

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL093025\
 Data File : VL043019.D
 Acq On : 30 Sep 2025 09:38
 Operator : SY/MD
 Sample : VSTDIC002
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Sep 30 23:56:15 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL093025AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Sep 30 23:54:02 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.790	49	152050	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.962	114	480179	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.885	117	428646	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	10.380	95	320421	9.868	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.700%

Target Compounds	Qvalue					
2) Dichlorodifluoromethane	1.502	85	53092	2.018	ppbv	99
3) Chlorodifluoromethane	1.479	51	56363	2.012	ppbv	99
4) Chloromethane	1.534	50	19331	1.935	ppbv	98
5) Vinyl Chloride	1.583	62	17208	1.776	ppbv	97
6) Bromomethane	1.670	94	7006	2.001	ppbv	98
7) Chloroethane	1.706	64	7615	1.969	ppbv	100
8) Dichlorotetrafluoroethane	1.557	85	42372	1.975	ppbv	100
9) Propene	1.486	41	22027	2.021	ppbv	100
10) Heptane	4.985	43	57002	2.028	ppbv	100
11) Trichlorofluoromethane	1.881	101	53176	2.005	ppbv	93
12) 1,1,2-Trichlorotrifluo...	2.143	101	41847	1.991	ppbv	97
13) Ethanol	1.722	45	2655	2.294	ppbv	80
14) Bromoethene	1.784	108	15262	1.949	ppbv	93
15) Acetone	1.839	43	45297	2.089	ppbv	97
16) 1,3-Butadiene	1.612	39	17879	1.948	ppbv	95
17) tert-Butyl alcohol	2.042	59	45746	1.888	ppbv	95
18) 1,1-Dichloroethene	2.036	96	18303	1.937	ppbv	93
19) Isopropyl Alcohol	1.887	45	24252	1.902	ppbv #	37
20) Methylene Chloride	2.065	84	22286	2.092	ppbv	94
21) Allyl Chloride	2.097	41	29148	1.987	ppbv	99
22) trans-1,2-Dichloroethene	2.343	96	21421	2.002	ppbv	99
23) Vinyl Acetate	2.463	43	65553	2.189	ppbv	99
24) 1,1-Dichloroethane	2.411	63	41010	2.037	ppbv	99
25) Ethyl Acetate	2.839	43	110966	2.006	ppbv	100
26) Hexane	2.829	57	55431	1.927	ppbv	95
27) Carbon Disulfide	2.152	76	50765	2.007	ppbv #	88
28) Methyl tert-Butyl Ether	2.444	73	31603	2.244	ppbv	96
29) Chloroform	2.852	83	72322	2.021	ppbv	99
30) Cyclohexane	3.861	84	39359	1.987	ppbv	96
31) cis-1,2-Dichloroethene	2.722	61	47131	2.018	ppbv	99
32) 1,1,1-Trichloroethane	3.373	97	71075	1.960	ppbv	99
34) 2-Butanone	2.560	43	68751	2.033	ppbv	98
35) Carbon Tetrachloride	3.768	117	72749	1.867	ppbv	94
36) Benzene	3.658	78	96787	2.011	ppbv	100
37) 1,2-Dichloroethane	3.221	62	55324	2.012	ppbv	100
38) Trichloroethene	4.554	130	48440	1.964	ppbv	91
39) 1,2-Dichloropropane	4.315	63	34783	1.968	ppbv	97
40) 1,4-Dioxane	4.590	88	6174	0.824	ppbv #	2
41) Tetrahydrofuran	3.059	42	35867	1.992	ppbv	97
42) Bromodichloromethane	4.493	83	75477	1.976	ppbv	98
43) Methyl Methacrylate	4.884	69	32929	1.947	ppbv	97
44) 2,2,4-Trimethylpentane	4.645	57	161104	2.035	ppbv	99
45) t-1,3-Dichloropropene	6.422	75	18246	0.949	ppbv	94

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL093025\
 Data File : VL043019.D
 Acq On : 30 Sep 2025 09:38
 Operator : SY/MD
 Sample : VSTDIC002
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

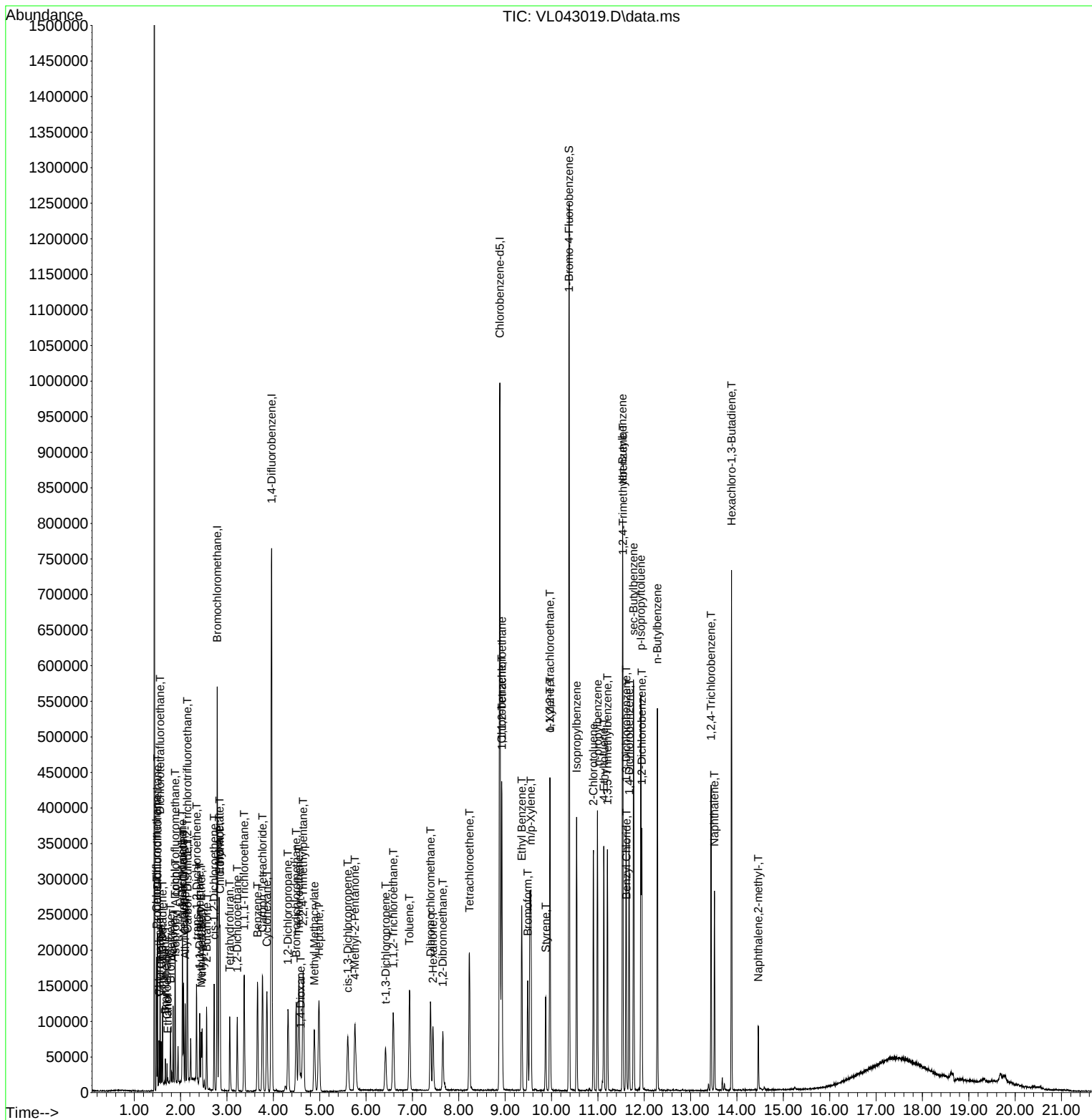
Instrument :
 MSVOA_L
 ClientSampleId :

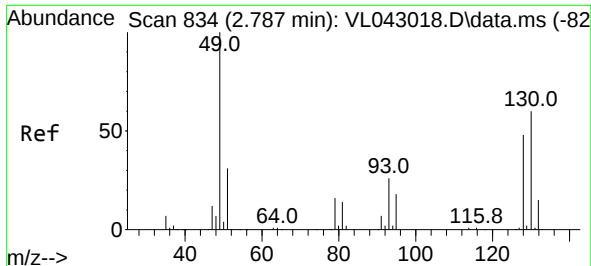
Quant Time: Sep 30 23:56:15 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL093025AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Sep 30 23:54:02 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	5.606	75	49451	1.972	ppbv	95
47) 1,1,2-Trichloroethane	6.587	97	38043	2.029	ppbv	95
48) Dibromochloromethane	7.389	129	63863	1.976	ppbv	99
49) Bromoform	9.487	173	54296	1.980	ppbv	99
50) 4-Methyl-2-Pentanone	5.761	43	84228	1.952	ppbv	99
51) 2-Hexanone	7.444	43	61792	1.944	ppbv #	100
52) Tetrachloroethene	8.231	164	36361	1.895	ppbv	90
53) Toluene	6.936	91	106255	1.980	ppbv	99
54) 1,2-Dibromoethane	7.655	107	52700	2.015	ppbv	93
56) 1,1,1,2-Tetrachloroethane	8.930	131	48760	2.007	ppbv	98
57) Chlorobenzene	8.924	112	88915	2.012	ppbv	98
58) Ethyl Benzene	9.357	91	146404	2.015	ppbv	100
59) m/p-Xylene	9.555	91	127509	2.181	ppbv #	37
60) o-Xylene	9.966	91	120173	2.068	ppbv	100
61) Styrene	9.875	104	46897	1.907	ppbv	98
62) Isopropylbenzene	10.542	105	175973	2.034	ppbv	99
63) 1,1,2,2-Tetrachloroethane	9.966	83	62581	2.007	ppbv	98
64) n-propylbenzene	10.992	120	46617	2.068	ppbv	98
65) tert-Butylbenzene	11.532	119	164700	2.102	ppbv	100
66) Benzyl Chloride	11.616	91	11629	1.861	ppbv	98
67) sec-Butylbenzene	11.769	105	229465	2.100	ppbv	98
69) p-Isopropyltoluene	11.927	119	190819	2.097	ppbv	100
70) n-Butylbenzene	12.283	91	187543	2.134	ppbv	98
71) 2-Chlorotoluene	10.904	91	131720	2.041	ppbv	99
72) 4-Ethyltoluene	11.128	105	146794	2.054	ppbv	99
73) 1,3,5-Trimethylbenzene	11.205	105	123402	2.048	ppbv	98
74) 1,2,4-Trimethylbenzene	11.539	105	143706	2.112	ppbv	97
75) 1,3-Dichlorobenzene	11.610	146	89223	2.053	ppbv	99
76) 1,4-Dichlorobenzene	11.671	146	87198	2.053	ppbv	99
77) 1,2-Dichlorobenzene	11.950	146	88111	2.076	ppbv	99
78) Hexachloro-1,3-Butadiene	13.882	225	71270	2.100	ppbv	98
79) Naphthalene	13.513	128	130088	2.424	ppbv	99
80) Naphthalene,2-methyl-	14.461	142	28131	2.026	ppbv	98
81) 1,2,4-Trichlorobenzene	13.442	180	71749	2.204	ppbv	98

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

Quant Time: Sep 30 23:56:15 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL093025AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Tue Sep 30 23:54:02 2025
Response via : Initial Calibration

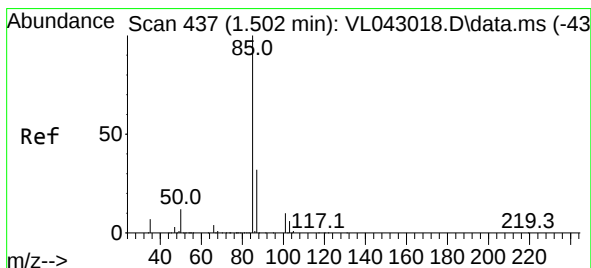
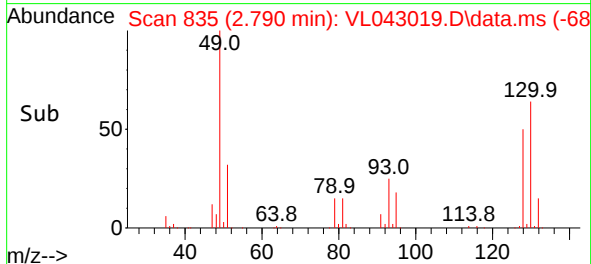
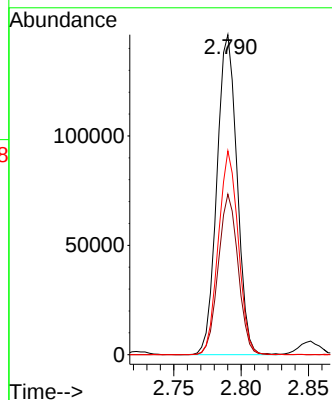
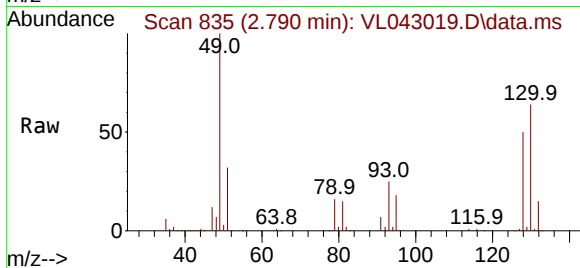




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.790 min Scan# 81
Delta R.T. 0.003 min
Lab File: VL043019.D
Acq: 30 Sep 2025 09:38

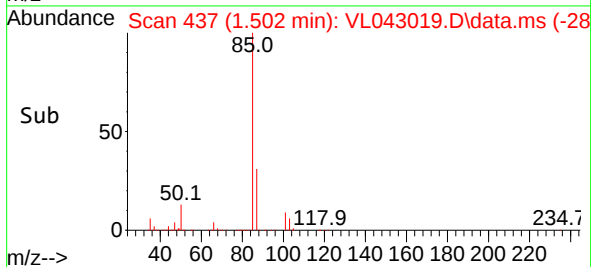
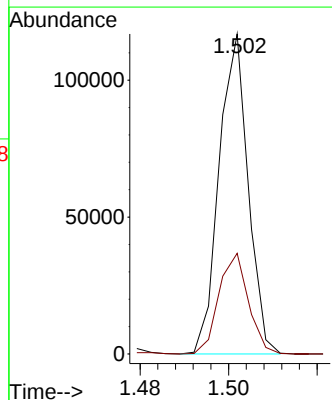
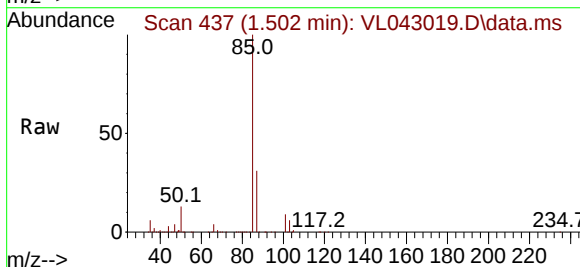
Instrument :
MSVOA_L
ClientSampleId :

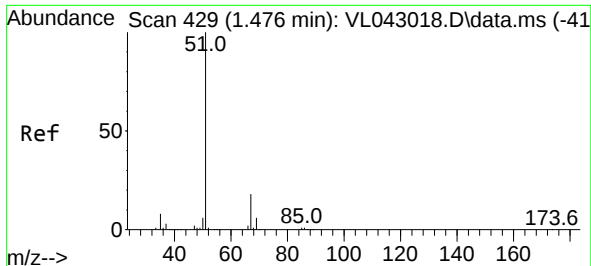
Tgt Ion: 49 Resp: 152050
Ion Ratio Lower Upper
49 100
128 49.3 25.2 75.6
130 62.8 31.6 94.7



#2
Dichlorodifluoromethane
Concen: 2.018 ppbv
RT: 1.502 min Scan# 437
Delta R.T. -0.000 min
Lab File: VL043019.D
Acq: 30 Sep 2025 09:38

Tgt Ion: 85 Resp: 53092
Ion Ratio Lower Upper
85 100
87 31.4 25.8 38.6

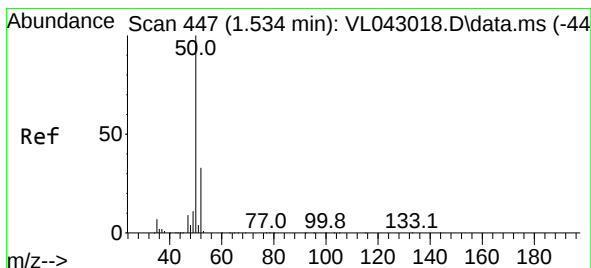
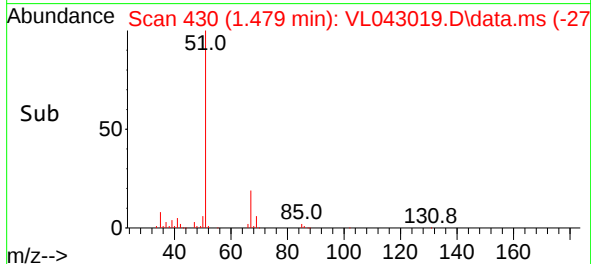
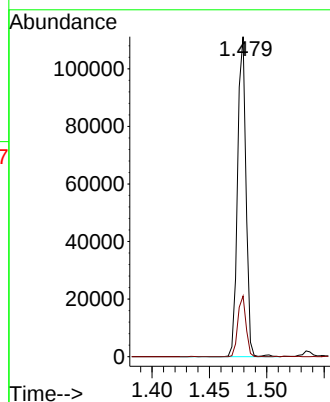
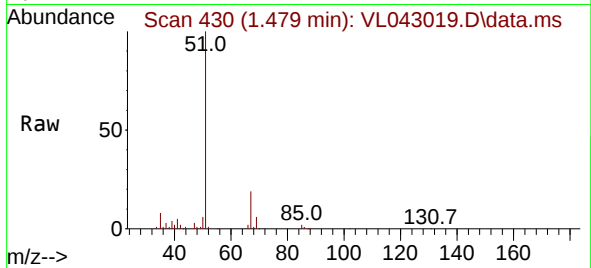




#3
Chlorodifluoromethane
Concen: 2.012 ppbv
RT: 1.479 min Scan# 41
Delta R.T. 0.003 min
Lab File: VL043019.D
Acq: 30 Sep 2025 09:38

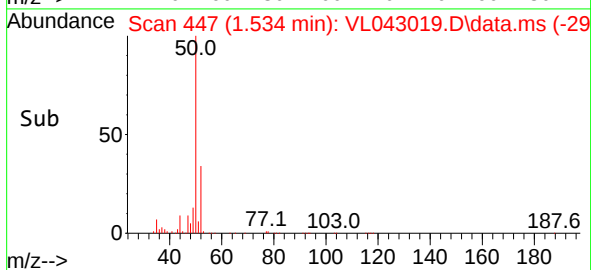
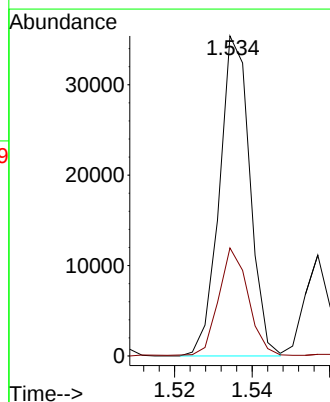
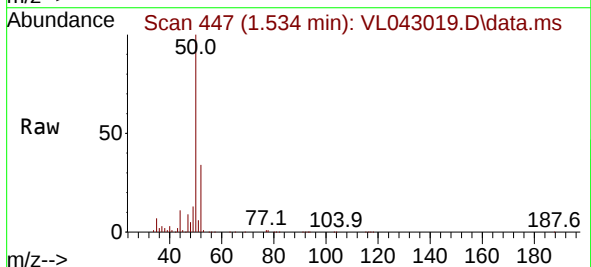
Instrument :
MSVOA_L
ClientSampleId :

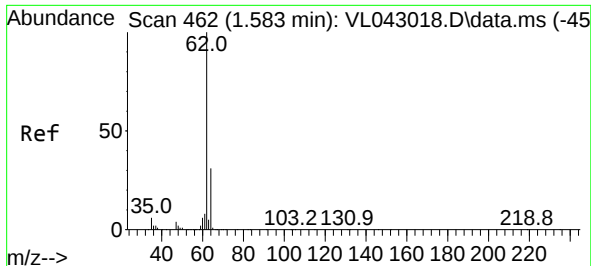
Tgt Ion: 51 Resp: 56363
Ion Ratio Lower Upper
51 100
67 18.4 15.1 22.7



#4
Chloromethane
Concen: 1.935 ppbv
RT: 1.534 min Scan# 447
Delta R.T. -0.000 min
Lab File: VL043019.D
Acq: 30 Sep 2025 09:38

Tgt Ion: 50 Resp: 19331
Ion Ratio Lower Upper
50 100
52 33.5 26.0 39.0

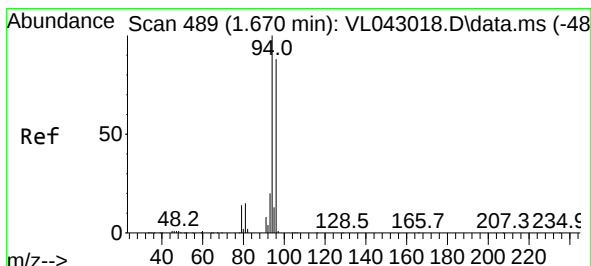
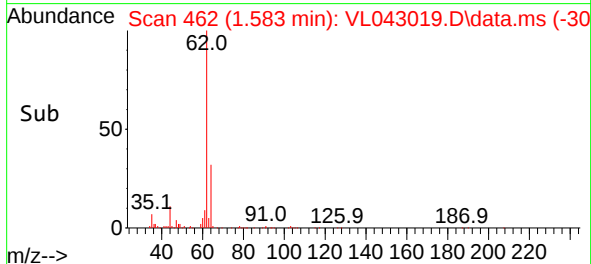
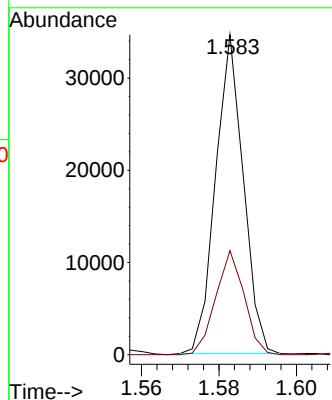
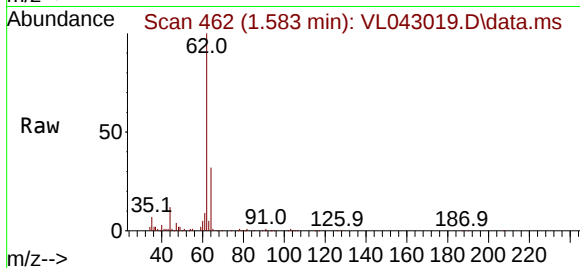




#5
 Vinyl Chloride
 Concen: 1.776 ppbv
 RT: 1.583 min Scan# 462
 Delta R.T. -0.000 min
 Lab File: VL043019.D
 Acq: 30 Sep 2025 09:38

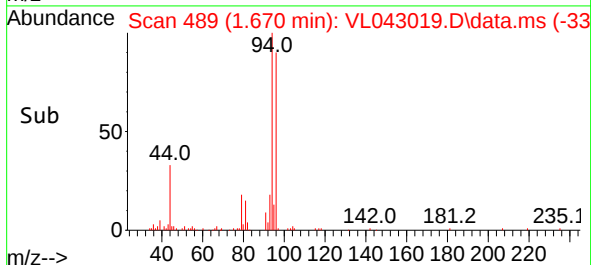
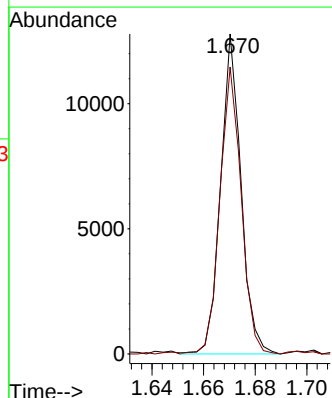
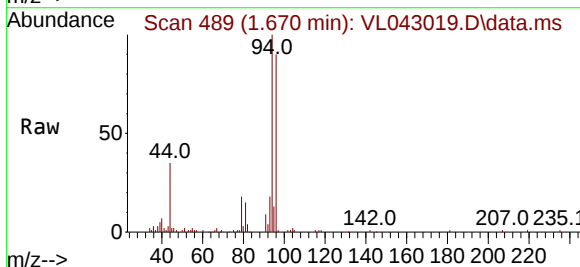
Instrument :
 MSVOA_L
 ClientSampleId :

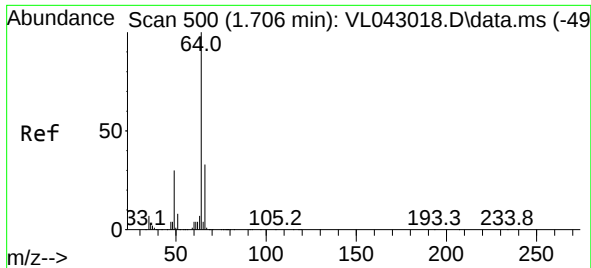
Tgt Ion: 62 Resp: 17208
 Ion Ratio Lower Upper
 62 100
 64 32.6 24.6 37.0



#6
 Bromomethane
 Concen: 2.001 ppbv
 RT: 1.670 min Scan# 489
 Delta R.T. -0.000 min
 Lab File: VL043019.D
 Acq: 30 Sep 2025 09:38

Tgt Ion: 94 Resp: 7006
 Ion Ratio Lower Upper
 94 100
 96 89.7 70.5 105.7

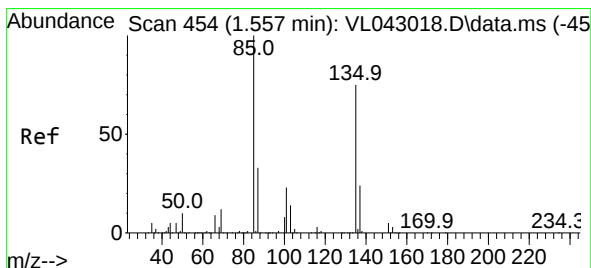
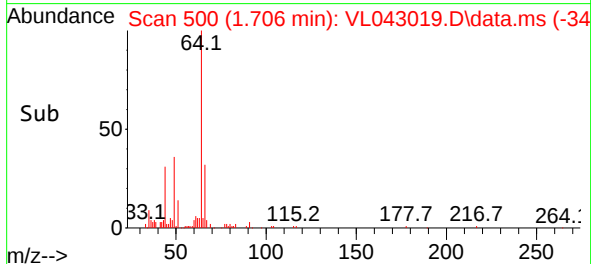
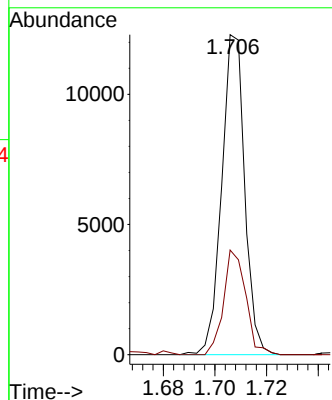
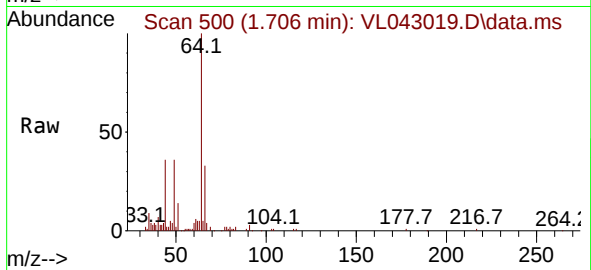




#7
Chloroethane
Concen: 1.969 ppbv
RT: 1.706 min Scan# 500
Delta R.T. -0.000 min
Lab File: VL043019.D
Acq: 30 Sep 2025 09:38

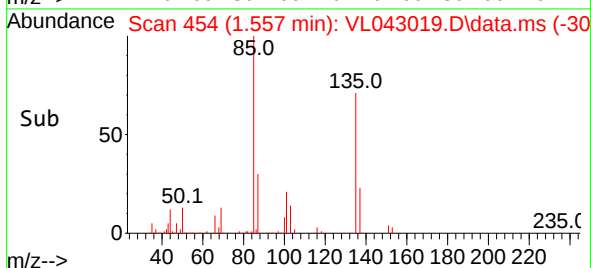
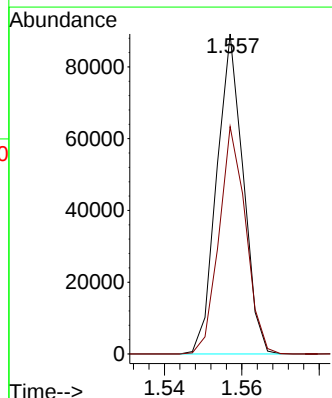
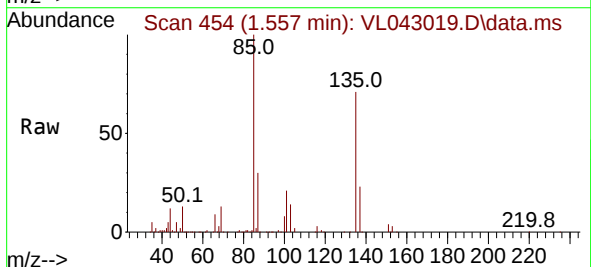
Instrument :
MSVOA_L
ClientSampleId :

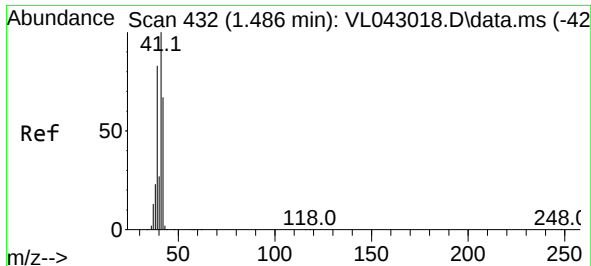
Tgt Ion: 64 Resp: 7615
Ion Ratio Lower Upper
64 100
66 32.7 26.0 39.0



#8
Dichlorotetrafluoroethane
Concen: 1.975 ppbv
RT: 1.557 min Scan# 454
Delta R.T. -0.000 min
Lab File: VL043019.D
Acq: 30 Sep 2025 09:38

Tgt Ion: 85 Resp: 42372
Ion Ratio Lower Upper
85 100
135 71.7 57.4 86.0

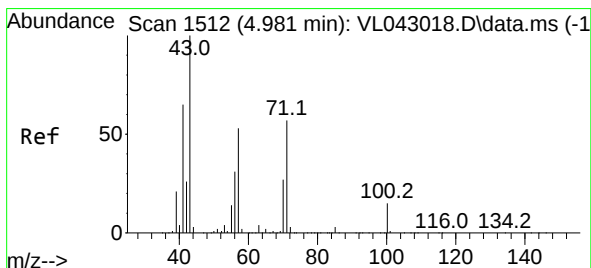
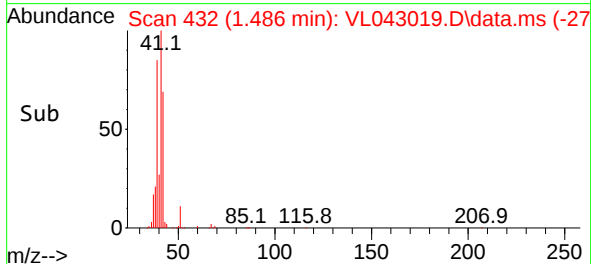
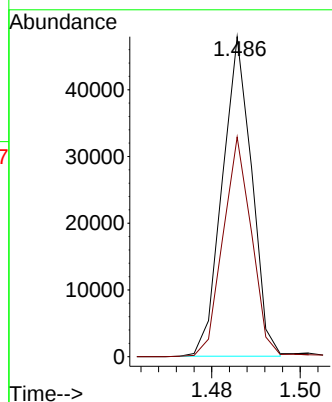
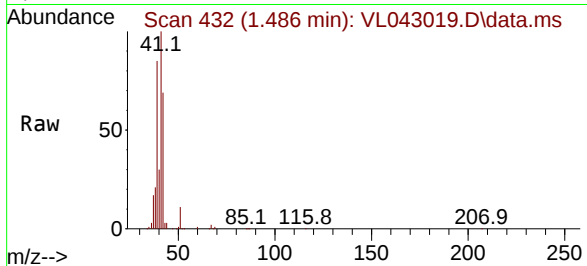




#9
 Propene
 Concen: 2.021 ppbv
 RT: 1.486 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VL043019.D
 Acq: 30 Sep 2025 09:38

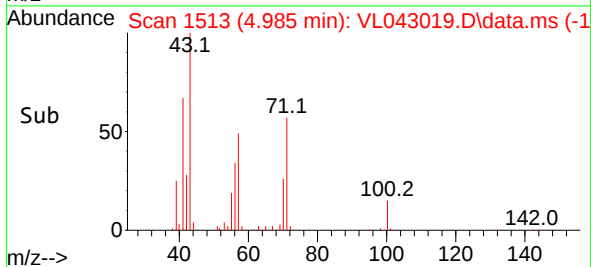
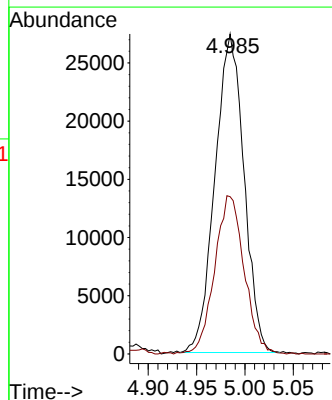
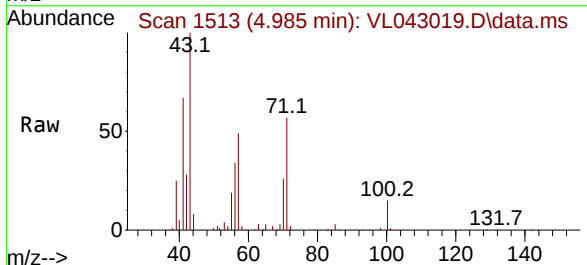
Instrument :
 MSVOA_L
 ClientSampleId :

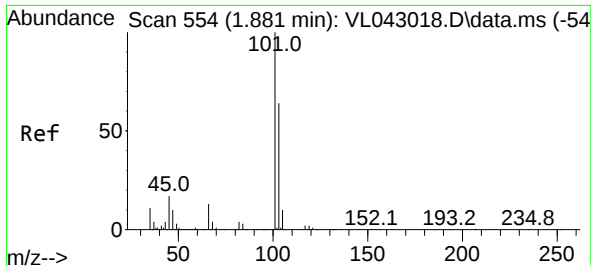
Tgt Ion: 41 Resp: 22027
 Ion Ratio Lower Upper
 41 100
 42 68.0 54.2 81.2



#10
 Heptane
 Concen: 2.028 ppbv
 RT: 4.985 min Scan# 1513
 Delta R.T. 0.003 min
 Lab File: VL043019.D
 Acq: 30 Sep 2025 09:38

Tgt Ion: 43 Resp: 57002
 Ion Ratio Lower Upper
 43 100
 57 50.7 40.5 60.7

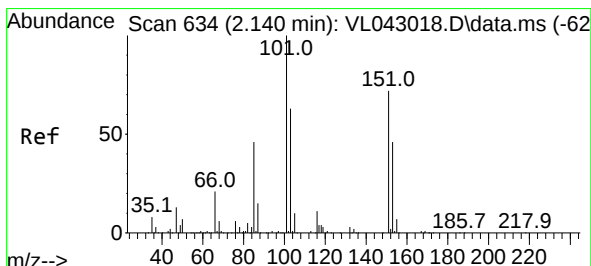
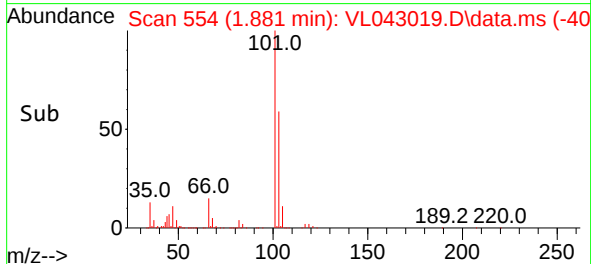
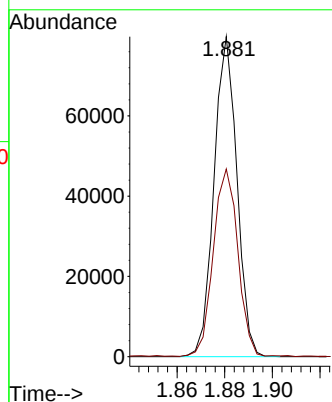
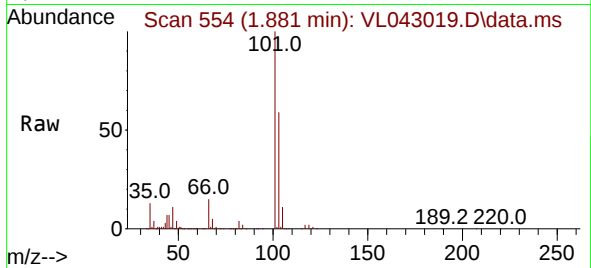




#11
 Trichlorofluoromethane
 Concen: 2.005 ppbv
 RT: 1.881 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: VL043019.D
 Acq: 30 Sep 2025 09:38

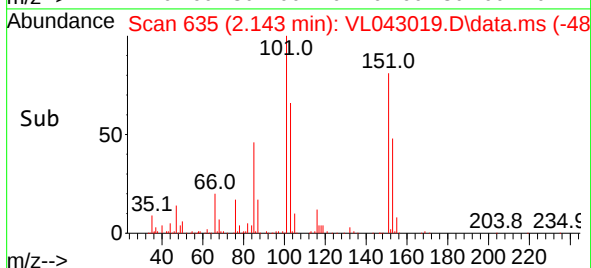
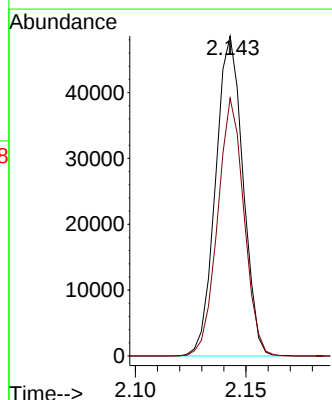
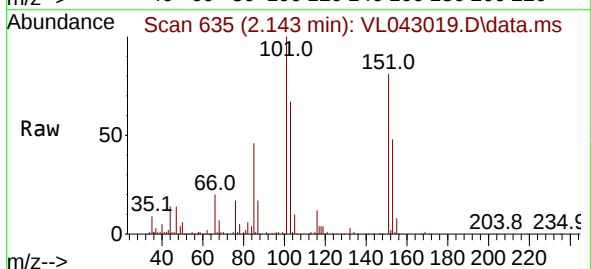
Instrument :
 MSVOA_L
 ClientSampleId :

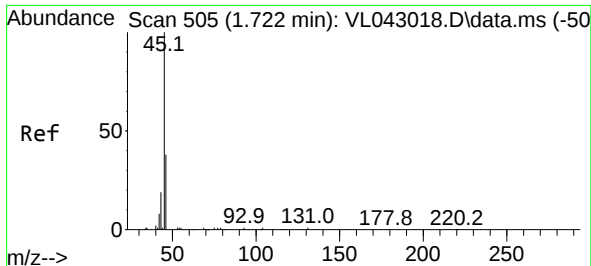
Tgt Ion:101 Resp: 53176
 Ion Ratio Lower Upper
 101 100
 103 58.5 51.4 77.0



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 1.991 ppbv
 RT: 2.143 min Scan# 635
 Delta R.T. 0.003 min
 Lab File: VL043019.D
 Acq: 30 Sep 2025 09:38

Tgt Ion:101 Resp: 41847
 Ion Ratio Lower Upper
 101 100
 151 77.5 60.2 90.4

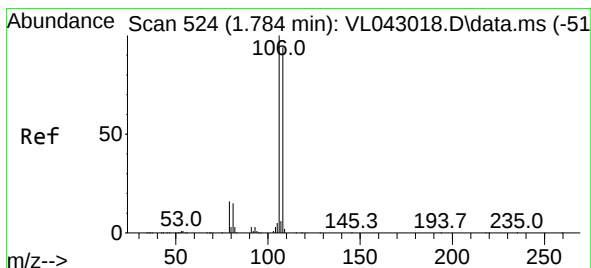
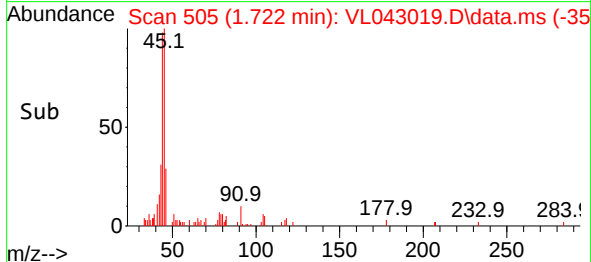
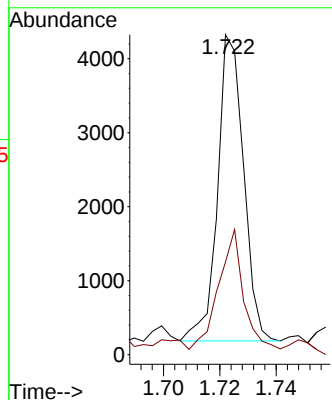
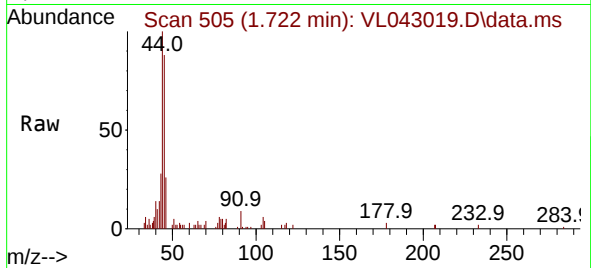




#13
Ethanol
Concen: 2.294 ppbv
RT: 1.722 min Scan# 505
Delta R.T. -0.000 min
Lab File: VL043019.D
Acq: 30 Sep 2025 09:38

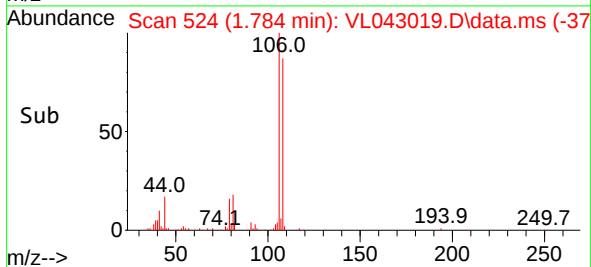
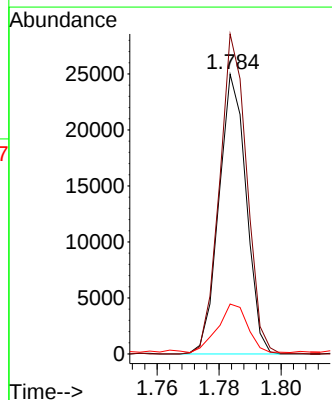
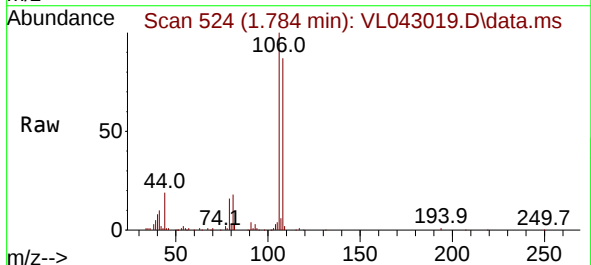
Instrument :
MSVOA_L
ClientSampleId :

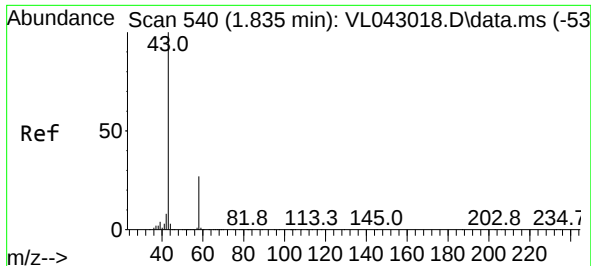
Tgt Ion: 45 Resp: 2655
Ion Ratio Lower Upper
45 100
46 53.0 16.2 64.8



#14
Bromoethene
Concen: 1.949 ppbv
RT: 1.784 min Scan# 524
Delta R.T. -0.000 min
Lab File: VL043019.D
Acq: 30 Sep 2025 09:38

Tgt Ion: 108 Resp: 15262
Ion Ratio Lower Upper
108 100
106 114.5 85.4 128.0
79 18.9 13.8 20.8

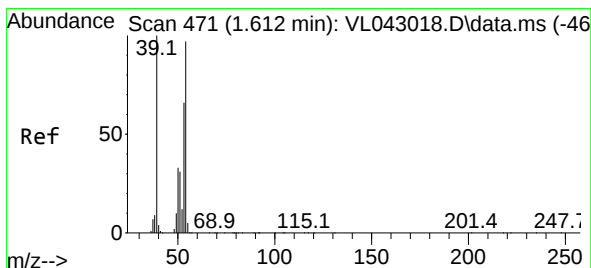
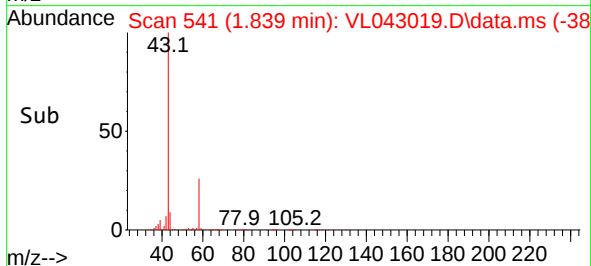
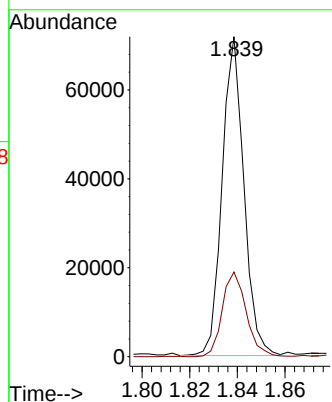
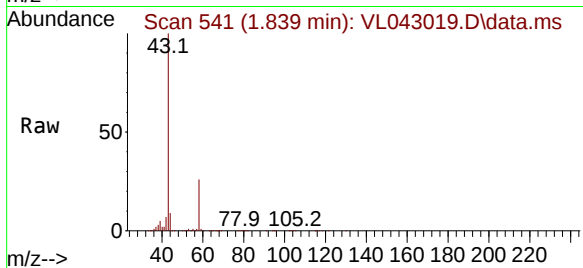




#15
Acetone
Concen: 2.089 ppbv
RT: 1.839 min Scan# 540
Delta R.T. 0.003 min
Lab File: VL043019.D
Acq: 30 Sep 2025 09:38

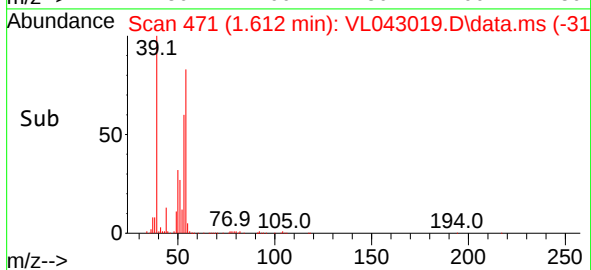
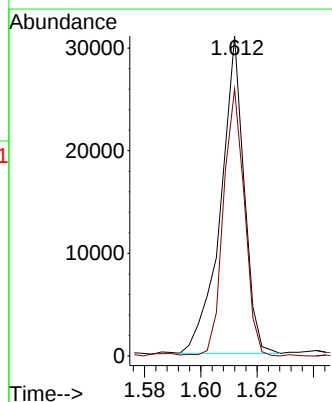
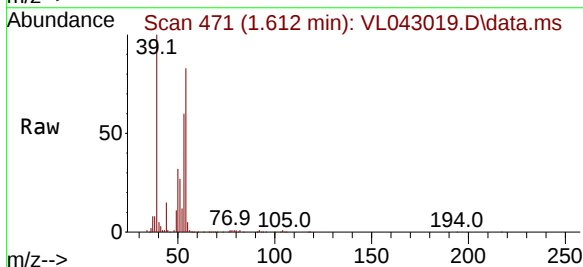
Instrument :
MSVOA_L
ClientSampleId :

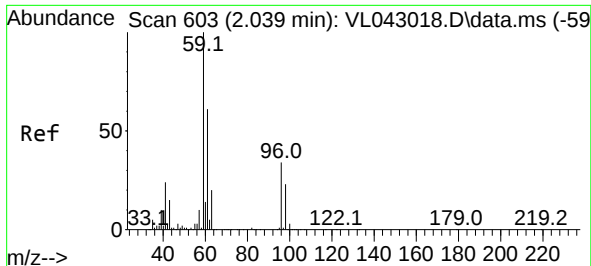
Tgt Ion: 43 Resp: 45297
Ion Ratio Lower Upper
43 100
58 29.9 22.8 34.2



#16
1,3-Butadiene
Concen: 1.948 ppbv
RT: 1.612 min Scan# 471
Delta R.T. -0.000 min
Lab File: VL043019.D
Acq: 30 Sep 2025 09:38

Tgt Ion: 39 Resp: 17879
Ion Ratio Lower Upper
39 100
54 77.5 65.4 98.2





#17

tert-Butyl alcohol

Concen: 1.888 ppbv

RT: 2.042 min Scan# 604

Delta R.T. 0.003 min

Lab File: VL043019.D

Acq: 30 Sep 2025 09:38

Instrument :

MSVOA_L

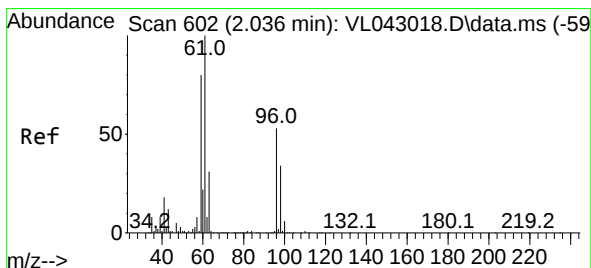
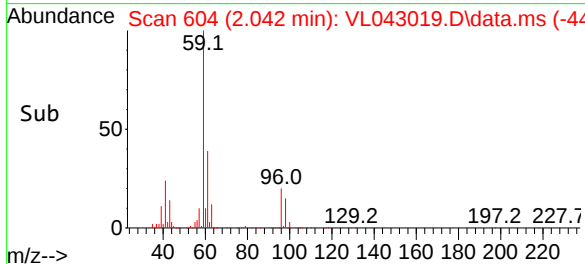
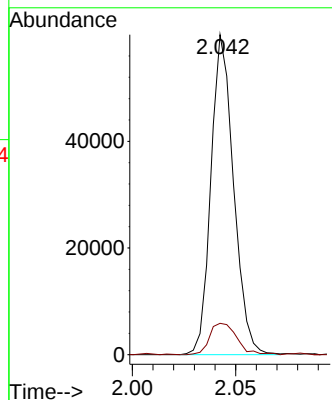
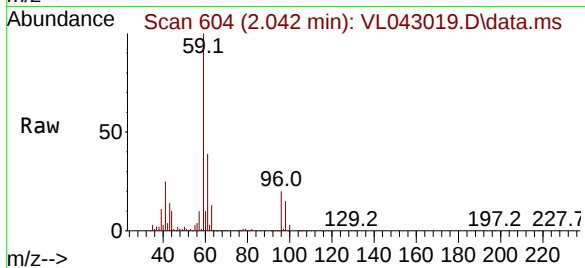
ClientSampleId :

Tgt Ion: 59 Resp: 45746

Ion Ratio Lower Upper

59 100

57 12.3 8.4 12.6



#18

1,1-Dichloroethene

Concen: 1.937 ppbv

RT: 2.036 min Scan# 602

Delta R.T. -0.000 min

Lab File: VL043019.D

Acq: 30 Sep 2025 09:38

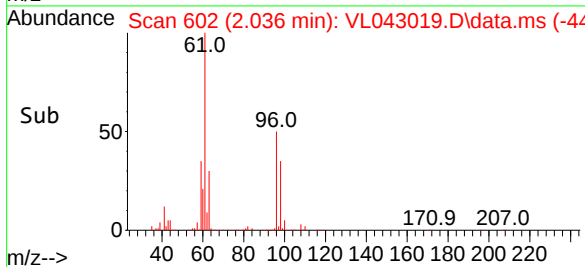
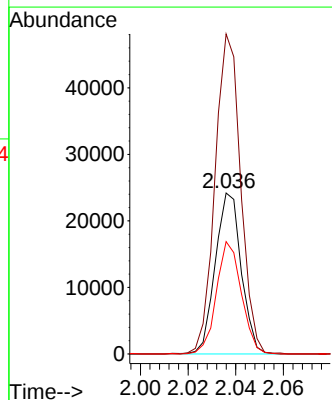
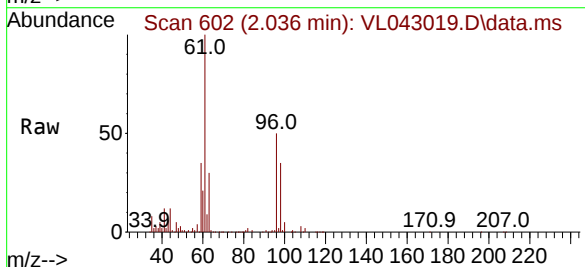
Tgt Ion: 96 Resp: 18303

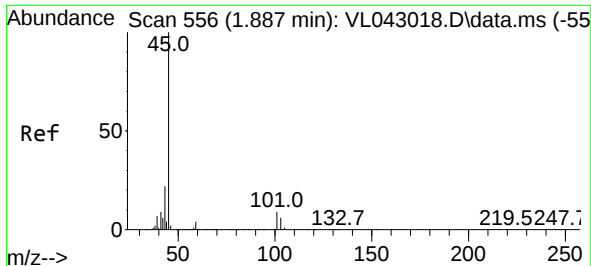
Ion Ratio Lower Upper

96 100

61 198.8 151.4 227.0

98 69.8 51.5 77.3

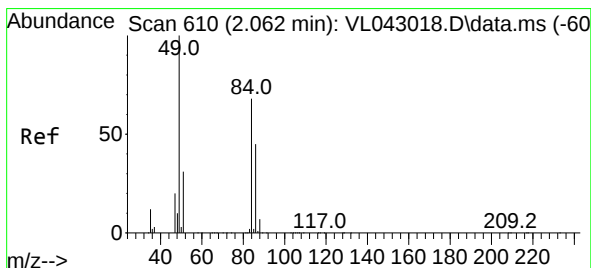
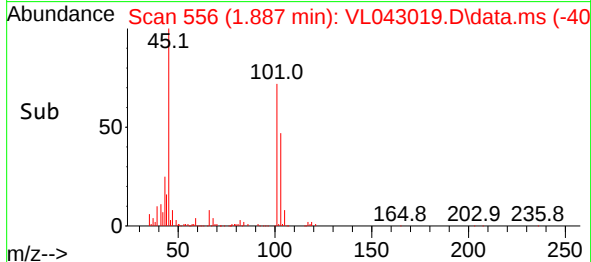
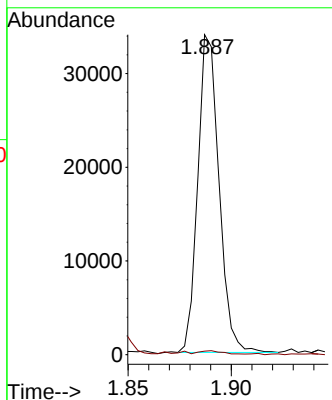
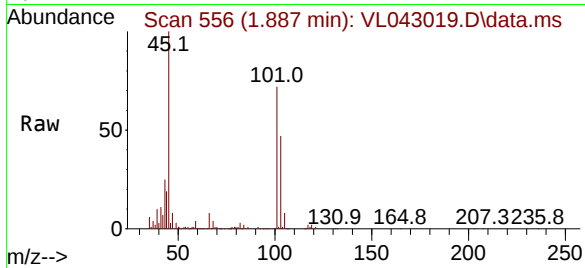




#19
Isopropyl Alcohol
Concen: 1.902 ppbv
RT: 1.887 min Scan# 511
Delta R.T. -0.000 min
Lab File: VL043019.D
Acq: 30 Sep 2025 09:38

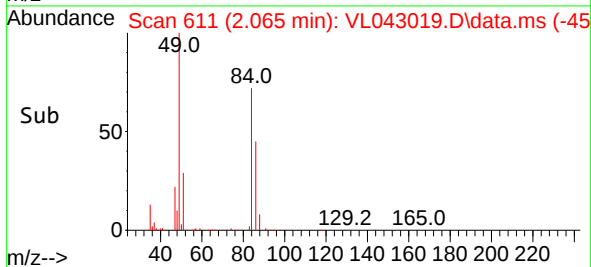
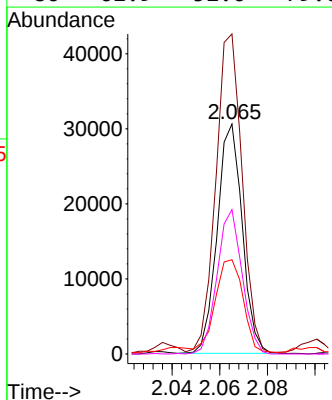
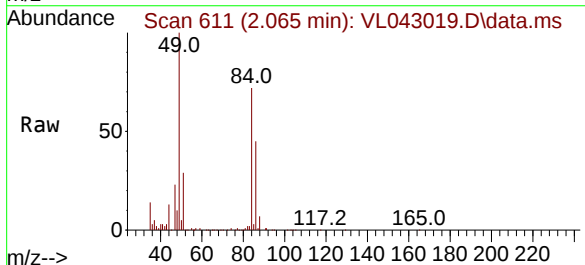
Instrument :
MSVOA_L
ClientSampleId :

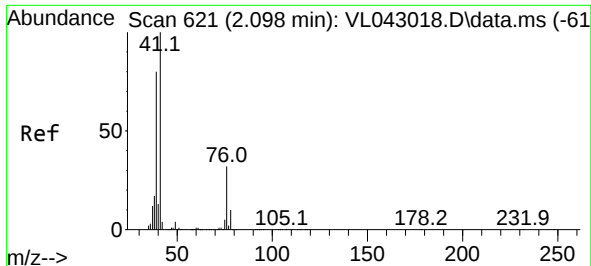
Tgt Ion: 45 Resp: 24252
Ion Ratio Lower Upper
45 100
58 2.5 33.9 50.9#



#20
Methylene Chloride
Concen: 2.092 ppbv
RT: 2.065 min Scan# 611
Delta R.T. 0.003 min
Lab File: VL043019.D
Acq: 30 Sep 2025 09:38

Tgt Ion: 84 Resp: 22286
Ion Ratio Lower Upper
84 100
49 138.8 117.4 176.2
51 40.6 37.4 56.0
86 62.9 52.6 79.0

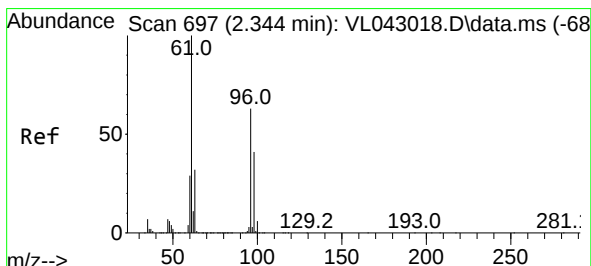
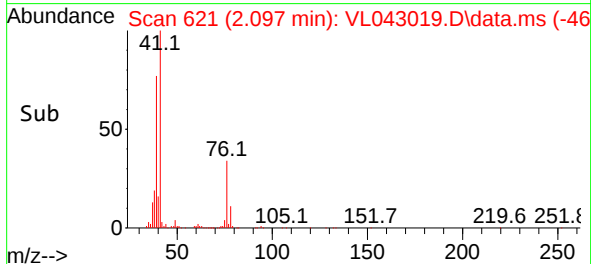
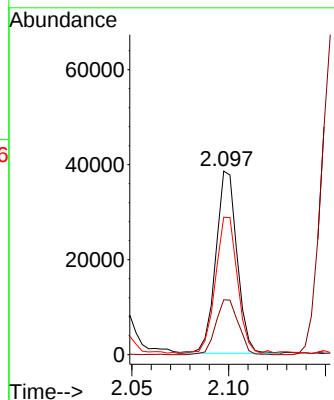
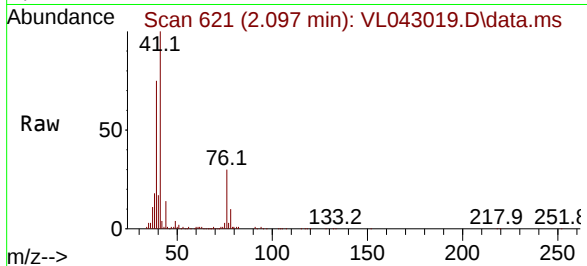




#21
 Allyl Chloride
 Concen: 1.987 ppbv
 RT: 2.097 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: VL043019.D
 Acq: 30 Sep 2025 09:38

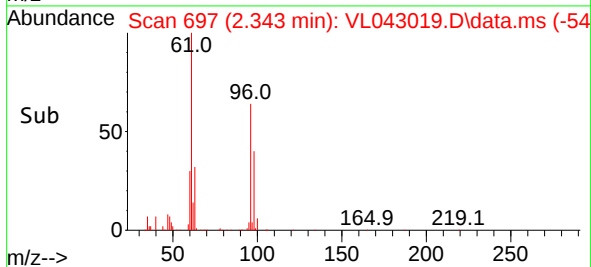
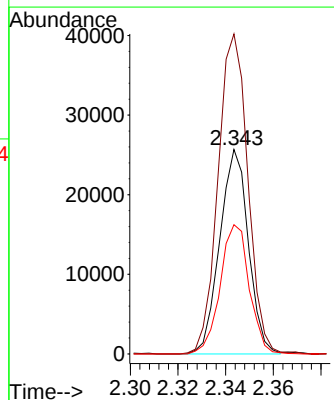
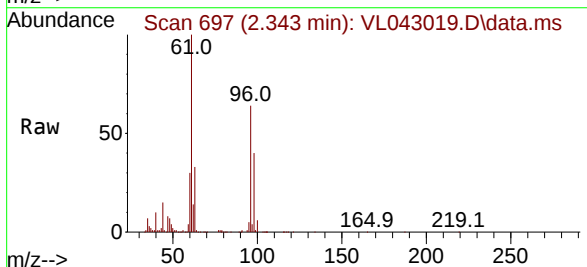
Instrument :
 MSVOA_L
 ClientSampleId :

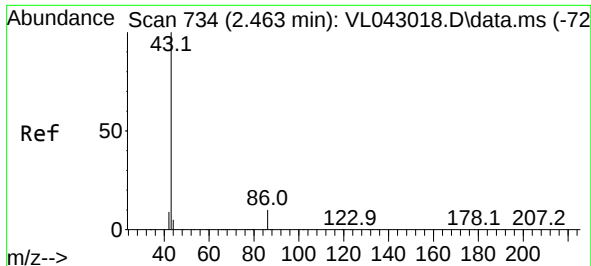
Tgt Ion: 41 Resp: 29148
 Ion Ratio Lower Upper
 41 100
 76 32.3 25.6 38.4
 39 79.5 62.6 94.0



#22
 trans-1,2-Dichloroethene
 Concen: 2.002 ppbv
 RT: 2.343 min Scan# 697
 Delta R.T. -0.000 min
 Lab File: VL043019.D
 Acq: 30 Sep 2025 09:38

Tgt Ion: 96 Resp: 21421
 Ion Ratio Lower Upper
 96 100
 61 156.5 126.1 189.1
 98 63.2 51.3 76.9



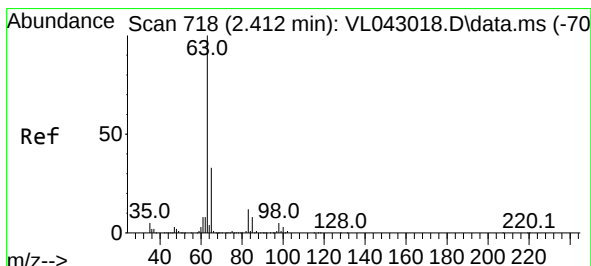
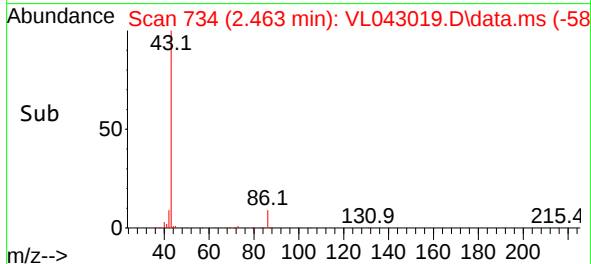
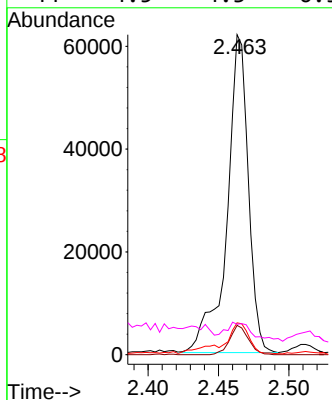
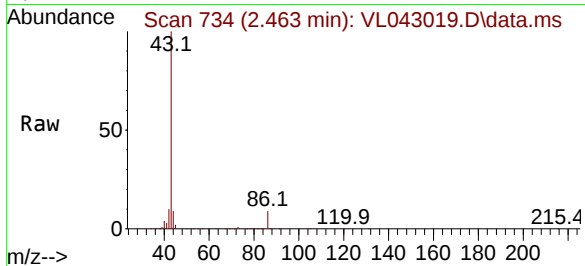


#23
 Vinyl Acetate
 Concen: 2.189 ppbv
 RT: 2.463 min Scan# 718
 Delta R.T. -0.000 min
 Lab File: VL043019.D
 Acq: 30 Sep 2025 09:38

Instrument :
 MSVOA_L
 ClientSampleId :

Tgt Ion: 43 Resp: 65553

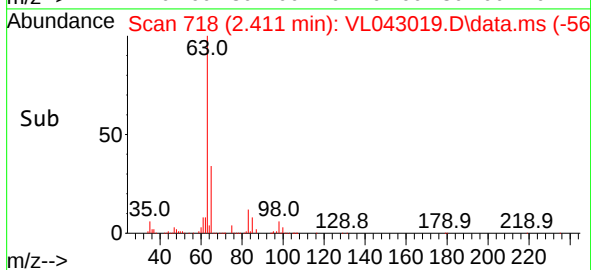
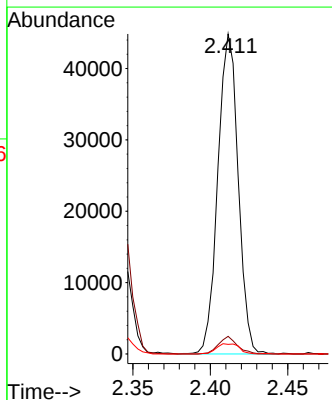
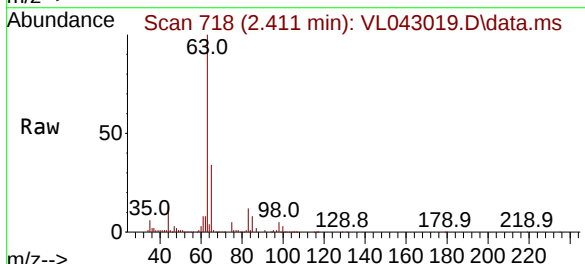
Ion	Ratio	Lower	Upper
43	100		
86	9.2	7.1	10.7
42	9.7	7.9	11.9
44	4.5	4.3	6.5

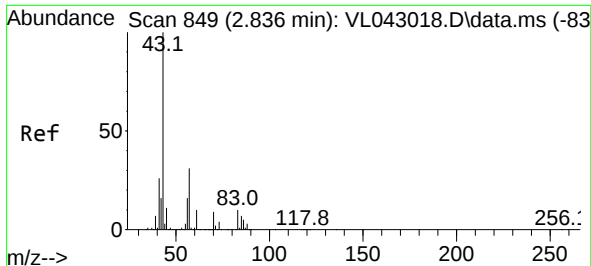


#24
 1,1-Dichloroethane
 Concen: 2.037 ppbv
 RT: 2.411 min Scan# 718
 Delta R.T. -0.000 min
 Lab File: VL043019.D
 Acq: 30 Sep 2025 09:38

Tgt Ion: 63 Resp: 41010

Ion	Ratio	Lower	Upper
63	100		
98	5.5	2.4	7.2
100	3.0	1.6	4.8

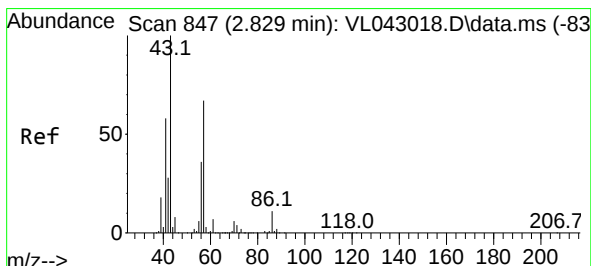
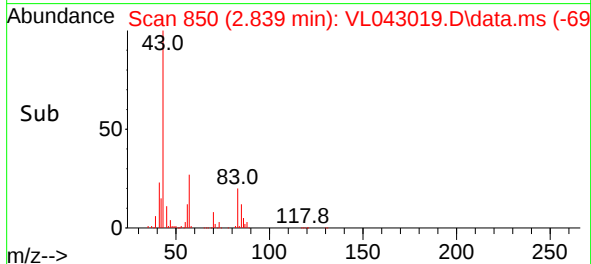
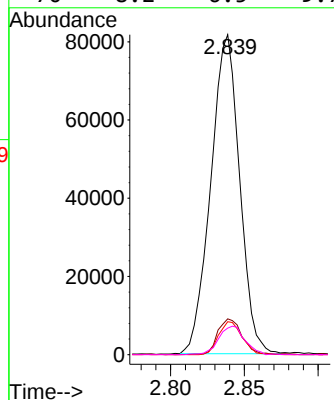
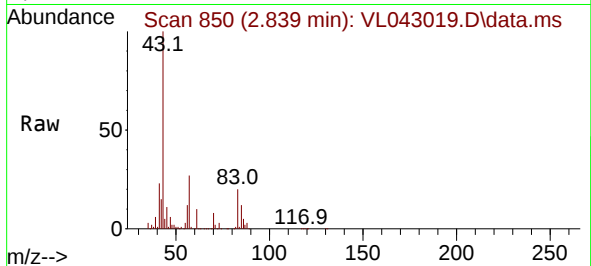




#25
Ethyl Acetate
Concen: 2.006 ppbv
RT: 2.839 min Scan# 849
Delta R.T. 0.003 min
Lab File: VL043019.D
Acq: 30 Sep 2025 09:38

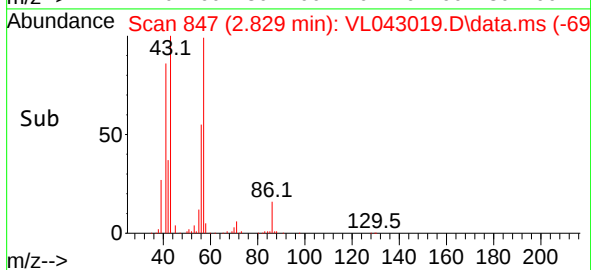
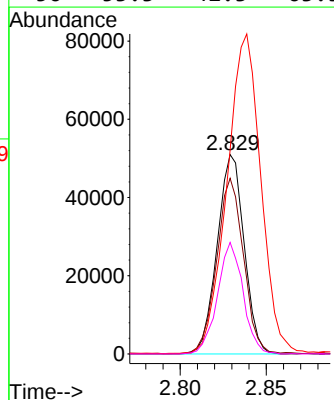
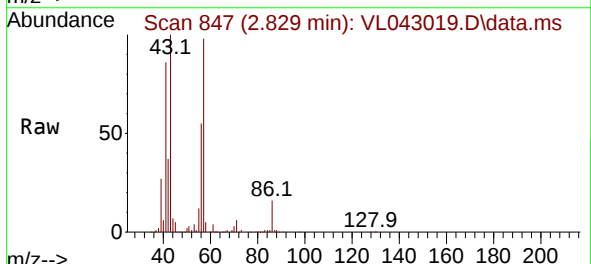
Instrument :
MSVOA_L
ClientSampleId :

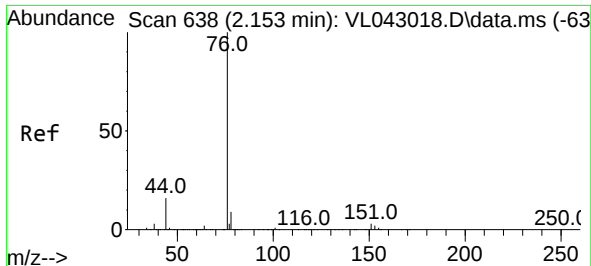
Tgt Ion: 43	Resp: 110966
Ion Ratio	Lower Upper
43 100	
45 9.6	7.8 11.6
61 8.5	7.0 10.4
70 8.2	6.5 9.7



#26
Hexane
Concen: 1.927 ppbv
RT: 2.829 min Scan# 847
Delta R.T. -0.000 min
Lab File: VL043019.D
Acq: 30 Sep 2025 09:38

Tgt Ion: 57	Resp: 55431
Ion Ratio	Lower Upper
57 100	
41 89.6	70.3 105.5
43 203.2	172.1 258.1
56 53.3	42.3 63.5

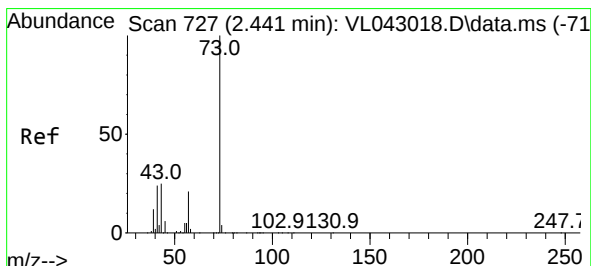
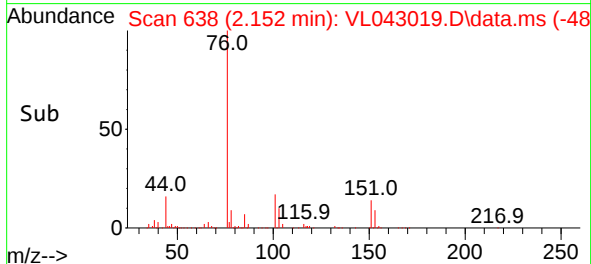
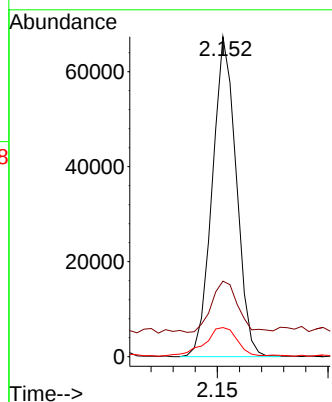
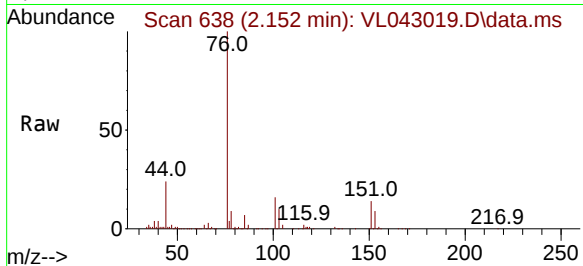




#27
Carbon Disulfide
Concen: 2.007 ppbv
RT: 2.152 min Scan# 61
Delta R.T. -0.000 min
Lab File: VL043019.D
Acq: 30 Sep 2025 09:38

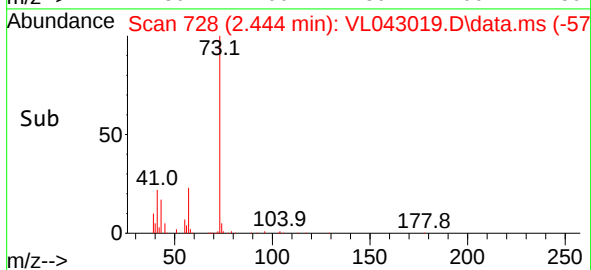
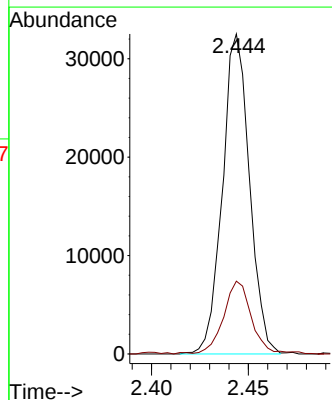
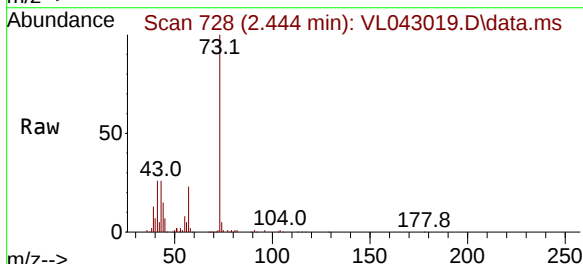
Instrument :
MSVOA_L
ClientSampleId :

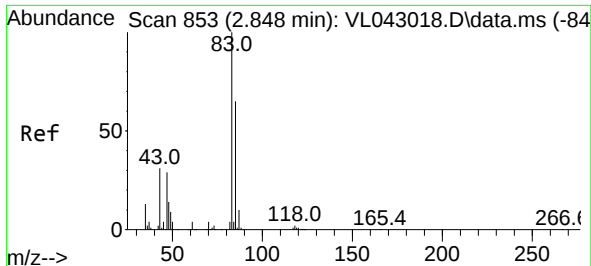
Tgt Ion: 76 Resp: 50765
Ion Ratio Lower Upper
76 100
44 26.9 14.6 21.8#
78 11.7 9.4 14.2



#28
Methyl tert-Butyl Ether
Concen: 2.244 ppbv
RT: 2.444 min Scan# 728
Delta R.T. 0.003 min
Lab File: VL043019.D
Acq: 30 Sep 2025 09:38

Tgt Ion: 73 Resp: 31603
Ion Ratio Lower Upper
73 100
57 24.1 17.7 26.5





#29

Chloroform

Concen: 2.021 ppbv

RT: 2.852 min Scan# 854

Delta R.T. 0.003 min

Lab File: VL043019.D

Acq: 30 Sep 2025 09:38

Instrument :

MSVOA_L

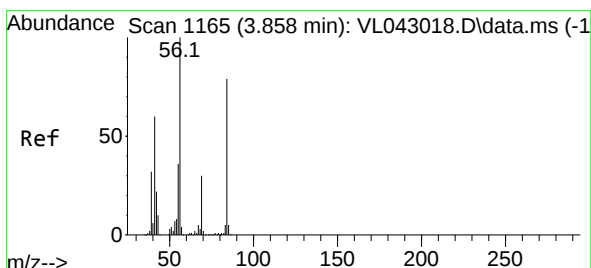
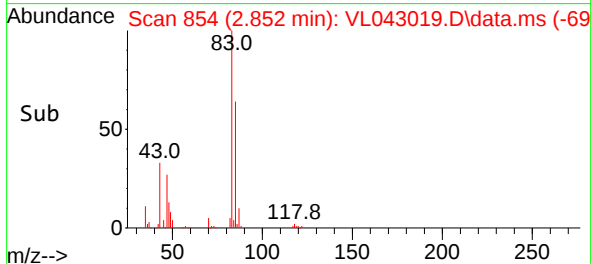
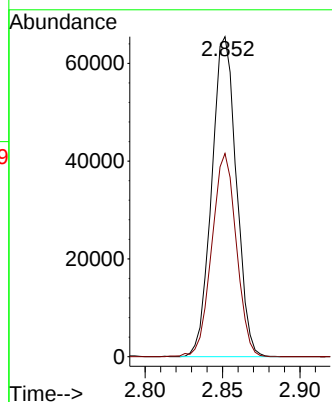
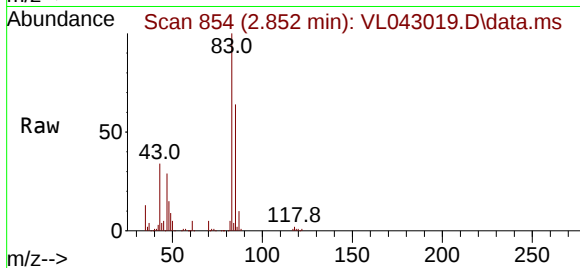
ClientSampleId :

Tgt Ion: 83 Resp: 72322

Ion Ratio Lower Upper

83 100

85 63.5 51.7 77.5



#30

Cyclohexane

Concen: 1.987 ppbv

RT: 3.861 min Scan# 1166

Delta R.T. 0.003 min

Lab File: VL043019.D

Acq: 30 Sep 2025 09:38

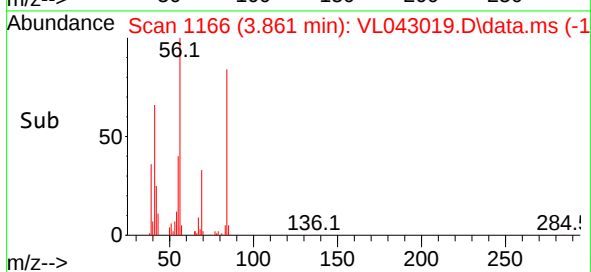
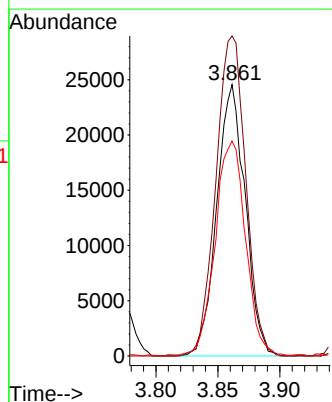
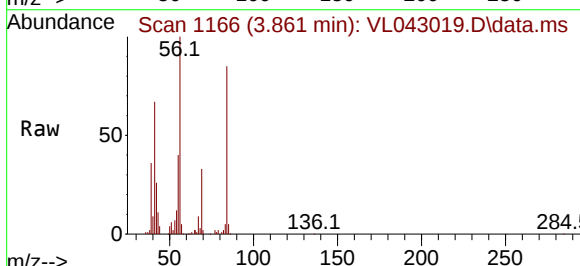
Tgt Ion: 84 Resp: 39359

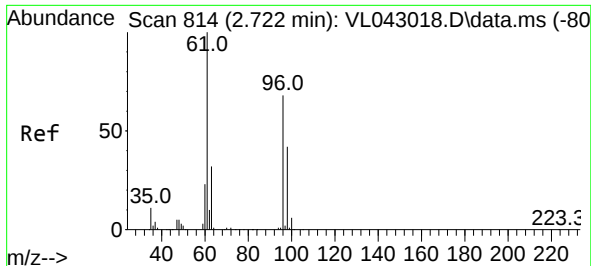
Ion Ratio Lower Upper

84 100

56 123.7 97.3 145.9

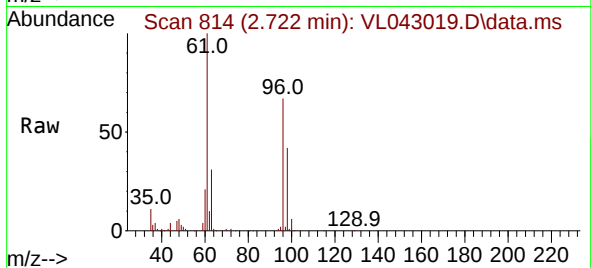
41 84.9 62.6 93.8



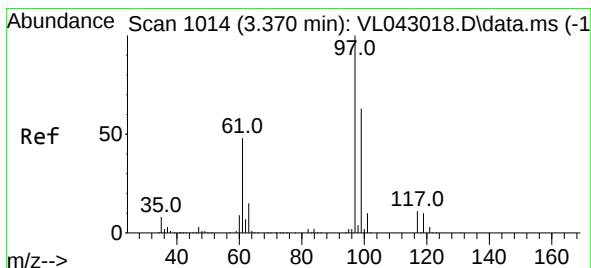
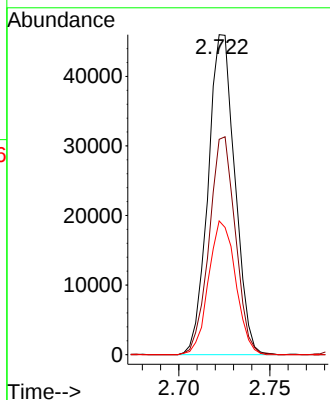
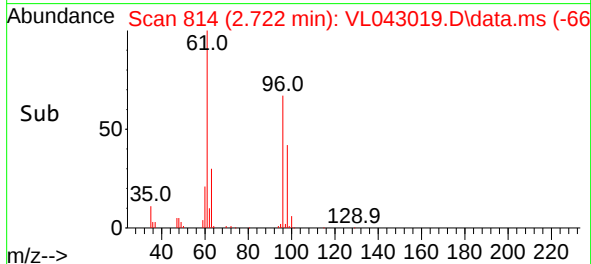


#31
 cis-1,2-Dichloroethene
 Concen: 2.018 ppbv
 RT: 2.722 min Scan# 814
 Delta R.T. -0.000 min
 Lab File: VL043019.D
 Acq: 30 Sep 2025 09:38

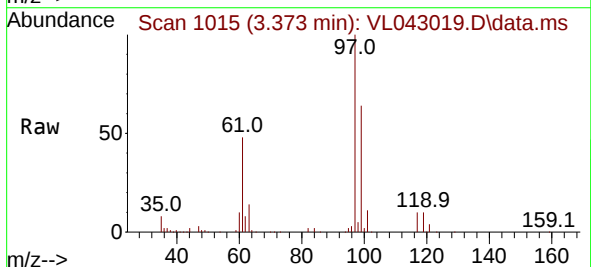
Instrument :
 MSVOA_L
 ClientSampleId :



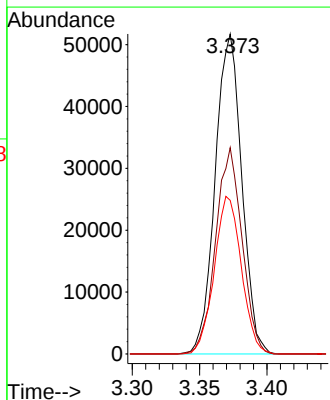
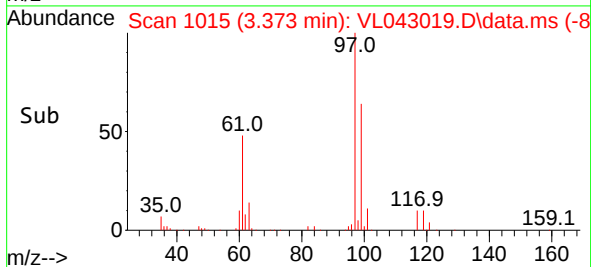
Tgt Ion: 61 Resp: 47131
 Ion Ratio Lower Upper
 61 100
 96 67.3 54.4 81.6
 98 41.8 33.7 50.5

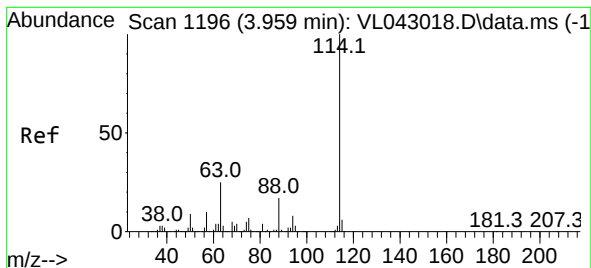


#32
 1,1,1-Trichloroethane
 Concen: 1.960 ppbv
 RT: 3.373 min Scan# 1015
 Delta R.T. 0.003 min
 Lab File: VL043019.D
 Acq: 30 Sep 2025 09:38



Tgt Ion: 97 Resp: 71075
 Ion Ratio Lower Upper
 97 100
 99 63.9 51.4 77.0
 61 50.1 38.8 58.2





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.962 min Scan# 1197

Delta R.T. 0.003 min

Lab File: VL043019.D

Acq: 30 Sep 2025 09:38

Instrument :

MSVOA_L

ClientSampleId :

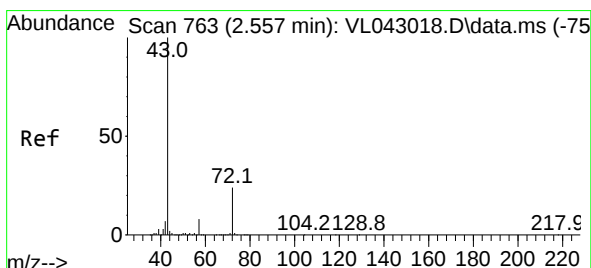
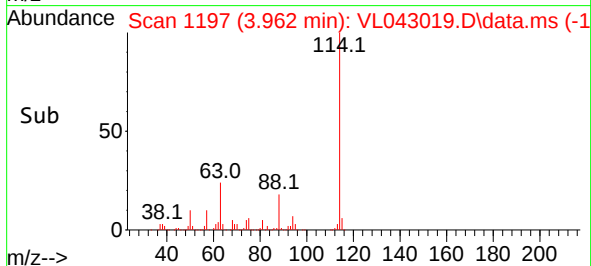
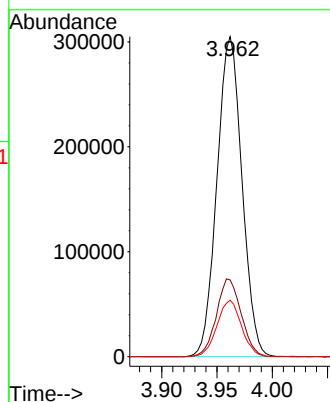
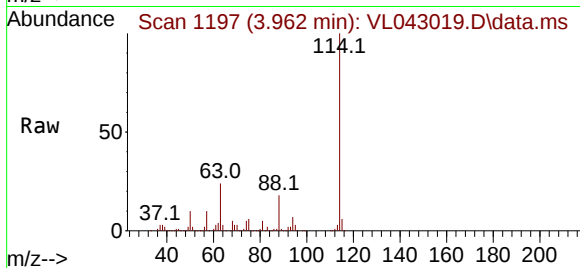
Tgt Ion:114 Resp: 480179

Ion Ratio Lower Upper

114 100

63 24.1 19.7 29.5

88 17.2 13.8 20.6



#34

2-Butanone

Concen: 2.033 ppbv

RT: 2.560 min Scan# 764

Delta R.T. 0.003 min

Lab File: VL043019.D

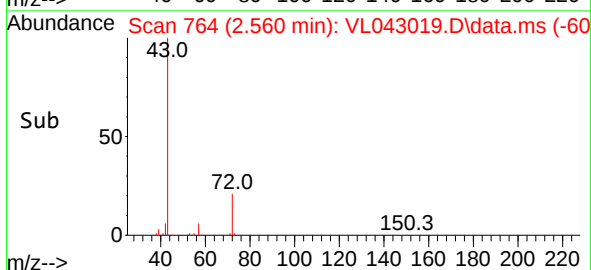
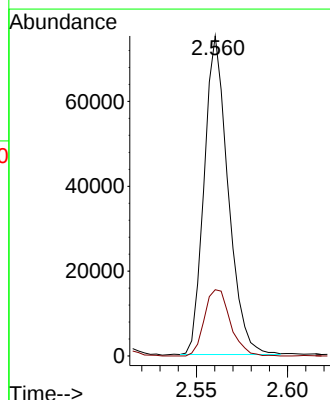
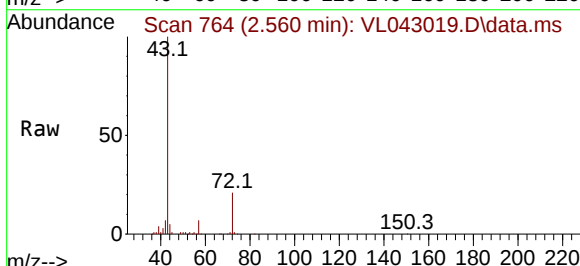
Acq: 30 Sep 2025 09:38

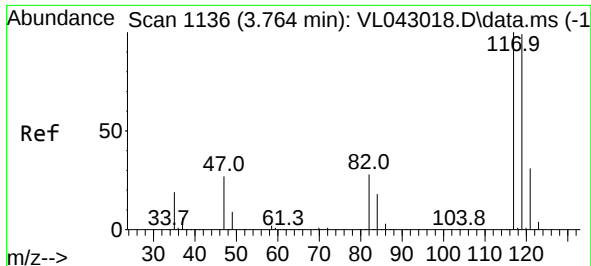
Tgt Ion: 43 Resp: 68751

Ion Ratio Lower Upper

43 100

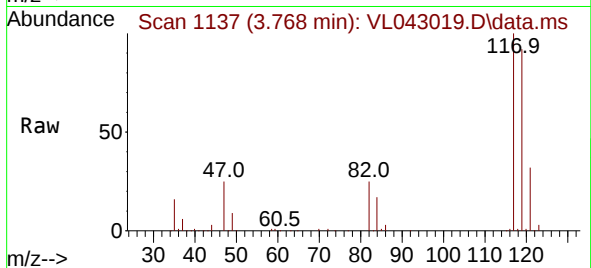
72 22.6 18.7 28.1



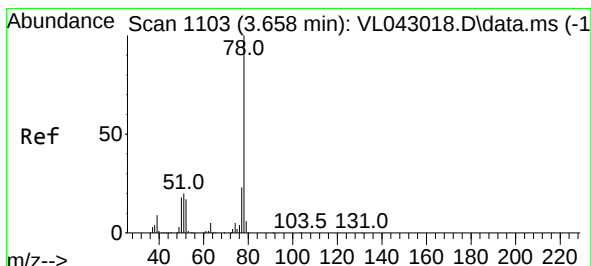
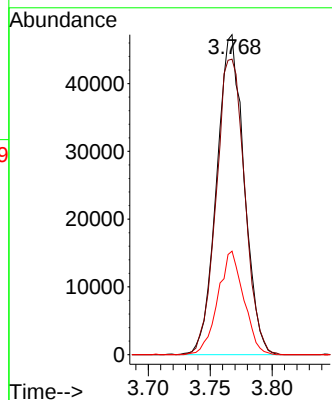
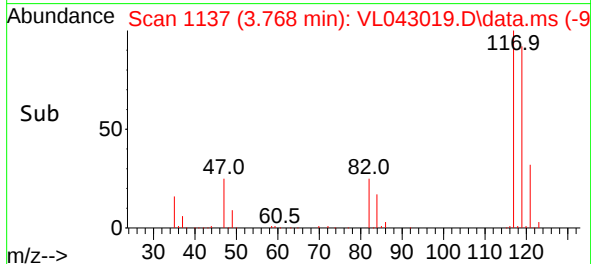


#35
Carbon Tetrachloride
Concen: 1.867 ppbv
RT: 3.768 min Scan# 1136
Delta R.T. 0.003 min
Lab File: VL043019.D
Acq: 30 Sep 2025 09:38

Instrument :
MSVOA_L
ClientSampleId :

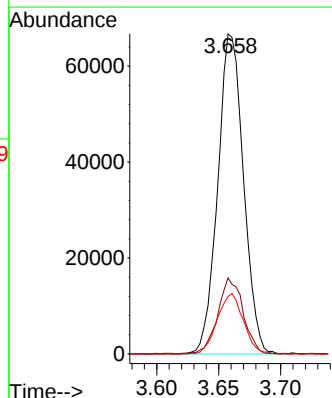
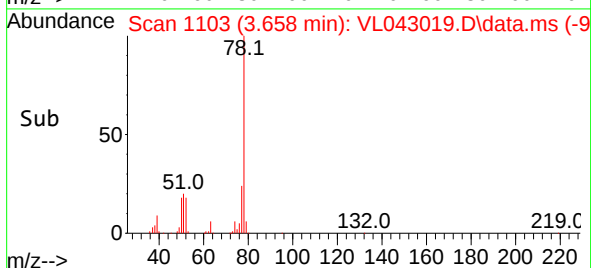
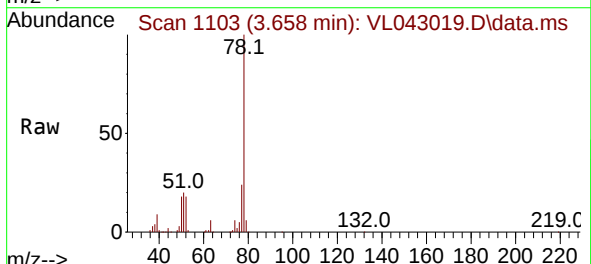


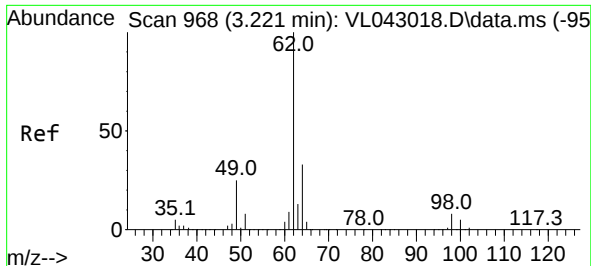
Tgt Ion:117 Resp: 72749
Ion Ratio Lower Upper
117 100
119 92.2 79.1 118.7
121 32.3 24.5 36.7



#36
Benzene
Concen: 2.011 ppbv
RT: 3.658 min Scan# 1103
Delta R.T. -0.000 min
Lab File: VL043019.D
Acq: 30 Sep 2025 09:38

Tgt Ion: 78 Resp: 96787
Ion Ratio Lower Upper
78 100
77 23.8 18.8 28.2
50 17.9 14.5 21.7

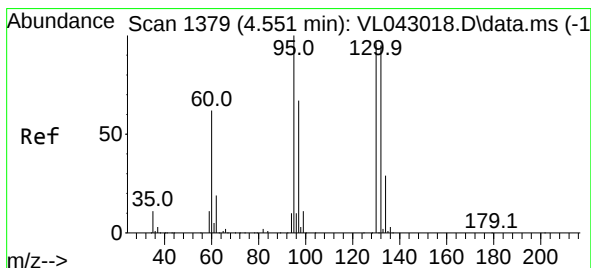
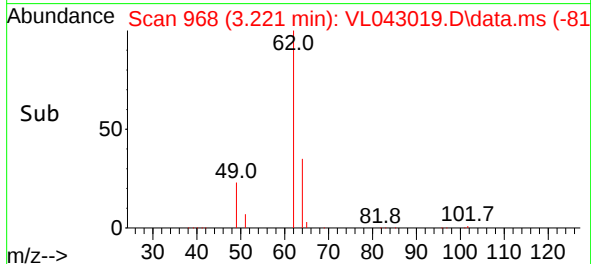
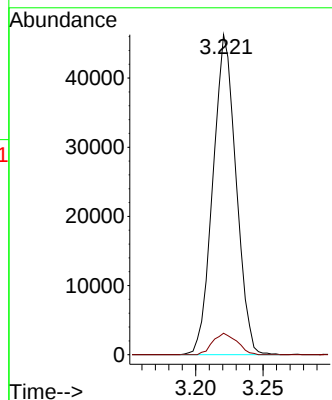
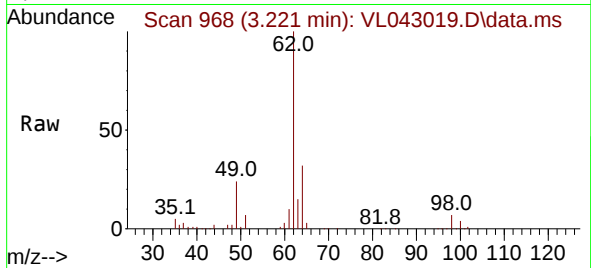




#37
1,2-Dichloroethane
Concen: 2.012 ppbv
RT: 3.221 min Scan# 968
Delta R.T. -0.000 min
Lab File: VL043019.D
Acq: 30 Sep 2025 09:38

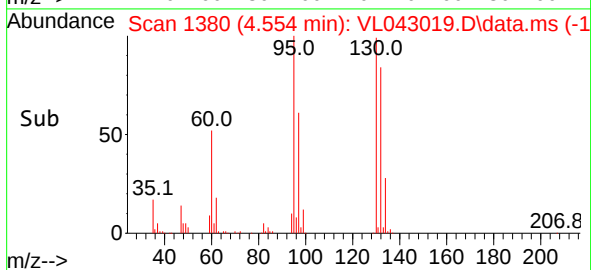
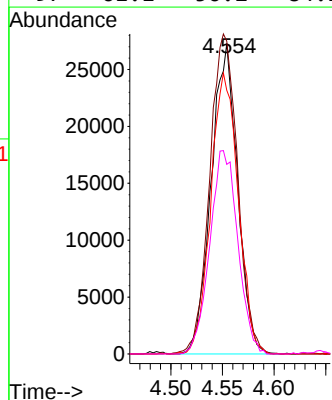
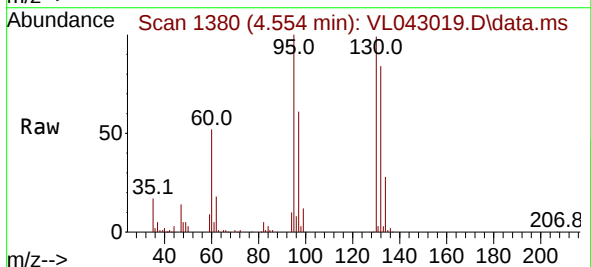
Instrument :
MSVOA_L
ClientSampleId :

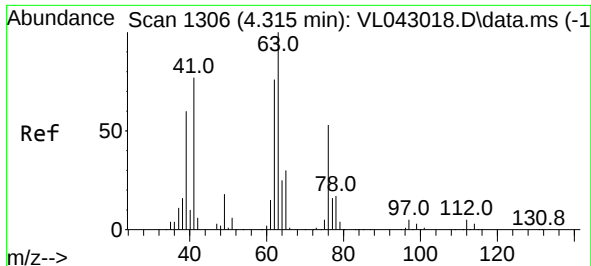
Tgt Ion: 62 Resp: 55324
Ion Ratio Lower Upper
62 100
98 7.0 5.7 8.5



#38
Trichloroethene
Concen: 1.964 ppbv
RT: 4.554 min Scan# 1380
Delta R.T. 0.003 min
Lab File: VL043019.D
Acq: 30 Sep 2025 09:38

Tgt Ion:130 Resp: 48440
Ion Ratio Lower Upper
130 100
95 100.8 83.4 125.0
132 84.9 79.0 118.4
97 61.1 56.2 84.2





#39

1,2-Dichloropropane

Concen: 1.968 ppbv

RT: 4.315 min Scan# 1306

Delta R.T. -0.000 min

Lab File: VL043019.D

Acq: 30 Sep 2025 09:38

Instrument :

MSVOA_L

ClientSampleId :

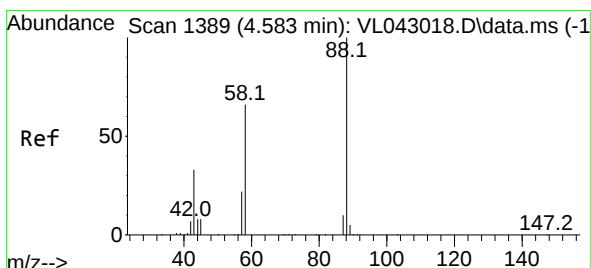
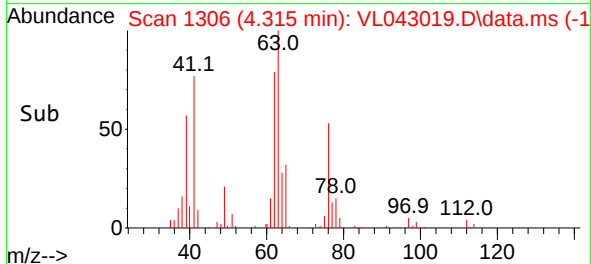
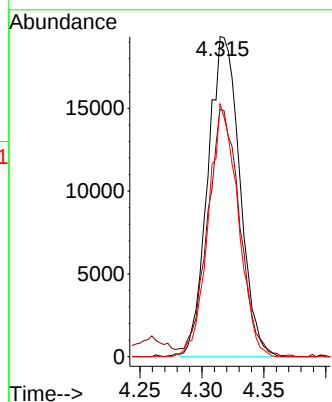
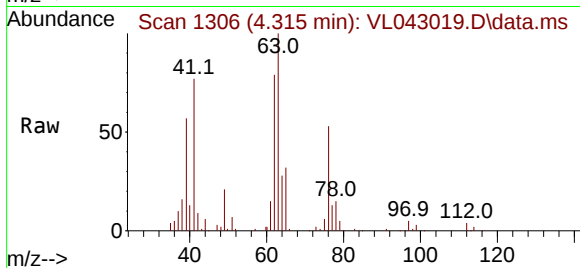
Tgt Ion: 63 Resp: 34783

Ion Ratio Lower Upper

63 100

41 76.9 62.3 93.5

62 79.0 60.5 90.7



#40

1,4-Dioxane

Concen: 0.824 ppbv

RT: 4.590 min Scan# 1391

Delta R.T. 0.006 min

Lab File: VL043019.D

Acq: 30 Sep 2025 09:38

Tgt Ion: 88 Resp: 6174

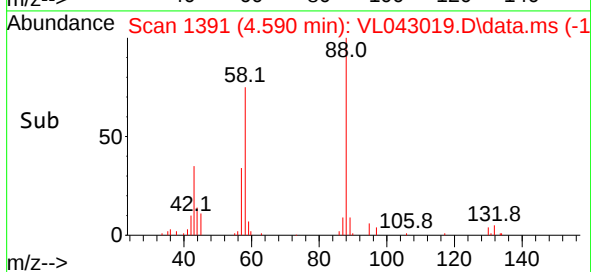
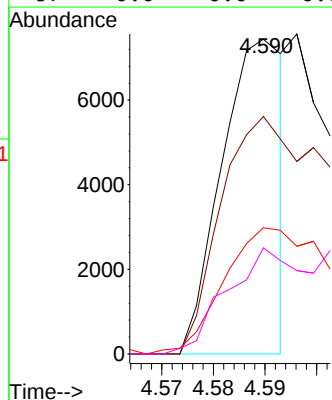
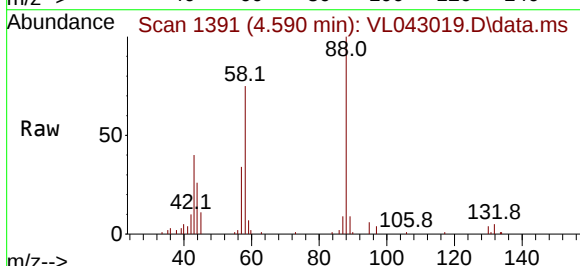
Ion Ratio Lower Upper

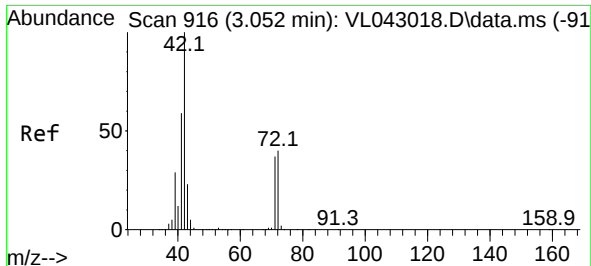
88 100

58 172.1 59.3 88.9#

43 0.0 24.3 36.5#

57 0.0 0.0 0.0

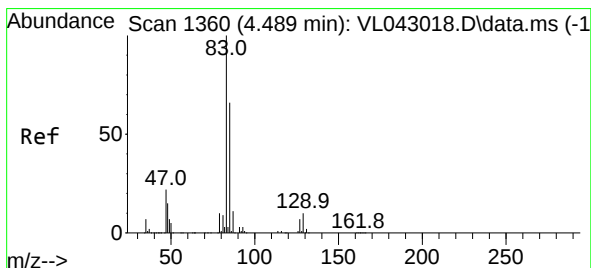
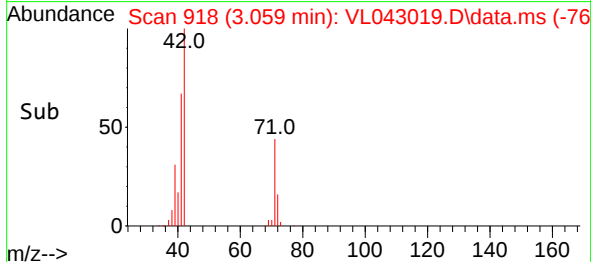
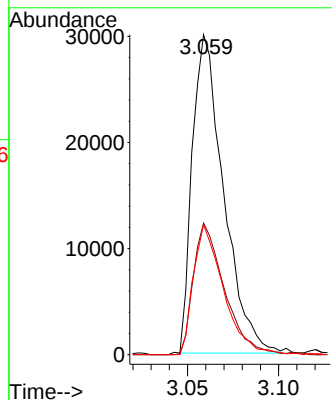
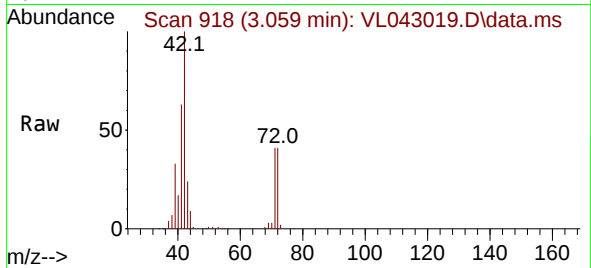




#41
Tetrahydrofuran
Concen: 1.992 ppbv
RT: 3.059 min Scan# 916
Delta R.T. 0.006 min
Lab File: VL043019.D
Acq: 30 Sep 2025 09:38

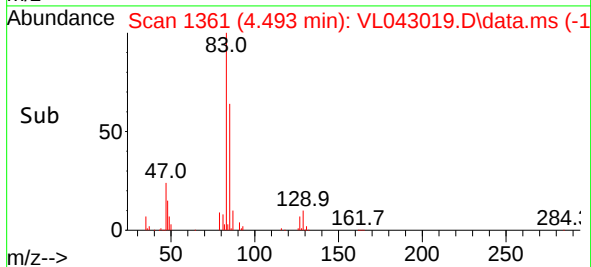
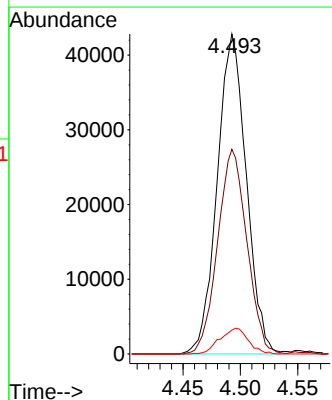
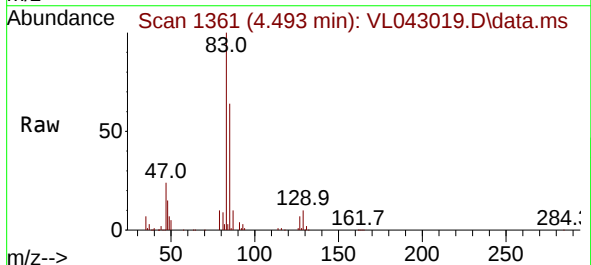
Instrument :
MSVOA_L
ClientSampleId :

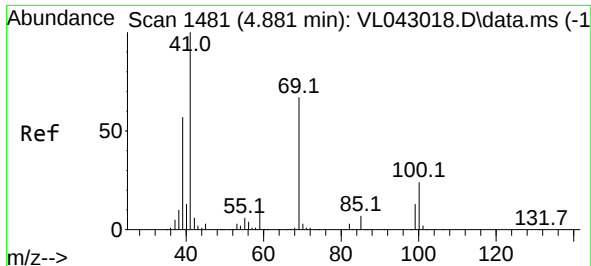
Tgt Ion: 42 Resp: 35867
Ion Ratio Lower Upper
42 100
72 41.1 31.6 47.4
71 39.5 30.4 45.6



#42
Bromodichloromethane
Concen: 1.976 ppbv
RT: 4.493 min Scan# 1361
Delta R.T. 0.003 min
Lab File: VL043019.D
Acq: 30 Sep 2025 09:38

Tgt Ion: 83 Resp: 75477
Ion Ratio Lower Upper
83 100
85 64.0 52.6 78.8
127 7.5 5.7 8.5

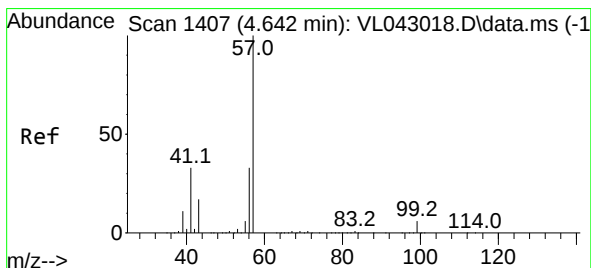
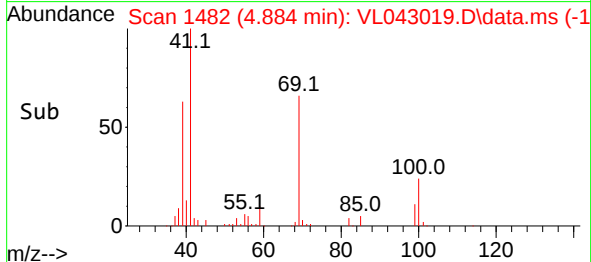
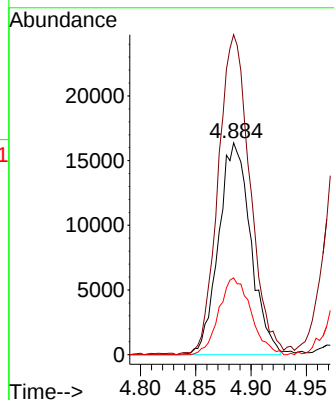
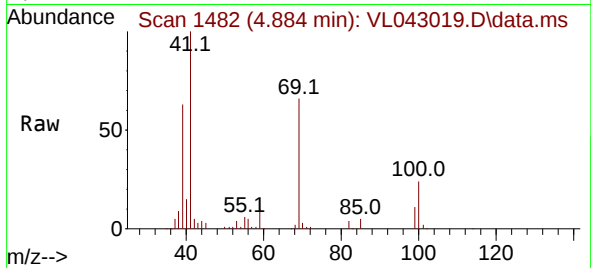




#43
Methyl Methacrylate
Concen: 1.947 ppbv
RT: 4.884 min Scan# 1481
Delta R.T. 0.003 min
Lab File: VL043019.D
Acq: 30 Sep 2025 09:38

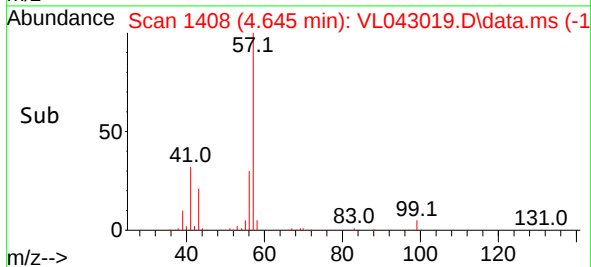
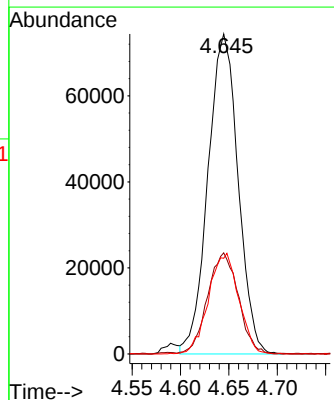
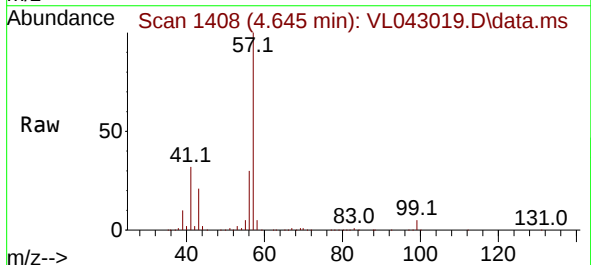
Instrument :
MSVOA_L
ClientSampleId :

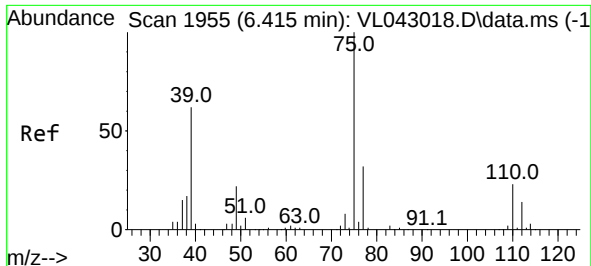
Tgt Ion: 69 Resp: 32929
Ion Ratio Lower Upper
69 100
41 151.3 117.6 176.4
100 36.3 29.0 43.6



#44
2,2,4-Trimethylpentane
Concen: 2.035 ppbv
RT: 4.645 min Scan# 1408
Delta R.T. 0.003 min
Lab File: VL043019.D
Acq: 30 Sep 2025 09:38

Tgt Ion: 57 Resp: 161104
Ion Ratio Lower Upper
57 100
41 32.7 26.2 39.2
56 31.6 25.9 38.9





#45

t-1,3-Dichloropropene

Concen: 0.949 ppbv

RT: 6.422 min Scan# 1955

Delta R.T. 0.006 min

Lab File: VL043019.D

Acq: 30 Sep 2025 09:38

Instrument :

MSVOA_L

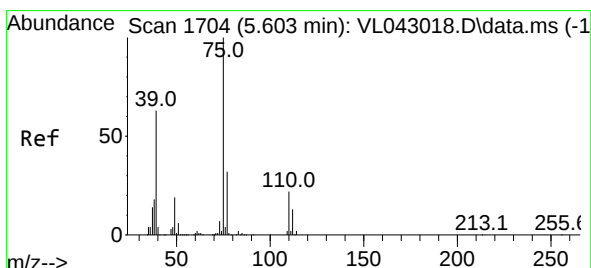
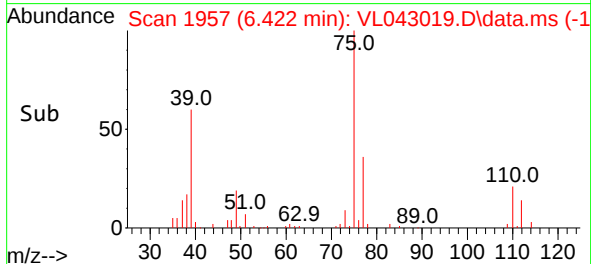
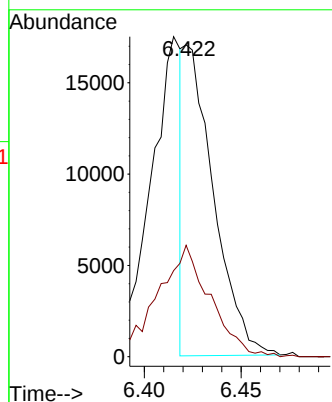
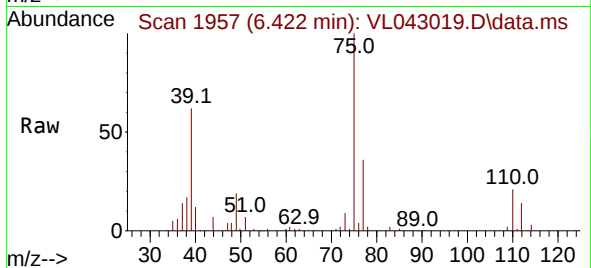
ClientSampleId :

Tgt Ion: 75 Resp: 18246

Ion Ratio Lower Upper

75 100

77 35.7 25.8 38.6



#46

cis-1,3-Dichloropropene

Concen: 1.972 ppbv

RT: 5.606 min Scan# 1705

Delta R.T. 0.003 min

Lab File: VL043019.D

Acq: 30 Sep 2025 09:38

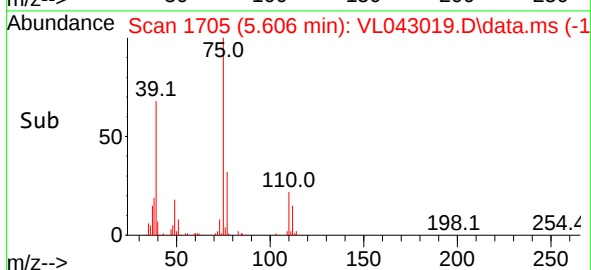
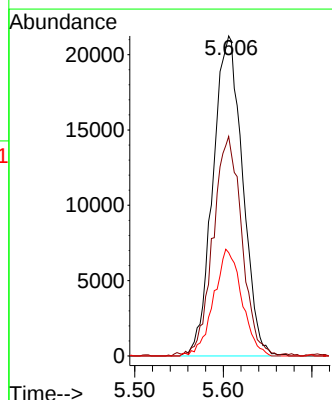
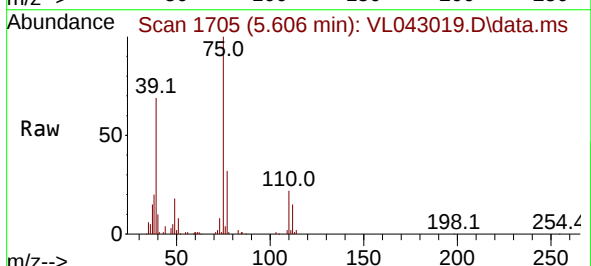
Tgt Ion: 75 Resp: 49451

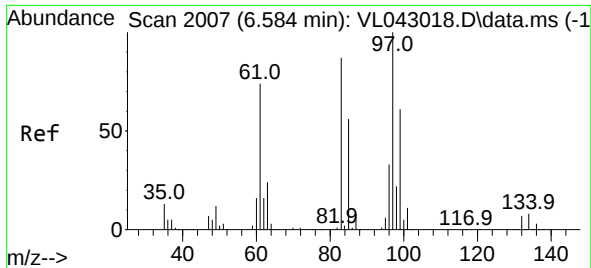
Ion Ratio Lower Upper

75 100

39 68.1 50.2 75.2

77 32.3 25.4 38.0

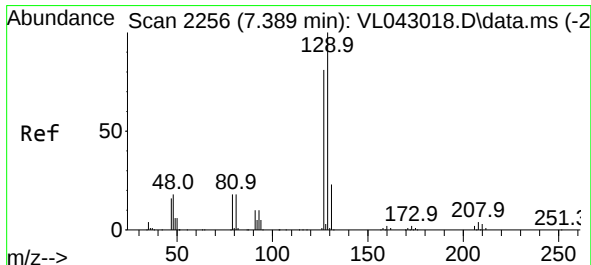
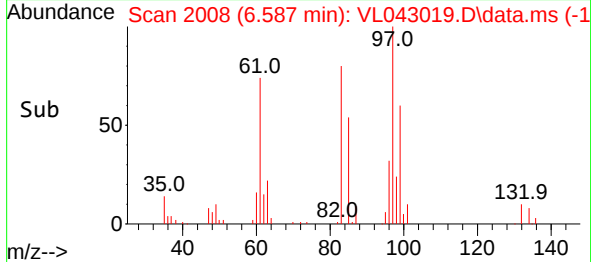
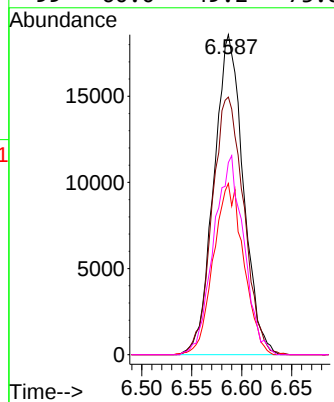
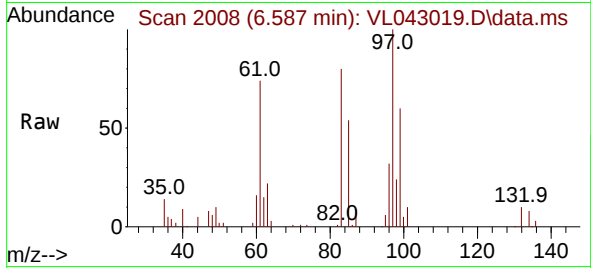




#47
 1,1,2-Trichloroethane
 Concen: 2.029 ppbv
 RT: 6.587 min Scan# 2007
 Delta R.T. 0.003 min
 Lab File: VL043019.D
 Acq: 30 Sep 2025 09:38

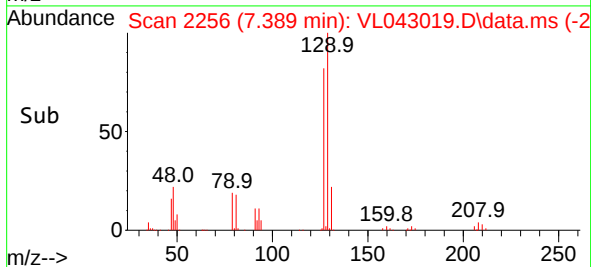
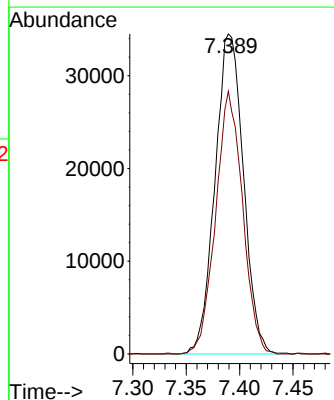
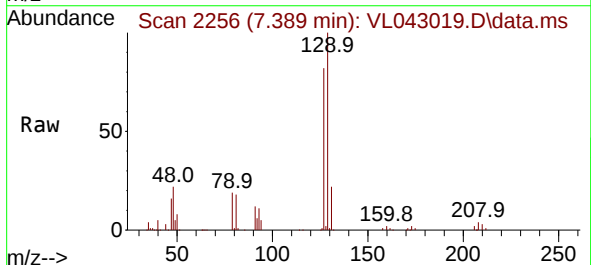
Instrument :
 MSVOA_L
 ClientSampleId :

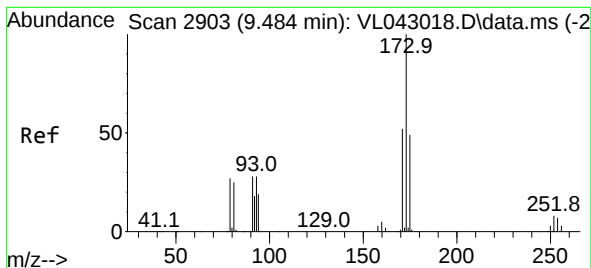
Tgt Ion: 97	Resp: 38043
Ion Ratio	Lower Upper
97 100	
83 80.2	69.6 104.4
85 53.2	44.6 66.8
99 60.0	49.2 73.8



#48
 Dibromochloromethane
 Concen: 1.976 ppbv
 RT: 7.389 min Scan# 2256
 Delta R.T. -0.000 min
 Lab File: VL043019.D
 Acq: 30 Sep 2025 09:38

Tgt Ion:129	Resp: 63863		
Ion	Ratio	Lower	Upper
129	100		
127	77.8	38.6	116.0





#49

Bromoform

Concen: 1.980 ppbv

RT: 9.487 min Scan# 2903

Delta R.T. 0.003 min

Lab File: VL043019.D

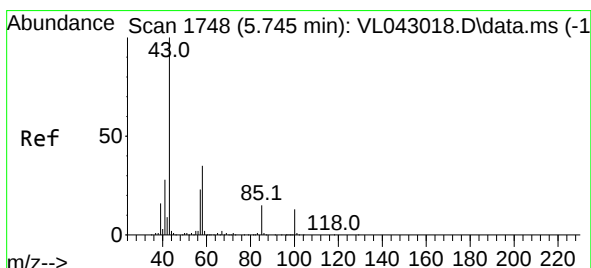
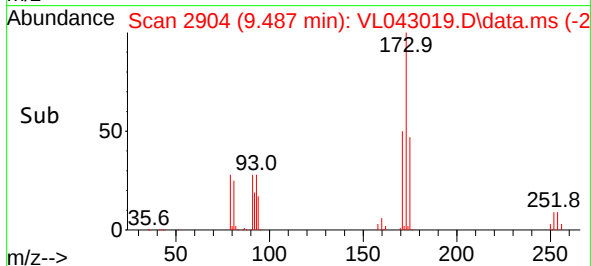
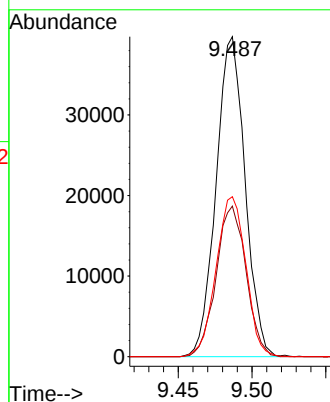
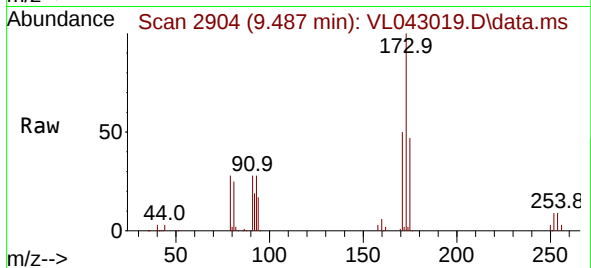
Acq: 30 Sep 2025 09:38

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion:173	Resp:	54296
Ion Ratio	Lower	Upper
173	100	
175	48.6	39.1 58.7
171	51.3	41.4 62.0



#50

4-Methyl-2-Pentanone

Concen: 1.952 ppbv

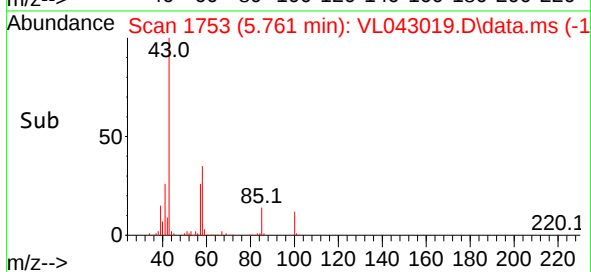
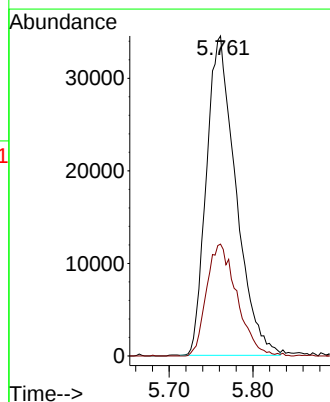
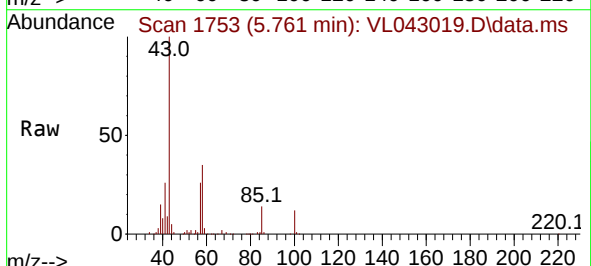
RT: 5.761 min Scan# 1753

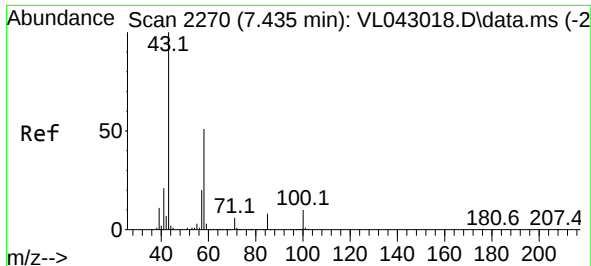
Delta R.T. 0.016 min

Lab File: VL043019.D

Acq: 30 Sep 2025 09:38

Tgt Ion: 43	Resp:	84228
Ion Ratio	Lower	Upper
43	100	
58	36.3	29.4 44.2

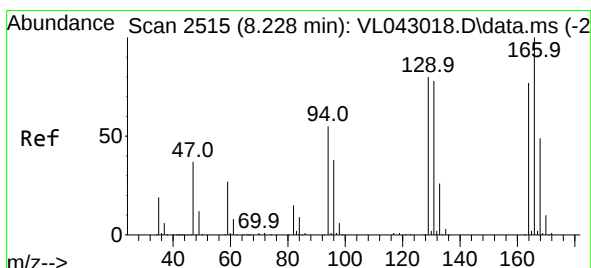
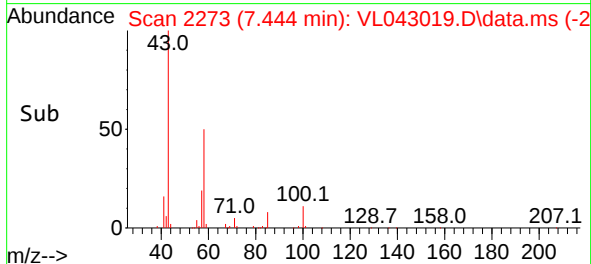
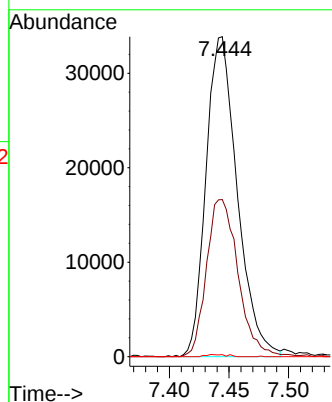
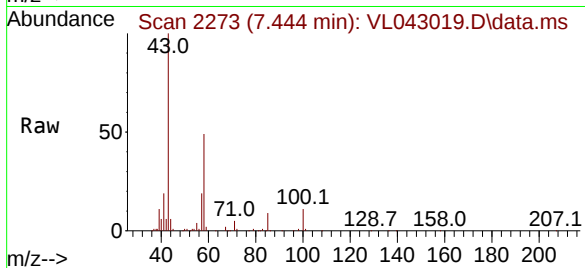




#51
2-Hexanone
Concen: 1.944 ppbv
RT: 7.444 min Scan# 21
Delta R.T. 0.010 min
Lab File: VL043019.D
Acq: 30 Sep 2025 09:38

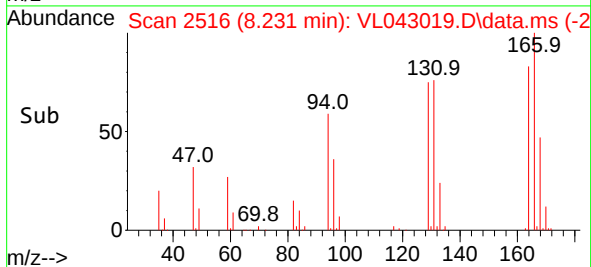
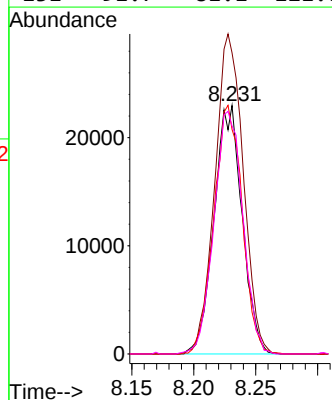
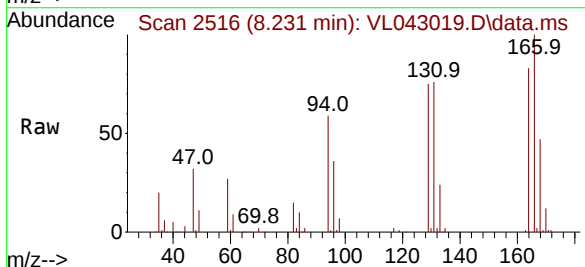
Instrument :
MSVOA_L
ClientSampleId :

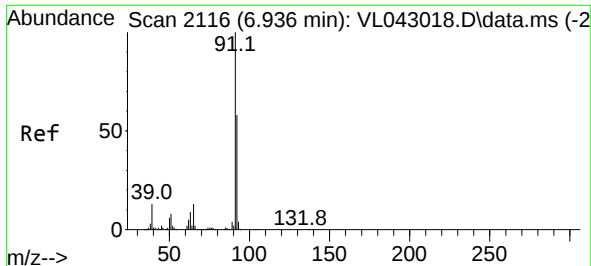
Tgt Ion: 43 Resp: 61792
Ion Ratio Lower Upper
43 100
58 49.8 39.7 59.5
98 0.5 0.2 0.4#



#52
Tetrachloroethene
Concen: 1.895 ppbv
RT: 8.231 min Scan# 2516
Delta R.T. 0.003 min
Lab File: VL043019.D
Acq: 30 Sep 2025 09:38

Tgt Ion: 164 Resp: 36361
Ion Ratio Lower Upper
164 100
166 121.2 103.5 155.3
129 90.3 82.6 124.0
131 91.7 81.1 121.7

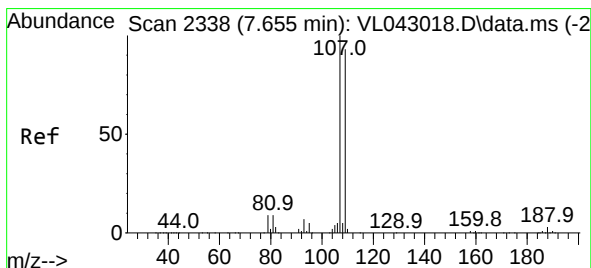
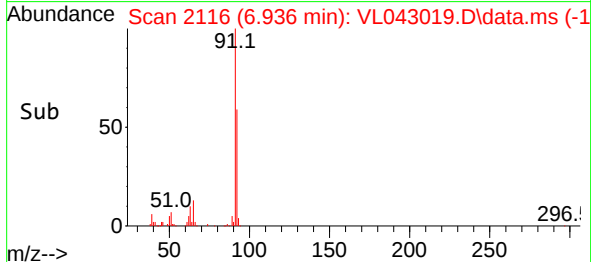
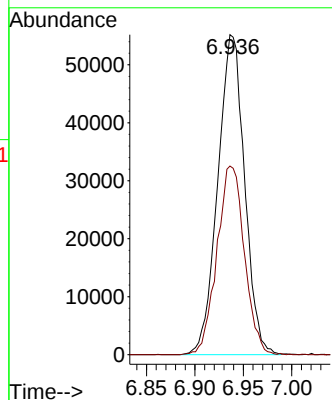
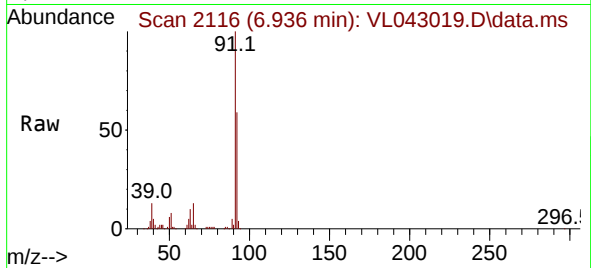




#53
Toluene
Concen: 1.980 ppbv
RT: 6.936 min Scan# 2116
Delta R.T. -0.000 min
Lab File: VL043019.D
Acq: 30 Sep 2025 09:38

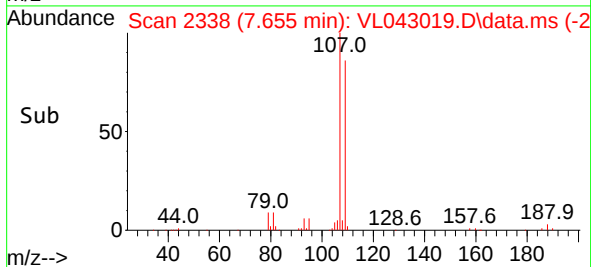
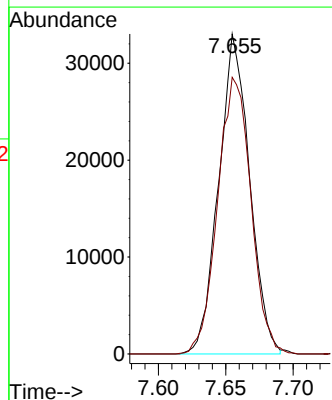
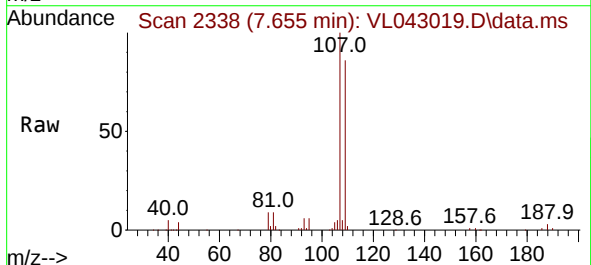
Instrument :
MSVOA_L
ClientSampleId :

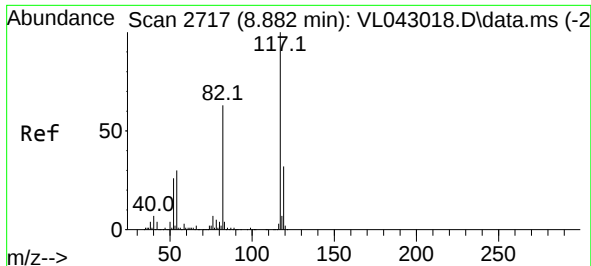
Tgt Ion: 91 Resp: 106255
Ion Ratio Lower Upper
91 100
92 60.4 47.7 71.5



#54
1,2-Dibromoethane
Concen: 2.015 ppbv
RT: 7.655 min Scan# 2338
Delta R.T. -0.000 min
Lab File: VL043019.D
Acq: 30 Sep 2025 09:38

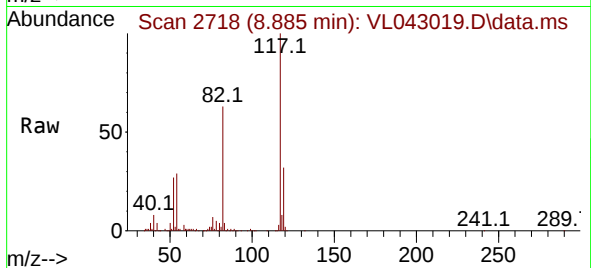
Tgt Ion: 107 Resp: 52700
Ion Ratio Lower Upper
107 100
109 86.2 74.6 111.8



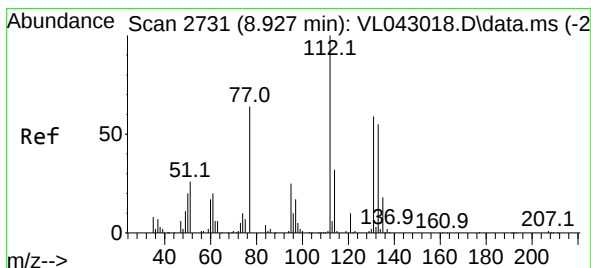
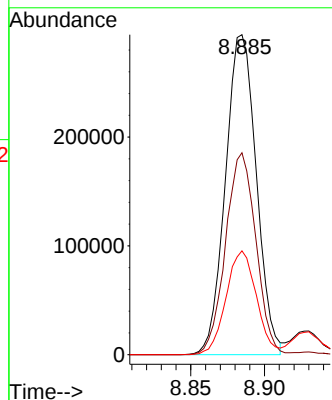
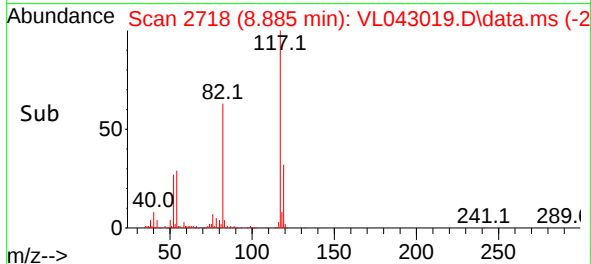


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.885 min Scan# 2717
Delta R.T. 0.003 min
Lab File: VL043019.D
Acq: 30 Sep 2025 09:38

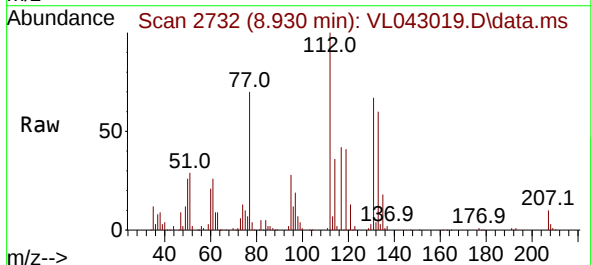
Instrument :
MSVOA_L
ClientSampleId :



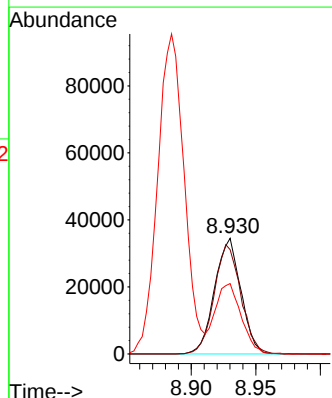
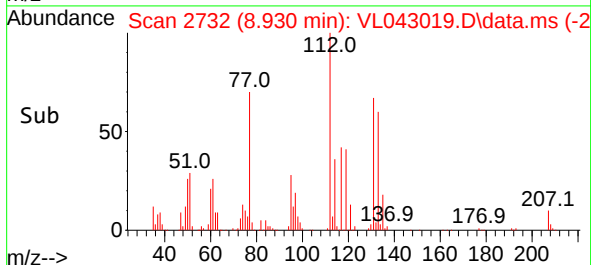
Tgt Ion:117 Resp: 428646
Ion Ratio Lower Upper
117 100
82 62.8 52.6 78.8
119 32.3 26.4 39.6

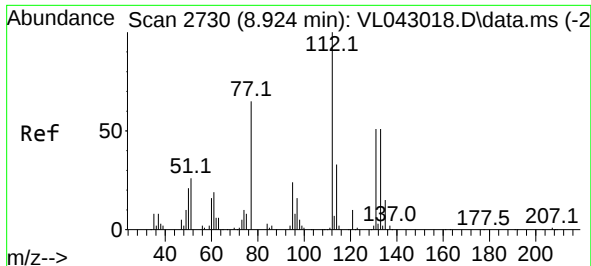


#56
1,1,1,2-Tetrachloroethane
Concen: 2.007 ppbv
RT: 8.930 min Scan# 2732
Delta R.T. 0.003 min
Lab File: VL043019.D
Acq: 30 Sep 2025 09:38



Tgt Ion:131 Resp: 48760
Ion Ratio Lower Upper
131 100
133 96.2 76.6 114.8
119 57.7 48.8 73.2

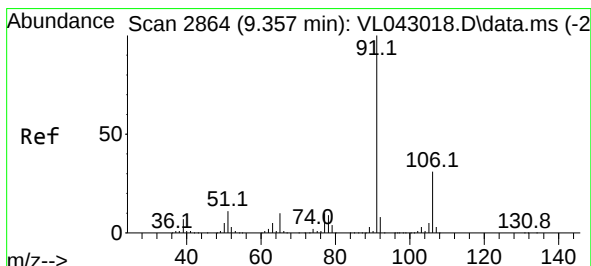
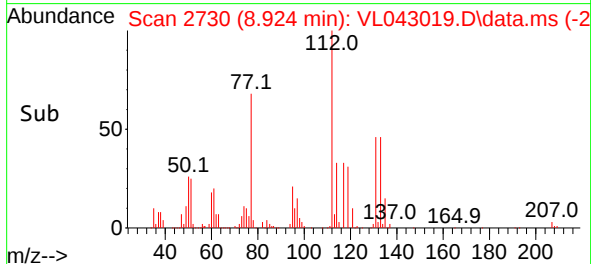
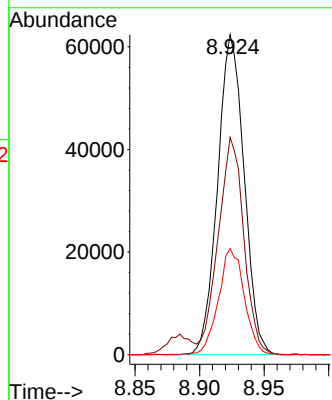
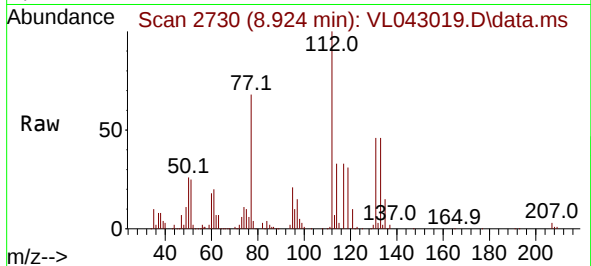




#57
Chlorobenzene
Concen: 2.012 ppbv
RT: 8.924 min Scan# 21
Delta R.T. -0.000 min
Lab File: VL043019.D
Acq: 30 Sep 2025 09:38

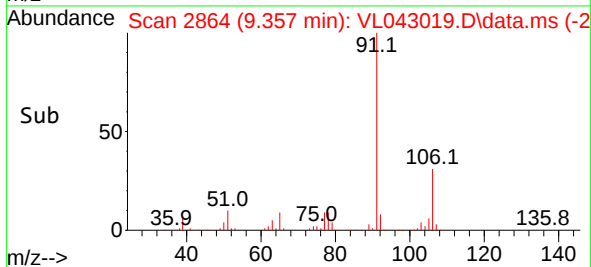
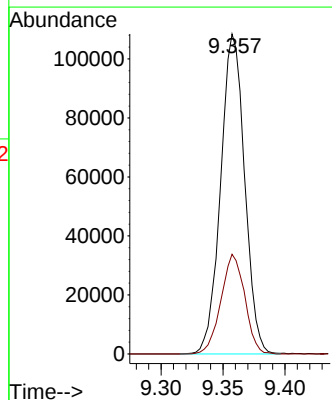
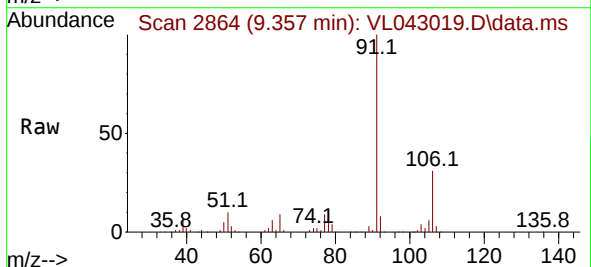
Instrument :
MSVOA_L
ClientSampleId :

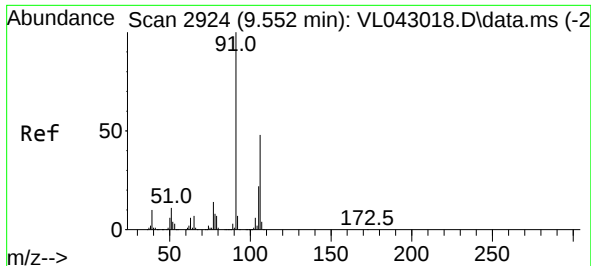
Tgt Ion:112 Resp: 88915
Ion Ratio Lower Upper
112 100
77 67.8 52.7 79.1
114 33.1 29.5 36.1



#58
Ethyl Benzene
Concen: 2.015 ppbv
RT: 9.357 min Scan# 2864
Delta R.T. -0.000 min
Lab File: VL043019.D
Acq: 30 Sep 2025 09:38

Tgt Ion: 91 Resp: 146404
Ion Ratio Lower Upper
91 100
106 31.1 24.8 37.2





#59

m/p-Xylene

Concen: 2.181 ppbv

RT: 9.555 min Scan# 2924

Delta R.T. 0.003 min

Lab File: VL043019.D

Acq: 30 Sep 2025 09:38

Instrument :

MSVOA_L

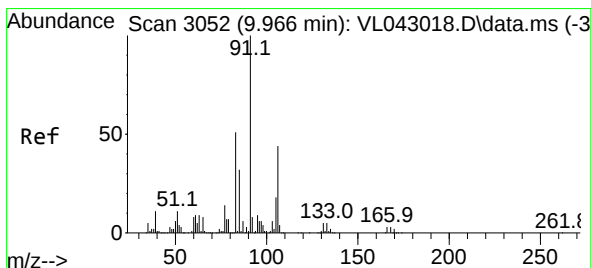
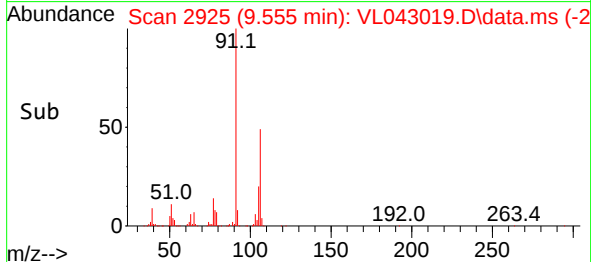
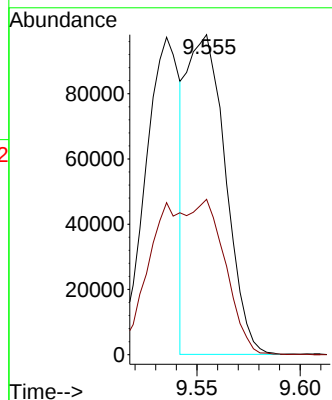
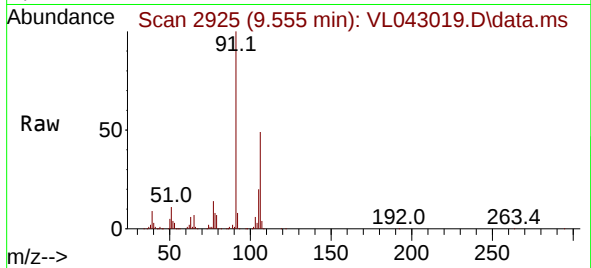
ClientSampleId :

Tgt Ion: 91 Resp: 127509

Ion Ratio Lower Upper

91 100

106 89.7 38.1 57.1#



#60

o-Xylene

Concen: 2.068 ppbv

RT: 9.966 min Scan# 3052

Delta R.T. -0.000 min

Lab File: VL043019.D

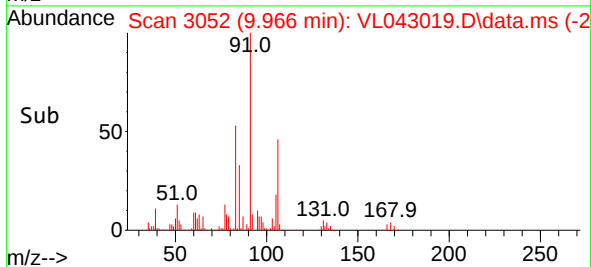
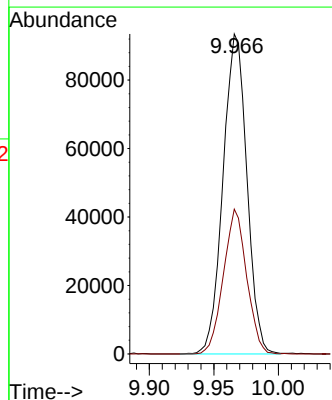
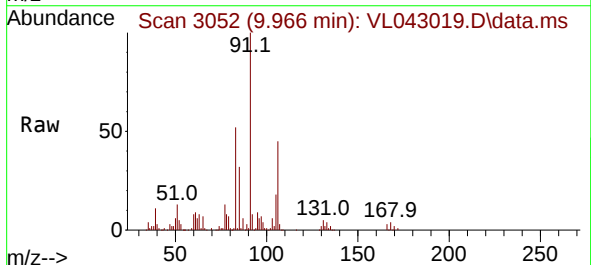
Acq: 30 Sep 2025 09:38

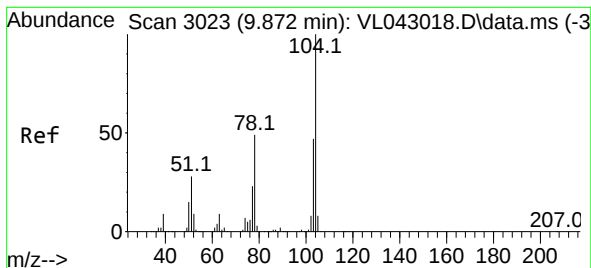
Tgt Ion: 91 Resp: 120173

Ion Ratio Lower Upper

91 100

106 44.1 22.2 66.6





#61

Styrene

Concen: 1.907 ppbv

RT: 9.875 min Scan# 3023

Delta R.T. 0.003 min

Lab File: VL043019.D

Acq: 30 Sep 2025 09:38

Instrument :

MSVOA_L

ClientSampleId :

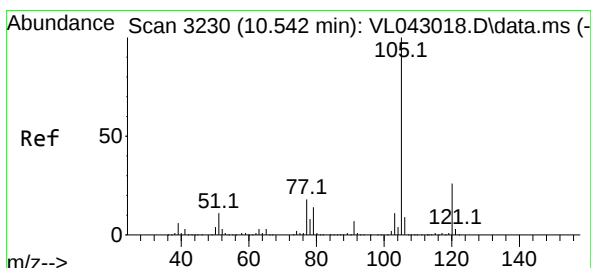
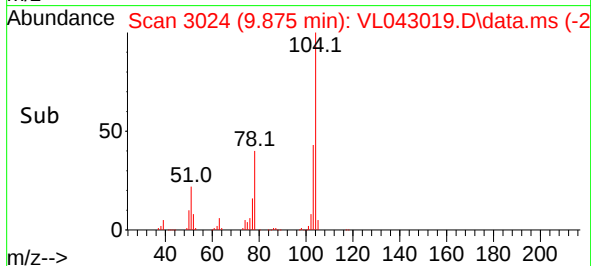
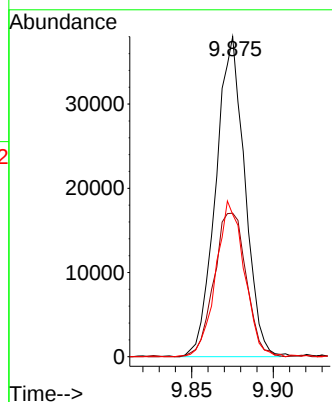
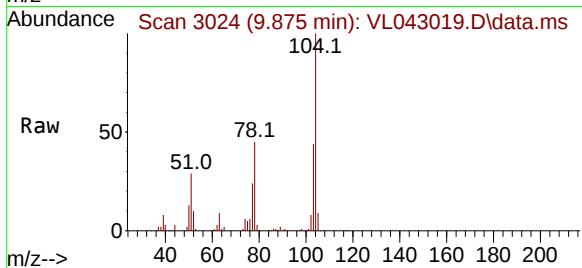
Tgt Ion:104 Resp: 46897

Ion Ratio Lower Upper

104 100

78 50.4 39.0 58.4

103 48.1 37.4 56.2



#62

Isopropylbenzene

Concen: 2.034 ppbv

RT: 10.542 min Scan# 3230

Delta R.T. -0.000 min

Lab File: VL043019.D

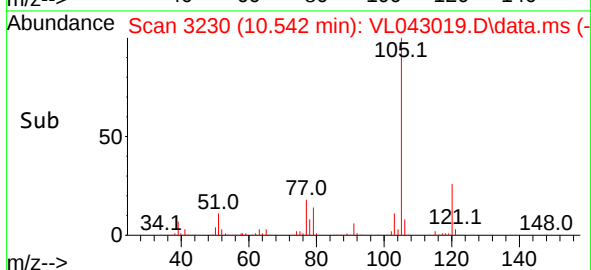
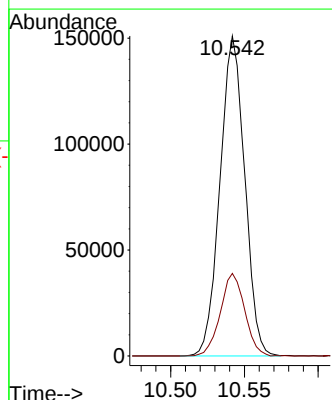
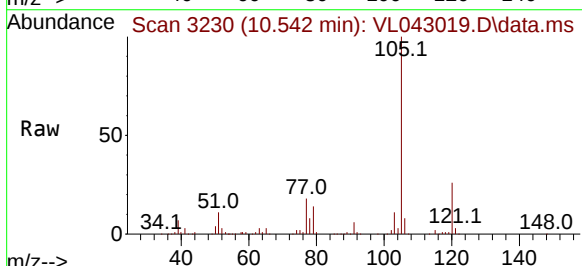
Acq: 30 Sep 2025 09:38

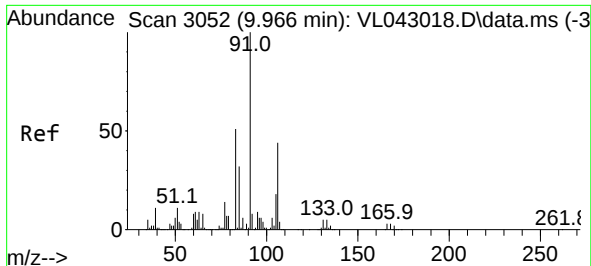
Tgt Ion:105 Resp: 175973

Ion Ratio Lower Upper

105 100

120 25.4 20.7 31.1

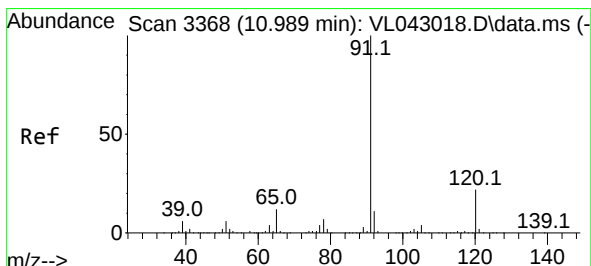
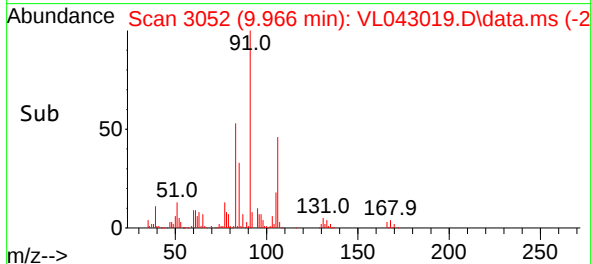
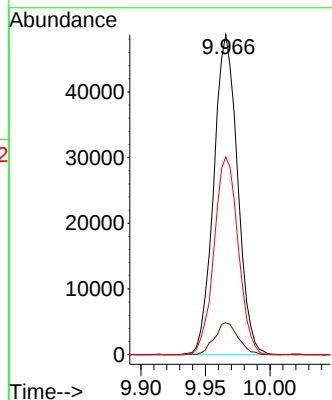
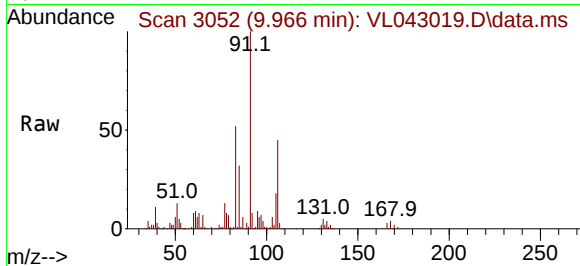




#63
 1,1,2,2-Tetrachloroethane
 Concen: 2.007 ppbv
 RT: 9.966 min Scan# 3052
 Delta R.T. -0.000 min
 Lab File: VL043019.D
 Acq: 30 Sep 2025 09:38

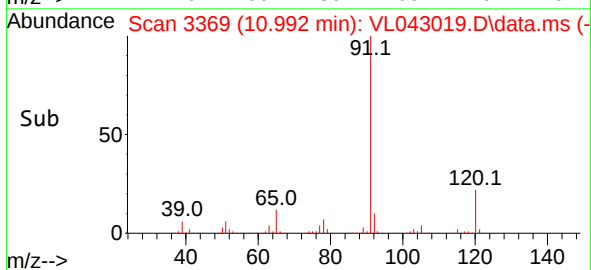
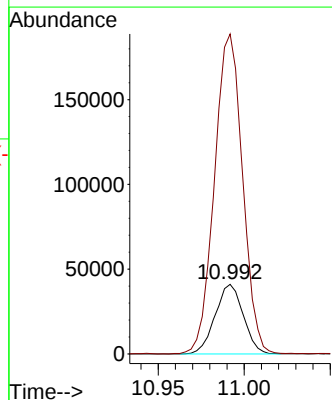
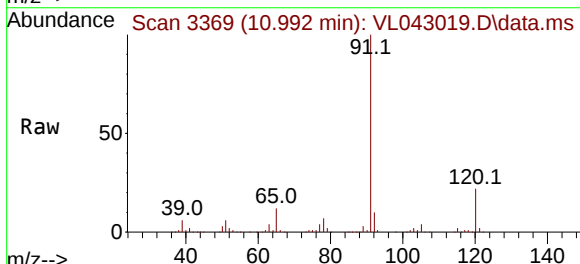
Instrument :
 MSVOA_L
 ClientSampleId :

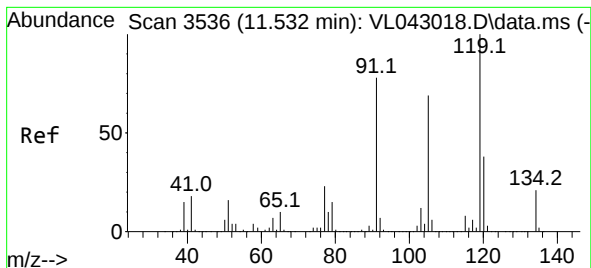
Tgt Ion	Ratio	Lower	Upper
83	100		
131	10.0	5.0	14.9
85	62.6	32.2	96.6



#64
 n-propylbenzene
 Concen: 2.068 ppbv
 RT: 10.992 min Scan# 3369
 Delta R.T. 0.003 min
 Lab File: VL043019.D
 Acq: 30 Sep 2025 09:38

Tgt Ion	Ratio	Lower	Upper
120	100		
91	461.6	365.6	548.4





#65

tert-Butylbenzene

Concen: 2.102 ppbv

RT: 11.532 min Scan# 3536

Delta R.T. -0.000 min

Lab File: VL043019.D

Acq: 30 Sep 2025 09:38

Instrument :

MSVOA_L

ClientSampleId :

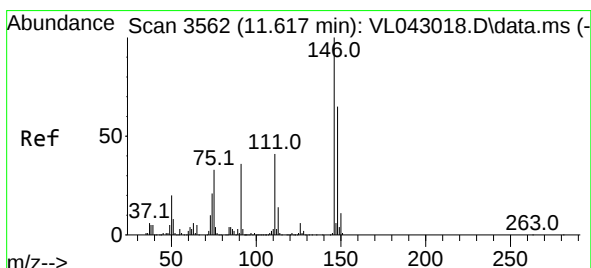
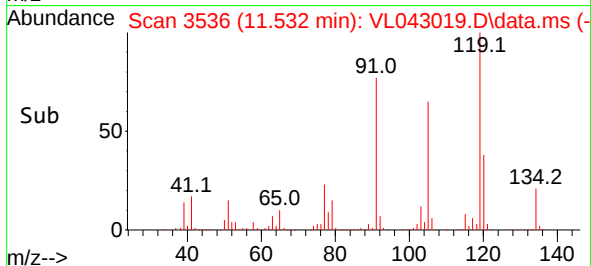
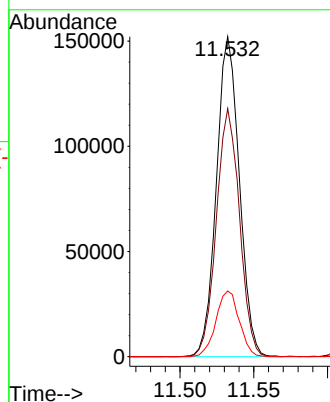
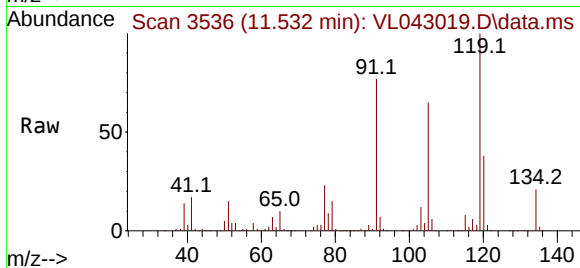
Tgt Ion:119 Resp: 164700

Ion Ratio Lower Upper

119 100

91 78.2 62.6 93.8

134 20.8 16.7 25.1



#66

Benzyl Chloride

Concen: 1.861 ppbv

RT: 11.616 min Scan# 3562

Delta R.T. -0.000 min

Lab File: VL043019.D

Acq: 30 Sep 2025 09:38

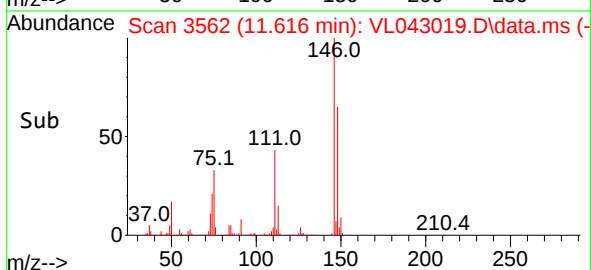
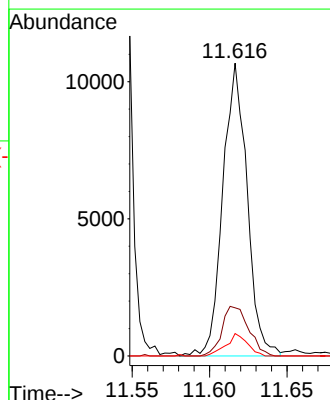
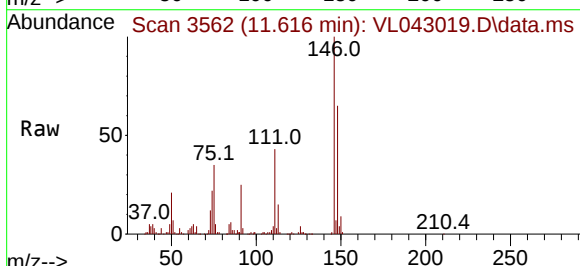
Tgt Ion: 91 Resp: 11629

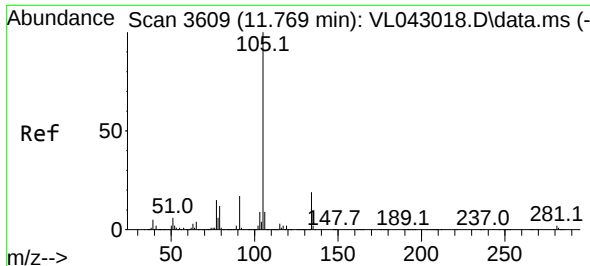
Ion Ratio Lower Upper

91 100

126 18.6 14.1 21.1

128 6.7 4.9 7.3

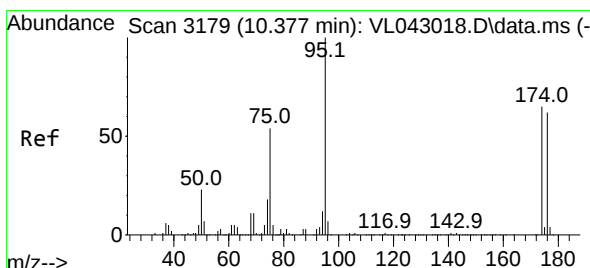
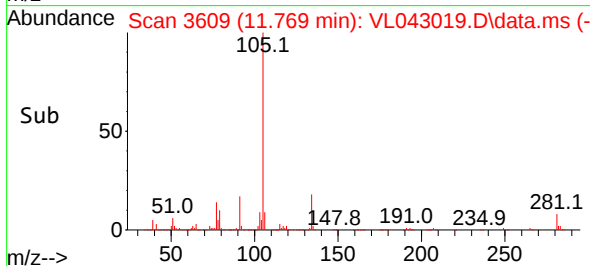
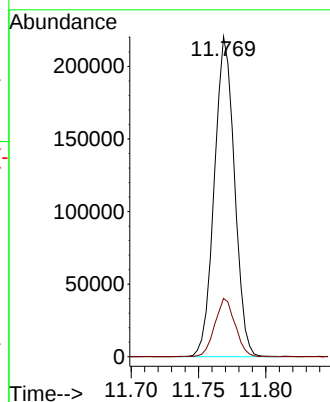
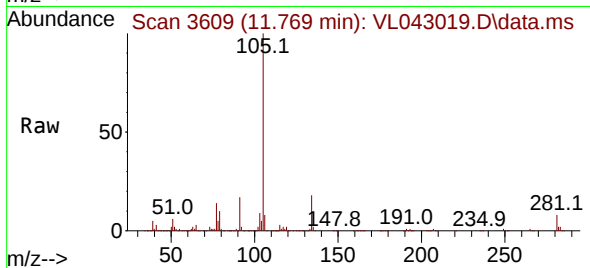




#67
 sec-Butylbenzene
 Concen: 2.100 ppbv
 RT: 11.769 min Scan# 3180
 Delta R.T. -0.000 min
 Lab File: VL043019.D
 Acq: 30 Sep 2025 09:38

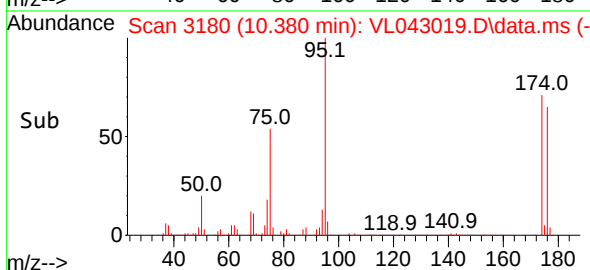
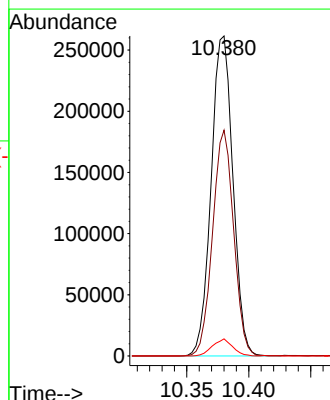
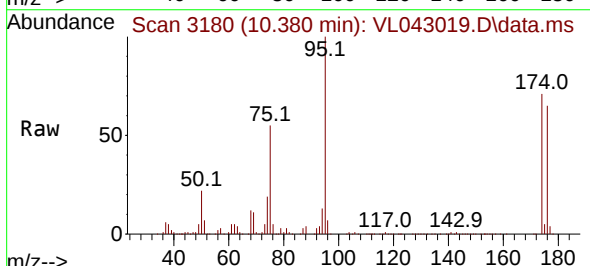
Instrument :
 MSVOA_L
 ClientSampleId :

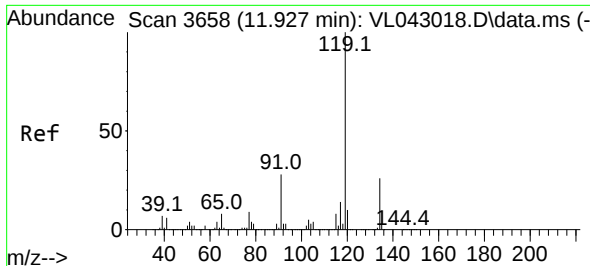
Tgt Ion:105 Resp: 229465
 Ion Ratio Lower Upper
 105 100
 134 18.3 15.4 23.2



#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.868 ppbv
 RT: 10.380 min Scan# 3180
 Delta R.T. 0.003 min
 Lab File: VL043019.D
 Acq: 30 Sep 2025 09:38

Tgt Ion: 95 Resp: 320421
 Ion Ratio Lower Upper
 95 100
 174 68.3 53.4 80.2
 175 4.9 3.8 5.8

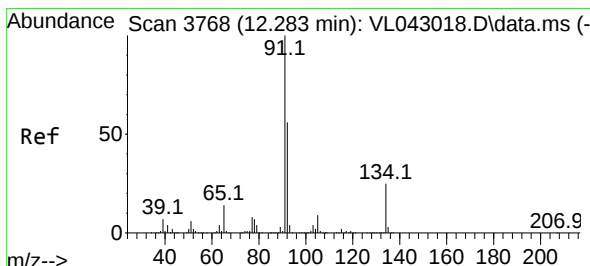
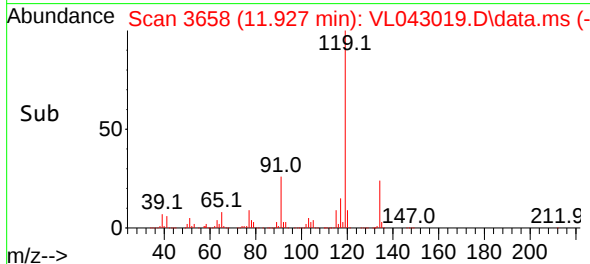
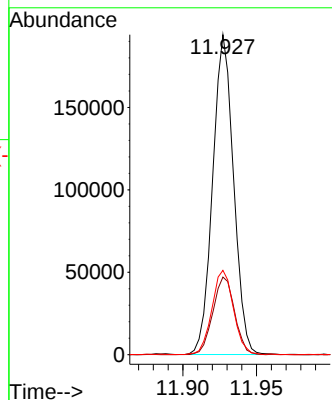
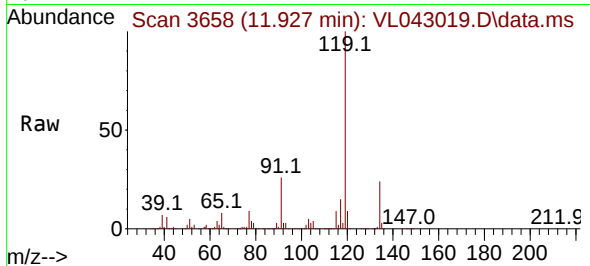




#69
p-Isopropyltoluene
Concen: 2.097 ppbv
RT: 11.927 min Scan# 3658
Delta R.T. -0.000 min
Lab File: VL043019.D
Acq: 30 Sep 2025 09:38

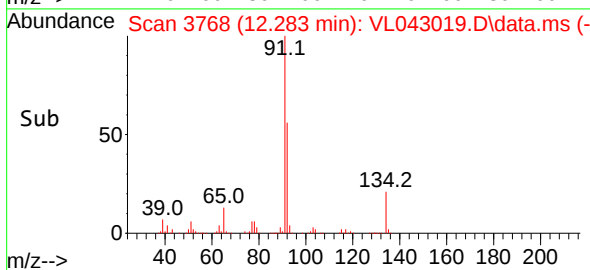
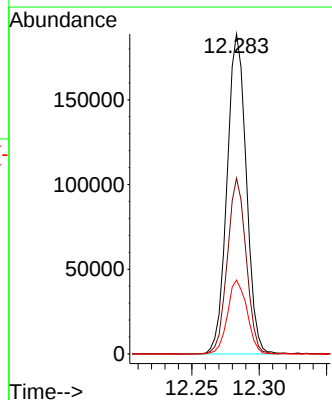
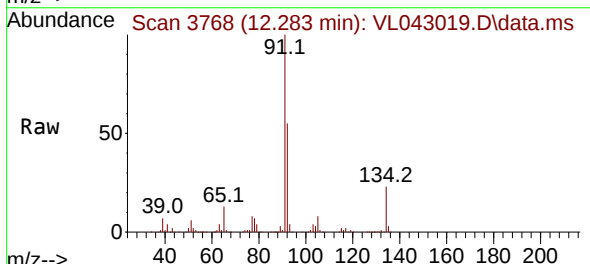
Instrument :
MSVOA_L
ClientSampleId :

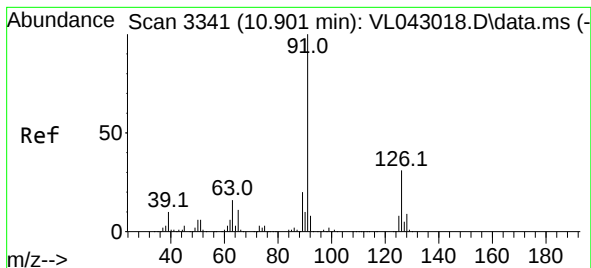
Tgt Ion:119 Resp: 190819
Ion Ratio Lower Upper
119 100
134 25.3 20.3 30.5
91 27.3 22.1 33.1



#70
n-Butylbenzene
Concen: 2.134 ppbv
RT: 12.283 min Scan# 3768
Delta R.T. -0.000 min
Lab File: VL043019.D
Acq: 30 Sep 2025 09:38

Tgt Ion: 91 Resp: 187543
Ion Ratio Lower Upper
91 100
92 53.6 44.2 66.4
134 23.5 19.5 29.3





#71

2-Chlorotoluene

Concen: 2.041 ppbv

RT: 10.904 min Scan# 31

Delta R.T. 0.003 min

Lab File: VL043019.D

Acq: 30 Sep 2025 09:38

Instrument :

MSVOA_L

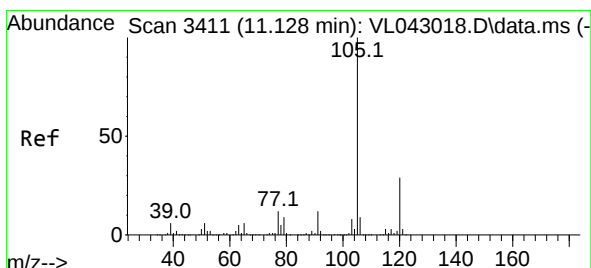
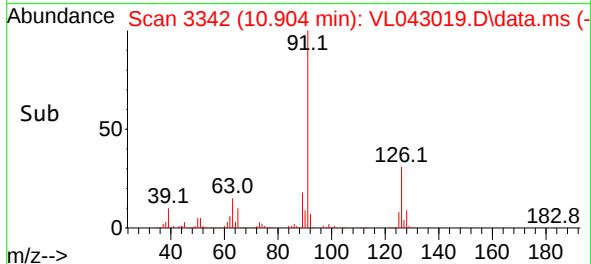
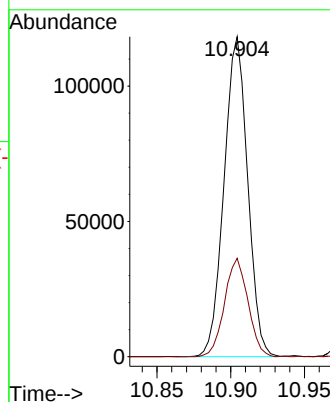
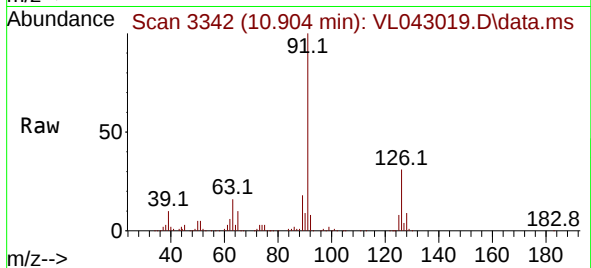
ClientSampleId :

Tgt Ion: 91 Resp: 131720

Ion Ratio Lower Upper

91 100

126 30.5 12.3 49.3



#72

4-Ethyltoluene

Concen: 2.054 ppbv

RT: 11.128 min Scan# 3411

Delta R.T. -0.000 min

Lab File: VL043019.D

Acq: 30 Sep 2025 09:38

Tgt Ion:105 Resp: 146794

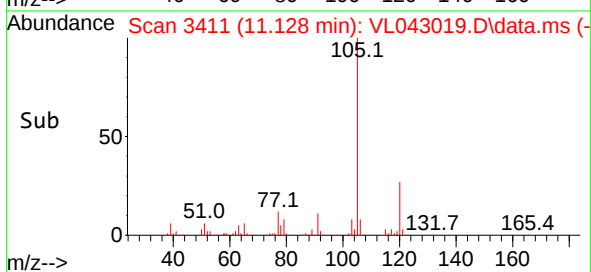
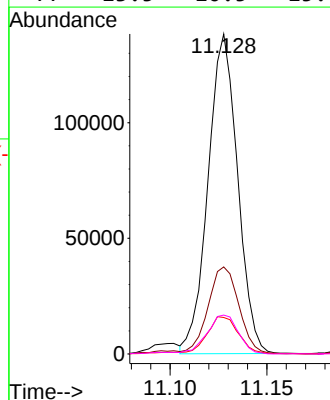
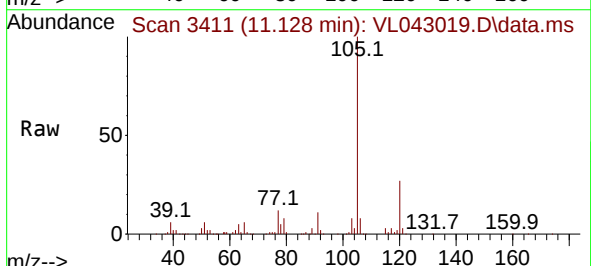
Ion Ratio Lower Upper

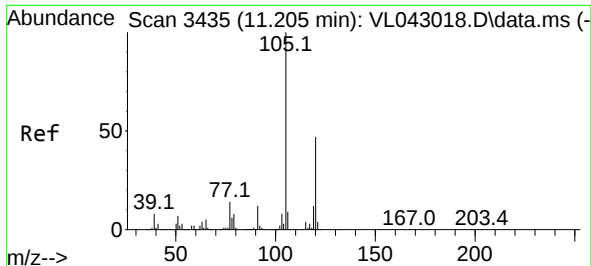
105 100

120 29.5 23.6 35.4

91 13.1 10.0 15.0

77 13.5 10.5 15.7

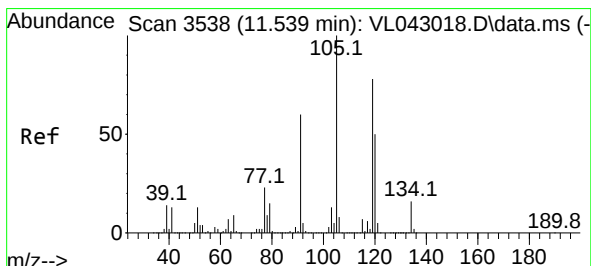
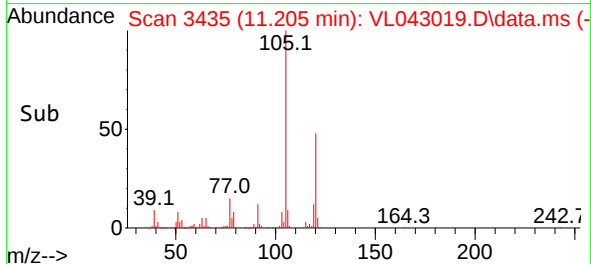
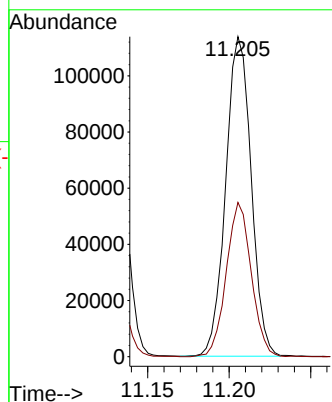
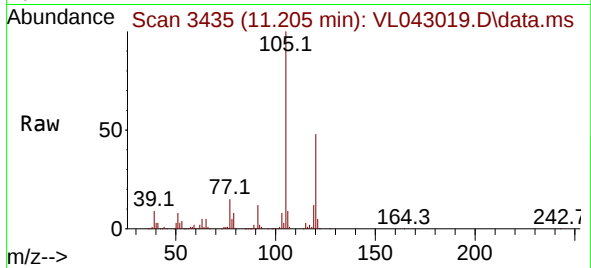




#73
1,3,5-Trimethylbenzene
Concen: 2.048 ppbv
RT: 11.205 min Scan# 3435
Delta R.T. -0.000 min
Lab File: VL043019.D
Acq: 30 Sep 2025 09:38

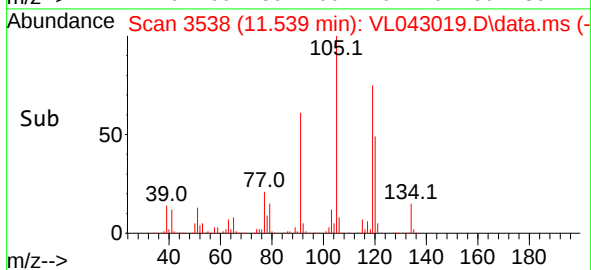
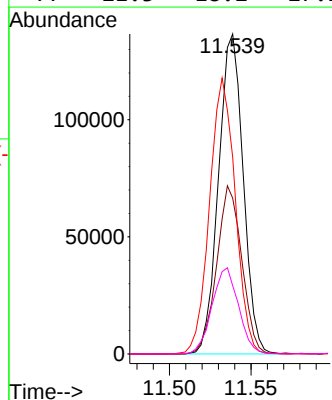
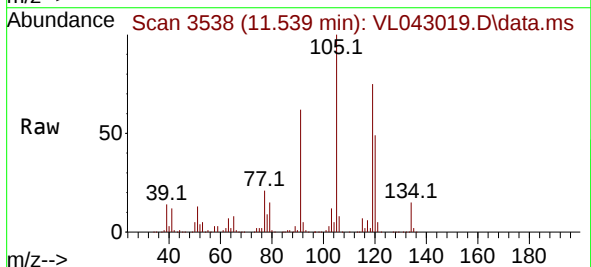
Instrument :
MSVOA_L
ClientSampleId :

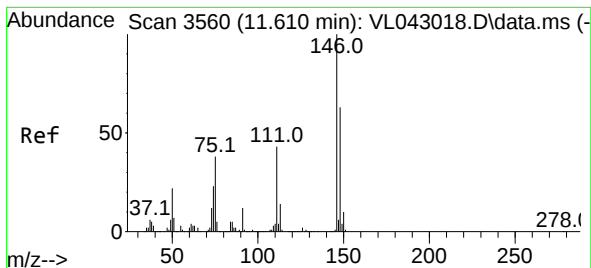
Tgt Ion:105 Resp: 123402
Ion Ratio Lower Upper
105 100
120 48.3 37.4 56.2



#74
1,2,4-Trimethylbenzene
Concen: 2.112 ppbv
RT: 11.539 min Scan# 3538
Delta R.T. -0.000 min
Lab File: VL043019.D
Acq: 30 Sep 2025 09:38

Tgt Ion:105 Resp: 143706
Ion Ratio Lower Upper
105 100
120 48.7 40.3 60.5
91 61.5 47.7 71.5
77 21.3 18.2 27.2





#75

1,3-Dichlorobenzene

Concen: 2.053 ppbv

RT: 11.610 min Scan# 3560

Delta R.T. -0.000 min

Lab File: VL043019.D

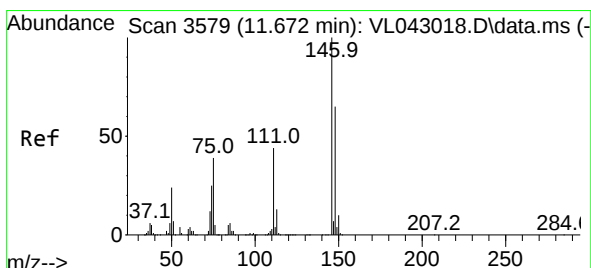
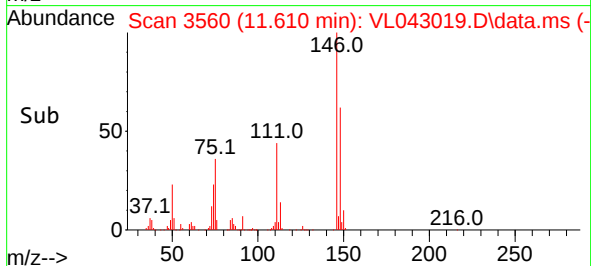
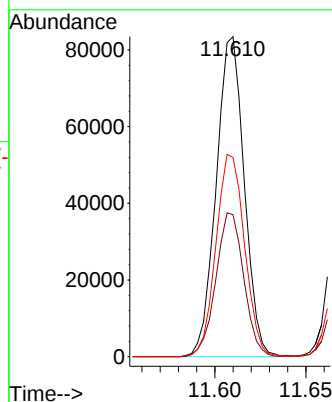
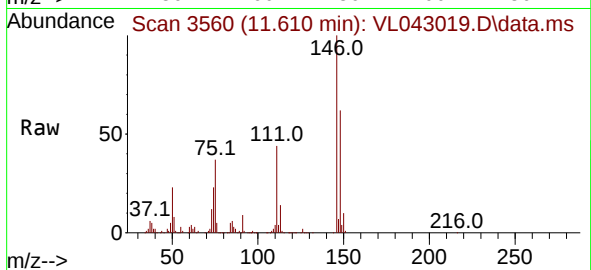
Acq: 30 Sep 2025 09:38

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion:146	Resp:	89223
Ion Ratio	Lower	Upper
146	100	
111	44.7	22.0 66.0
148	64.6	31.9 95.7



#76

1,4-Dichlorobenzene

Concen: 2.053 ppbv

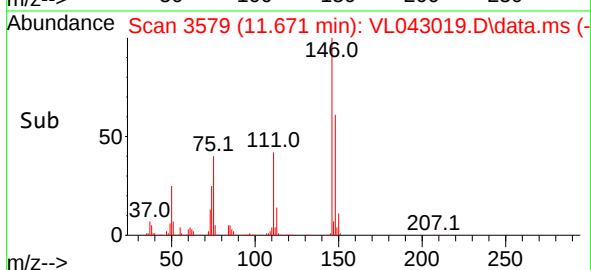
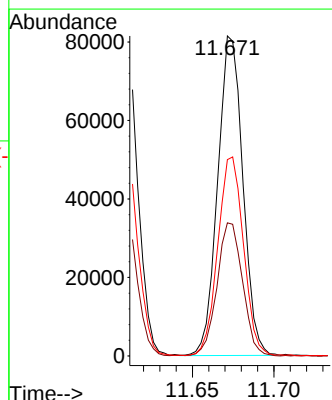
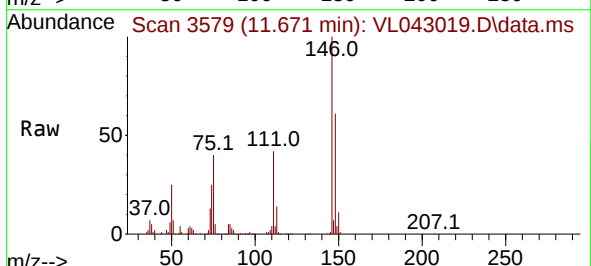
RT: 11.671 min Scan# 3579

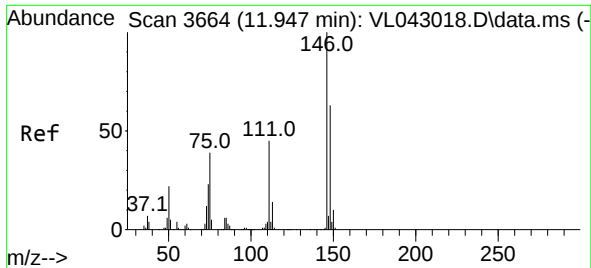
Delta R.T. -0.000 min

Lab File: VL043019.D

Acq: 30 Sep 2025 09:38

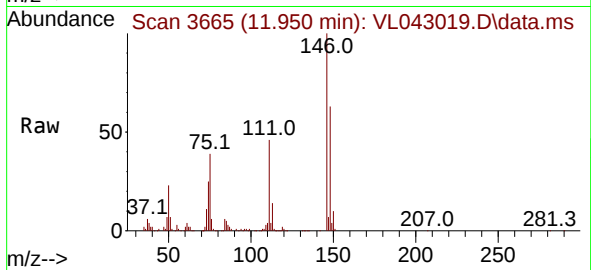
Tgt Ion:146	Resp:	87198
Ion Ratio	Lower	Upper
146	100	
111	42.4	21.9 65.5
148	64.2	32.4 97.2



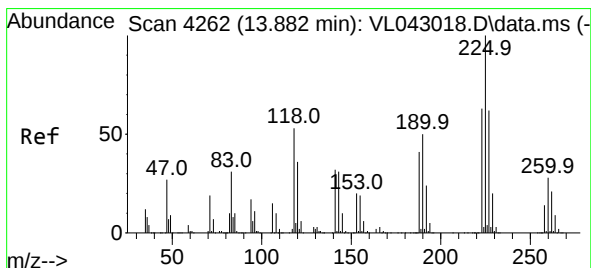
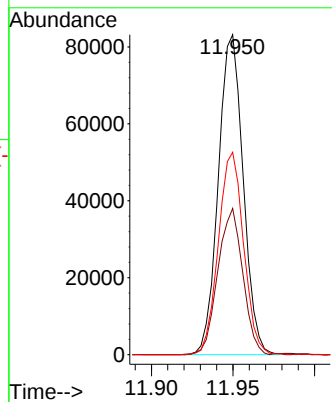
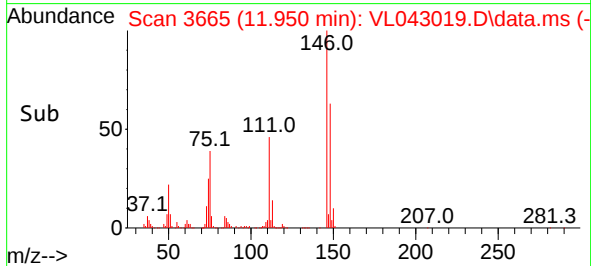


#77
1,2-Dichlorobenzene
Concen: 2.076 ppbv
RT: 11.950 min Scan# 3665
Delta R.T. 0.003 min
Lab File: VL043019.D
Acq: 30 Sep 2025 09:38

Instrument :
MSVOA_L
ClientSampleId :

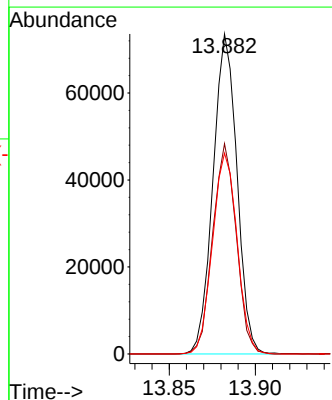
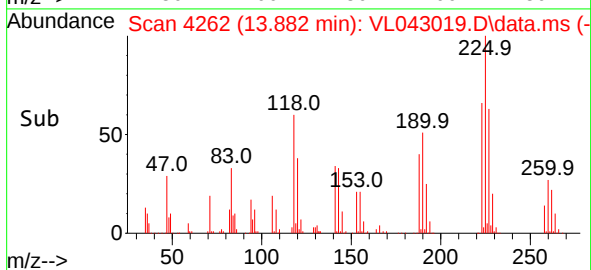
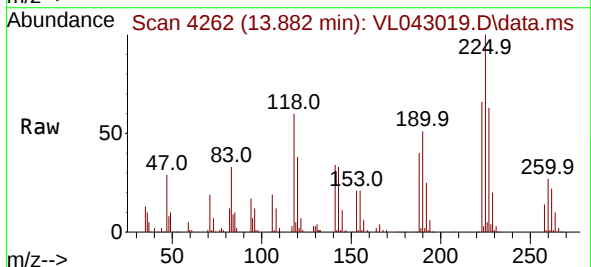


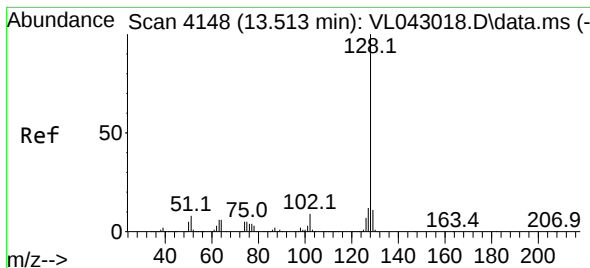
Tgt Ion:146 Resp: 88111
Ion Ratio Lower Upper
146 100
111 45.9 22.9 68.5
148 64.4 31.8 95.4



#78
Hexachloro-1,3-Butadiene
Concen: 2.100 ppbv
RT: 13.882 min Scan# 4262
Delta R.T. -0.000 min
Lab File: VL043019.D
Acq: 30 Sep 2025 09:38

Tgt Ion:225 Resp: 71270
Ion Ratio Lower Upper
225 100
223 64.6 50.9 76.3
227 64.4 50.3 75.5





#79

Naphthalene

Concen: 2.424 ppbv

RT: 13.513 min Scan# 4148

Delta R.T. -0.000 min

Lab File: VL043019.D

Acq: 30 Sep 2025 09:38

Instrument :

MSVOA_L

ClientSampleId :

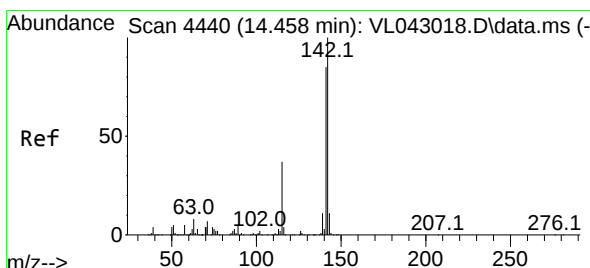
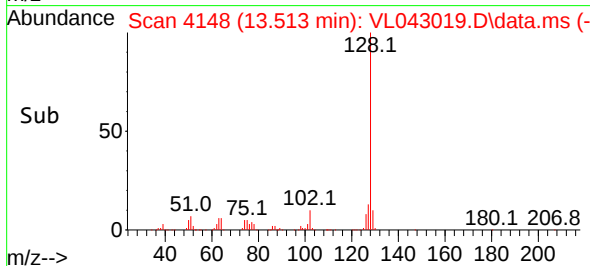
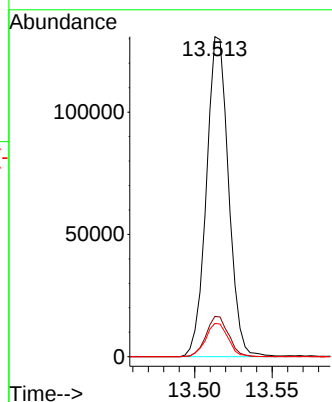
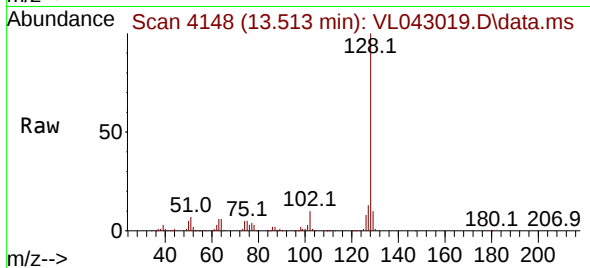
Tgt Ion:128 Resp: 130088

Ion Ratio Lower Upper

128 100

127 12.6 9.9 14.9

129 10.4 8.6 13.0



#80

Naphthalene,2-methyl-

Concen: 2.026 ppbv

RT: 14.461 min Scan# 4441

Delta R.T. 0.003 min

Lab File: VL043019.D

Acq: 30 Sep 2025 09:38

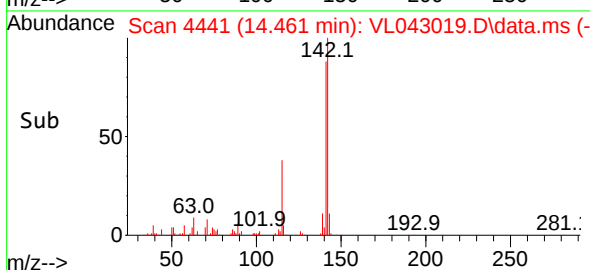
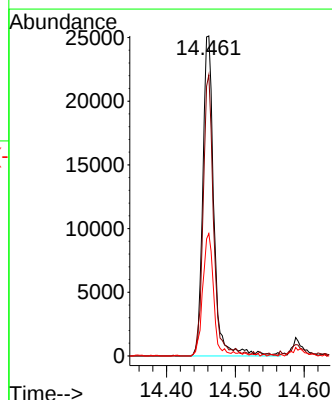
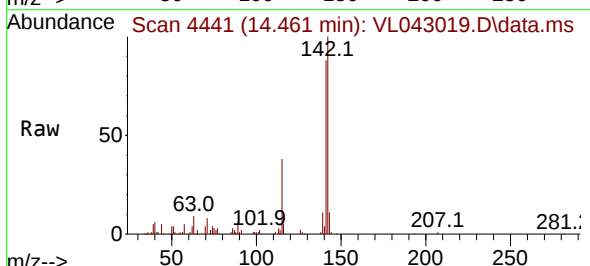
Tgt Ion:142 Resp: 28131

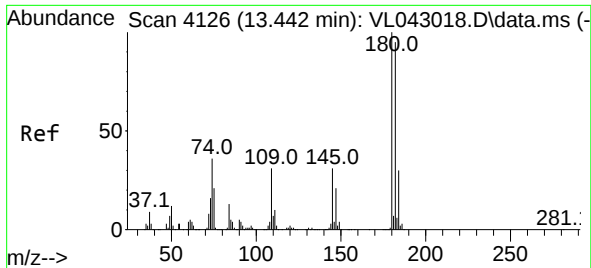
Ion Ratio Lower Upper

142 100

141 82.6 67.0 100.4

115 38.7 29.8 44.6





#81

1,2,4-Trichlorobenzene

Concen: 2.204 ppbv

RT: 13.442 min Scan# 41

Delta R.T. -0.000 min

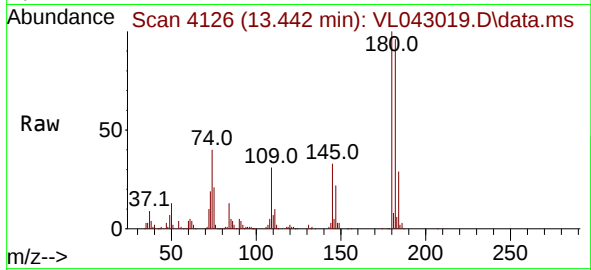
Lab File: VL043019.D

Acq: 30 Sep 2025 09:38

Instrument :

MSVOA_L

ClientSampleId :



Tgt Ion:180 Resp: 71749

Ion Ratio Lower Upper

180 100

182 96.7 75.8 113.8

184 30.3 24.2 36.4

