

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL052925\
 Data File : VL042588.D
 Acq On : 29 May 2025 16:16
 Operator : SY/MD
 Sample : VL0529ABS01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0529ABL02

Quant Time: May 30 02:09:44 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	2.793	49	102409	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.968	114	298939	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.894	117	272381	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.386	95	200955	9.842	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.400%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.502	85	116370	9.246	ppbv	98
3) Chlorodifluoromethane	1.479	51	149956	8.651	ppbv	99
4) Chloromethane	1.538	50	45673	9.164	ppbv	97
5) Vinyl Chloride	1.583	62	42793	8.428	ppbv	91
6) Bromomethane	1.670	94	20396	8.253	ppbv	92
7) Chloroethane	1.709	64	17100	8.668	ppbv	94
8) Dichlorotetrafluoroethane	1.557	85	96401	9.192	ppbv	97
9) Propene	1.486	41	62874	9.007	ppbv	100
10) Heptane	4.994	43	179003	9.097	ppbv	99
11) Trichlorofluoromethane	1.881	101	115072	9.826	ppbv	97
12) 1,1,2-Trichlorotrifluo...	2.146	101	90187	9.807	ppbv	97
13) Ethanol	1.725	45	5319	6.393	ppbv	98
14) Bromoethene	1.787	108	32043	9.264	ppbv	96
15) Acetone	1.839	43	95813	7.767	ppbv	97
16) 1,3-Butadiene	1.612	39	49967	8.551	ppbv	97
17) tert-Butyl alcohol	2.046	59	122952	9.568	ppbv	99
18) 1,1-Dichloroethene	2.039	96	40176	9.426	ppbv	96
19) Isopropyl Alcohol	1.890	45	66183	8.975	ppbv	99
20) Methylene Chloride	2.068	84	33868	8.320	ppbv	98
21) Allyl Chloride	2.101	41	81075	9.315	ppbv	97
22) trans-1,2-Dichloroethene	2.347	96	45790	9.618	ppbv	98
23) Vinyl Acetate	2.470	43	174174	10.445	ppbv	99
24) 1,1-Dichloroethane	2.415	63	92736	9.467	ppbv	98
25) Ethyl Acetate	2.842	43	309166	9.158	ppbv	99
26) Hexane	2.832	57	134867	8.792	ppbv	98
27) Carbon Disulfide	2.156	76	114697	9.740	ppbv	96
28) Methyl tert-Butyl Ether	2.447	73	58841	9.453	ppbv	98
29) Chloroform	2.855	83	184574	9.253	ppbv	99
30) Cyclohexane	3.868	84	115600	9.091	ppbv	99
31) cis-1,2-Dichloroethene	2.729	61	132052	9.411	ppbv	99
32) 1,1,1-Trichloroethane	3.379	97	187262	9.188	ppbv	100
34) 2-Butanone	2.564	43	200578	9.409	ppbv	100
35) Carbon Tetrachloride	3.774	117	185897	9.420	ppbv	99
36) Benzene	3.667	78	277274	9.419	ppbv	98
37) 1,2-Dichloroethane	3.227	62	140418	9.598	ppbv	98
38) Trichloroethene	4.561	130	114390	9.142	ppbv	97
39) 1,2-Dichloropropane	4.327	63	99966	9.183	ppbv	98
40) 1,4-Dioxane	4.596	88	44995	9.237	ppbv #	95
41) Tetrahydrofuran	3.062	42	115958	9.292	ppbv	98
42) Bromodichloromethane	4.502	83	201042	9.675	ppbv	92
43) Methyl Methacrylate	4.894	69	107482	9.407	ppbv	99
44) 2,2,4-Trimethylpentane	4.654	57	462681	9.189	ppbv	99
45) t-1,3-Dichloropropene	6.428	75	126823	9.700	ppbv	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL052925\
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 Sample : VL0529ABS01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0529ABL02

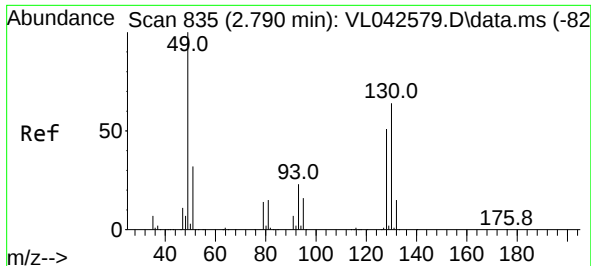
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL052925AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri May 30 02:01:56 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	5.622	75	156930	9.579	ppbv	98
47) 1,1,2-Trichloroethane	6.600	97	104353	9.260	ppbv	95
48) Dibromochloromethane	7.402	129	170538	9.453	ppbv	99
49) Bromoform	9.493	173	148456	9.537	ppbv	99
50) 4-Methyl-2-Pentanone	5.771	43	278734	9.426	ppbv	100
51) 2-Hexanone	7.451	43	225428	9.612	ppbv	98
52) Tetrachloroethene	8.241	164	97535	8.867	ppbv	98
53) Toluene	6.949	91	314387	9.240	ppbv	100
54) 1,2-Dibromoethane	7.668	107	158006	9.473	ppbv	97
56) 1,1,1,2-Tetrachloroethane	8.936	131	128551	9.386	ppbv	97
57) Chlorobenzene	8.933	112	241140	9.118	ppbv	98
58) Ethyl Benzene	9.367	91	428495	9.274	ppbv	97
59) m/p-Xylene	9.545	91	325307	8.947	ppbv #	29
60) o-Xylene	9.975	91	331838	9.151	ppbv	99
61) Styrene	9.882	104	160970	9.389	ppbv	98
62) Isopropylbenzene	10.548	105	492545	9.194	ppbv	99
63) 1,1,2,2-Tetrachloroethane	9.975	83	203676	8.833	ppbv	100
64) n-propylbenzene	10.998	120	131076	9.127	ppbv	100
65) tert-Butylbenzene	11.542	119	430820	8.862	ppbv	99
66) Benzyl Chloride	11.626	91	56952	9.101	ppbv	98
67) sec-Butylbenzene	11.775	105	608460	8.902	ppbv	99
69) p-Isopropyltoluene	11.934	119	510047	8.911	ppbv	99
70) n-Butylbenzene	12.290	91	518934	9.185	ppbv	99
71) 2-Chlorotoluene	10.911	91	370401	9.064	ppbv	99
72) 4-Ethyltoluene	11.134	105	414871	9.176	ppbv	99
73) 1,3,5-Trimethylbenzene	11.212	105	341208	9.118	ppbv	99
74) 1,2,4-Trimethylbenzene	11.545	105	369325	8.894	ppbv	92
75) 1,3-Dichlorobenzene	11.616	146	231976	8.896	ppbv	100
76) 1,4-Dichlorobenzene	11.681	146	234806	9.028	ppbv	99
77) 1,2-Dichlorobenzene	11.956	146	222659	8.798	ppbv	99
78) Hexachloro-1,3-Butadiene	13.889	225	168921	8.067	ppbv	99
79) Naphthalene	13.520	128	378192	9.662	ppbv	100
80) Naphthalene,2-methyl-	14.465	142	189535	10.718	ppbv	98
81) 1,2,4-Trichlorobenzene	13.448	180	197165	9.024	ppbv	98

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

Quant Time: May 30 02:09:44 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

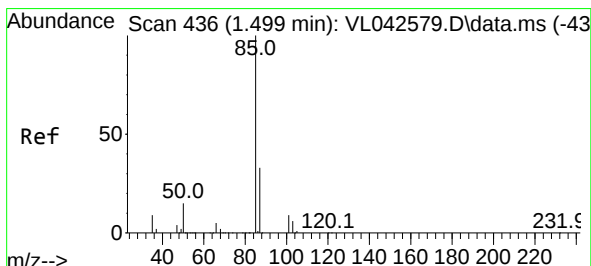
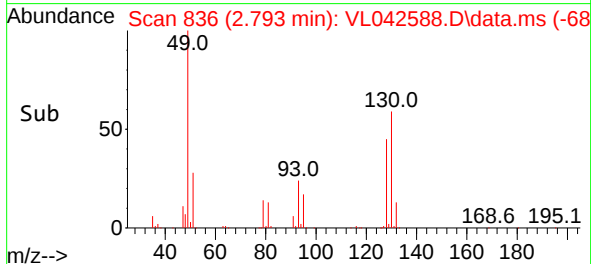
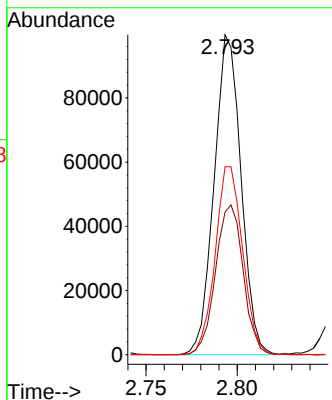
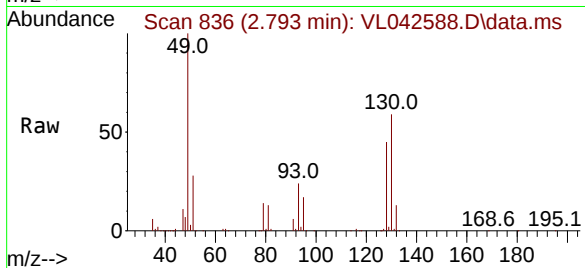




#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 2.793 min Scan# 81
 Delta R.T. 0.003 min
 Lab File: VL042588.D
 Acq: 29 May 2025 16:16

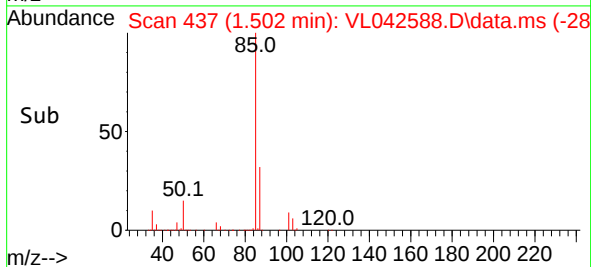
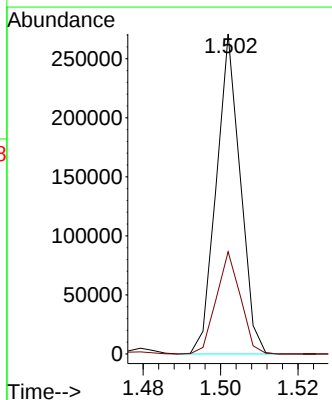
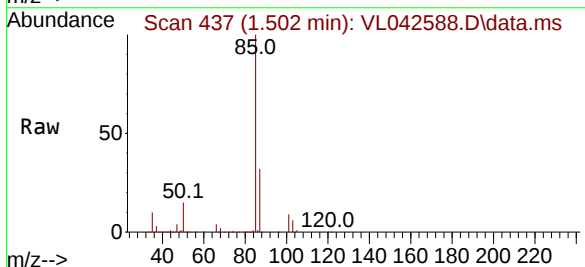
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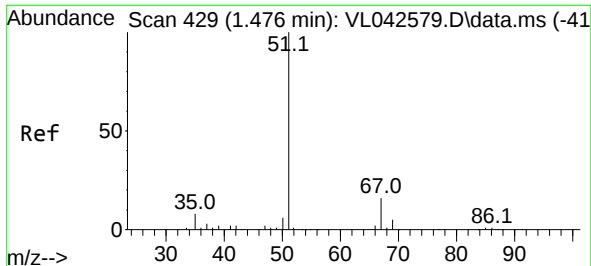
Tgt Ion: 49 Resp: 102409
 Ion Ratio Lower Upper
 49 100
 128 48.0 24.2 72.6
 130 59.9 30.4 91.2



#2
 Dichlorodifluoromethane
 Concen: 9.246 ppbv
 RT: 1.502 min Scan# 437
 Delta R.T. 0.003 min
 Lab File: VL042588.D
 Acq: 29 May 2025 16:16

Tgt Ion: 85 Resp: 116370
 Ion Ratio Lower Upper
 85 100
 87 32.0 26.6 39.8

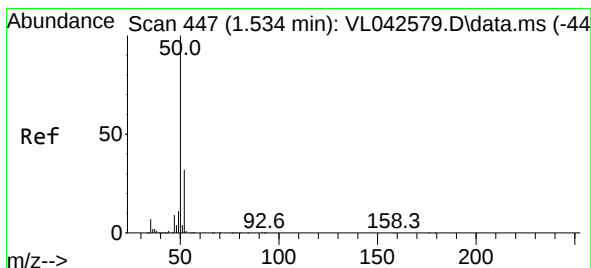
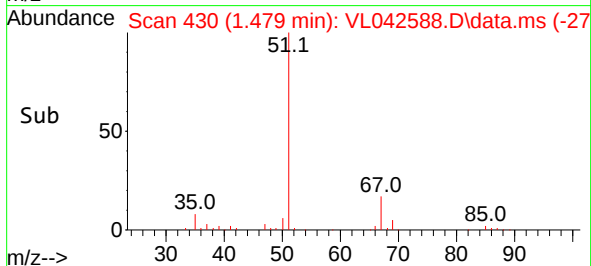
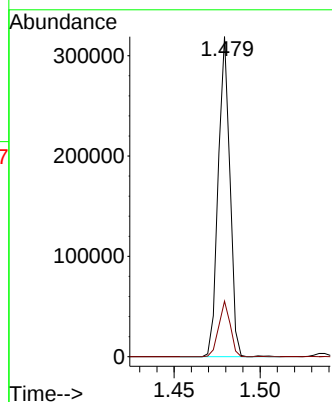
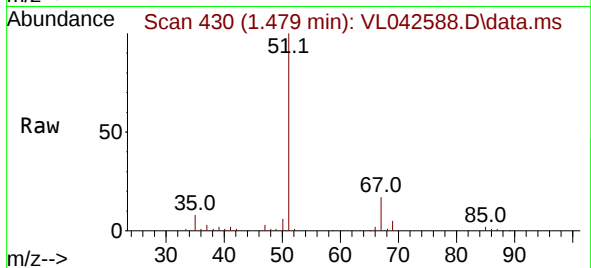




#3
Chlorodifluoromethane
Concen: 8.651 ppbv
RT: 1.479 min Scan# 41
Delta R.T. 0.003 min
Lab File: VL042588.D
Acq: 29 May 2025 16:16

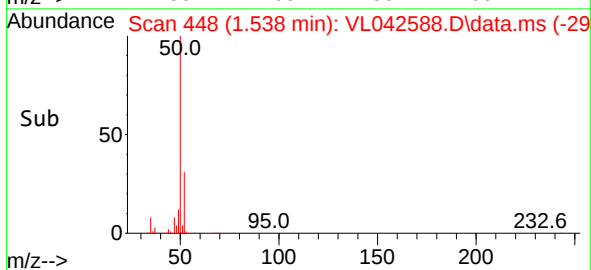
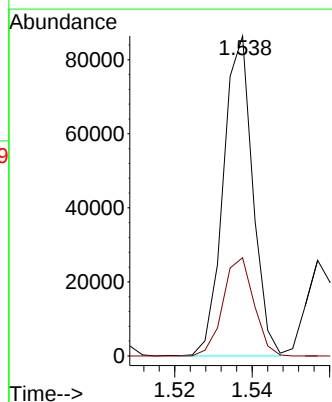
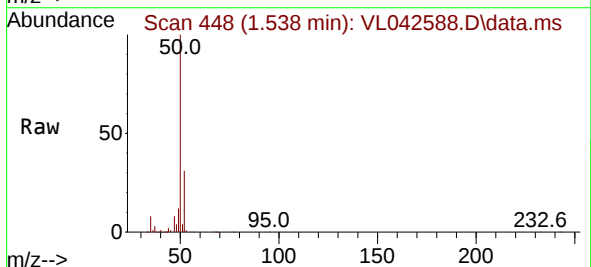
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ClientSampleId :
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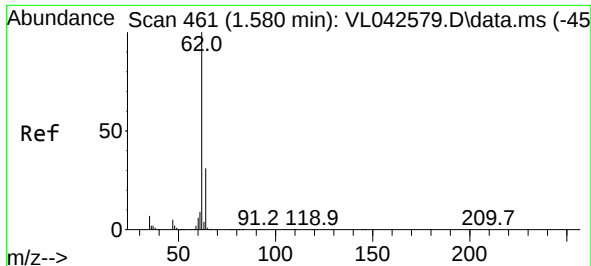
Tgt Ion: 51 Resp: 149956
Ion Ratio Lower Upper
51 100
67 17.2 13.4 20.2



#4
Chloromethane
Concen: 9.164 ppbv
RT: 1.538 min Scan# 448
Delta R.T. 0.003 min
Lab File: VL042588.D
Acq: 29 May 2025 16:16

Tgt Ion: 50 Resp: 45673
Ion Ratio Lower Upper
50 100
52 30.7 25.8 38.6

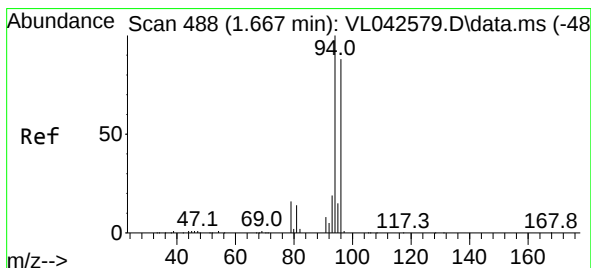
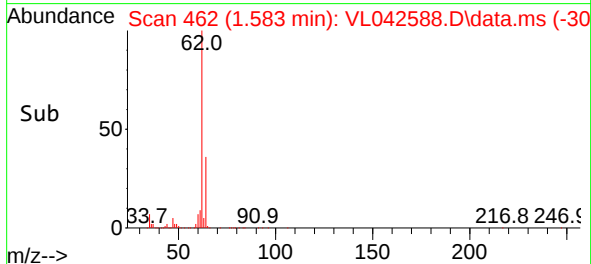
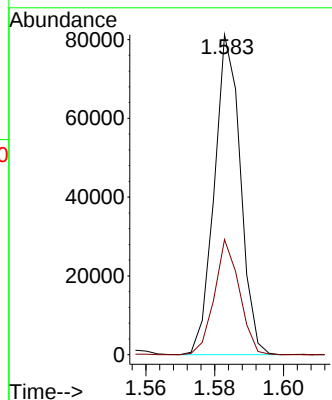
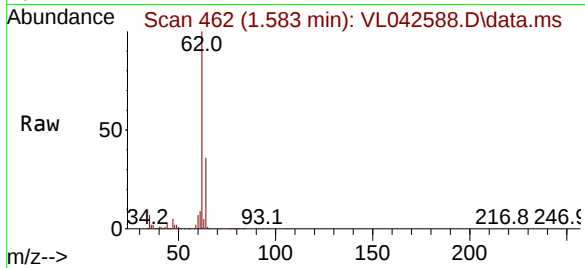




#5
 Vinyl Chloride
 Concen: 8.428 ppbv
 RT: 1.583 min Scan# 462
 Delta R.T. 0.003 min
 Lab File: VL042588.D
 Acq: 29 May 2025 16:16

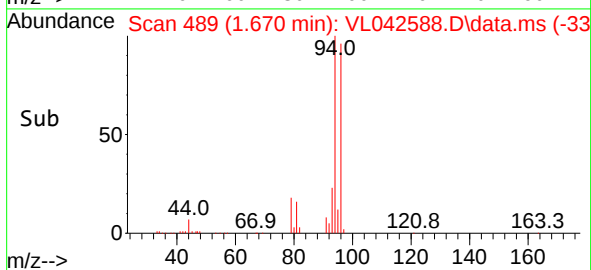
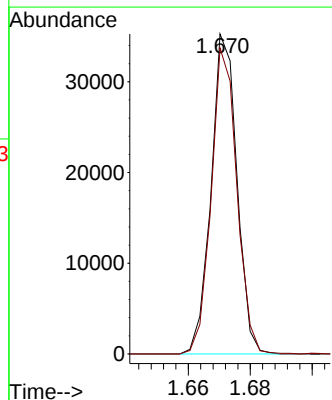
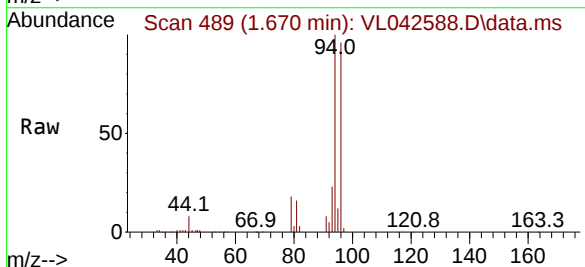
Instrument :
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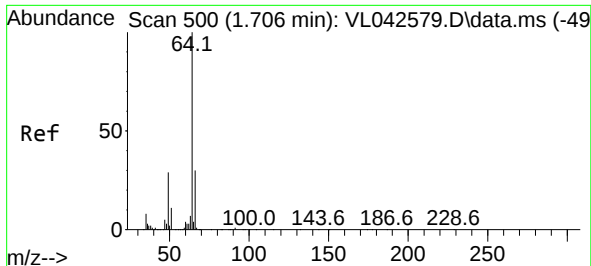
Tgt Ion: 62 Resp: 42793
 Ion Ratio Lower Upper
 62 100
 64 36.0 24.9 37.3



#6
 Bromomethane
 Concen: 8.253 ppbv
 RT: 1.670 min Scan# 489
 Delta R.T. 0.003 min
 Lab File: VL042588.D
 Acq: 29 May 2025 16:16

Tgt Ion: 94 Resp: 20396
 Ion Ratio Lower Upper
 94 100
 96 95.6 70.7 106.1

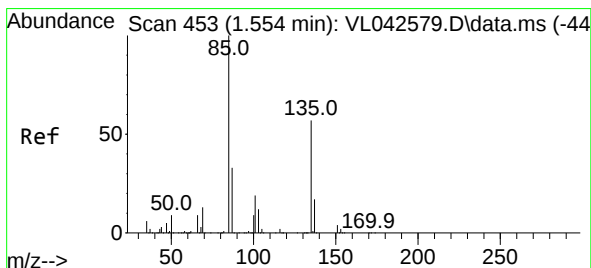
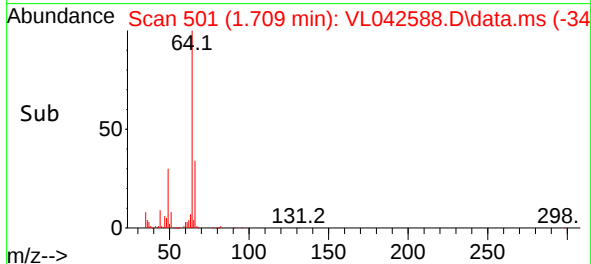
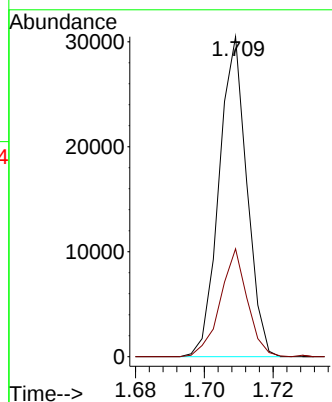
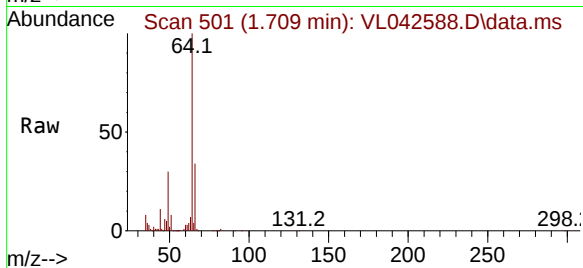




#7
Chloroethane
Concen: 8.668 ppbv
RT: 1.709 min Scan# 500
Delta R.T. 0.003 min
Lab File: VL042588.D
Acq: 29 May 2025 16:16

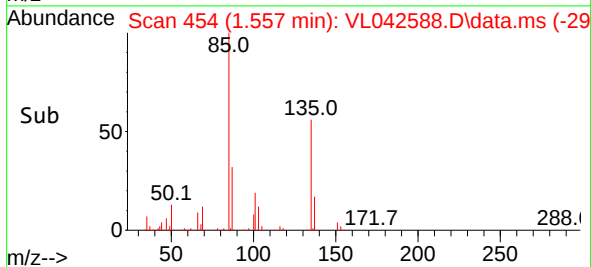
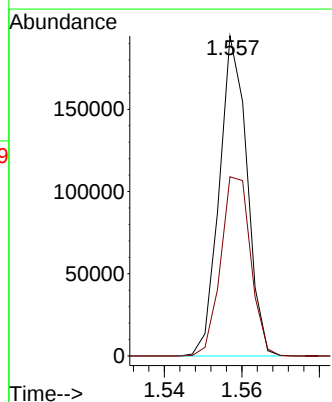
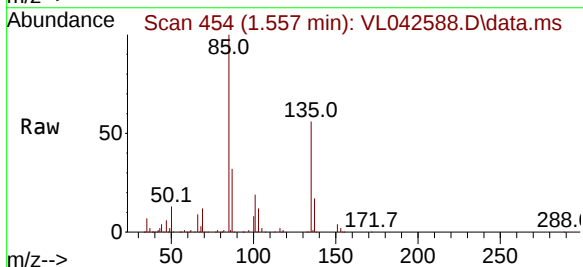
Instrument :
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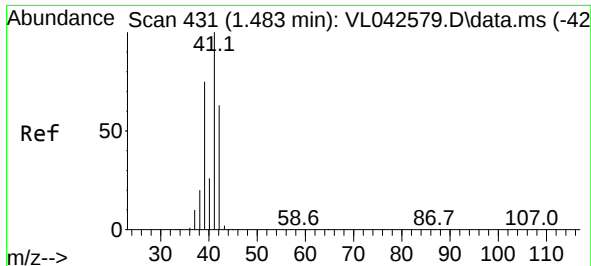
Tgt Ion: 64 Resp: 17100
Ion Ratio Lower Upper
64 100
66 33.7 24.3 36.5



#8
Dichlorotetrafluoroethane
Concen: 9.192 ppbv
RT: 1.557 min Scan# 454
Delta R.T. 0.003 min
Lab File: VL042588.D
Acq: 29 May 2025 16:16

Tgt Ion: 85 Resp: 96401
Ion Ratio Lower Upper
85 100
135 60.8 50.2 75.4





#9

Propene

Concen: 9.007 ppbv

RT: 1.486 min Scan# 41

Delta R.T. 0.003 min

Lab File: VL042588.D

Acq: 29 May 2025 16:16

Instrument :

MSVOA_L

ClientSampleId :

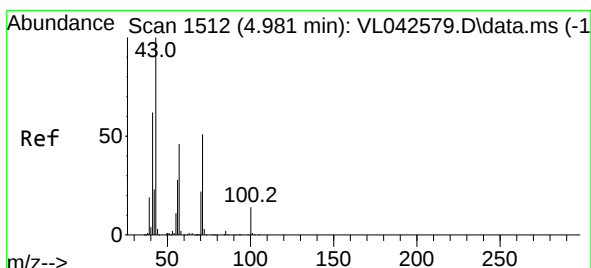
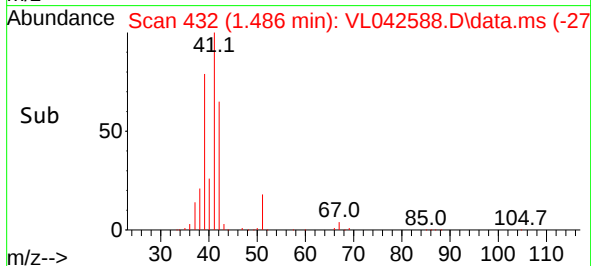
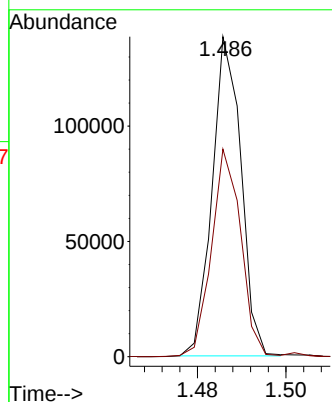
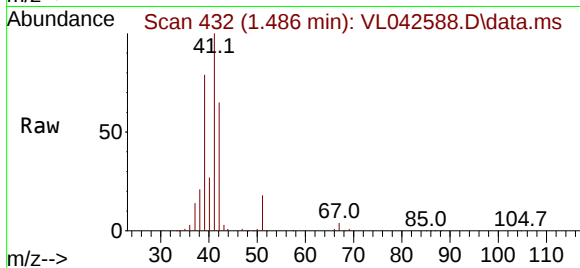
VL0529ABL02

Tgt Ion: 41 Resp: 62874

Ion Ratio Lower Upper

41 100

42 66.7 53.3 79.9



#10

Heptane

Concen: 9.097 ppbv

RT: 4.994 min Scan# 1516

Delta R.T. 0.013 min

Lab File: VL042588.D

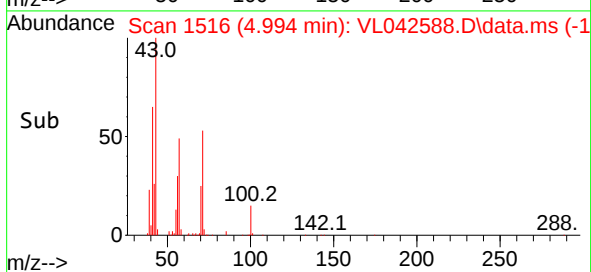
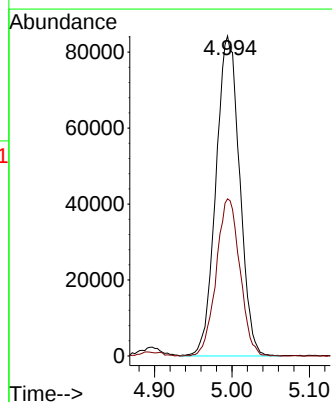
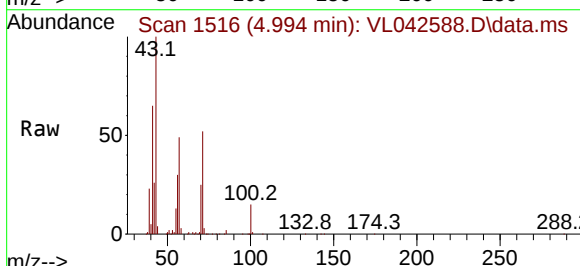
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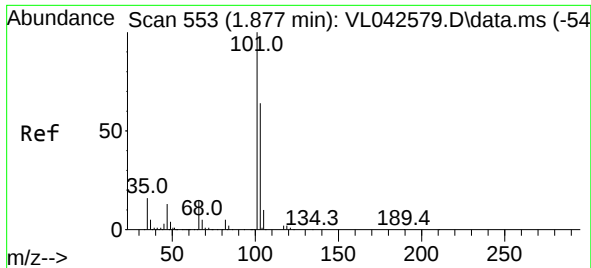
Tgt Ion: 43 Resp: 179003

Ion Ratio Lower Upper

43 100

57 49.0 38.9 58.3





#11

Trichlorofluoromethane

Concen: 9.826 ppbv

RT: 1.881 min Scan# 511

Delta R.T. 0.003 min

Lab File: VL042588.D

Acq: 29 May 2025 16:16

Instrument :

MSVOA_L

ClientSampleId :

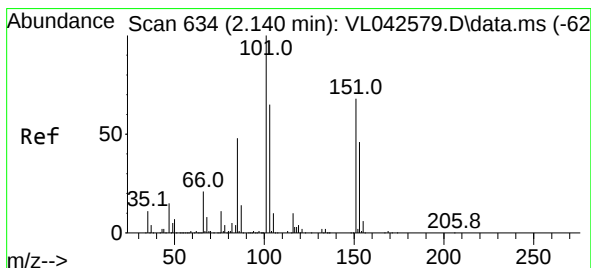
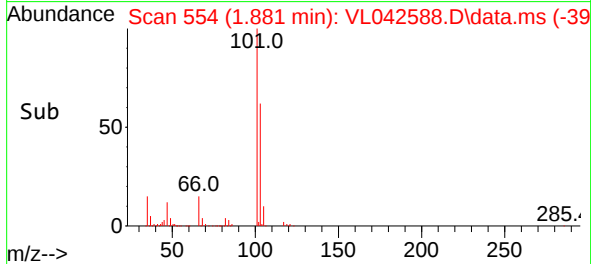
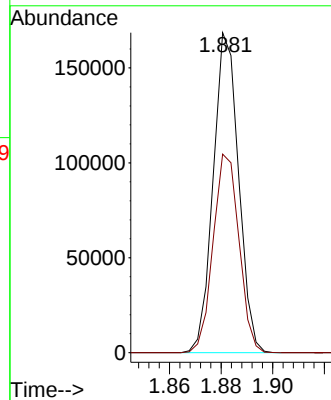
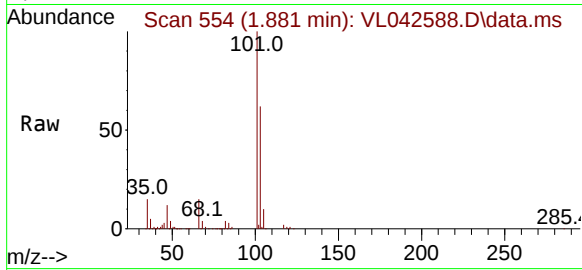
VL0529ABL02

Tgt Ion:101 Resp: 115072

Ion Ratio Lower Upper

101 100

103 62.0 51.5 77.3



#12

1,1,2-Trichlorotrifluoroethane

Concen: 9.807 ppbv

RT: 2.146 min Scan# 636

Delta R.T. 0.006 min

Lab File: VL042588.D

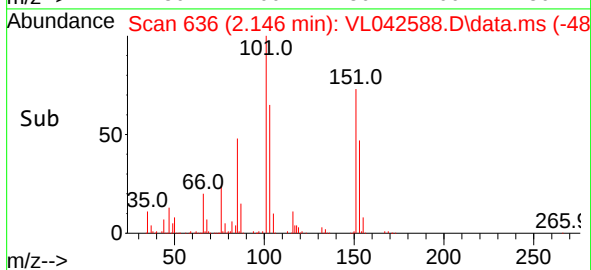
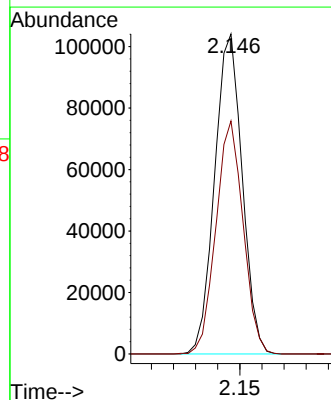
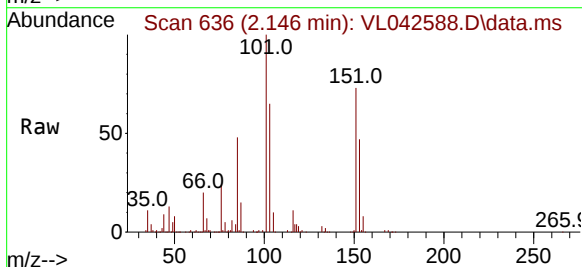
Acq: 29 May 2025 16:16

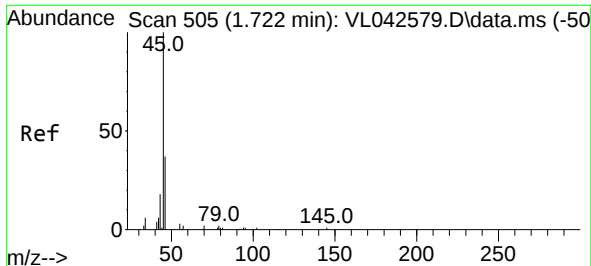
Tgt Ion:101 Resp: 90187

Ion Ratio Lower Upper

101 100

151 71.8 55.3 82.9

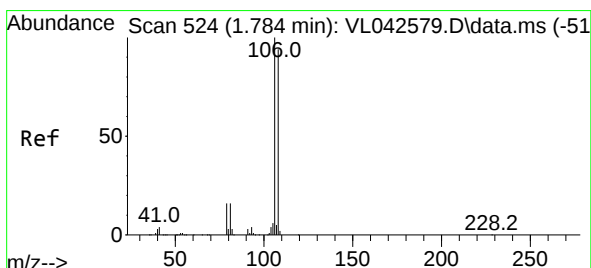
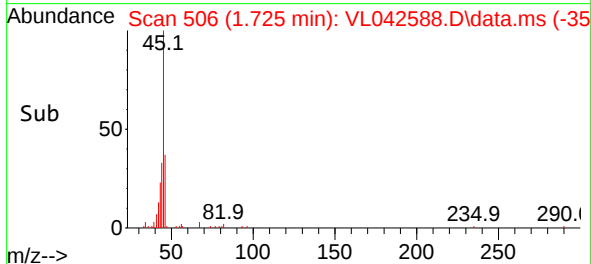
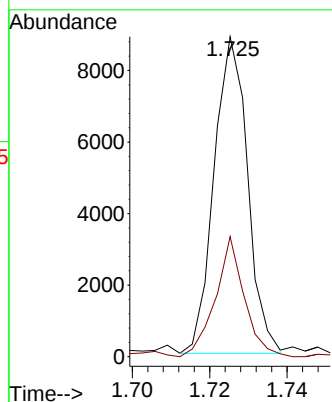
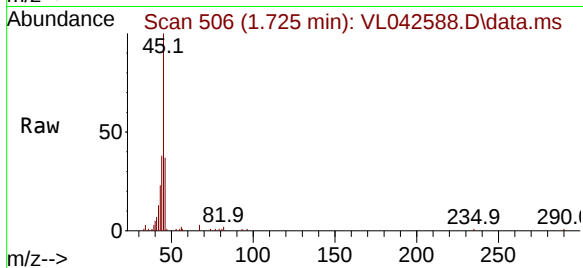




#13
Ethanol
Concen: 6.393 ppbv
RT: 1.725 min Scan# 505
Delta R.T. 0.003 min
Lab File: VL042588.D
Acq: 29 May 2025 16:16

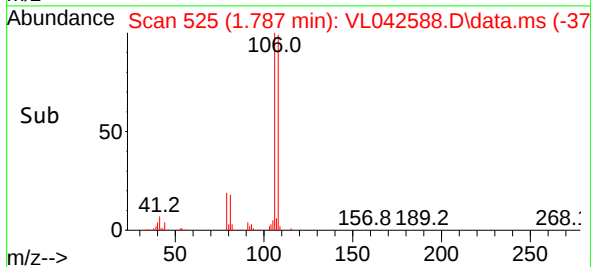
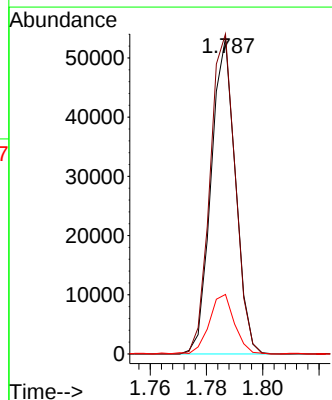
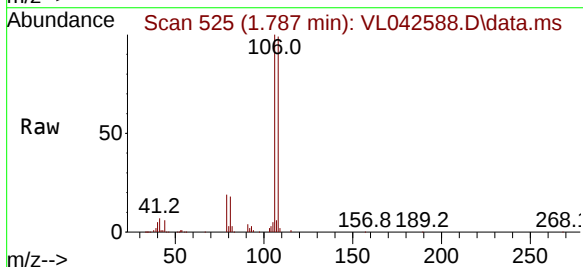
Instrument :
MSVOA_L
ClientSampleId :
VL0529ABL02

Tgt Ion: 45 Resp: 5319
Ion Ratio Lower Upper
45 100
46 35.3 14.5 58.1



#14
Bromoethene
Concen: 9.264 ppbv
RT: 1.787 min Scan# 525
Delta R.T. 0.003 min
Lab File: VL042588.D
Acq: 29 May 2025 16:16

Tgt Ion: 108 Resp: 32043
Ion Ratio Lower Upper
108 100
106 104.7 87.9 131.9
79 20.0 15.6 23.4

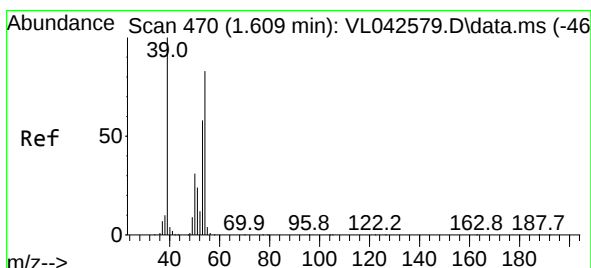
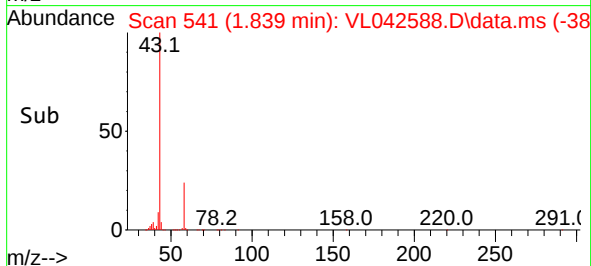
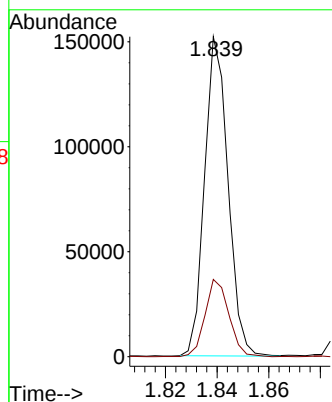
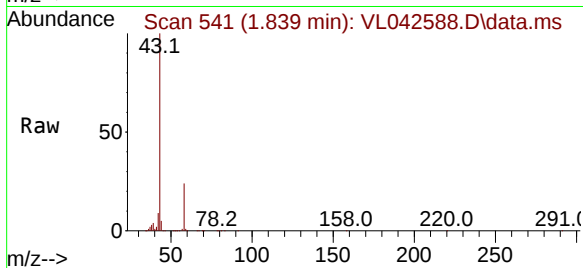




#15
Acetone
Concen: 7.767 ppbv
RT: 1.839 min Scan# 540
Delta R.T. 0.003 min
Lab File: VL042588.D
Acq: 29 May 2025 16:16

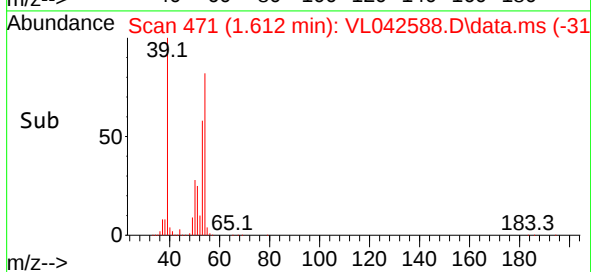
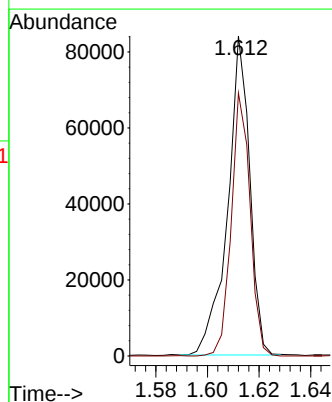
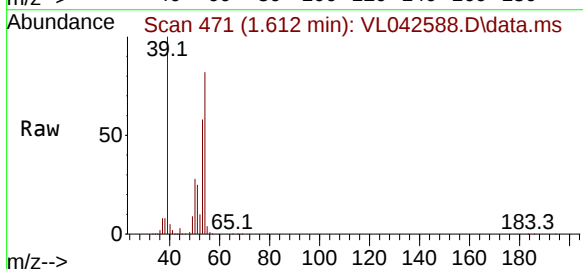
Instrument :
MSVOA_L
ClientSampleId :
VL0529ABL02

Tgt Ion: 43 Resp: 95813
Ion Ratio Lower Upper
43 100
58 24.8 21.0 31.4



#16
1,3-Butadiene
Concen: 8.551 ppbv
RT: 1.612 min Scan# 471
Delta R.T. 0.003 min
Lab File: VL042588.D
Acq: 29 May 2025 16:16

Tgt Ion: 39 Resp: 49967
Ion Ratio Lower Upper
39 100
54 70.2 57.9 86.9





#17

tert-Butyl alcohol

Concen: 9.568 ppbv

RT: 2.046 min Scan# 604

Delta R.T. 0.003 min

Lab File: VL042588.D

Acq: 29 May 2025 16:16

Instrument :

MSVOA_1

ClientSampleId :

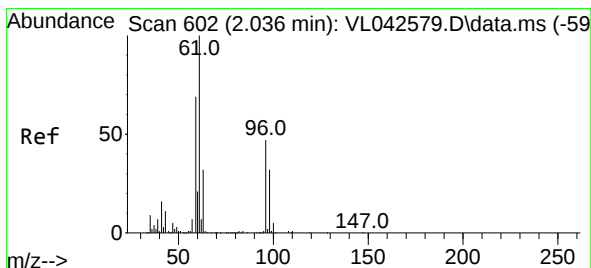
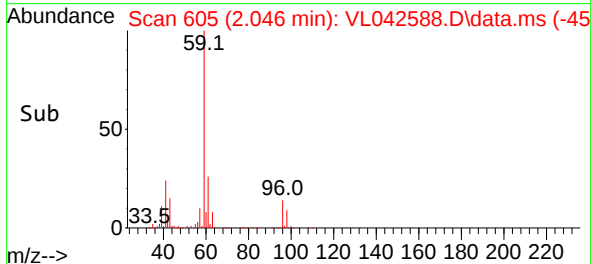
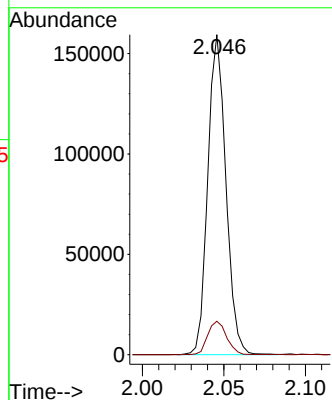
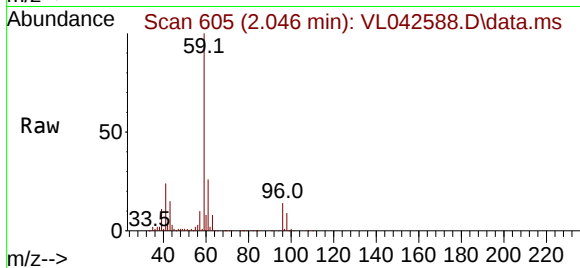
VL0529ABL02

Tgt Ion: 59 Resp: 122952

Ion Ratio Lower Upper

59 100

57 11.0 8.6 12.8



#18

1,1-Dichloroethene

Concen: 9.426 ppbv

RT: 2.039 min Scan# 603

Delta R.T. 0.003 min

Lab File: VL042588.D

Acq: 29 May 2025 16:16

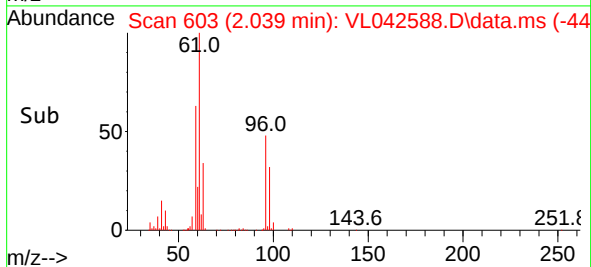
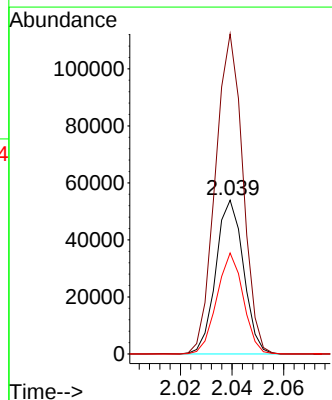
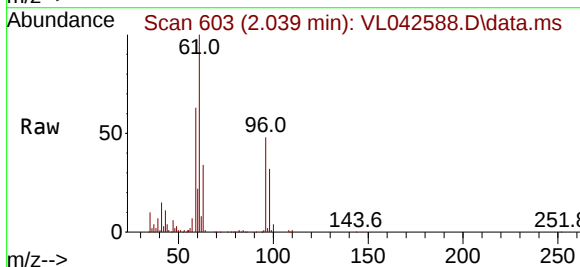
Tgt Ion: 96 Resp: 40176

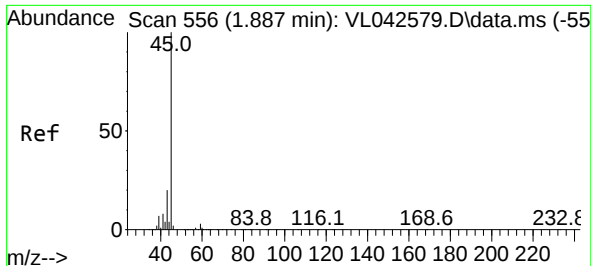
Ion Ratio Lower Upper

96 100

61 208.0 171.1 256.7

98 65.6 54.4 81.6

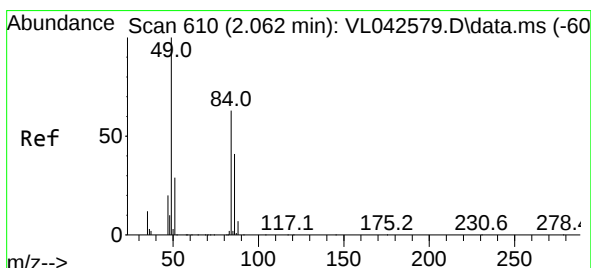
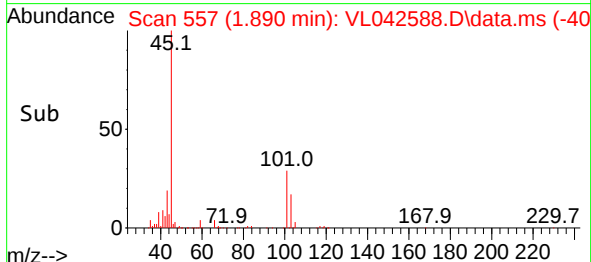
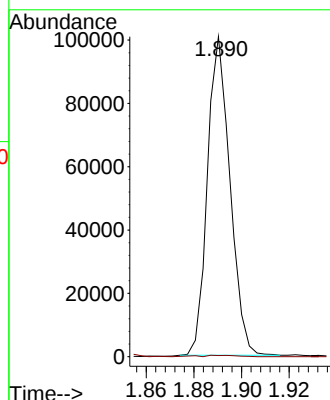
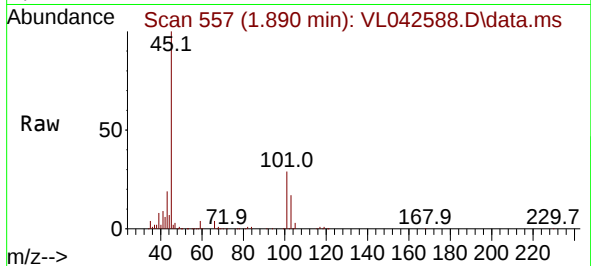




#19
Isopropyl Alcohol
Concen: 8.975 ppbv
RT: 1.890 min Scan# 51
Delta R.T. 0.003 min
Lab File: VL042588.D
Acq: 29 May 2025 16:16

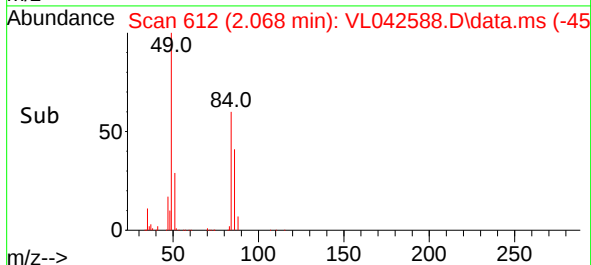
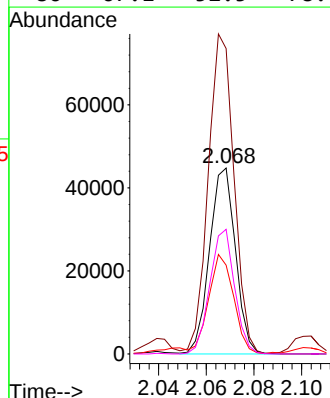
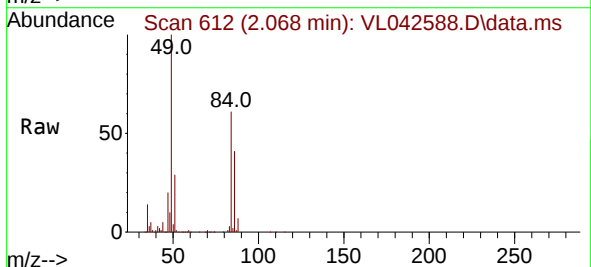
Instrument :
MSVOA_L
ClientSampleId :
VL0529ABL02

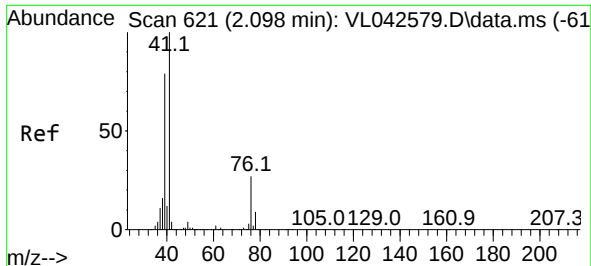
Tgt Ion: 45 Resp: 66183
Ion Ratio Lower Upper
45 100
58 36.1 29.4 44.2



#20
Methylene Chloride
Concen: 8.320 ppbv
RT: 2.068 min Scan# 612
Delta R.T. 0.006 min
Lab File: VL042588.D
Acq: 29 May 2025 16:16

Tgt Ion: 84 Resp: 33868
Ion Ratio Lower Upper
84 100
49 163.4 128.8 193.2
51 47.2 38.6 57.8
86 67.1 52.5 78.7

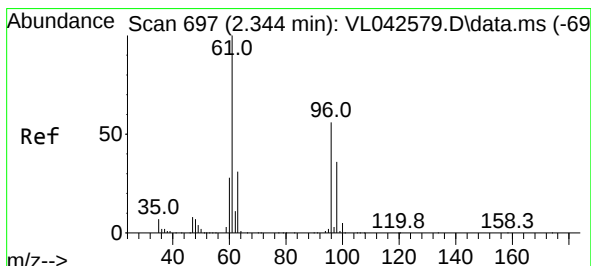
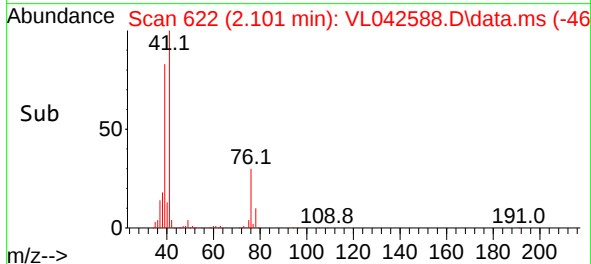
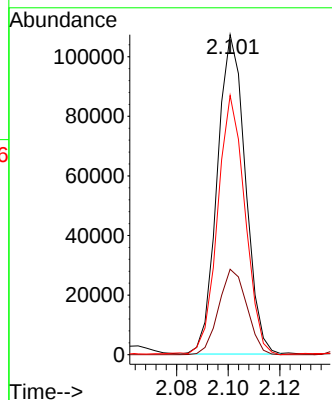
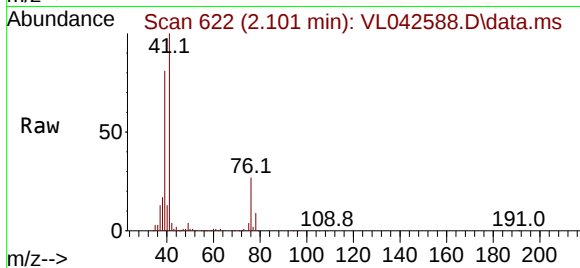




#21
 Allyl Chloride
 Concen: 9.315 ppbv
 RT: 2.101 min Scan# 61
 Delta R.T. 0.003 min
 Lab File: VL042588.D
 Acq: 29 May 2025 16:16

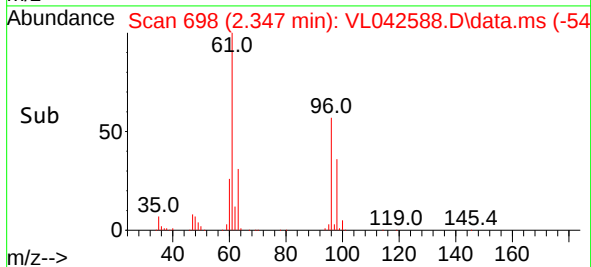
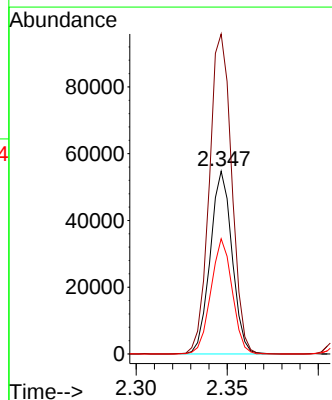
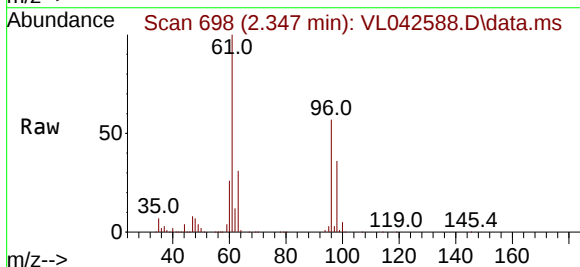
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0529ABL02

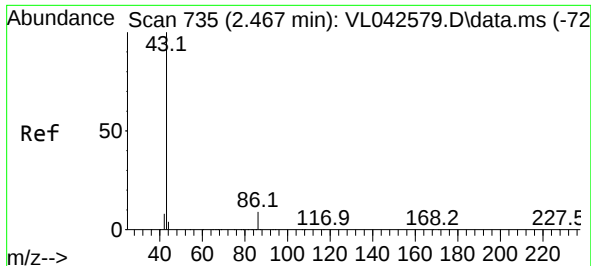
Tgt Ion: 41 Resp: 81075
 Ion Ratio Lower Upper
 41 100
 76 26.7 21.2 31.8
 39 78.9 60.9 91.3



#22
 trans-1,2-Dichloroethene
 Concen: 9.618 ppbv
 RT: 2.347 min Scan# 698
 Delta R.T. 0.003 min
 Lab File: VL042588.D
 Acq: 29 May 2025 16:16

Tgt Ion: 96 Resp: 45790
 Ion Ratio Lower Upper
 96 100
 61 175.2 142.6 214.0
 98 63.0 51.0 76.4



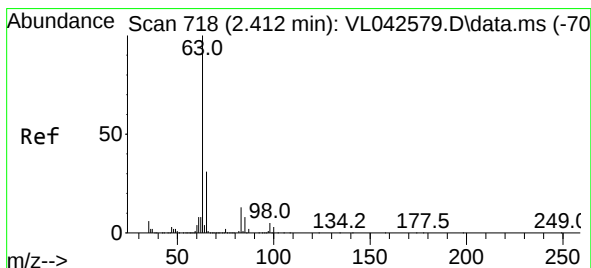
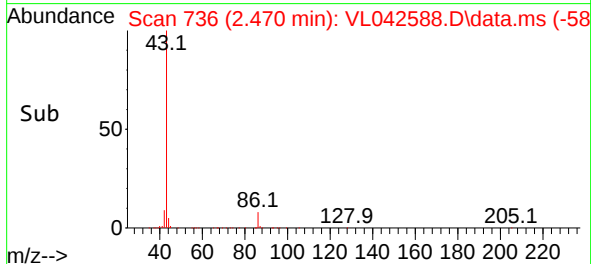
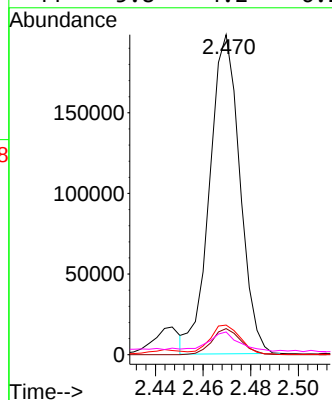
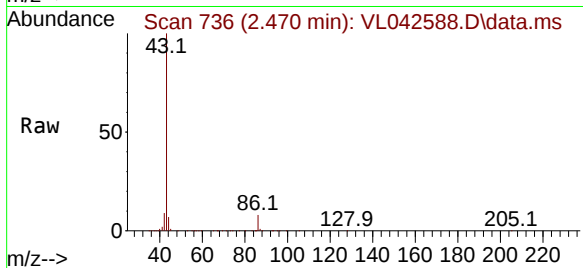


#23
 Vinyl Acetate
 Concen: 10.445 ppbv
 RT: 2.470 min Scan# 719
 Delta R.T. 0.003 min
 Lab File: VL042588.D
 Acq: 29 May 2025 16:16

Instrument :
 MSVOA_1
 ClientSampleId :
 VL0529ABL02

Tgt Ion: 43 Resp: 174174

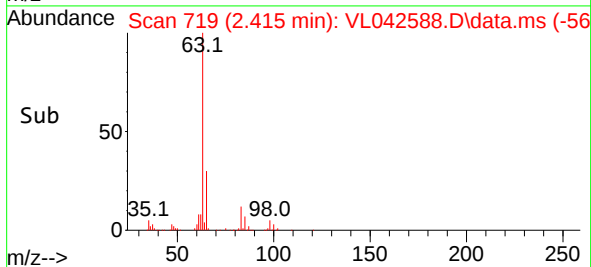
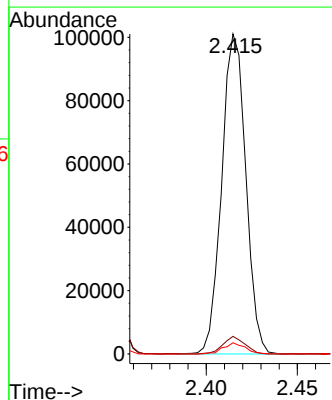
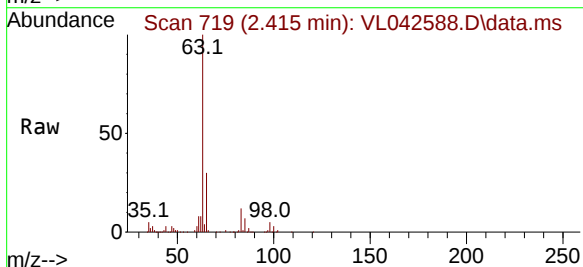
Ion	Ratio	Lower	Upper
43	100		
86	8.2	6.6	9.8
42	9.2	7.0	10.4
44	5.8	4.2	6.2

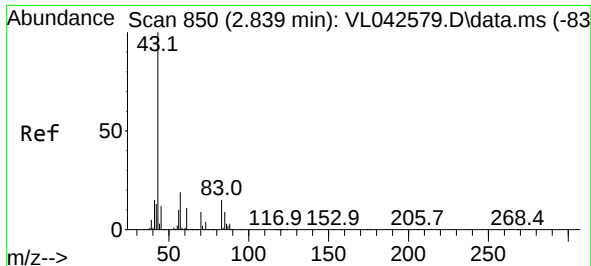


#24
 1,1-Dichloroethane
 Concen: 9.467 ppbv
 RT: 2.415 min Scan# 719
 Delta R.T. 0.003 min
 Lab File: VL042588.D
 Acq: 29 May 2025 16:16

Tgt Ion: 63 Resp: 92736

Ion	Ratio	Lower	Upper
63	100		
98	5.5	2.4	7.1
100	3.5	1.4	4.0



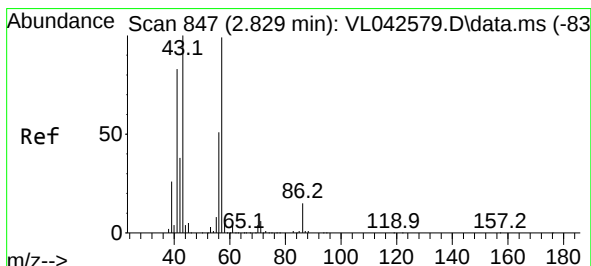
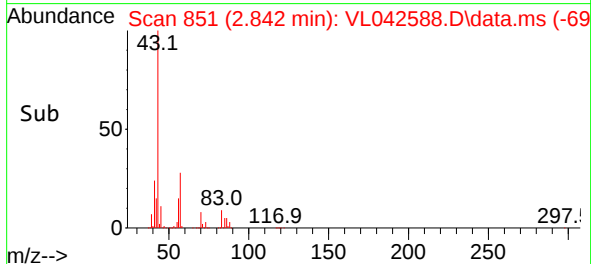
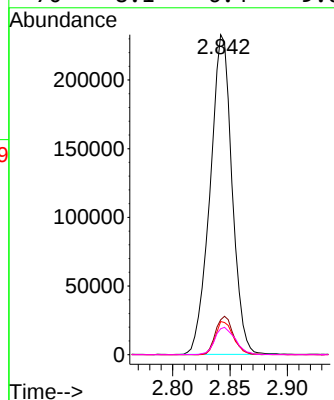
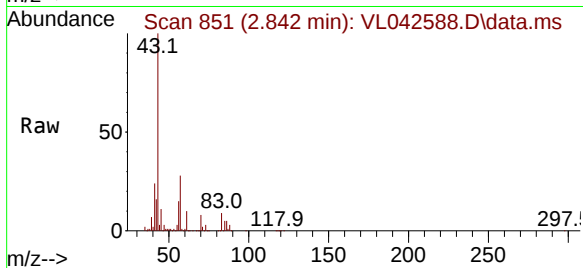


#25
Ethyl Acetate
Concen: 9.158 ppbv
RT: 2.842 min Scan# 81
Delta R.T. 0.003 min
Lab File: VL042588.D
Acq: 29 May 2025 16:16

Instrument :
MSVOA_L
ClientSampleId :
VL0529ABL02

Tgt Ion: 43 Resp: 309166

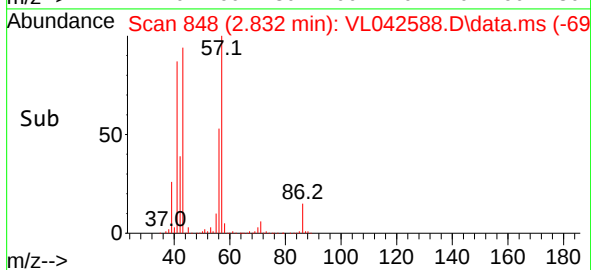
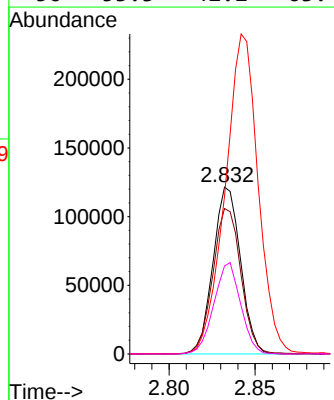
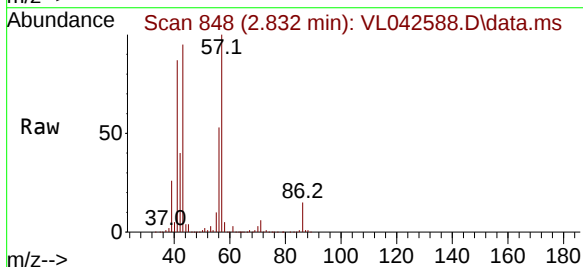
Ion	Ratio	Lower	Upper
43	100		
45	9.9	8.2	12.2
61	8.6	7.1	10.7
70	8.1	6.4	9.6

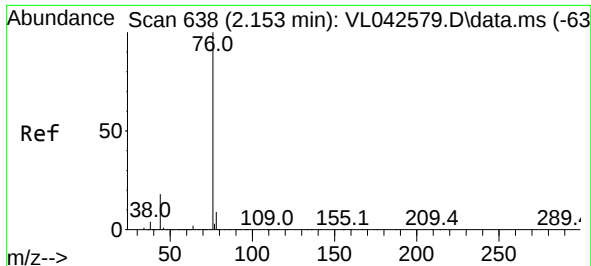


#26
Hexane
Concen: 8.792 ppbv
RT: 2.832 min Scan# 848
Delta R.T. 0.003 min
Lab File: VL042588.D
Acq: 29 May 2025 16:16

Tgt Ion: 57 Resp: 134867

Ion	Ratio	Lower	Upper
57	100		
41	89.8	70.6	106.0
43	229.6	181.1	271.7
56	53.3	42.2	63.4

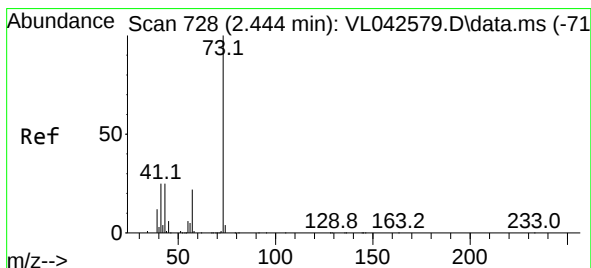
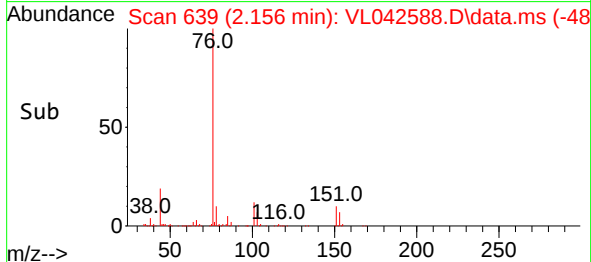
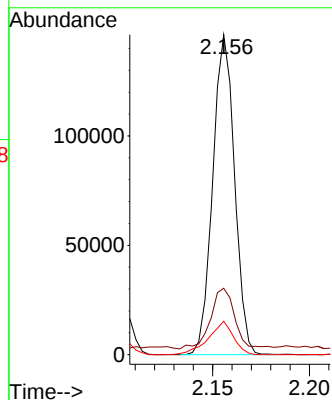
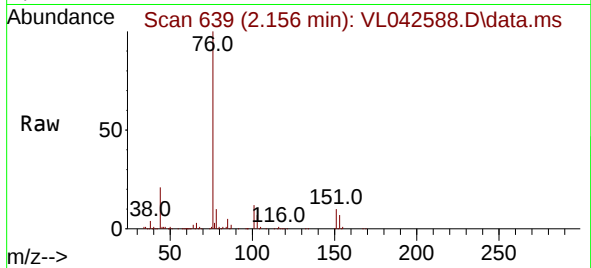




#27
Carbon Disulfide
Concen: 9.740 ppbv
RT: 2.156 min Scan# 611
Delta R.T. 0.003 min
Lab File: VL042588.D
Acq: 29 May 2025 16:16

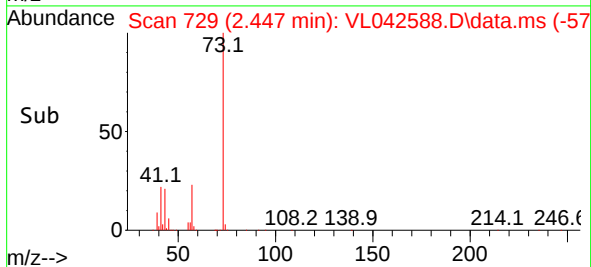
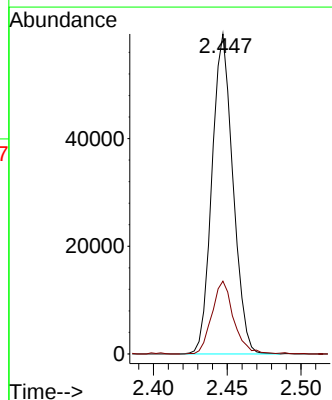
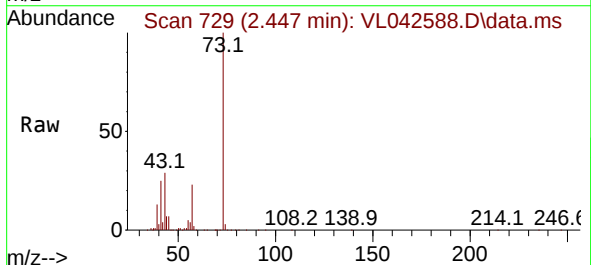
Instrument :
MSVOA_1
ClientSampleId :
VL0529ABL02

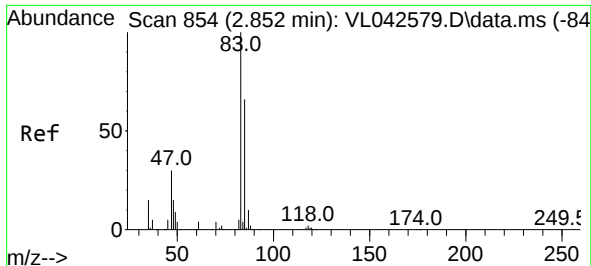
Tgt Ion: 76 Resp: 114697
Ion Ratio Lower Upper
76 100
44 23.5 21.3 31.9
78 11.9 9.4 14.0



#28
Methyl tert-Butyl Ether
Concen: 9.453 ppbv
RT: 2.447 min Scan# 729
Delta R.T. 0.003 min
Lab File: VL042588.D
Acq: 29 May 2025 16:16

Tgt Ion: 73 Resp: 58841
Ion Ratio Lower Upper
73 100
57 23.8 19.9 29.9





#29

Chloroform

Concen: 9.253 ppbv

RT: 2.855 min Scan# 81

Delta R.T. 0.003 min

Lab File: VL042588.D

Acq: 29 May 2025 16:16

Instrument :

MSVOA_L

ClientSampleId :

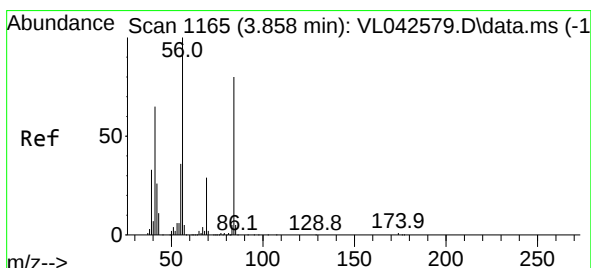
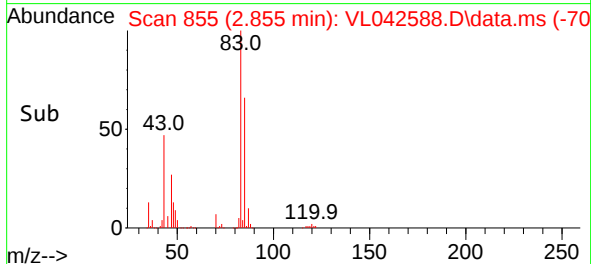
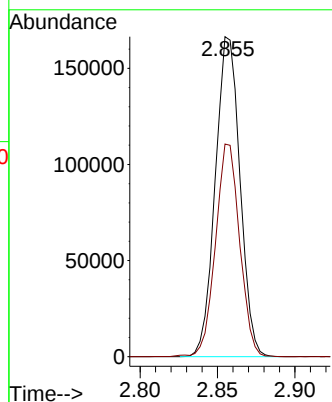
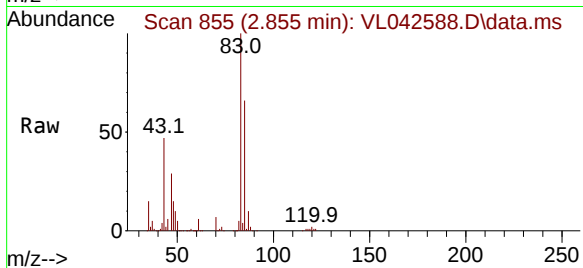
VL0529ABL02

Tgt Ion: 83 Resp: 184574

Ion Ratio Lower Upper

83 100

85 66.4 52.8 79.2



#30

Cyclohexane

Concen: 9.091 ppbv

RT: 3.868 min Scan# 1168

Delta R.T. 0.010 min

Lab File: VL042588.D

Acq: 29 May 2025 16:16

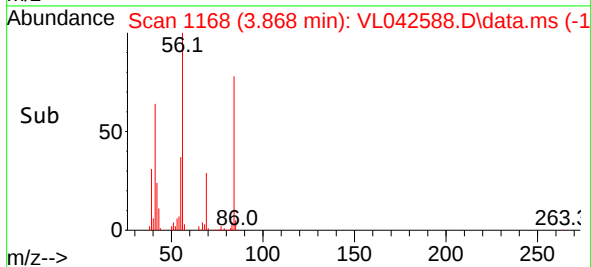
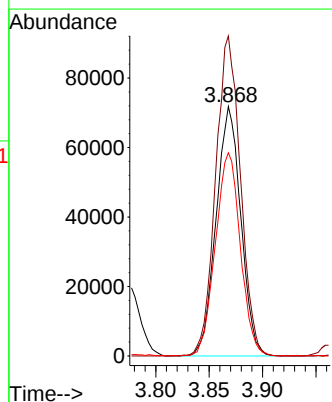
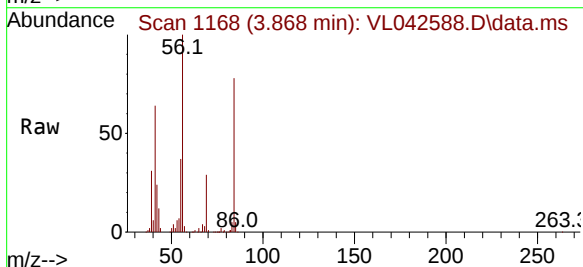
Tgt Ion: 84 Resp: 115600

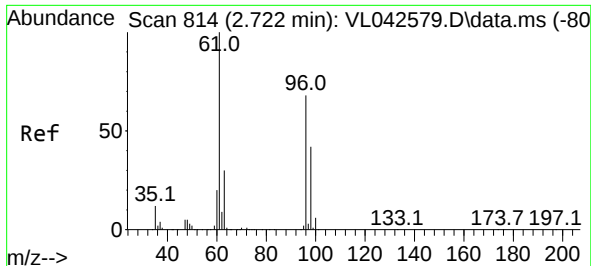
Ion Ratio Lower Upper

84 100

56 128.6 103.7 155.5

41 82.4 65.1 97.7

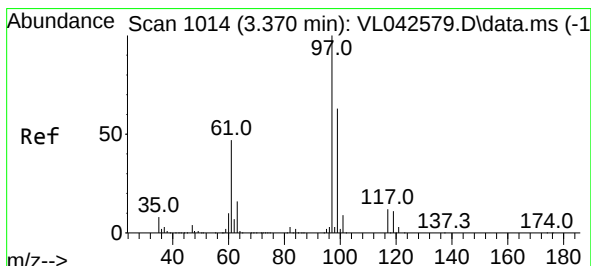
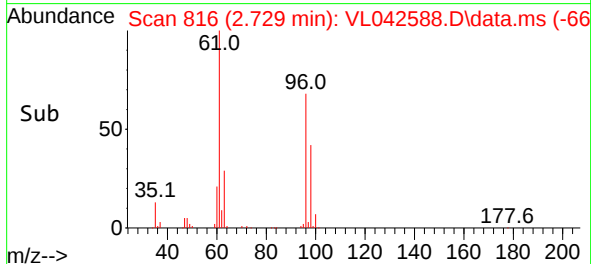
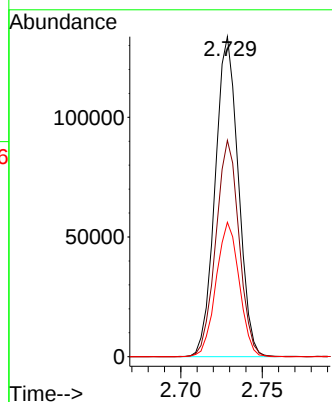
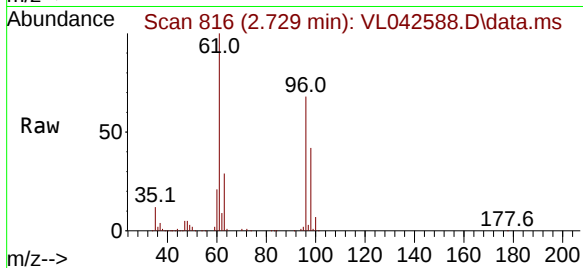




#31
 cis-1,2-Dichloroethene
 Concen: 9.411 ppbv
 RT: 2.729 min Scan# 81
 Delta R.T. 0.006 min
 Lab File: VL042588.D
 Acq: 29 May 2025 16:16

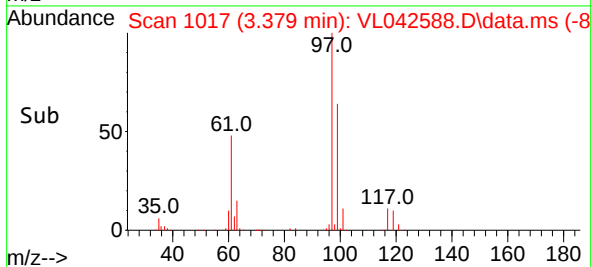
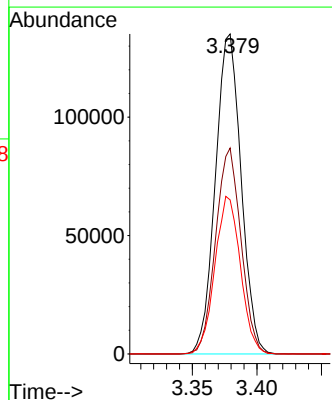
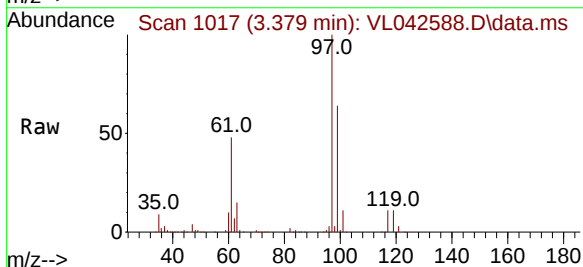
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0529ABL02

Tgt Ion: 61 Resp: 132052
 Ion Ratio Lower Upper
 61 100
 96 67.5 54.5 81.7
 98 42.0 33.4 50.2



#32
 1,1,1-Trichloroethane
 Concen: 9.188 ppbv
 RT: 3.379 min Scan# 1017
 Delta R.T. 0.010 min
 Lab File: VL042588.D
 Acq: 29 May 2025 16:16

Tgt Ion: 97 Resp: 187262
 Ion Ratio Lower Upper
 97 100
 99 63.5 51.0 76.6
 61 48.9 39.4 59.0





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.968 min Scan# 1199

Delta R.T. 0.006 min

Lab File: VL042588.D

Acq: 29 May 2025 16:16

Instrument :

MSVOA_L

ClientSampleId :

VL0529ABL02

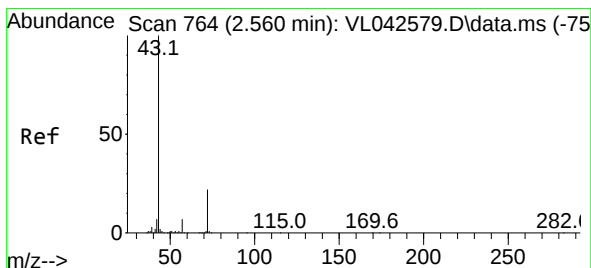
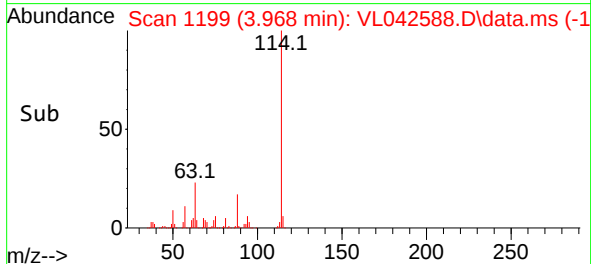
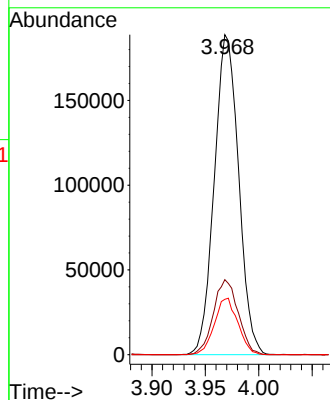
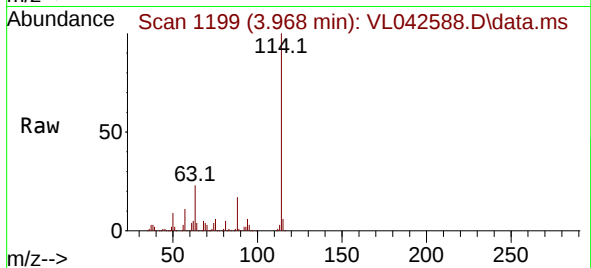
Tgt Ion:114 Resp: 298939

Ion Ratio Lower Upper

114 100

63 23.9 19.0 28.6

88 17.1 13.6 20.4



#34

2-Butanone

Concen: 9.409 ppbv

RT: 2.564 min Scan# 765

Delta R.T. 0.003 min

Lab File: VL042588.D

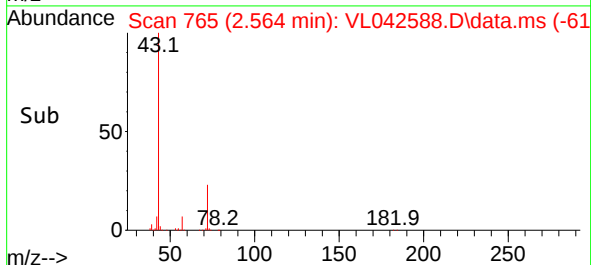
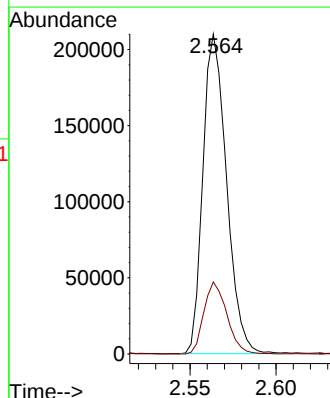
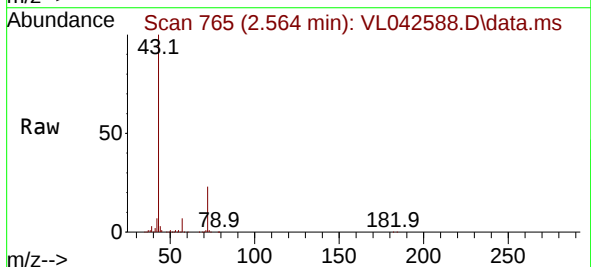
Acq: 29 May 2025 16:16

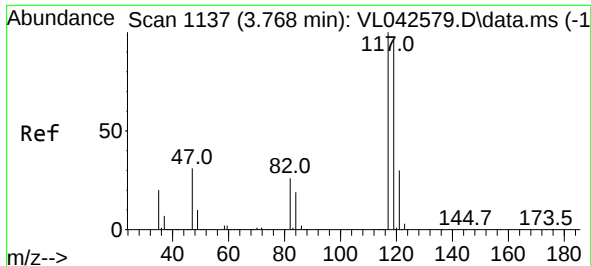
Tgt Ion: 43 Resp: 200578

Ion Ratio Lower Upper

43 100

72 22.1 17.7 26.5

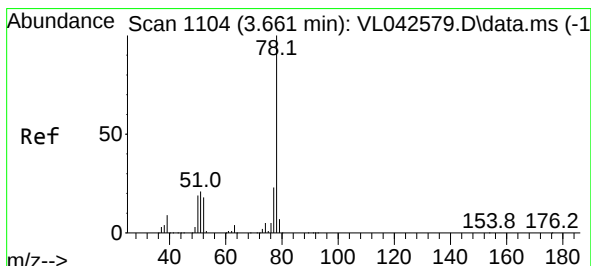
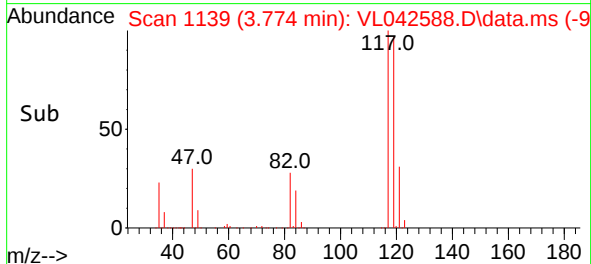
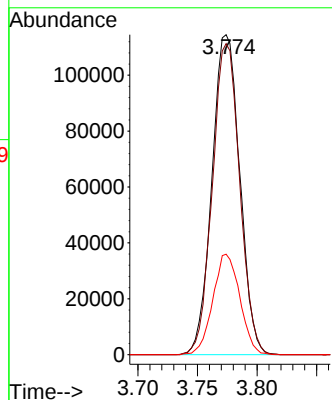
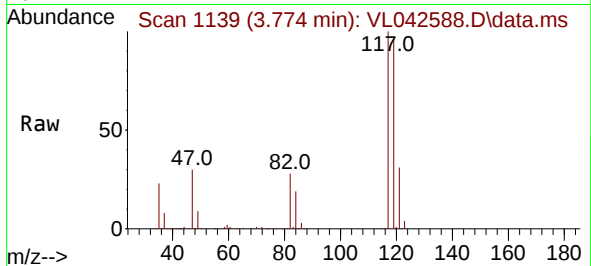




#35
Carbon Tetrachloride
Concen: 9.420 ppbv
RT: 3.774 min Scan# 1137
Delta R.T. 0.006 min
Lab File: VL042588.D
Acq: 29 May 2025 16:16

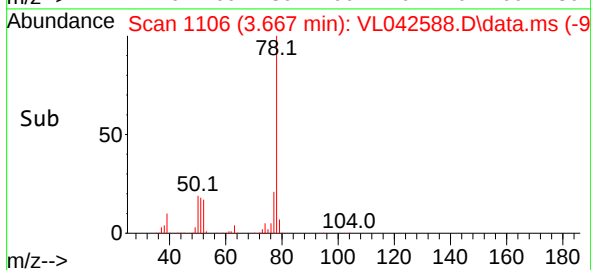
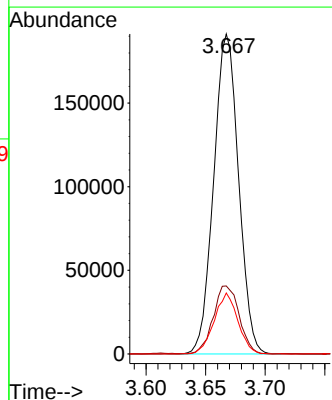
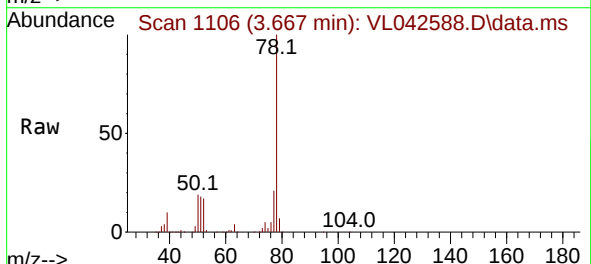
Instrument :
MSVOA_L
ClientSampleId :
VL0529ABL02

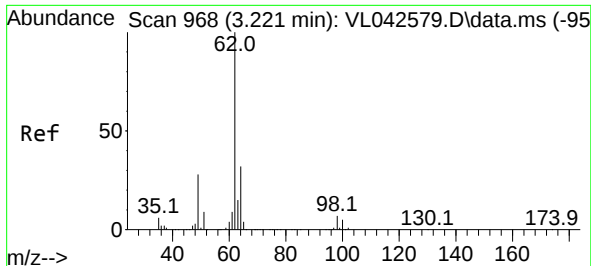
Tgt Ion:117 Resp: 185897
Ion Ratio Lower Upper
117 100
119 97.2 76.8 115.2
121 31.4 24.3 36.5



#36
Benzene
Concen: 9.419 ppbv
RT: 3.667 min Scan# 1106
Delta R.T. 0.006 min
Lab File: VL042588.D
Acq: 29 May 2025 16:16

Tgt Ion: 78 Resp: 277274
Ion Ratio Lower Upper
78 100
77 21.2 18.2 27.2
50 19.0 15.2 22.8





#37

1,2-Dichloroethane

Concen: 9.598 ppbv

RT: 3.227 min Scan# 91

Delta R.T. 0.006 min

Lab File: VL042588.D

Acq: 29 May 2025 16:16

Instrument :

MSVOA_L

ClientSampleId :

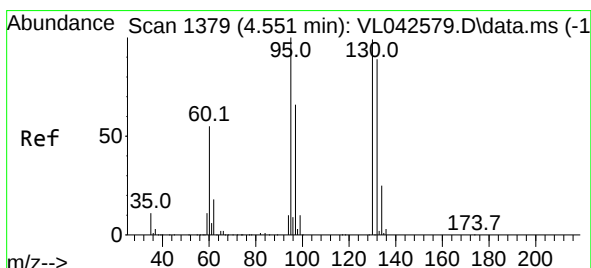
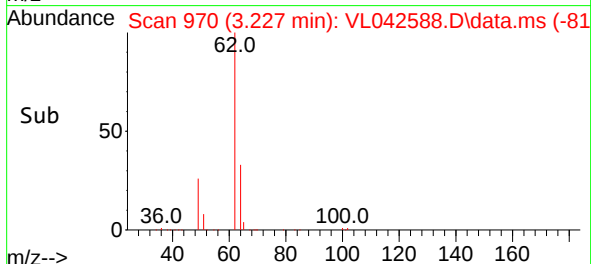
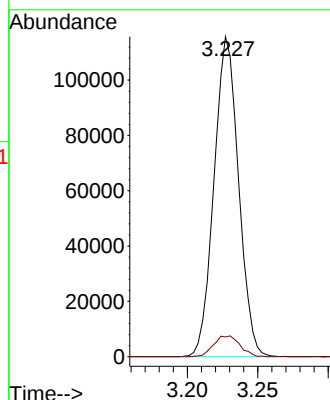
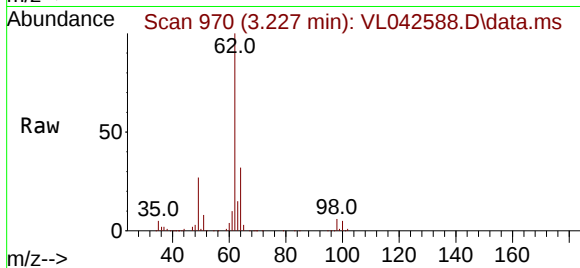
VL0529ABL02

Tgt Ion: 62 Resp: 140418

Ion Ratio Lower Upper

62 100

98 7.0 6.1 9.1



#38

Trichloroethene

Concen: 9.142 ppbv

RT: 4.561 min Scan# 1382

Delta R.T. 0.010 min

Lab File: VL042588.D

Acq: 29 May 2025 16:16

Tgt Ion:130 Resp: 114390

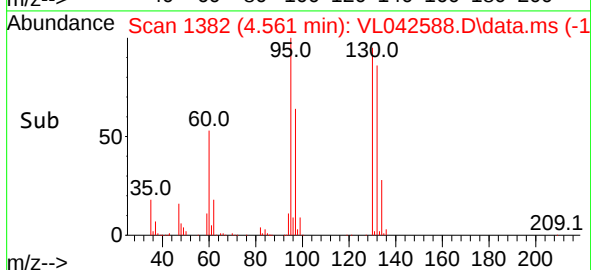
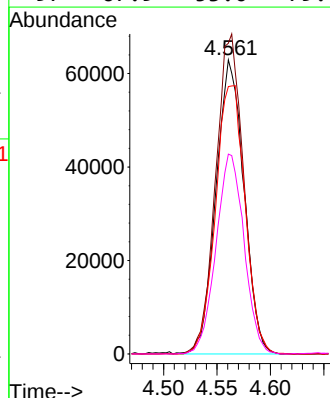
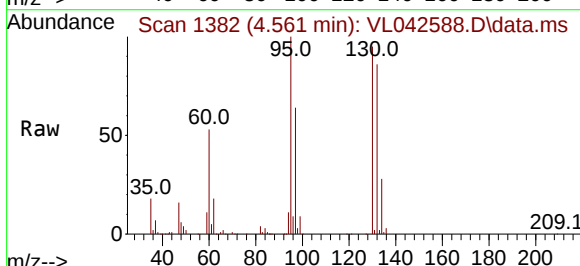
Ion Ratio Lower Upper

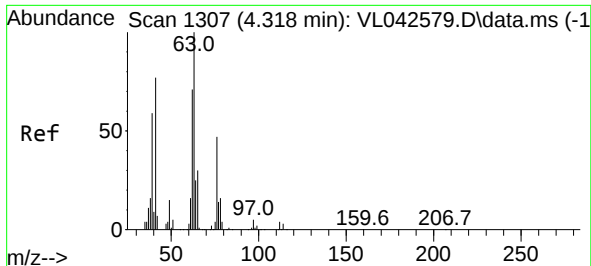
130 100

95 105.6 80.6 121.0

132 90.9 71.8 107.6

97 67.9 53.0 79.4





#39

1,2-Dichloropropane

Concen: 9.183 ppbv

RT: 4.327 min Scan# 11

Delta R.T. 0.010 min

Lab File: VL042588.D

Acq: 29 May 2025 16:16

Instrument :

MSVOA_L

ClientSampleId :

VL0529ABL02

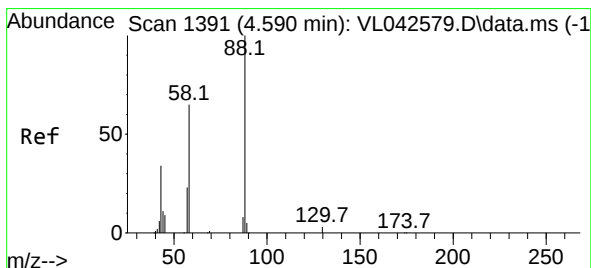
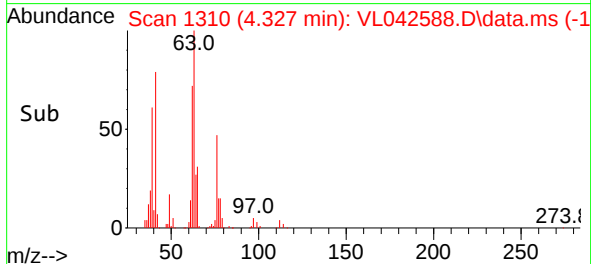
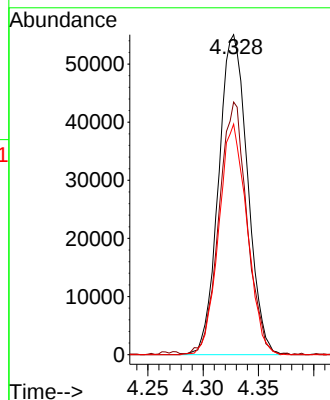
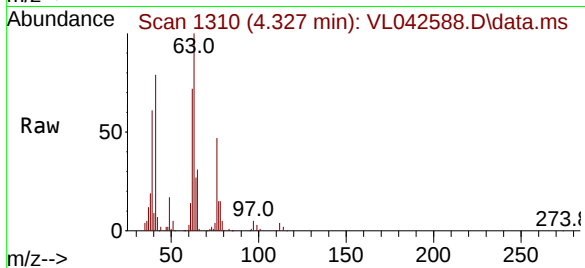
Tgt Ion: 63 Resp: 99966

Ion Ratio Lower Upper

63 100

41 78.6 61.8 92.6

62 72.1 56.6 85.0



#40

1,4-Dioxane

Concen: 9.237 ppbv

RT: 4.596 min Scan# 1393

Delta R.T. 0.006 min

Lab File: VL042588.D

Acq: 29 May 2025 16:16

Tgt Ion: 88 Resp: 44995

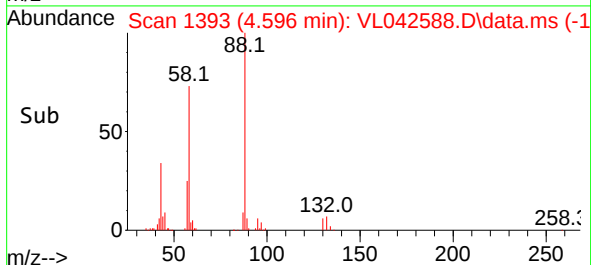
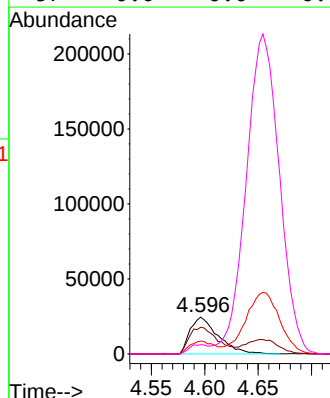
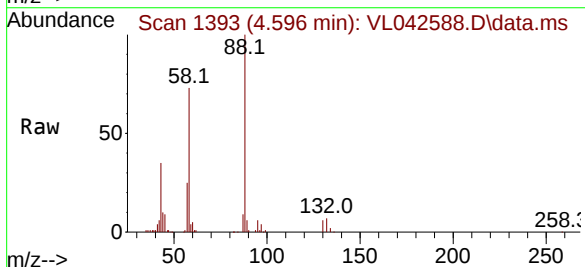
Ion Ratio Lower Upper

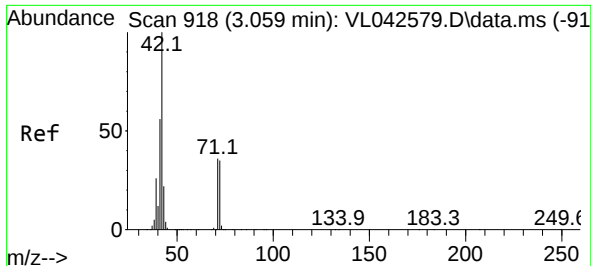
88 100

58 75.5 55.8 83.8

43 30.2 24.8 37.2

57 0.0 0.0 0.0

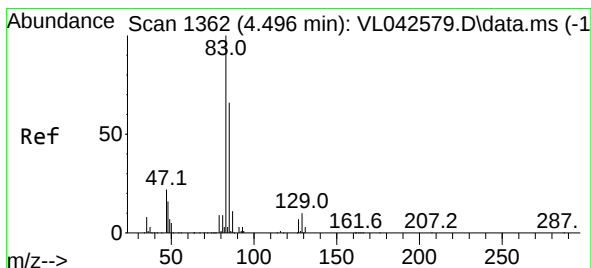
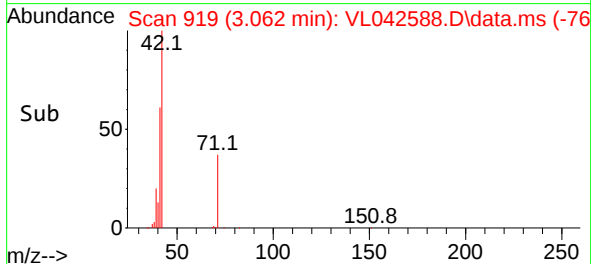
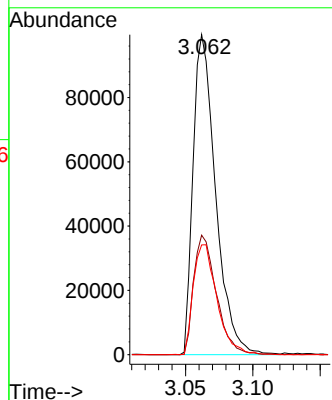
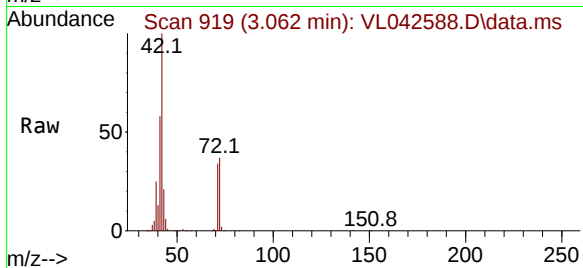




#41
Tetrahydrofuran
Concen: 9.292 ppbv
RT: 3.062 min Scan# 918
Delta R.T. 0.003 min
Lab File: VL042588.D
Acq: 29 May 2025 16:16

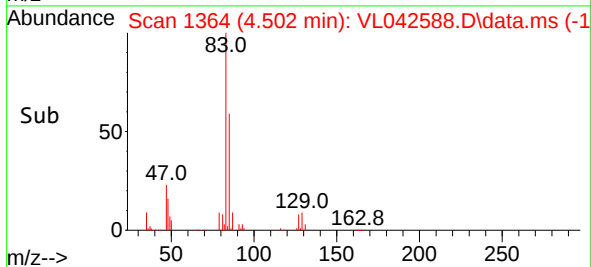
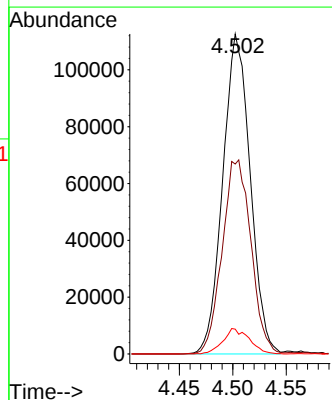
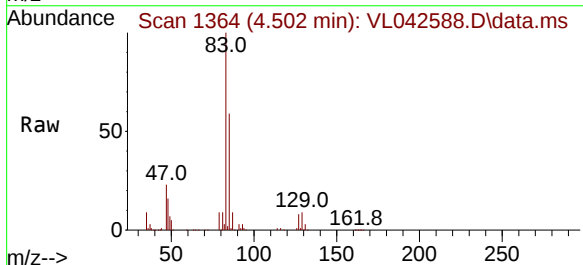
Instrument :
MSVOA_L
ClientSampleId :
VL0529ABL02

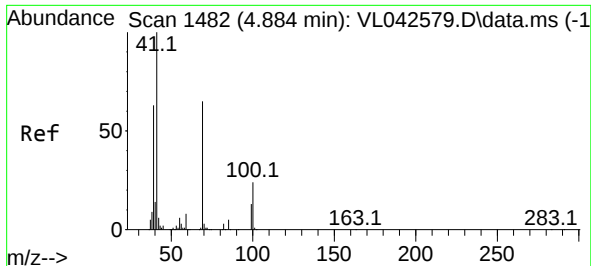
Tgt Ion: 42 Resp: 115958
Ion Ratio Lower Upper
42 100
72 37.6 28.9 43.3
71 36.1 28.5 42.7



#42
Bromodichloromethane
Concen: 9.675 ppbv
RT: 4.502 min Scan# 1364
Delta R.T. 0.006 min
Lab File: VL042588.D
Acq: 29 May 2025 16:16

Tgt Ion: 83 Resp: 201042
Ion Ratio Lower Upper
83 100
85 59.4 52.7 79.1
127 7.8 5.8 8.6

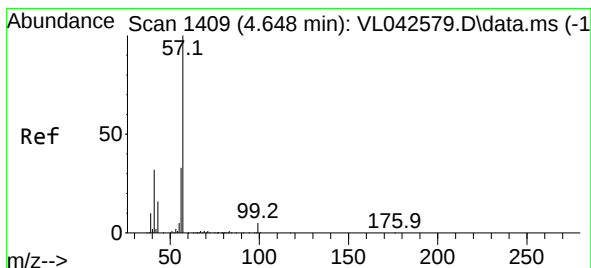
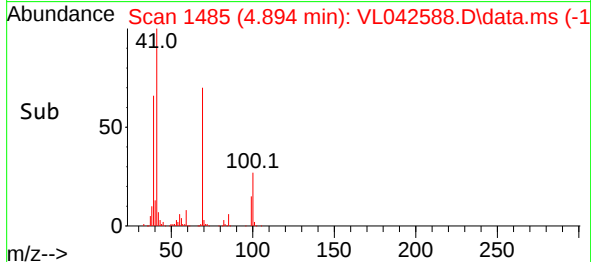
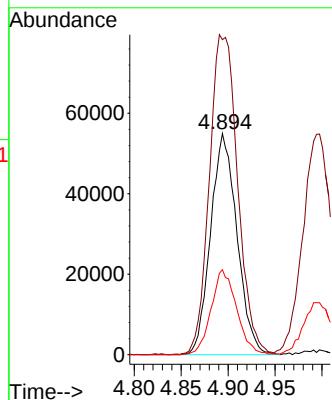
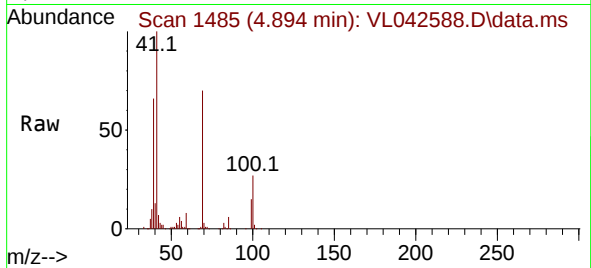




#43
Methyl Methacrylate
Concen: 9.407 ppbv
RT: 4.894 min Scan# 1411
Delta R.T. 0.010 min
Lab File: VL042588.D
Acq: 29 May 2025 16:16

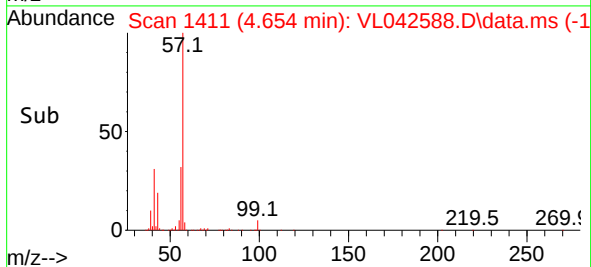
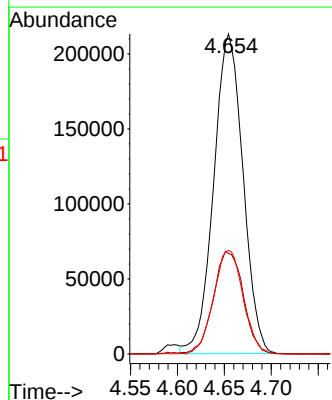
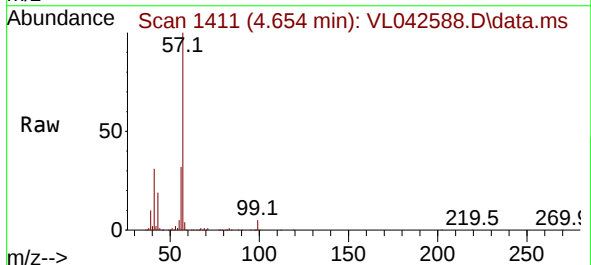
Instrument :
MSVOA_L
ClientSampleId :
VL0529ABL02

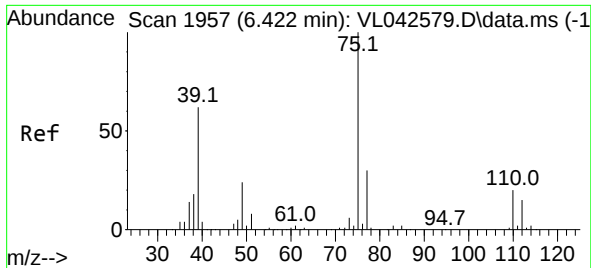
Tgt Ion: 69 Resp: 107482
Ion Ratio Lower Upper
69 100
41 155.0 124.6 187.0
100 37.1 29.9 44.9



#44
2,2,4-Trimethylpentane
Concen: 9.189 ppbv
RT: 4.654 min Scan# 1411
Delta R.T. 0.006 min
Lab File: VL042588.D
Acq: 29 May 2025 16:16

Tgt Ion: 57 Resp: 462681
Ion Ratio Lower Upper
57 100
41 33.2 26.1 39.1
56 32.6 25.9 38.9

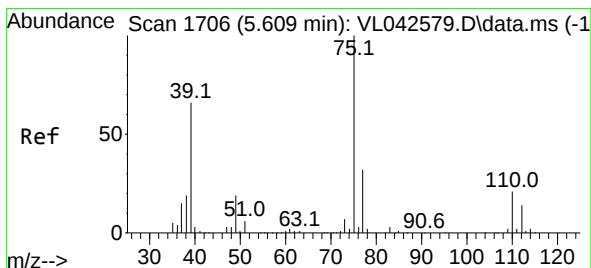
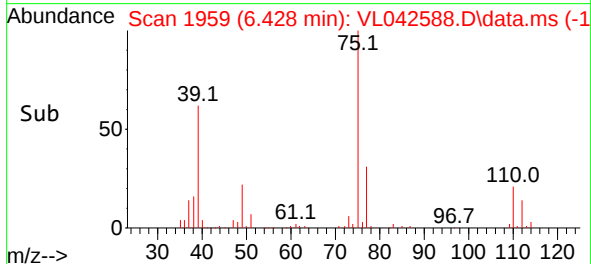
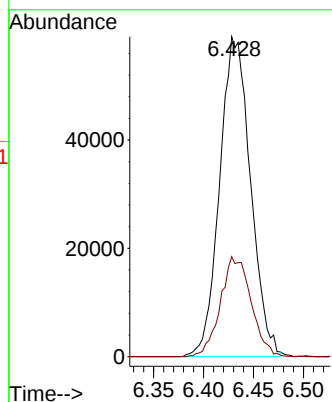
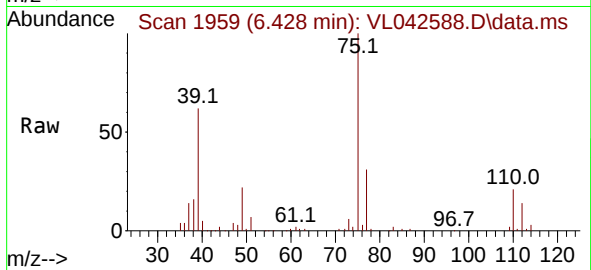




#45
t-1,3-Dichloropropene
Concen: 9.700 ppbv
RT: 6.428 min Scan# 1957
Delta R.T. 0.006 min
Lab File: VL042588.D
Acq: 29 May 2025 16:16

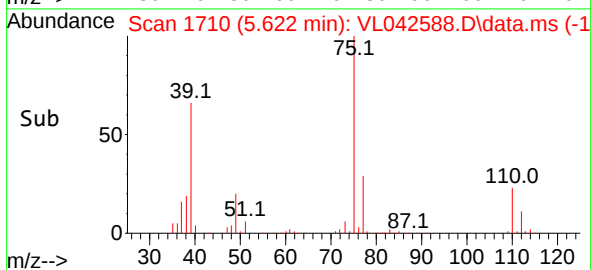
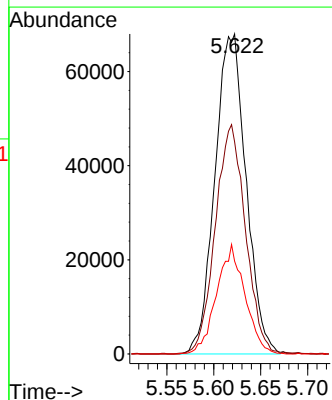
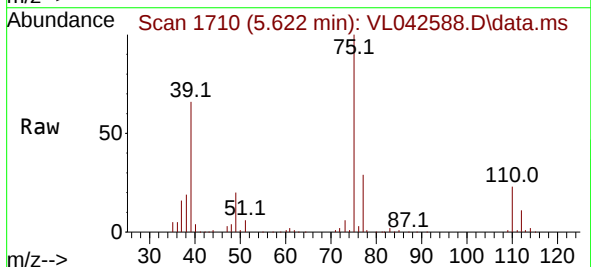
Instrument :
MSVOA_1
ClientSampleId :
VL0529ABL02

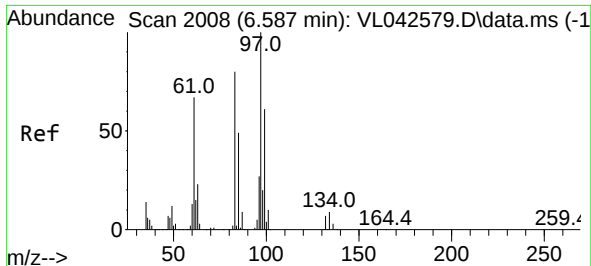
Tgt Ion: 75 Resp: 126823
Ion Ratio Lower Upper
75 100
77 31.2 24.2 36.2



#46
cis-1,3-Dichloropropene
Concen: 9.579 ppbv
RT: 5.622 min Scan# 1710
Delta R.T. 0.013 min
Lab File: VL042588.D
Acq: 29 May 2025 16:16

Tgt Ion: 75 Resp: 156930
Ion Ratio Lower Upper
75 100
39 66.1 52.7 79.1
77 28.9 25.8 38.8

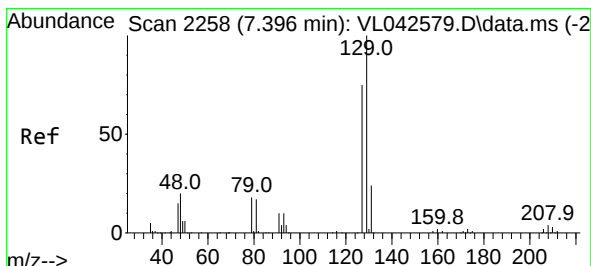
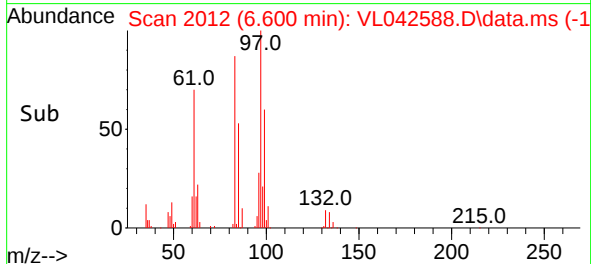
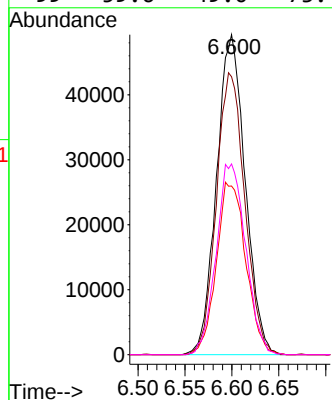
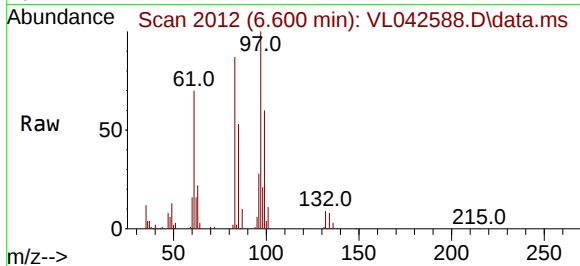




#47
1,1,2-Trichloroethane
Concen: 9.260 ppbv
RT: 6.600 min Scan# 20
Delta R.T. 0.013 min
Lab File: VL042588.D
Acq: 29 May 2025 16:16

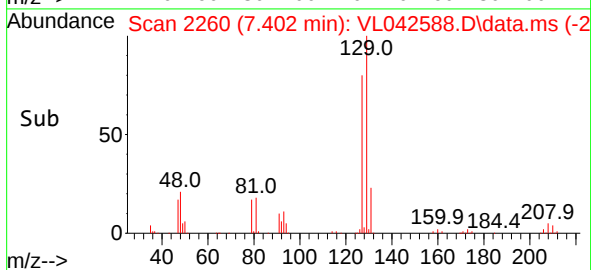
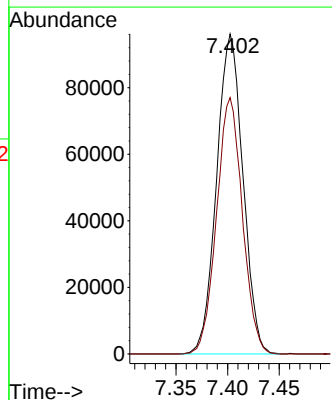
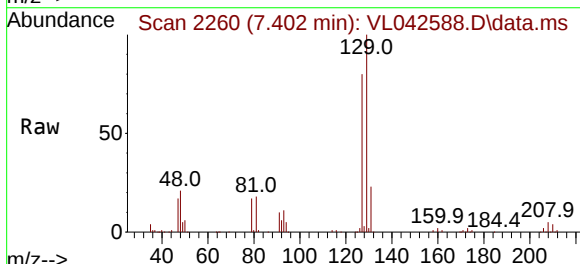
Instrument :
MSVOA_L
ClientSampleId :
VL0529ABL02

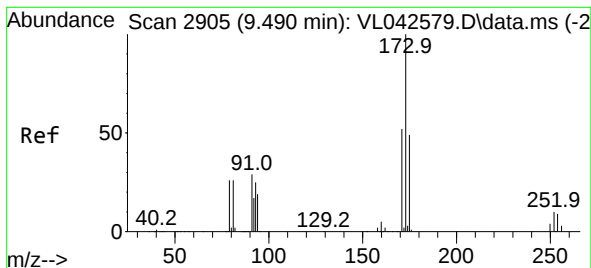
Tgt Ion: 97	Resp: 104353
Ion Ratio	Lower Upper
97 100	
83 86.9	63.9 95.9
85 52.7	39.2 58.8
99 59.6	49.0 73.4



#48
Dibromochloromethane
Concen: 9.453 ppbv
RT: 7.402 min Scan# 2260
Delta R.T. 0.006 min
Lab File: VL042588.D
Acq: 29 May 2025 16:16

Tgt Ion:129	Resp: 170538
Ion Ratio	Lower Upper
129 100	
127 78.6	39.0 116.9





#49

Bromoform

Concen: 9.537 ppbv

RT: 9.493 min Scan# 2905

Delta R.T. 0.003 min

Lab File: VL042588.D

Acq: 29 May 2025 16:16

Instrument :

MSVOA_L

ClientSampleId :

VL0529ABL02

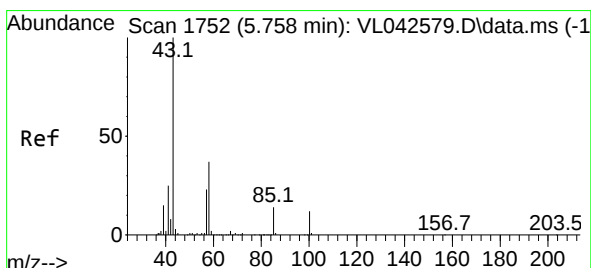
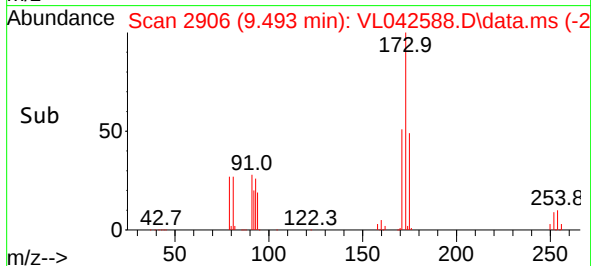
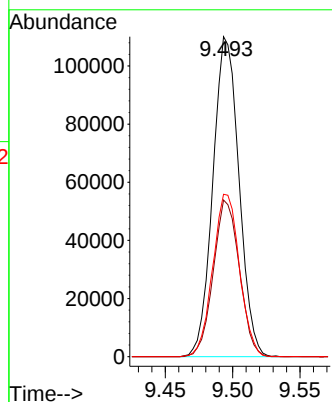
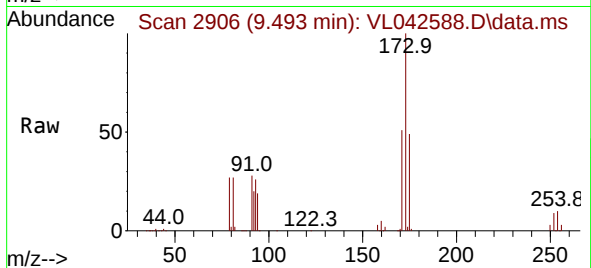
Tgt Ion:173 Resp: 148456

Ion Ratio Lower Upper

173 100

175 48.8 38.7 58.1

171 51.8 41.2 61.8



#50

4-Methyl-2-Pentanone

Concen: 9.426 ppbv

RT: 5.771 min Scan# 1756

Delta R.T. 0.013 min

Lab File: VL042588.D

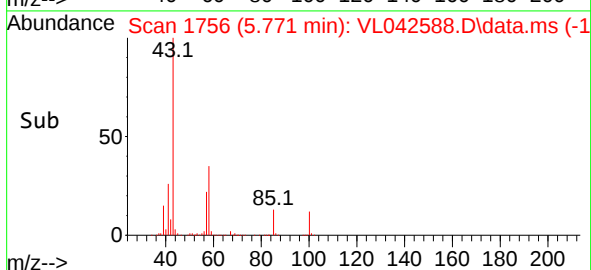
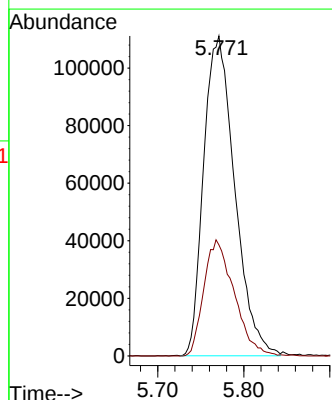
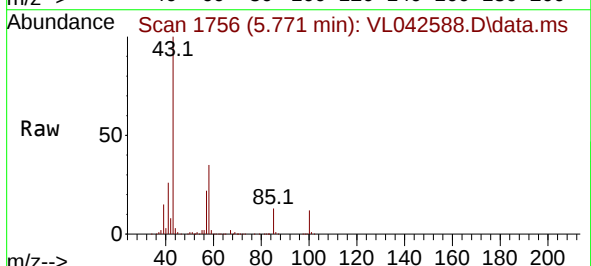
Acq: 29 May 2025 16:16

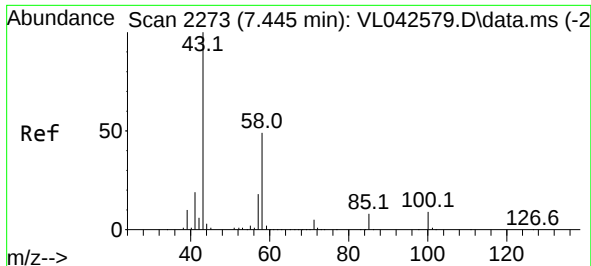
Tgt Ion: 43 Resp: 278734

Ion Ratio Lower Upper

43 100

58 35.5 28.3 42.5

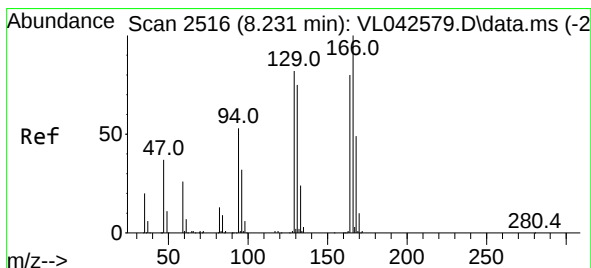
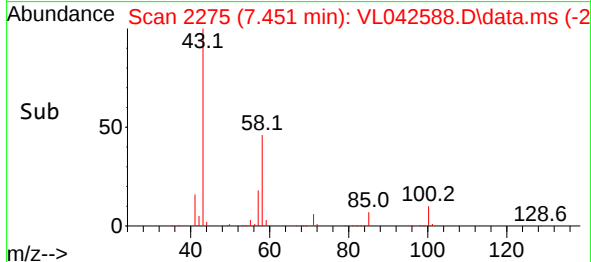
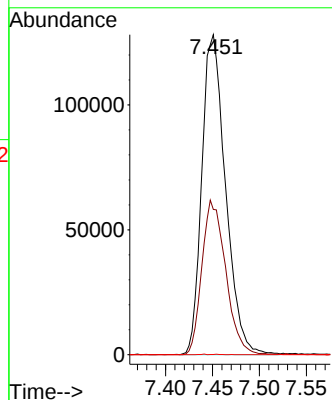
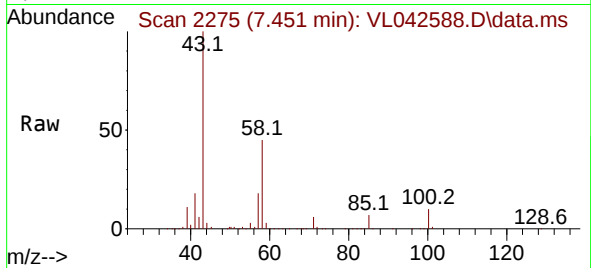




#51
2-Hexanone
Concen: 9.612 ppbv
RT: 7.451 min Scan# 21
Delta R.T. 0.006 min
Lab File: VL042588.D
Acq: 29 May 2025 16:16

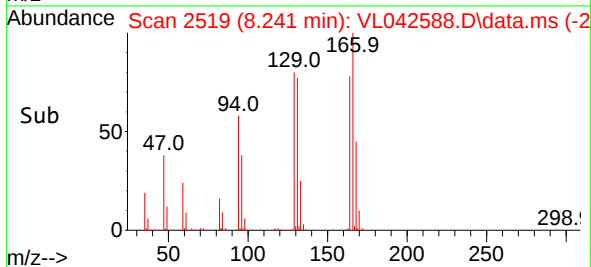
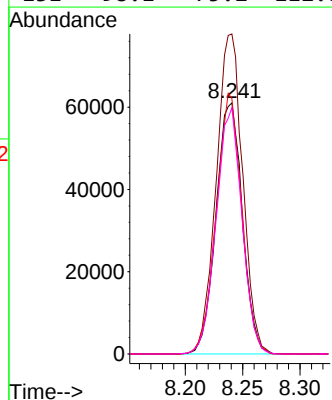
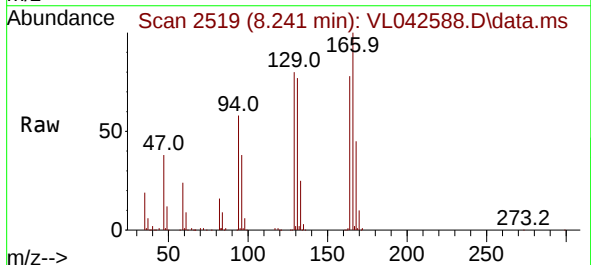
Instrument :
MSVOA_L
ClientSampleId :
VL0529ABL02

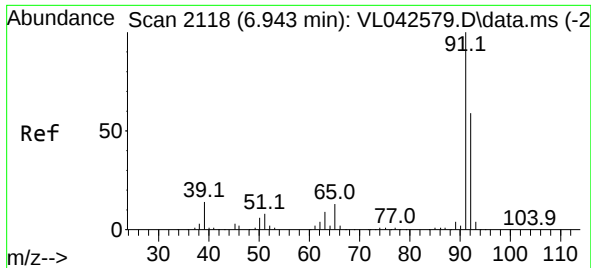
Tgt Ion: 43 Resp: 225428
Ion Ratio Lower Upper
43 100
58 48.3 39.9 59.9
98 0.1 0.1 0.1



#52
Tetrachloroethene
Concen: 8.867 ppbv
RT: 8.241 min Scan# 2519
Delta R.T. 0.010 min
Lab File: VL042588.D
Acq: 29 May 2025 16:16

Tgt Ion:164 Resp: 97535
Ion Ratio Lower Upper
164 100
166 127.5 100.0 150.0
129 101.7 82.2 123.4
131 98.1 75.2 112.8

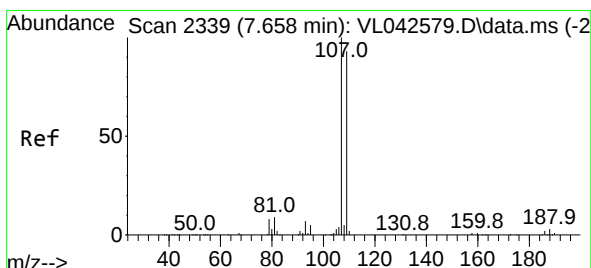
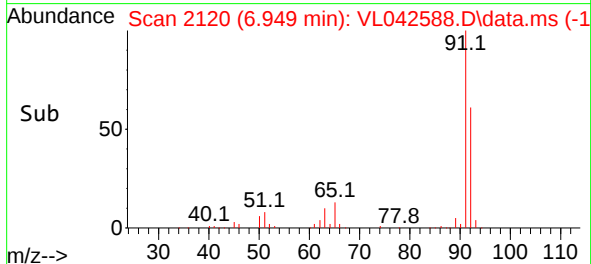
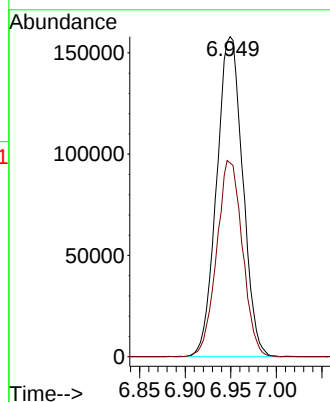
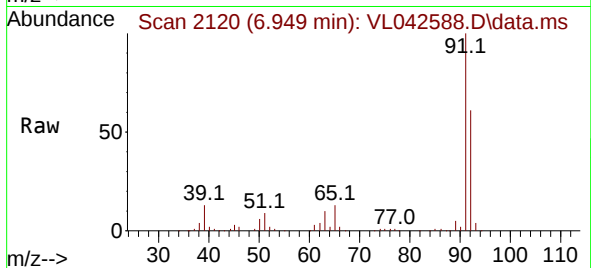




#53
Toluene
Concen: 9.240 ppbv
RT: 6.949 min Scan# 2118
Delta R.T. 0.006 min
Lab File: VL042588.D
Acq: 29 May 2025 16:16

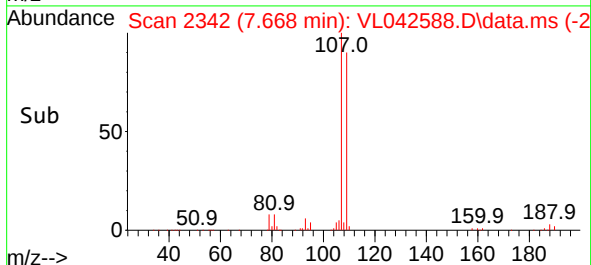
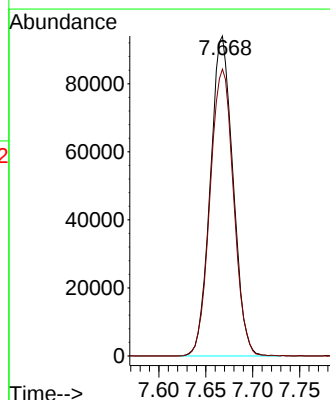
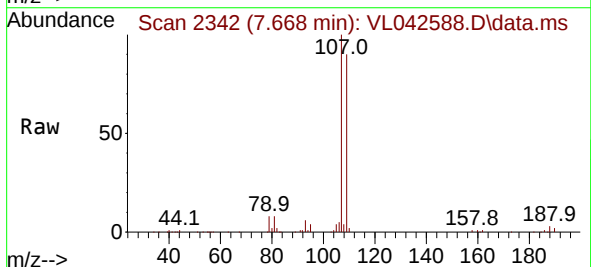
Instrument :
MSVOA_L
ClientSampleId :
VL0529ABL02

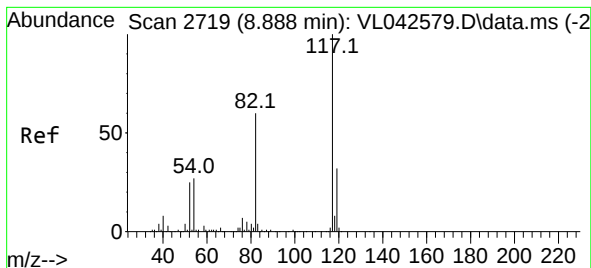
Tgt Ion: 91 Resp: 314387
Ion Ratio Lower Upper
91 100
92 60.6 48.2 72.4



#54
1,2-Dibromoethane
Concen: 9.473 ppbv
RT: 7.668 min Scan# 2342
Delta R.T. 0.010 min
Lab File: VL042588.D
Acq: 29 May 2025 16:16

Tgt Ion: 107 Resp: 158006
Ion Ratio Lower Upper
107 100
109 89.6 74.3 111.5





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 8.894 min Scan# 2719

Delta R.T. 0.006 min

Lab File: VL042588.D

Acq: 29 May 2025 16:16

Instrument :

MSVOA_L

ClientSampleId :

VL0529ABL02

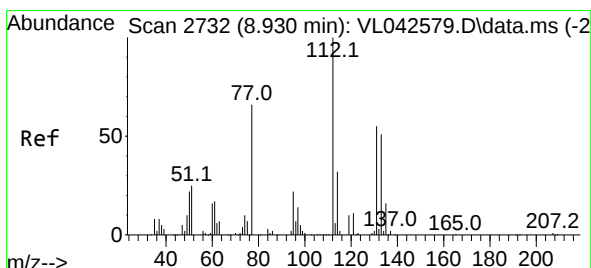
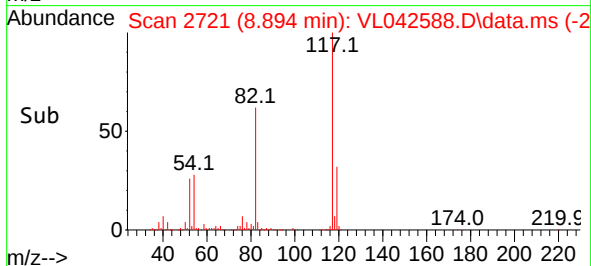
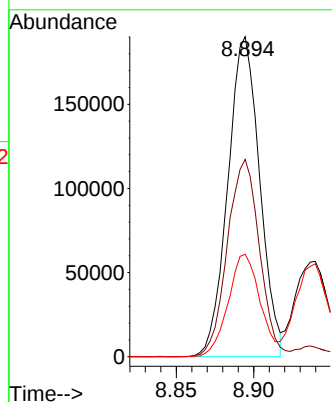
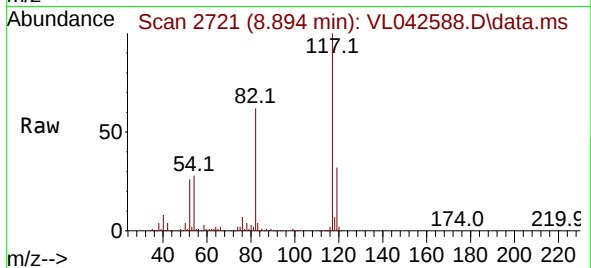
Tgt Ion:117 Resp: 272381

Ion Ratio Lower Upper

117 100

82 65.1 51.2 76.8

119 32.4 26.3 39.5



#56

1,1,1,2-Tetrachloroethane

Concen: 9.386 ppbv

RT: 8.936 min Scan# 2734

Delta R.T. 0.006 min

Lab File: VL042588.D

Acq: 29 May 2025 16:16

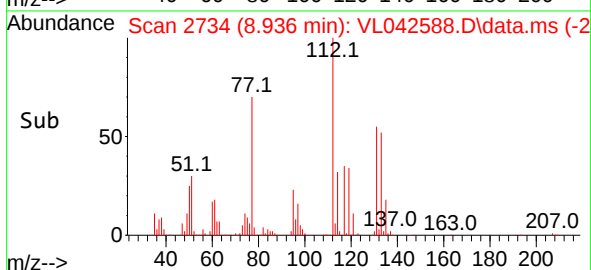
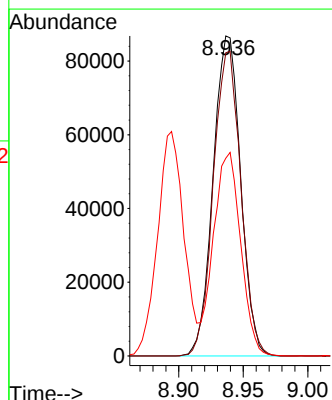
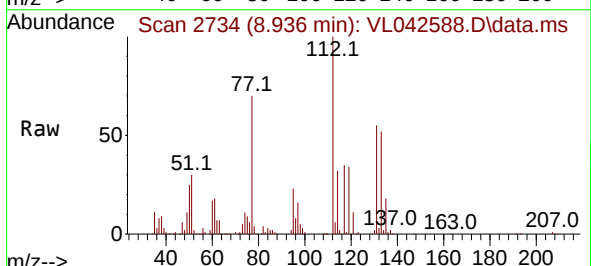
Tgt Ion:131 Resp: 128551

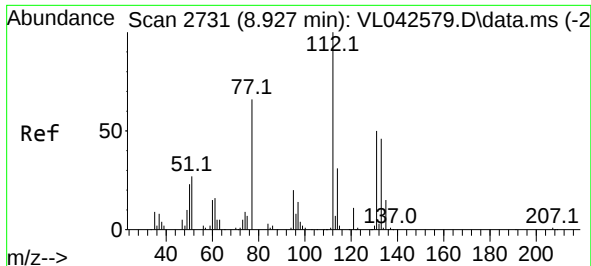
Ion Ratio Lower Upper

131 100

133 95.5 75.0 112.6

119 60.4 50.8 76.2

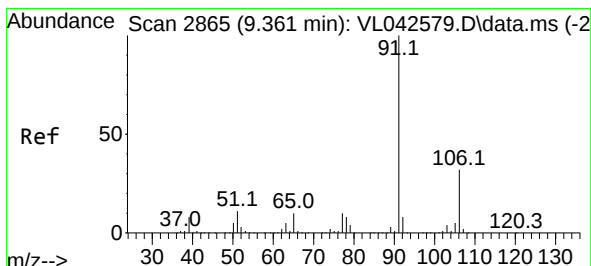
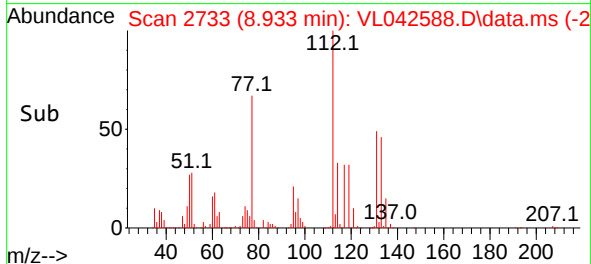
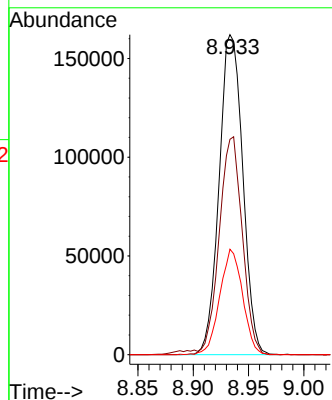
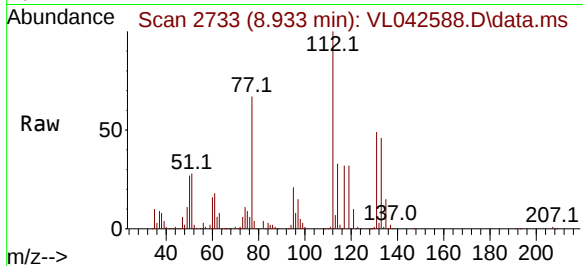




#57
Chlorobenzene
Concen: 9.118 ppbv
RT: 8.933 min Scan# 21
Delta R.T. 0.006 min
Lab File: VL042588.D
Acq: 29 May 2025 16:16

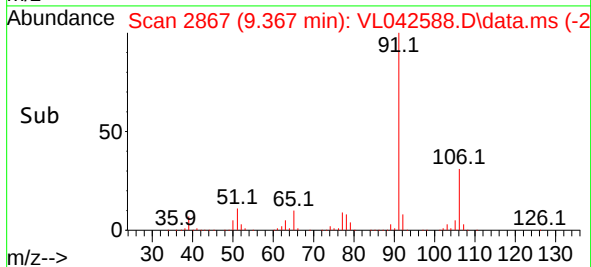
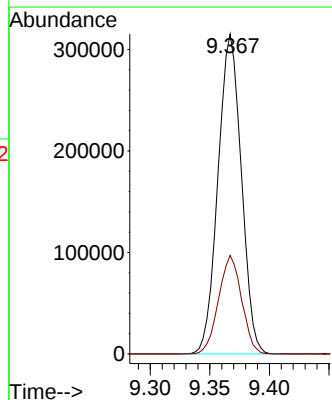
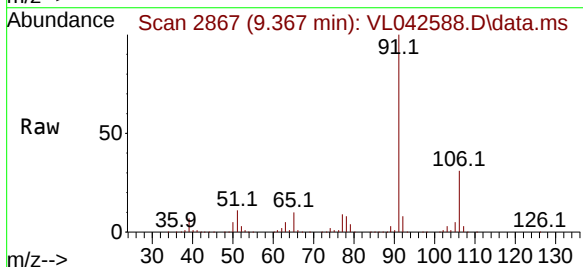
Instrument :
MSVOA_1
ClientSampleId :
VL0529ABL02

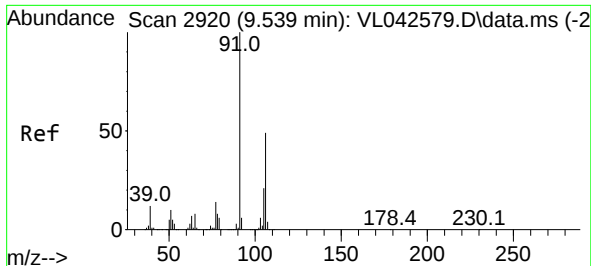
Tgt Ion:112 Resp: 241140
Ion Ratio Lower Upper
112 100
77 67.3 53.5 80.3
114 32.9 27.8 34.0



#58
Ethyl Benzene
Concen: 9.274 ppbv
RT: 9.367 min Scan# 2867
Delta R.T. 0.006 min
Lab File: VL042588.D
Acq: 29 May 2025 16:16

Tgt Ion: 91 Resp: 428495
Ion Ratio Lower Upper
91 100
106 30.8 25.9 38.9

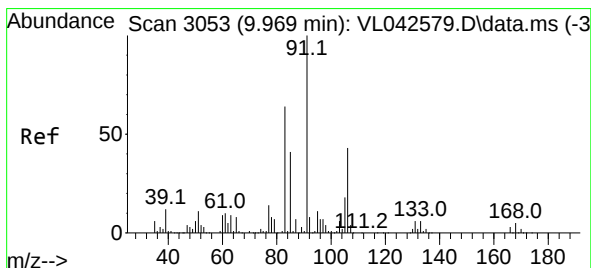
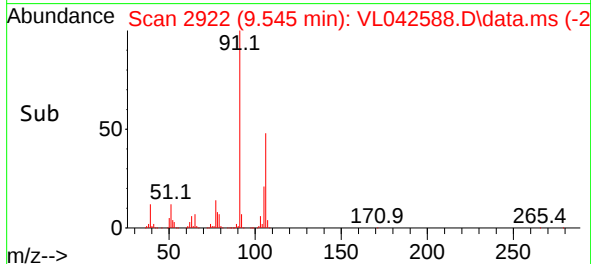
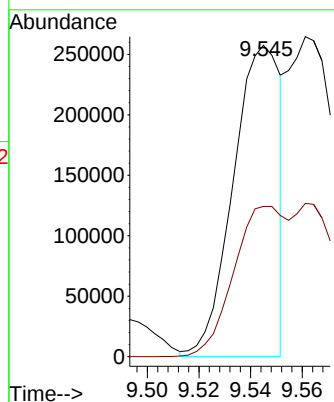
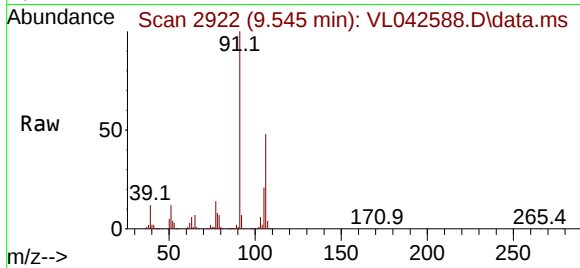




#59
m/p-Xylene
Concen: 8.947 ppbv
RT: 9.545 min Scan# 2920
Delta R.T. 0.006 min
Lab File: VL042588.D
Acq: 29 May 2025 16:16

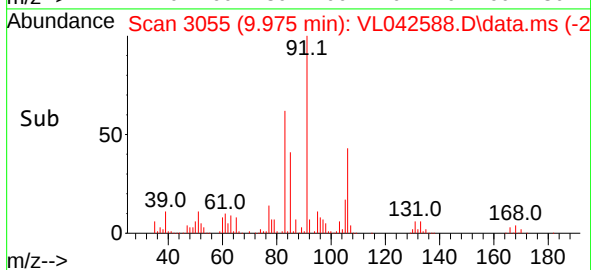
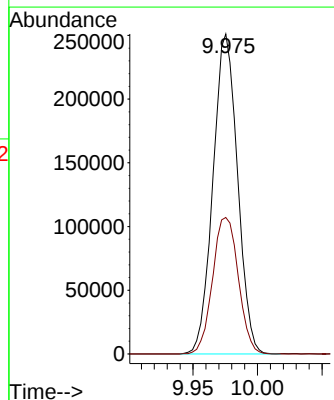
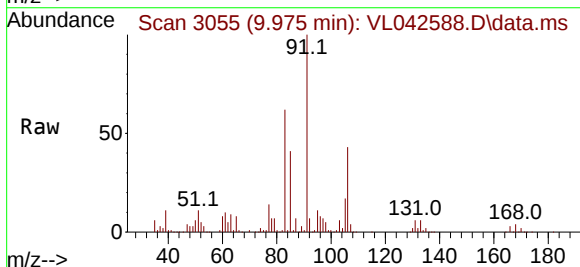
Instrument :
MSVOA_1
ClientSampleId :
VL0529ABL02

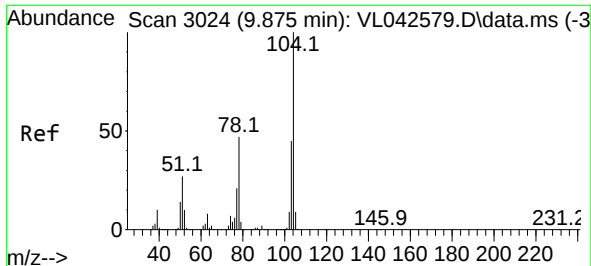
Tgt Ion: 91 Resp: 325307
Ion Ratio Lower Upper
91 100
106 0.0 38.8 58.2#



#60
o-Xylene
Concen: 9.151 ppbv
RT: 9.975 min Scan# 3055
Delta R.T. 0.006 min
Lab File: VL042588.D
Acq: 29 May 2025 16:16

Tgt Ion: 91 Resp: 331838
Ion Ratio Lower Upper
91 100
106 44.7 22.9 68.5

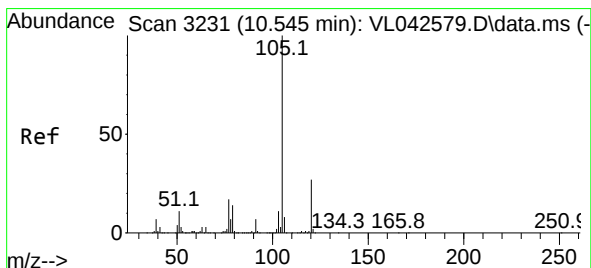
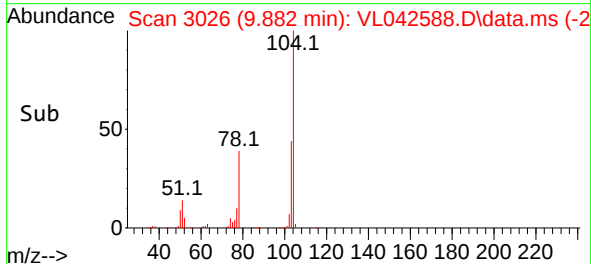
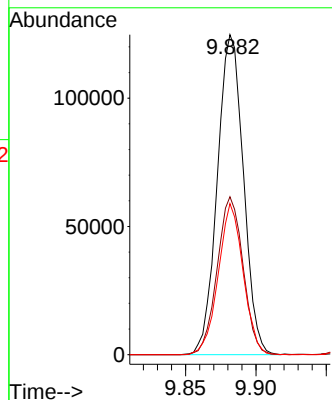
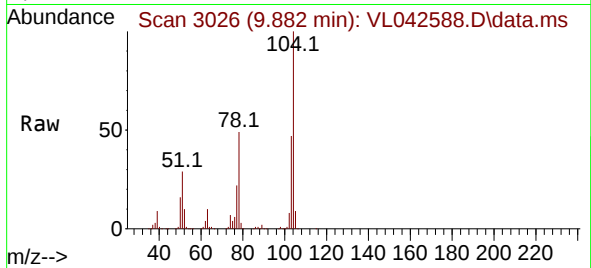




#61
Styrene
Concen: 9.389 ppbv
RT: 9.882 min Scan# 3024
Delta R.T. 0.006 min
Lab File: VL042588.D
Acq: 29 May 2025 16:16

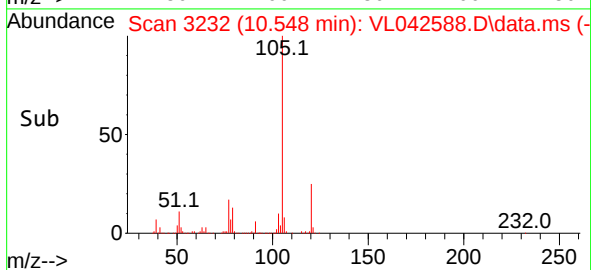
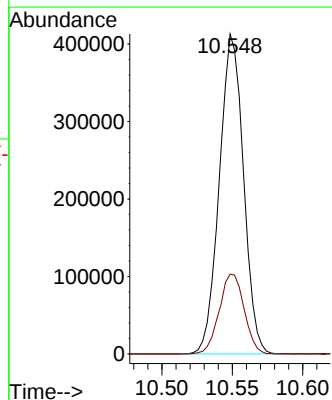
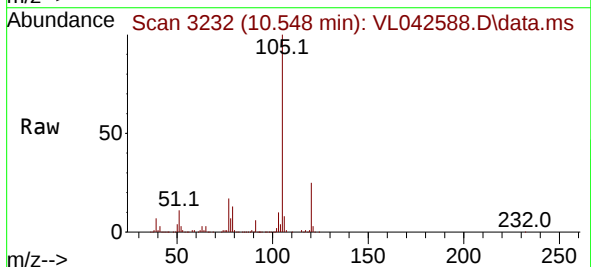
Instrument :
MSVOA_L
ClientSampleId :
VL0529ABL02

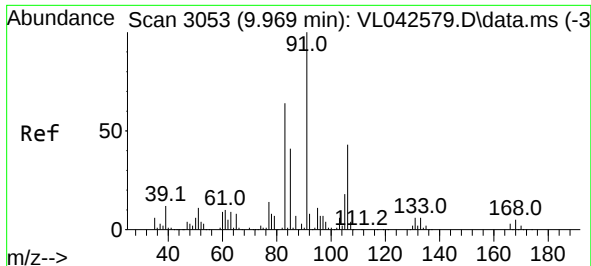
Tgt Ion:104 Resp: 160970
Ion Ratio Lower Upper
104 100
78 48.9 38.2 57.4
103 45.0 36.7 55.1



#62
Isopropylbenzene
Concen: 9.194 ppbv
RT: 10.548 min Scan# 3232
Delta R.T. 0.003 min
Lab File: VL042588.D
Acq: 29 May 2025 16:16

Tgt Ion:105 Resp: 492545
Ion Ratio Lower Upper
105 100
120 25.8 20.9 31.3

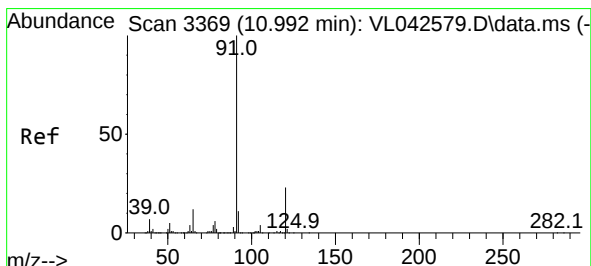
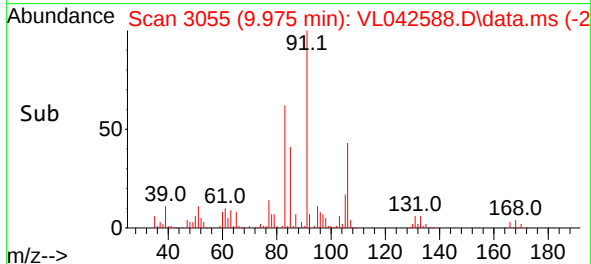
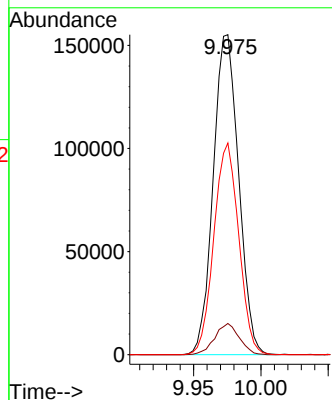
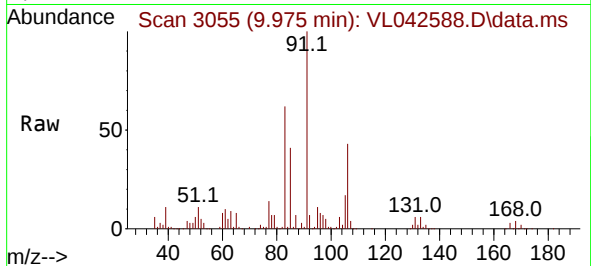




#63
1,1,2,2-Tetrachloroethane
Concen: 8.833 ppbv
RT: 9.975 min Scan# 3053
Delta R.T. 0.006 min
Lab File: VL042588.D
Acq: 29 May 2025 16:16

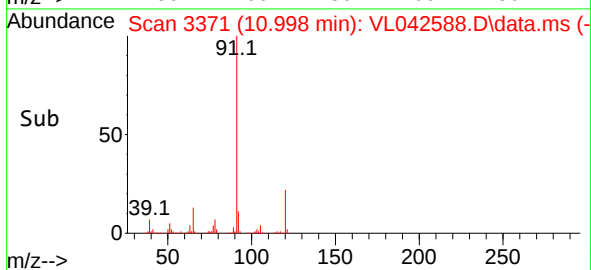
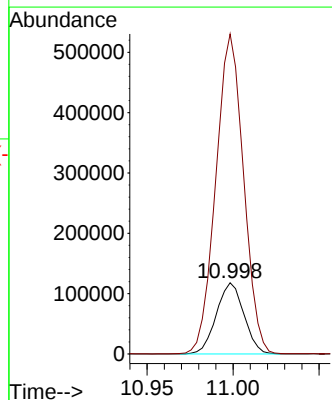
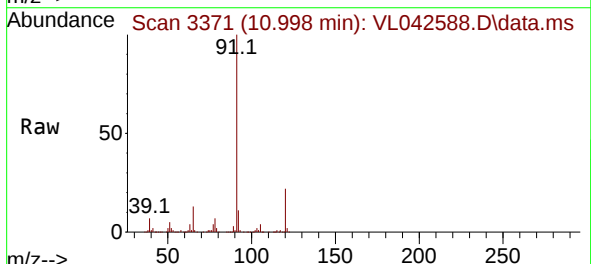
Instrument :
MSVOA_L
ClientSampleId :
VL0529ABL02

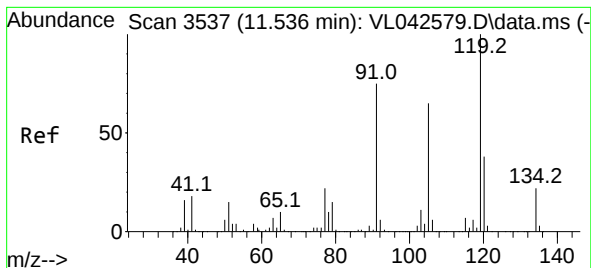
Tgt Ion: 83 Resp: 203676
Ion Ratio Lower Upper
83 100
131 9.4 4.8 14.4
85 64.6 32.5 97.4



#64
n-propylbenzene
Concen: 9.127 ppbv
RT: 10.998 min Scan# 3371
Delta R.T. 0.006 min
Lab File: VL042588.D
Acq: 29 May 2025 16:16

Tgt Ion: 120 Resp: 131076
Ion Ratio Lower Upper
120 100
91 454.1 363.0 544.6

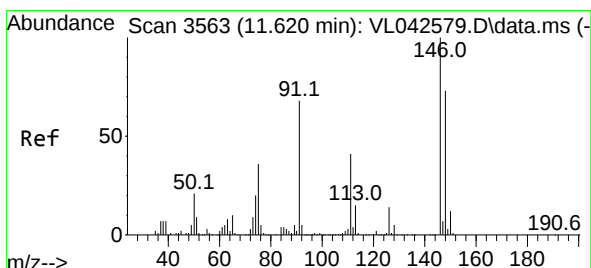
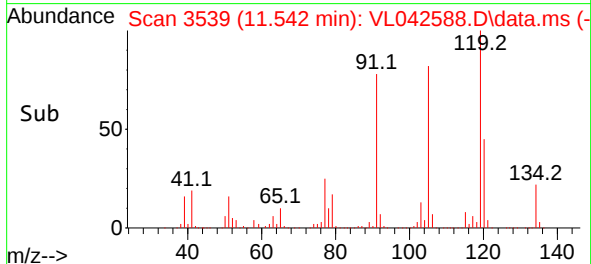
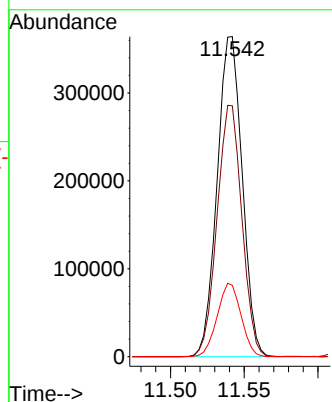
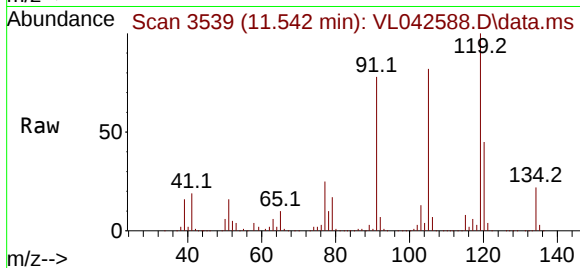




#65
tert-Butylbenzene
Concen: 8.862 ppbv
RT: 11.542 min Scan# 3539
Delta R.T. 0.006 min
Lab File: VL042588.D
Acq: 29 May 2025 16:16

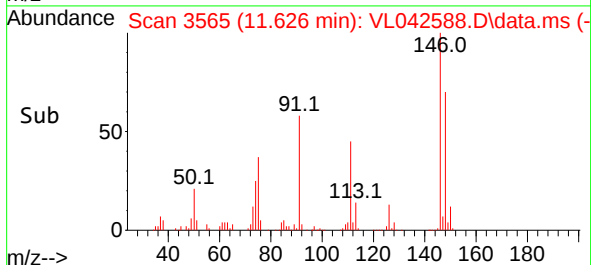
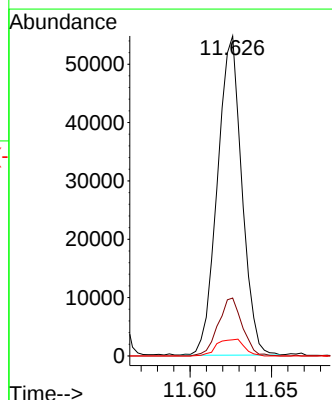
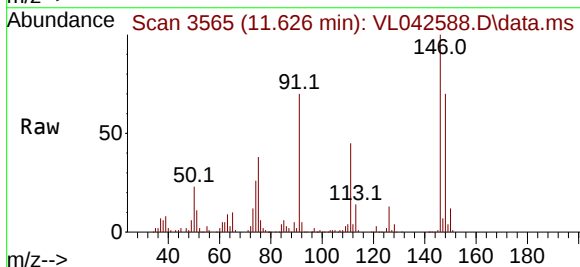
Instrument :
MSVOA_1
ClientSampleId :
VL0529ABL02

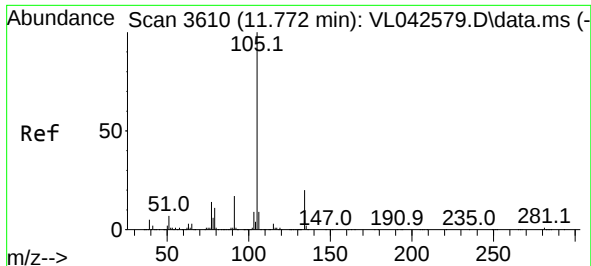
Tgt Ion:119 Resp: 430820
Ion Ratio Lower Upper
119 100
91 77.6 61.1 91.7
134 21.8 17.4 26.2



#66
Benzyl Chloride
Concen: 9.101 ppbv
RT: 11.626 min Scan# 3565
Delta R.T. 0.006 min
Lab File: VL042588.D
Acq: 29 May 2025 16:16

Tgt Ion: 91 Resp: 56952
Ion Ratio Lower Upper
91 100
126 17.9 15.1 22.7
128 5.9 5.0 7.6

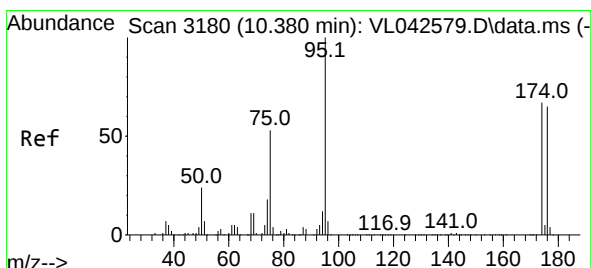
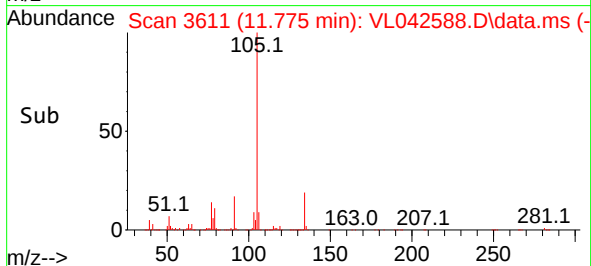
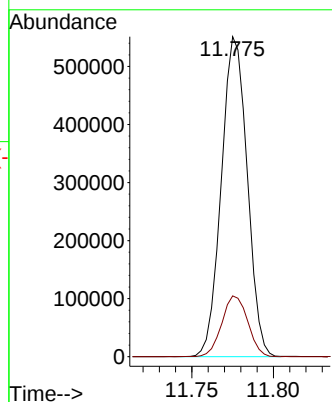
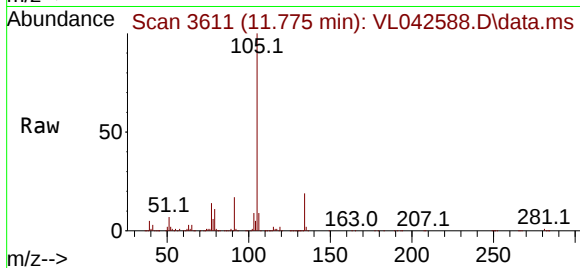




#67
 sec-Butylbenzene
 Concen: 8.902 ppbv
 RT: 11.775 min Scan# 3611
 Delta R.T. 0.003 min
 Lab File: VL042588.D
 Acq: 29 May 2025 16:16

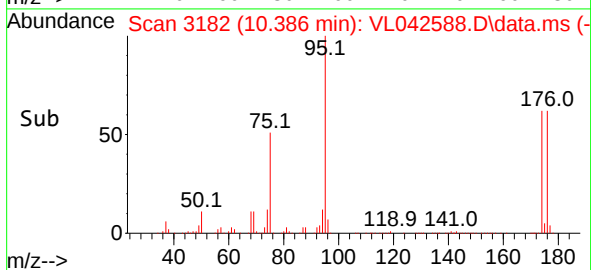
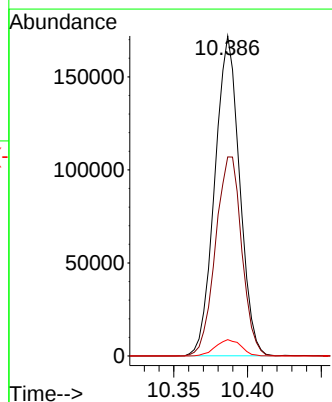
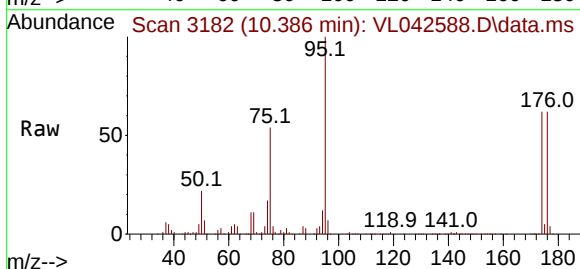
Instrument :
 MSVOA_1
 ClientSampleId :
 VL0529ABL02

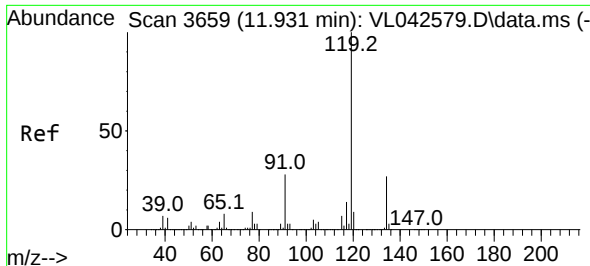
Tgt Ion:105 Resp: 608460
 Ion Ratio Lower Upper
 105 100
 134 19.1 15.8 23.6



#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.842 ppbv
 RT: 10.386 min Scan# 3182
 Delta R.T. 0.006 min
 Lab File: VL042588.D
 Acq: 29 May 2025 16:16

Tgt Ion: 95 Resp: 200955
 Ion Ratio Lower Upper
 95 100
 174 65.9 53.1 79.7
 175 5.3 4.2 6.2

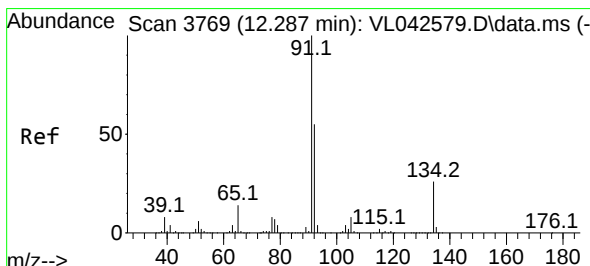
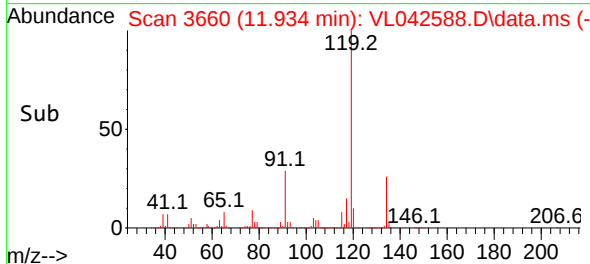
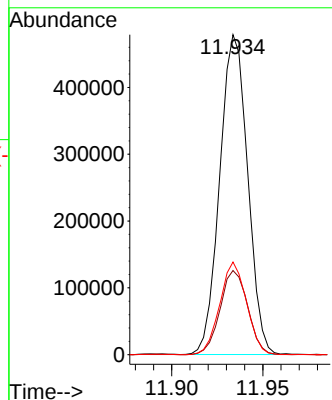
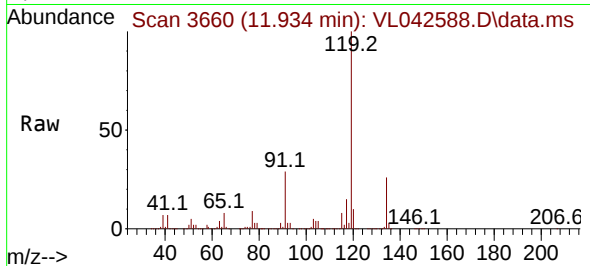




#69
p-Isopropyltoluene
Concen: 8.911 ppbv
RT: 11.934 min Scan# 3660
Delta R.T. 0.003 min
Lab File: VL042588.D
Acq: 29 May 2025 16:16

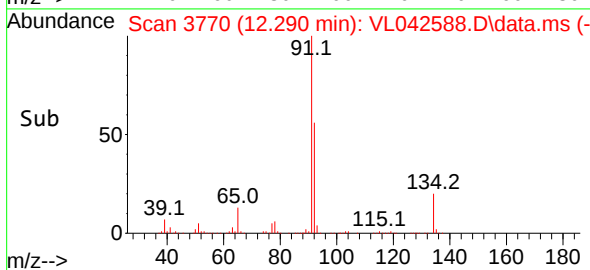
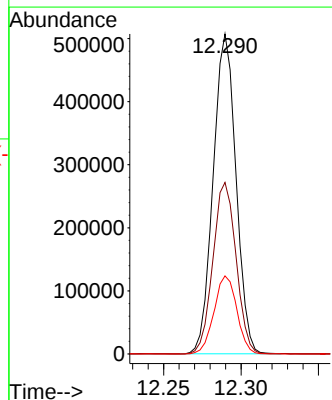
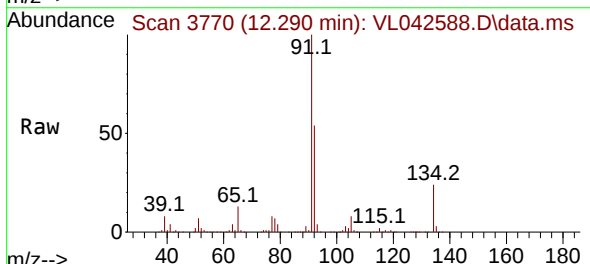
Instrument :
MSVOA_1
ClientSampleId :
VL0529ABL02

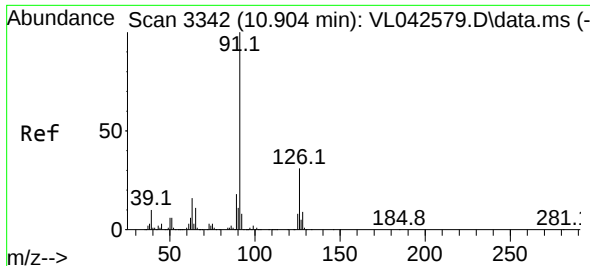
Tgt Ion:119 Resp: 510047
Ion Ratio Lower Upper
119 100
134 26.1 21.1 31.7
91 27.9 21.9 32.9



#70
n-Butylbenzene
Concen: 9.185 ppbv
RT: 12.290 min Scan# 3770
Delta R.T. 0.003 min
Lab File: VL042588.D
Acq: 29 May 2025 16:16

Tgt Ion: 91 Resp: 518934
Ion Ratio Lower Upper
91 100
92 54.6 44.4 66.6
134 24.4 20.1 30.1

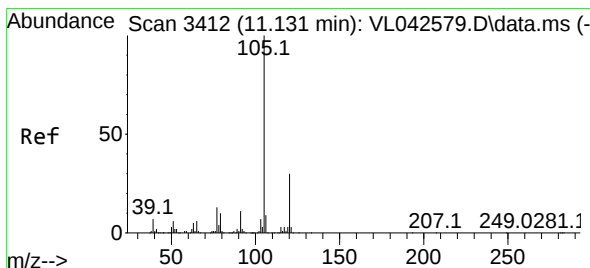
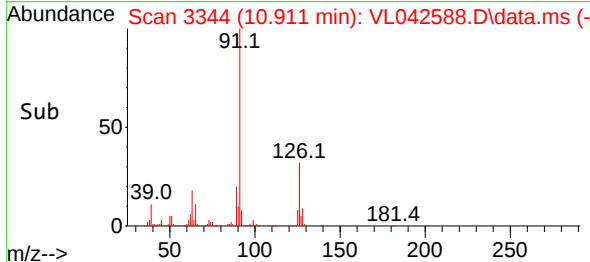
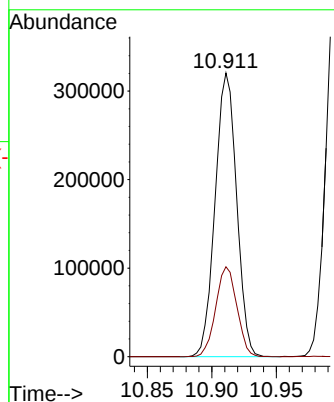
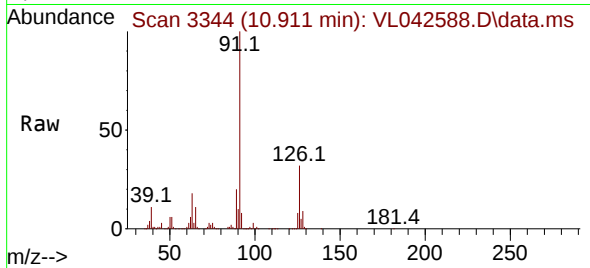




#71
2-Chlorotoluene
Concen: 9.064 ppbv
RT: 10.911 min Scan# 31
Delta R.T. 0.006 min
Lab File: VL042588.D
Acq: 29 May 2025 16:16

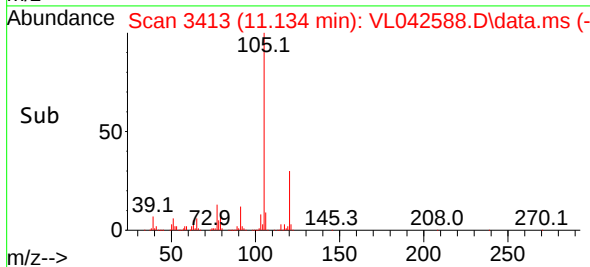
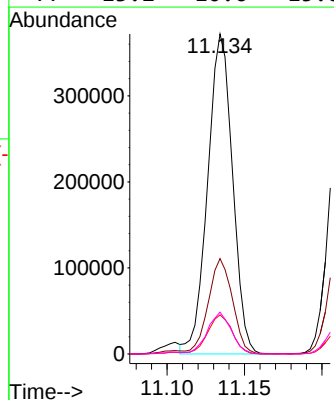
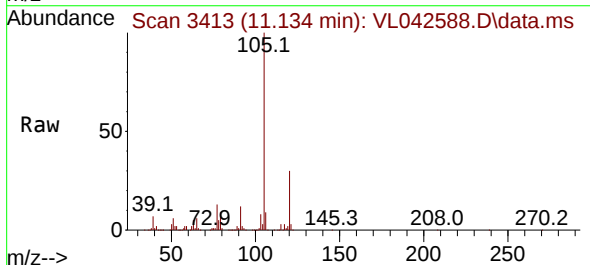
Instrument :
MSVOA_L
ClientSampleId :
VL0529ABL02

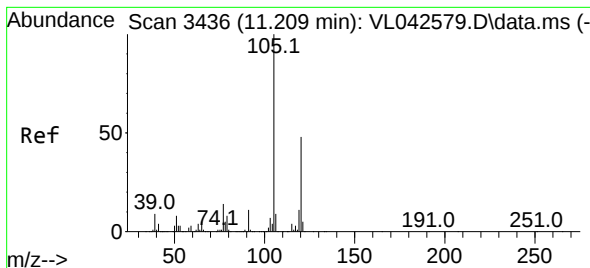
Tgt Ion: 91 Resp: 370401
Ion Ratio Lower Upper
91 100
126 31.1 12.6 50.4



#72
4-Ethyltoluene
Concen: 9.176 ppbv
RT: 11.134 min Scan# 3413
Delta R.T. 0.003 min
Lab File: VL042588.D
Acq: 29 May 2025 16:16

Tgt Ion: 105 Resp: 414871
Ion Ratio Lower Upper
105 100
120 30.0 24.6 36.8
91 12.5 9.6 14.4
77 13.2 10.6 15.8





#73

1,3,5-Trimethylbenzene

Concen: 9.118 ppbv

RT: 11.212 min Scan# 34

Delta R.T. 0.003 min

Lab File: VL042588.D

Acq: 29 May 2025 16:16

Instrument :

MSVOA_L

ClientSampleId :

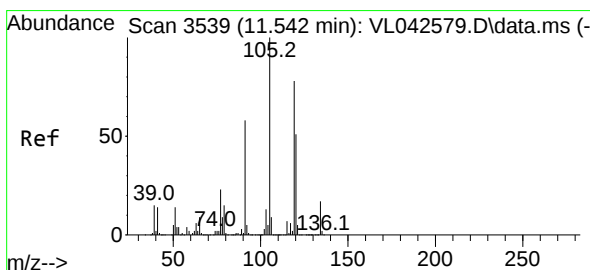
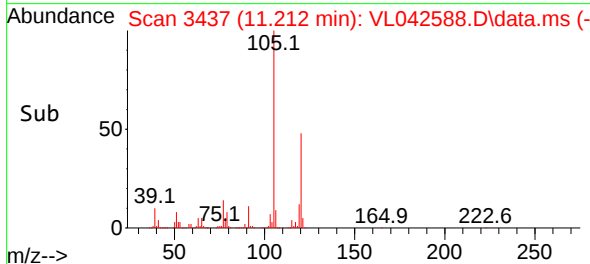
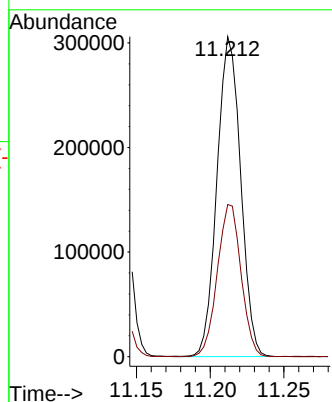
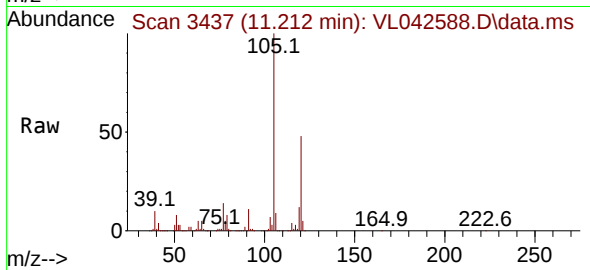
VL0529ABL02

Tgt Ion:105 Resp: 341208

Ion Ratio Lower Upper

105 100

120 47.5 38.8 58.2



#74

1,2,4-Trimethylbenzene

Concen: 8.894 ppbv

RT: 11.545 min Scan# 3540

Delta R.T. 0.003 min

Lab File: VL042588.D

Acq: 29 May 2025 16:16

Tgt Ion:105 Resp: 369325

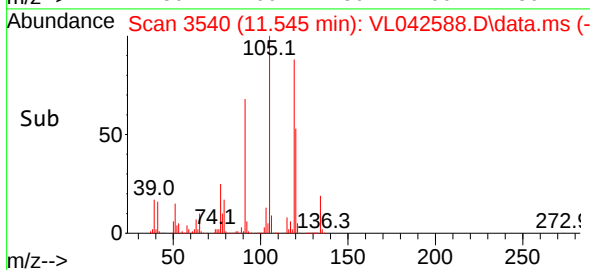
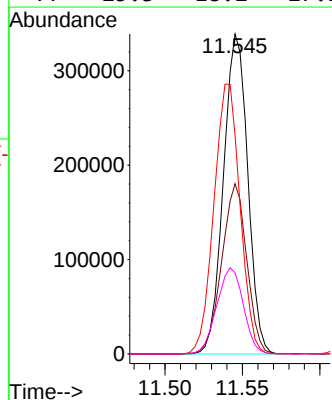
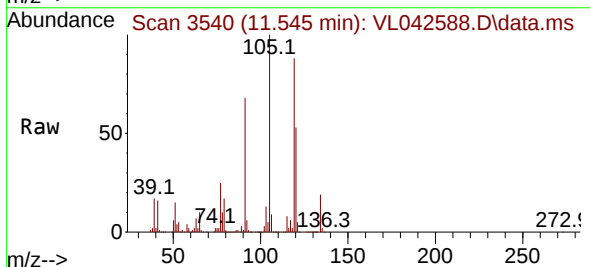
Ion Ratio Lower Upper

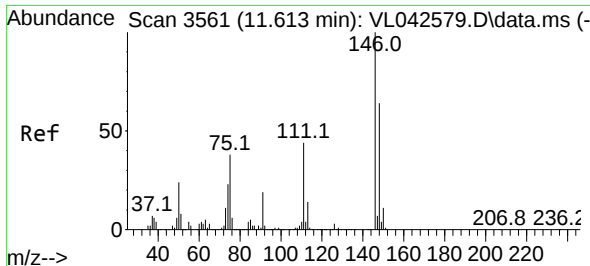
105 100

120 53.2 40.8 61.2

91 68.2 46.8 70.2

77 25.3 18.2 27.2

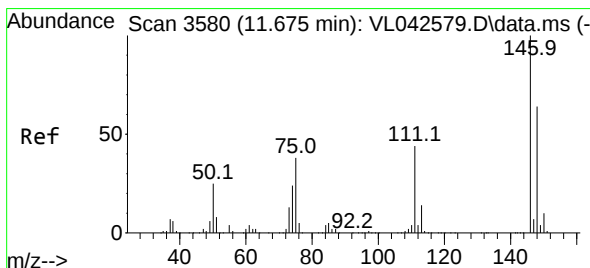
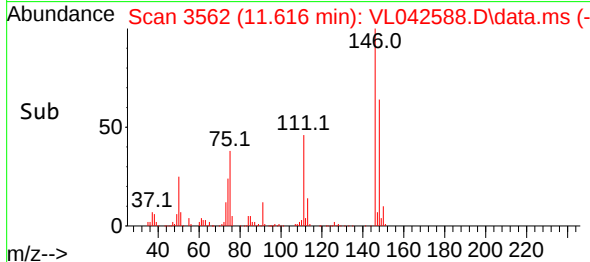
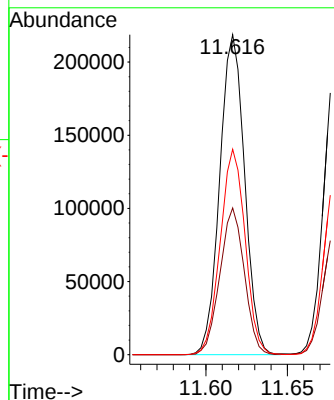
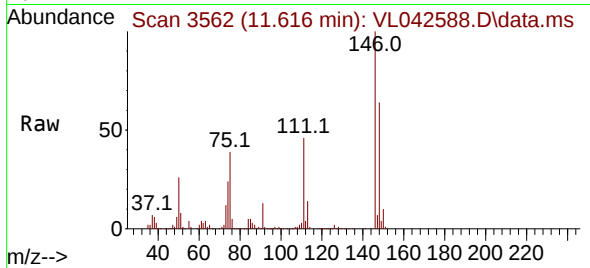




#75
1,3-Dichlorobenzene
Concen: 8.896 ppbv
RT: 11.616 min Scan# 3562
Delta R.T. 0.003 min
Lab File: VL042588.D
Acq: 29 May 2025 16:16

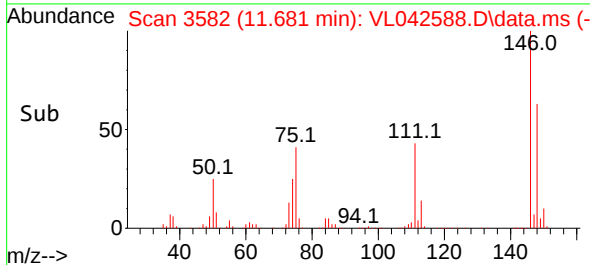
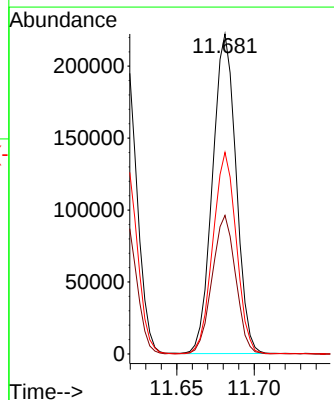
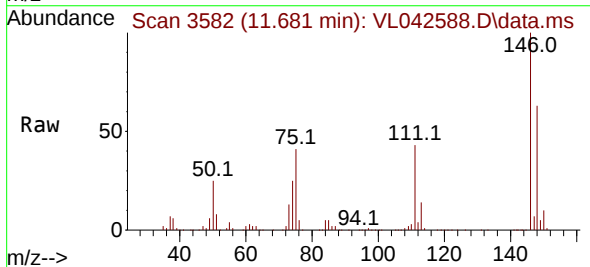
Instrument :
MSVOA_1
ClientSampleId :
VL0529ABL02

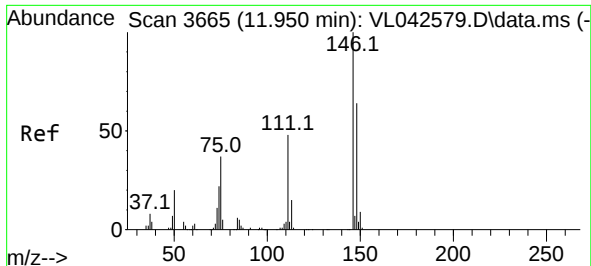
Tgt Ion:146 Resp: 231976
Ion Ratio Lower Upper
146 100
111 45.1 22.4 67.3
148 64.3 32.0 96.2



#76
1,4-Dichlorobenzene
Concen: 9.028 ppbv
RT: 11.681 min Scan# 3582
Delta R.T. 0.006 min
Lab File: VL042588.D
Acq: 29 May 2025 16:16

Tgt Ion:146 Resp: 234806
Ion Ratio Lower Upper
146 100
111 43.5 21.6 64.8
148 62.8 32.1 96.5

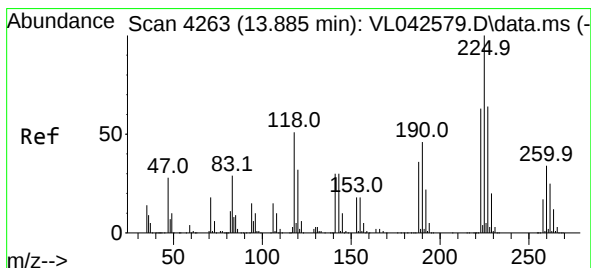
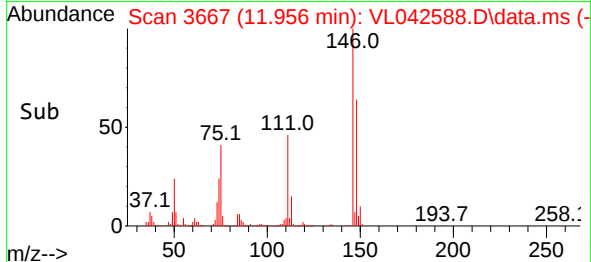
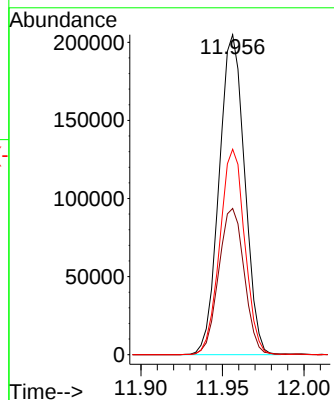
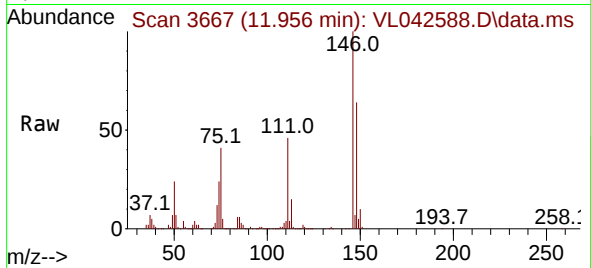




#77
1,2-Dichlorobenzene
Concen: 8.798 ppbv
RT: 11.956 min Scan# 3667
Delta R.T. 0.006 min
Lab File: VL042588.D
Acq: 29 May 2025 16:16

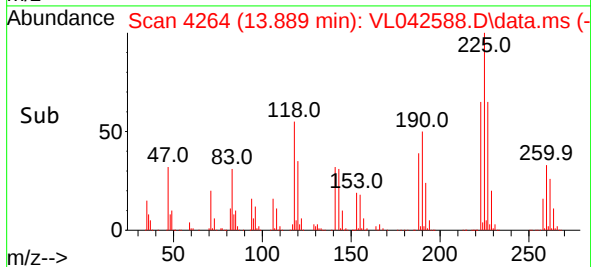
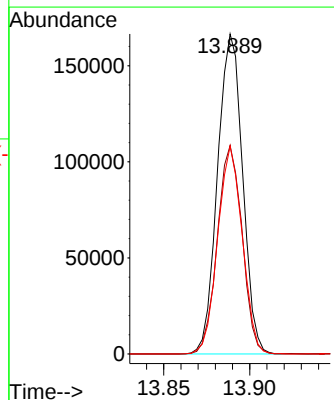
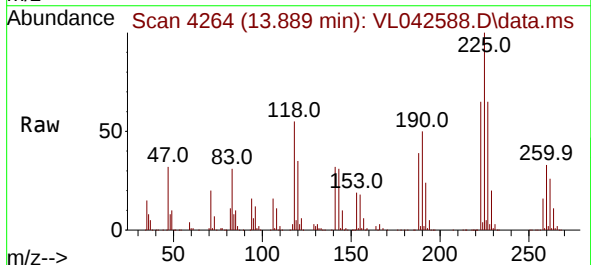
Instrument :
MSVOA_1
ClientSampleId :
VL0529ABL02

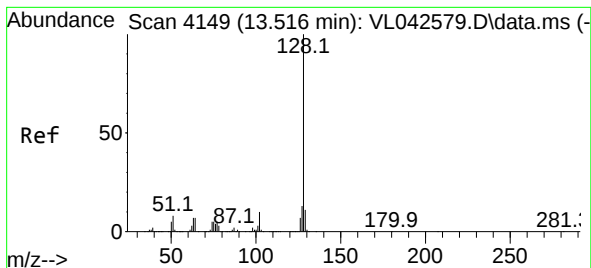
Tgt Ion:146 Resp: 222659
Ion Ratio Lower Upper
146 100
111 46.1 23.1 69.3
148 63.0 32.1 96.3



#78
Hexachloro-1,3-Butadiene
Concen: 8.067 ppbv
RT: 13.889 min Scan# 4264
Delta R.T. 0.003 min
Lab File: VL042588.D
Acq: 29 May 2025 16:16

Tgt Ion:225 Resp: 168921
Ion Ratio Lower Upper
225 100
223 64.3 50.2 75.4
227 63.5 51.1 76.7





#79

Naphthalene

Concen: 9.662 ppbv

RT: 13.520 min Scan# 41

Delta R.T. 0.003 min

Lab File: VL042588.D

Acq: 29 May 2025 16:16

Instrument :

MSVOA_L

ClientSampleId :

VL0529ABL02

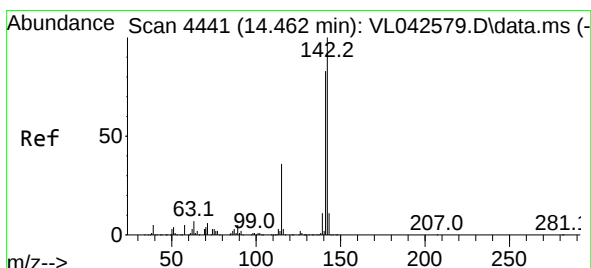
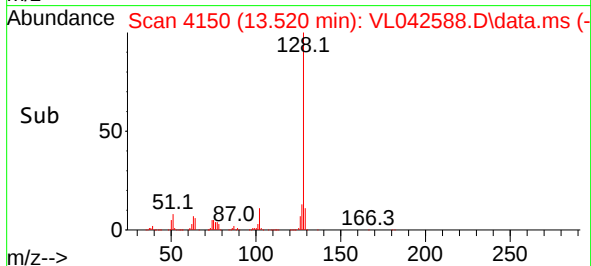
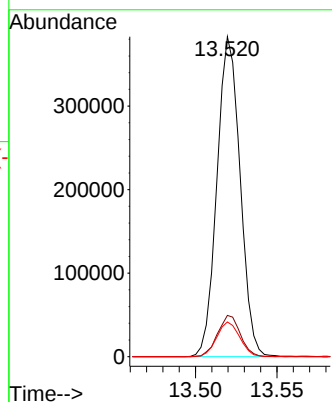
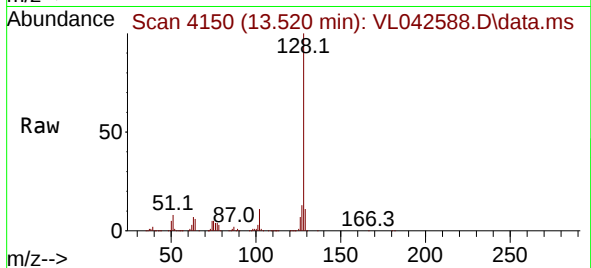
Tgt Ion:128 Resp: 378192

Ion Ratio Lower Upper

128 100

127 12.9 10.2 15.4

129 10.9 8.8 13.2



#80

Naphthalene,2-methyl-

Concen: 10.718 ppbv

RT: 14.465 min Scan# 4442

Delta R.T. 0.003 min

Lab File: VL042588.D

Acq: 29 May 2025 16:16

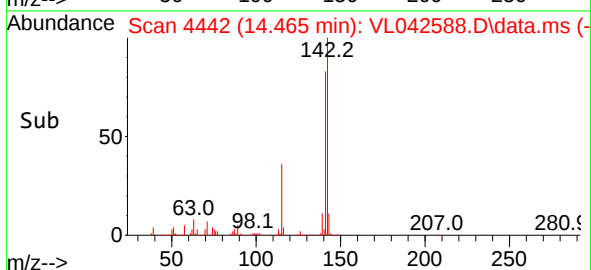
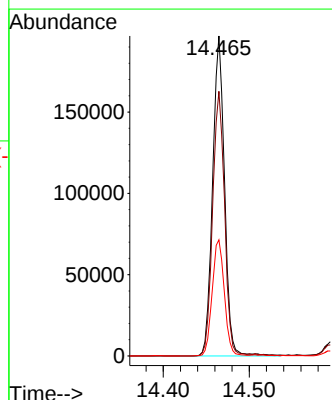
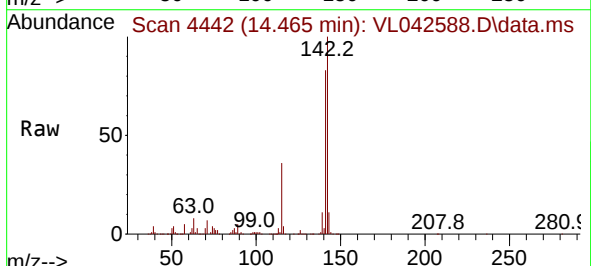
Tgt Ion:142 Resp: 189535

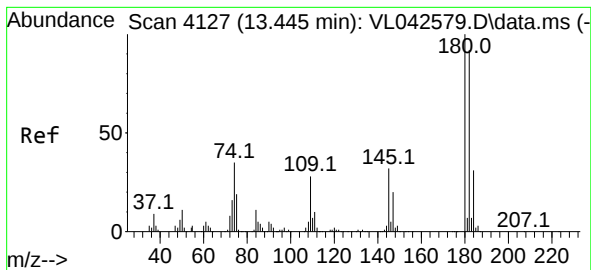
Ion Ratio Lower Upper

142 100

141 83.7 66.2 99.4

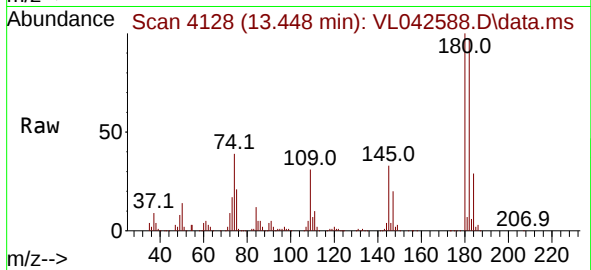
115 37.6 28.3 42.5





#81
 1,2,4-Trichlorobenzene
 Concen: 9.024 ppbv
 RT: 13.448 min Scan# 41
 Delta R.T. 0.003 min
 Lab File: VL042588.D
 Acq: 29 May 2025 16:16

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0529ABL02



Tgt Ion:180 Resp: 197165
 Ion Ratio Lower Upper
 180 100
 182 96.7 75.0 112.4
 184 30.8 24.6 36.8

