

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL060525\
 Data File : VL042616.D
 Acq On : 05 Jun 2025 10:56
 Operator : SY/MD
 Sample : VL0605ABS01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0605ABS01

Quant Time: Jun 06 01:38:35 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL052925AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri May 30 02:01:56 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.787	49	102194	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.959	114	268029	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.885	117	241140	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.380	95	191756	10.608	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	106.100%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.499	85	119998	9.554	ppbv	98
3) Chlorodifluoromethane	1.476	51	160926	9.303	ppbv	97
4) Chloromethane	1.531	50	46147	9.278	ppbv	100
5) Vinyl Chloride	1.580	62	44236	8.731	ppbv	98
6) Bromomethane	1.667	94	21360	8.661	ppbv	97
7) Chloroethane	1.703	64	17367	8.822	ppbv	99
8) Dichlorotetrafluoroethane	1.554	85	99214	9.480	ppbv	98
9) Propene	1.483	41	60975	8.753	ppbv	98
10) Heptane	4.978	43	178322	9.081	ppbv	100
11) Trichlorofluoromethane	1.878	101	115370	9.872	ppbv	99
12) 1,1,2-Trichlorotrifluo...	2.140	101	86322	9.407	ppbv	97
13) Ethanol	1.722	45	4657	5.610	ppbv	94
14) Bromoethene	1.781	108	32629	9.453	ppbv	98
15) Acetone	1.836	43	96961	7.877	ppbv	98
16) 1,3-Butadiene	1.609	39	50791	8.710	ppbv	95
17) tert-Butyl alcohol	2.039	59	114043	8.893	ppbv	98
18) 1,1-Dichloroethene	2.033	96	39395	9.262	ppbv	96
19) Isopropyl Alcohol	1.884	45	64442	8.757	ppbv	98
20) Methylene Chloride	2.059	84	34250	8.431	ppbv	93
21) Allyl Chloride	2.094	41	77076	8.874	ppbv	98
22) trans-1,2-Dichloroethene	2.340	96	45356	9.547	ppbv	98
23) Vinyl Acetate	2.463	43	170857	10.268	ppbv #	97
24) 1,1-Dichloroethane	2.408	63	92472	9.460	ppbv	99
25) Ethyl Acetate	2.836	43	317046	9.412	ppbv	99
26) Hexane	2.826	57	136168	8.896	ppbv	95
27) Carbon Disulfide	2.150	76	109644	9.331	ppbv	95
28) Methyl tert-Butyl Ether	2.441	73	54102	8.710	ppbv	98
29) Chloroform	2.849	83	198724	9.983	ppbv	99
30) Cyclohexane	3.855	84	110635	8.718	ppbv	96
31) cis-1,2-Dichloroethene	2.719	61	132654	9.474	ppbv	96
32) 1,1,1-Trichloroethane	3.366	97	193227	9.501	ppbv	98
34) 2-Butanone	2.557	43	208953	10.932	ppbv	100
35) Carbon Tetrachloride	3.765	117	195562	11.053	ppbv	99
36) Benzene	3.658	78	273021	10.344	ppbv	97
37) 1,2-Dichloroethane	3.218	62	151559	11.554	ppbv	98
38) Trichloroethene	4.548	130	109759	9.783	ppbv	98
39) 1,2-Dichloropropane	4.315	63	102423	10.493	ppbv	97
40) 1,4-Dioxane	4.583	88	43825	10.034	ppbv #	73
41) Tetrahydrofuran	3.053	42	115430	10.317	ppbv	99
42) Bromodichloromethane	4.490	83	215587	11.571	ppbv	97
43) Methyl Methacrylate	4.881	69	105007	10.250	ppbv	99
44) 2,2,4-Trimethylpentane	4.642	57	468613	10.380	ppbv	99
45) t-1,3-Dichloropropene	6.415	75	121185	10.338	ppbv	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL060525\
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 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

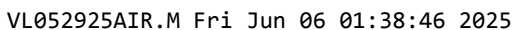
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 ClientSampleId :
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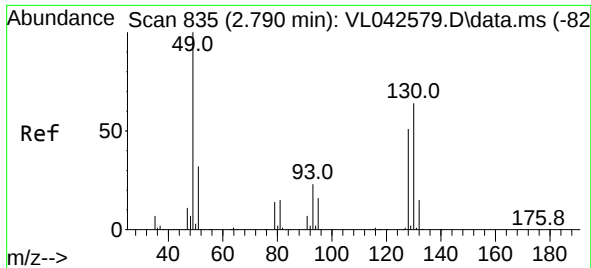
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 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri May 30 02:01:56 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	5.603	75	149286	10.163	ppbv	95
47) 1,1,2-Trichloroethane	6.584	97	106076	10.499	ppbv	91
48) Dibromochloromethane	7.390	129	172013	10.635	ppbv	99
49) Bromoform	9.487	173	147054	10.537	ppbv	99
50) 4-Methyl-2-Pentanone	5.755	43	277969	10.485	ppbv	97
51) 2-Hexanone	7.441	43	224841	10.693	ppbv #	95
52) Tetrachloroethene	8.228	164	95084	9.641	ppbv	97
53) Toluene	6.936	91	304300	9.975	ppbv	100
54) 1,2-Dibromoethane	7.655	107	157984	10.564	ppbv	99
56) 1,1,1,2-Tetrachloroethane	8.927	131	128644	10.610	ppbv	98
57) Chlorobenzene	8.927	112	238439	10.183	ppbv	99
58) Ethyl Benzene	9.357	91	422642	10.333	ppbv	97
59) m/p-Xylene	9.536	91	369879	11.491	ppbv #	29
60) o-Xylene	9.966	91	336084	10.469	ppbv	98
61) Styrene	9.875	104	152943	10.076	ppbv	98
62) Isopropylbenzene	10.542	105	494093	10.418	ppbv	99
63) 1,1,2,2-Tetrachloroethane	9.966	83	215101	10.537	ppbv	99
64) n-propylbenzene	10.992	120	129419	10.180	ppbv	93
65) tert-Butylbenzene	11.533	119	432174	10.041	ppbv	96
66) Benzyl Chloride	11.617	91	49930	9.012	ppbv	99
67) sec-Butylbenzene	11.769	105	619294	10.234	ppbv	98
69) p-Isopropyltoluene	11.927	119	518619	10.234	ppbv	99
70) n-Butylbenzene	12.283	91	533392	10.664	ppbv	98
71) 2-Chlorotoluene	10.905	91	377690	10.440	ppbv	97
72) 4-Ethyltoluene	11.128	105	418156	10.447	ppbv	98
73) 1,3,5-Trimethylbenzene	11.206	105	345311	10.424	ppbv	98
74) 1,2,4-Trimethylbenzene	11.539	105	384125	10.449	ppbv	96
75) 1,3-Dichlorobenzene	11.610	146	238334	10.324	ppbv	100
76) 1,4-Dichlorobenzene	11.675	146	239024	10.381	ppbv	99
77) 1,2-Dichlorobenzene	11.950	146	227856	10.170	ppbv	100
78) Hexachloro-1,3-Butadiene	13.882	225	168434	9.086	ppbv	99
79) Naphthalene	13.513	128	373656	10.783	ppbv	99
80) Naphthalene,2-methyl-	14.458	142	184610	11.792	ppbv	99
81) 1,2,4-Trichlorobenzene	13.442	180	197629	10.217	ppbv	99

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

Quant Time: Jun 06 01:38:35 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL052925AIR.M
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QLast Update : Fri May 30 02:01:56 2025
Response via : Initial Calibration

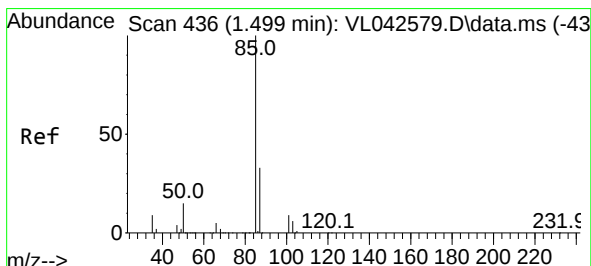
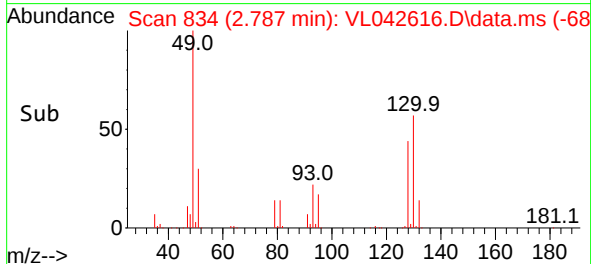
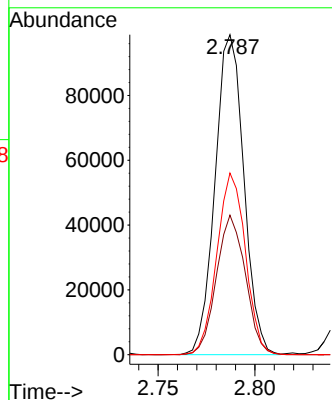
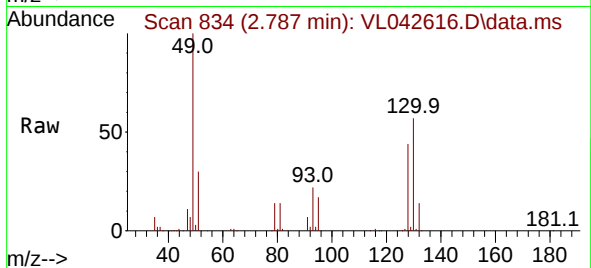




#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 2.787 min Scan# 835
 Delta R.T. -0.003 min
 Lab File: VL042616.D
 Acq: 05 Jun 2025 10:56

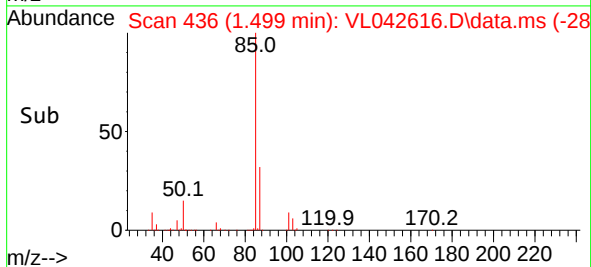
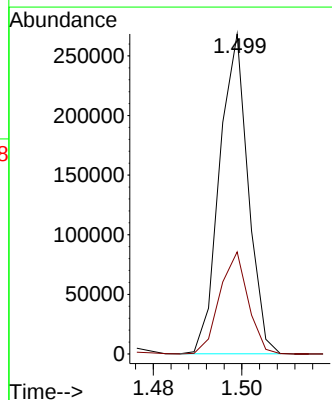
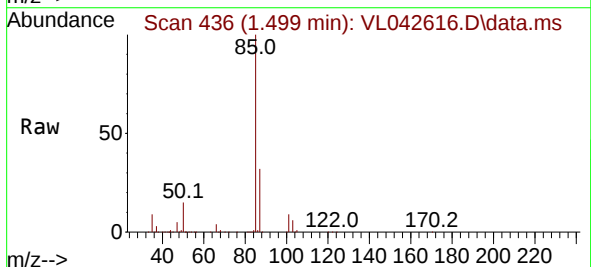
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0605ABS01

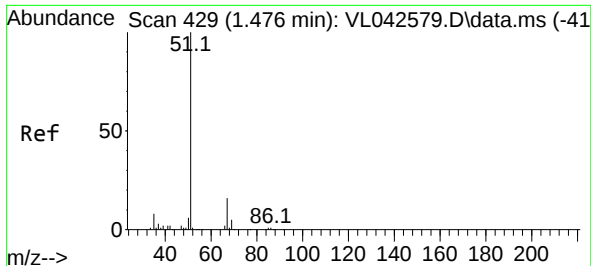
Tgt Ion: 49 Resp: 102194
 Ion Ratio Lower Upper
 49 100
 128 43.8 24.2 72.6
 130 56.2 30.4 91.2



#2
 Dichlorodifluoromethane
 Concen: 9.554 ppbv
 RT: 1.499 min Scan# 436
 Delta R.T. 0.000 min
 Lab File: VL042616.D
 Acq: 05 Jun 2025 10:56

Tgt Ion: 85 Resp: 119998
 Ion Ratio Lower Upper
 85 100
 87 31.9 26.6 39.8

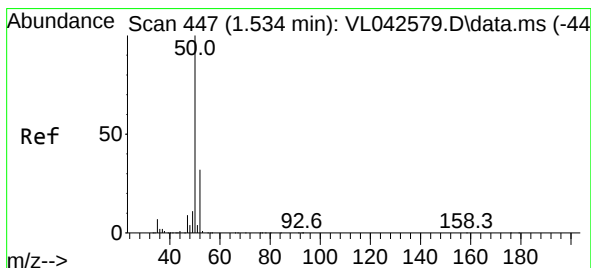
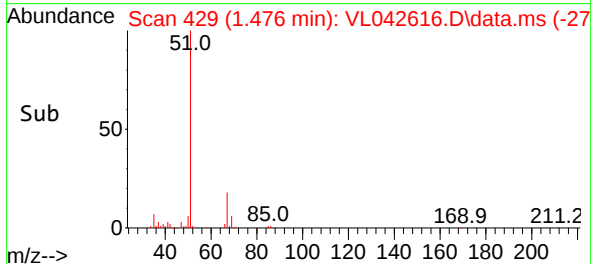
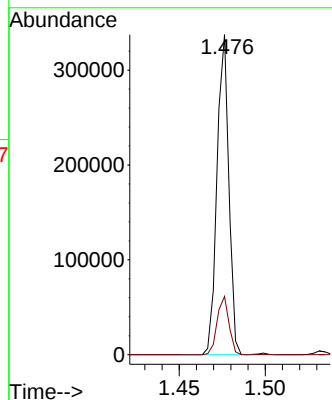
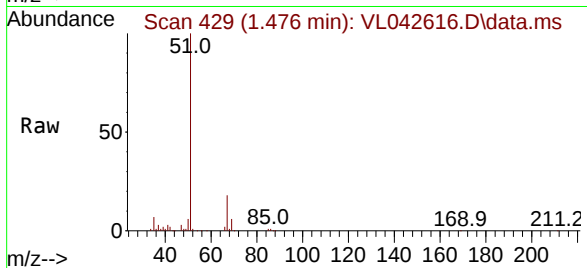




#3
Chlorodifluoromethane
Concen: 9.303 ppbv
RT: 1.476 min Scan# 41
Delta R.T. 0.000 min
Lab File: VL042616.D
Acq: 05 Jun 2025 10:56

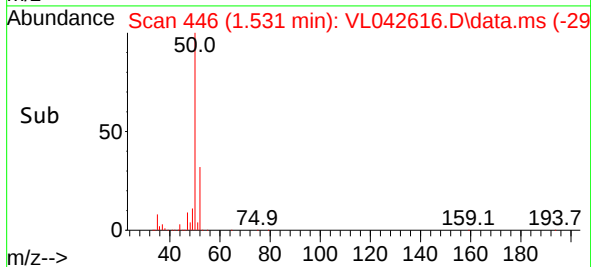
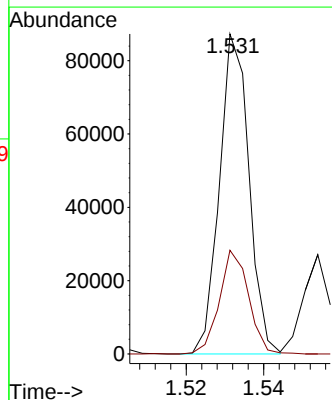
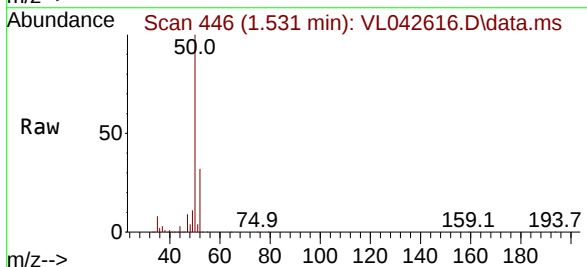
Instrument :
MSVOA_L
ClientSampleId :
VL0605ABS01

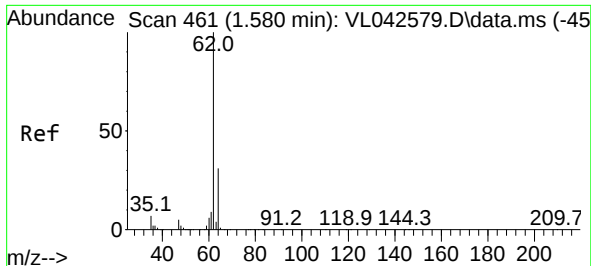
Tgt Ion: 51 Resp: 160926
Ion Ratio Lower Upper
51 100
67 18.2 13.4 20.2



#4
Chloromethane
Concen: 9.278 ppbv
RT: 1.531 min Scan# 446
Delta R.T. -0.003 min
Lab File: VL042616.D
Acq: 05 Jun 2025 10:56

Tgt Ion: 50 Resp: 46147
Ion Ratio Lower Upper
50 100
52 32.4 25.8 38.6

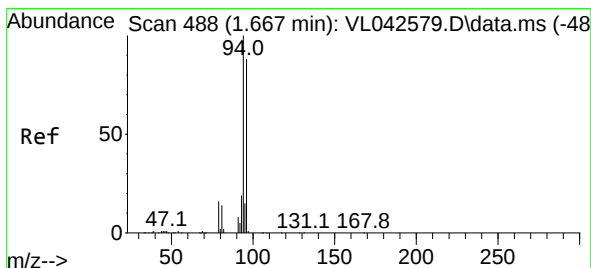
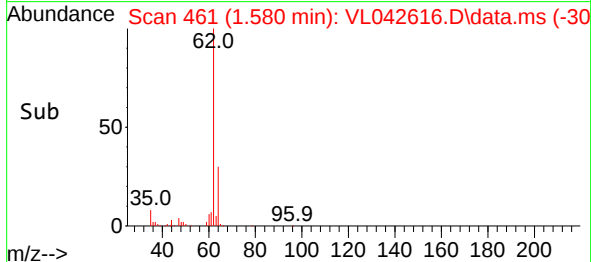
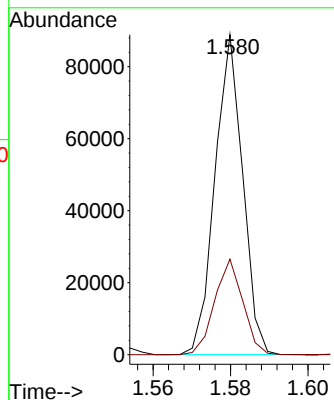
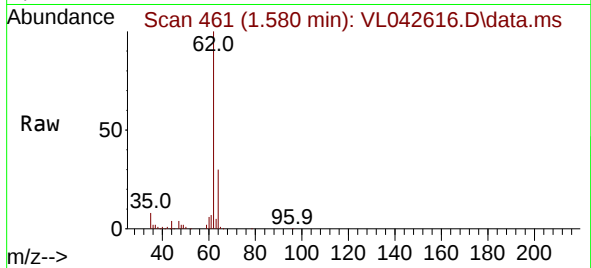




#5
 Vinyl Chloride
 Concen: 8.731 ppbv
 RT: 1.580 min Scan# 461
 Delta R.T. 0.000 min
 Lab File: VL042616.D
 Acq: 05 Jun 2025 10:56

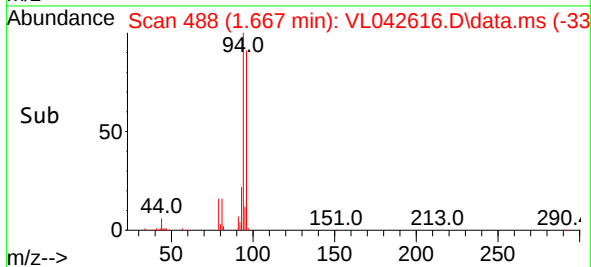
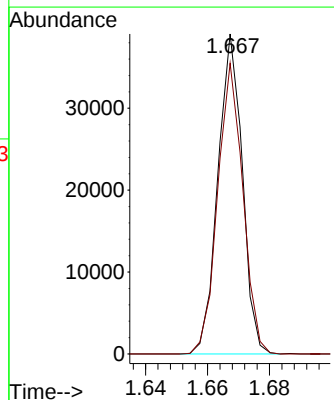
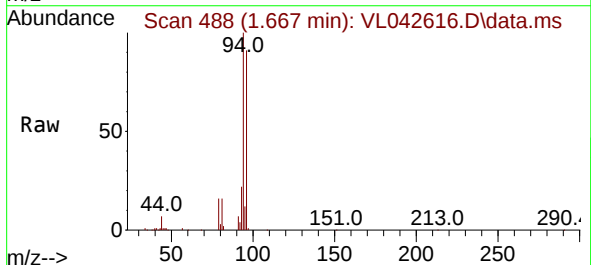
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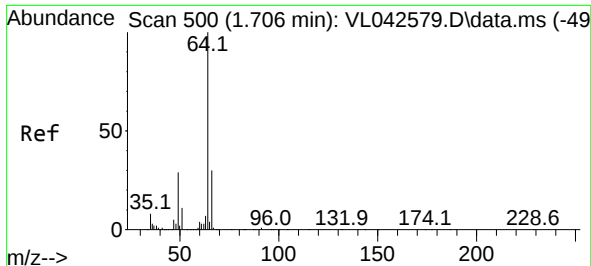
Tgt Ion: 62 Resp: 44236
 Ion Ratio Lower Upper
 62 100
 64 29.8 24.9 37.3



#6
 Bromomethane
 Concen: 8.661 ppbv
 RT: 1.667 min Scan# 488
 Delta R.T. 0.000 min
 Lab File: VL042616.D
 Acq: 05 Jun 2025 10:56

Tgt Ion: 94 Resp: 21360
 Ion Ratio Lower Upper
 94 100
 96 90.9 70.7 106.1

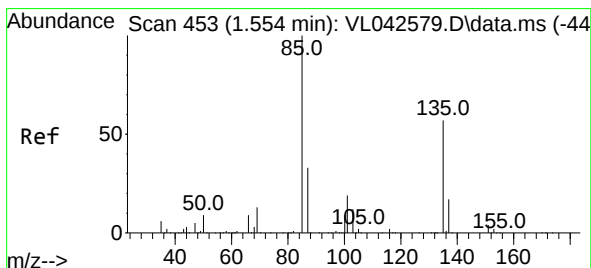
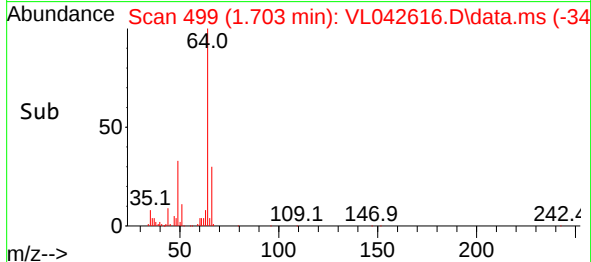
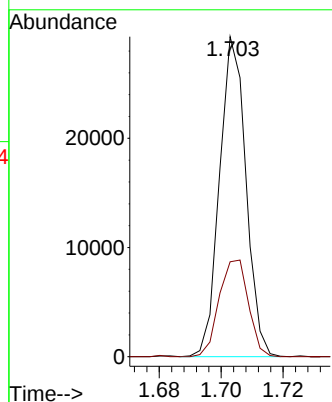
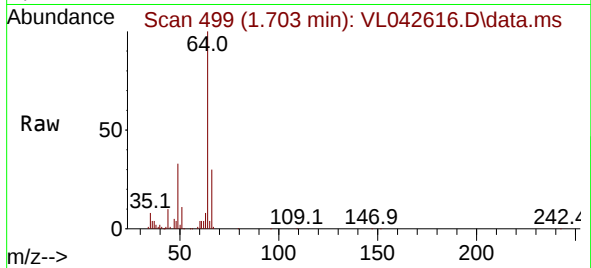




#7
Chloroethane
Concen: 8.822 ppbv
RT: 1.703 min Scan# 499
Delta R.T. -0.003 min
Lab File: VL042616.D
Acq: 05 Jun 2025 10:56

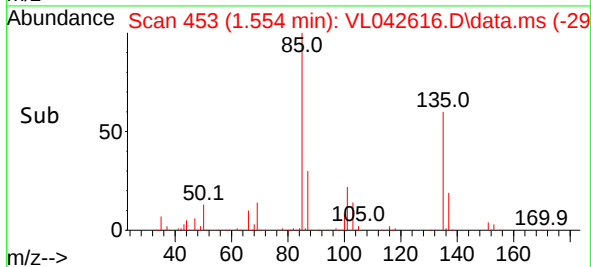
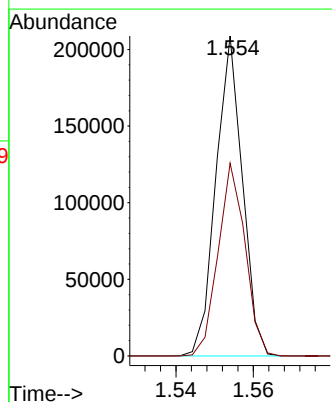
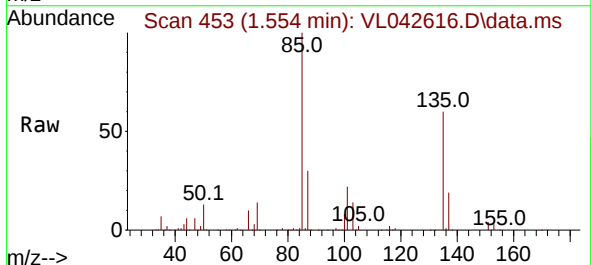
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ClientSampleId :
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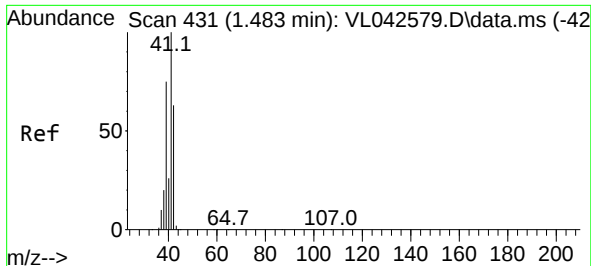
Tgt Ion: 64 Resp: 17367
Ion Ratio Lower Upper
64 100
66 29.6 24.3 36.5



#8
Dichlorotetrafluoroethane
Concen: 9.480 ppbv
RT: 1.554 min Scan# 453
Delta R.T. 0.000 min
Lab File: VL042616.D
Acq: 05 Jun 2025 10:56

Tgt Ion: 85 Resp: 99214
Ion Ratio Lower Upper
85 100
135 61.5 50.2 75.4





#9

Propene

Concen: 8.753 ppbv

RT: 1.483 min Scan# 41

Delta R.T. 0.000 min

Lab File: VL042616.D

Acq: 05 Jun 2025 10:56

Instrument :

MSVOA_L

ClientSampleId :

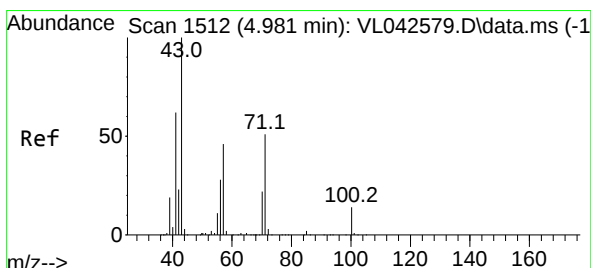
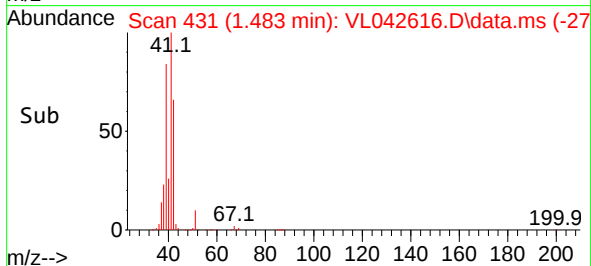
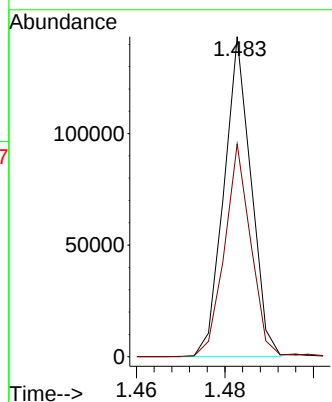
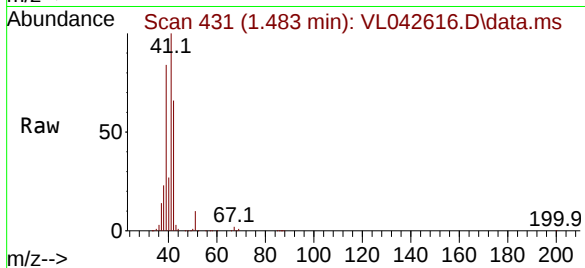
VL0605ABS01

Tgt Ion: 41 Resp: 60975

Ion Ratio Lower Upper

41 100

42 65.4 53.3 79.9



#10

Heptane

Concen: 9.081 ppbv

RT: 4.978 min Scan# 1511

Delta R.T. -0.003 min

Lab File: VL042616.D

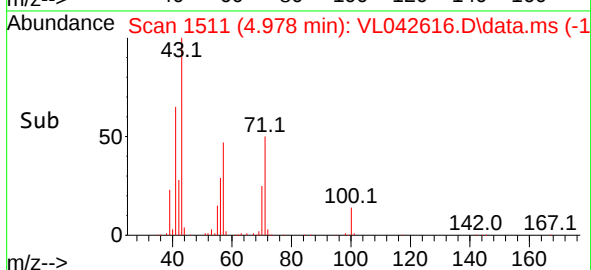
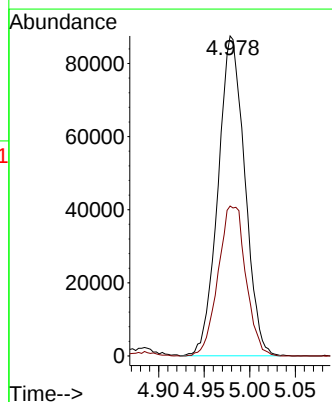
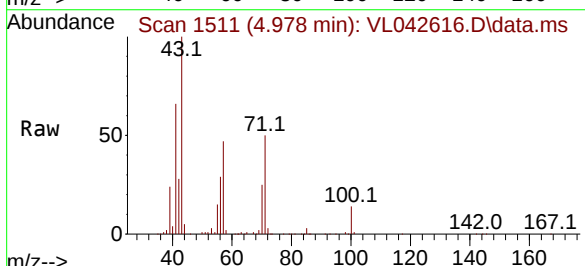
Acq: 05 Jun 2025 10:56

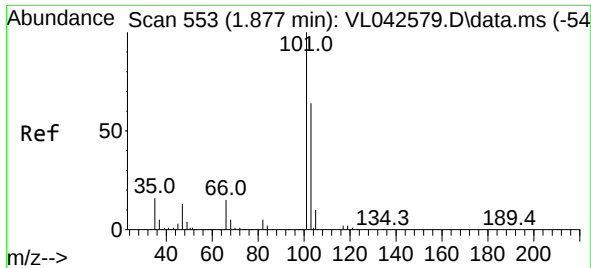
Tgt Ion: 43 Resp: 178322

Ion Ratio Lower Upper

43 100

57 48.7 38.9 58.3

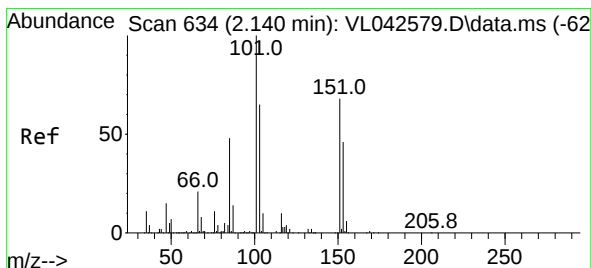
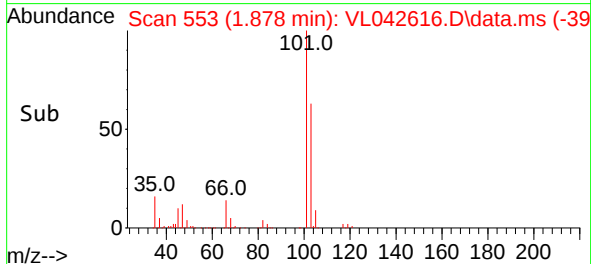
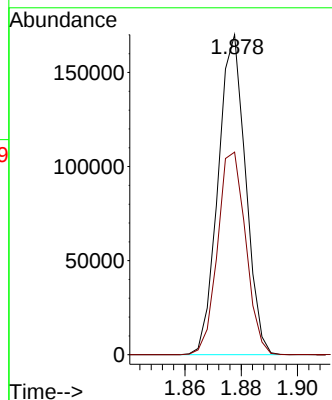
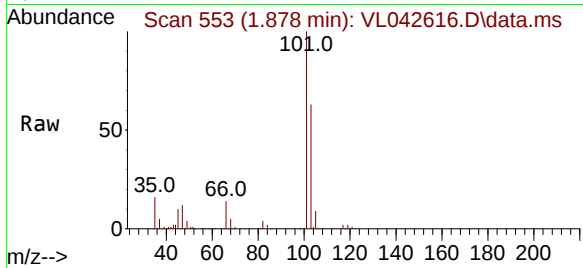




#11
 Trichlorofluoromethane
 Concen: 9.872 ppbv
 RT: 1.878 min Scan# 511
 Delta R.T. 0.000 min
 Lab File: VL042616.D
 Acq: 05 Jun 2025 10:56

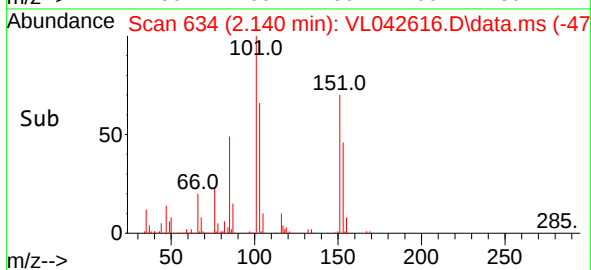
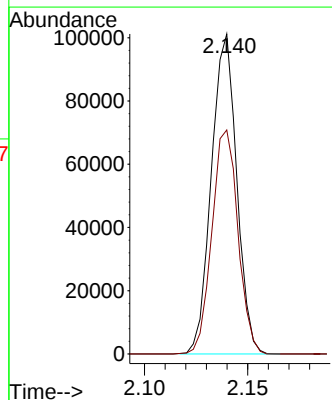
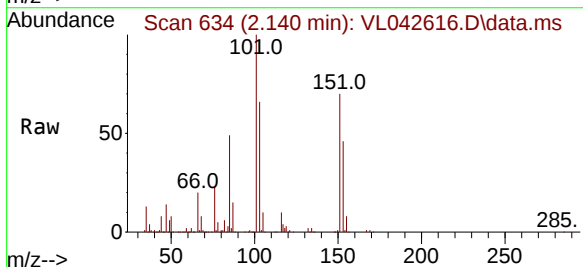
Instrument :
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 ClientSampleId :
 VL0605ABS01

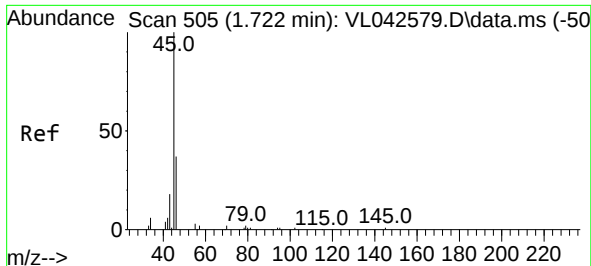
Tgt Ion:101 Resp: 115370
 Ion Ratio Lower Upper
 101 100
 103 63.3 51.5 77.3



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 9.407 ppbv
 RT: 2.140 min Scan# 634
 Delta R.T. 0.000 min
 Lab File: VL042616.D
 Acq: 05 Jun 2025 10:56

Tgt Ion:101 Resp: 86322
 Ion Ratio Lower Upper
 101 100
 151 71.9 55.3 82.9

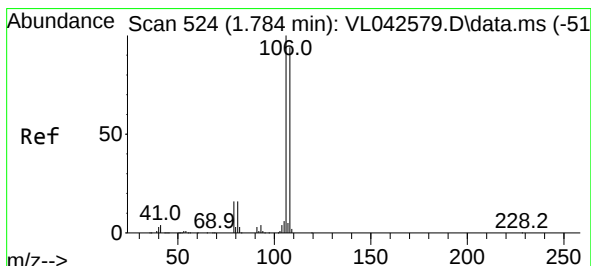
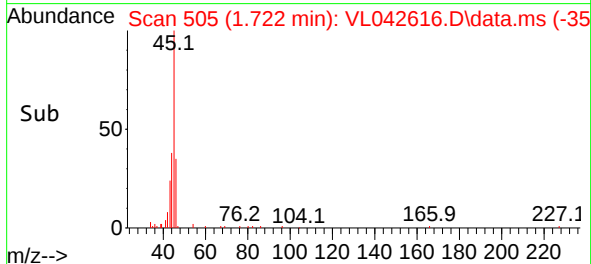
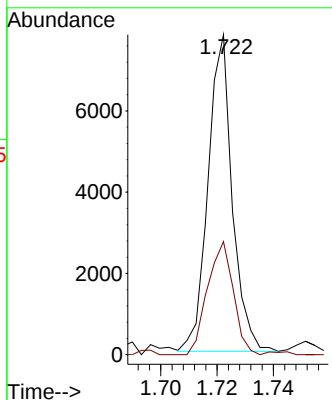
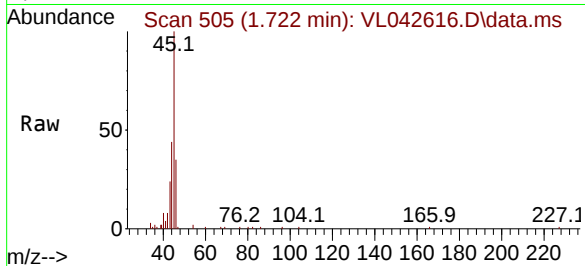




#13
Ethanol
Concen: 5.610 ppbv
RT: 1.722 min Scan# 505
Delta R.T. 0.000 min
Lab File: VL042616.D
Acq: 05 Jun 2025 10:56

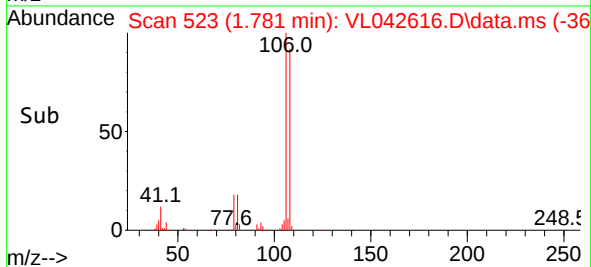
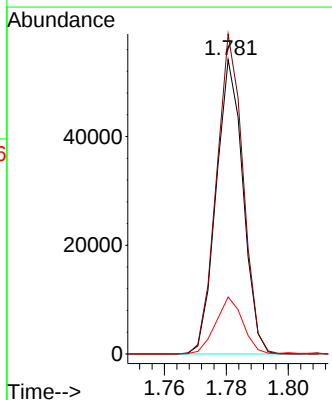
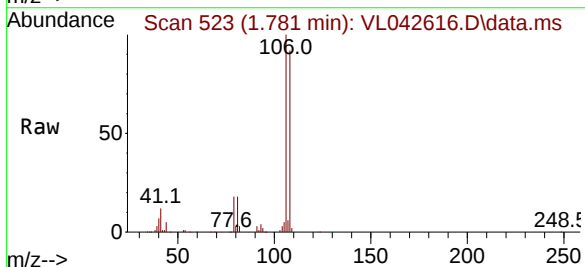
Instrument :
MSVOA_L
ClientSampleId :
VL0605ABS01

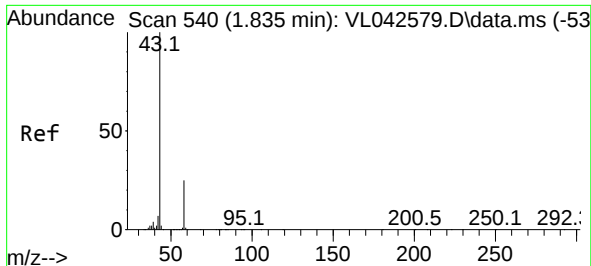
Tgt Ion: 45 Resp: 4657
Ion Ratio Lower Upper
45 100
46 39.7 14.5 58.1



#14
Bromoethene
Concen: 9.453 ppbv
RT: 1.781 min Scan# 523
Delta R.T. -0.003 min
Lab File: VL042616.D
Acq: 05 Jun 2025 10:56

Tgt Ion: 108 Resp: 32629
Ion Ratio Lower Upper
108 100
106 107.5 87.9 131.9
79 20.1 15.6 23.4

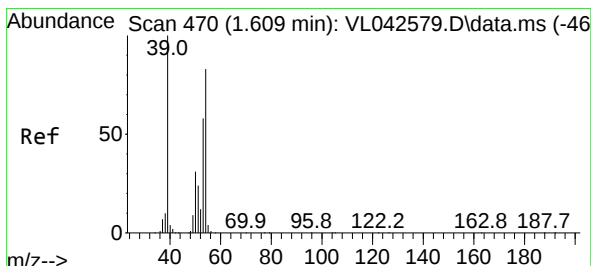
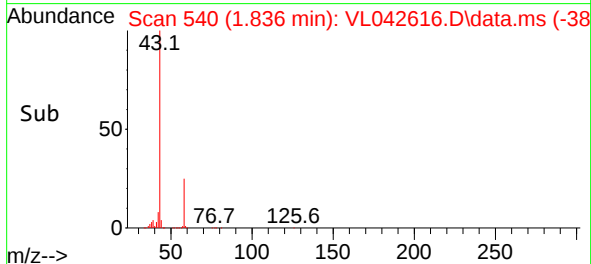
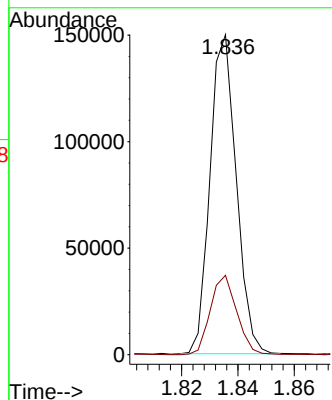
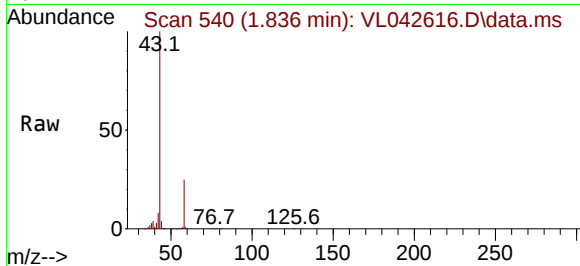




#15
Acetone
Concen: 7.877 ppbv
RT: 1.836 min Scan# 54
Delta R.T. 0.000 min
Lab File: VL042616.D
Acq: 05 Jun 2025 10:56

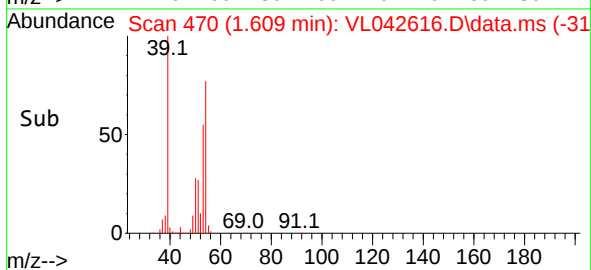
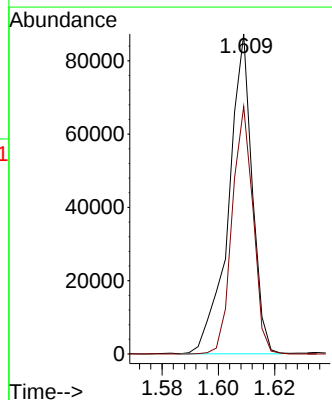
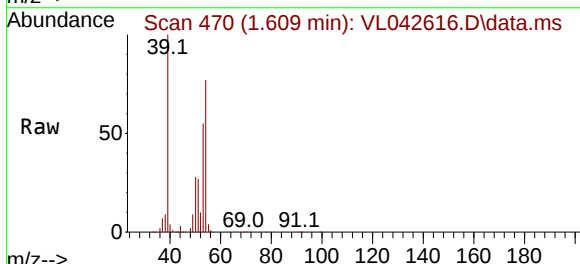
Instrument :
MSVOA_L
ClientSampleId :
VL0605ABS01

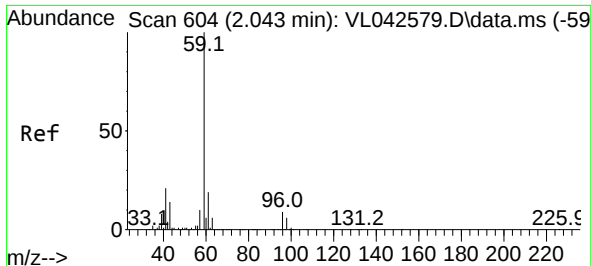
Tgt Ion: 43 Resp: 96961
Ion Ratio Lower Upper
43 100
58 25.3 21.0 31.4



#16
1,3-Butadiene
Concen: 8.710 ppbv
RT: 1.609 min Scan# 470
Delta R.T. 0.000 min
Lab File: VL042616.D
Acq: 05 Jun 2025 10:56

Tgt Ion: 39 Resp: 50791
Ion Ratio Lower Upper
39 100
54 68.2 57.9 86.9





#17

tert-Butyl alcohol

Concen: 8.893 ppbv

RT: 2.039 min Scan# 604

Delta R.T. -0.003 min

Lab File: VL042616.D

Acq: 05 Jun 2025 10:56

Instrument :

MSVOA_1

ClientSampleId :

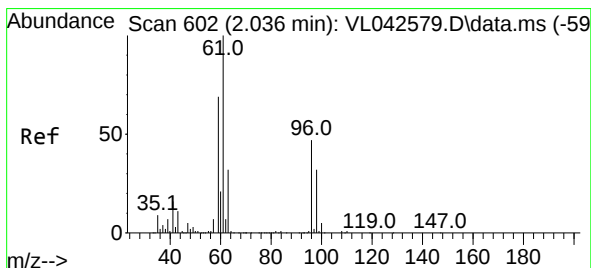
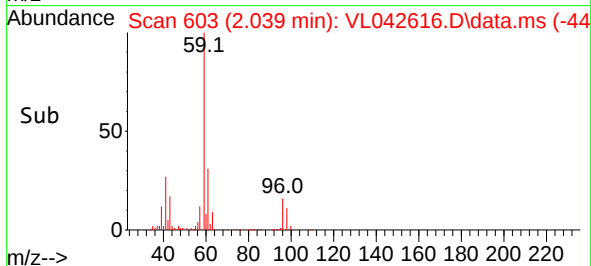
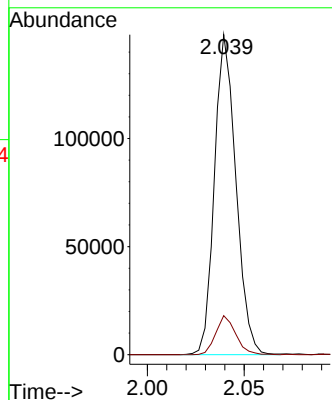
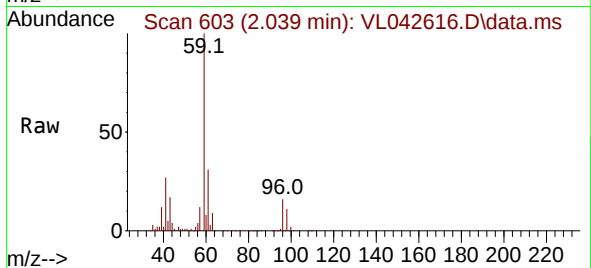
VL0605ABS01

Tgt Ion: 59 Resp: 114043

Ion Ratio Lower Upper

59 100

57 11.4 8.6 12.8



#18

1,1-Dichloroethene

Concen: 9.262 ppbv

RT: 2.033 min Scan# 601

Delta R.T. -0.003 min

Lab File: VL042616.D

Acq: 05 Jun 2025 10:56

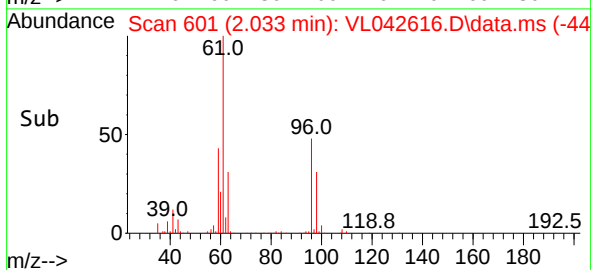
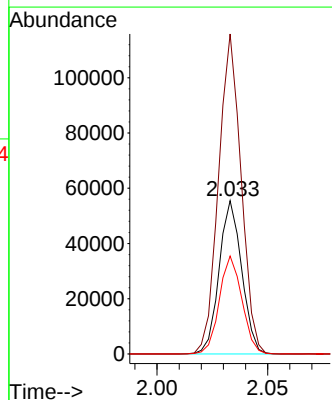
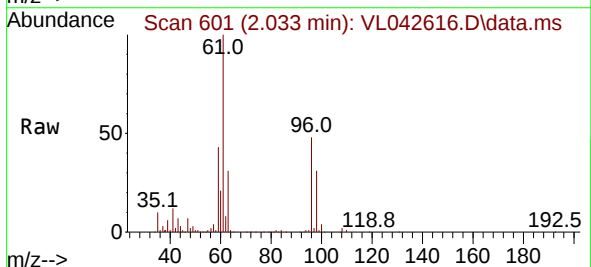
Tgt Ion: 96 Resp: 39395

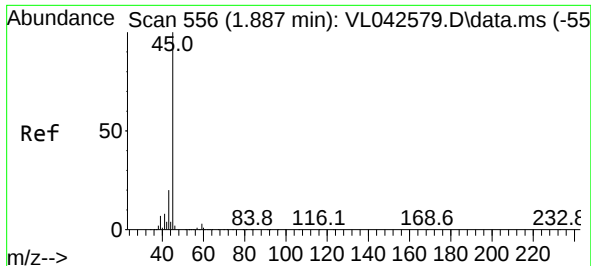
Ion Ratio Lower Upper

96 100

61 208.7 171.1 256.7

98 63.9 54.4 81.6

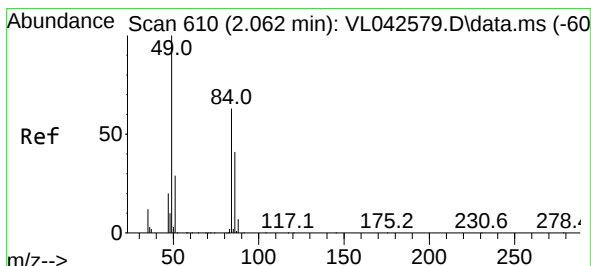
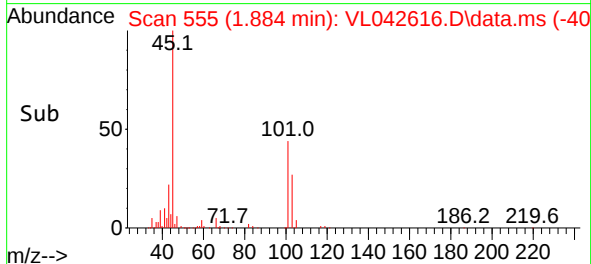
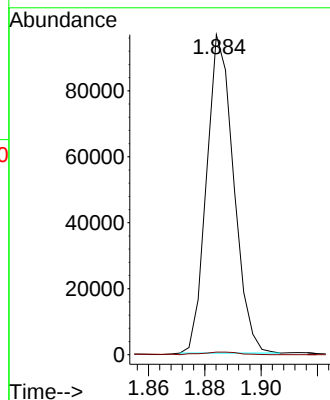
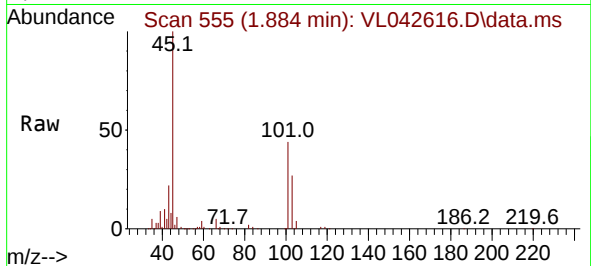




#19
Isopropyl Alcohol
Concen: 8.757 ppbv
RT: 1.884 min Scan# 51
Delta R.T. -0.003 min
Lab File: VL042616.D
Acq: 05 Jun 2025 10:56

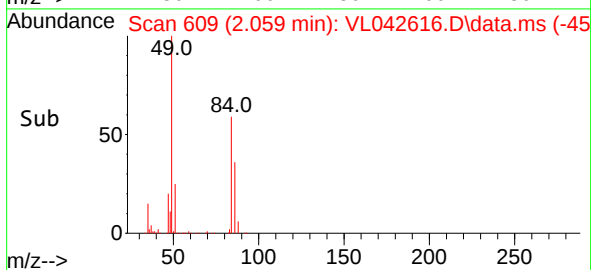
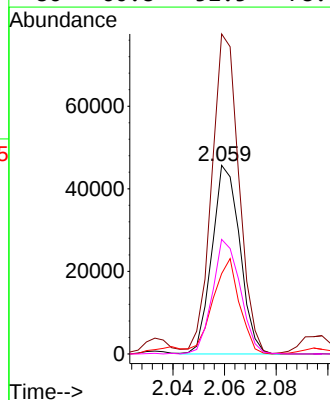
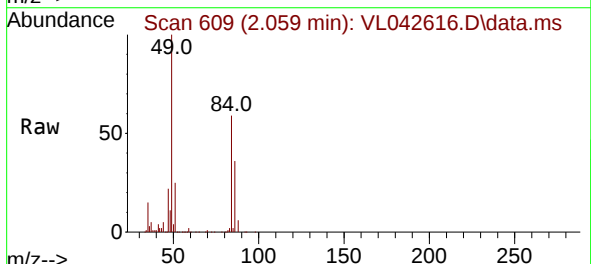
Instrument :
MSVOA_L
ClientSampleId :
VL0605ABS01

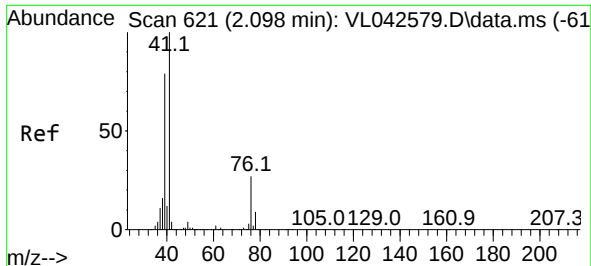
Tgt Ion: 45 Resp: 64442
Ion Ratio Lower Upper
45 100
58 38.1 29.4 44.2



#20
Methylene Chloride
Concen: 8.431 ppbv
RT: 2.059 min Scan# 609
Delta R.T. -0.003 min
Lab File: VL042616.D
Acq: 05 Jun 2025 10:56

Tgt Ion: 84 Resp: 34250
Ion Ratio Lower Upper
84 100
49 169.1 128.8 193.2
51 42.1 38.6 57.8
86 60.8 52.5 78.7

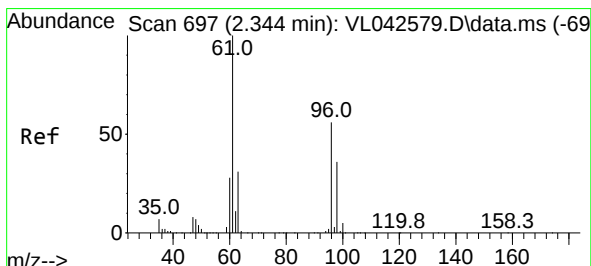
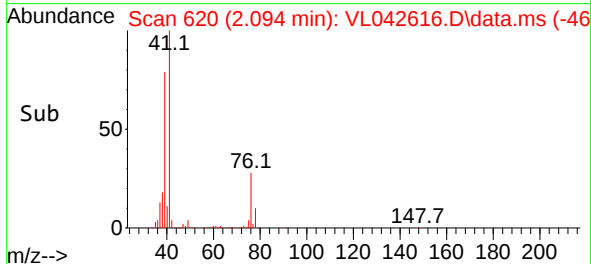
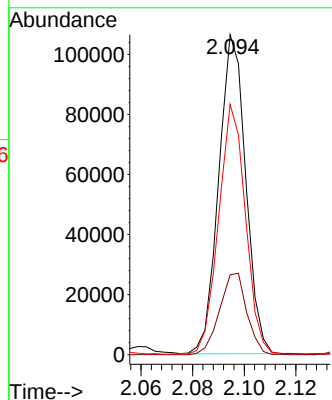
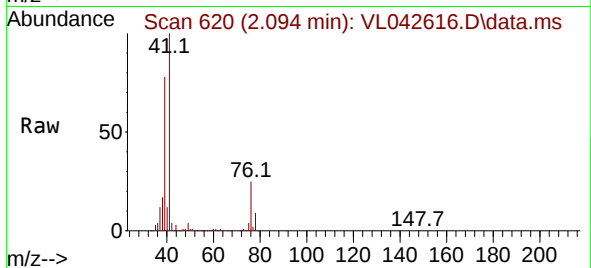




#21
 Allyl Chloride
 Concen: 8.874 ppbv
 RT: 2.094 min Scan# 61
 Delta R.T. -0.003 min
 Lab File: VL042616.D
 Acq: 05 Jun 2025 10:56

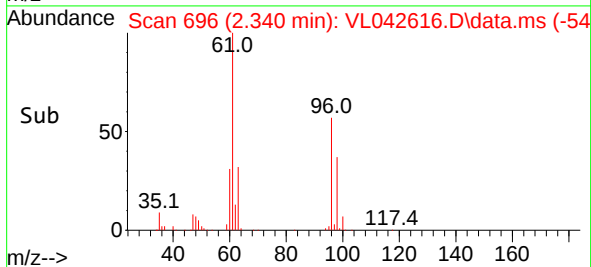
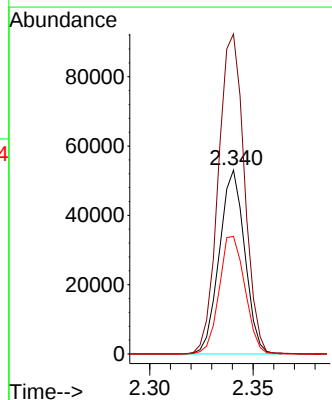
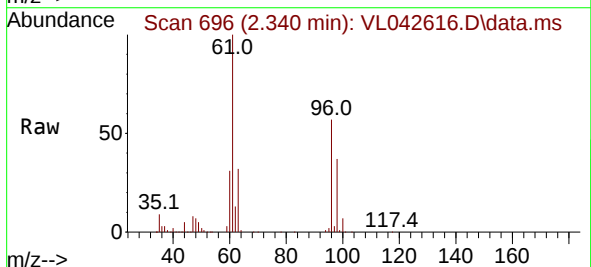
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0605ABS01

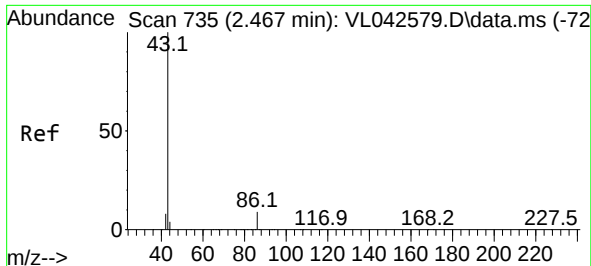
Tgt Ion: 41 Resp: 77076
 Ion Ratio Lower Upper
 41 100
 76 25.8 21.2 31.8
 39 77.9 60.9 91.3



#22
 trans-1,2-Dichloroethene
 Concen: 9.547 ppbv
 RT: 2.340 min Scan# 696
 Delta R.T. -0.003 min
 Lab File: VL042616.D
 Acq: 05 Jun 2025 10:56

Tgt Ion: 96 Resp: 45356
 Ion Ratio Lower Upper
 96 100
 61 174.1 142.6 214.0
 98 64.0 51.0 76.4



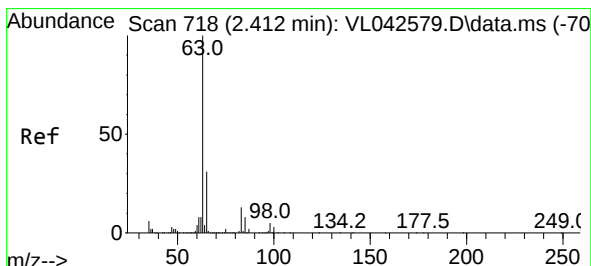
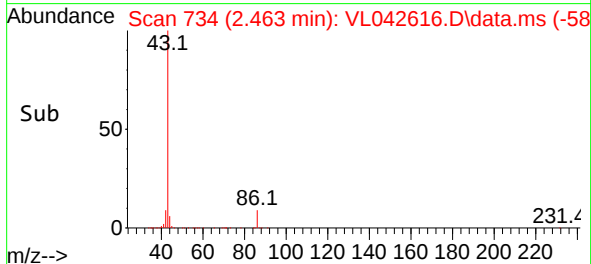
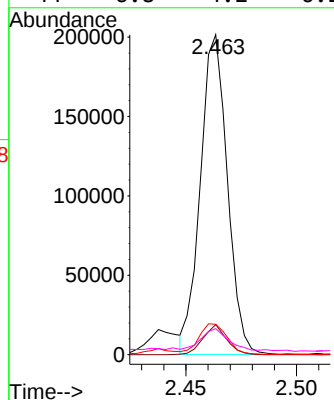
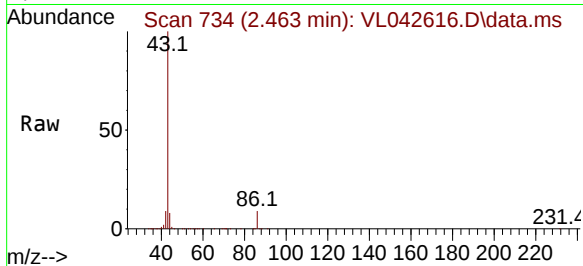


#23
 Vinyl Acetate
 Concen: 10.268 ppbv
 RT: 2.463 min Scan# 717
 Delta R.T. -0.003 min
 Lab File: VL042616.D
 Acq: 05 Jun 2025 10:56

Instrument :
 MSVOA_1
 ClientSampleId :
 VL0605ABS01

Tgt Ion: 43 Resp: 170857

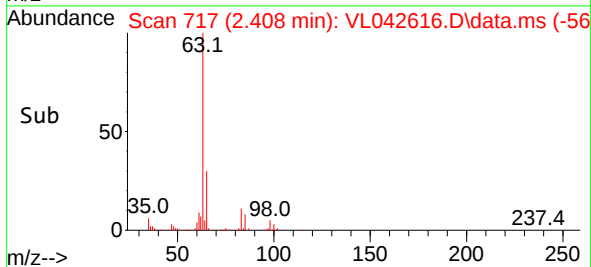
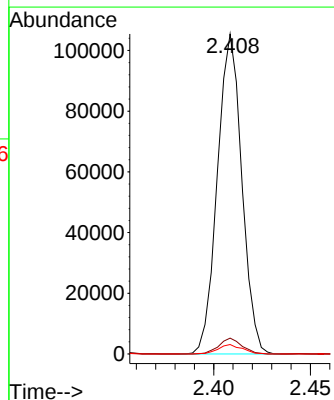
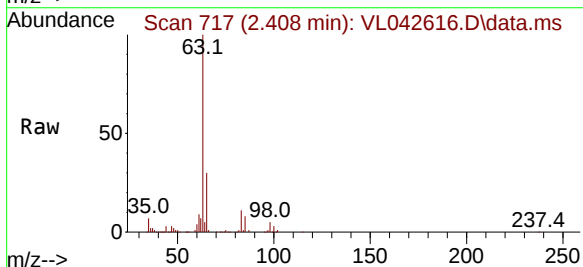
Ion	Ratio	Lower	Upper
43	100		
86	9.4	6.6	9.8
42	9.4	7.0	10.4
44	6.8	4.2	6.2

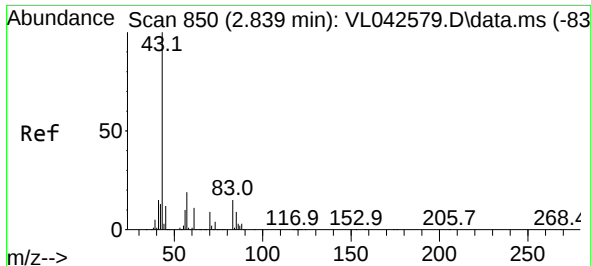


#24
 1,1-Dichloroethane
 Concen: 9.460 ppbv
 RT: 2.408 min Scan# 717
 Delta R.T. -0.003 min
 Lab File: VL042616.D
 Acq: 05 Jun 2025 10:56

Tgt Ion: 63 Resp: 92472

Ion	Ratio	Lower	Upper
63	100		
98	4.9	2.4	7.1
100	3.0	1.4	4.0

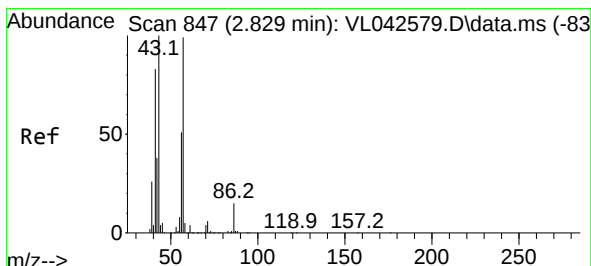
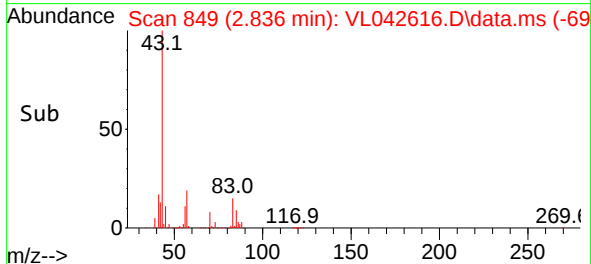
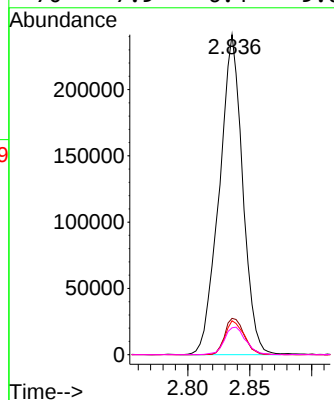
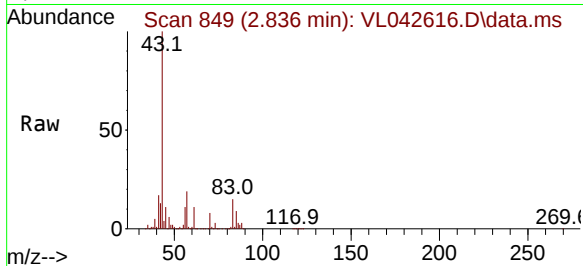




#25
Ethyl Acetate
Concen: 9.412 ppbv
RT: 2.836 min Scan# 84
Delta R.T. -0.003 min
Lab File: VL042616.D
Acq: 05 Jun 2025 10:56

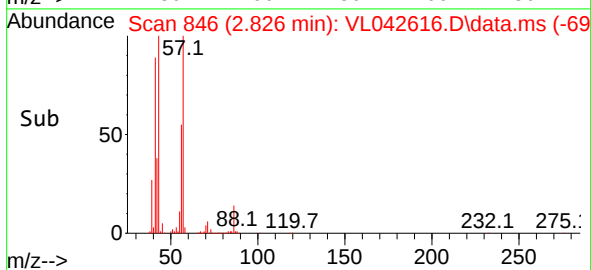
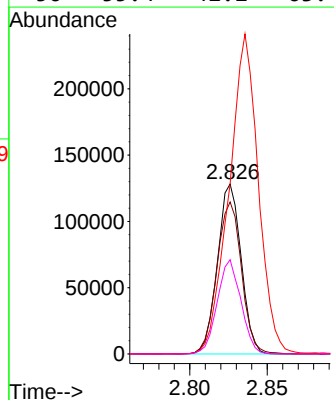
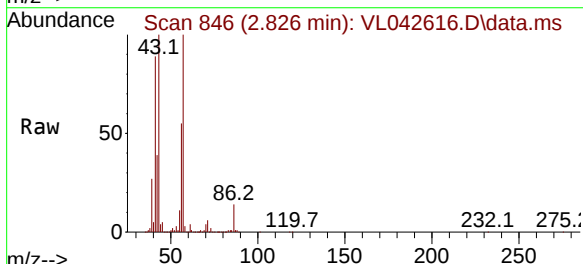
Instrument :
MSVOA_1
ClientSampleId :
VL0605ABS01

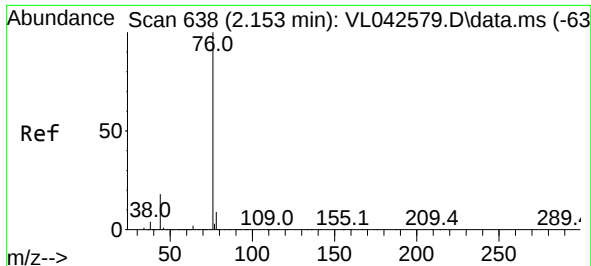
Tgt Ion:	43	Resp:	317046
Ion	Ratio	Lower	Upper
43	100		
45	9.5	8.2	12.2
61	8.7	7.1	10.7
70	7.9	6.4	9.6



#26
Hexane
Concen: 8.896 ppbv
RT: 2.826 min Scan# 846
Delta R.T. -0.003 min
Lab File: VL042616.D
Acq: 05 Jun 2025 10:56

Tgt Ion:	57	Resp:	136168
Ion	Ratio	Lower	Upper
57	100		
41	93.6	70.6	106.0
43	233.7	181.1	271.7
56	55.4	42.2	63.4

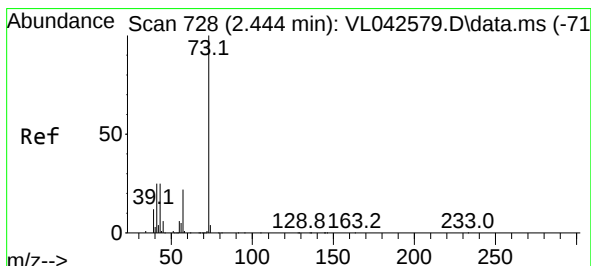
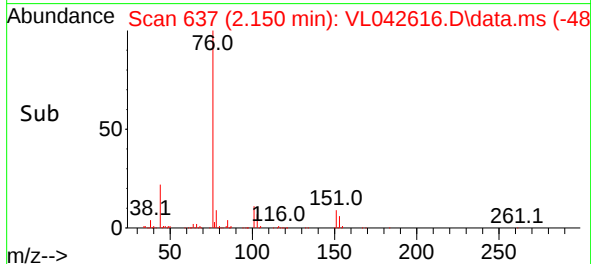
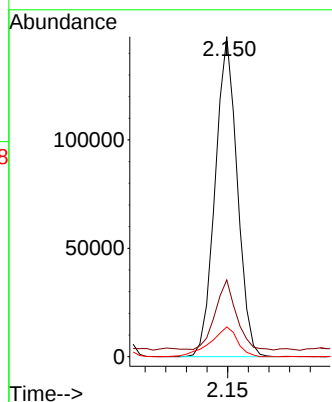
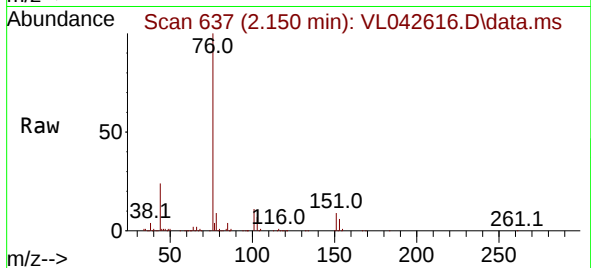




#27
Carbon Disulfide
Concen: 9.331 ppbv
RT: 2.150 min Scan# 61
Delta R.T. -0.003 min
Lab File: VL042616.D
Acq: 05 Jun 2025 10:56

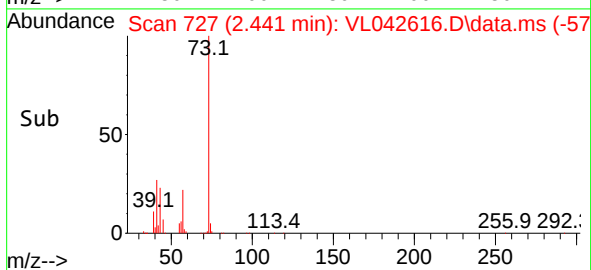
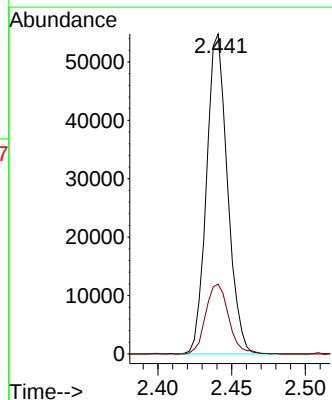
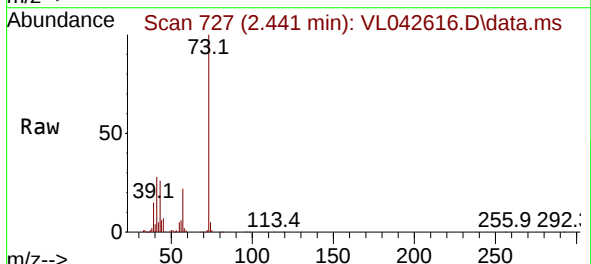
Instrument :
MSVOA_L
ClientSampleId :
VL0605ABS01

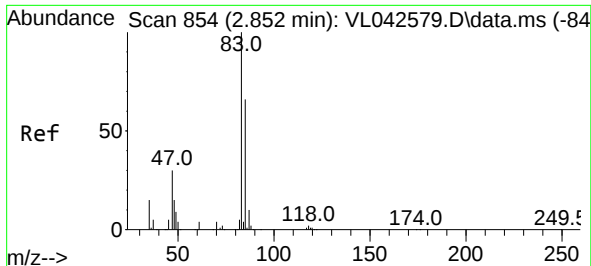
Tgt Ion: 76 Resp: 109644
Ion Ratio Lower Upper
76 100
44 22.9 21.3 31.9
78 11.4 9.4 14.0



#28
Methyl tert-Butyl Ether
Concen: 8.710 ppbv
RT: 2.441 min Scan# 727
Delta R.T. -0.003 min
Lab File: VL042616.D
Acq: 05 Jun 2025 10:56

Tgt Ion: 73 Resp: 54102
Ion Ratio Lower Upper
73 100
57 23.9 19.9 29.9





#29

Chloroform

Concen: 9.983 ppbv

RT: 2.849 min Scan# 81

Delta R.T. -0.003 min

Lab File: VL042616.D

Acq: 05 Jun 2025 10:56

Instrument :

MSVOA_L

ClientSampleId :

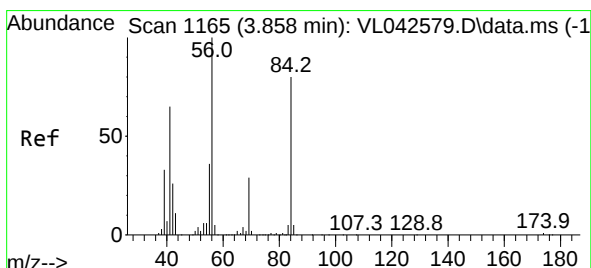
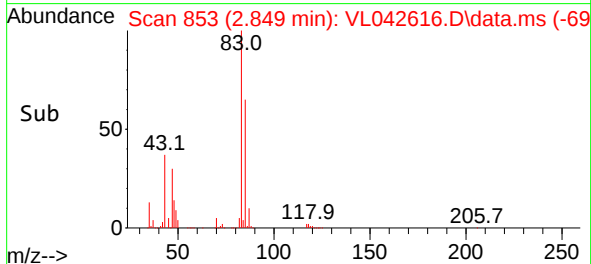
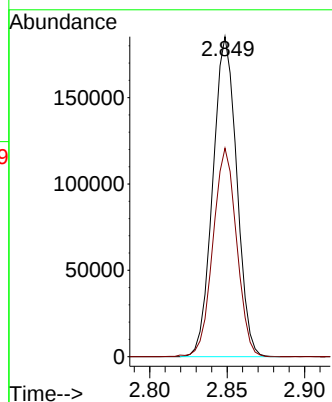
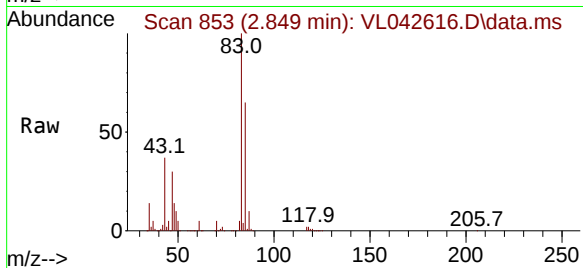
VL0605ABS01

Tgt Ion: 83 Resp: 198724

Ion Ratio Lower Upper

83 100

85 65.1 52.8 79.2



#30

Cyclohexane

Concen: 8.718 ppbv

RT: 3.855 min Scan# 1164

Delta R.T. -0.003 min

Lab File: VL042616.D

Acq: 05 Jun 2025 10:56

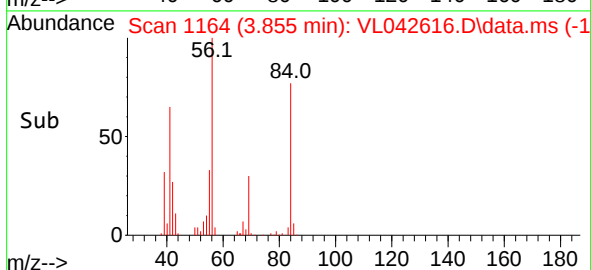
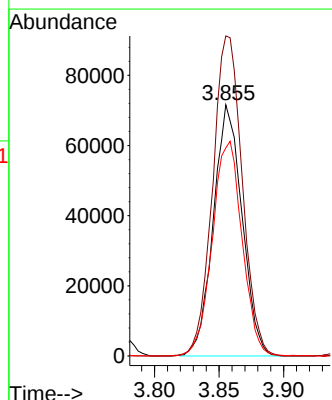
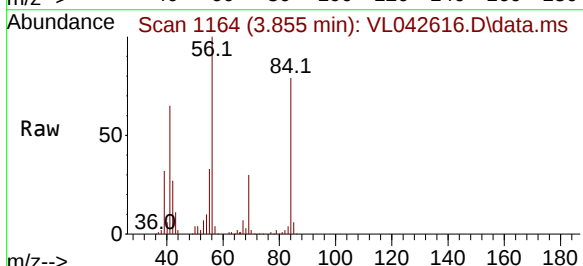
Tgt Ion: 84 Resp: 110635

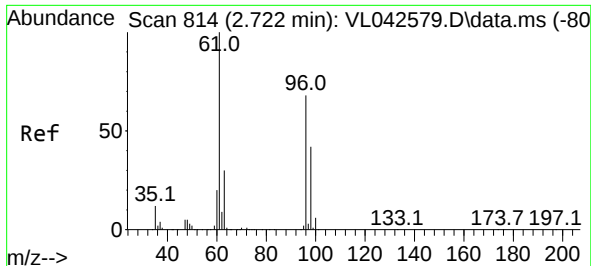
Ion Ratio Lower Upper

84 100

56 131.3 103.7 155.5

41 88.9 65.1 97.7

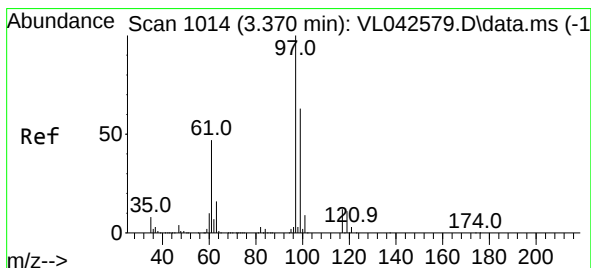
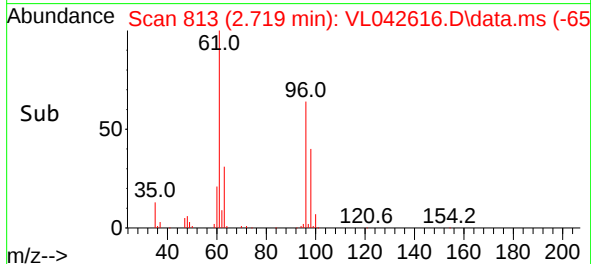
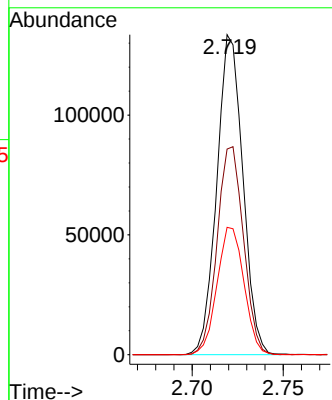
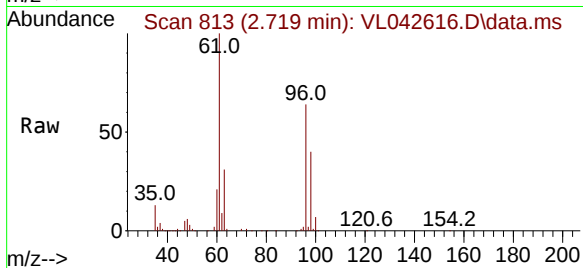




#31
 cis-1,2-Dichloroethene
 Concen: 9.474 ppbv
 RT: 2.719 min Scan# 81
 Delta R.T. -0.003 min
 Lab File: VL042616.D
 Acq: 05 Jun 2025 10:56

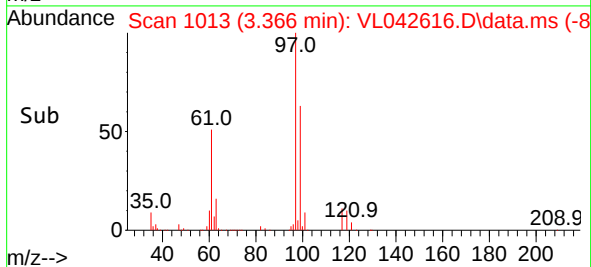
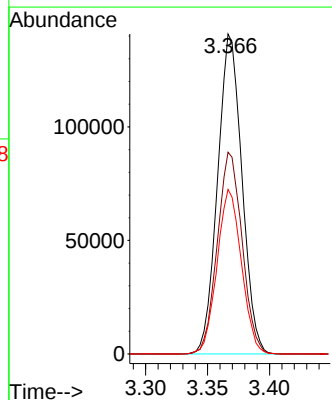
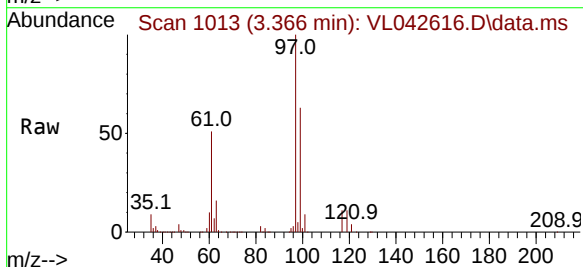
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0605ABS01

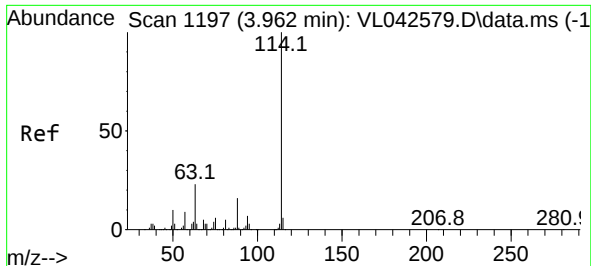
Tgt Ion: 61 Resp: 132654
 Ion Ratio Lower Upper
 61 100
 96 64.2 54.5 81.7
 98 39.8 33.4 50.2



#32
 1,1,1-Trichloroethane
 Concen: 9.501 ppbv
 RT: 3.366 min Scan# 1013
 Delta R.T. -0.003 min
 Lab File: VL042616.D
 Acq: 05 Jun 2025 10:56

Tgt Ion: 97 Resp: 193227
 Ion Ratio Lower Upper
 97 100
 99 64.1 51.0 76.6
 61 51.5 39.4 59.0





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.959 min Scan# 1196

Delta R.T. -0.003 min

Lab File: VL042616.D

Acq: 05 Jun 2025 10:56

Instrument :

MSVOA_L

ClientSampleId :

VL0605ABS01

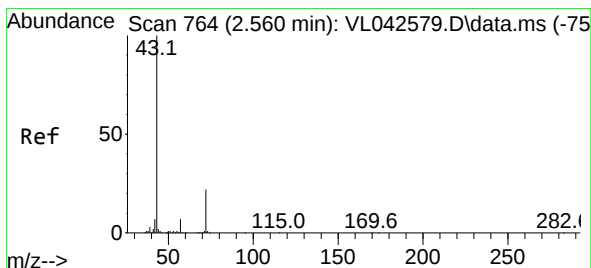
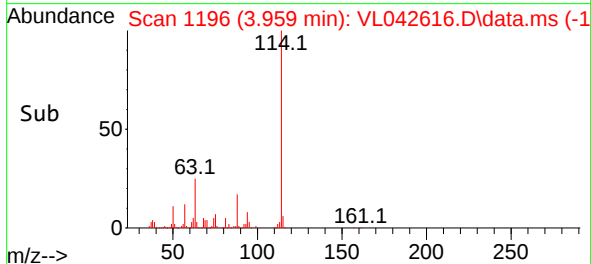
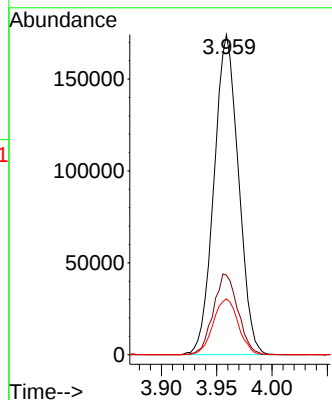
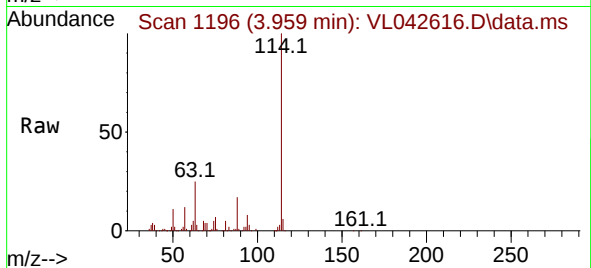
Tgt Ion:114 Resp: 268029

Ion Ratio Lower Upper

114 100

63 25.4 19.0 28.6

88 17.8 13.6 20.4



#34

2-Butanone

Concen: 10.932 ppbv

RT: 2.557 min Scan# 763

Delta R.T. -0.003 min

Lab File: VL042616.D

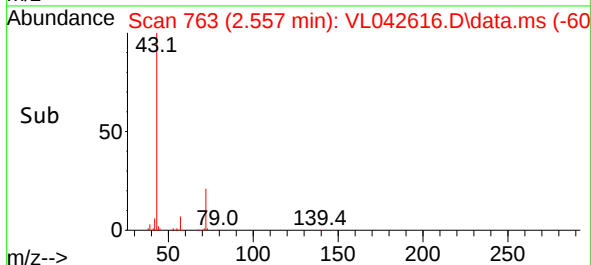
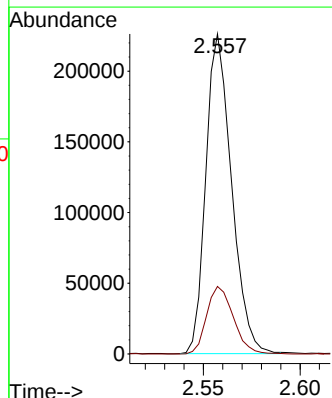
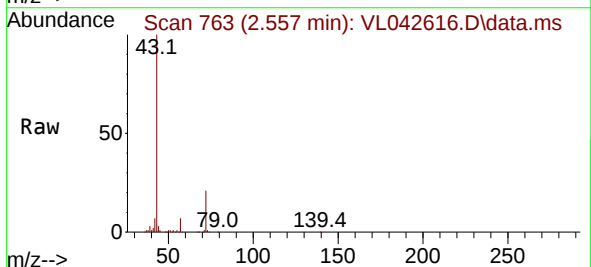
Acq: 05 Jun 2025 10:56

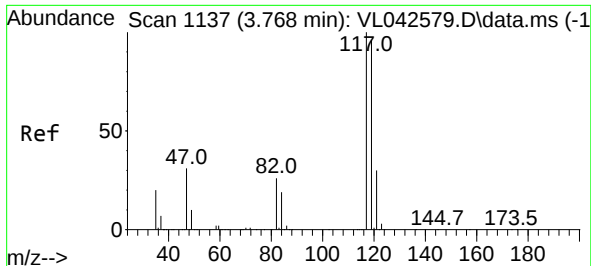
Tgt Ion: 43 Resp: 208953

Ion Ratio Lower Upper

43 100

72 21.9 17.7 26.5

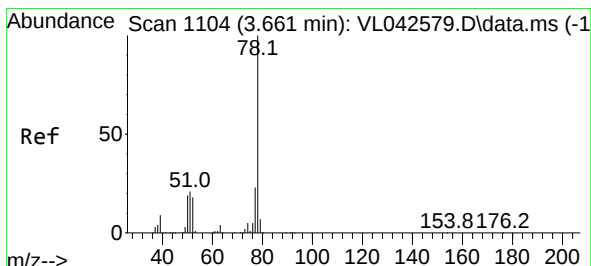
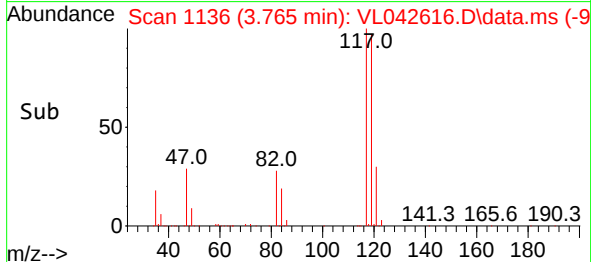
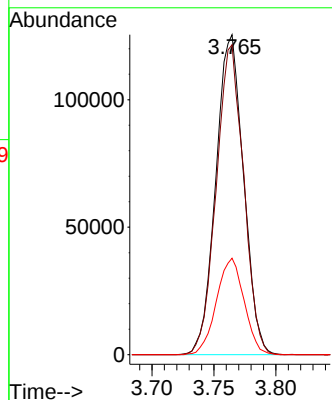
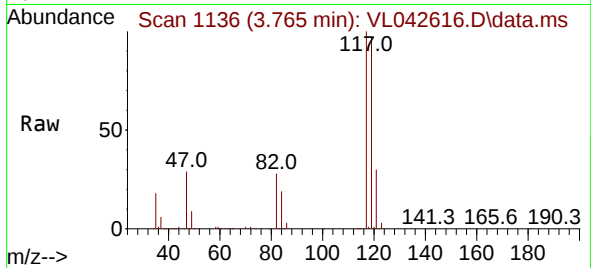




#35
Carbon Tetrachloride
Concen: 11.053 ppbv
RT: 3.765 min Scan# 1136
Delta R.T. -0.003 min
Lab File: VL042616.D
Acq: 05 Jun 2025 10:56

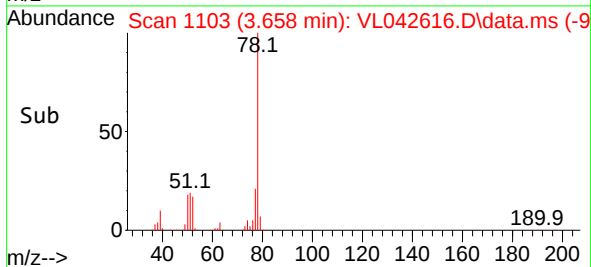
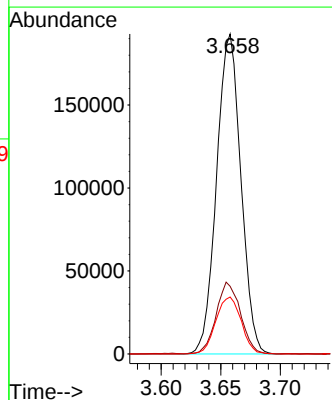
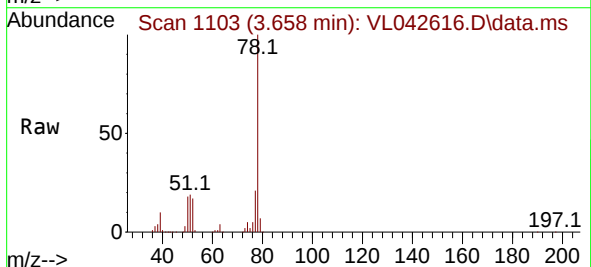
Instrument :
MSVOA_L
ClientSampleId :
VL0605ABS01

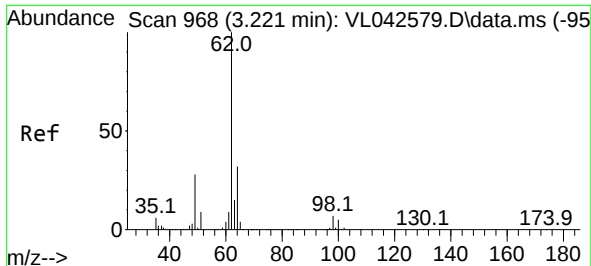
Tgt Ion:117 Resp: 195562
Ion Ratio Lower Upper
117 100
119 96.7 76.8 115.2
121 30.2 24.3 36.5



#36
Benzene
Concen: 10.344 ppbv
RT: 3.658 min Scan# 1103
Delta R.T. -0.003 min
Lab File: VL042616.D
Acq: 05 Jun 2025 10:56

Tgt Ion: 78 Resp: 273021
Ion Ratio Lower Upper
78 100
77 21.1 18.2 27.2
50 17.7 15.2 22.8

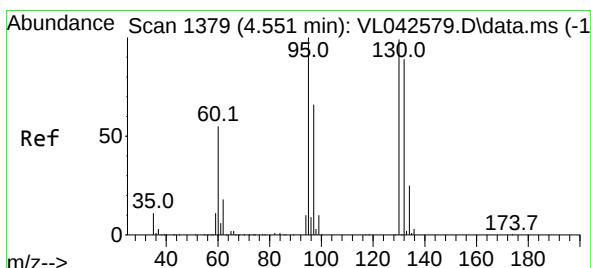
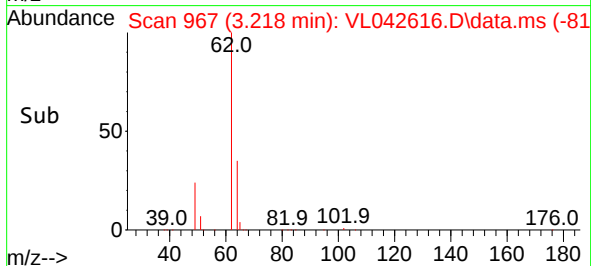
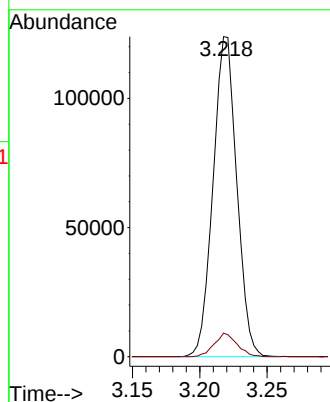
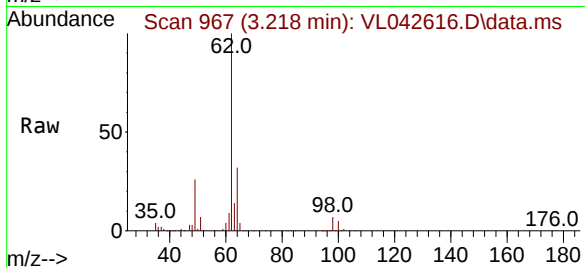




#37
1,2-Dichloroethane
Concen: 11.554 ppbv
RT: 3.218 min Scan# 967
Delta R.T. -0.003 min
Lab File: VL042616.D
Acq: 05 Jun 2025 10:56

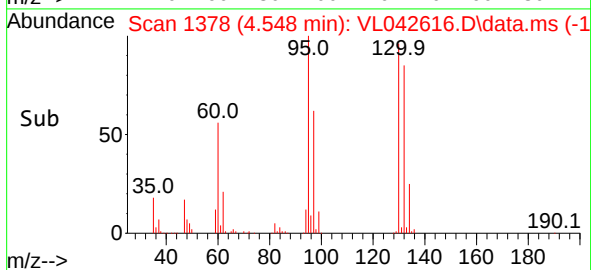
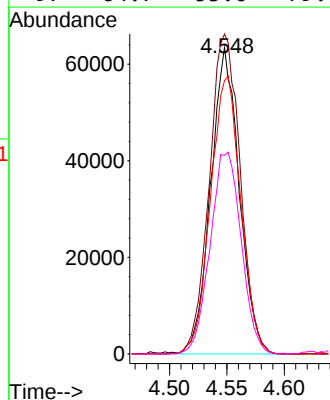
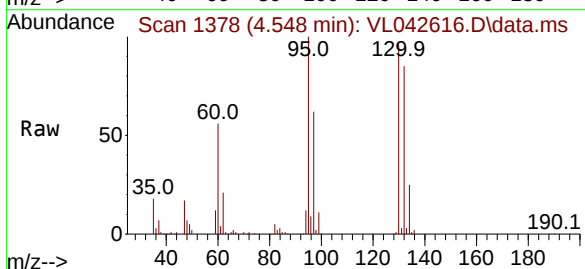
Instrument :
MSVOA_L
ClientSampleId :
VL0605ABS01

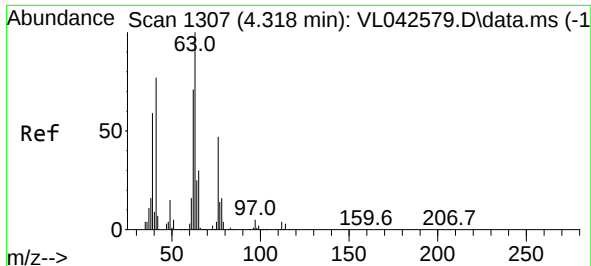
Tgt Ion: 62 Resp: 151559
Ion Ratio Lower Upper
62 100
98 7.0 6.1 9.1



#38
Trichloroethene
Concen: 9.783 ppbv
RT: 4.548 min Scan# 1378
Delta R.T. -0.003 min
Lab File: VL042616.D
Acq: 05 Jun 2025 10:56

Tgt Ion: 130 Resp: 109759
Ion Ratio Lower Upper
130 100
95 104.2 80.6 121.0
132 88.9 71.8 107.6
97 64.7 53.0 79.4





#39

1,2-Dichloropropane

Concen: 10.493 ppbv

RT: 4.315 min Scan# 11

Delta R.T. -0.003 min

Lab File: VL042616.D

Acq: 05 Jun 2025 10:56

Instrument :

MSVOA_L

ClientSampleId :

VL0605ABS01

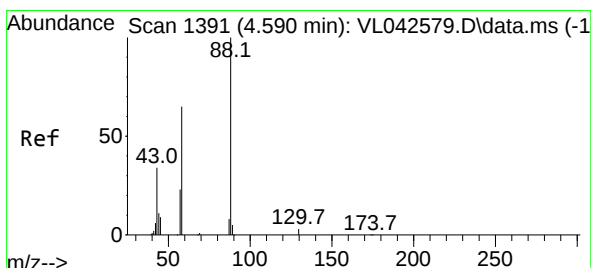
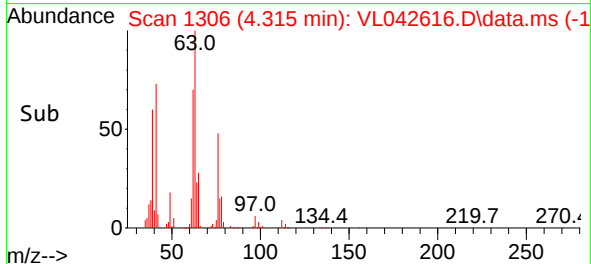
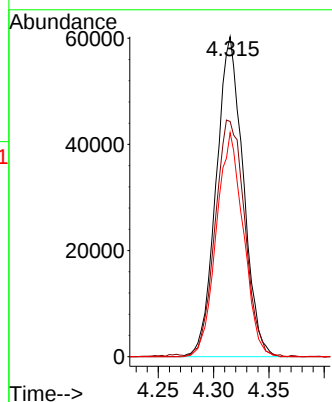
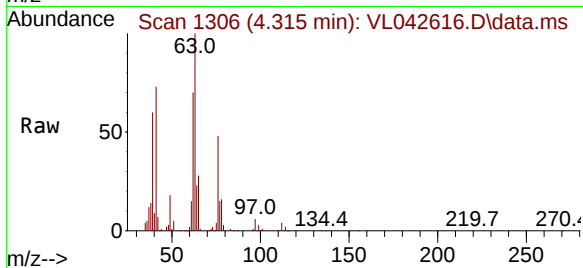
Tgt Ion: 63 Resp: 102423

Ion Ratio Lower Upper

63 100

41 73.0 61.8 92.6

62 70.0 56.6 85.0



#40

1,4-Dioxane

Concen: 10.034 ppbv

RT: 4.583 min Scan# 1389

Delta R.T. -0.006 min

Lab File: VL042616.D

Acq: 05 Jun 2025 10:56

Tgt Ion: 88 Resp: 43825

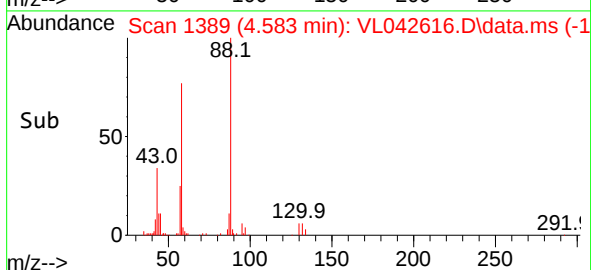
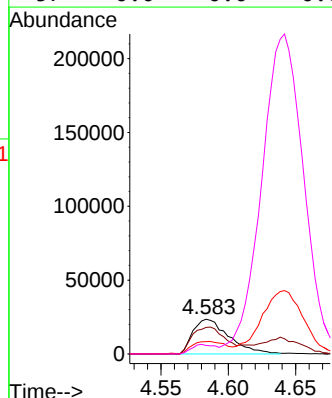
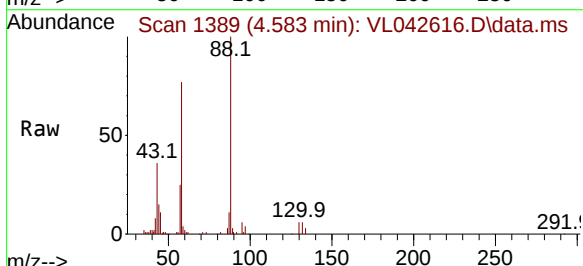
Ion Ratio Lower Upper

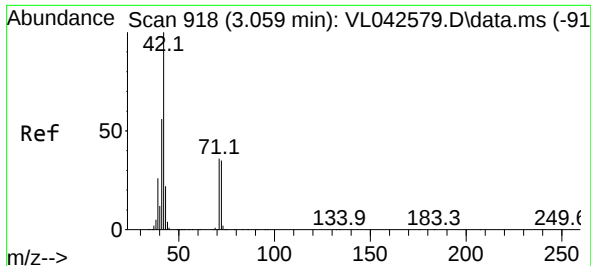
88 100

58 80.9 55.8 83.8

43 0.0 24.8 37.2#

57 0.0 0.0 0.0

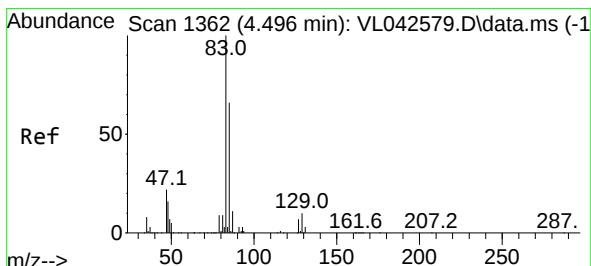
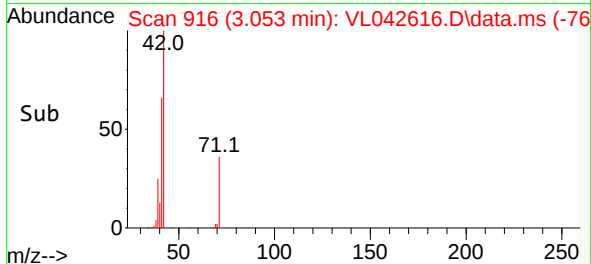
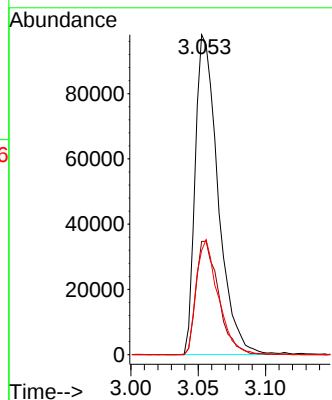
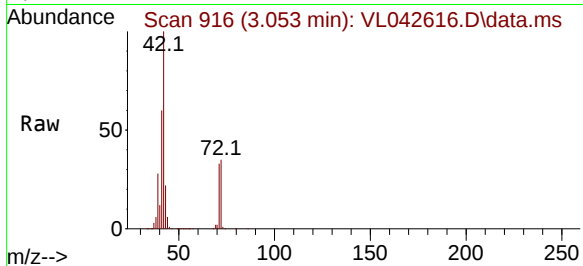




#41
Tetrahydrofuran
Concen: 10.317 ppbv
RT: 3.053 min Scan# 918
Delta R.T. -0.006 min
Lab File: VL042616.D
Acq: 05 Jun 2025 10:56

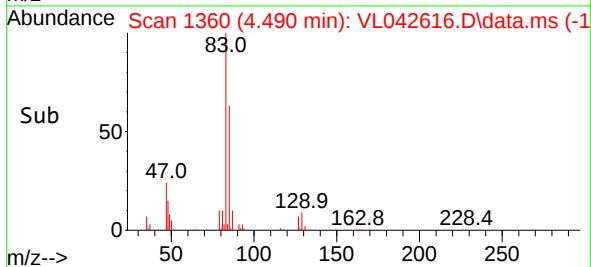
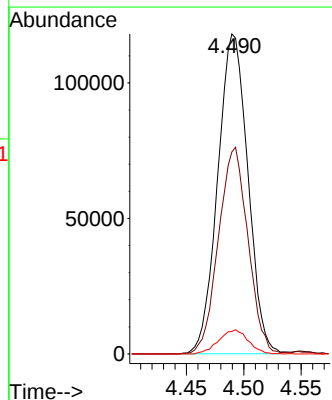
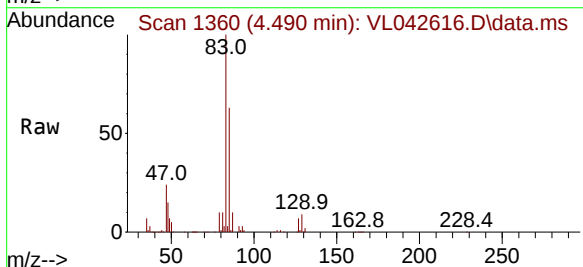
Instrument :
MSVOA_L
ClientSampleId :
VL0605ABS01

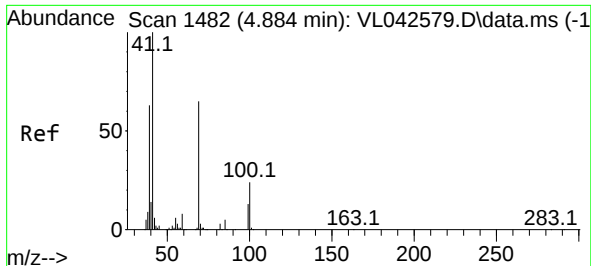
Tgt Ion: 42 Resp: 115430
Ion Ratio Lower Upper
42 100
72 35.2 28.9 43.3
71 34.8 28.5 42.7



#42
Bromodichloromethane
Concen: 11.571 ppbv
RT: 4.490 min Scan# 1360
Delta R.T. -0.006 min
Lab File: VL042616.D
Acq: 05 Jun 2025 10:56

Tgt Ion: 83 Resp: 215587
Ion Ratio Lower Upper
83 100
85 63.1 52.7 79.1
127 7.0 5.8 8.6

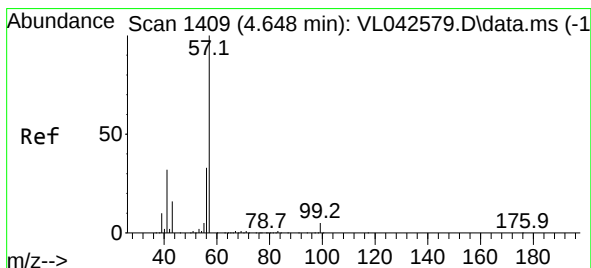
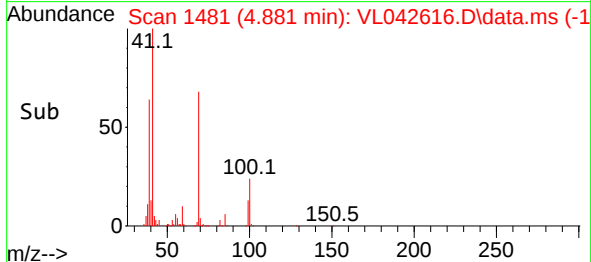
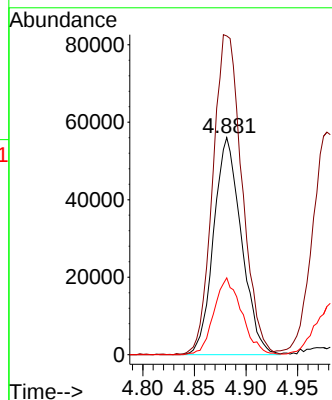
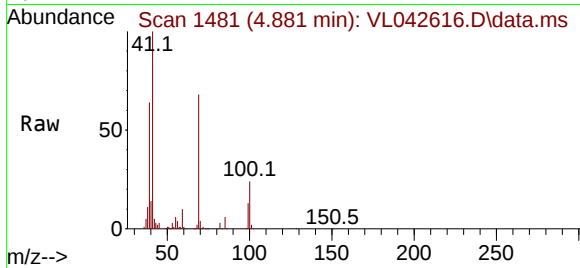




#43
Methyl Methacrylate
Concen: 10.250 ppbv
RT: 4.881 min Scan# 1482
Delta R.T. -0.003 min
Lab File: VL042616.D
Acq: 05 Jun 2025 10:56

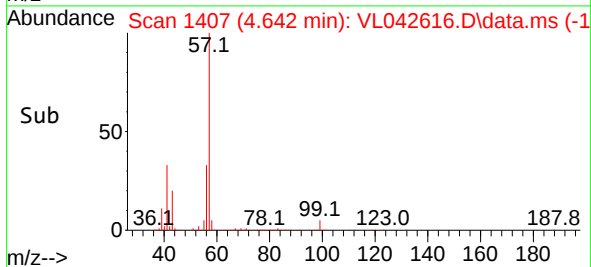
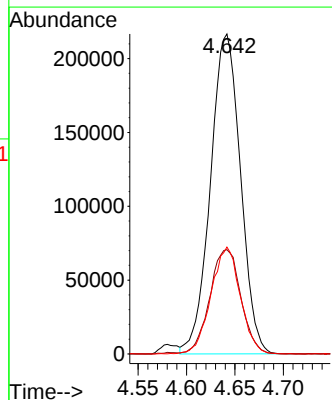
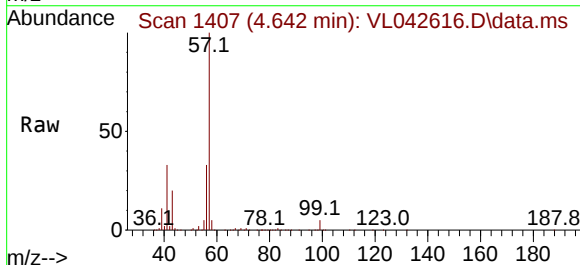
Instrument :
MSVOA_L
ClientSampleId :
VL0605ABS01

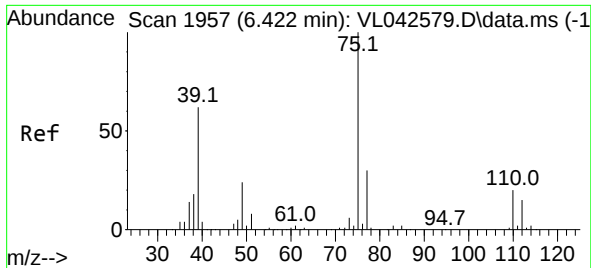
Tgt Ion: 69 Resp: 105007
Ion Ratio Lower Upper
69 100
41 155.0 124.6 187.0
100 35.3 29.9 44.9



#44
2,2,4-Trimethylpentane
Concen: 10.380 ppbv
RT: 4.642 min Scan# 1407
Delta R.T. -0.006 min
Lab File: VL042616.D
Acq: 05 Jun 2025 10:56

Tgt Ion: 57 Resp: 468613
Ion Ratio Lower Upper
57 100
41 33.8 26.1 39.1
56 32.6 25.9 38.9

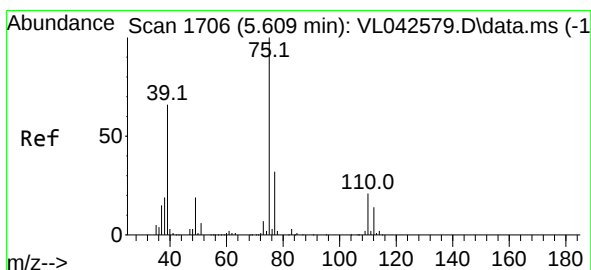
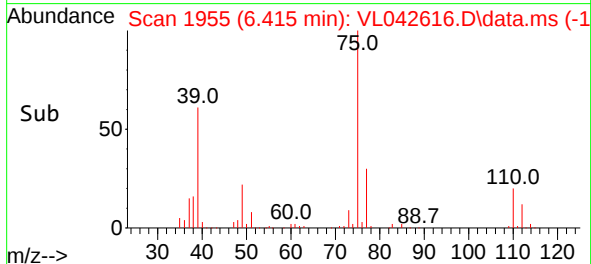
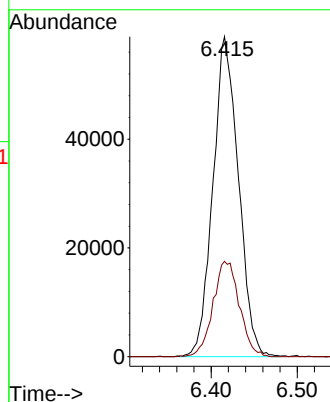
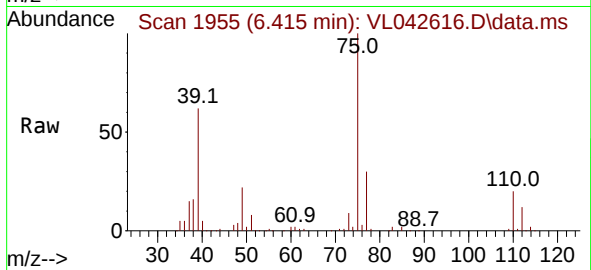




#45
 t-1,3-Dichloropropene
 Concen: 10.338 ppbv
 RT: 6.415 min Scan# 1955
 Delta R.T. -0.006 min
 Lab File: VL042616.D
 Acq: 05 Jun 2025 10:56

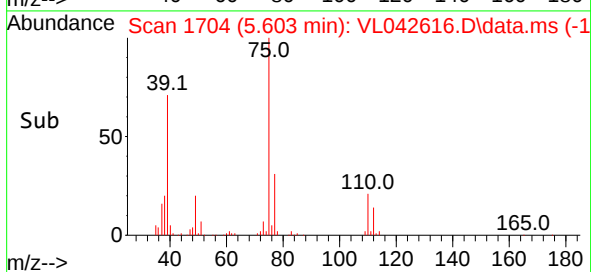
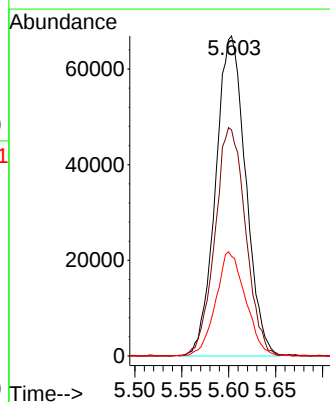
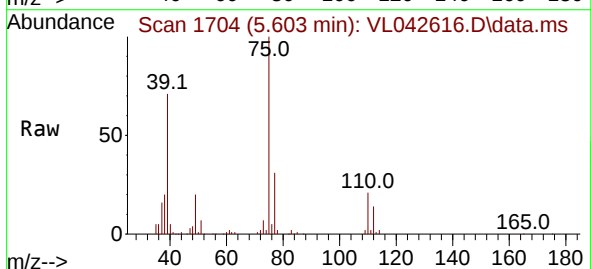
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0605ABS01

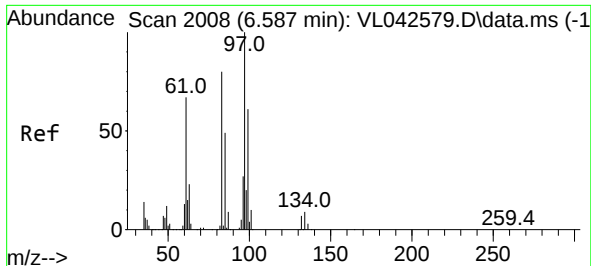
Tgt Ion: 75 Resp: 121185
 Ion Ratio Lower Upper
 75 100
 77 29.8 24.2 36.2



#46
 cis-1,3-Dichloropropene
 Concen: 10.163 ppbv
 RT: 5.603 min Scan# 1704
 Delta R.T. -0.006 min
 Lab File: VL042616.D
 Acq: 05 Jun 2025 10:56

Tgt Ion: 75 Resp: 149286
 Ion Ratio Lower Upper
 75 100
 39 70.4 52.7 79.1
 77 31.1 25.8 38.8





#47

1,1,2-Trichloroethane

Concen: 10.499 ppbv

RT: 6.584 min Scan# 2008

Delta R.T. -0.003 min

Lab File: VL042616.D

Acq: 05 Jun 2025 10:56

Instrument :

MSVOA_L

ClientSampleId :

VL0605ABS01

Tgt Ion: 97 Resp: 106076

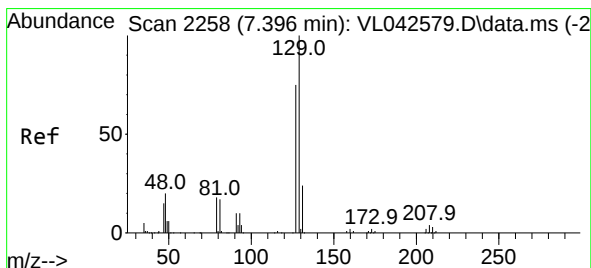
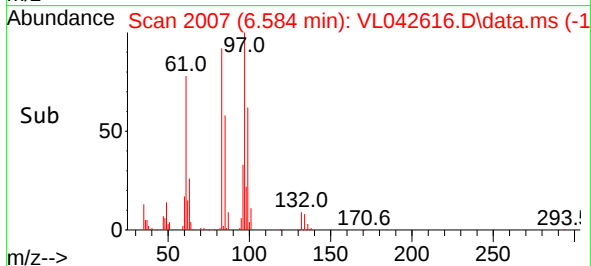
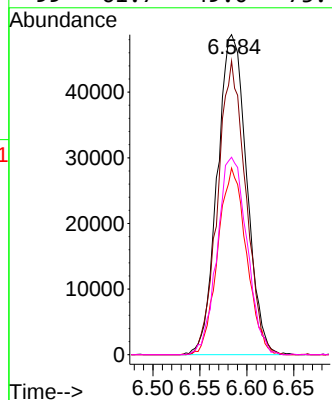
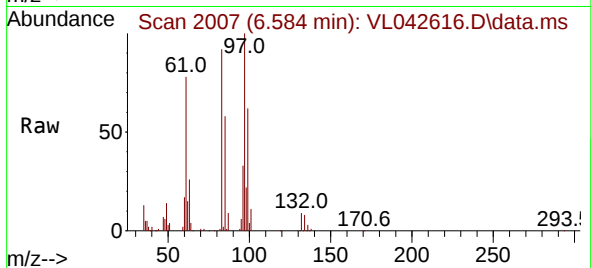
Ion Ratio Lower Upper

97 100

83 91.7 63.9 95.9

85 58.3 39.2 58.8

99 61.7 49.0 73.4



#48

Dibromochloromethane

Concen: 10.635 ppbv

RT: 7.390 min Scan# 2256

Delta R.T. -0.006 min

Lab File: VL042616.D

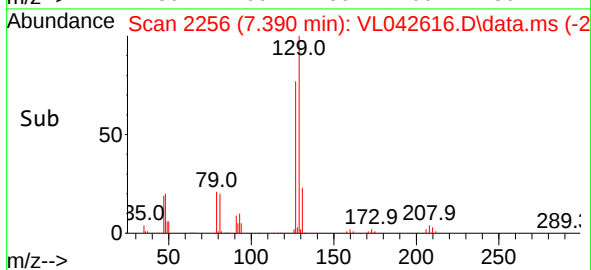
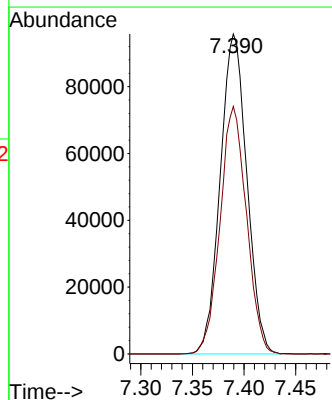
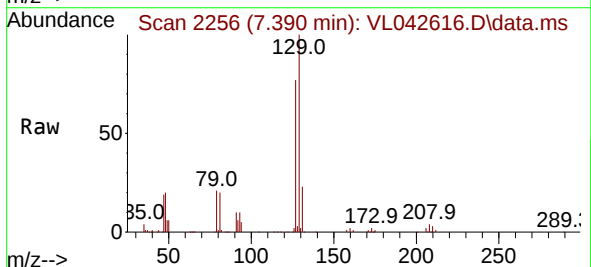
Acq: 05 Jun 2025 10:56

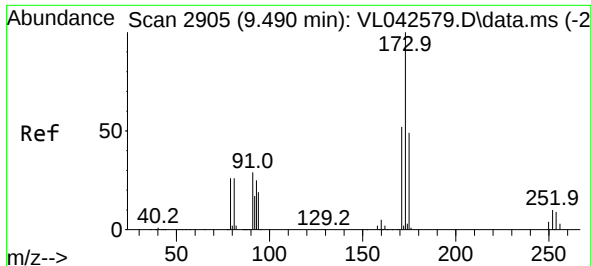
Tgt Ion: 129 Resp: 172013

Ion Ratio Lower Upper

129 100

127 76.7 39.0 116.9

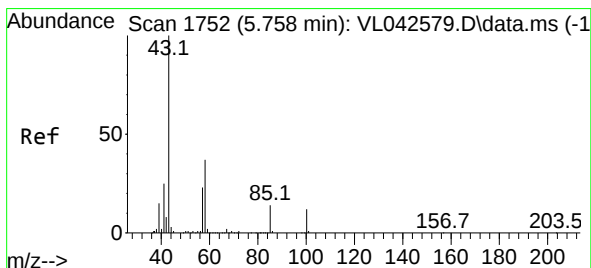
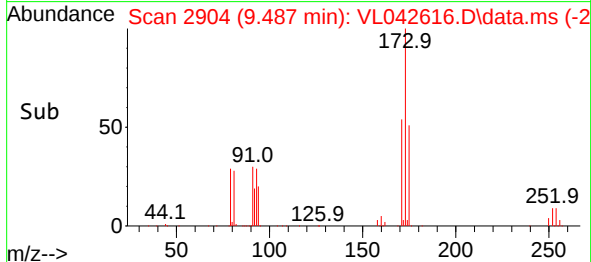
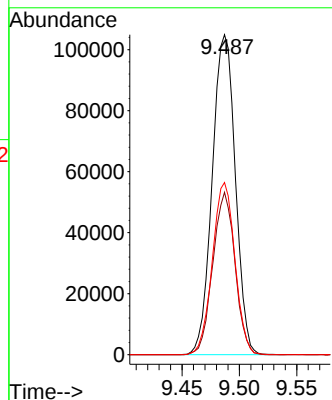
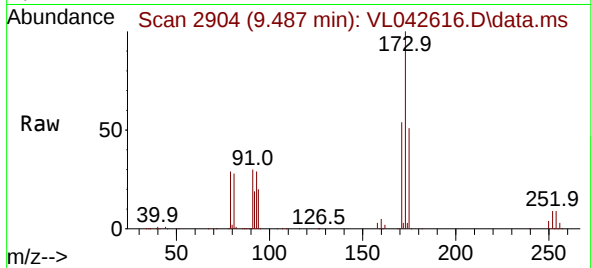




#49
Bromoform
Concen: 10.537 ppbv
RT: 9.487 min Scan# 2904
Delta R.T. -0.003 min
Lab File: VL042616.D
Acq: 05 Jun 2025 10:56

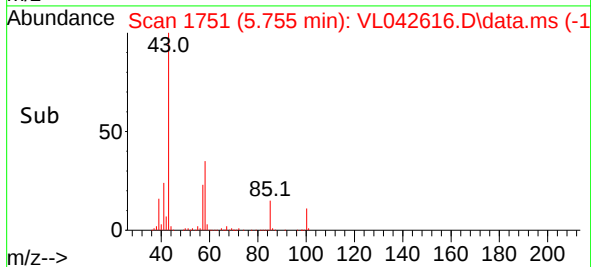
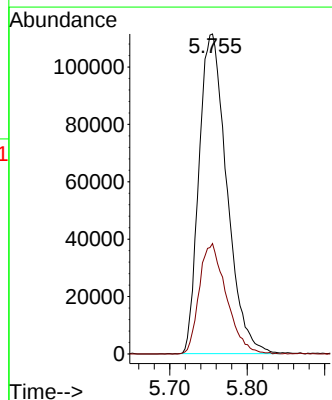
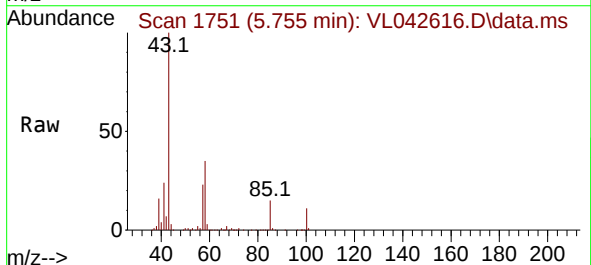
Instrument :
MSVOA_L
ClientSampleId :
VL0605ABS01

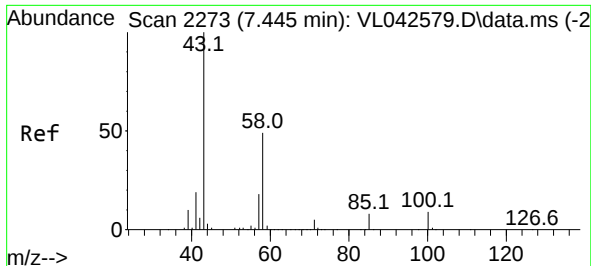
Tgt Ion:173 Resp: 147054
Ion Ratio Lower Upper
173 100
175 48.7 38.7 58.1
171 52.5 41.2 61.8



#50
4-Methyl-2-Pentanone
Concen: 10.485 ppbv
RT: 5.755 min Scan# 1751
Delta R.T. -0.003 min
Lab File: VL042616.D
Acq: 05 Jun 2025 10:56

Tgt Ion: 43 Resp: 277969
Ion Ratio Lower Upper
43 100
58 33.8 28.3 42.5

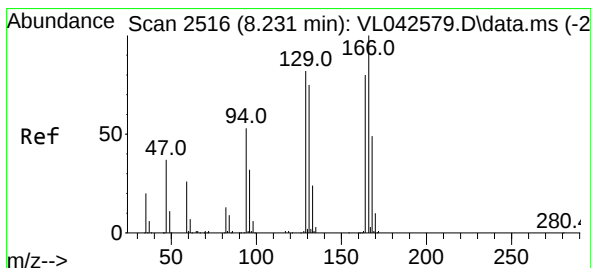
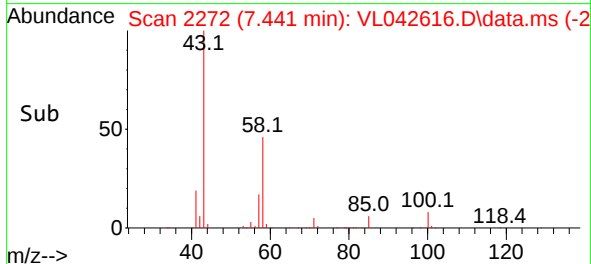
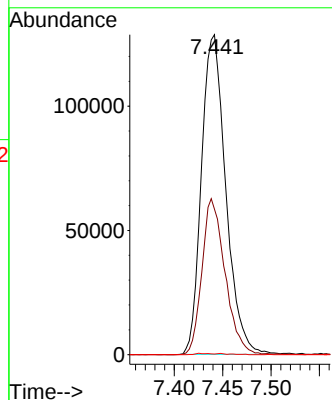
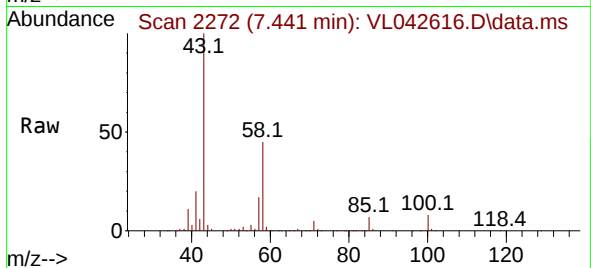




#51
 2-Hexanone
 Concen: 10.693 ppbv
 RT: 7.441 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: VL042616.D
 Acq: 05 Jun 2025 10:56

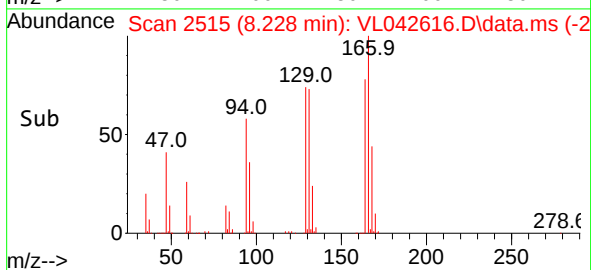
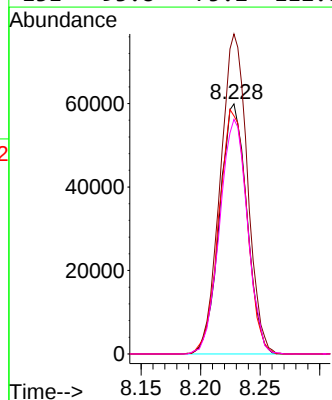
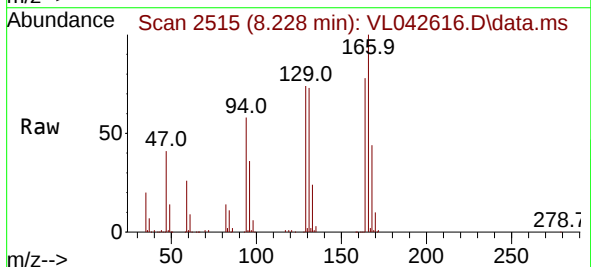
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0605ABS01

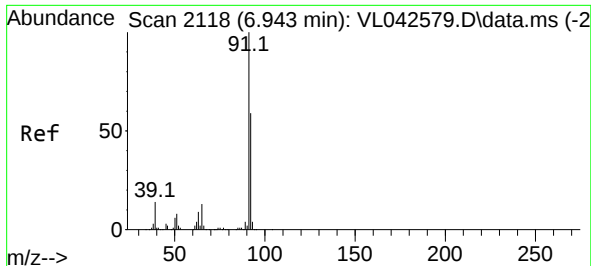
Tgt Ion: 43 Resp: 224841
 Ion Ratio Lower Upper
 43 100
 58 46.4 39.9 59.9
 98 0.5 0.1 0.1#



#52
 Tetrachloroethene
 Concen: 9.641 ppbv
 RT: 8.228 min Scan# 2515
 Delta R.T. -0.003 min
 Lab File: VL042616.D
 Acq: 05 Jun 2025 10:56

Tgt Ion:164 Resp: 95084
 Ion Ratio Lower Upper
 164 100
 166 128.0 100.0 150.0
 129 95.2 82.2 123.4
 131 93.8 75.2 112.8

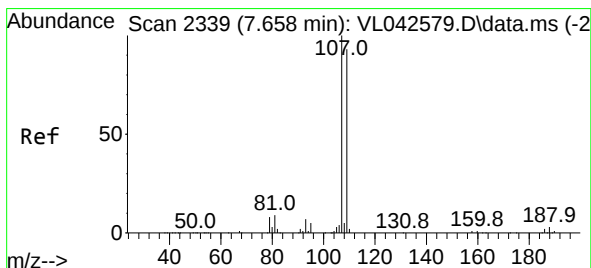
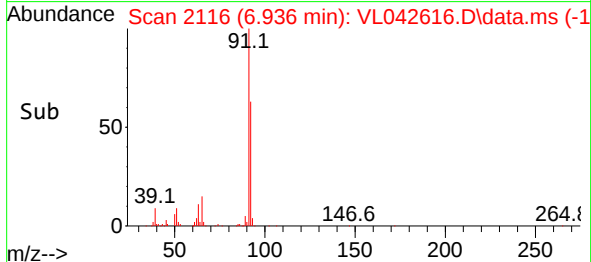
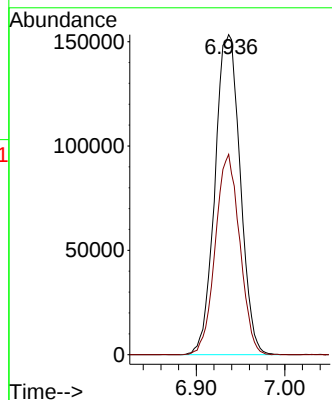
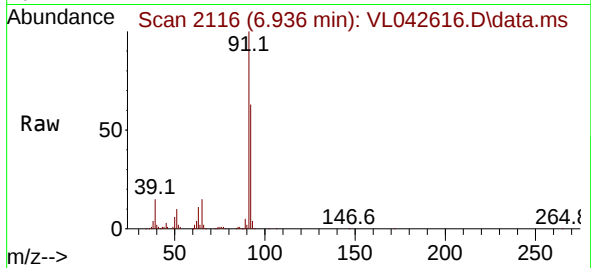




#53
Toluene
Concen: 9.975 ppbv
RT: 6.936 min Scan# 2116
Delta R.T. -0.006 min
Lab File: VL042616.D
Acq: 05 Jun 2025 10:56

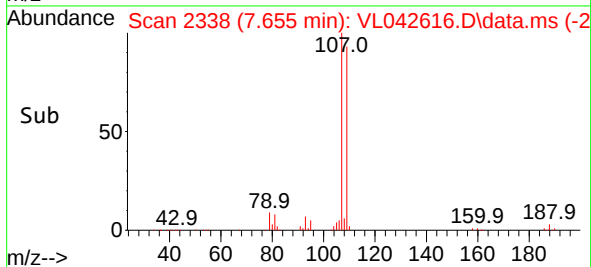
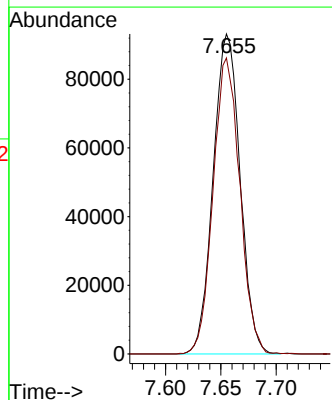
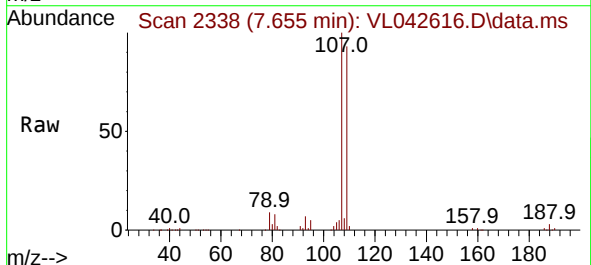
Instrument :
MSVOA_L
ClientSampleId :
VL0605ABS01

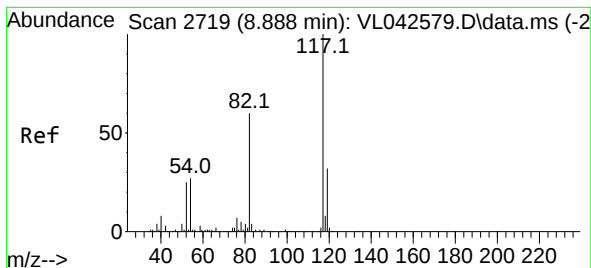
Tgt Ion: 91 Resp: 304300
Ion Ratio Lower Upper
91 100
92 60.5 48.2 72.4



#54
1,2-Dibromoethane
Concen: 10.564 ppbv
RT: 7.655 min Scan# 2338
Delta R.T. -0.003 min
Lab File: VL042616.D
Acq: 05 Jun 2025 10:56

Tgt Ion: 107 Resp: 157984
Ion Ratio Lower Upper
107 100
109 92.4 74.3 111.5





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 8.885 min Scan# 21

Delta R.T. -0.003 min

Lab File: VL042616.D

Acq: 05 Jun 2025 10:56

Instrument :

MSVOA_L

ClientSampleId :

VL0605ABS01

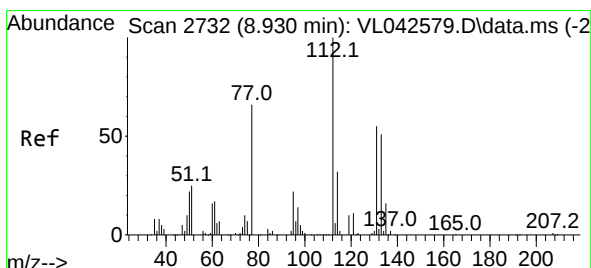
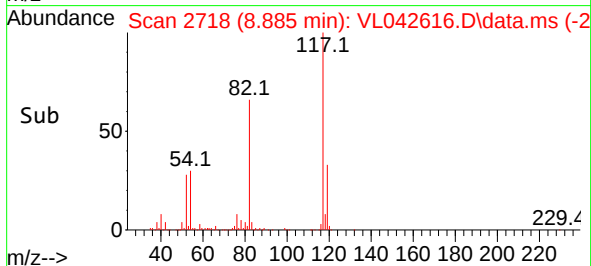
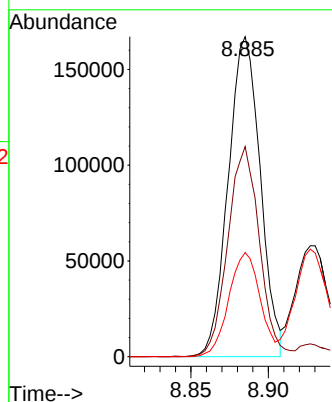
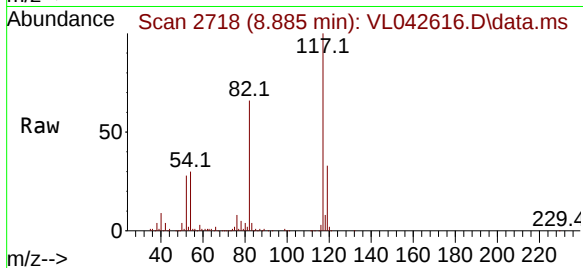
Tgt Ion:117 Resp: 241140

Ion Ratio Lower Upper

117 100

82 68.0 51.2 76.8

119 31.7 26.3 39.5



#56

1,1,1,2-Tetrachloroethane

Concen: 10.610 ppbv

RT: 8.927 min Scan# 2731

Delta R.T. -0.003 min

Lab File: VL042616.D

Acq: 05 Jun 2025 10:56

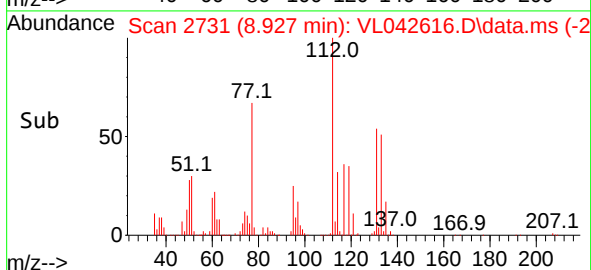
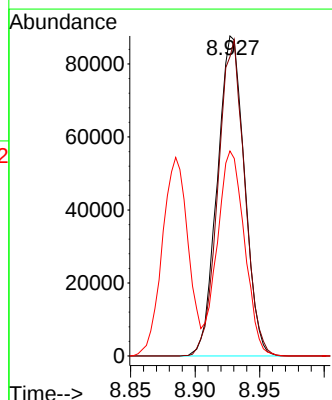
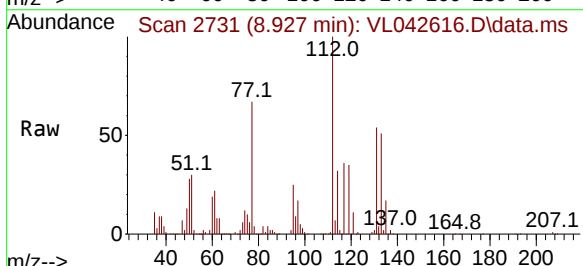
Tgt Ion:131 Resp: 128644

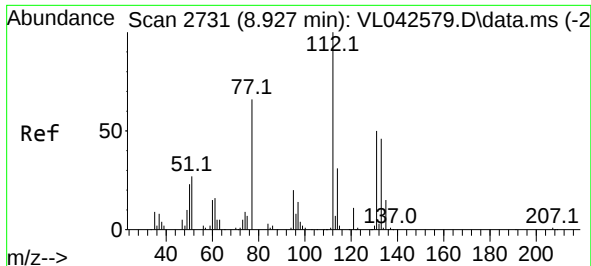
Ion Ratio Lower Upper

131 100

133 96.0 75.0 112.6

119 64.5 50.8 76.2

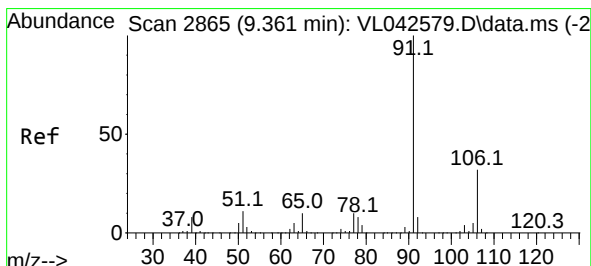
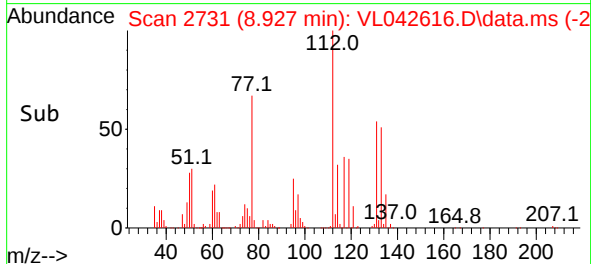
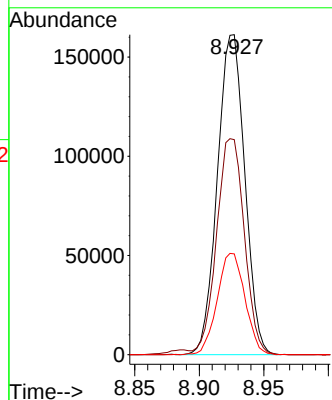
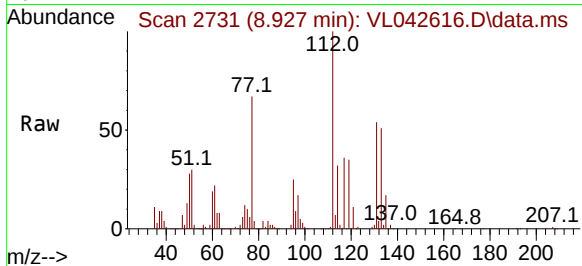




#57
Chlorobenzene
Concen: 10.183 ppbv
RT: 8.927 min Scan# 21
Delta R.T. 0.000 min
Lab File: VL042616.D
Acq: 05 Jun 2025 10:56

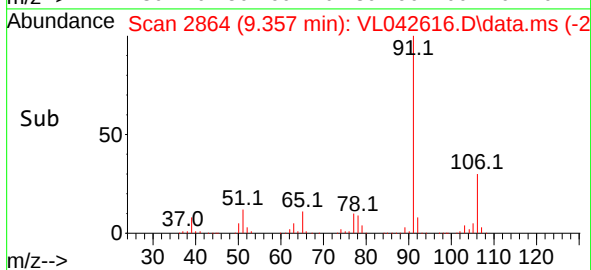
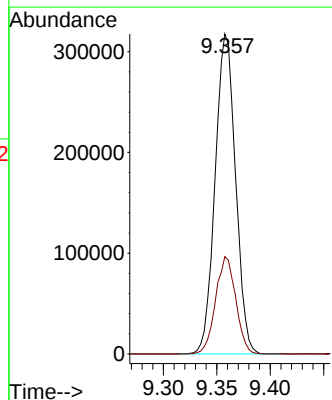
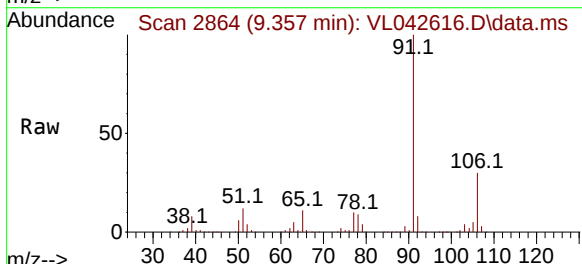
Instrument :
MSVOA_1
ClientSampleId :
VL0605ABS01

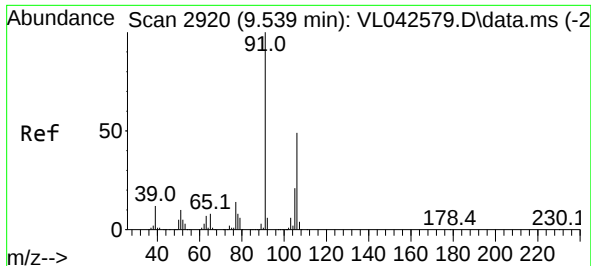
Tgt Ion:112 Resp: 238439
Ion Ratio Lower Upper
112 100
77 67.1 53.5 80.3
114 31.5 27.8 34.0



#58
Ethyl Benzene
Concen: 10.333 ppbv
RT: 9.357 min Scan# 2864
Delta R.T. -0.003 min
Lab File: VL042616.D
Acq: 05 Jun 2025 10:56

Tgt Ion: 91 Resp: 422642
Ion Ratio Lower Upper
91 100
106 30.5 25.9 38.9

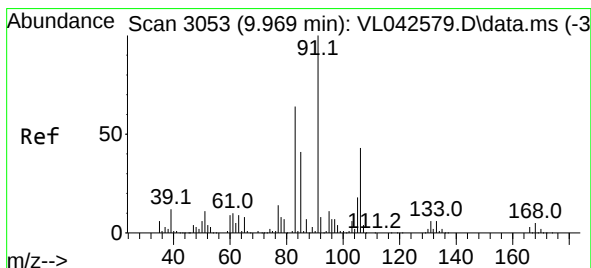
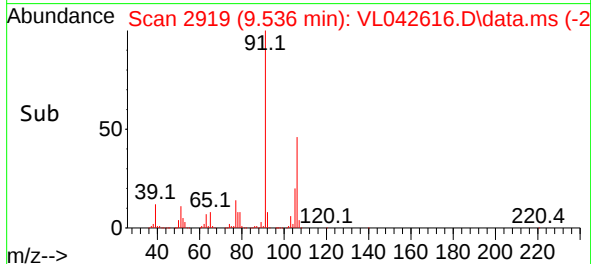
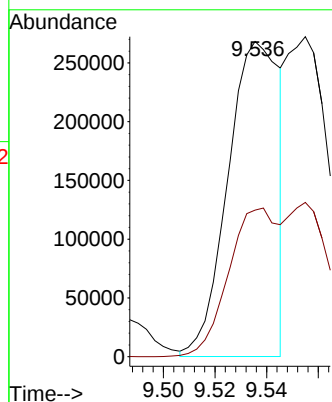
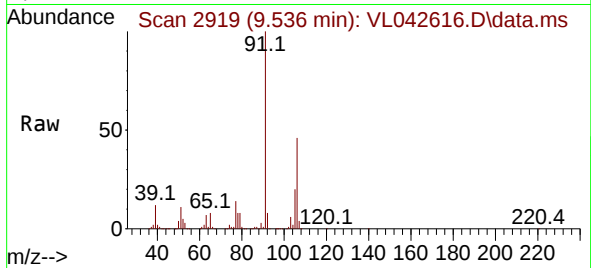




#59
m/p-Xylene
Concen: 11.491 ppbv
RT: 9.536 min Scan# 2919
Delta R.T. -0.003 min
Lab File: VL042616.D
Acq: 05 Jun 2025 10:56

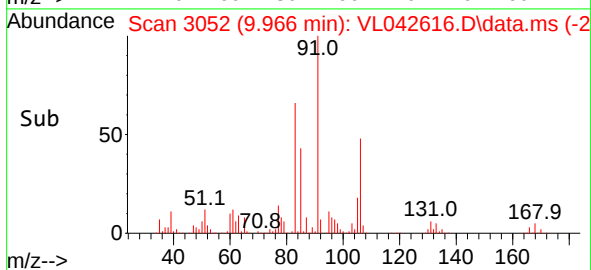
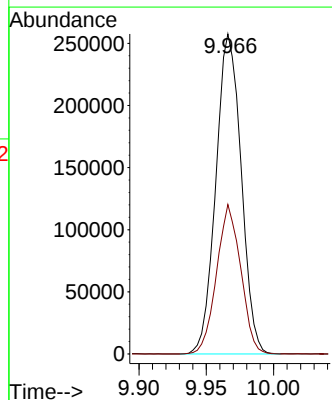
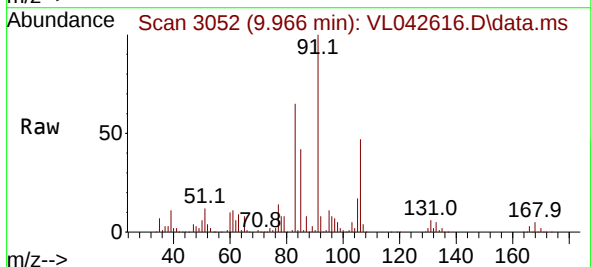
Instrument :
MSVOA_L
ClientSampleId :
VL0605ABS01

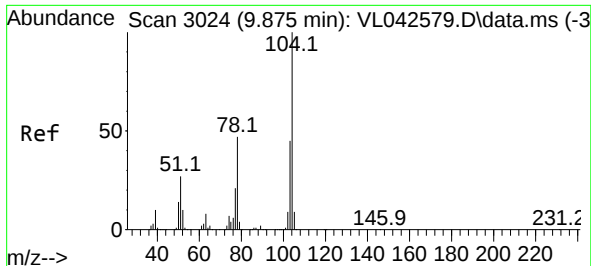
Tgt Ion: 91 Resp: 369879
Ion Ratio Lower Upper
91 100
106 0.0 38.8 58.2#



#60
o-Xylene
Concen: 10.469 ppbv
RT: 9.966 min Scan# 3052
Delta R.T. -0.003 min
Lab File: VL042616.D
Acq: 05 Jun 2025 10:56

Tgt Ion: 91 Resp: 336084
Ion Ratio Lower Upper
91 100
106 44.7 22.9 68.5

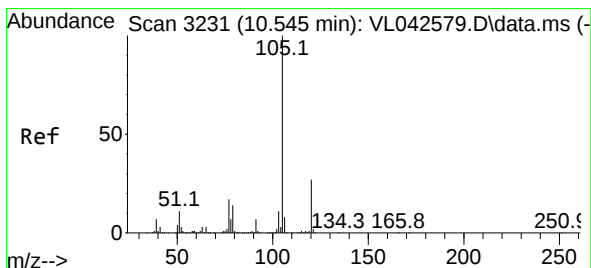
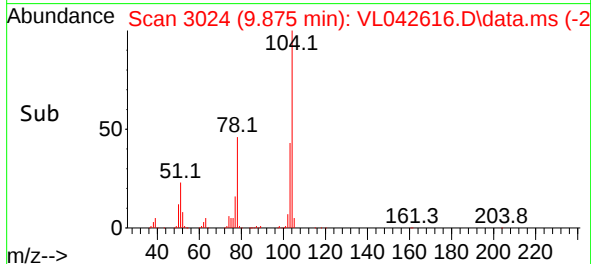
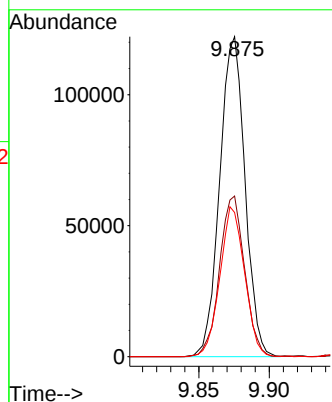
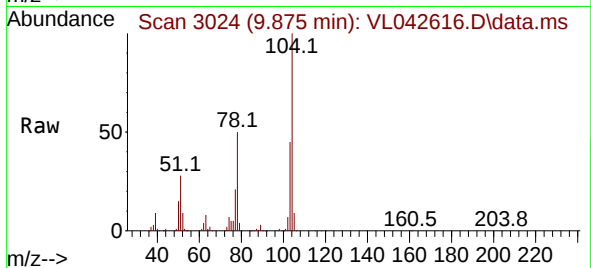




#61
Styrene
Concen: 10.076 ppbv
RT: 9.875 min Scan# 3024
Delta R.T. 0.000 min
Lab File: VL042616.D
Acq: 05 Jun 2025 10:56

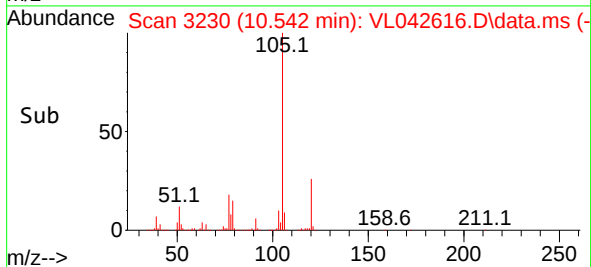
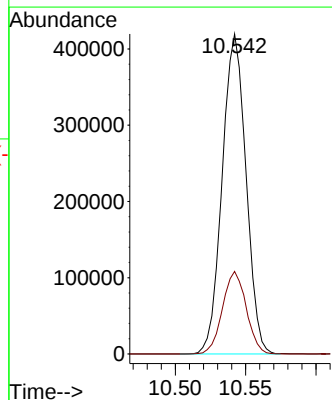
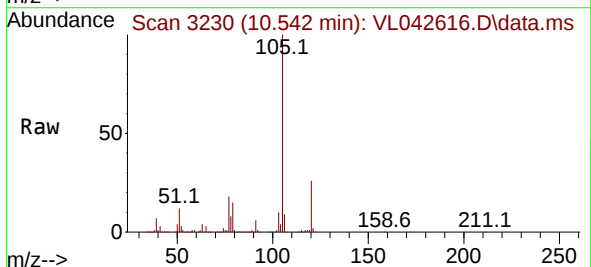
Instrument :
MSVOA_L
ClientSampleId :
VL0605ABS01

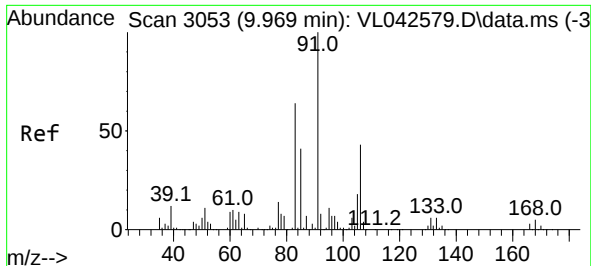
Tgt Ion:104 Resp: 152943
Ion Ratio Lower Upper
104 100
78 49.9 38.2 57.4
103 45.8 36.7 55.1



#62
Isopropylbenzene
Concen: 10.418 ppbv
RT: 10.542 min Scan# 3230
Delta R.T. -0.003 min
Lab File: VL042616.D
Acq: 05 Jun 2025 10:56

Tgt Ion:105 Resp: 494093
Ion Ratio Lower Upper
105 100
120 25.7 20.9 31.3

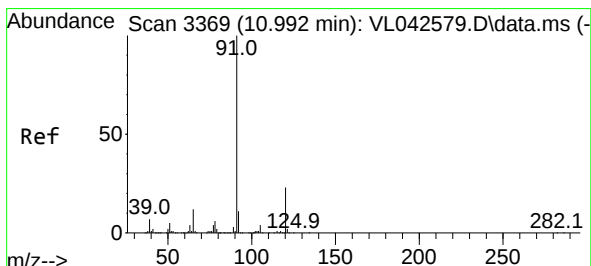
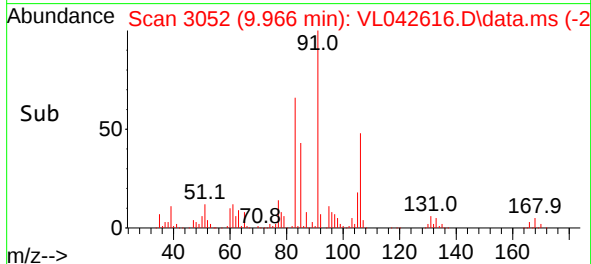
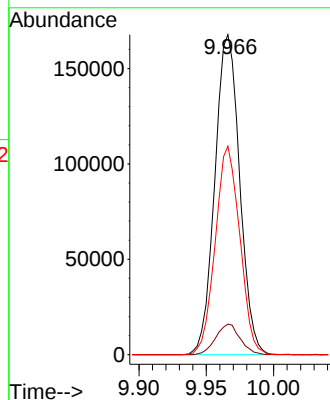
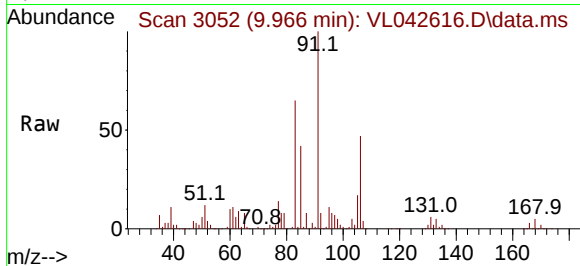




#63
1,1,2,2-Tetrachloroethane
Concen: 10.537 ppbv
RT: 9.966 min Scan# 3053
Delta R.T. -0.003 min
Lab File: VL042616.D
Acq: 05 Jun 2025 10:56

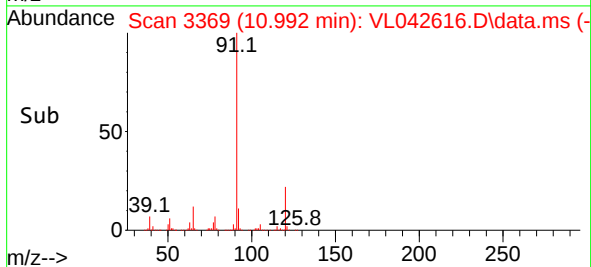
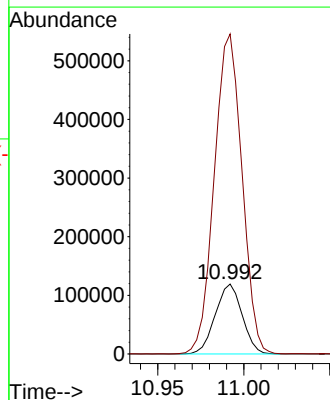
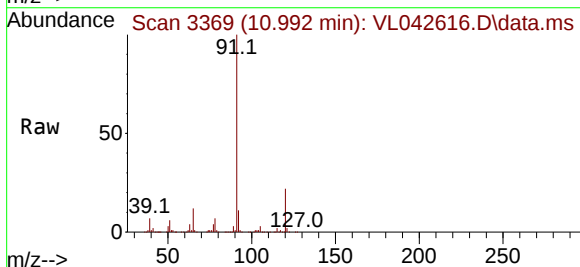
Instrument :
MSVOA_L
ClientSampleId :
VL0605ABS01

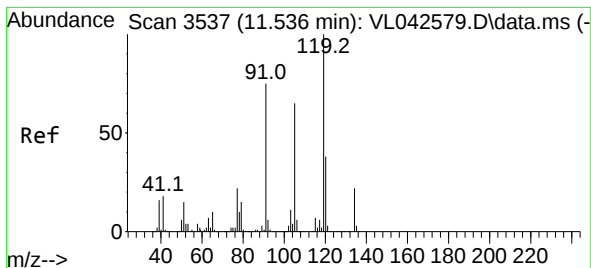
Tgt Ion: 83 Resp: 215101
Ion Ratio Lower Upper
83 100
131 9.4 4.8 14.4
85 64.4 32.5 97.4



#64
n-propylbenzene
Concen: 10.180 ppbv
RT: 10.992 min Scan# 3369
Delta R.T. 0.000 min
Lab File: VL042616.D
Acq: 05 Jun 2025 10:56

Tgt Ion: 120 Resp: 129419
Ion Ratio Lower Upper
120 100
91 472.4 363.0 544.6

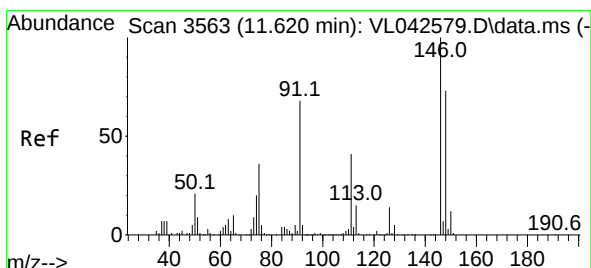
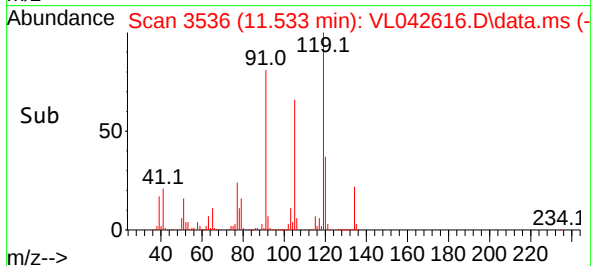
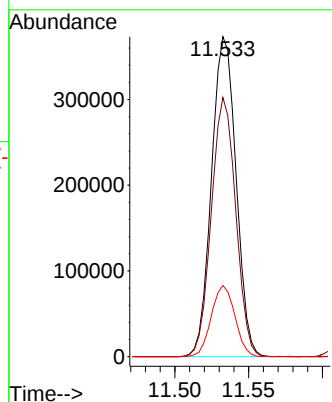
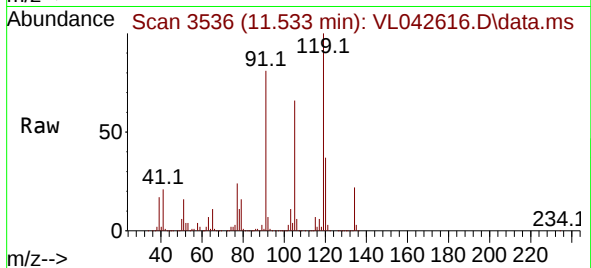




#65
tert-Butylbenzene
Concen: 10.041 ppbv
RT: 11.533 min Scan# 3536
Delta R.T. -0.003 min
Lab File: VL042616.D
Acq: 05 Jun 2025 10:56

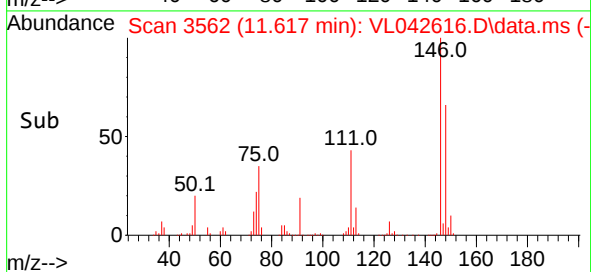
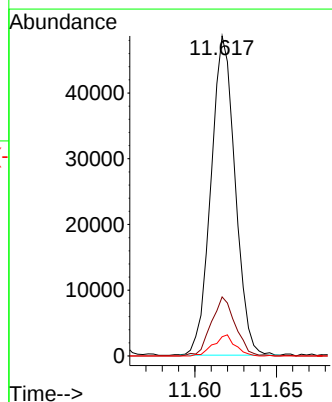
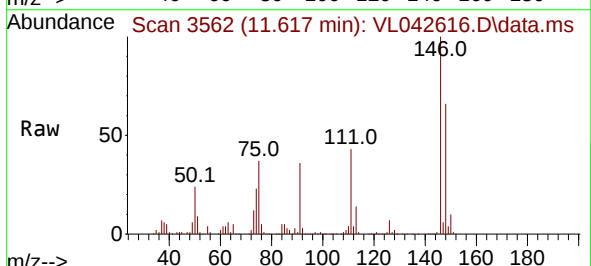
Instrument :
MSVOA_L
ClientSampleId :
VL0605ABS01

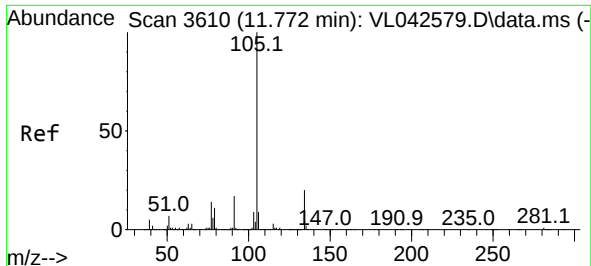
Tgt Ion:119 Resp: 432174
Ion Ratio Lower Upper
119 100
91 80.4 61.1 91.7
134 21.4 17.4 26.2



#66
Benzyl Chloride
Concen: 9.012 ppbv
RT: 11.617 min Scan# 3562
Delta R.T. -0.003 min
Lab File: VL042616.D
Acq: 05 Jun 2025 10:56

Tgt Ion: 91 Resp: 49930
Ion Ratio Lower Upper
91 100
126 18.5 15.1 22.7
128 6.0 5.0 7.6

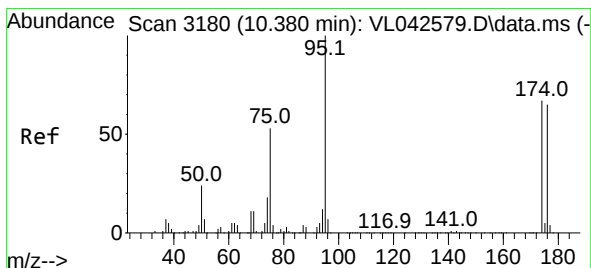
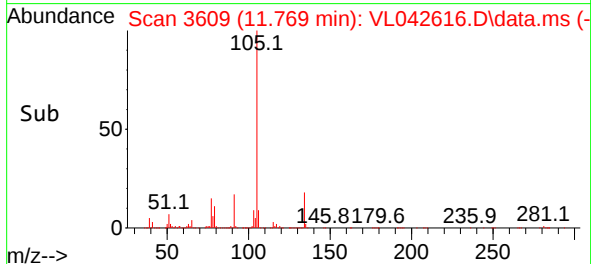
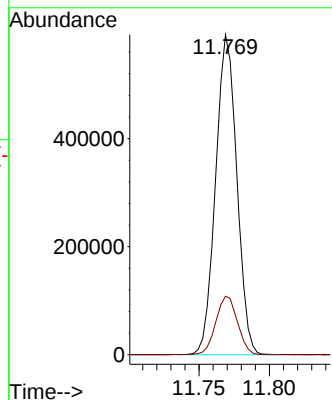
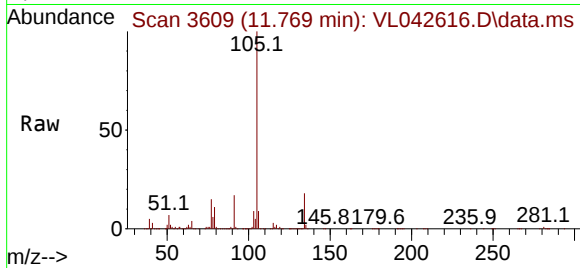




#67
 sec-Butylbenzene
 Concen: 10.234 ppbv
 RT: 11.769 min Scan# 3609
 Delta R.T. -0.003 min
 Lab File: VL042616.D
 Acq: 05 Jun 2025 10:56

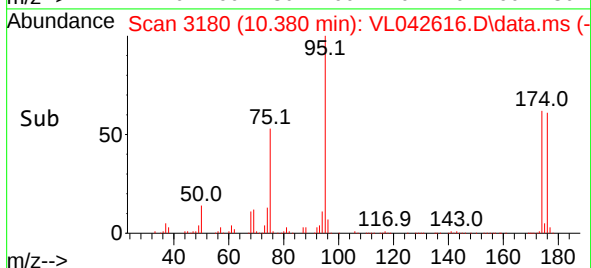
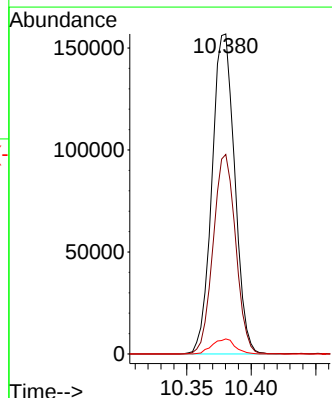
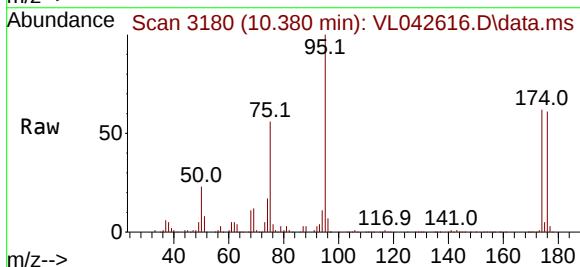
Instrument :
 MSVOA_1
 ClientSampleId :
 VL0605ABS01

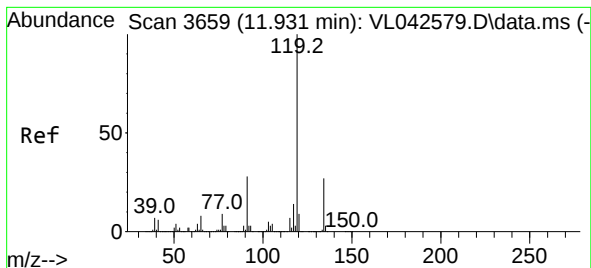
Tgt Ion:105 Resp: 619294
 Ion Ratio Lower Upper
 105 100
 134 18.7 15.8 23.6



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.608 ppbv
 RT: 10.380 min Scan# 3180
 Delta R.T. 0.000 min
 Lab File: VL042616.D
 Acq: 05 Jun 2025 10:56

Tgt Ion: 95 Resp: 191756
 Ion Ratio Lower Upper
 95 100
 174 61.7 53.1 79.7
 175 4.7 4.2 6.2

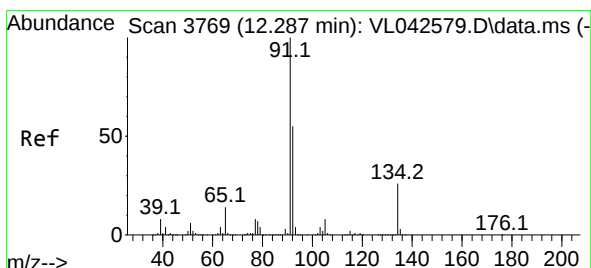
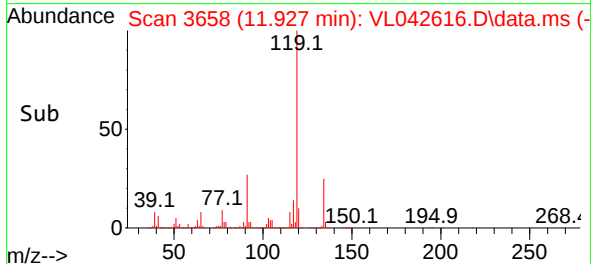
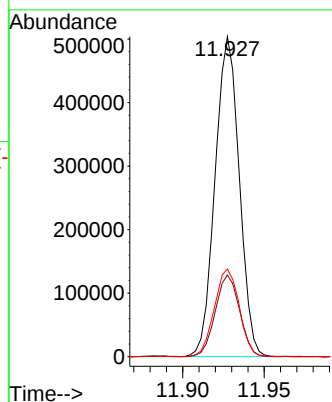
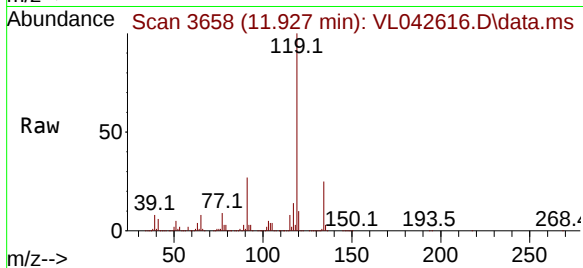




#69
p-Isopropyltoluene
Concen: 10.234 ppbv
RT: 11.927 min Scan# 3658
Delta R.T. -0.003 min
Lab File: VL042616.D
Acq: 05 Jun 2025 10:56

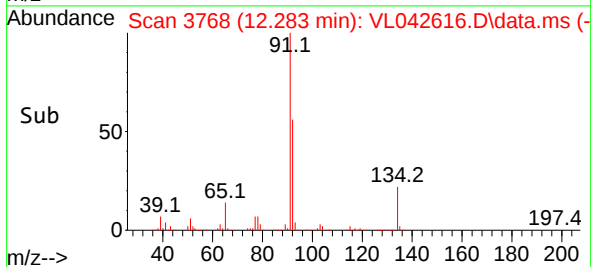
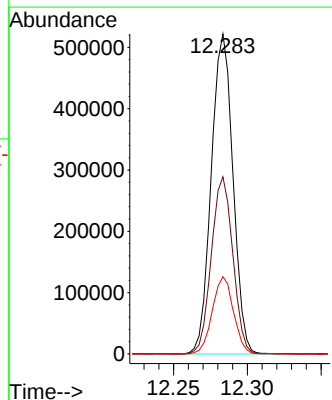
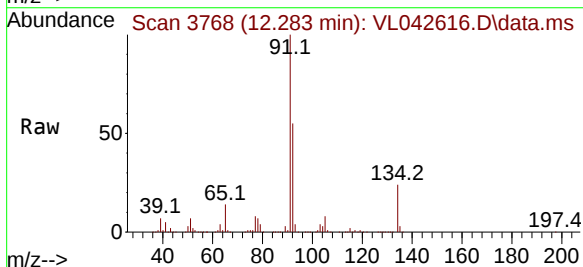
Instrument :
MSVOA_L
ClientSampleId :
VL0605ABS01

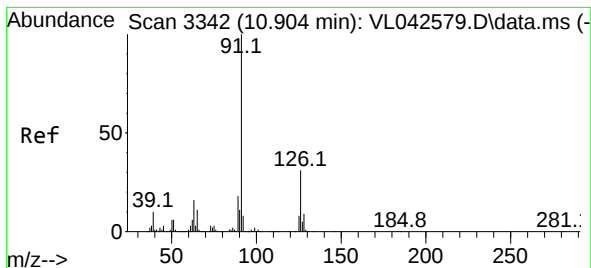
Tgt Ion:119 Resp: 518619
Ion Ratio Lower Upper
119 100
134 25.8 21.1 31.7
91 28.3 21.9 32.9



#70
n-Butylbenzene
Concen: 10.664 ppbv
RT: 12.283 min Scan# 3768
Delta R.T. -0.003 min
Lab File: VL042616.D
Acq: 05 Jun 2025 10:56

Tgt Ion: 91 Resp: 533392
Ion Ratio Lower Upper
91 100
92 54.9 44.4 66.6
134 23.7 20.1 30.1

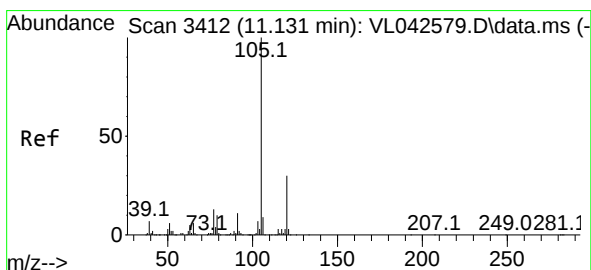
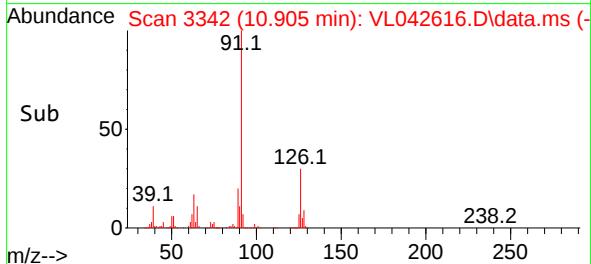
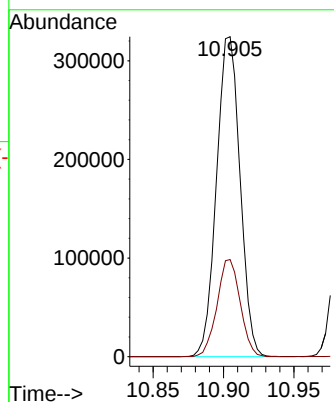
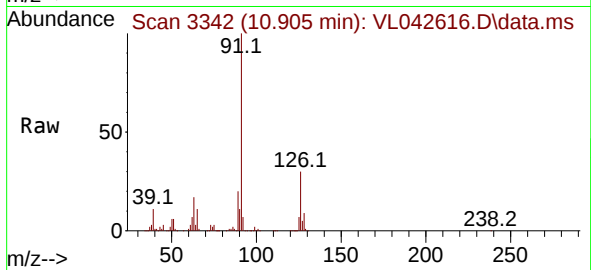




#71
2-Chlorotoluene
Concen: 10.440 ppbv
RT: 10.905 min Scan# 31
Delta R.T. 0.000 min
Lab File: VL042616.D
Acq: 05 Jun 2025 10:56

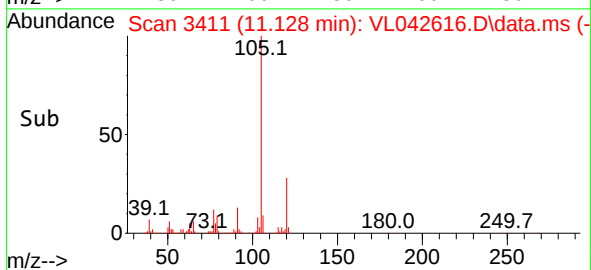
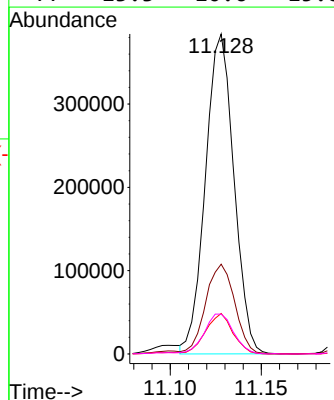
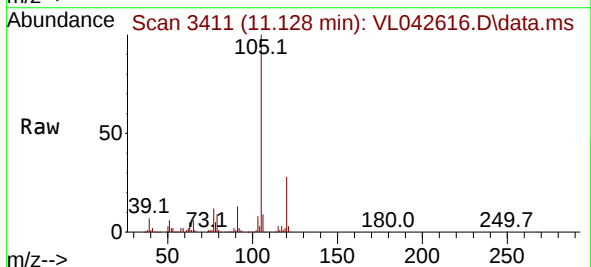
Instrument :
MSVOA_L
ClientSampleId :
VL0605ABS01

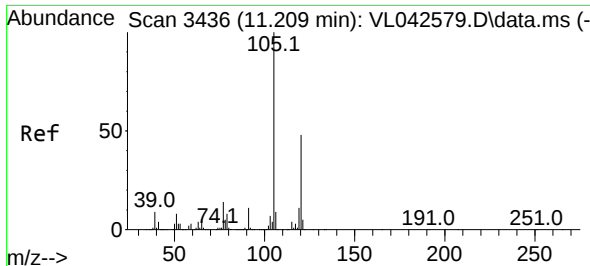
Tgt Ion: 91 Resp: 377690
Ion Ratio Lower Upper
91 100
126 29.9 12.6 50.4



#72
4-Ethyltoluene
Concen: 10.447 ppbv
RT: 11.128 min Scan# 3411
Delta R.T. -0.003 min
Lab File: VL042616.D
Acq: 05 Jun 2025 10:56

Tgt Ion: 105 Resp: 418156
Ion Ratio Lower Upper
105 100
120 29.6 24.6 36.8
91 12.7 9.6 14.4
77 13.3 10.6 15.8

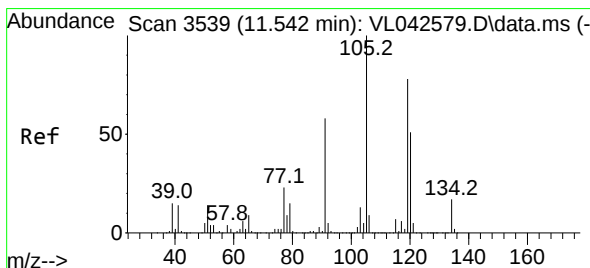
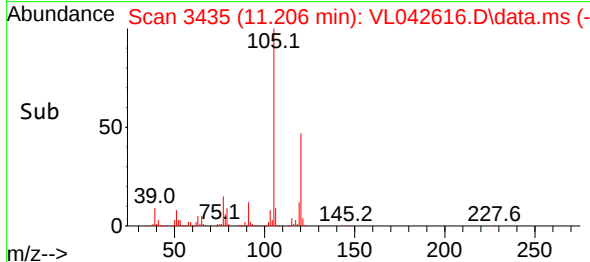
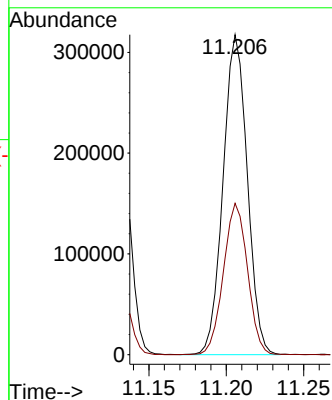
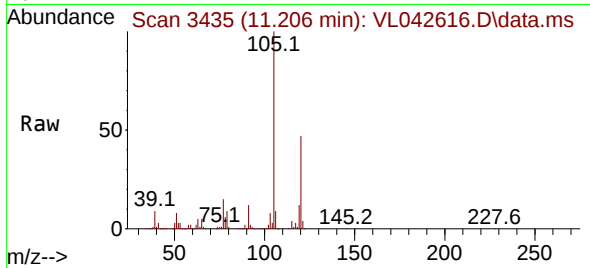




#73
 1,3,5-Trimethylbenzene
 Concen: 10.424 ppbv
 RT: 11.206 min Scan# 3435
 Delta R.T. -0.003 min
 Lab File: VL042616.D
 Acq: 05 Jun 2025 10:56

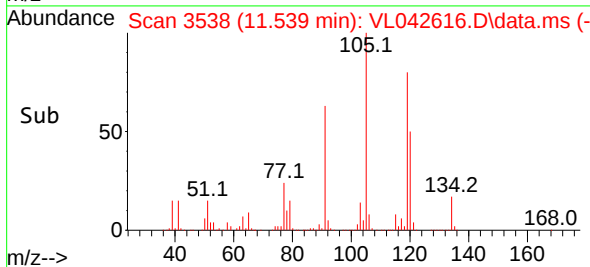
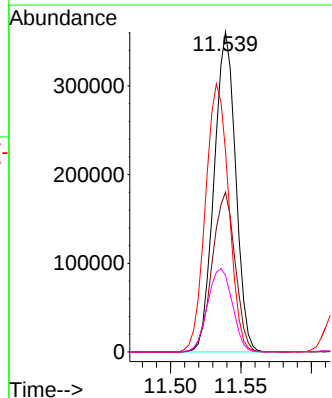
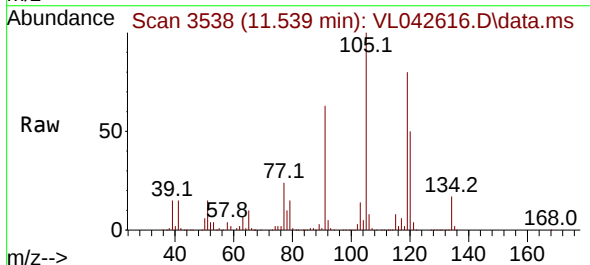
Instrument :
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 ClientSampleId :
 VL0605ABS01

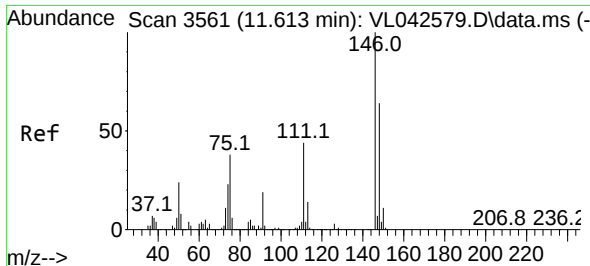
Tgt Ion:105 Resp: 345311
 Ion Ratio Lower Upper
 105 100
 120 47.2 38.8 58.2



#74
 1,2,4-Trimethylbenzene
 Concen: 10.449 ppbv
 RT: 11.539 min Scan# 3538
 Delta R.T. -0.003 min
 Lab File: VL042616.D
 Acq: 05 Jun 2025 10:56

Tgt Ion:105 Resp: 384125
 Ion Ratio Lower Upper
 105 100
 120 49.9 40.8 61.2
 91 62.9 46.8 70.2
 77 23.9 18.2 27.2

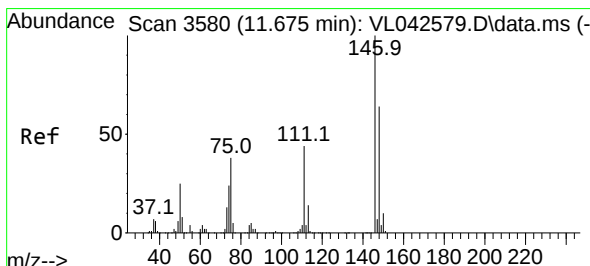
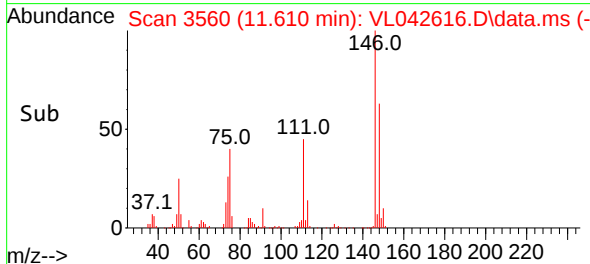
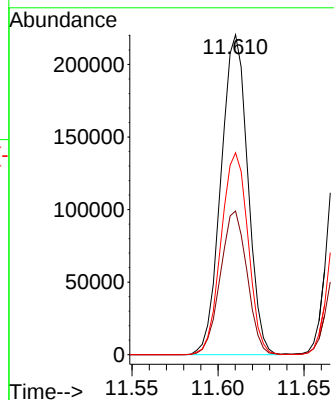
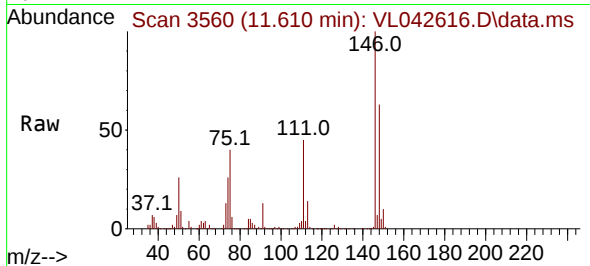




#75
1,3-Dichlorobenzene
Concen: 10.324 ppbv
RT: 11.610 min Scan# 3560
Delta R.T. -0.003 min
Lab File: VL042616.D
Acq: 05 Jun 2025 10:56

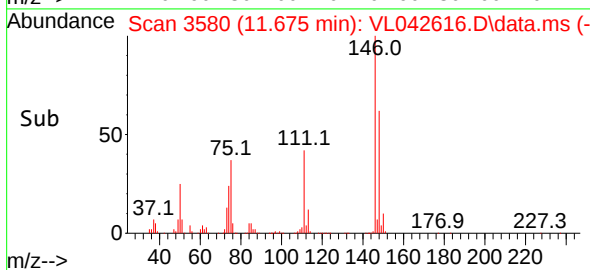
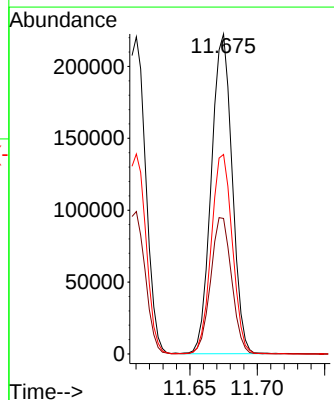
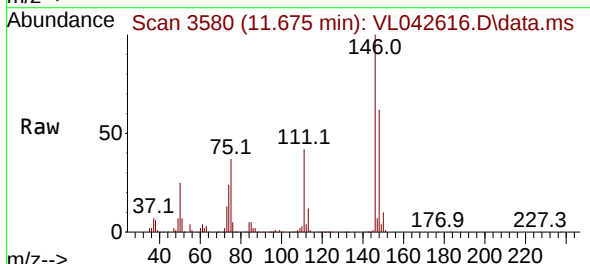
Instrument :
MSVOA_L
ClientSampleId :
VL0605ABS01

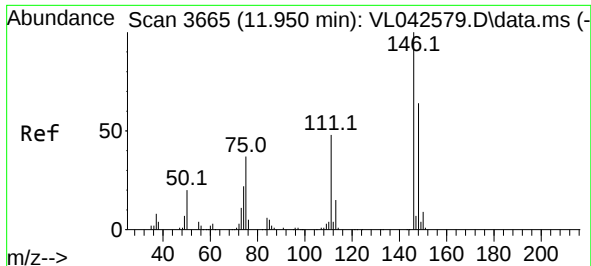
Tgt Ion:146 Resp: 238334
Ion Ratio Lower Upper
146 100
111 44.8 22.4 67.3
148 63.6 32.0 96.2



#76
1,4-Dichlorobenzene
Concen: 10.381 ppbv
RT: 11.675 min Scan# 3580
Delta R.T. 0.000 min
Lab File: VL042616.D
Acq: 05 Jun 2025 10:56

Tgt Ion:146 Resp: 239024
Ion Ratio Lower Upper
146 100
111 43.0 21.6 64.8
148 63.2 32.1 96.5

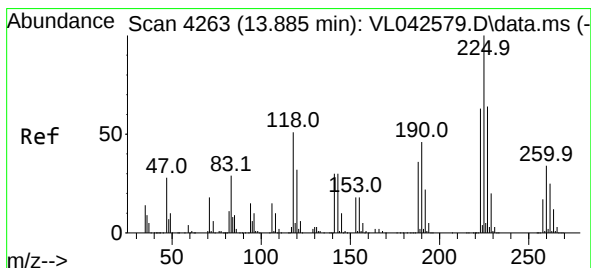
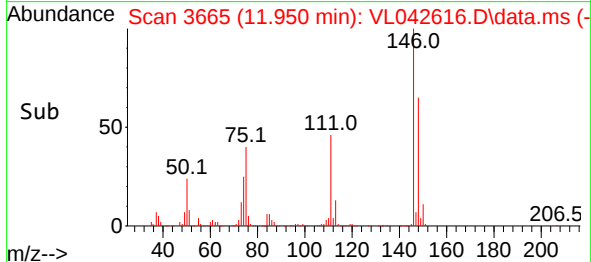
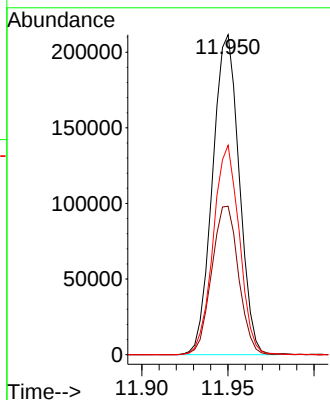
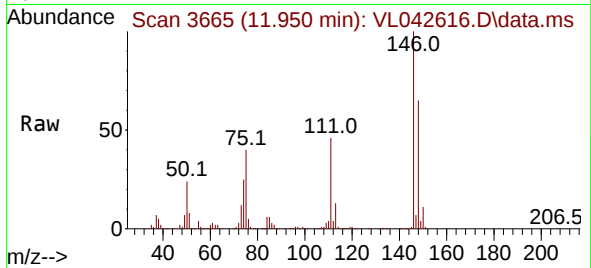




#77
1,2-Dichlorobenzene
Concen: 10.170 ppbv
RT: 11.950 min Scan# 3665
Delta R.T. 0.000 min
Lab File: VL042616.D
Acq: 05 Jun 2025 10:56

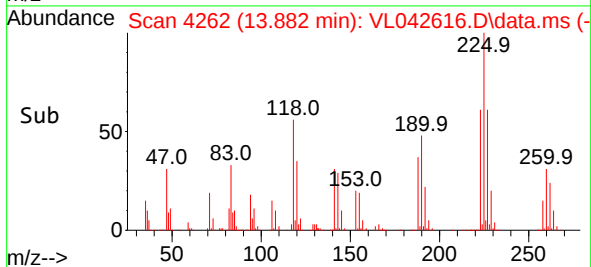
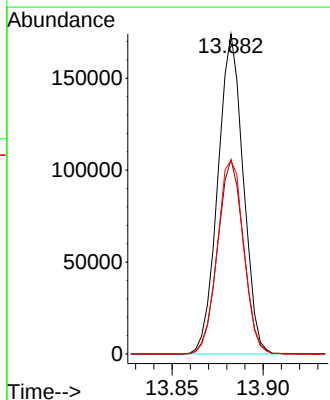
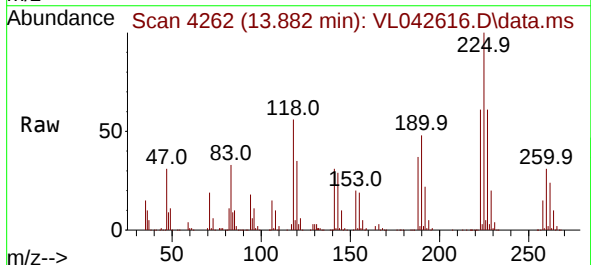
Instrument :
MSVOA_L
ClientSampleId :
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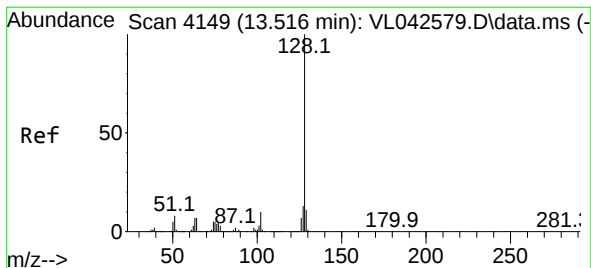
Tgt Ion:146 Resp: 227856
Ion Ratio Lower Upper
146 100
111 46.8 23.1 69.3
148 64.1 32.1 96.3



#78
Hexachloro-1,3-Butadiene
Concen: 9.086 ppbv
RT: 13.882 min Scan# 4262
Delta R.T. -0.003 min
Lab File: VL042616.D
Acq: 05 Jun 2025 10:56

Tgt Ion:225 Resp: 168434
Ion Ratio Lower Upper
225 100
223 61.8 50.2 75.4
227 63.0 51.1 76.7





#79

Naphthalene

Concen: 10.783 ppbv

RT: 13.513 min Scan# 4149

Delta R.T. -0.003 min

Lab File: VL042616.D

Acq: 05 Jun 2025 10:56

Instrument :

MSVOA_L

ClientSampleId :

VL0605ABS01

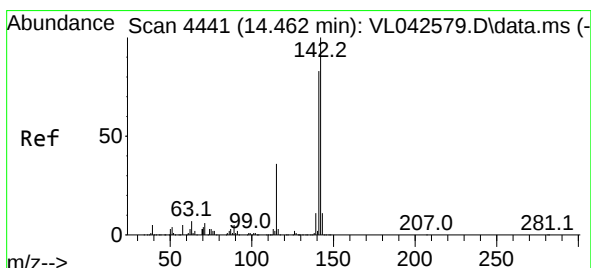
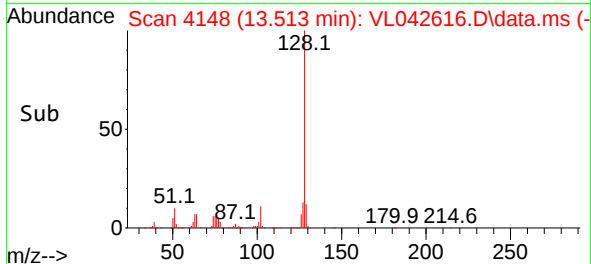
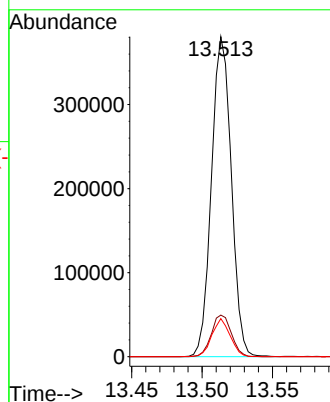
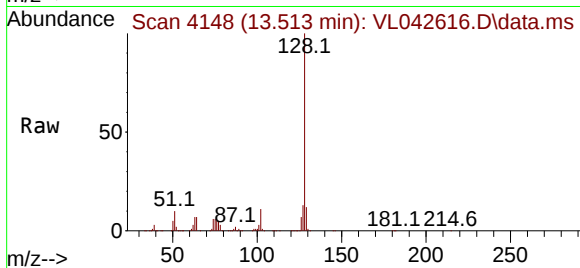
Tgt Ion:128 Resp: 373656

Ion Ratio Lower Upper

128 100

127 13.0 10.2 15.4

129 11.9 8.8 13.2



#80

Naphthalene,2-methyl-

Concen: 11.792 ppbv

RT: 14.458 min Scan# 4440

Delta R.T. -0.003 min

Lab File: VL042616.D

Acq: 05 Jun 2025 10:56

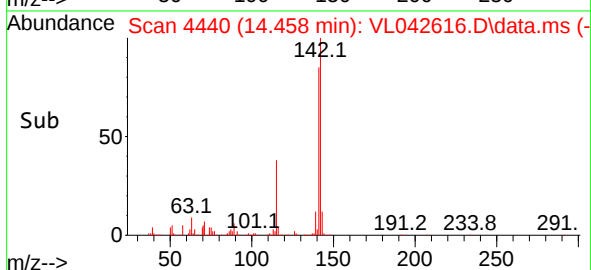
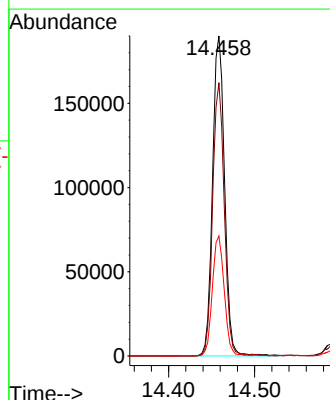
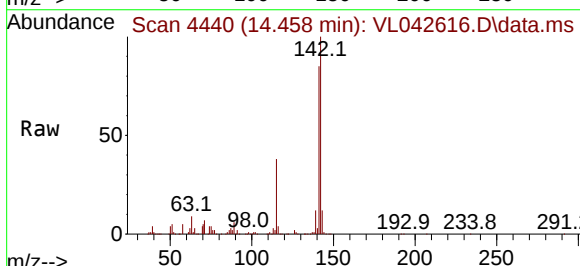
Tgt Ion:142 Resp: 184610

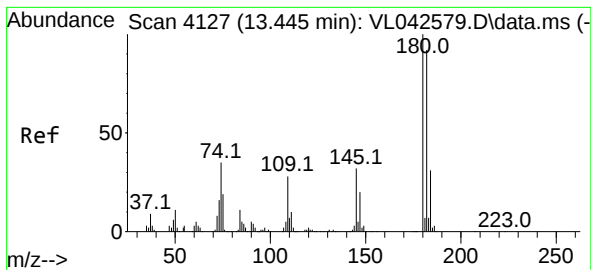
Ion Ratio Lower Upper

142 100

141 82.9 66.2 99.4

115 37.4 28.3 42.5





#81

1,2,4-Trichlorobenzene

Concen: 10.217 ppbv

RT: 13.442 min Scan# 41

Delta R.T. -0.003 min

Lab File: VL042616.D

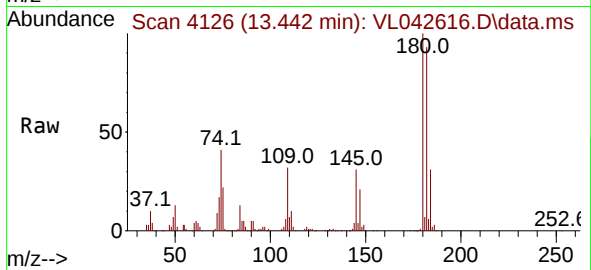
Acq: 05 Jun 2025 10:56

Instrument :

MSVOA_L

ClientSampleId :

VL0605ABS01



Tgt Ion:180 Resp: 197629

Ion Ratio Lower Upper

180 100

182 92.9 75.0 112.4

184 29.4 24.6 36.8

