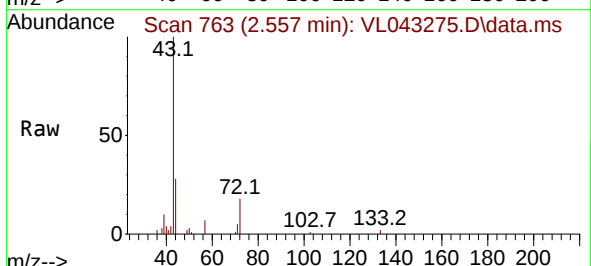
Acq: 21 Nov 2025 07:53

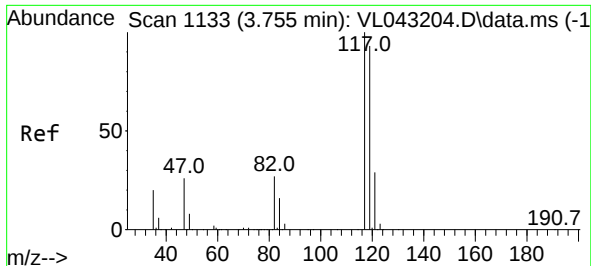
Tgt Ion: 43 Resp: 4874

Ion Ratio Lower Upper

43 100

72 22.0 18.1 27.1

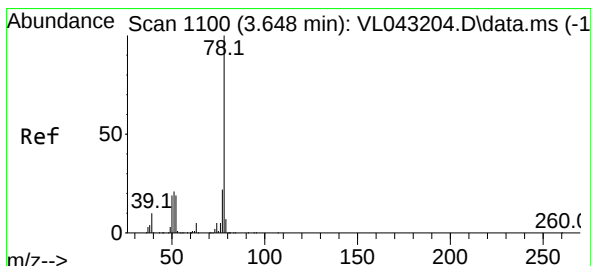
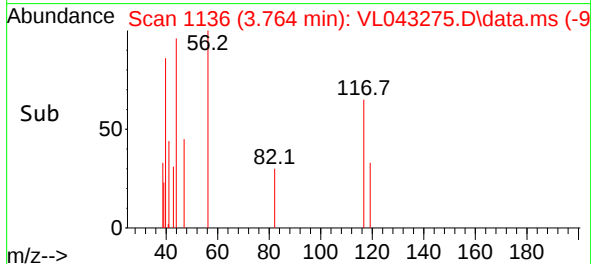
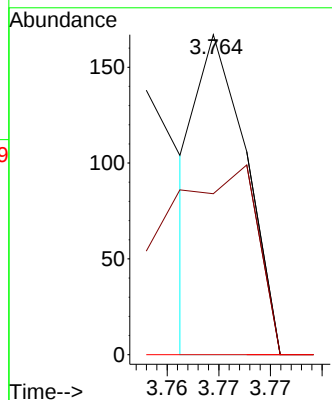
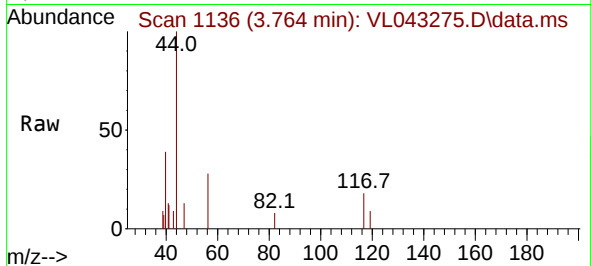




#35
Carbon Tetrachloride
Concen: 0.003 ppbv
RT: 3.764 min Scan# 1133
Delta R.T. 0.009 min
Lab File: VL043275.D
Acq: 21 Nov 2025 07:53

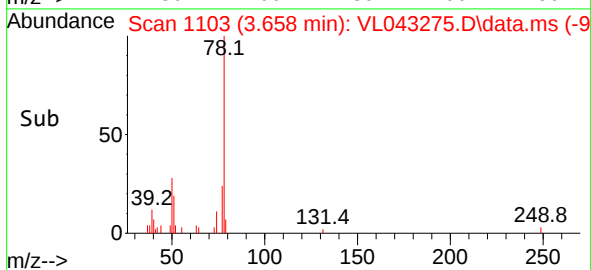
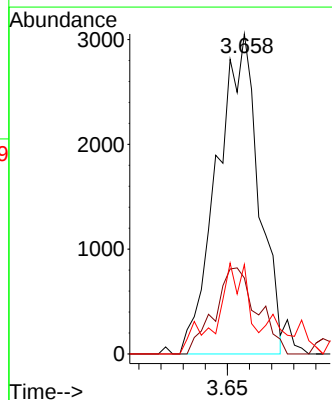
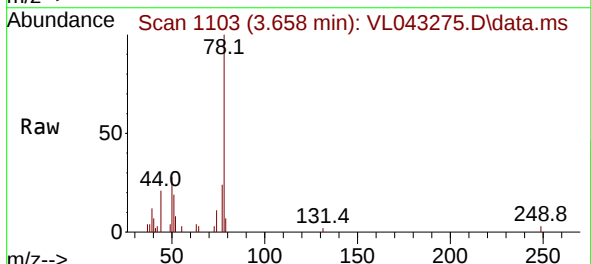
Instrument :
MSVOA_L
ClientSampleId :
13-SG-1DL

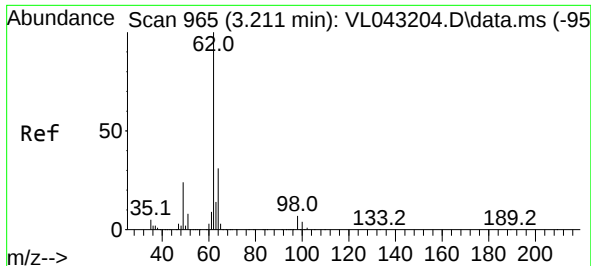
Tgt Ion:117 Resp: 53
Ion Ratio Lower Upper
117 100
119 50.3 74.6 112.0#
121 0.0 23.2 34.8#



#36
Benzene
Concen: 0.160 ppbv
RT: 3.658 min Scan# 1103
Delta R.T. 0.009 min
Lab File: VL043275.D
Acq: 21 Nov 2025 07:53

Tgt Ion: 78 Resp: 3988
Ion Ratio Lower Upper
78 100
77 23.7 17.5 26.3
50 27.9 15.5 23.3#

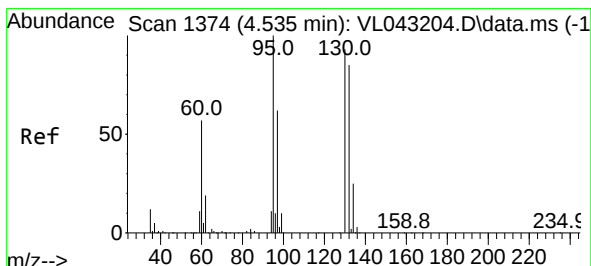
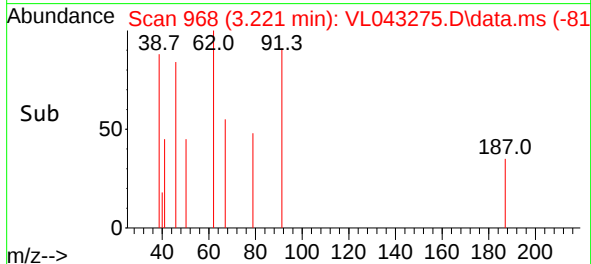
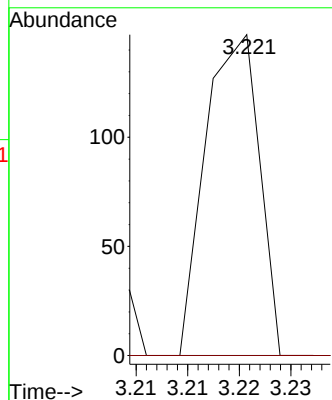
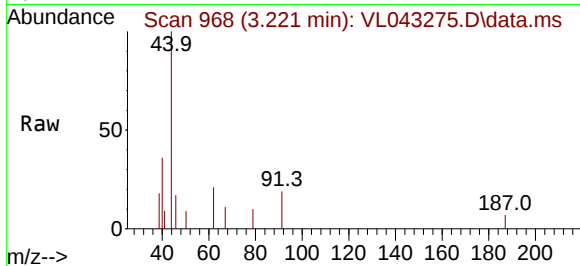




#37
1,2-Dichloroethane
Concen: 0.004 ppbv
RT: 3.221 min Scan# 90
Delta R.T. 0.009 min
Lab File: VL043275.D
Acq: 21 Nov 2025 07:53

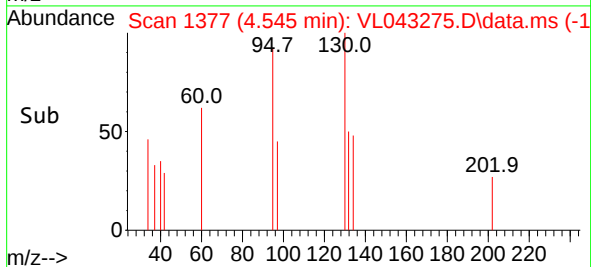
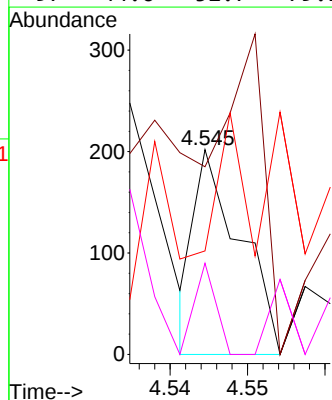
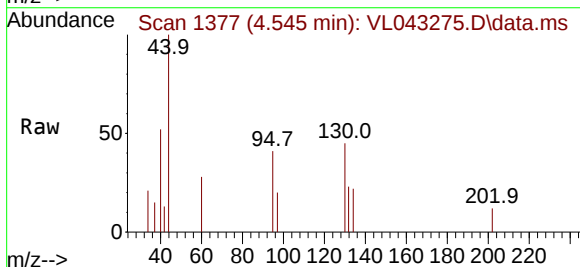
Instrument :
MSVOA_L
ClientSampleId :
13-SG-1DL

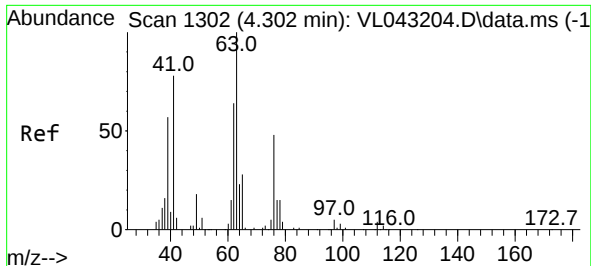
Tgt Ion: 62 Resp: 53
Ion Ratio Lower Upper
62 100
98 0.0 5.5 8.3#



#38
Trichloroethene
Concen: 0.008 ppbv
RT: 4.545 min Scan# 1377
Delta R.T. 0.009 min
Lab File: VL043275.D
Acq: 21 Nov 2025 07:53

Tgt Ion:130 Resp: 83
Ion Ratio Lower Upper
130 100
95 91.6 85.7 128.5
132 4.0 73.4 110.0#
97 44.6 52.7 79.1#





#39

1,2-Dichloropropane

Concen: 7.289 ppbv

RT: 3.955 min Scan# 1195

Delta R.T. -0.347 min

Lab File: VL043275.D

Acq: 21 Nov 2025 07:53

Instrument :

MSVOA_L

ClientSampleId :

13-SG-1DL

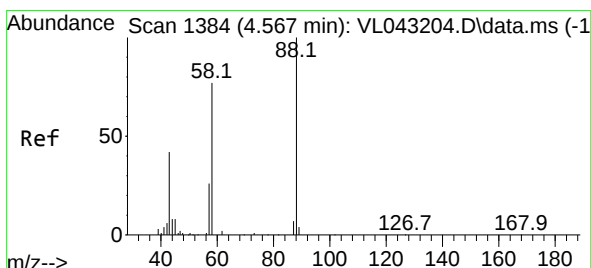
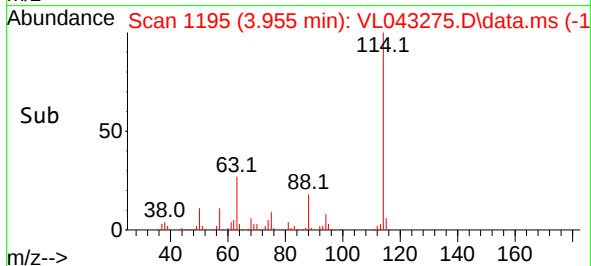
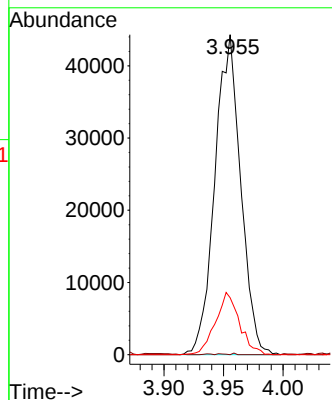
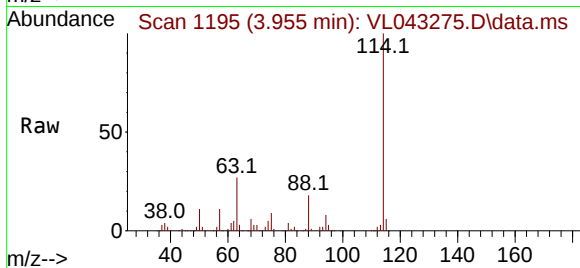
Tgt Ion: 63 Resp: 66687

Ion Ratio Lower Upper

63 100

41 0.0 62.6 93.8#

62 17.8 51.0 76.6#



#40

1,4-Dioxane

Concen: 0.010 ppbv

RT: 4.609 min Scan# 1397

Delta R.T. 0.042 min

Lab File: VL043275.D

Acq: 21 Nov 2025 07:53

Tgt Ion: 88 Resp: 43

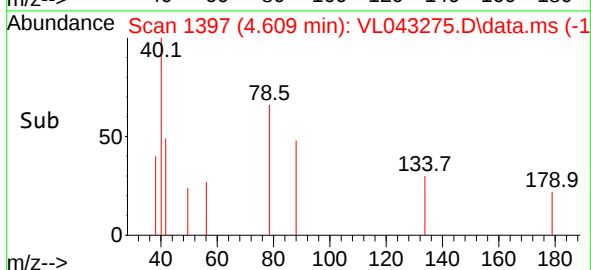
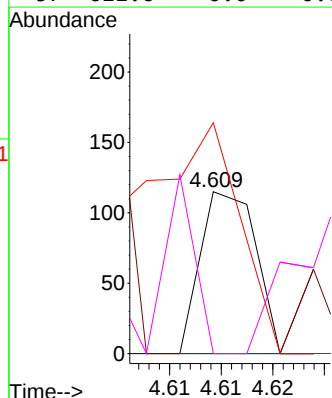
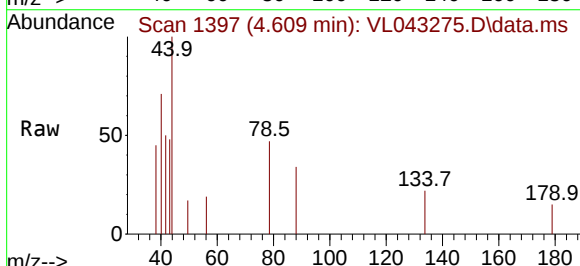
Ion Ratio Lower Upper

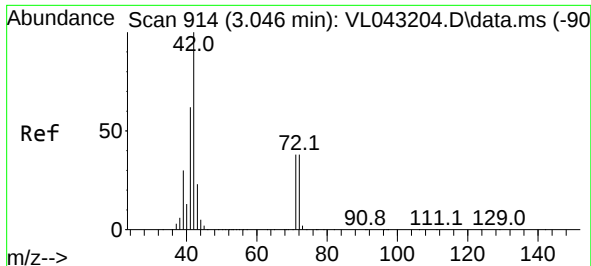
88 100

58 269.8 63.0 94.6#

43 441.9 32.5 48.7#

57 611.6 0.0 0.0#

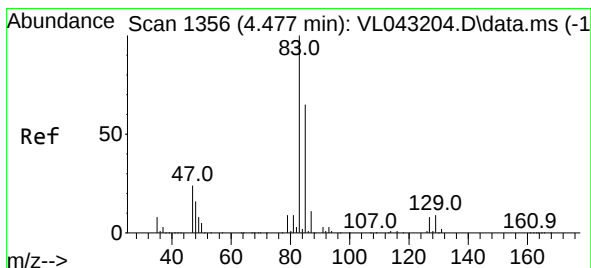
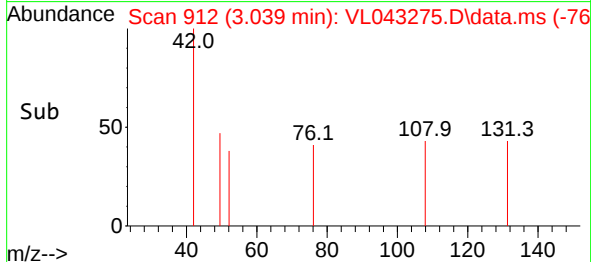
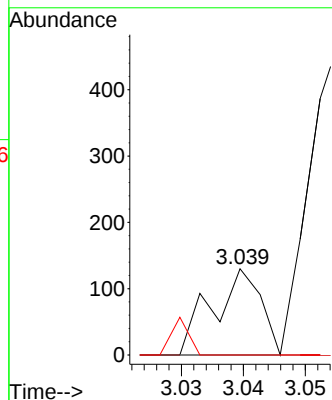
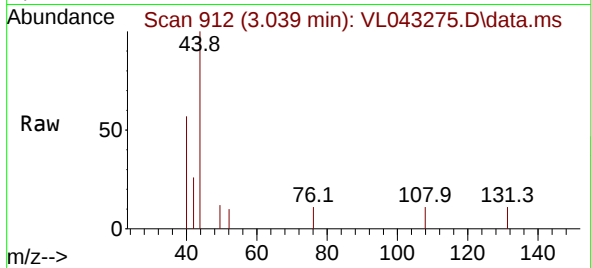




#41
Tetrahydrofuran
Concen: 0.007 ppbv
RT: 3.039 min Scan# 914
Delta R.T. -0.007 min
Lab File: VL043275.D
Acq: 21 Nov 2025 07:53

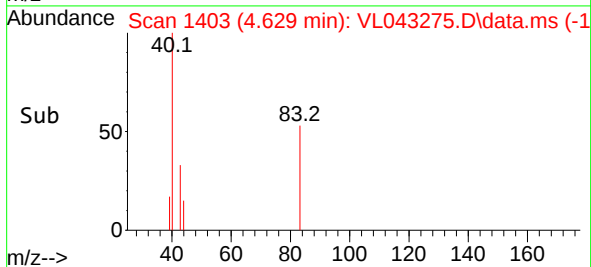
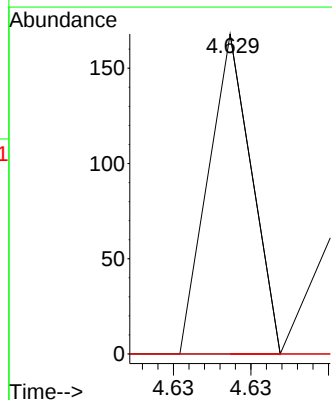
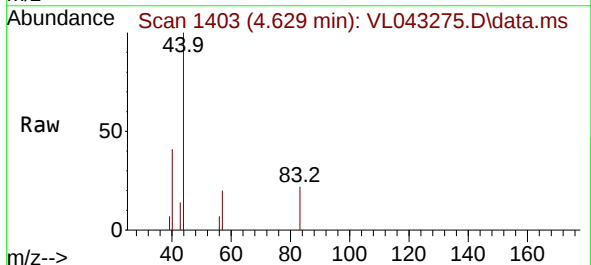
Instrument :
MSVOA_L
ClientSampleId :
13-SG-1DL

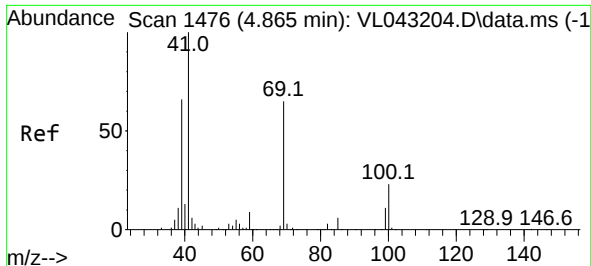
Tgt Ion: 42 Resp: 71
Ion Ratio Lower Upper
42 100
72 0.0 30.6 46.0#
71 0.0 30.5 45.7#



#42
Bromodichloromethane
Concen: 0.002 ppbv
RT: 4.629 min Scan# 1403
Delta R.T. 0.152 min
Lab File: VL043275.D
Acq: 21 Nov 2025 07:53

Tgt Ion: 83 Resp: 33
Ion Ratio Lower Upper
83 100
85 0.0 51.7 77.5#
127 0.0 6.3 9.5#





#43

Methyl Methacrylate

Concen: 0.003 ppbv

RT: 5.101 min Scan# 11

Delta R.T. 0.236 min

Lab File: VL043275.D

Acq: 21 Nov 2025 07:53

Instrument :

MSVOA_L

ClientSampleId :

13-SG-1DL

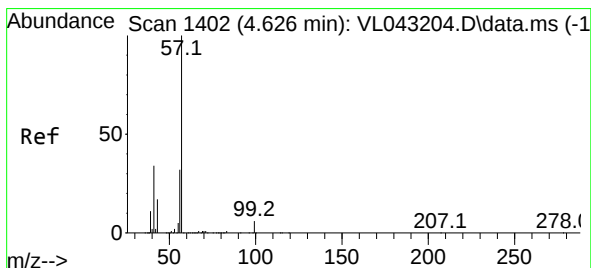
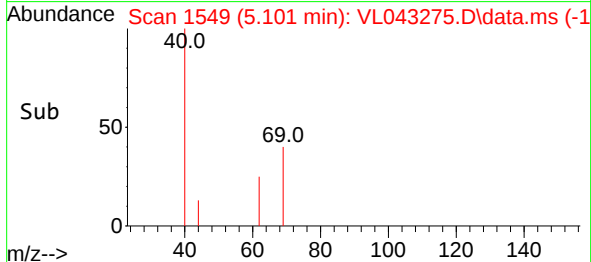
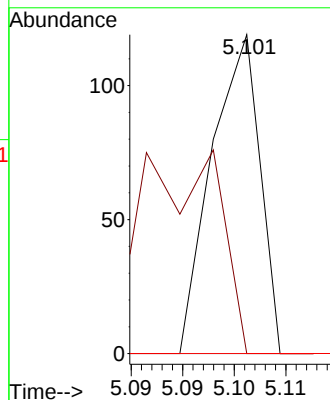
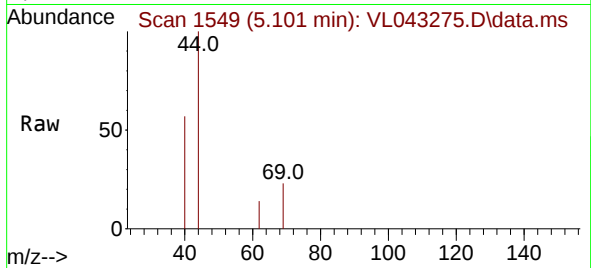
Tgt Ion: 69 Resp: 39

Ion Ratio Lower Upper

69 100

41 100.0 126.7 190.1#

100 0.0 28.6 43.0#



#44

2,2,4-Trimethylpentane

Concen: 0.002 ppbv

RT: 4.632 min Scan# 1404

Delta R.T. 0.006 min

Lab File: VL043275.D

Acq: 21 Nov 2025 07:53

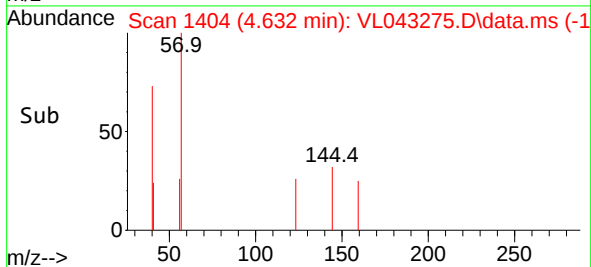
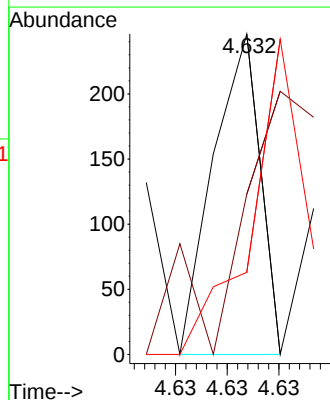
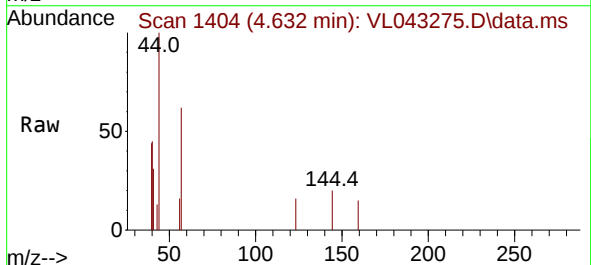
Tgt Ion: 57 Resp: 78

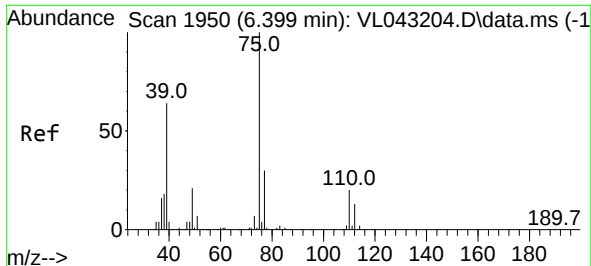
Ion Ratio Lower Upper

57 100

41 0.0 28.0 42.0#

56 0.0 25.6 38.4#





#45

t-1,3-Dichloropropene

Concen: 0.003 ppbv

RT: 6.046 min Scan# 1841

Delta R.T. -0.353 min

Lab File: VL043275.D

Acq: 21 Nov 2025 07:53

Instrument :

MSVOA_L

ClientSampleId :

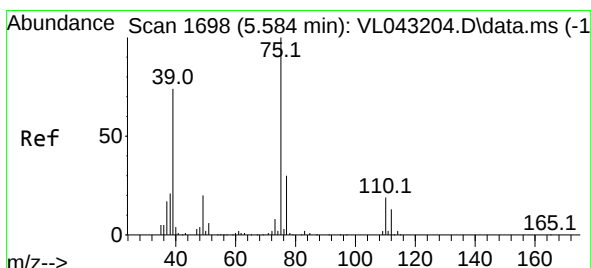
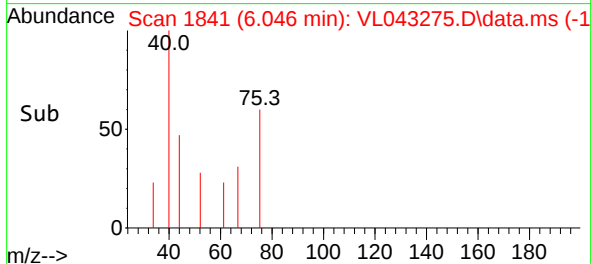
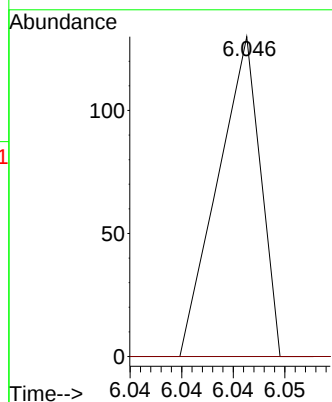
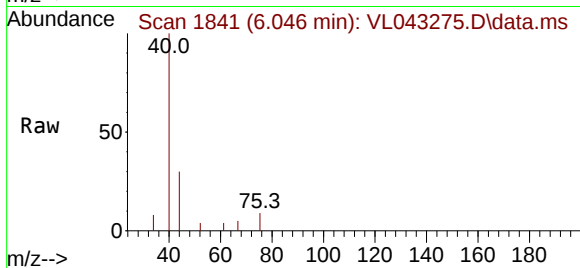
13-SG-1DL

Tgt Ion: 75 Resp: 38

Ion Ratio Lower Upper

75 100

77 0.0 24.3 36.5#



#46

cis-1,3-Dichloropropene

Concen: 0.003 ppbv

RT: 6.046 min Scan# 1841

Delta R.T. 0.463 min

Lab File: VL043275.D

Acq: 21 Nov 2025 07:53

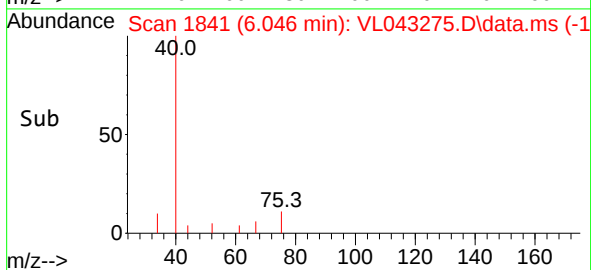
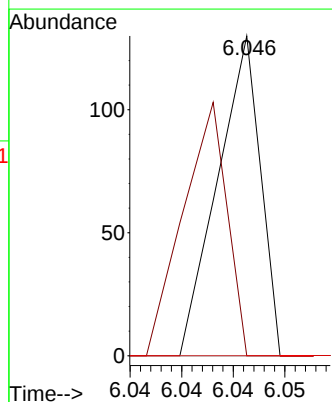
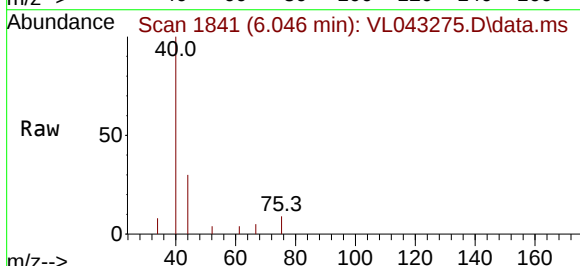
Tgt Ion: 75 Resp: 38

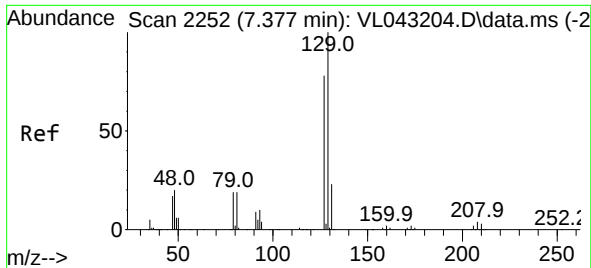
Ion Ratio Lower Upper

75 100

39 0.0 59.1 88.7#

77 0.0 24.2 36.2#

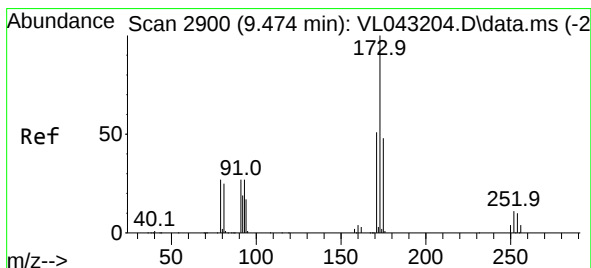
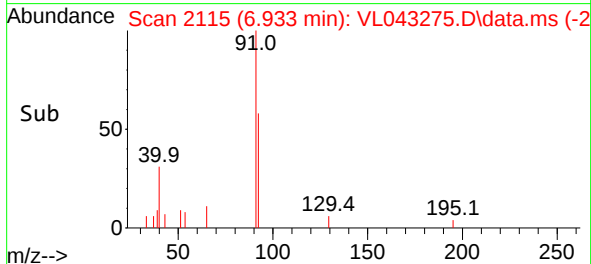
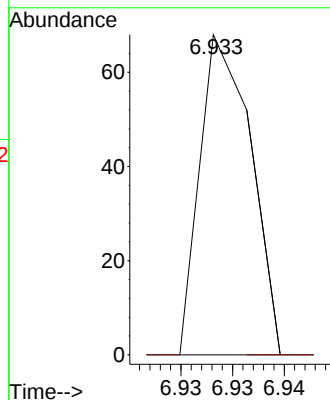
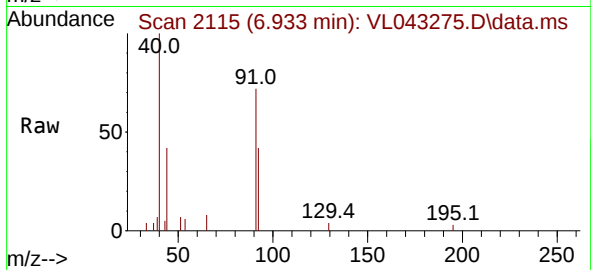




#48
 Dibromochloromethane
 Concen: 0.001 ppbv
 RT: 6.933 min Scan# 2115
 Delta R.T. -0.444 min
 Lab File: VL043275.D
 Acq: 21 Nov 2025 07:53

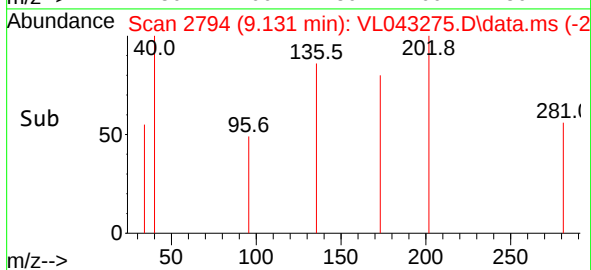
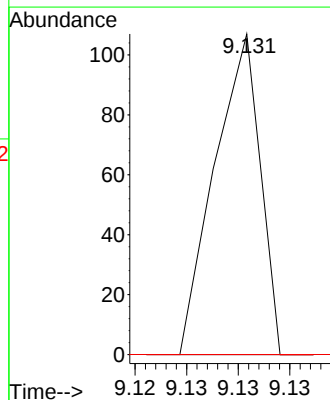
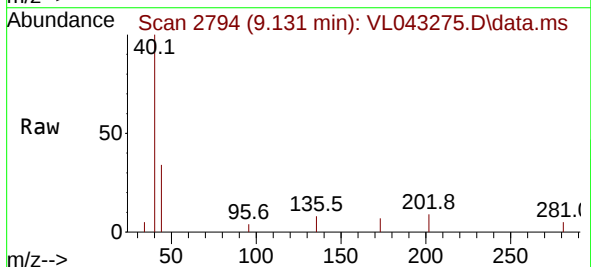
Instrument :
 MSVOA_L
 ClientSampleId :
 13-SG-1DL

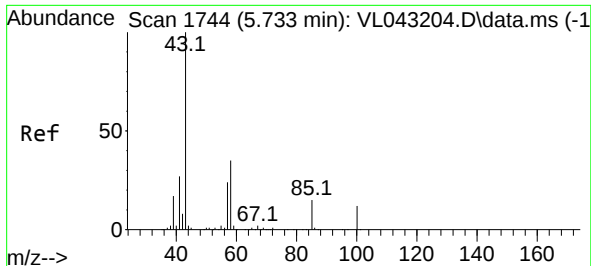
Tgt Ion:129 Resp: 23
 Ion Ratio Lower Upper
 129 100
 127 0.0 39.3 117.9#



#49
 Bromoform
 Concen: 0.002 ppbv
 RT: 9.131 min Scan# 2794
 Delta R.T. -0.343 min
 Lab File: VL043275.D
 Acq: 21 Nov 2025 07:53

Tgt Ion:173 Resp: 33
 Ion Ratio Lower Upper
 173 100
 175 0.0 38.6 58.0#
 171 48.5 40.6 61.0

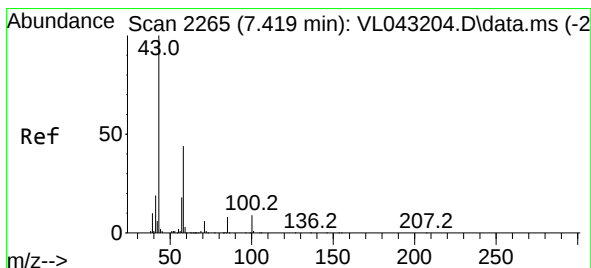
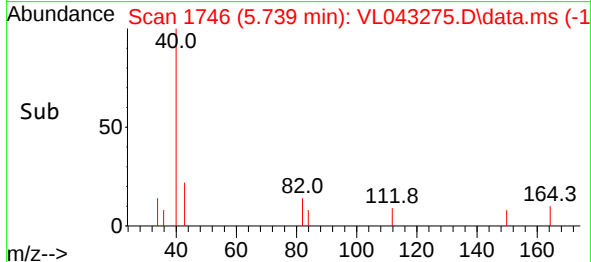
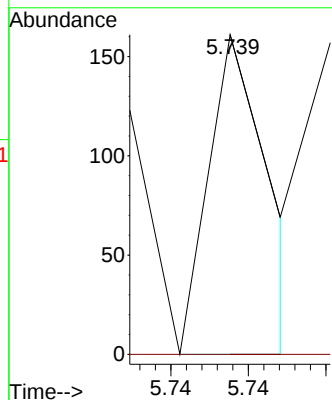
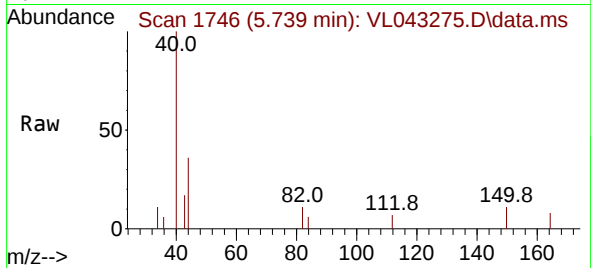




#50
4-Methyl-2-Pentanone
Concen: 0.002 ppbv
RT: 5.739 min Scan# 11
Delta R.T. 0.006 min
Lab File: VL043275.D
Acq: 21 Nov 2025 07:53

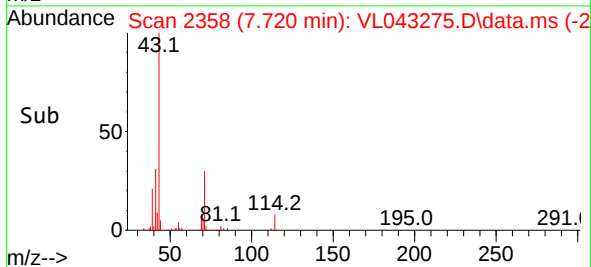
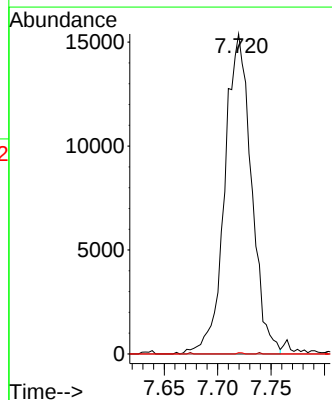
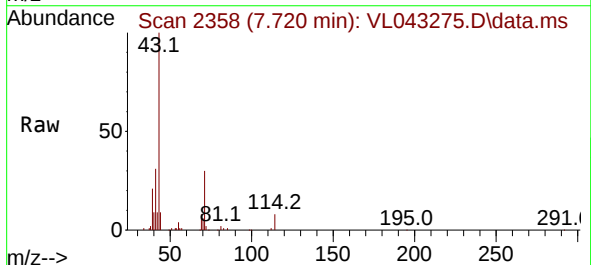
Instrument :
MSVOA_L
ClientSampleId :
13-SG-1DL

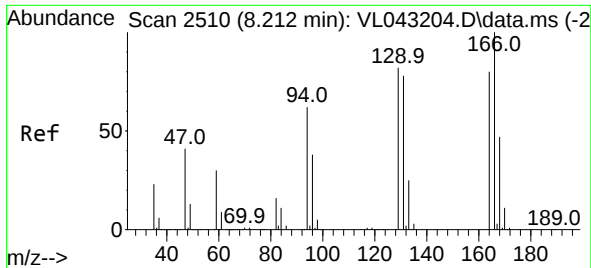
Tgt Ion: 43 Resp: 45
Ion Ratio Lower Upper
43 100
58 0.0 28.4 42.6#



#51
2-Hexanone
Concen: 1.329 ppbv
RT: 7.720 min Scan# 2358
Delta R.T. 0.301 min
Lab File: VL043275.D
Acq: 21 Nov 2025 07:53

Tgt Ion: 43 Resp: 26794
Ion Ratio Lower Upper
43 100
58 0.0 38.4 57.6#
98 0.0 0.0 0.0



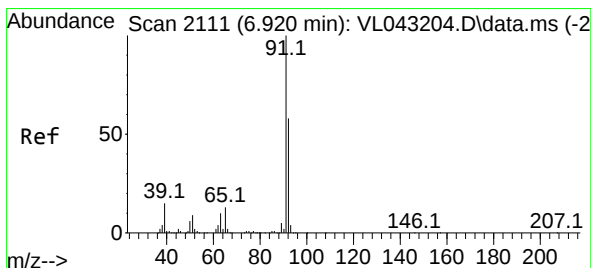
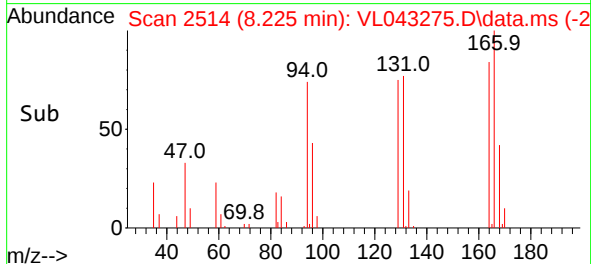
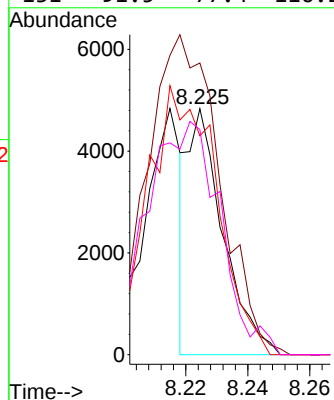
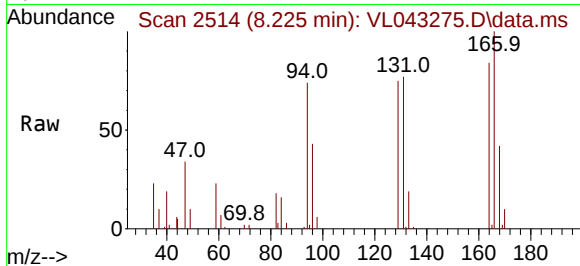


#52
Tetrachloroethene
Concen: 0.407 ppbv
RT: 8.225 min Scan# 2115
Delta R.T. 0.013 min
Lab File: VL043275.D
Acq: 21 Nov 2025 07:53

Instrument :
MSVOA_L
ClientSampleId :
13-SG-1DL

Tgt Ion:164 Resp: 3788

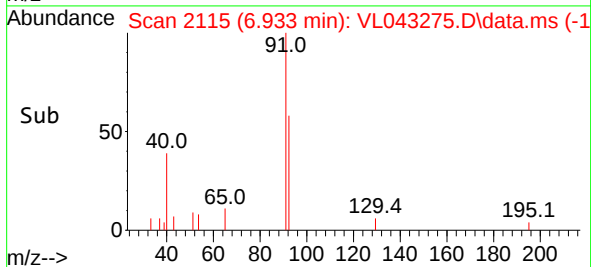
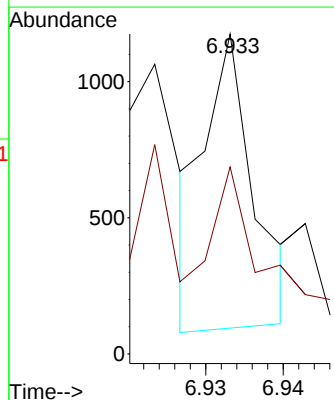
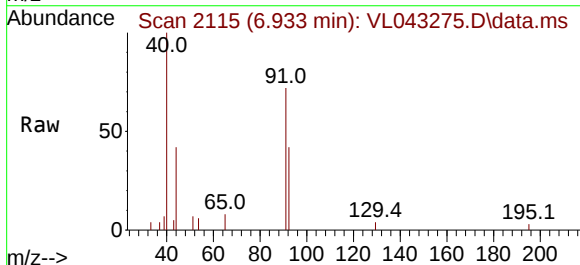
Ion	Ratio	Lower	Upper
164	100		
166	116.2	99.4	149.2
129	89.0	81.8	122.8
131	91.5	77.4	116.2

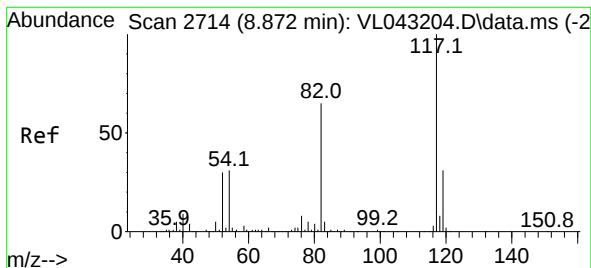


#53
Toluene
Concen: 0.016 ppbv
RT: 6.933 min Scan# 2115
Delta R.T. 0.013 min
Lab File: VL043275.D
Acq: 21 Nov 2025 07:53

Tgt Ion: 91 Resp: 473

Ion	Ratio	Lower	Upper
91	100		
92	0.0	47.4	71.0#





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 8.875 min Scan# 21

Delta R.T. 0.003 min

Lab File: VL043275.D

Acq: 21 Nov 2025 07:53

Instrument :

MSVOA_L

ClientSampleId :

13-SG-1DL

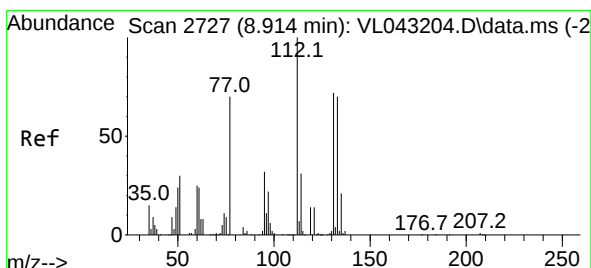
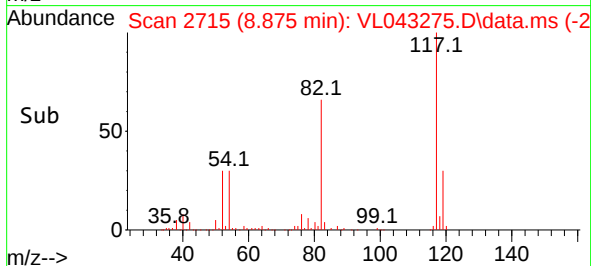
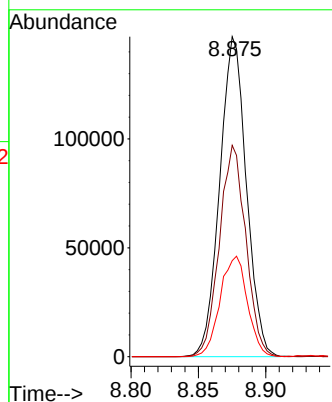
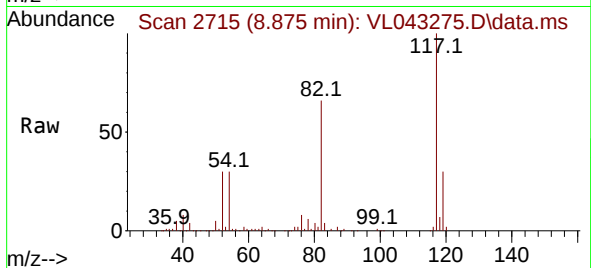
Tgt Ion:117 Resp: 202177

Ion Ratio Lower Upper

117 100

82 65.5 56.1 84.1

119 32.3 25.0 37.6



#56

1,1,1,2-Tetrachloroethane

Concen: 0.003 ppbv

RT: 8.927 min Scan# 2731

Delta R.T. 0.013 min

Lab File: VL043275.D

Acq: 21 Nov 2025 07:53

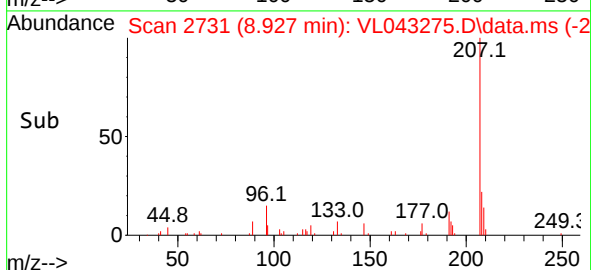
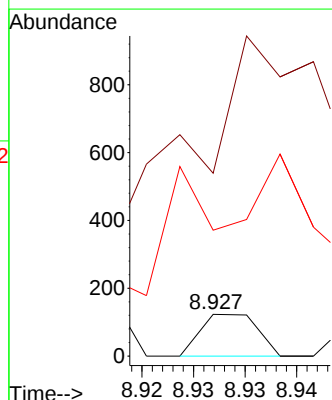
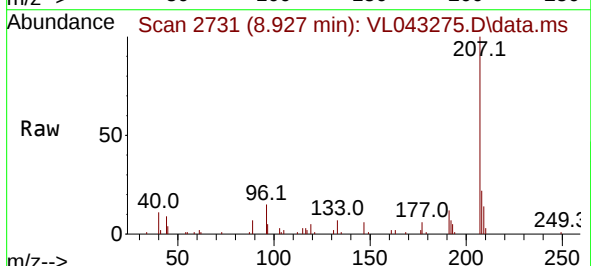
Tgt Ion:131 Resp: 47

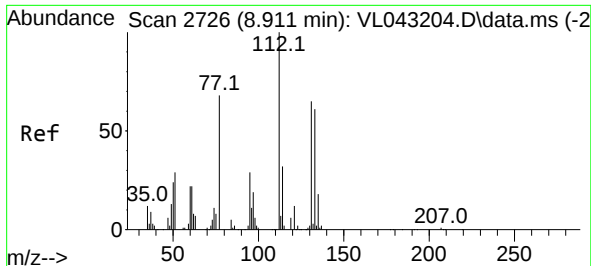
Ion Ratio Lower Upper

131 100

133 3223.4 77.4 116.2#

119 138978.7 49.1 73.7#

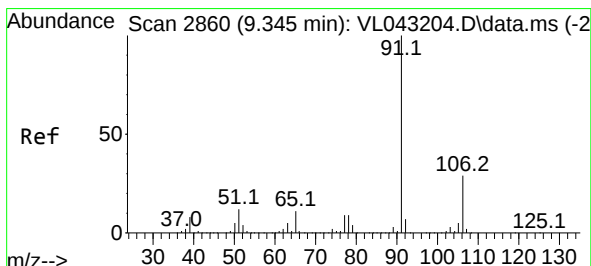
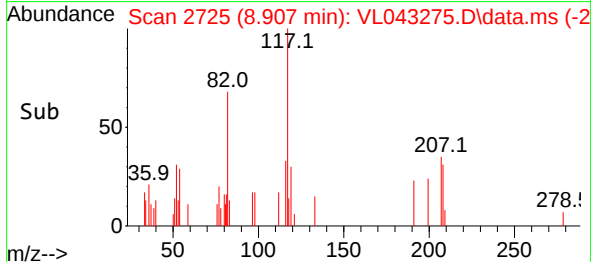
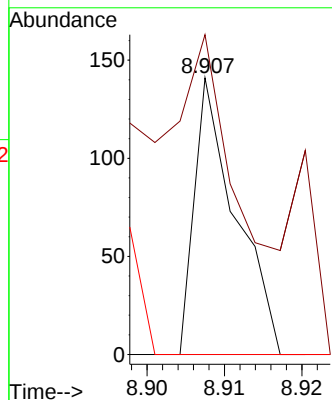
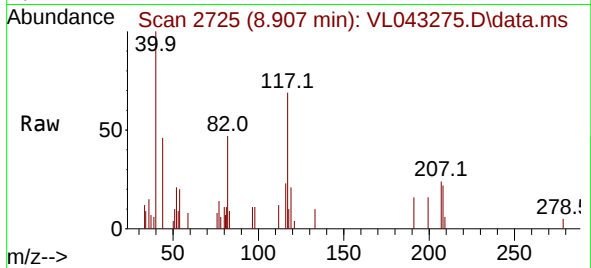




#57
Chlorobenzene
Concen: 0.003 ppbv
RT: 8.907 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL043275.D
Acq: 21 Nov 2025 07:53

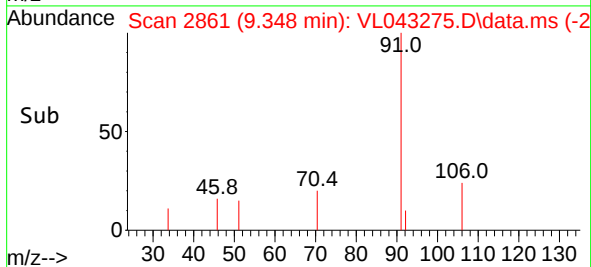
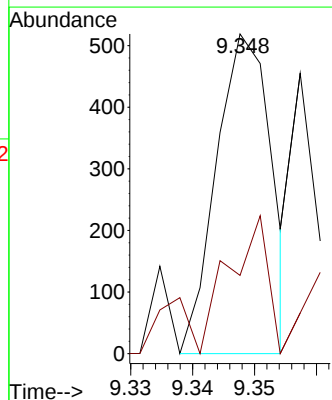
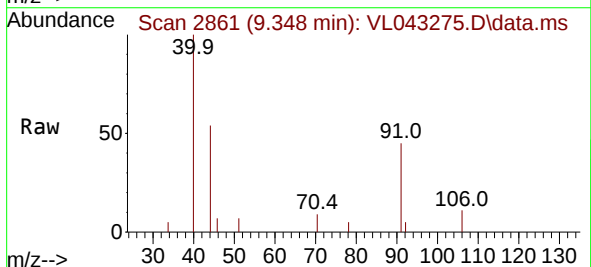
Instrument :
MSVOA_L
ClientSampleId :
13-SG-1DL

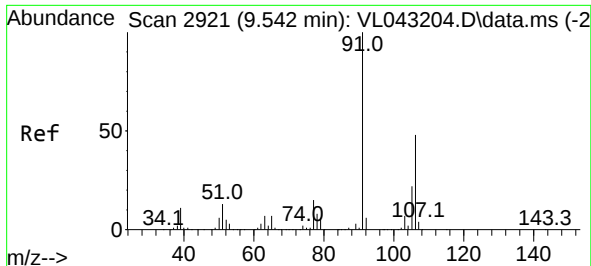
Tgt Ion:112 Resp: 52
Ion Ratio Lower Upper
112 100
77 78.0 55.5 83.3
114 0.0 29.1 35.5#



#58
Ethyl Benzene
Concen: 0.008 ppbv
RT: 9.348 min Scan# 2861
Delta R.T. 0.003 min
Lab File: VL043275.D
Acq: 21 Nov 2025 07:53

Tgt Ion: 91 Resp: 322
Ion Ratio Lower Upper
91 100
106 24.5 22.8 34.2





#59

m/p-Xylene

Concen: 0.008 ppbv

RT: 9.542 min Scan# 2921

Delta R.T. -0.000 min

Lab File: VL043275.D

Acq: 21 Nov 2025 07:53

Instrument :

MSVOA_1

ClientSampleId :

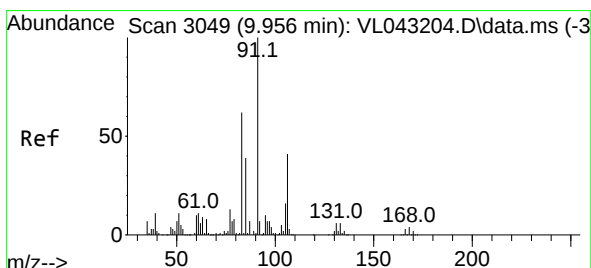
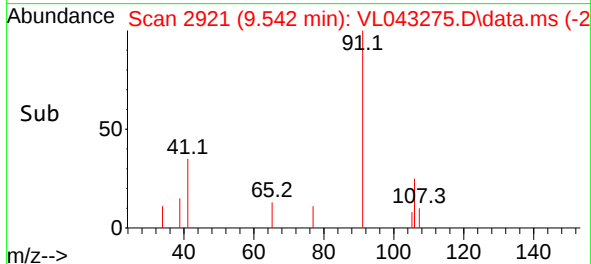
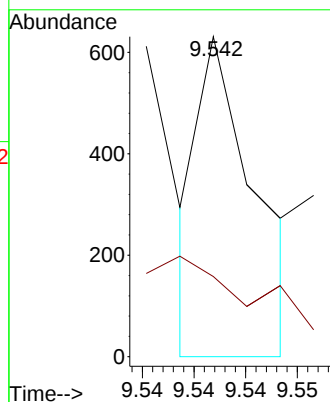
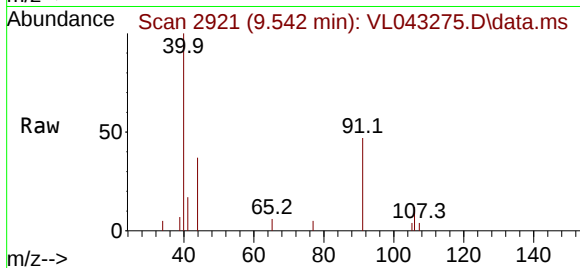
13-SG-1DL

Tgt Ion: 91 Resp: 241

Ion Ratio Lower Upper

91 100

106 0.0 36.1 54.1#



#60

o-Xylene

Concen: 0.005 ppbv

RT: 9.963 min Scan# 3051

Delta R.T. 0.006 min

Lab File: VL043275.D

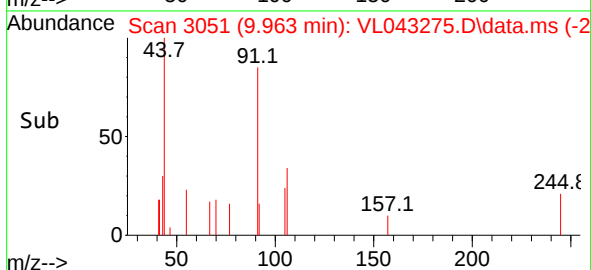
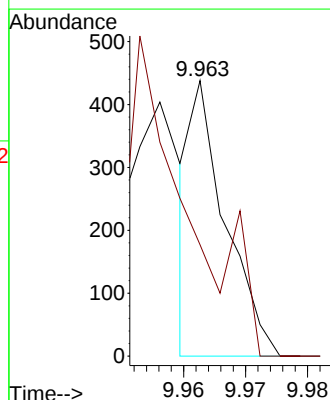
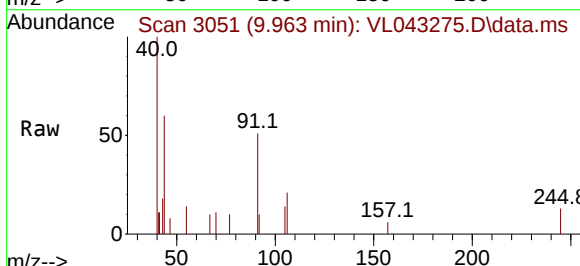
Acq: 21 Nov 2025 07:53

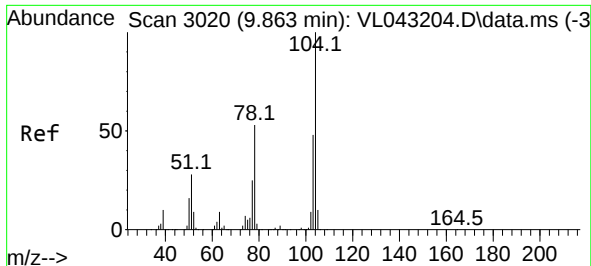
Tgt Ion: 91 Resp: 169

Ion Ratio Lower Upper

91 100

106 0.0 20.9 62.8#

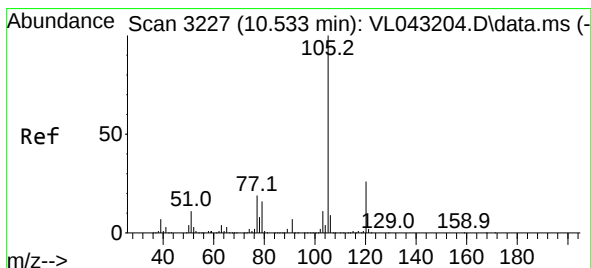
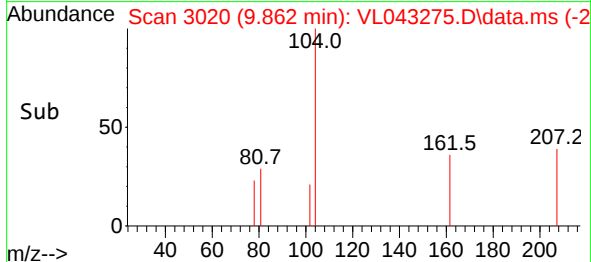
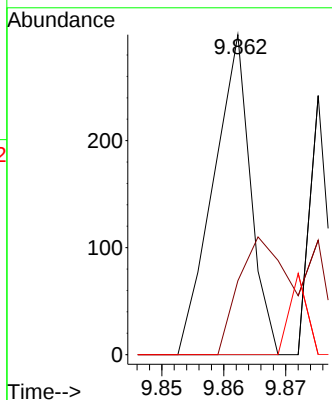
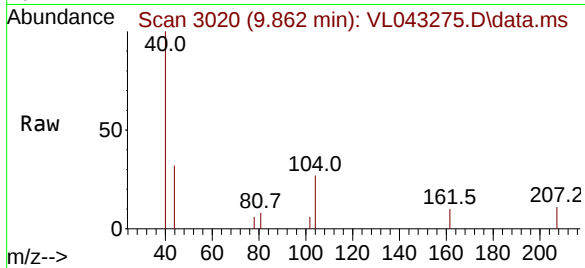




#61
Styrene
Concen: 0.009 ppbv
RT: 9.862 min Scan# 3020
Delta R.T. -0.000 min
Lab File: VL043275.D
Acq: 21 Nov 2025 07:53

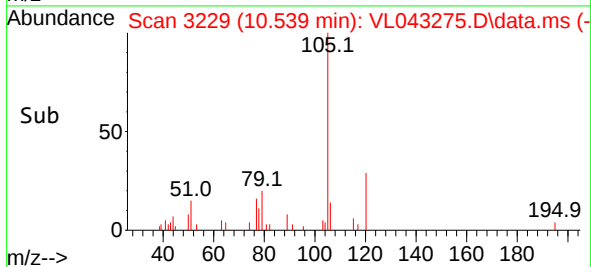
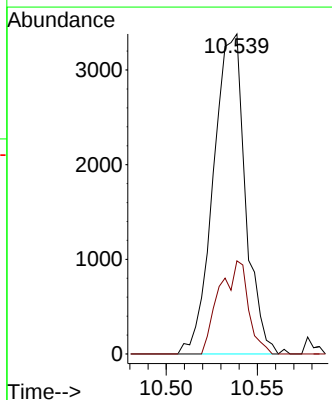
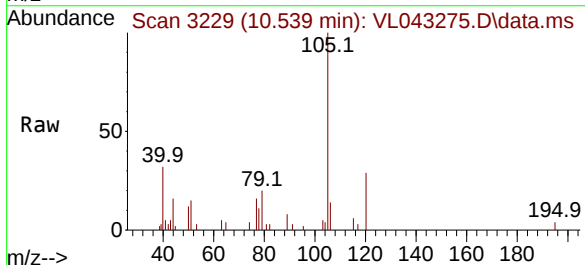
Instrument :
MSVOA_L
ClientSampleId :
13-SG-1DL

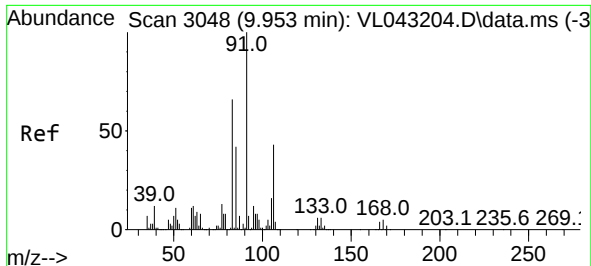
Tgt Ion:104 Resp: 125
Ion Ratio Lower Upper
104 100
78 66.4 42.1 63.1#
103 12.0 37.2 55.8#



#62
Isopropylbenzene
Concen: 0.074 ppbv
RT: 10.539 min Scan# 3229
Delta R.T. 0.006 min
Lab File: VL043275.D
Acq: 21 Nov 2025 07:53

Tgt Ion:105 Resp: 4130
Ion Ratio Lower Upper
105 100
120 26.5 19.8 29.8





#63

1,1,2-Tetrachloroethane

Concen: 0.002 ppbv

RT: 9.752 min Scan# 2986

Delta R.T. -0.201 min

Lab File: VL043275.D

Acq: 21 Nov 2025 07:53

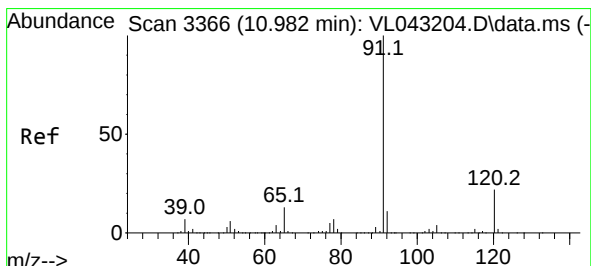
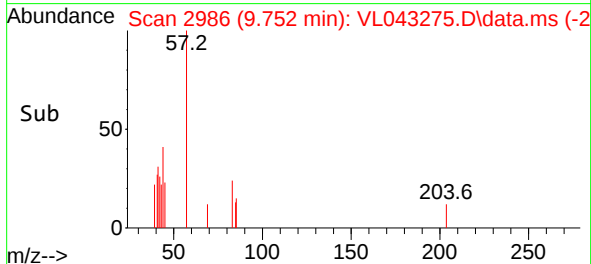
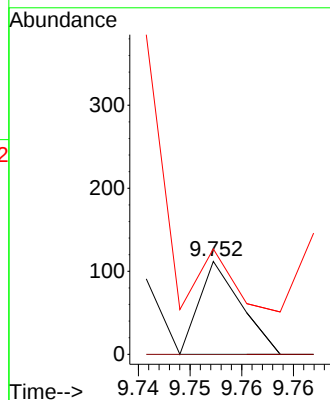
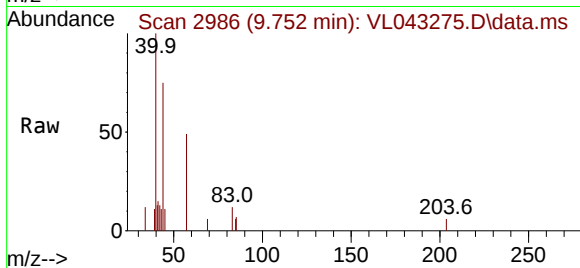
Instrument :

MSVOA_L

ClientSampleId :

13-SG-1DL

Tgt Ion:	83	Resp:	31
Ion	Ratio	Lower	Upper
83	100		
131	0.0	4.8	14.3#
85	0.0	31.9	95.9#



#64

n-propylbenzene

Concen: 0.002 ppbv

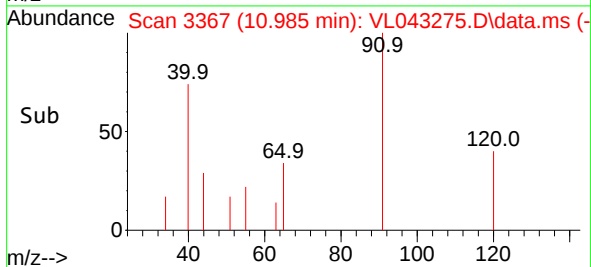
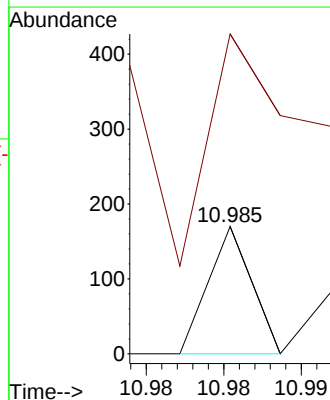
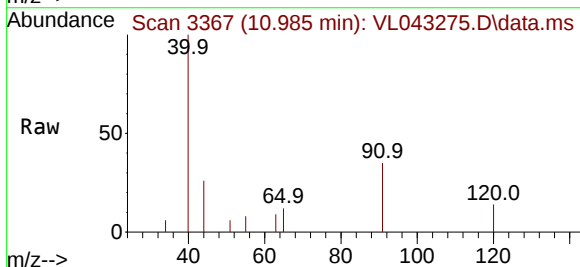
RT: 10.985 min Scan# 3367

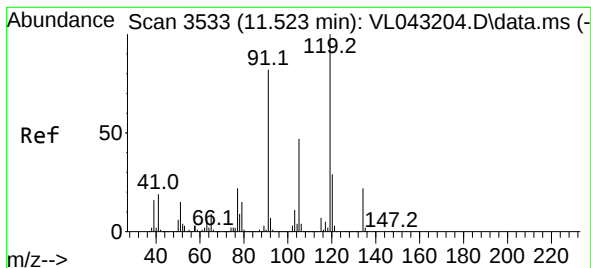
Delta R.T. 0.003 min

Lab File: VL043275.D

Acq: 21 Nov 2025 07:53

Tgt Ion:	120	Resp:	33
Ion	Ratio	Lower	Upper
120	100		
91	1109.1	377.1	565.7#





#65

tert-Butylbenzene

Concen: 0.003 ppbv

RT: 11.526 min Scan# 3

Delta R.T. 0.003 min

Lab File: VL043275.D

Acq: 21 Nov 2025 07:53

Instrument :

MSVOA_L

ClientSampleId :

13-SG-1DL

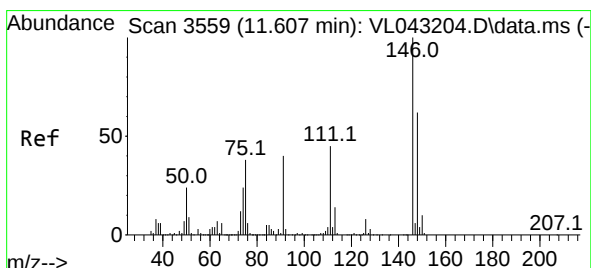
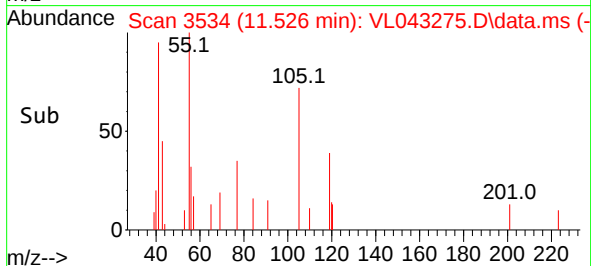
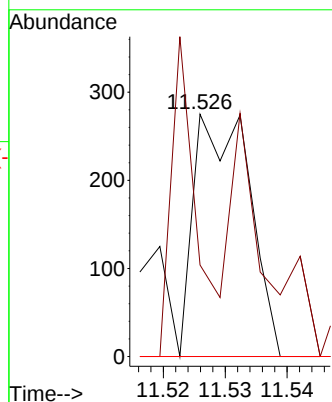
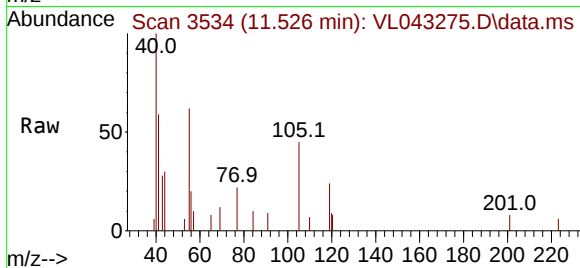
Tgt Ion:119 Resp: 171

Ion Ratio Lower Upper

119 100

91 131.6 65.3 97.9#

134 0.0 17.0 25.4#



#66

Benzyl Chloride

Concen: 0.010 ppbv

RT: 11.600 min Scan# 3557

Delta R.T. -0.007 min

Lab File: VL043275.D

Acq: 21 Nov 2025 07:53

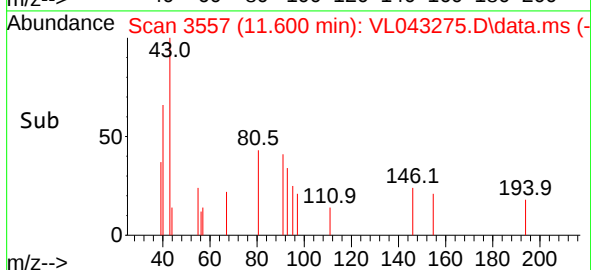
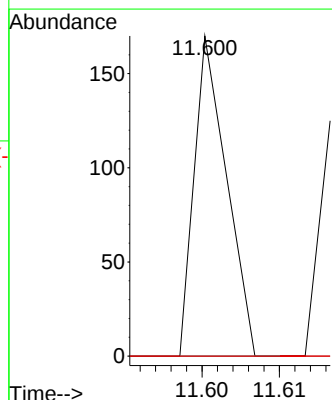
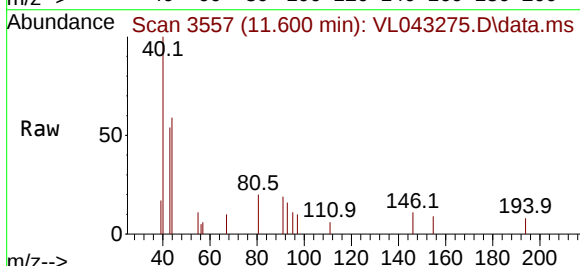
Tgt Ion: 91 Resp: 49

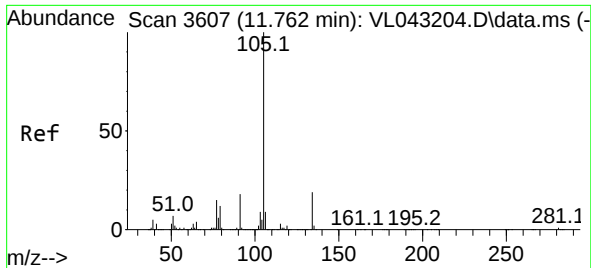
Ion Ratio Lower Upper

91 100

126 0.0 14.4 21.6#

128 0.0 4.6 6.8#

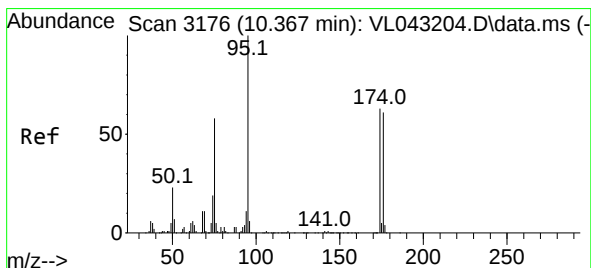
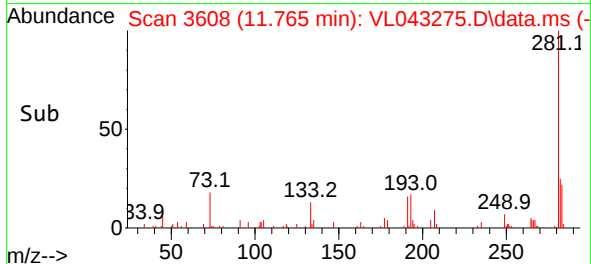
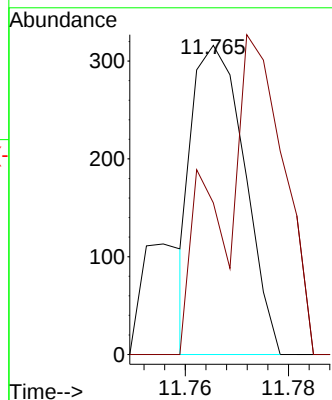
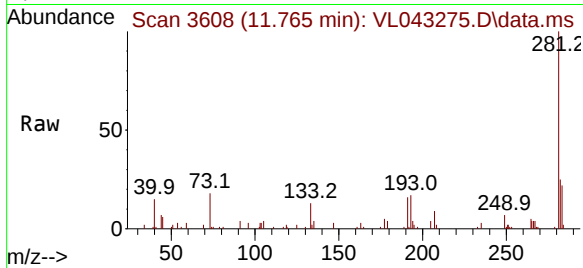




#67
 sec-Butylbenzene
 Concen: 0.003 ppbv
 RT: 11.765 min Scan# 30
 Delta R.T. 0.003 min
 Lab File: VL043275.D
 Acq: 21 Nov 2025 07:53

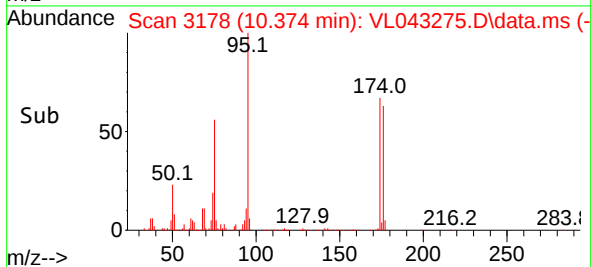
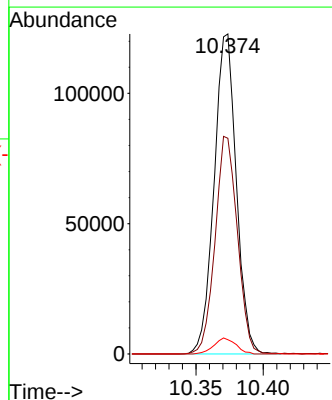
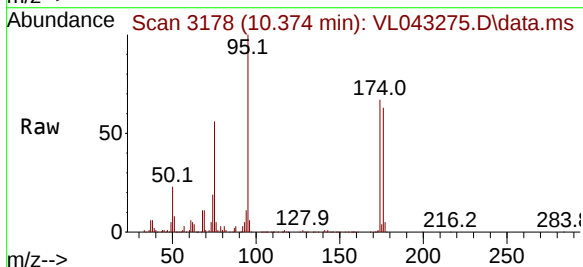
Instrument :
 MSVOA_1
 ClientSampleId :
 13-SG-1DL

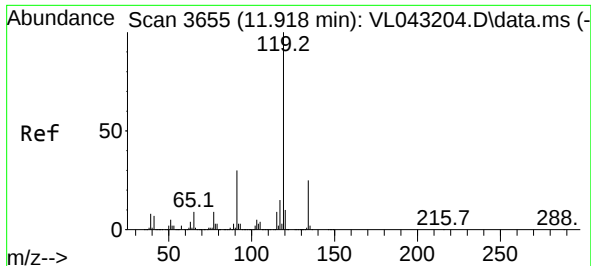
Tgt Ion:105 Resp: 221
 Ion Ratio Lower Upper
 105 100
 134 124.0 15.0 22.6#



#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.514 ppbv
 RT: 10.374 min Scan# 3178
 Delta R.T. 0.006 min
 Lab File: VL043275.D
 Acq: 21 Nov 2025 07:53

Tgt Ion: 95 Resp: 140998
 Ion Ratio Lower Upper
 95 100
 174 68.3 50.2 75.2
 175 4.9 4.1 6.1

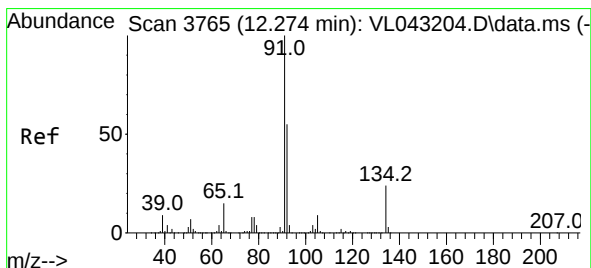
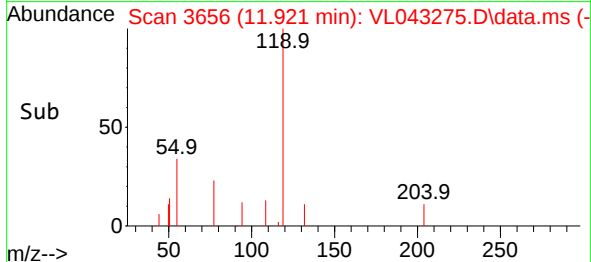
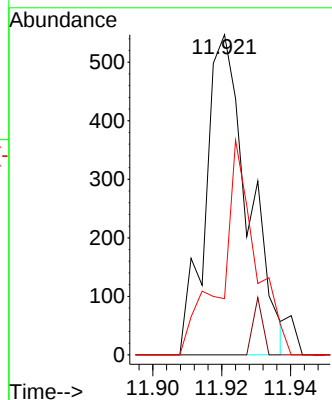
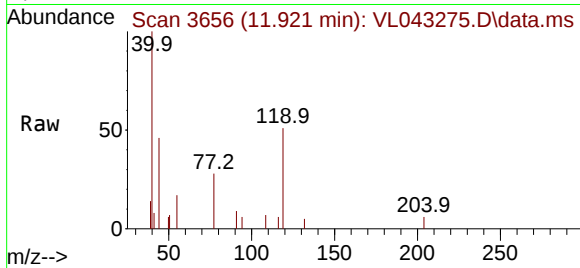




#69
p-Isopropyltoluene
Concen: 0.008 ppbv
RT: 11.921 min Scan# 3656
Delta R.T. 0.003 min
Lab File: VL043275.D
Acq: 21 Nov 2025 07:53

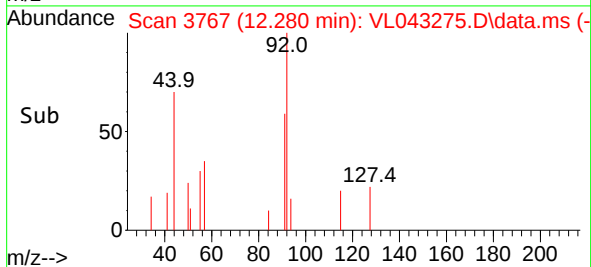
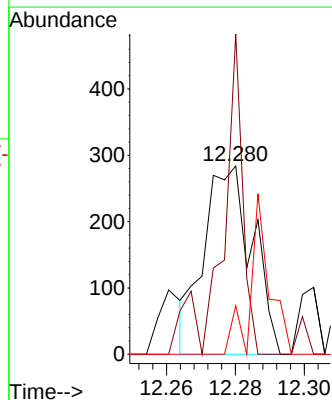
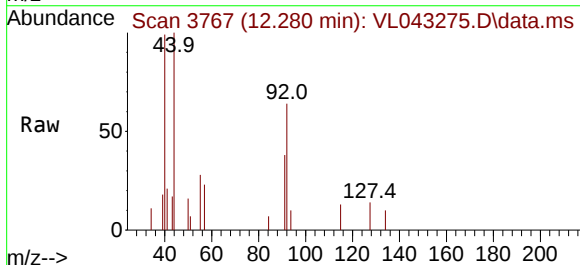
Instrument :
MSVOA_L
ClientSampleId :
13-SG-1DL

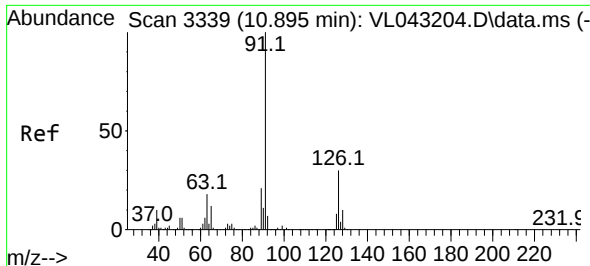
Tgt Ion:119 Resp: 471
Ion Ratio Lower Upper
119 100
134 0.0 20.2 30.2#
91 53.5 23.8 35.8#



#70
n-Butylbenzene
Concen: 0.005 ppbv
RT: 12.280 min Scan# 3767
Delta R.T. 0.006 min
Lab File: VL043275.D
Acq: 21 Nov 2025 07:53

Tgt Ion: 91 Resp: 279
Ion Ratio Lower Upper
91 100
92 75.6 43.5 65.3#
134 33.3 19.0 28.6#

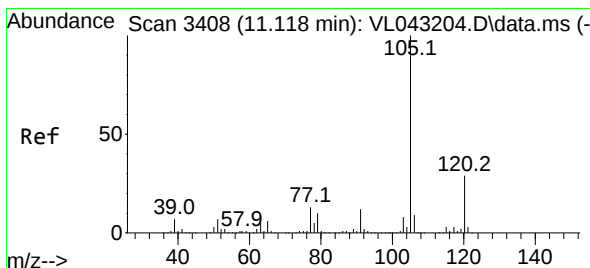
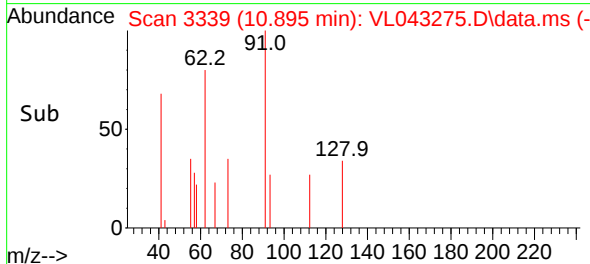
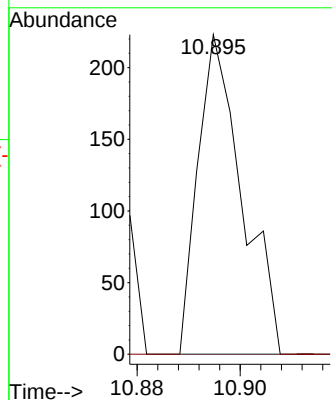
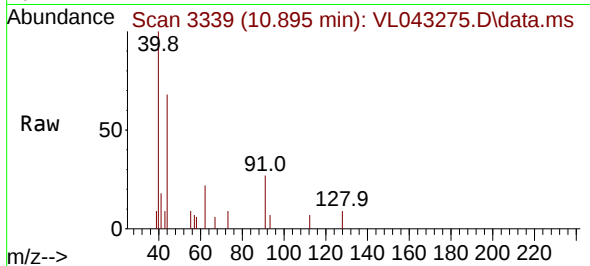




#71
2-Chlorotoluene
Concen: 0.003 ppbv
RT: 10.895 min Scan# 311
Delta R.T. -0.000 min
Lab File: VL043275.D
Acq: 21 Nov 2025 07:53

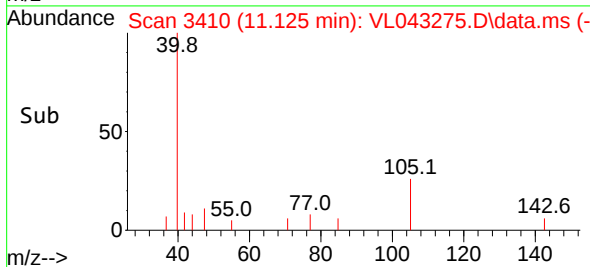
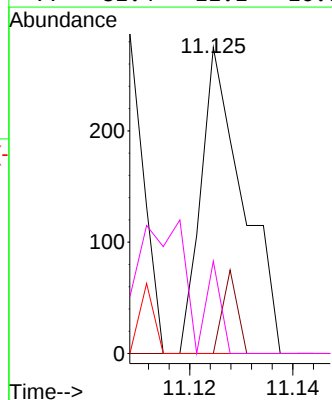
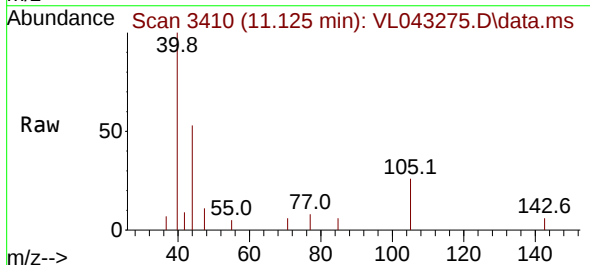
Instrument :
MSVOA_L
ClientSampleId :
13-SG-1DL

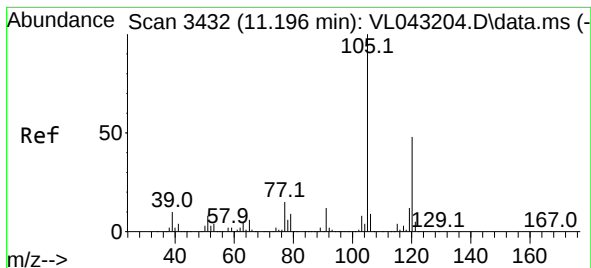
Tgt Ion: 91 Resp: 133
Ion Ratio Lower Upper
91 100
126 0.0 11.7 46.7#



#72
4-Ethyltoluene
Concen: 0.004 ppbv
RT: 11.125 min Scan# 3410
Delta R.T. 0.006 min
Lab File: VL043275.D
Acq: 21 Nov 2025 07:53

Tgt Ion: 105 Resp: 156
Ion Ratio Lower Upper
105 100
120 9.6 23.8 35.8#
91 0.0 10.3 15.5#
77 81.4 11.1 16.7#





#73

1,3,5-Trimethylbenzene

Concen: 0.002 ppbv

RT: 11.202 min Scan# 34

Delta R.T. 0.006 min

Lab File: VL043275.D

Acq: 21 Nov 2025 07:53

Instrument :

MSVOA_L

ClientSampleId :

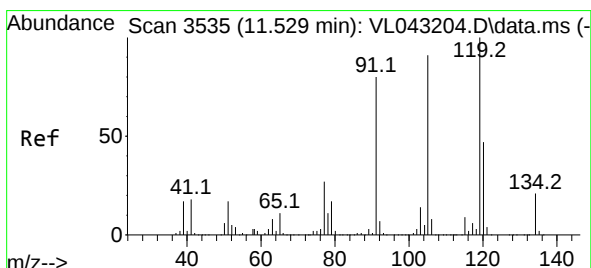
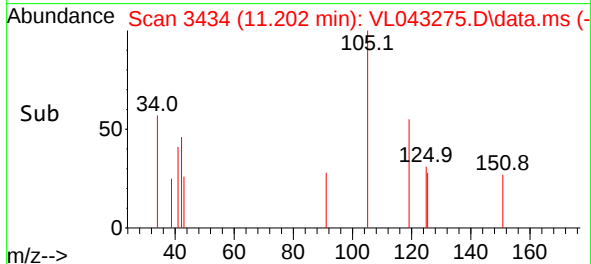
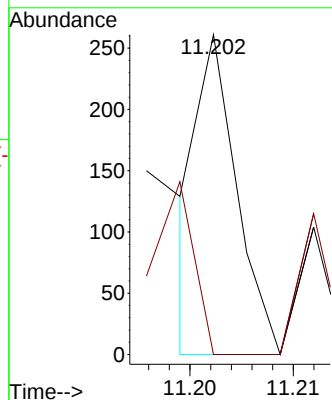
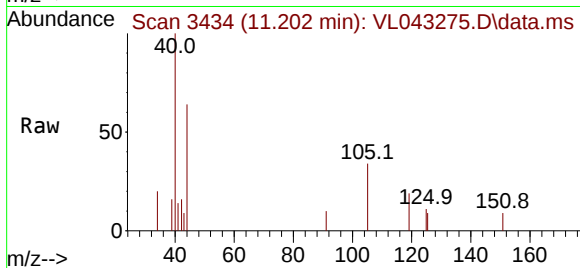
13-SG-1DL

Tgt Ion:105 Resp: 67

Ion Ratio Lower Upper

105 100

120 0.0 38.6 57.8#



#74

1,2,4-Trimethylbenzene

Concen: 0.011 ppbv

RT: 11.536 min Scan# 3537

Delta R.T. 0.006 min

Lab File: VL043275.D

Acq: 21 Nov 2025 07:53

Tgt Ion:105 Resp: 399

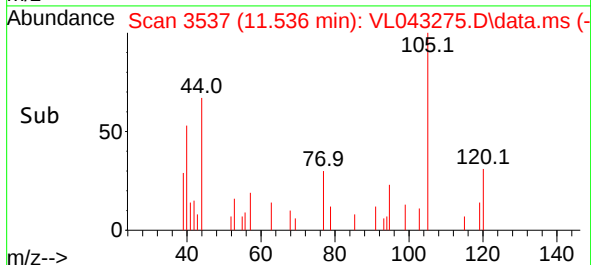
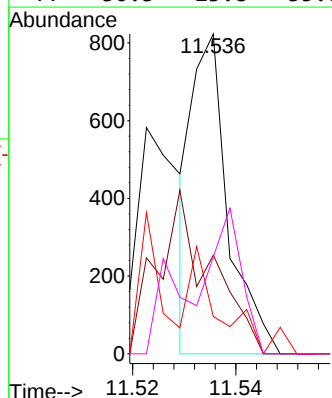
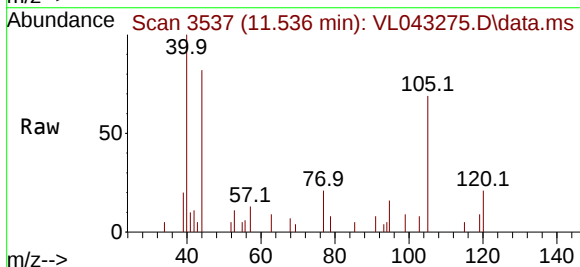
Ion Ratio Lower Upper

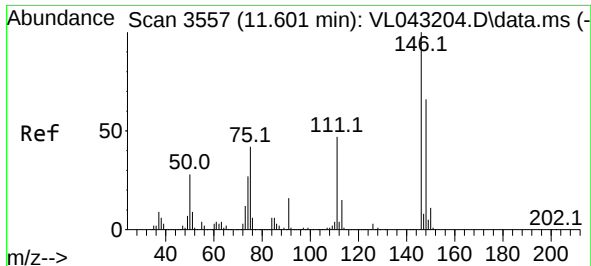
105 100

120 30.9 41.7 62.5#

91 3.5 70.0 105.0#

77 30.3 23.8 35.8

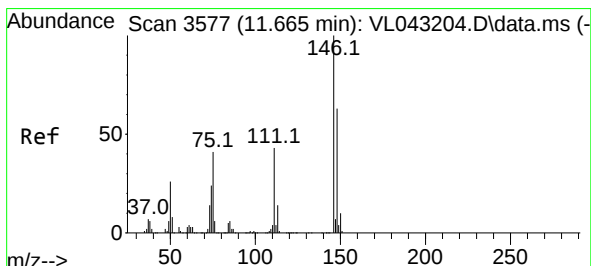
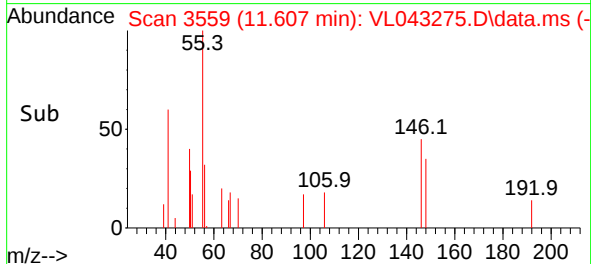
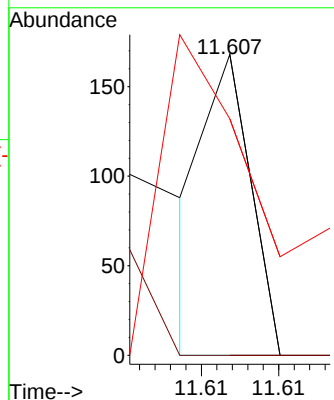
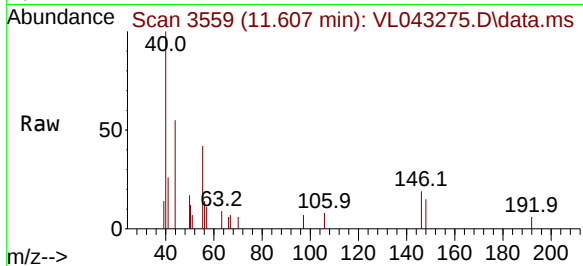




#75
1,3-Dichlorobenzene
Concen: 0.002 ppbv
RT: 11.607 min Scan# 3557
Delta R.T. 0.006 min
Lab File: VL043275.D
Acq: 21 Nov 2025 07:53

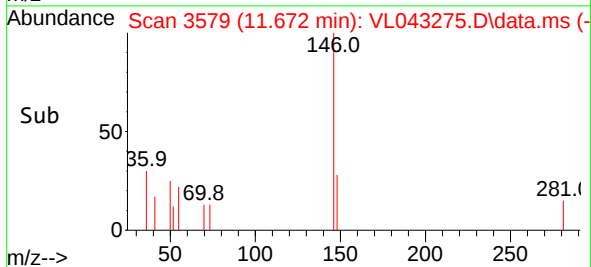
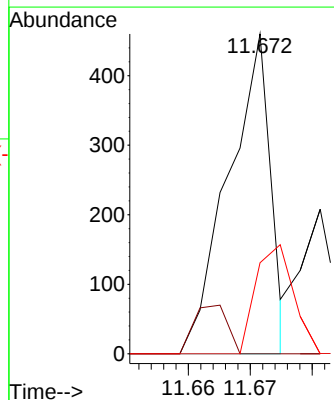
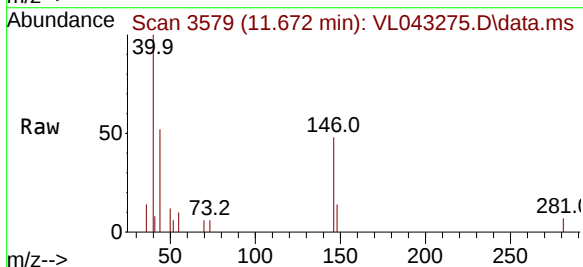
Instrument :
MSVOA_1
ClientSampleId :
13-SG-1DL

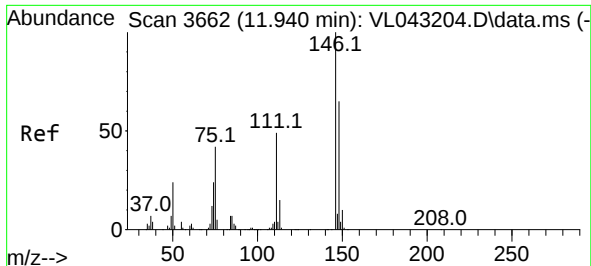
Tgt Ion:146 Resp: 33
Ion Ratio Lower Upper
146 100
111 169.7 23.4 70.3#
148 303.0 31.6 95.0#



#76
1,4-Dichlorobenzene
Concen: 0.011 ppbv
RT: 11.672 min Scan# 3579
Delta R.T. 0.006 min
Lab File: VL043275.D
Acq: 21 Nov 2025 07:53

Tgt Ion:146 Resp: 219
Ion Ratio Lower Upper
146 100
111 11.9 22.8 68.3#
148 30.1 31.8 95.4#

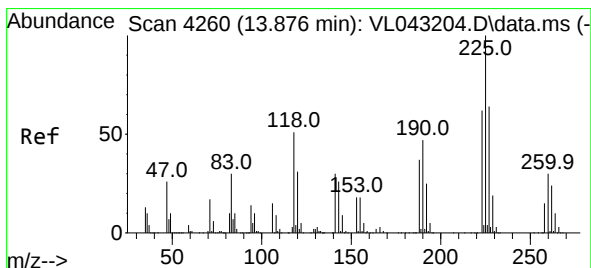
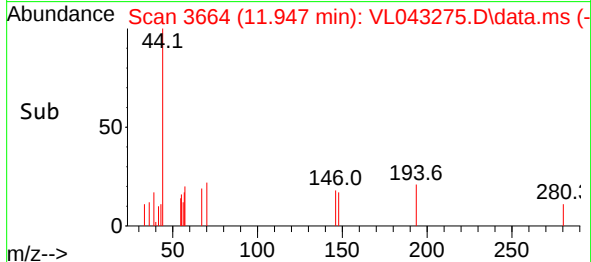
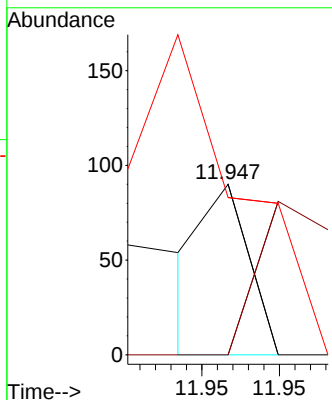
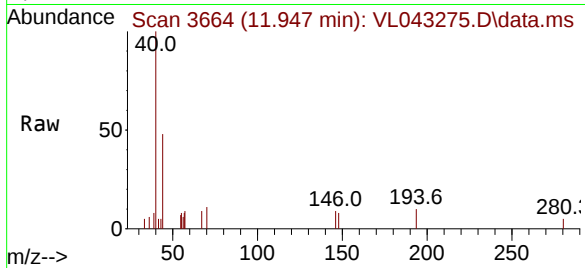




#77
1,2-Dichlorobenzene
Concen: 0.001 ppbv
RT: 11.947 min Scan# 30
Delta R.T. 0.006 min
Lab File: VL043275.D
Acq: 21 Nov 2025 07:53

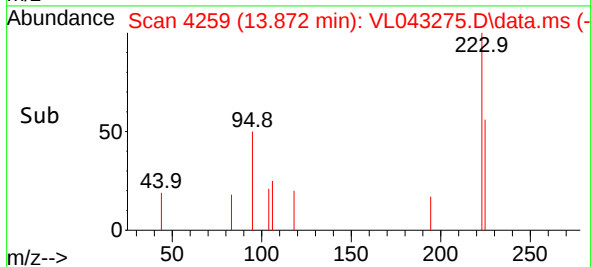
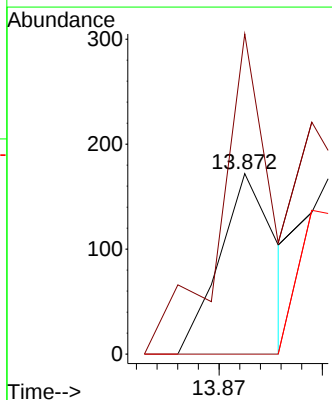
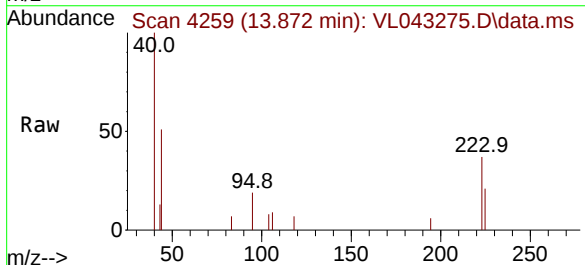
Instrument :
MSVOA_L
ClientSampleId :
13-SG-1DL

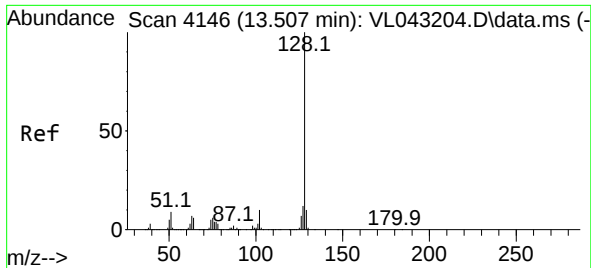
Tgt Ion:146 Resp: 17
Ion Ratio Lower Upper
146 100
111 0.0 24.3 73.0#
148 494.1 31.6 94.7#



#78
Hexachloro-1,3-Butadiene
Concen: 0.004 ppbv
RT: 13.872 min Scan# 4259
Delta R.T. -0.003 min
Lab File: VL043275.D
Acq: 21 Nov 2025 07:53

Tgt Ion:225 Resp: 66
Ion Ratio Lower Upper
225 100
223 387.9 50.2 75.4#
227 113.6 51.1 76.7#

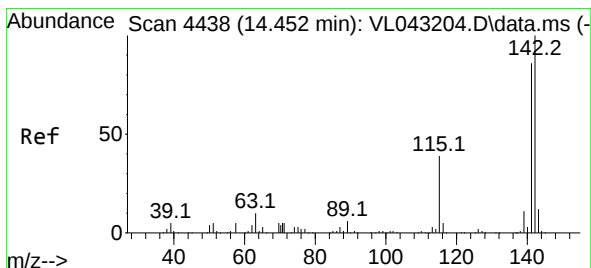
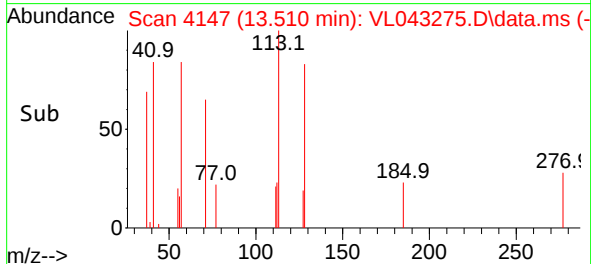
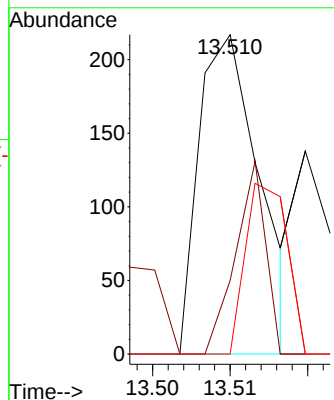
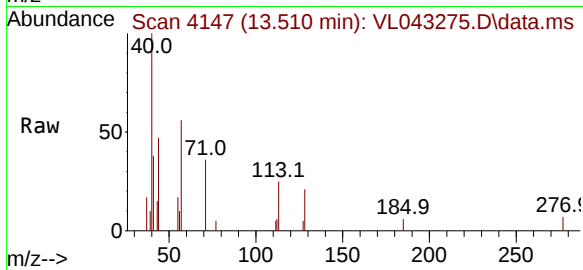




#79
Naphthalene
Concen: 0.004 ppbv
RT: 13.510 min Scan# 4146
Delta R.T. 0.003 min
Lab File: VL043275.D
Acq: 21 Nov 2025 07:53

Instrument :
MSVOA_L
ClientSampleId :
13-SG-1DL

Tgt Ion:128 Resp: 118
Ion Ratio Lower Upper
128 100
127 23.0 9.9 14.9#
129 0.0 8.4 12.6#



#80
Naphthalene,2-methyl-
Concen: 0.008 ppbv
RT: 14.462 min Scan# 4441
Delta R.T. 0.009 min
Lab File: VL043275.D
Acq: 21 Nov 2025 07:53

Tgt Ion:142 Resp: 63
Ion Ratio Lower Upper
142 100
141 0.0 67.1 100.7#
115 31.7 31.9 47.9#

