

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL052925\
 Data File : VL042579.D
 Acq On : 29 May 2025 11:09
 Operator : SY/MD
 Sample : VSTDICCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010

Quant Time: May 30 01:16:30 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 01:15:52 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.790	49	102792	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.962	114	307854	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.888	117	285844	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.380	95	212758	9.929	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.300%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.499	85	116625	9.232	ppbv	100
3) Chlorodifluoromethane	1.476	51	151637	8.715	ppbv	100
4) Chloromethane	1.534	50	47416	9.478	ppbv	100
5) Vinyl Chloride	1.580	62	44895	8.809	ppbv	100
6) Bromomethane	1.667	94	22207	8.953	ppbv	100
7) Chloroethane	1.706	64	17953	9.066	ppbv	100
8) Dichlorotetrafluoroethane	1.554	85	97419	9.255	ppbv	100
9) Propene	1.483	41	66767	9.529	ppbv	100
10) Heptane	4.981	43	182619	9.236	ppbv	100
11) Trichlorofluoromethane	1.877	101	110055	9.363	ppbv	100
12) 1,1,2-Trichlorotrifluo...	2.140	101	86117	9.330	ppbv	100
13) Ethanol	1.722	45	5404	6.909	ppbv	95
14) Bromoethene	1.784	108	32588	9.386	ppbv	100
15) Acetone	1.835	43	95441	7.708	ppbv	100
16) 1,3-Butadiene	1.609	39	50485	8.607	ppbv	100
17) tert-Butyl alcohol	2.043	59	127162	9.858	ppbv	100
18) 1,1-Dichloroethene	2.036	96	38765	9.026	ppbv	100
19) Isopropyl Alcohol	1.887	45	67731	9.151	ppbv	100
20) Methylene Chloride	2.062	84	33544	8.209	ppbv	100
21) Allyl Chloride	2.098	41	81153	9.289	ppbv	100
22) trans-1,2-Dichloroethene	2.344	96	43936	9.165	ppbv	100
23) Vinyl Acetate	2.467	43	149858	8.954	ppbv	100
24) 1,1-Dichloroethane	2.412	63	92836	9.442	ppbv	100
25) Ethyl Acetate	2.839	43	313915	9.264	ppbv	100
26) Hexane	2.829	57	138771	9.013	ppbv	100
27) Carbon Disulfide	2.153	76	109904	9.298	ppbv	100
28) Methyl tert-Butyl Ether	2.444	73	56510	9.045	ppbv	100
29) Chloroform	2.852	83	180449	9.013	ppbv	100
30) Cyclohexane	3.858	84	117833	9.232	ppbv	100
31) cis-1,2-Dichloroethene	2.722	61	130618	9.274	ppbv	100
32) 1,1,1-Trichloroethane	3.370	97	184372	9.177	ppbv	100
34) 2-Butanone	2.560	43	201796	9.192	ppbv	100
35) Carbon Tetrachloride	3.768	117	185629	9.132	ppbv	100
36) Benzene	3.661	78	277132	9.142	ppbv	100
37) 1,2-Dichloroethane	3.221	62	137914	9.153	ppbv	100
38) Trichloroethene	4.551	130	115772	8.916	ppbv	100
39) 1,2-Dichloropropane	4.318	63	101185	9.029	ppbv	100
40) 1,4-Dioxane	4.590	88	46671	9.797	ppbv #	100
41) Tetrahydrofuran	3.059	42	119530	9.301	ppbv	100
42) Bromodichloromethane	4.496	83	202026	9.441	ppbv	100
43) Methyl Methacrylate	4.884	69	112746	9.595	ppbv	100
44) 2,2,4-Trimethylpentane	4.648	57	468572	9.043	ppbv	100
45) t-1,3-Dichloropropene	6.422	75	130611	9.700	ppbv	100

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 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

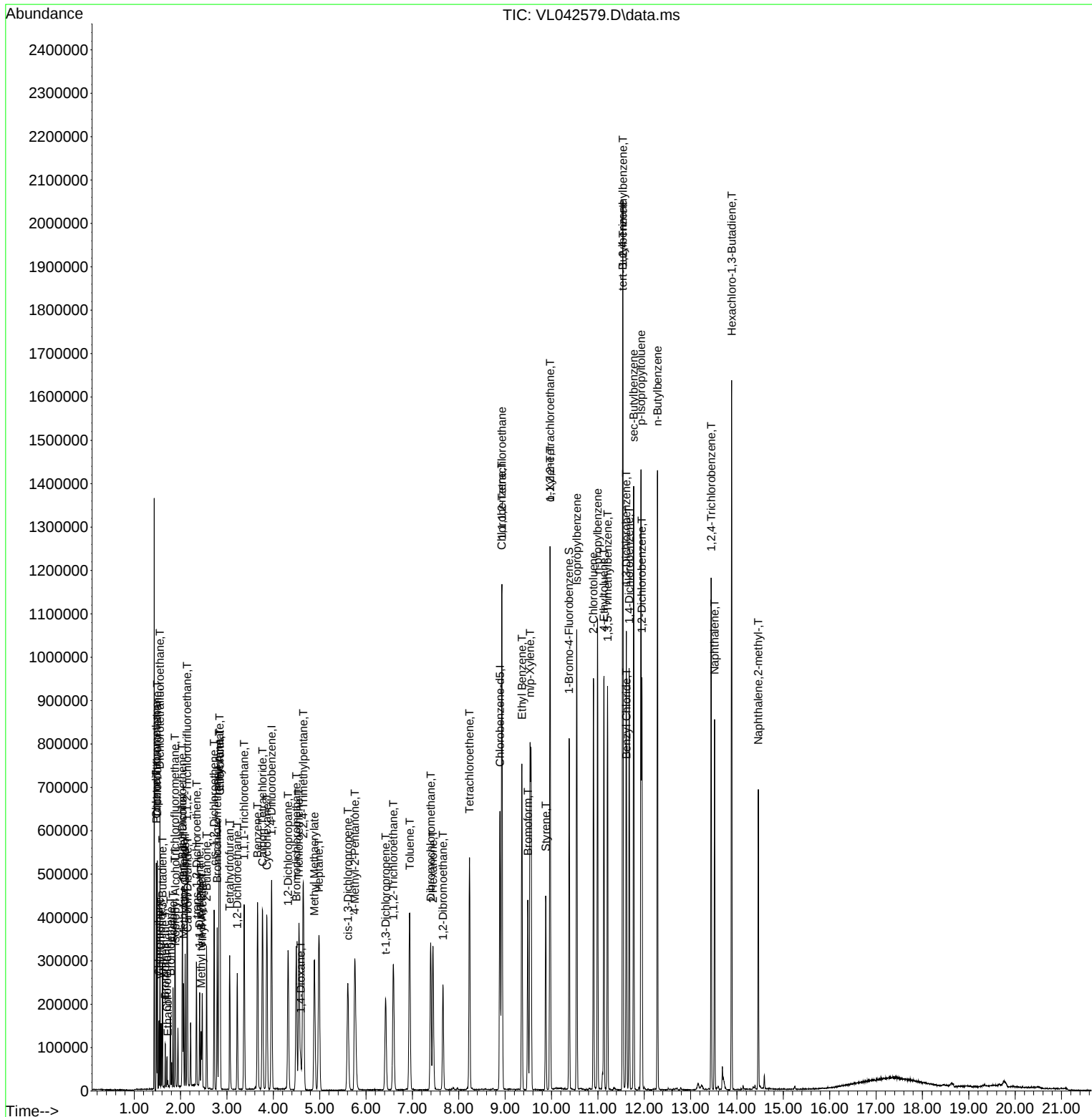
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 MSVOA_L
 ClientSampleId :
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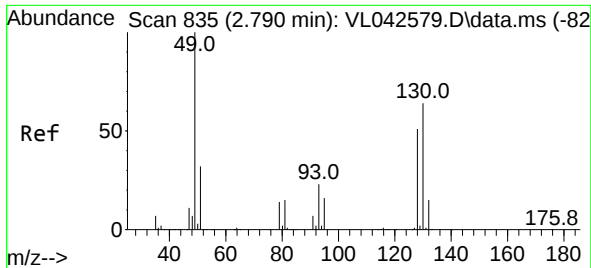
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL052925AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri May 30 01:15:52 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	5.609	75	162155	9.614	ppbv	100
47) 1,1,2-Trichloroethane	6.587	97	105576	9.097	ppbv	100
48) Dibromochloromethane	7.396	129	175572	9.450	ppbv	100
49) Bromoform	9.490	173	156317	9.751	ppbv	100
50) 4-Methyl-2-Pentanone	5.758	43	294836	9.643	ppbv	100
51) 2-Hexanone	7.445	43	239826	9.930	ppbv	100
52) Tetrachloroethene	8.231	164	102403	9.038	ppbv	100
53) Toluene	6.943	91	324605	9.264	ppbv	100
54) 1,2-Dibromoethane	7.658	107	158813	9.231	ppbv	100
56) 1,1,1,2-Tetrachloroethane	8.930	131	133368	9.279	ppbv	100
57) Chlorobenzene	8.927	112	248085	8.938	ppbv	100
58) Ethyl Benzene	9.361	91	442268	9.121	ppbv	100
59) m/p-Xylene	9.539	91	335232	8.784	ppbv #	29
60) o-Xylene	9.969	91	339403	8.919	ppbv	100
61) Styrene	9.875	104	168674	9.374	ppbv	100
62) Isopropylbenzene	10.545	105	506586	9.010	ppbv	100
63) 1,1,2,2-Tetrachloroethane	9.969	83	206564	8.536	ppbv	100
64) n-propylbenzene	10.992	120	134675	8.936	ppbv	99
65) tert-Butylbenzene	11.536	119	450639	8.833	ppbv	100
66) Benzyl Chloride	11.620	91	68801	10.457	ppbv	100
67) sec-Butylbenzene	11.772	105	627565	8.749	ppbv	100
69) p-Isopropyltoluene	11.931	119	533961	8.889	ppbv	100
70) n-Butylbenzene	12.287	91	526566	8.881	ppbv	100
71) 2-Chlorotoluene	10.904	91	383881	8.952	ppbv	100
72) 4-Ethyltoluene	11.131	105	423227	8.920	ppbv	100
73) 1,3,5-Trimethylbenzene	11.209	105	352978	8.989	ppbv	100
74) 1,2,4-Trimethylbenzene	11.542	105	381512	8.755	ppbv	100
75) 1,3-Dichlorobenzene	11.613	146	239782	8.762	ppbv	100
76) 1,4-Dichlorobenzene	11.675	146	242731	8.894	ppbv	100
77) 1,2-Dichlorobenzene	11.950	146	228222	8.593	ppbv	100
78) Hexachloro-1,3-Butadiene	13.885	225	173447	7.893	ppbv	100
79) Naphthalene	13.516	128	395465	9.666	ppbv	100
80) Naphthalene,2-methyl-	14.462	142	204746	11.045	ppbv	100
81) 1,2,4-Trichlorobenzene	13.445	180	210120	9.163	ppbv	100

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

Quant Time: May 30 01:16:30 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL052925AIR.M
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QLast Update : Fri May 30 01:15:52 2025
Response via : Initial Calibration

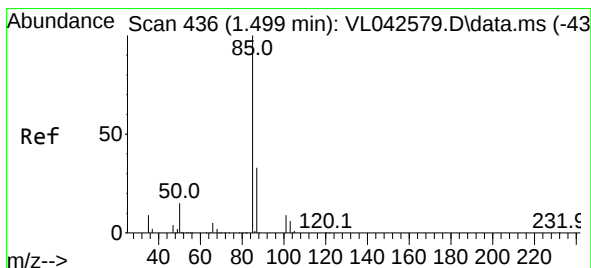
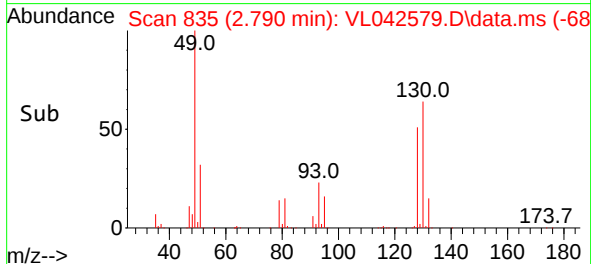
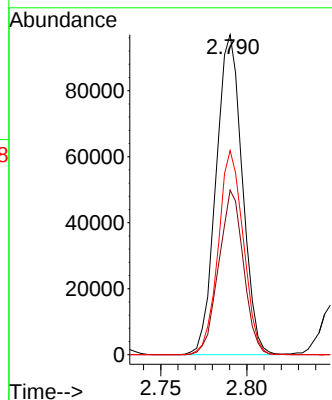
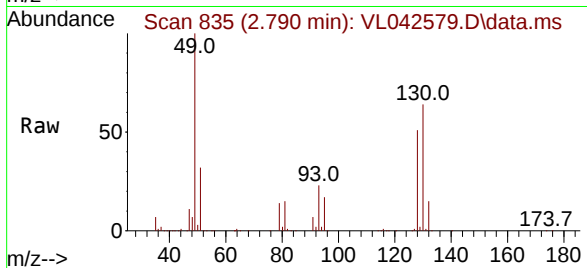




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.790 min Scan# 835
Delta R.T. 0.000 min
Lab File: VL042579.D
Acq: 29 May 2025 11:09

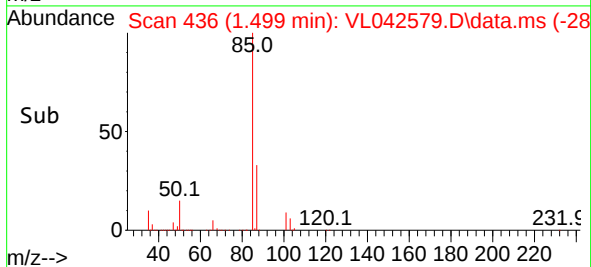
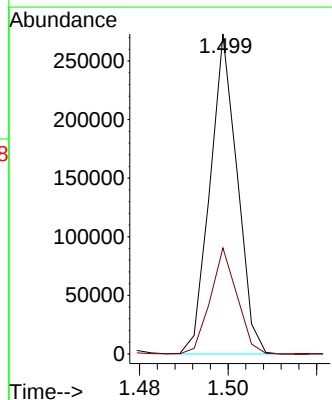
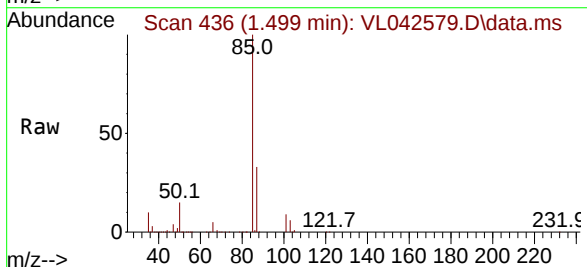
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

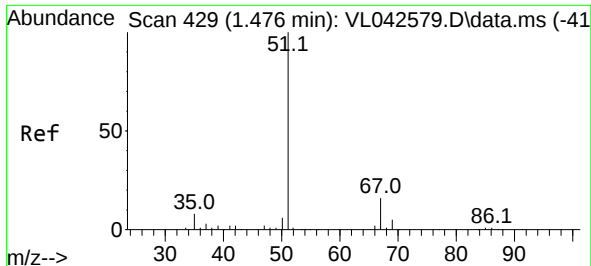
Tgt Ion: 49 Resp: 102792
Ion Ratio Lower Upper
49 100
128 48.4 24.2 72.6
130 60.8 30.4 91.2



#2
Dichlorodifluoromethane
Concen: 9.232 ppbv
RT: 1.499 min Scan# 436
Delta R.T. 0.000 min
Lab File: VL042579.D
Acq: 29 May 2025 11:09

Tgt Ion: 85 Resp: 116625
Ion Ratio Lower Upper
85 100
87 33.2 26.6 39.8

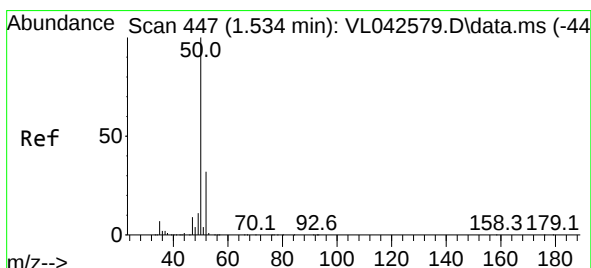
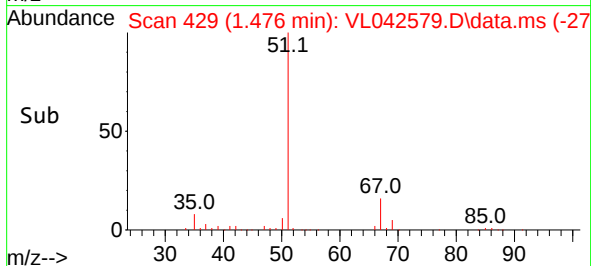
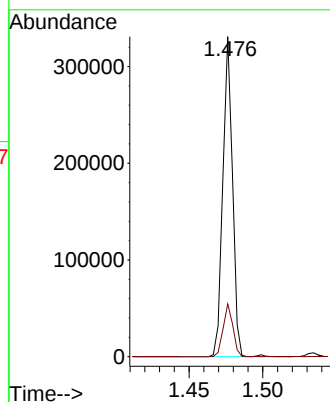
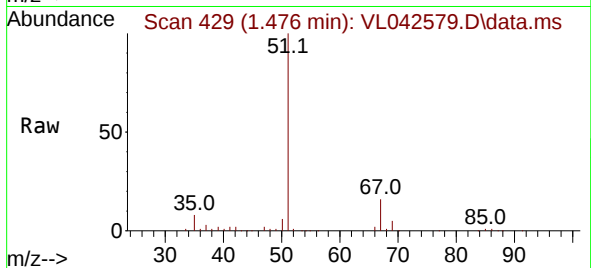




#3
Chlorodifluoromethane
Concen: 8.715 ppbv
RT: 1.476 min Scan# 429
Delta R.T. 0.000 min
Lab File: VL042579.D
Acq: 29 May 2025 11:09

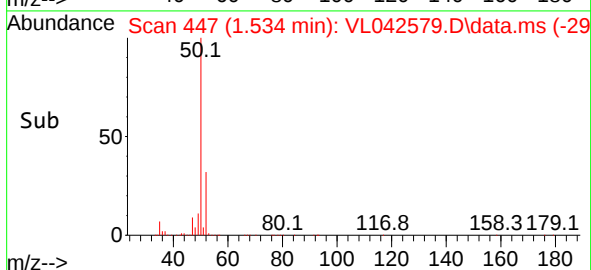
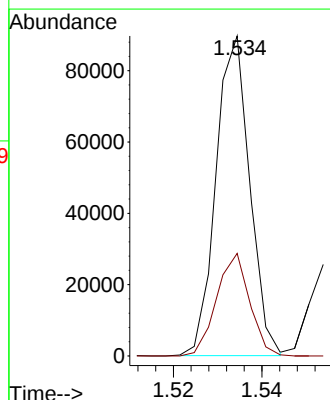
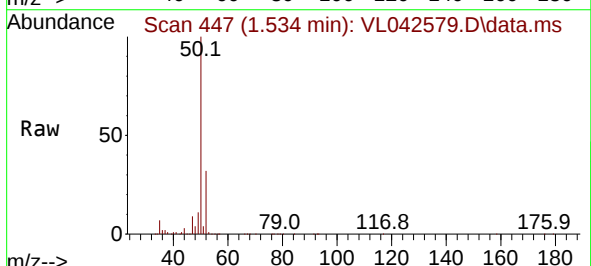
Instrument :
MSVOA_1
ClientSampleId :
VSTDICCC010

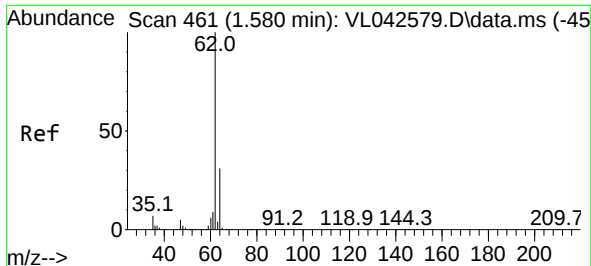
Tgt Ion: 51 Resp: 151637
Ion Ratio Lower Upper
51 100
67 16.8 13.4 20.2



#4
Chloromethane
Concen: 9.478 ppbv
RT: 1.534 min Scan# 447
Delta R.T. 0.000 min
Lab File: VL042579.D
Acq: 29 May 2025 11:09

Tgt Ion: 50 Resp: 47416
Ion Ratio Lower Upper
50 100
52 32.2 25.8 38.6

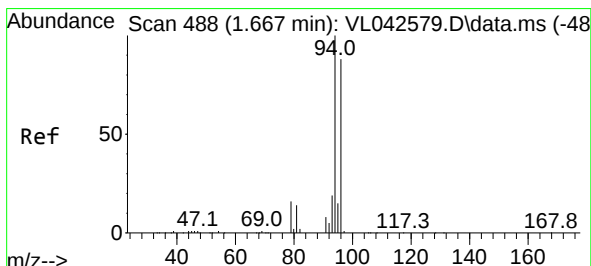
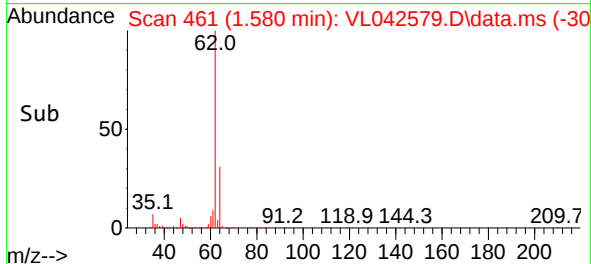
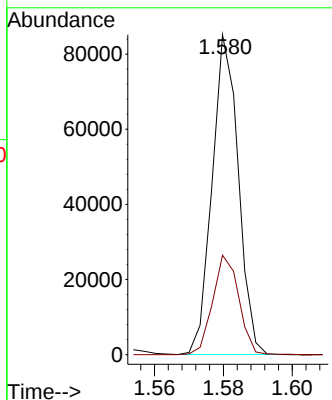
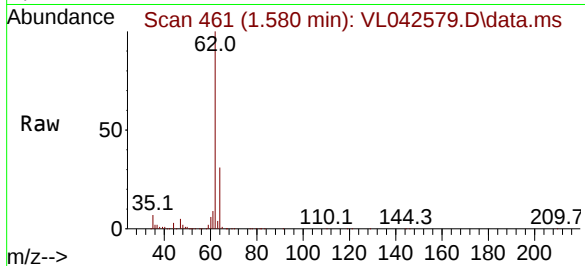




#5
 Vinyl Chloride
 Concen: 8.809 ppbv
 RT: 1.580 min Scan# 461
 Delta R.T. 0.000 min
 Lab File: VL042579.D
 Acq: 29 May 2025 11:09

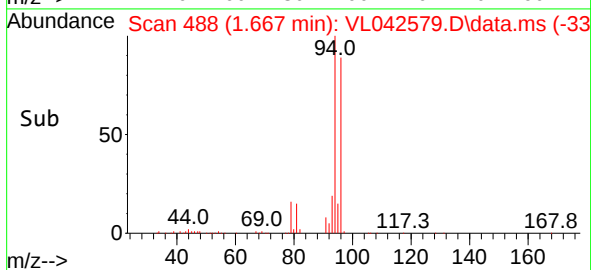
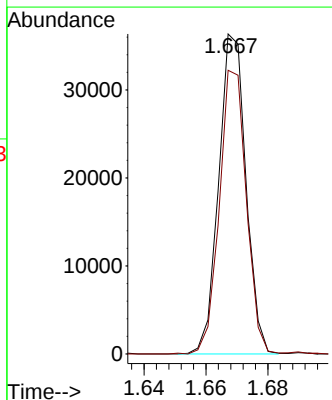
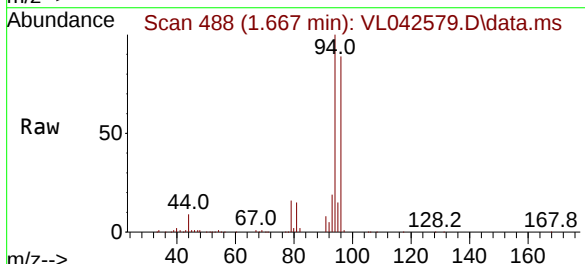
Instrument :
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 ClientSampleId :
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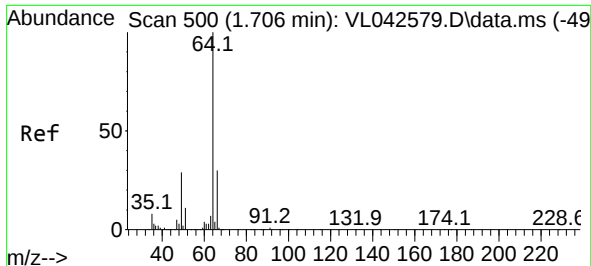
Tgt Ion: 62 Resp: 44895
 Ion Ratio Lower Upper
 62 100
 64 31.1 24.9 37.3



#6
 Bromomethane
 Concen: 8.953 ppbv
 RT: 1.667 min Scan# 488
 Delta R.T. 0.000 min
 Lab File: VL042579.D
 Acq: 29 May 2025 11:09

Tgt Ion: 94 Resp: 22207
 Ion Ratio Lower Upper
 94 100
 96 88.4 70.7 106.1

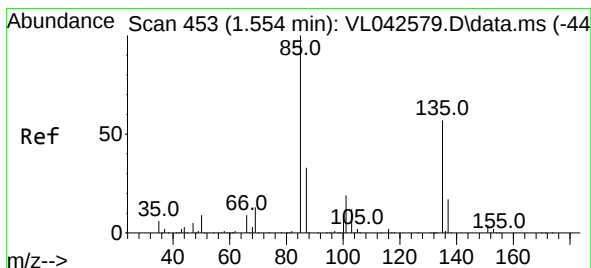
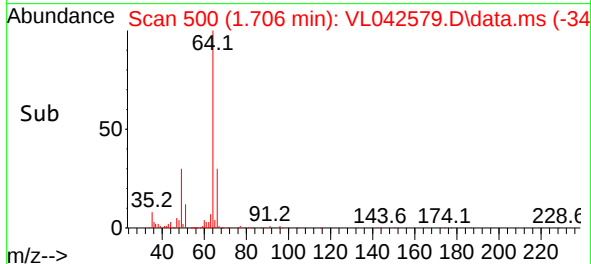
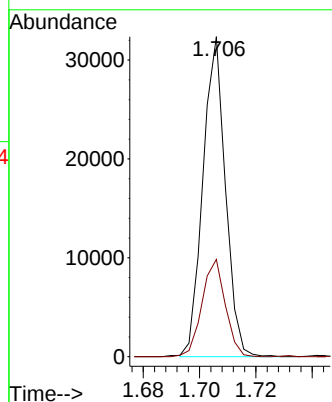
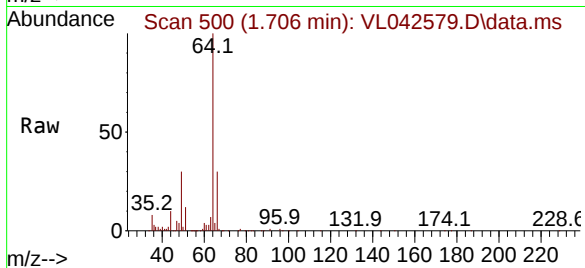




#7
Chloroethane
Concen: 9.066 ppbv
RT: 1.706 min Scan# 500
Delta R.T. 0.000 min
Lab File: VL042579.D
Acq: 29 May 2025 11:09

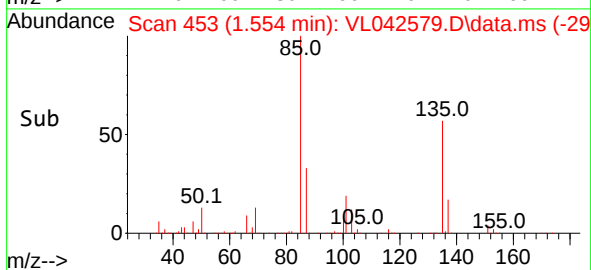
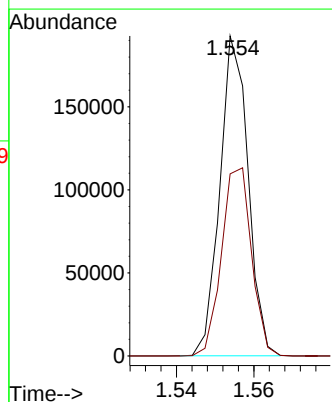
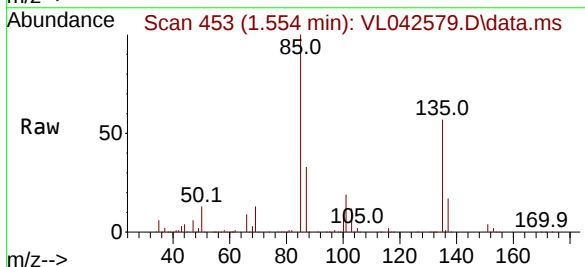
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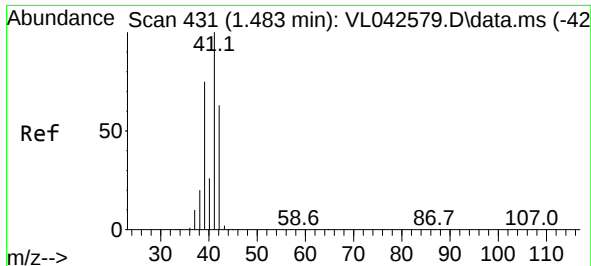
Tgt Ion: 64 Resp: 17953
Ion Ratio Lower Upper
64 100
66 30.4 24.3 36.5



#8
Dichlorotetrafluoroethane
Concen: 9.255 ppbv
RT: 1.554 min Scan# 453
Delta R.T. 0.000 min
Lab File: VL042579.D
Acq: 29 May 2025 11:09

Tgt Ion: 85 Resp: 97419
Ion Ratio Lower Upper
85 100
135 62.8 50.2 75.4





#9

Propene

Concen: 9.529 ppbv

RT: 1.483 min Scan# 41

Delta R.T. 0.000 min

Lab File: VL042579.D

Acq: 29 May 2025 11:09

Instrument :

MSVOA_L

ClientSampleId :

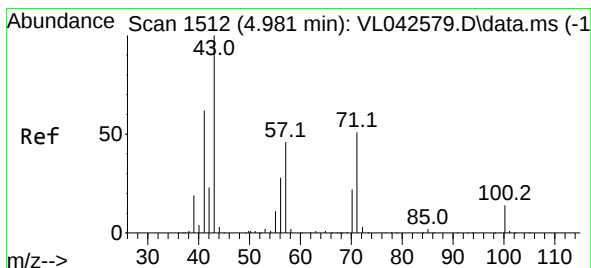
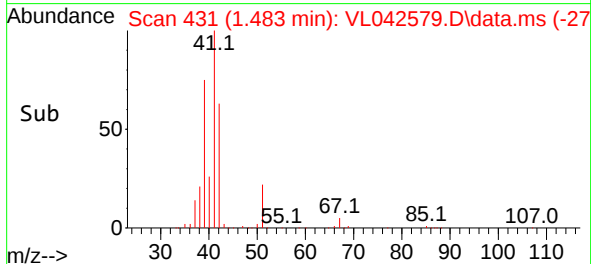
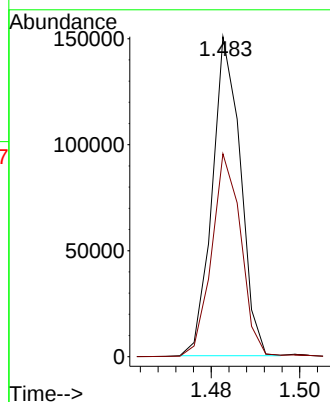
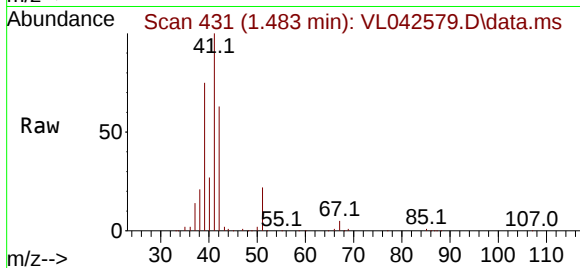
VSTDICCC010

Tgt Ion: 41 Resp: 66767

Ion Ratio Lower Upper

41 100

42 66.9 53.3 79.9



#10

Heptane

Concen: 9.236 ppbv

RT: 4.981 min Scan# 1512

Delta R.T. 0.000 min

Lab File: VL042579.D

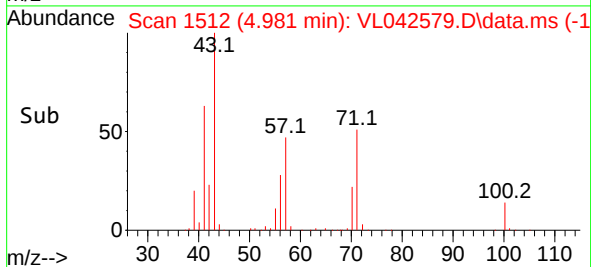
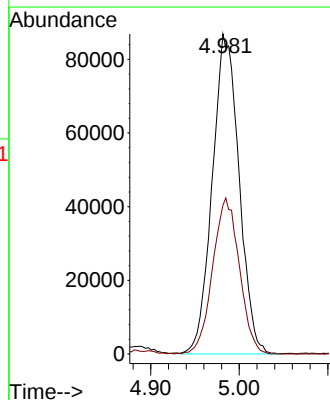
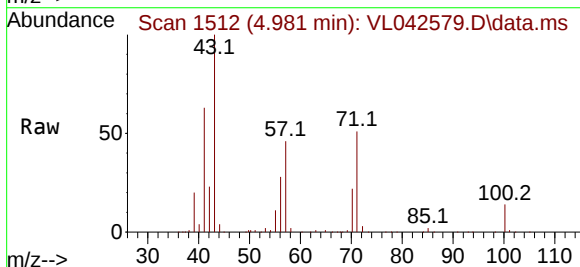
Acq: 29 May 2025 11:09

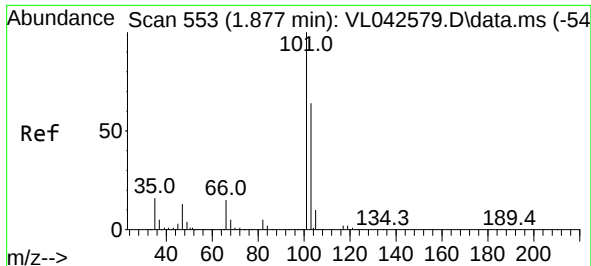
Tgt Ion: 43 Resp: 182619

Ion Ratio Lower Upper

43 100

57 48.6 38.9 58.3

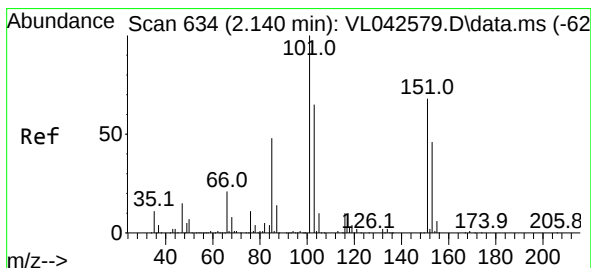
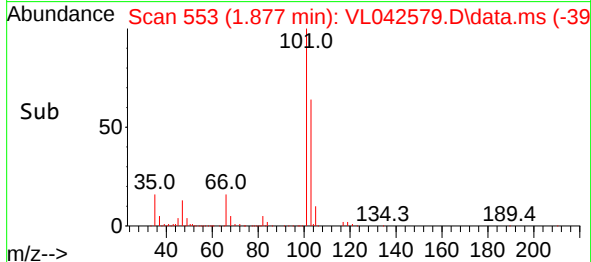
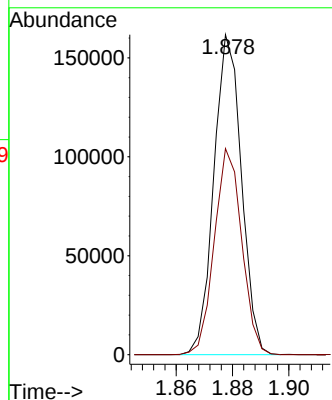
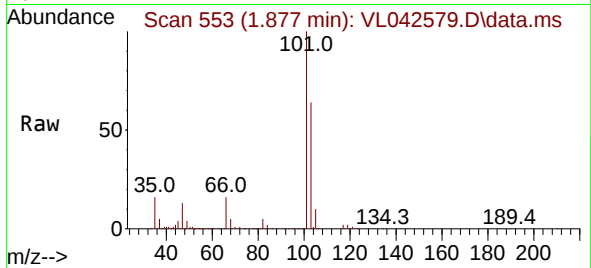




#11
 Trichlorofluoromethane
 Concen: 9.363 ppbv
 RT: 1.877 min Scan# 511
 Delta R.T. 0.000 min
 Lab File: VL042579.D
 Acq: 29 May 2025 11:09

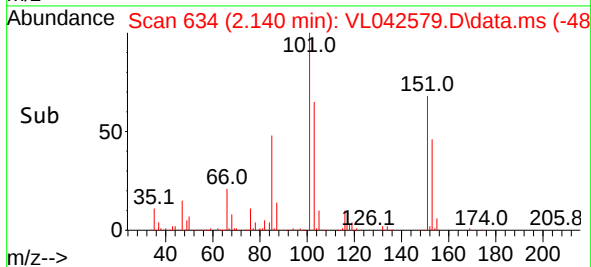
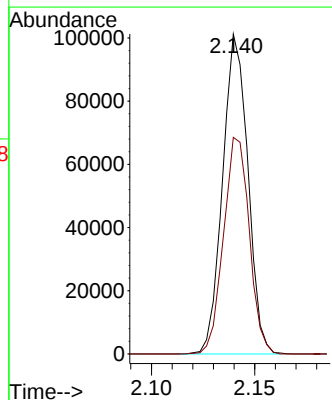
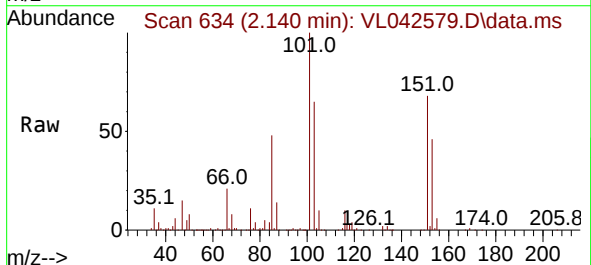
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010

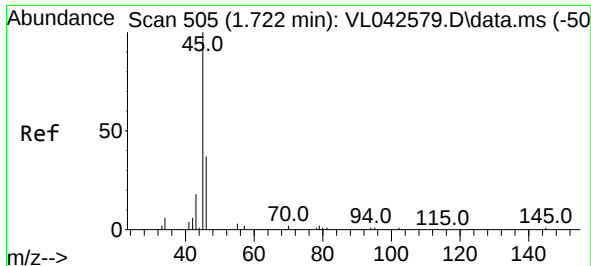
Tgt Ion:101 Resp: 110055
 Ion Ratio Lower Upper
 101 100
 103 64.4 51.5 77.3



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 9.330 ppbv
 RT: 2.140 min Scan# 634
 Delta R.T. 0.000 min
 Lab File: VL042579.D
 Acq: 29 May 2025 11:09

Tgt Ion:101 Resp: 86117
 Ion Ratio Lower Upper
 101 100
 151 69.1 55.3 82.9

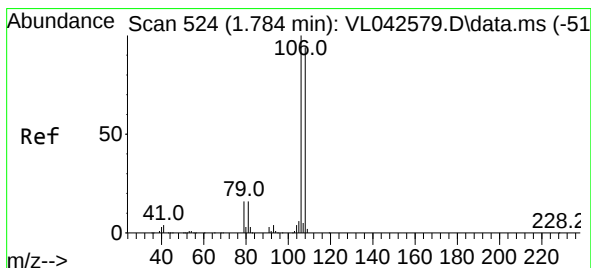
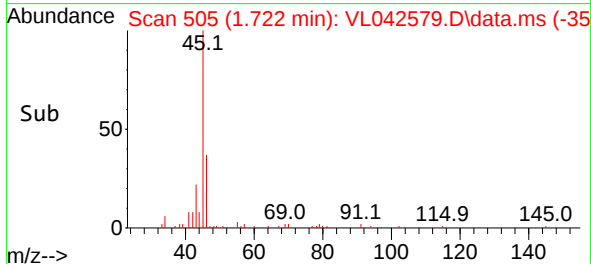
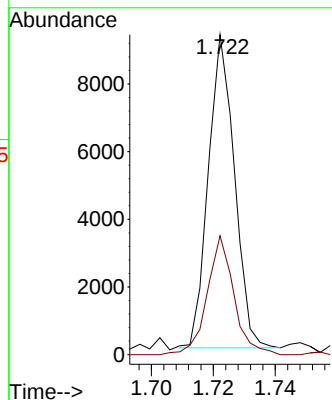
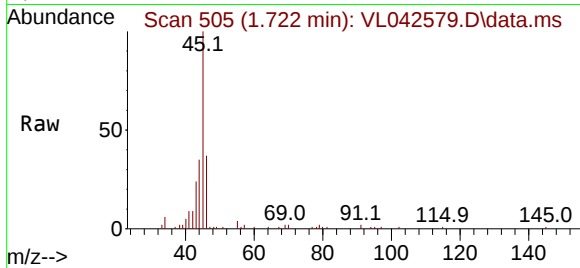




#13
Ethanol
Concen: 6.909 ppbv
RT: 1.722 min Scan# 505
Delta R.T. 0.000 min
Lab File: VL042579.D
Acq: 29 May 2025 11:09

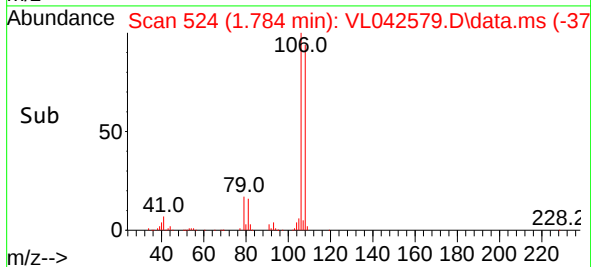
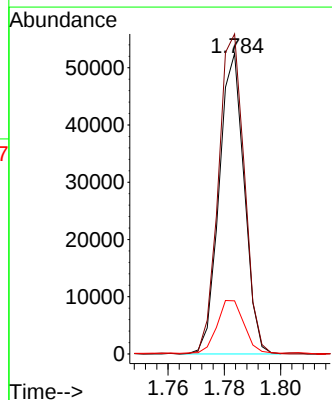
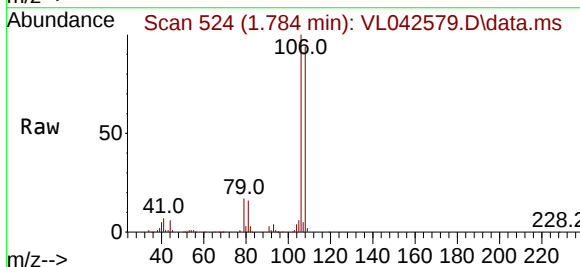
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 45 Resp: 5404
Ion Ratio Lower Upper
45 100
46 39.2 14.5 58.1



#14
Bromoethene
Concen: 9.386 ppbv
RT: 1.784 min Scan# 524
Delta R.T. 0.000 min
Lab File: VL042579.D
Acq: 29 May 2025 11:09

Tgt Ion: 108 Resp: 32588
Ion Ratio Lower Upper
108 100
106 109.9 87.9 131.9
79 19.5 15.6 23.4





#15

Acetone

Concen: 7.708 ppbv

RT: 1.835 min Scan# 54

Delta R.T. 0.000 min

Lab File: VL042579.D

Acq: 29 May 2025 11:09

Instrument :

MSVOA_L

ClientSampleId :

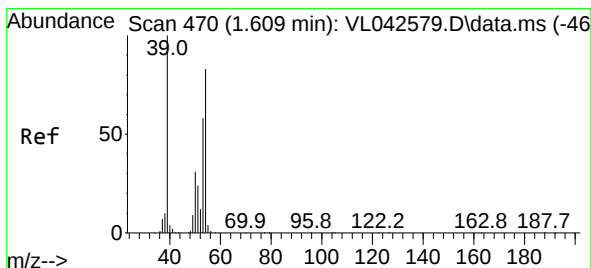
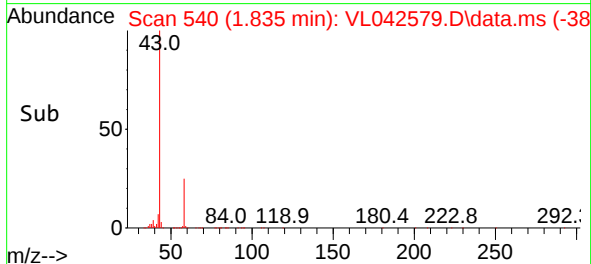
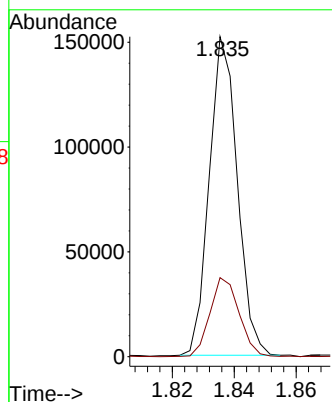
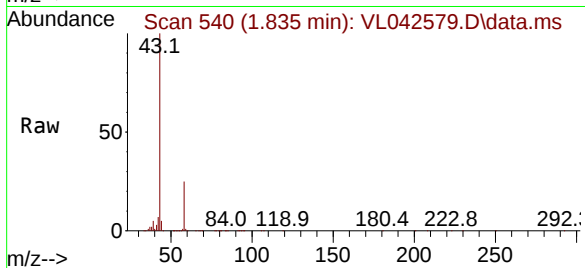
VSTDICCC010

Tgt Ion: 43 Resp: 95441

Ion Ratio Lower Upper

43 100

58 26.2 21.0 31.4



#16

1,3-Butadiene

Concen: 8.607 ppbv

RT: 1.609 min Scan# 470

Delta R.T. 0.000 min

Lab File: VL042579.D

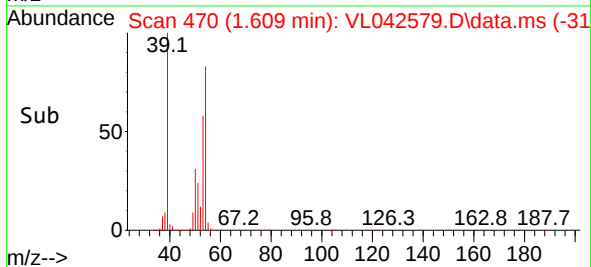
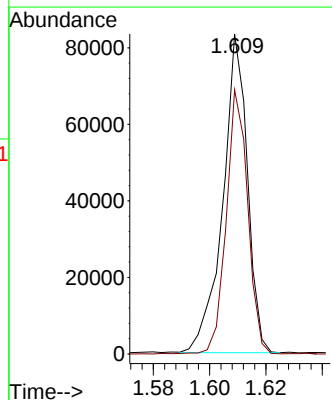
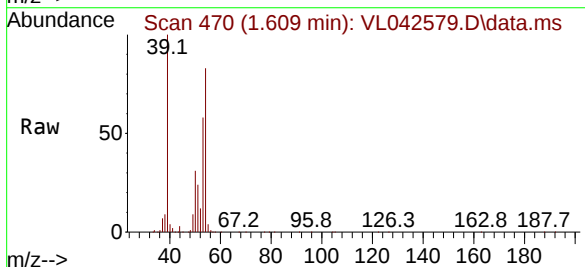
Acq: 29 May 2025 11:09

Tgt Ion: 39 Resp: 50485

Ion Ratio Lower Upper

39 100

54 72.4 57.9 86.9





#17

tert-Butyl alcohol

Concen: 9.858 ppbv

RT: 2.043 min Scan# 604

Delta R.T. 0.000 min

Lab File: VL042579.D

Acq: 29 May 2025 11:09

Instrument :

MSVOA_L

ClientSampleId :

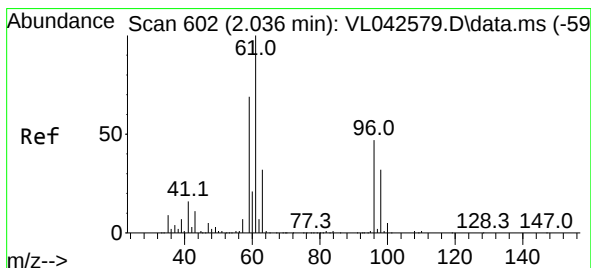
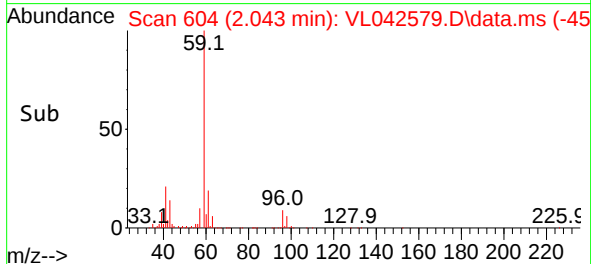
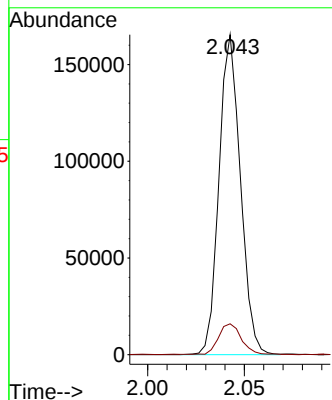
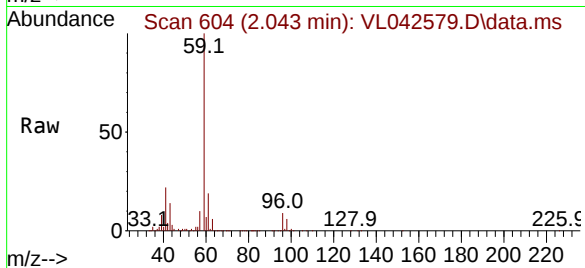
VSTDICCC010

Tgt Ion: 59 Resp: 127162

Ion Ratio Lower Upper

59 100

57 10.7 8.6 12.8



#18

1,1-Dichloroethene

Concen: 9.026 ppbv

RT: 2.036 min Scan# 602

Delta R.T. 0.000 min

Lab File: VL042579.D

Acq: 29 May 2025 11:09

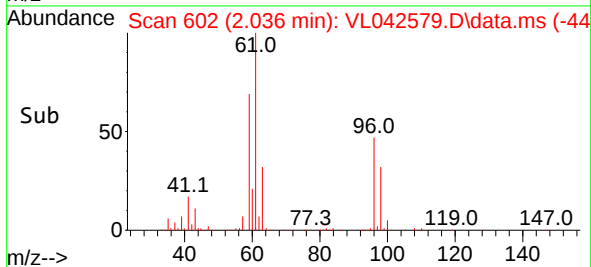
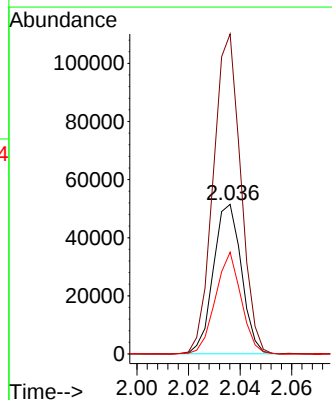
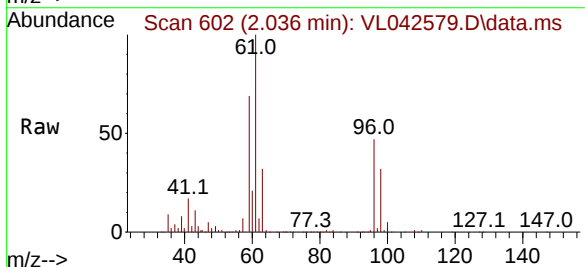
Tgt Ion: 96 Resp: 38765

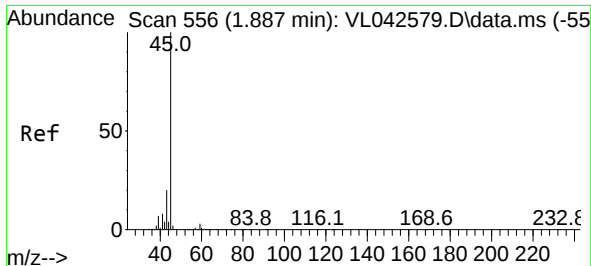
Ion Ratio Lower Upper

96 100

61 214.2 171.1 256.7

98 68.1 54.4 81.6

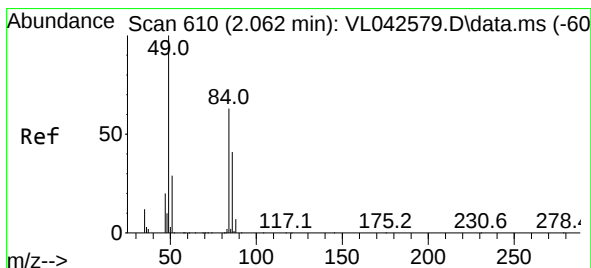
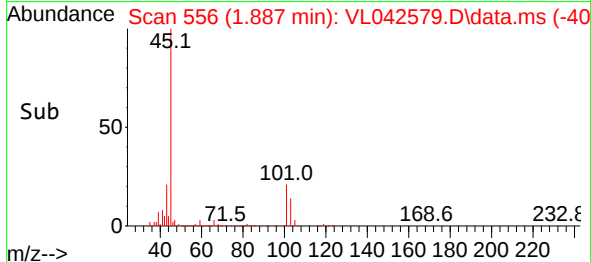
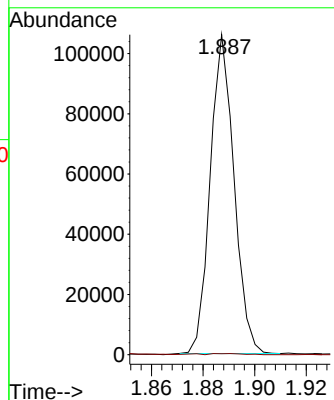
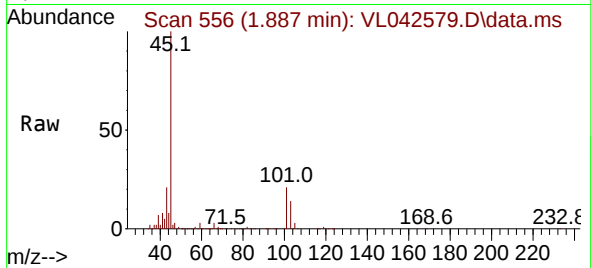




#19
Isopropyl Alcohol
Concen: 9.151 ppbv
RT: 1.887 min Scan# 51
Delta R.T. 0.000 min
Lab File: VL042579.D
Acq: 29 May 2025 11:09

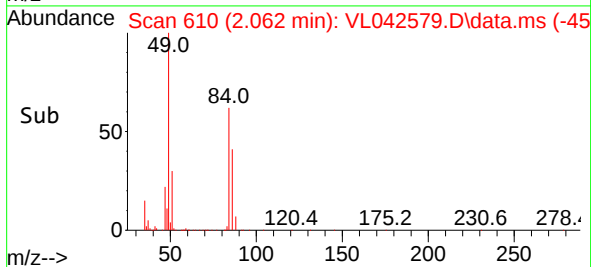
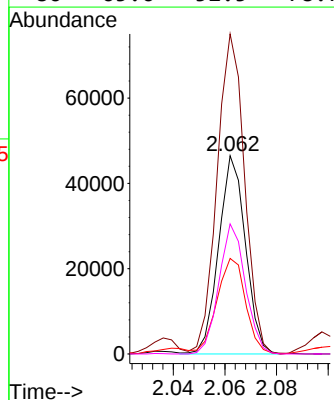
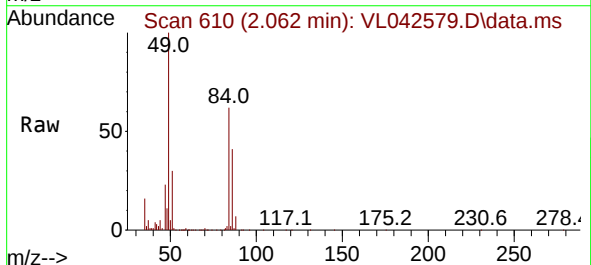
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

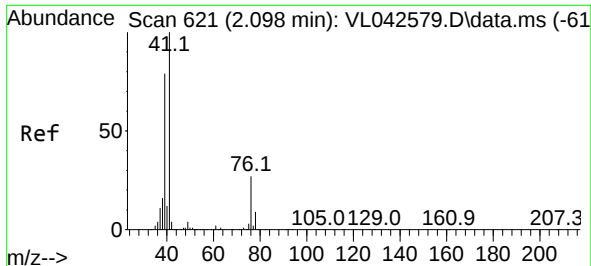
Tgt Ion: 45 Resp: 67731
Ion Ratio Lower Upper
45 100
58 36.8 29.4 44.2



#20
Methylene Chloride
Concen: 8.209 ppbv
RT: 2.062 min Scan# 610
Delta R.T. 0.000 min
Lab File: VL042579.D
Acq: 29 May 2025 11:09

Tgt Ion: 84 Resp: 33544
Ion Ratio Lower Upper
84 100
49 161.0 128.8 193.2
51 48.2 38.6 57.8
86 65.6 52.5 78.7

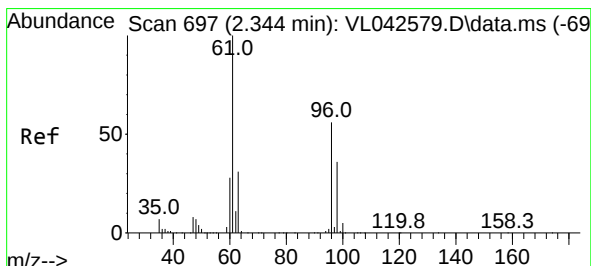
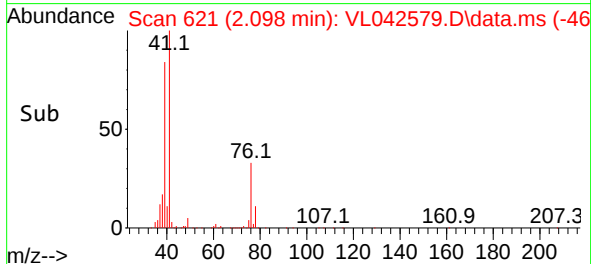
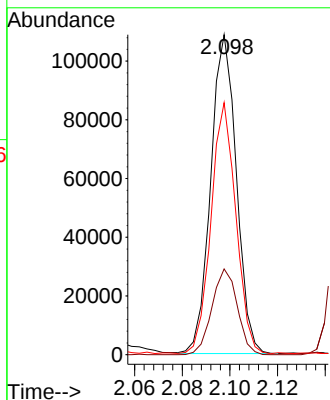
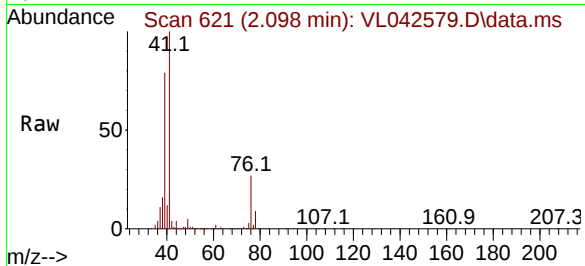




#21
 Allyl Chloride
 Concen: 9.289 ppbv
 RT: 2.098 min Scan# 611
 Delta R.T. 0.000 min
 Lab File: VL042579.D
 Acq: 29 May 2025 11:09

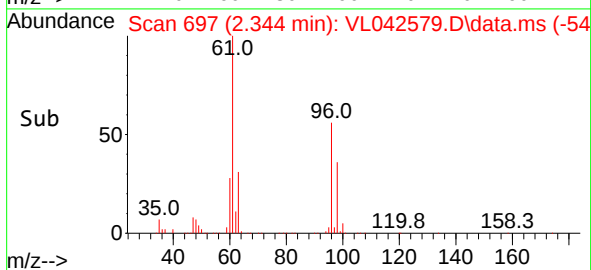
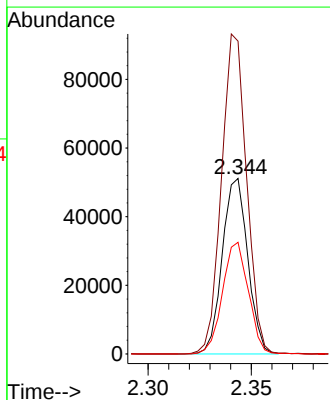
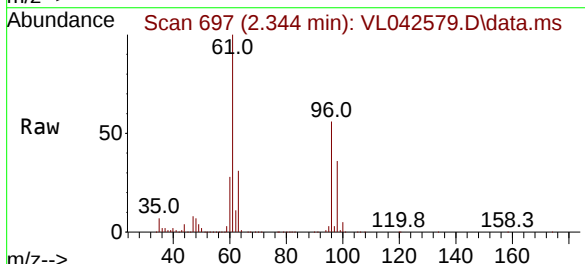
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010

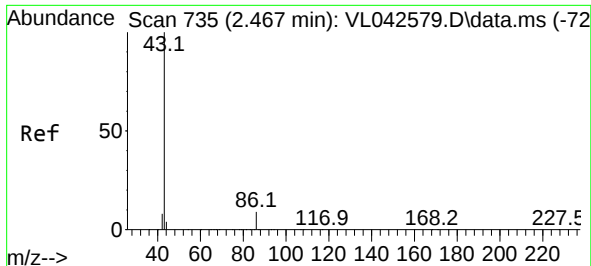
Tgt Ion: 41 Resp: 81153
 Ion Ratio Lower Upper
 41 100
 76 26.5 21.2 31.8
 39 76.1 60.9 91.3



#22
 trans-1,2-Dichloroethene
 Concen: 9.165 ppbv
 RT: 2.344 min Scan# 697
 Delta R.T. 0.000 min
 Lab File: VL042579.D
 Acq: 29 May 2025 11:09

Tgt Ion: 96 Resp: 43936
 Ion Ratio Lower Upper
 96 100
 61 178.3 142.6 214.0
 98 63.7 51.0 76.4

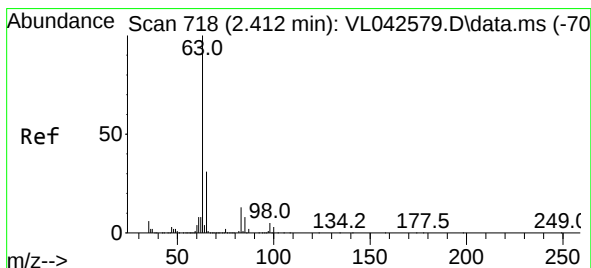
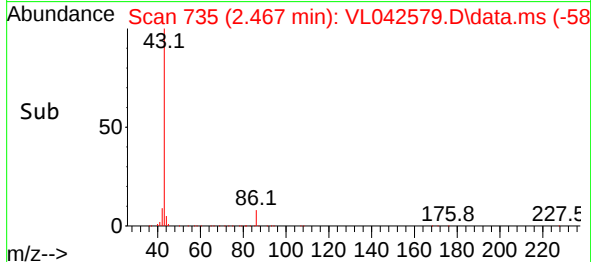
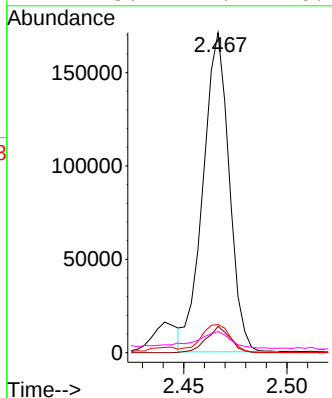
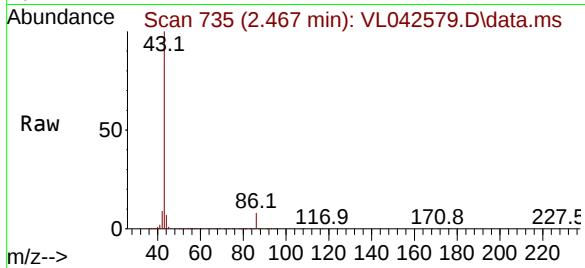




#23
 Vinyl Acetate
 Concen: 8.954 ppbv
 RT: 2.467 min Scan# 718
 Delta R.T. 0.000 min
 Lab File: VL042579.D
 Acq: 29 May 2025 11:09

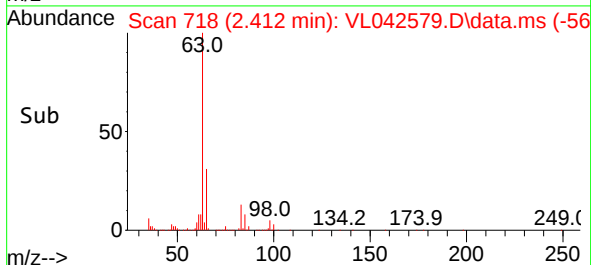
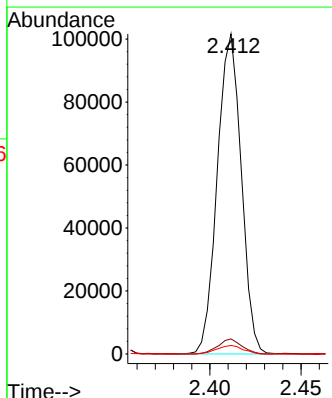
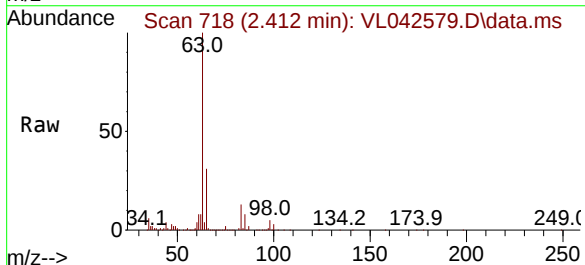
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDICCC010

Tgt Ion:	43	Resp:	149858
Ion Ratio	Lower	Upper	
43	100		
86	8.2	6.6	9.8
42	8.7	7.0	10.4
44	5.2	4.2	6.2



#24
 1,1-Dichloroethane
 Concen: 9.442 ppbv
 RT: 2.412 min Scan# 718
 Delta R.T. 0.000 min
 Lab File: VL042579.D
 Acq: 29 May 2025 11:09

Tgt Ion:	63	Resp:	92836
Ion Ratio	Lower	Upper	
63	100		
98	4.7	2.4	7.1
100	2.7	1.4	4.0





#25

Ethyl Acetate

Concen: 9.264 ppbv

RT: 2.839 min Scan# 850

Delta R.T. 0.000 min

Lab File: VL042579.D

Acq: 29 May 2025 11:09

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tgt Ion: 43 Resp: 313915

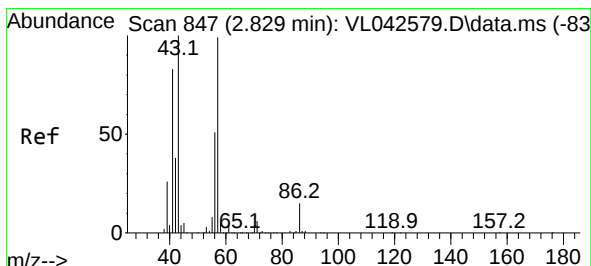
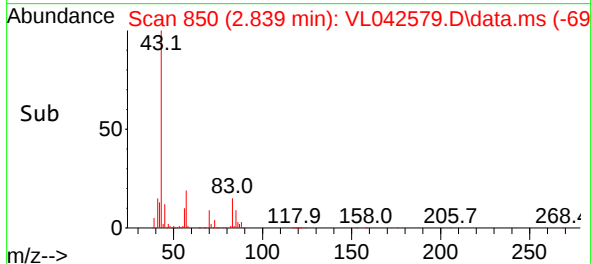
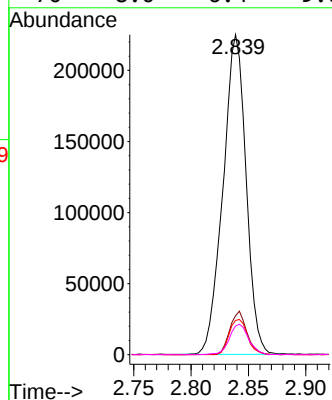
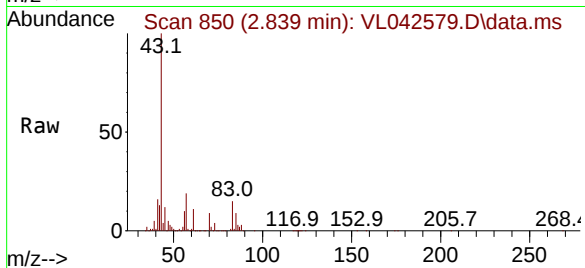
Ion Ratio Lower Upper

43 100

45 10.2 8.2 12.2

61 8.9 7.1 10.7

70 8.0 6.4 9.6



#26

Hexane

Concen: 9.013 ppbv

RT: 2.829 min Scan# 847

Delta R.T. 0.000 min

Lab File: VL042579.D

Acq: 29 May 2025 11:09

Tgt Ion: 57 Resp: 138771

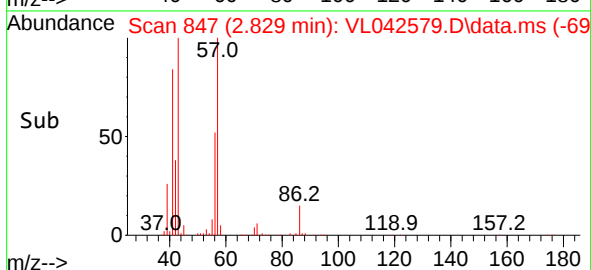
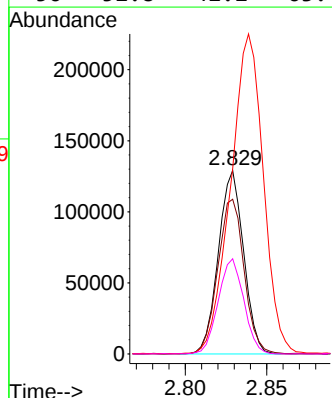
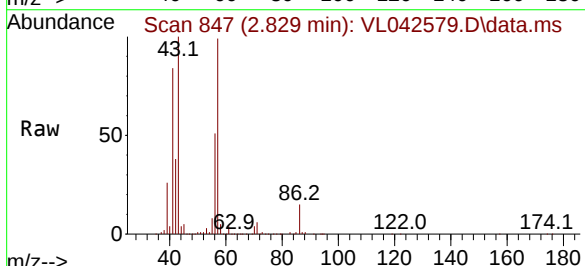
Ion Ratio Lower Upper

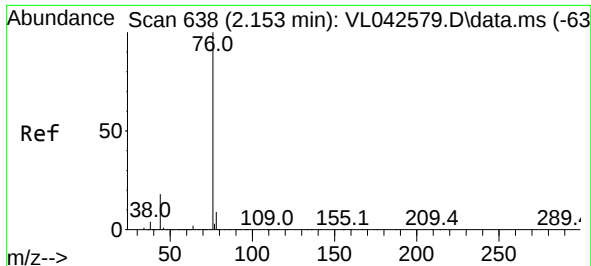
57 100

41 88.3 70.6 106.0

43 226.4 181.1 271.7

56 52.8 42.2 63.4

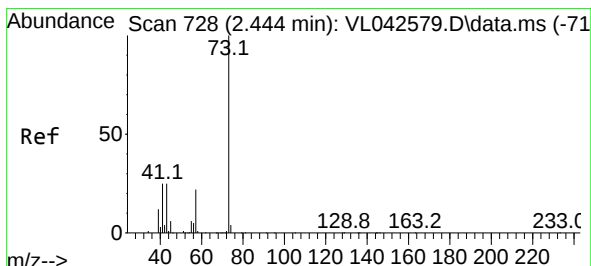
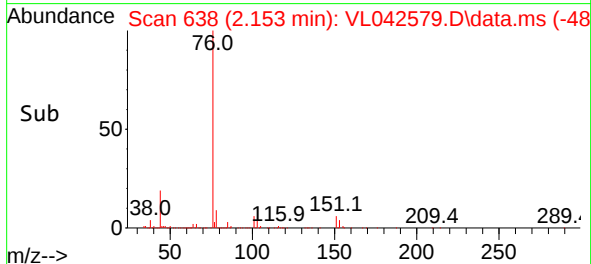
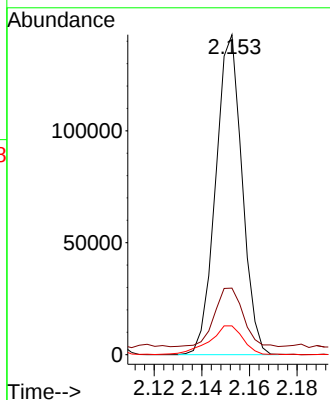
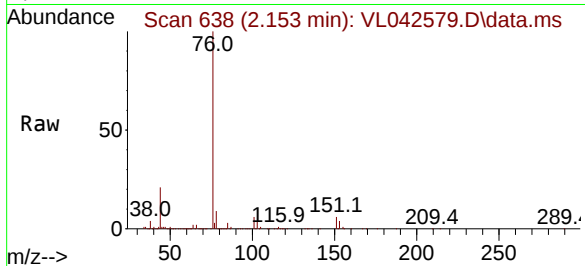




#27
Carbon Disulfide
Concen: 9.298 ppbv
RT: 2.153 min Scan# 61
Delta R.T. 0.000 min
Lab File: VL042579.D
Acq: 29 May 2025 11:09

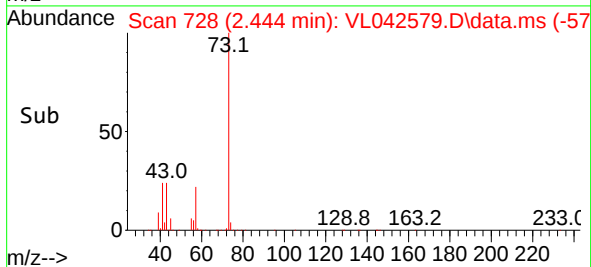
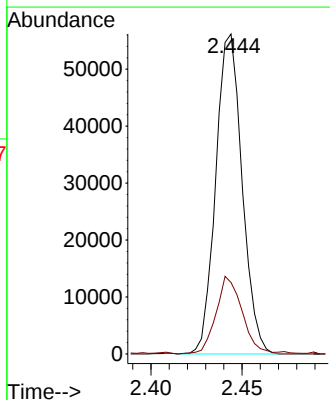
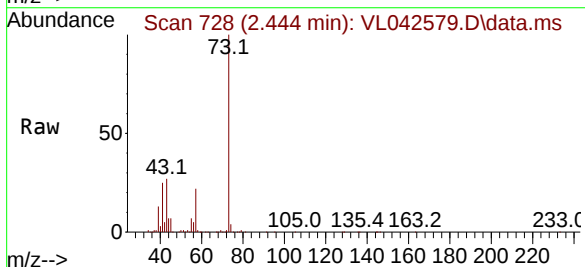
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

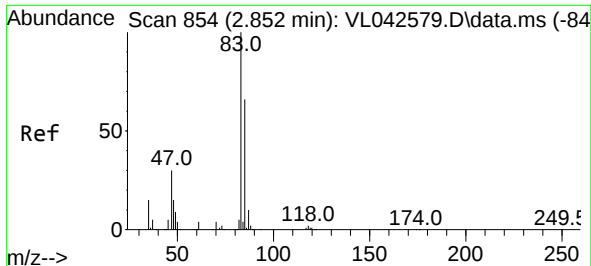
Tgt Ion: 76 Resp: 109904
Ion Ratio Lower Upper
76 100
44 26.6 21.3 31.9
78 11.7 9.4 14.0



#28
Methyl tert-Butyl Ether
Concen: 9.045 ppbv
RT: 2.444 min Scan# 728
Delta R.T. 0.000 min
Lab File: VL042579.D
Acq: 29 May 2025 11:09

Tgt Ion: 73 Resp: 56510
Ion Ratio Lower Upper
73 100
57 24.9 19.9 29.9





#29

Chloroform

Concen: 9.013 ppbv

RT: 2.852 min Scan# 854

Delta R.T. 0.000 min

Lab File: VL042579.D

Acq: 29 May 2025 11:09

Instrument :

MSVOA_L

ClientSampleId :

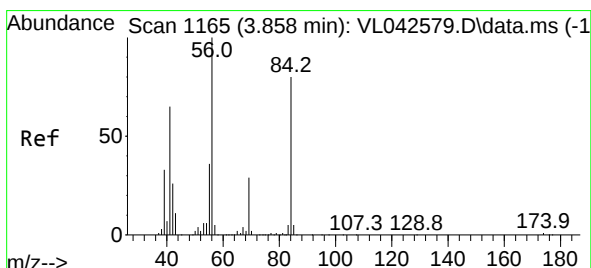
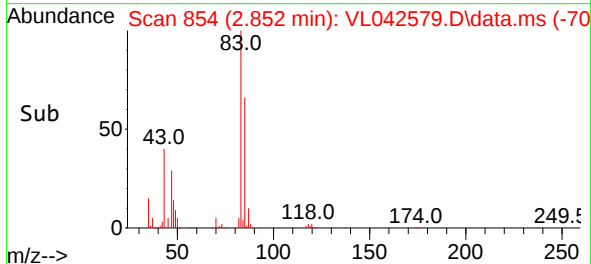
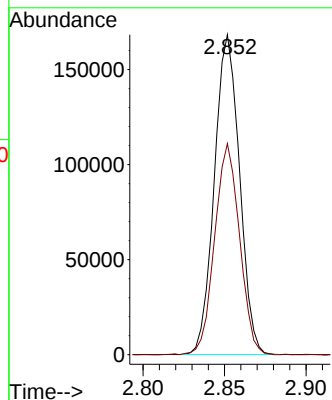
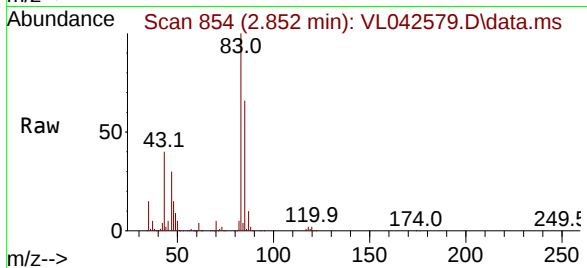
VSTDICCC010

Tgt Ion: 83 Resp: 180449

Ion Ratio Lower Upper

83 100

85 66.0 52.8 79.2



#30

Cyclohexane

Concen: 9.232 ppbv

RT: 3.858 min Scan# 1165

Delta R.T. 0.000 min

Lab File: VL042579.D

Acq: 29 May 2025 11:09

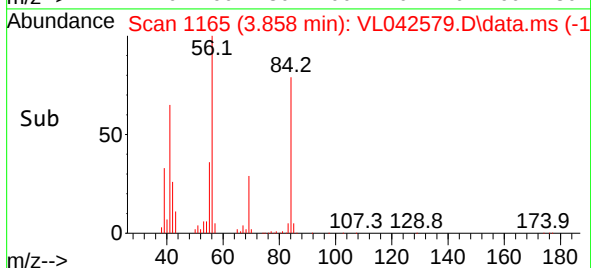
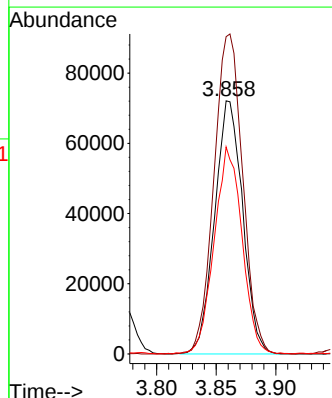
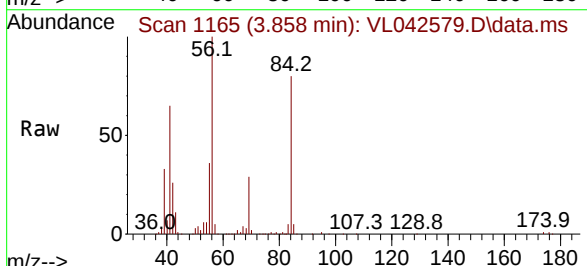
Tgt Ion: 84 Resp: 117833

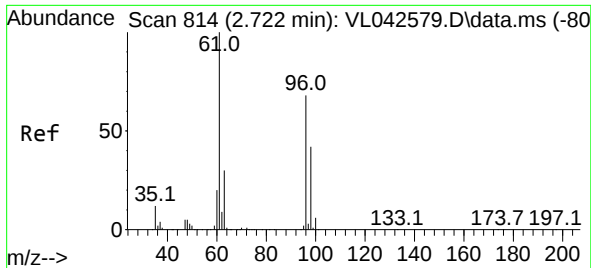
Ion Ratio Lower Upper

84 100

56 129.7 103.7 155.5

41 81.2 65.1 97.7

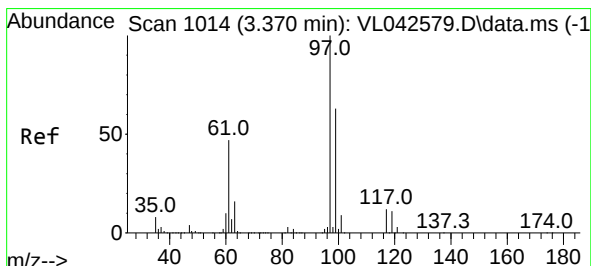
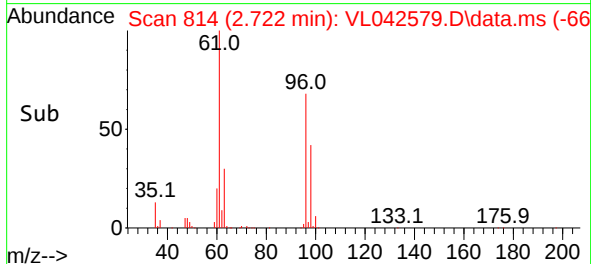
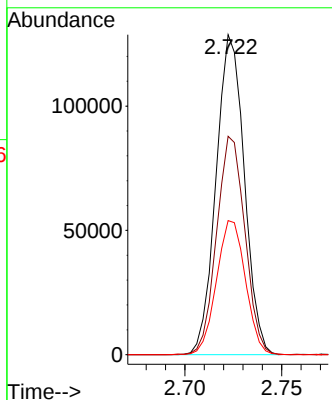
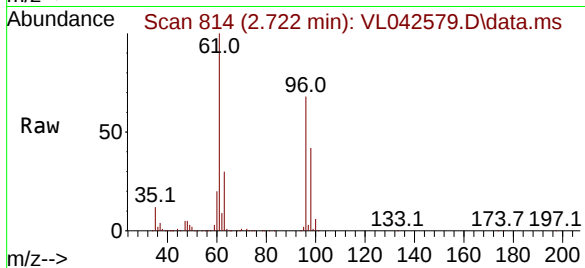




#31
 cis-1,2-Dichloroethene
 Concen: 9.274 ppbv
 RT: 2.722 min Scan# 814
 Delta R.T. 0.000 min
 Lab File: VL042579.D
 Acq: 29 May 2025 11:09

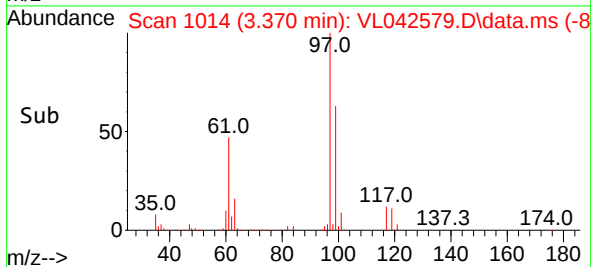
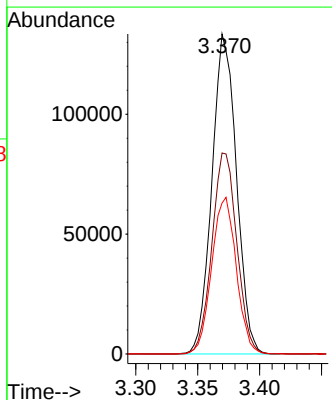
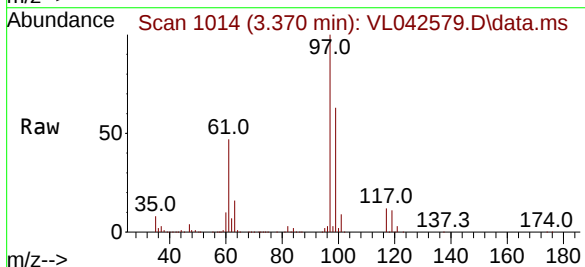
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010

Tgt Ion: 61 Resp: 130618
 Ion Ratio Lower Upper
 61 100
 96 68.1 54.5 81.7
 98 41.8 33.4 50.2



#32
 1,1,1-Trichloroethane
 Concen: 9.177 ppbv
 RT: 3.370 min Scan# 1014
 Delta R.T. 0.000 min
 Lab File: VL042579.D
 Acq: 29 May 2025 11:09

Tgt Ion: 97 Resp: 184372
 Ion Ratio Lower Upper
 97 100
 99 63.8 51.0 76.6
 61 49.2 39.4 59.0





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.962 min Scan# 1197

Delta R.T. 0.000 min

Lab File: VL042579.D

Acq: 29 May 2025 11:09

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

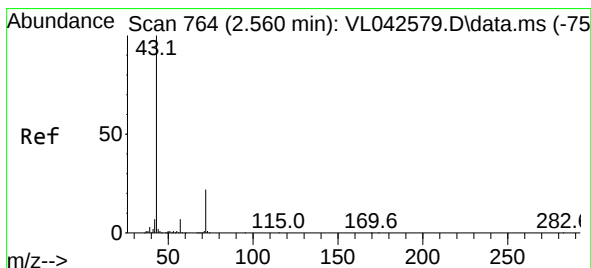
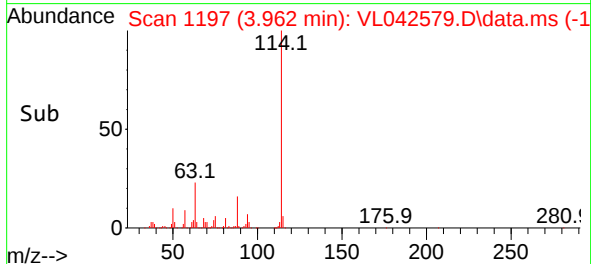
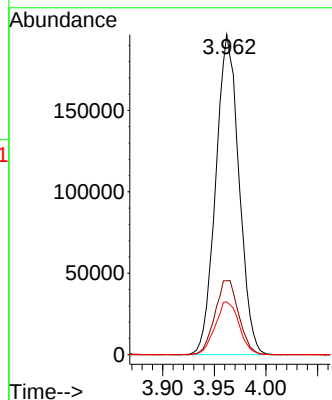
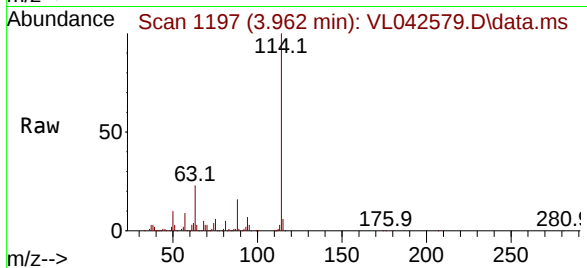
Tgt Ion:114 Resp: 307854

Ion Ratio Lower Upper

114 100

63 23.8 19.0 28.6

88 17.0 13.6 20.4



#34

2-Butanone

Concen: 9.192 ppbv

RT: 2.560 min Scan# 764

Delta R.T. 0.000 min

Lab File: VL042579.D

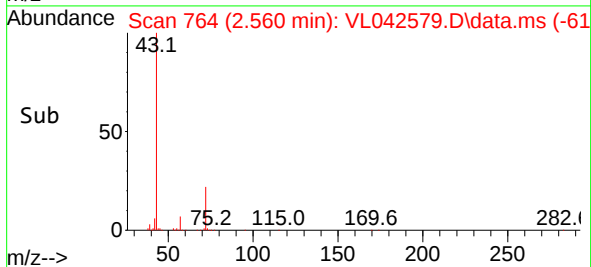
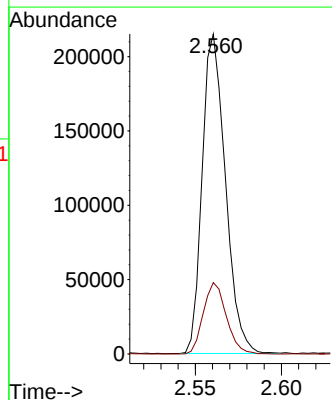
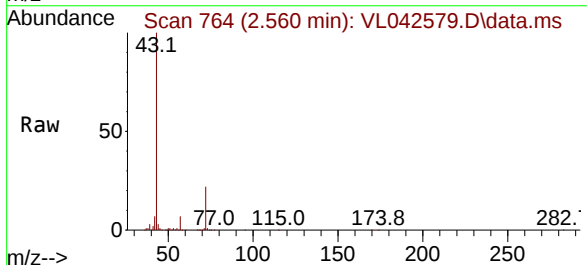
Acq: 29 May 2025 11:09

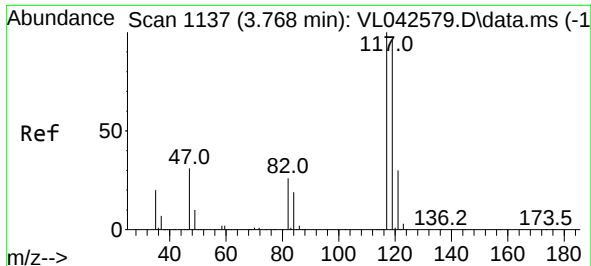
Tgt Ion: 43 Resp: 201796

Ion Ratio Lower Upper

43 100

72 22.1 17.7 26.5

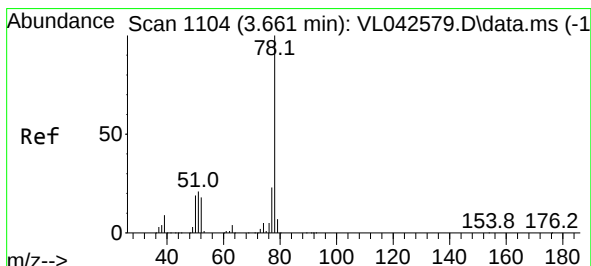
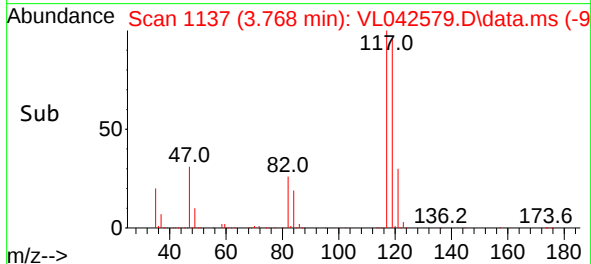
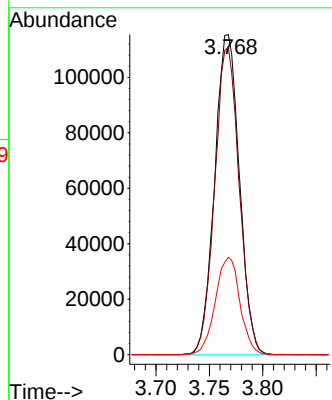
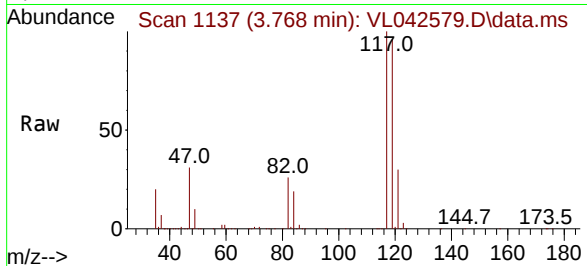




#35
Carbon Tetrachloride
Concen: 9.132 ppbv
RT: 3.768 min Scan# 1137
Delta R.T. 0.000 min
Lab File: VL042579.D
Acq: 29 May 2025 11:09

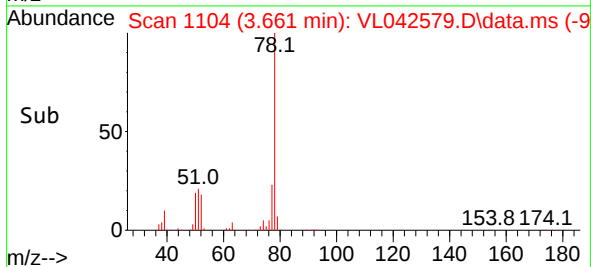
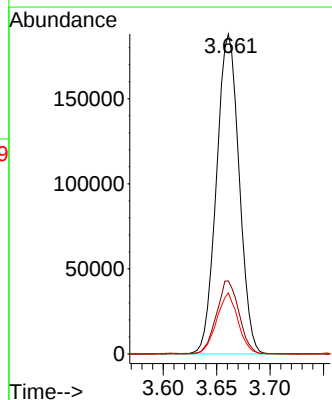
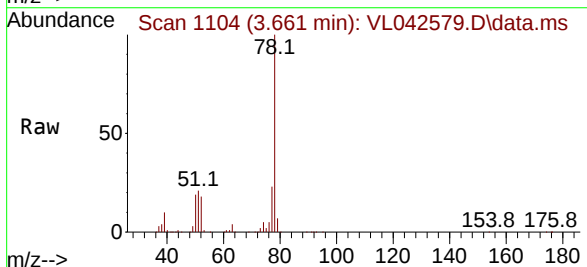
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

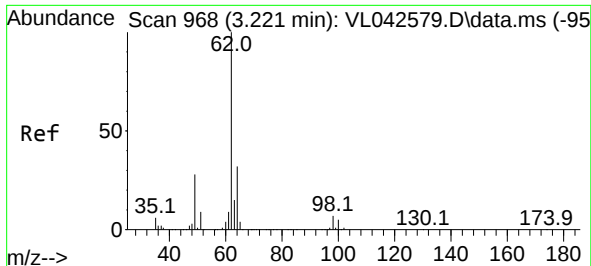
Tgt Ion:117 Resp: 185629
Ion Ratio Lower Upper
117 100
119 96.0 76.8 115.2
121 30.4 24.3 36.5



#36
Benzene
Concen: 9.142 ppbv
RT: 3.661 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VL042579.D
Acq: 29 May 2025 11:09

Tgt Ion: 78 Resp: 277132
Ion Ratio Lower Upper
78 100
77 22.7 18.2 27.2
50 19.0 15.2 22.8





#37

1,2-Dichloroethane

Concen: 9.153 ppbv

RT: 3.221 min Scan# 9

Delta R.T. 0.000 min

Lab File: VL042579.D

Acq: 29 May 2025 11:09

Instrument :

MSVOA_1

ClientSampleId :

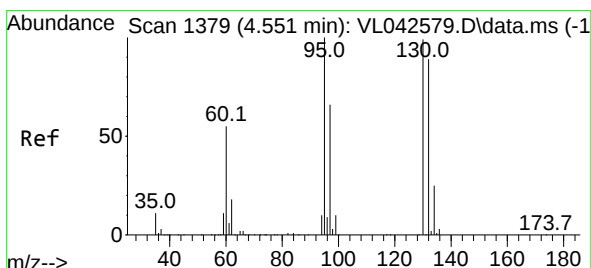
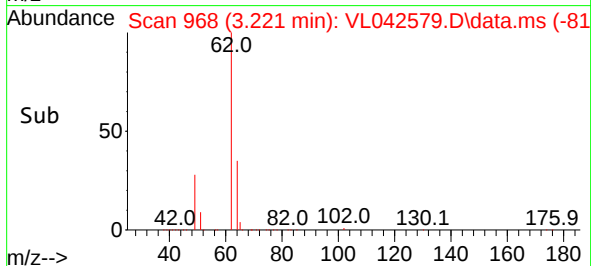
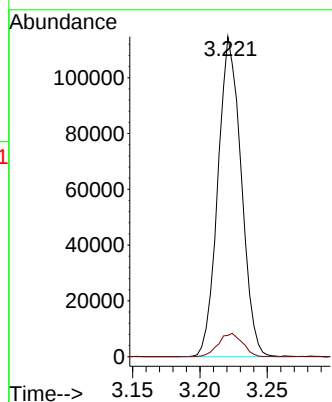
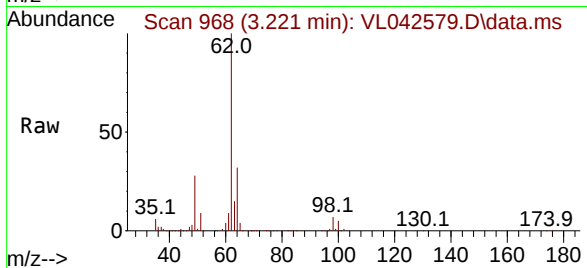
VSTDICCC010

Tgt Ion: 62 Resp: 137914

Ion Ratio Lower Upper

62 100

98 7.6 6.1 9.1



#38

Trichloroethene

Concen: 8.916 ppbv

RT: 4.551 min Scan# 1379

Delta R.T. 0.000 min

Lab File: VL042579.D

Acq: 29 May 2025 11:09

Tgt Ion:130 Resp: 115772

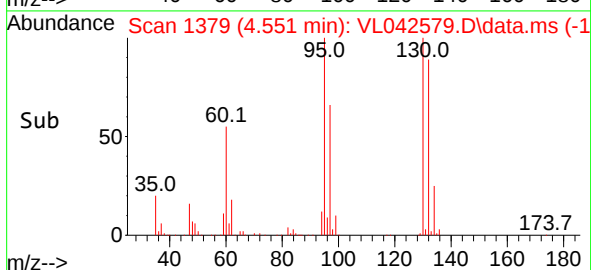
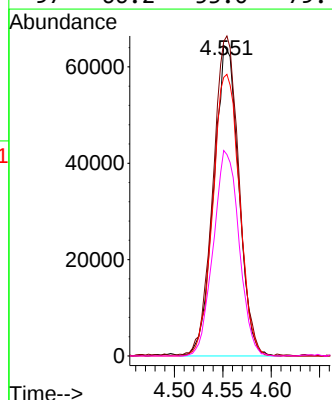
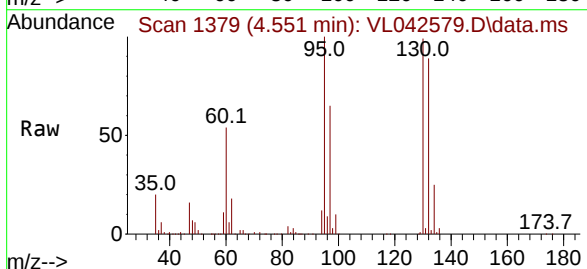
Ion Ratio Lower Upper

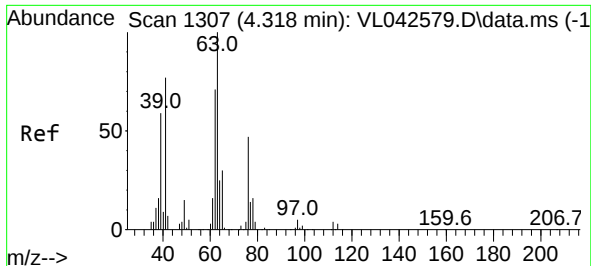
130 100

95 100.8 80.6 121.0

132 89.7 71.8 107.6

97 66.2 53.0 79.4





#39

1,2-Dichloropropane

Concen: 9.029 ppbv

RT: 4.318 min Scan# 1

Delta R.T. 0.000 min

Lab File: VL042579.D

Acq: 29 May 2025 11:09

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

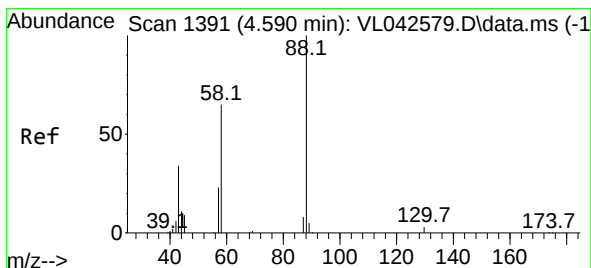
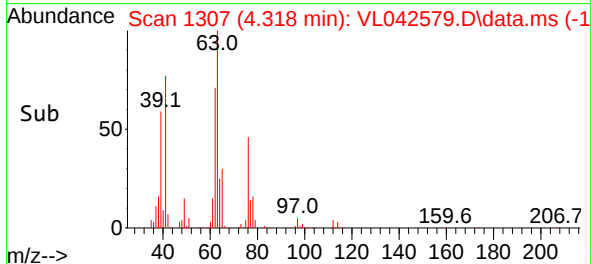
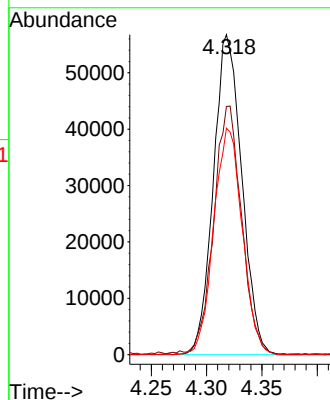
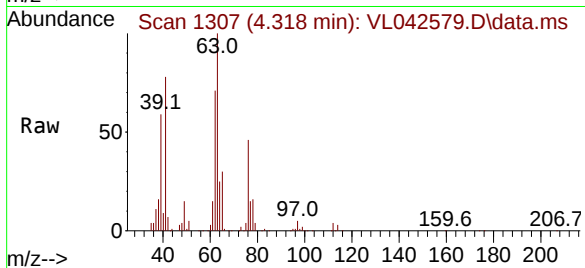
Tgt Ion: 63 Resp: 101185

Ion Ratio Lower Upper

63 100

41 77.2 61.8 92.6

62 70.8 56.6 85.0



#40

1,4-Dioxane

Concen: 9.797 ppbv

RT: 4.590 min Scan# 1391

Delta R.T. 0.000 min

Lab File: VL042579.D

Acq: 29 May 2025 11:09

Tgt Ion: 88 Resp: 46671

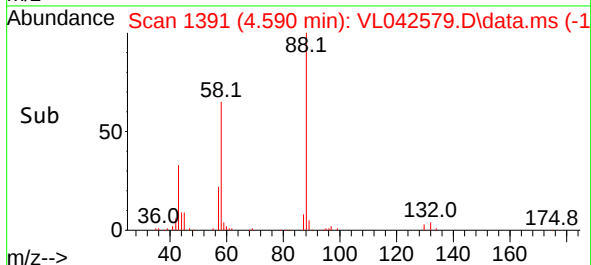
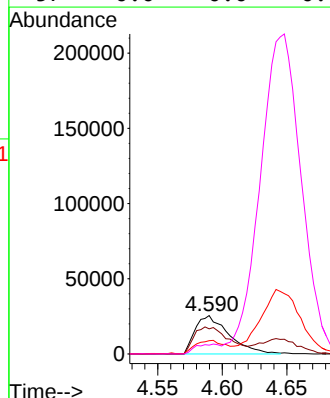
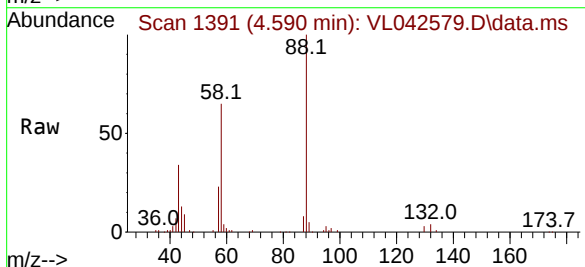
Ion Ratio Lower Upper

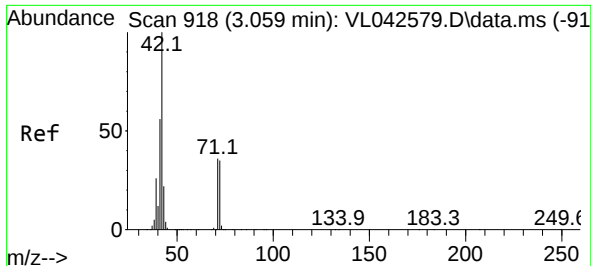
88 100

58 69.8 55.8 83.8

43 31.0 24.8 37.2

57 0.0 0.0 0.0

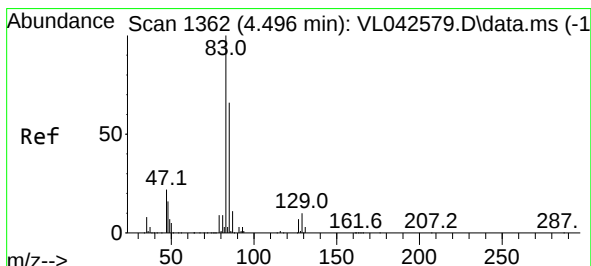
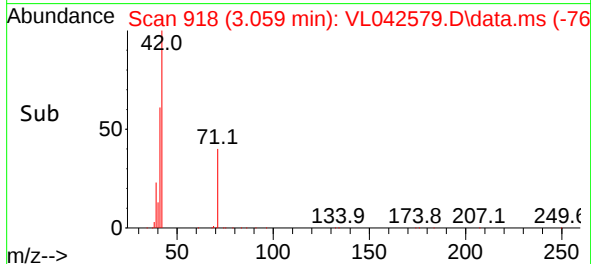
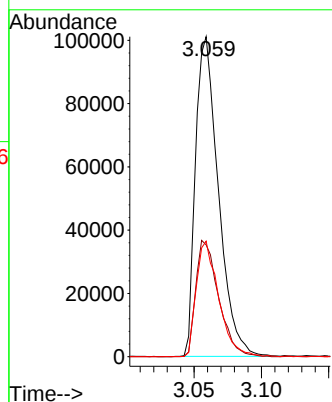
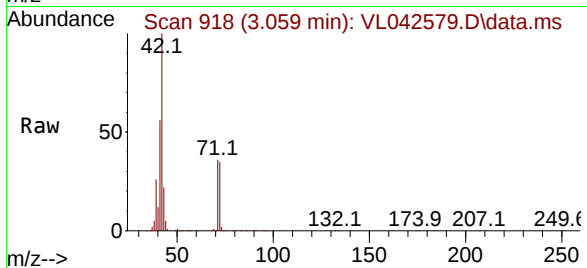




#41
Tetrahydrofuran
Concen: 9.301 ppbv
RT: 3.059 min Scan# 918
Delta R.T. 0.000 min
Lab File: VL042579.D
Acq: 29 May 2025 11:09

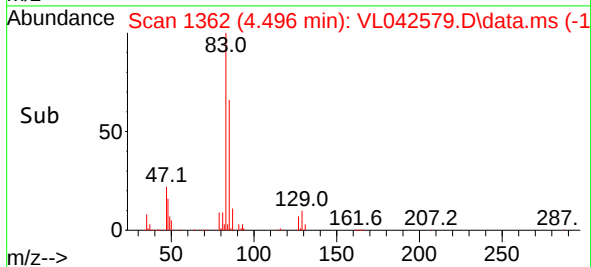
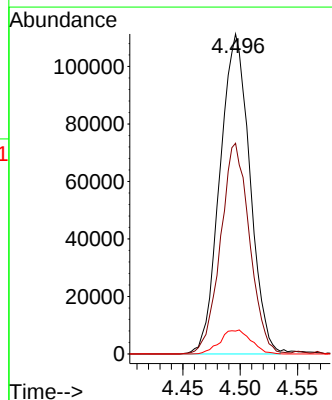
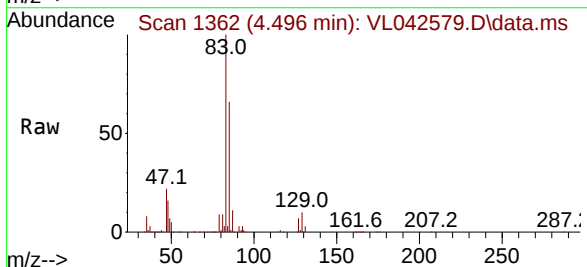
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

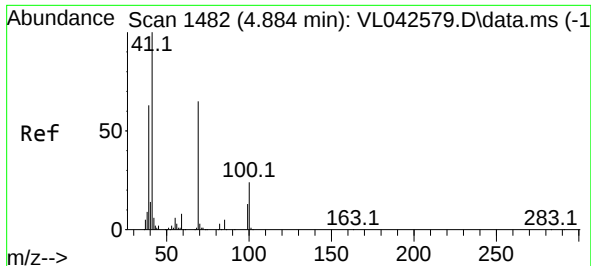
Tgt Ion: 42 Resp: 119530
Ion Ratio Lower Upper
42 100
72 36.2 28.9 43.3
71 35.5 28.5 42.7



#42
Bromodichloromethane
Concen: 9.441 ppbv
RT: 4.496 min Scan# 1362
Delta R.T. 0.000 min
Lab File: VL042579.D
Acq: 29 May 2025 11:09

Tgt Ion: 83 Resp: 202026
Ion Ratio Lower Upper
83 100
85 65.9 52.7 79.1
127 7.2 5.8 8.6

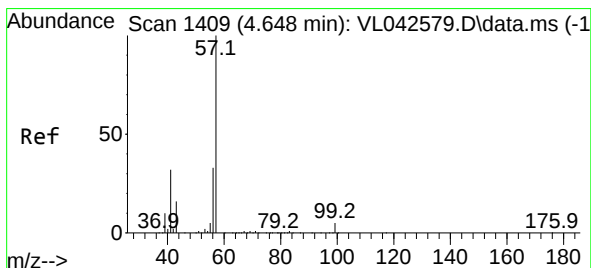
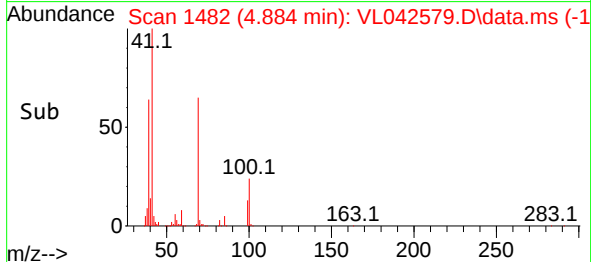
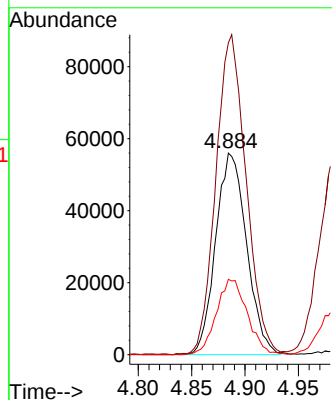
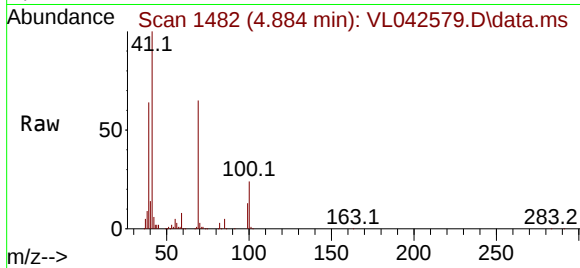




#43
Methyl Methacrylate
Concen: 9.595 ppbv
RT: 4.884 min Scan# 1482
Delta R.T. 0.000 min
Lab File: VL042579.D
Acq: 29 May 2025 11:09

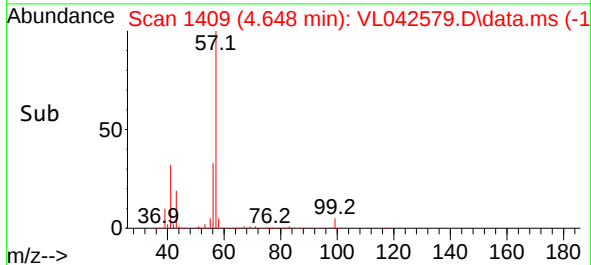
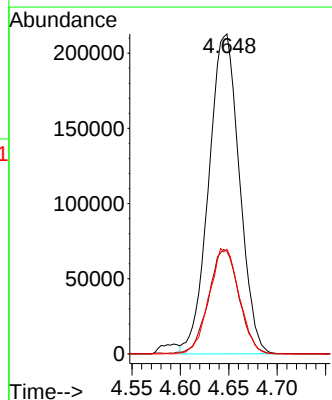
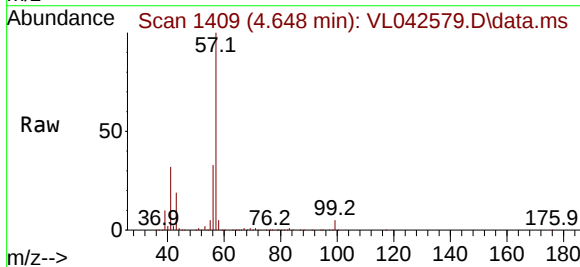
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

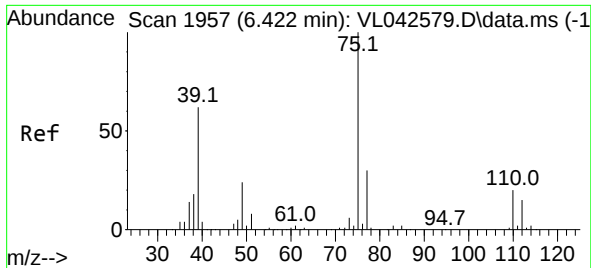
Tgt Ion: 69 Resp: 112746
Ion Ratio Lower Upper
69 100
41 155.4 124.6 187.0
100 37.3 29.9 44.9



#44
2,2,4-Trimethylpentane
Concen: 9.043 ppbv
RT: 4.648 min Scan# 1409
Delta R.T. 0.000 min
Lab File: VL042579.D
Acq: 29 May 2025 11:09

Tgt Ion: 57 Resp: 468572
Ion Ratio Lower Upper
57 100
41 32.6 26.1 39.1
56 32.4 25.9 38.9

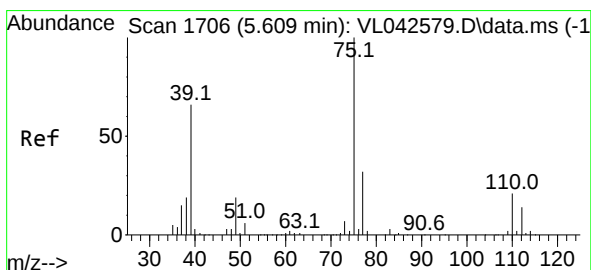
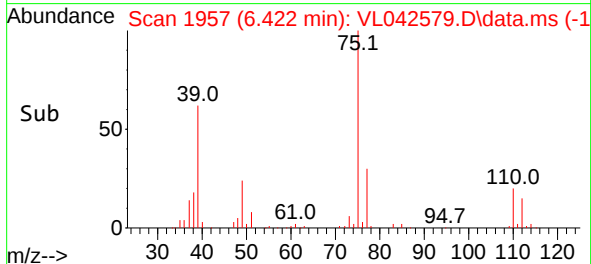
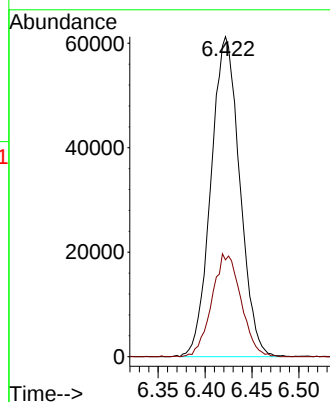
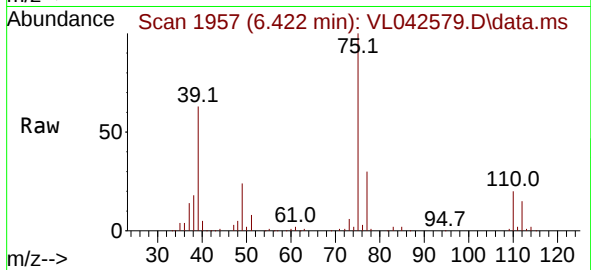




#45
 t-1,3-Dichloropropene
 Concen: 9.700 ppbv
 RT: 6.422 min Scan# 1957
 Delta R.T. 0.000 min
 Lab File: VL042579.D
 Acq: 29 May 2025 11:09

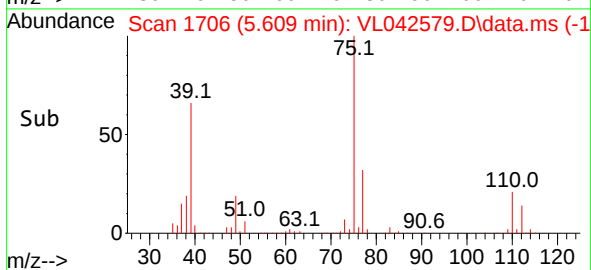
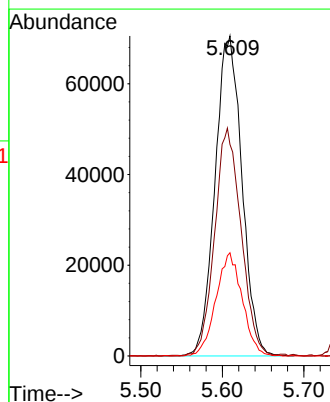
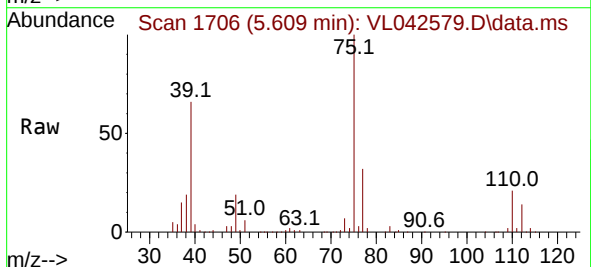
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDICCC010

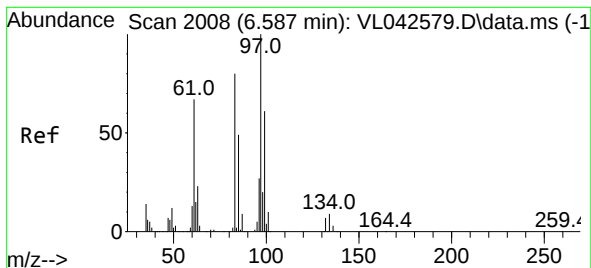
Tgt Ion: 75 Resp: 130611
 Ion Ratio Lower Upper
 75 100
 77 30.2 24.2 36.2



#46
 cis-1,3-Dichloropropene
 Concen: 9.614 ppbv
 RT: 5.609 min Scan# 1706
 Delta R.T. 0.000 min
 Lab File: VL042579.D
 Acq: 29 May 2025 11:09

Tgt Ion: 75 Resp: 162155
 Ion Ratio Lower Upper
 75 100
 39 65.9 52.7 79.1
 77 32.3 25.8 38.8





#47

1,1,2-Trichloroethane

Concen: 9.097 ppbv

RT: 6.587 min Scan# 2008

Delta R.T. 0.000 min

Lab File: VL042579.D

Acq: 29 May 2025 11:09

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tgt Ion: 97 Resp: 105576

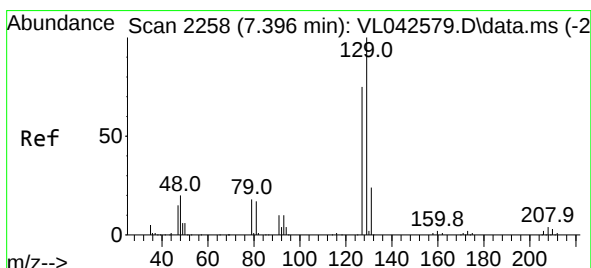
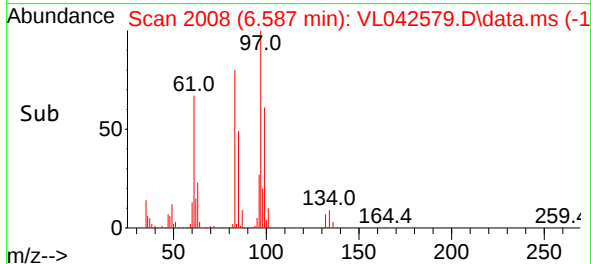
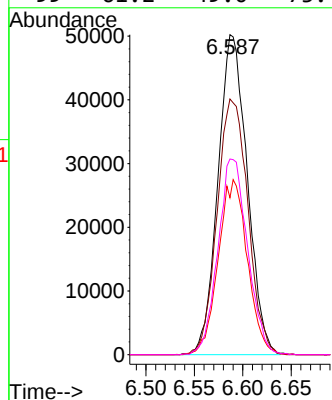
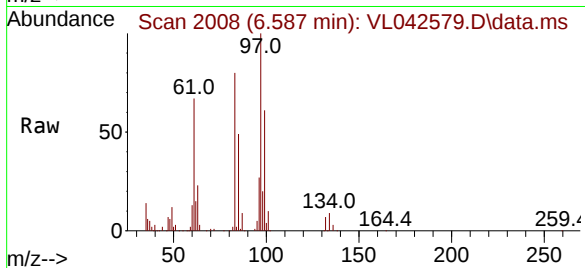
Ion Ratio Lower Upper

97 100

83 79.9 63.9 95.9

85 49.0 39.2 58.8

99 61.2 49.0 73.4



#48

Dibromochloromethane

Concen: 9.450 ppbv

RT: 7.396 min Scan# 2258

Delta R.T. 0.000 min

Lab File: VL042579.D

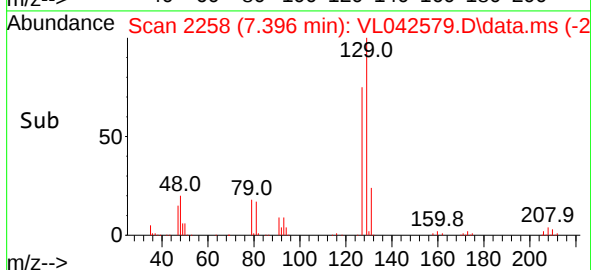
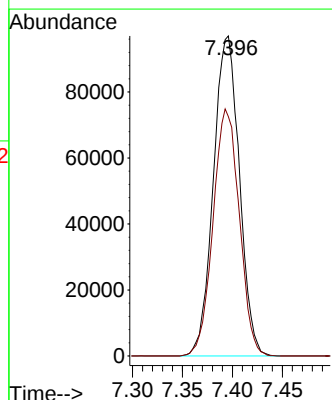
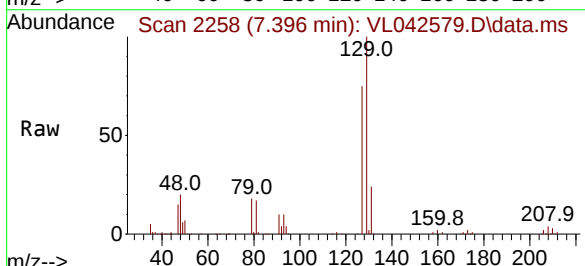
Acq: 29 May 2025 11:09

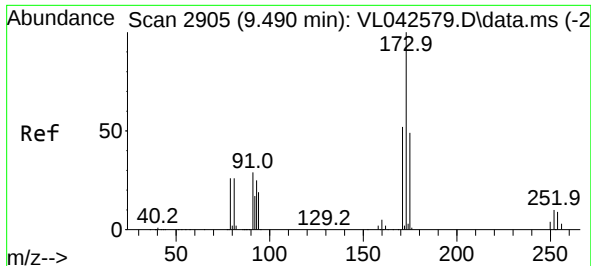
Tgt Ion: 129 Resp: 175572

Ion Ratio Lower Upper

129 100

127 77.9 39.0 116.9

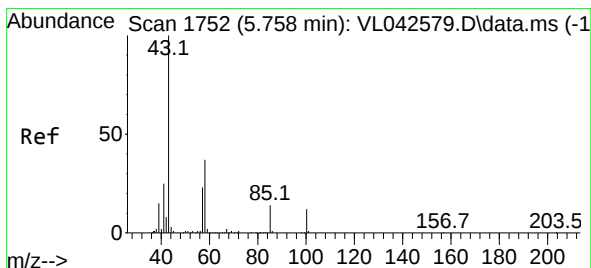
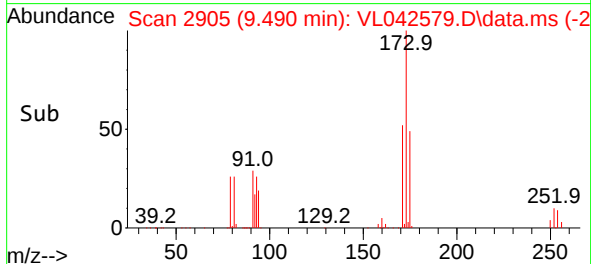
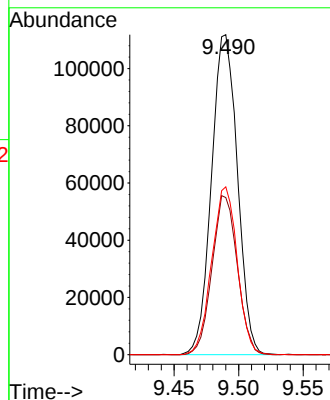
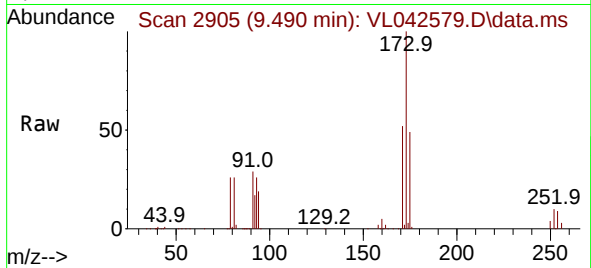




#49
Bromoform
Concen: 9.751 ppbv
RT: 9.490 min Scan# 2905
Delta R.T. 0.000 min
Lab File: VL042579.D
Acq: 29 May 2025 11:09

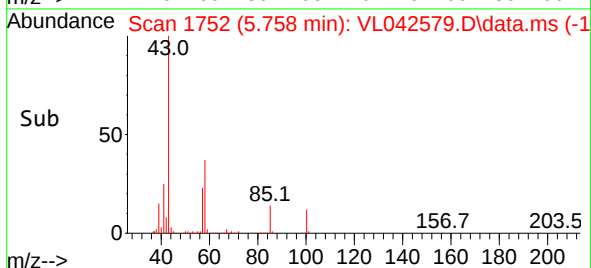
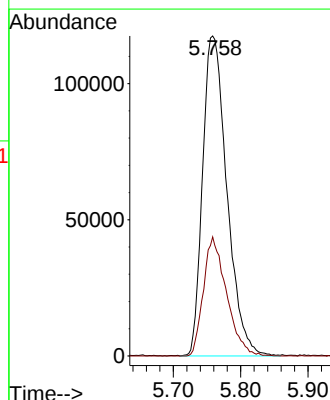
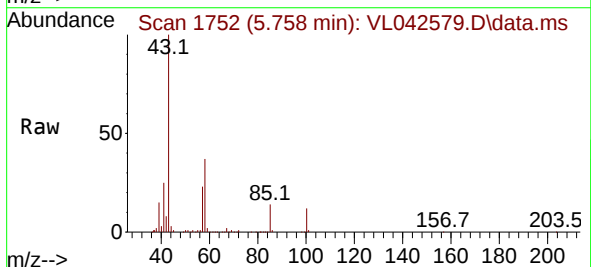
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

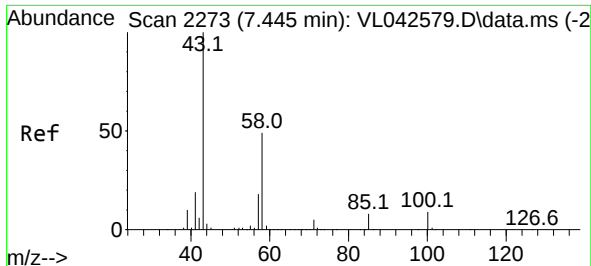
Tgt Ion:173 Resp: 156317
Ion Ratio Lower Upper
173 100
175 48.4 38.7 58.1
171 51.5 41.2 61.8



#50
4-Methyl-2-Pentanone
Concen: 9.643 ppbv
RT: 5.758 min Scan# 1752
Delta R.T. 0.000 min
Lab File: VL042579.D
Acq: 29 May 2025 11:09

Tgt Ion: 43 Resp: 294836
Ion Ratio Lower Upper
43 100
58 35.4 28.3 42.5

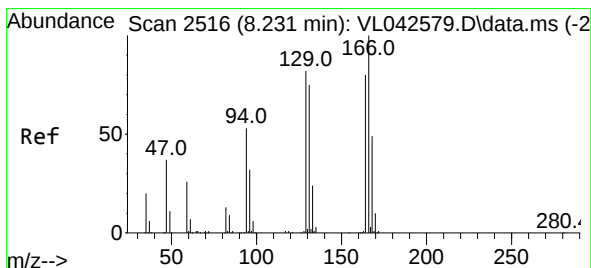
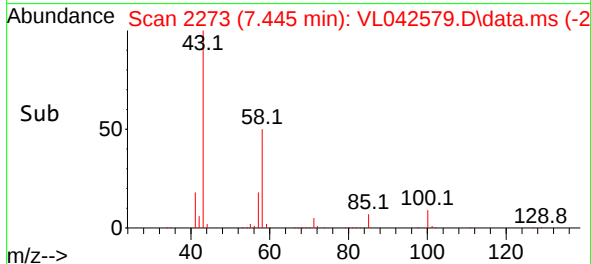
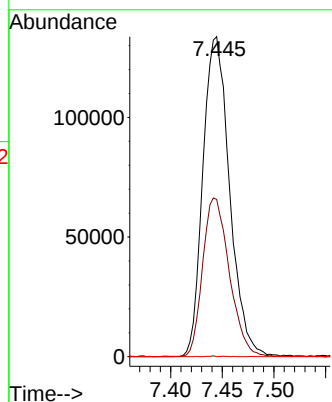
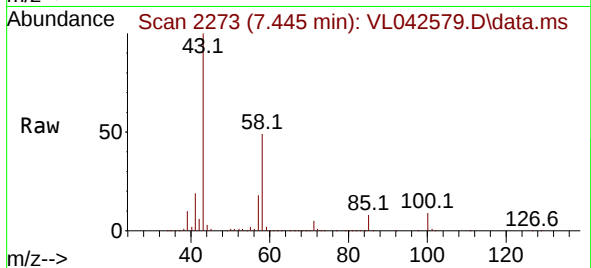




#51
2-Hexanone
Concen: 9.930 ppbv
RT: 7.445 min Scan# 21
Delta R.T. 0.000 min
Lab File: VL042579.D
Acq: 29 May 2025 11:09

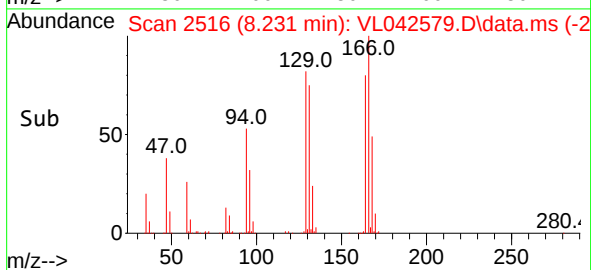
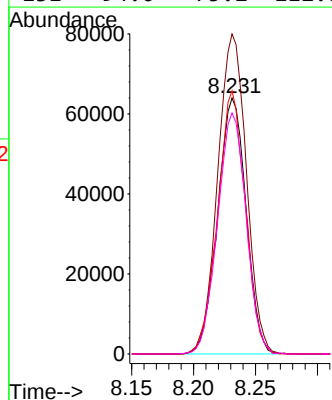
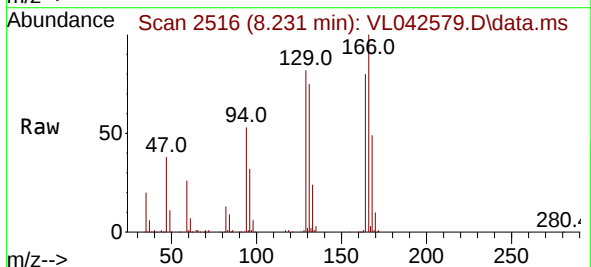
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

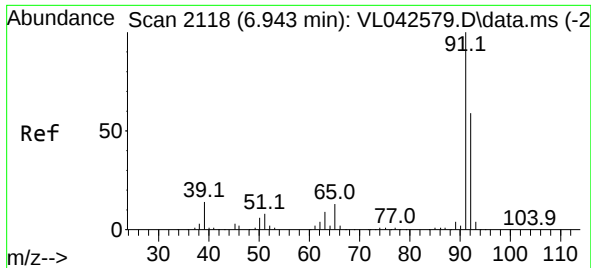
Tgt Ion: 43 Resp: 239826
Ion Ratio Lower Upper
43 100
58 49.9 39.9 59.9
98 0.1 0.1 0.1



#52
Tetrachloroethene
Concen: 9.038 ppbv
RT: 8.231 min Scan# 2516
Delta R.T. 0.000 min
Lab File: VL042579.D
Acq: 29 May 2025 11:09

Tgt Ion:164 Resp: 102403
Ion Ratio Lower Upper
164 100
166 125.0 100.0 150.0
129 102.8 82.2 123.4
131 94.0 75.2 112.8





#53

Toluene

Concen: 9.264 ppbv

RT: 6.943 min Scan# 2118

Delta R.T. 0.000 min

Lab File: VL042579.D

Acq: 29 May 2025 11:09

Instrument :

MSVOA_L

ClientSampleId :

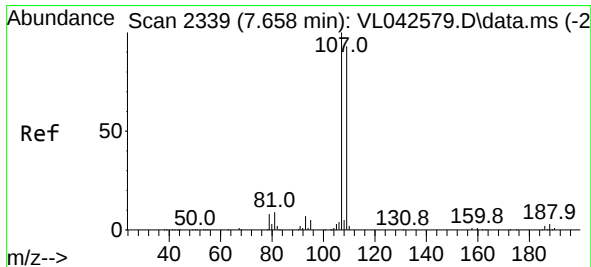
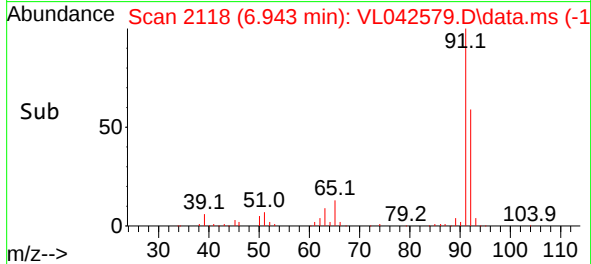
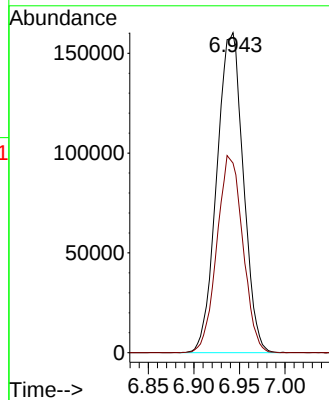
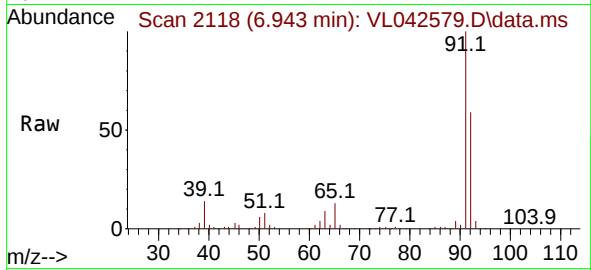
VSTDICCC010

Tgt Ion: 91 Resp: 324605

Ion Ratio Lower Upper

91 100

92 60.3 48.2 72.4



#54

1,2-Dibromoethane

Concen: 9.231 ppbv

RT: 7.658 min Scan# 2339

Delta R.T. 0.000 min

Lab File: VL042579.D

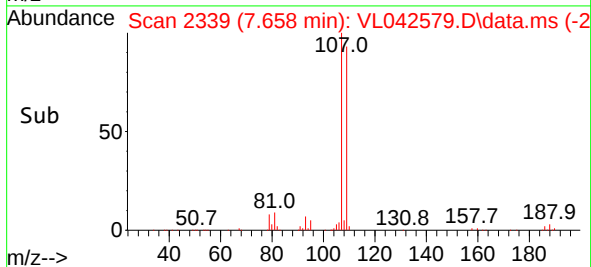
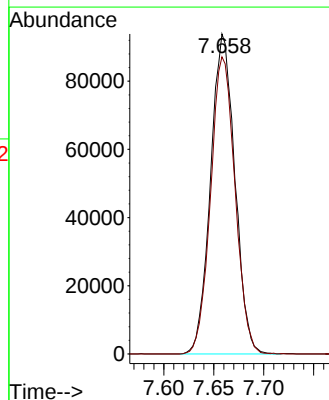
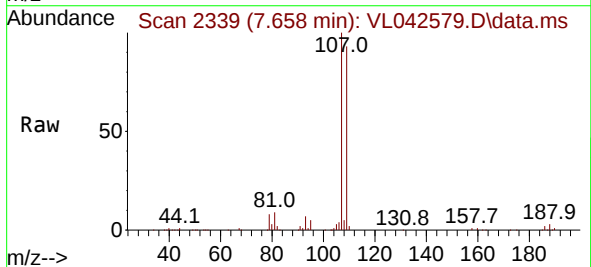
Acq: 29 May 2025 11:09

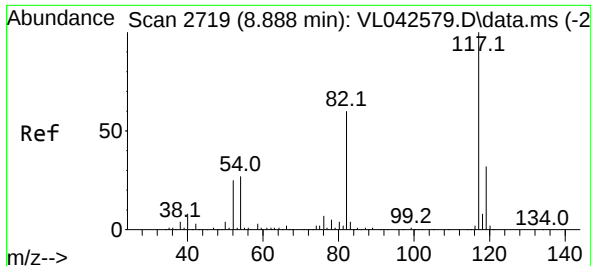
Tgt Ion: 107 Resp: 158813

Ion Ratio Lower Upper

107 100

109 92.9 74.3 111.5

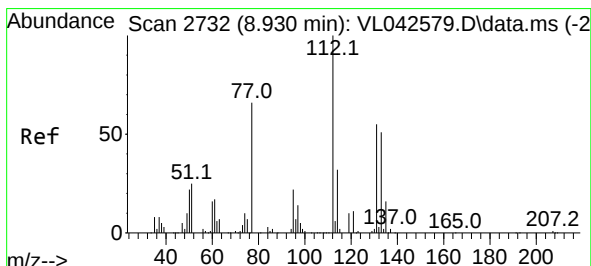
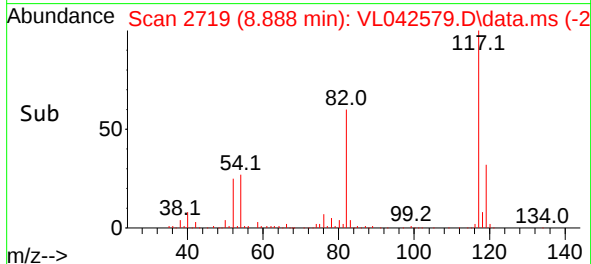
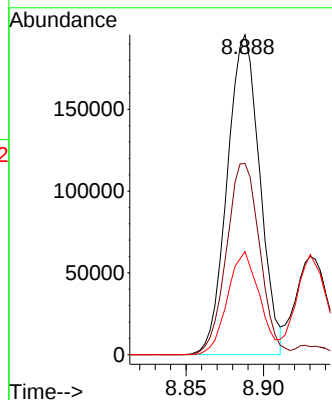
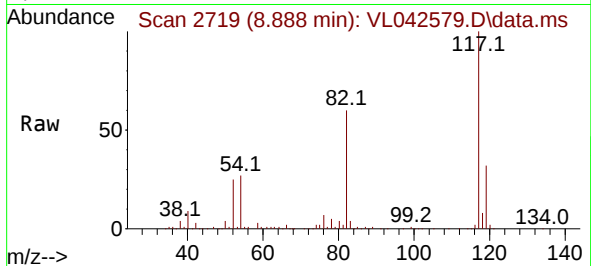




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.888 min Scan# 2719
Delta R.T. 0.000 min
Lab File: VL042579.D
Acq: 29 May 2025 11:09

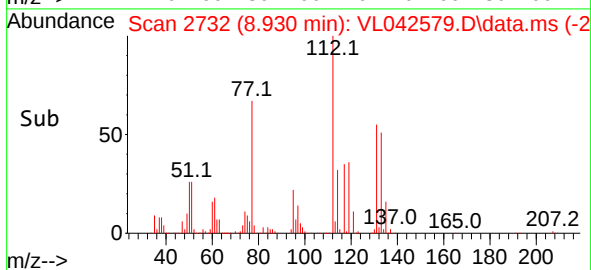
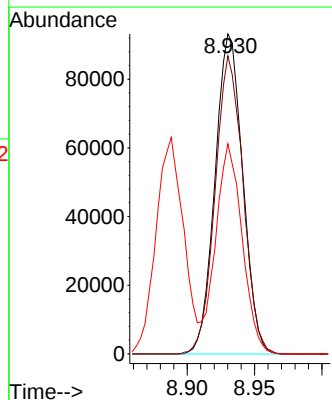
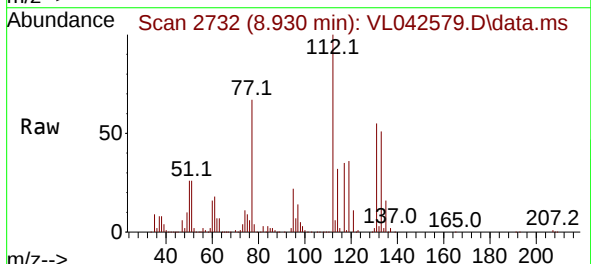
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

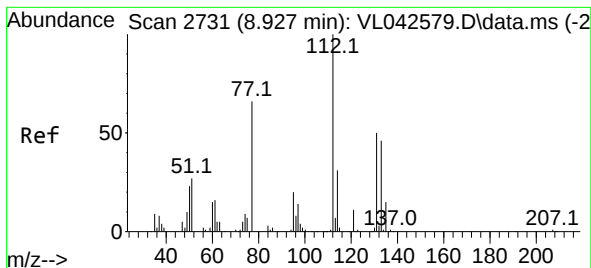
Tgt Ion:117 Resp: 285844
Ion Ratio Lower Upper
117 100
82 64.0 51.2 76.8
119 32.9 26.3 39.5



#56
1,1,1,2-Tetrachloroethane
Concen: 9.279 ppbv
RT: 8.930 min Scan# 2732
Delta R.T. 0.000 min
Lab File: VL042579.D
Acq: 29 May 2025 11:09

Tgt Ion:131 Resp: 133368
Ion Ratio Lower Upper
131 100
133 93.8 75.0 112.6
119 63.5 50.8 76.2





#57

Chlorobenzene

Concen: 8.938 ppbv

RT: 8.927 min Scan# 21

Delta R.T. 0.000 min

Lab File: VL042579.D

Acq: 29 May 2025 11:09

Instrument :

MSVOA_1

ClientSampleId :

VSTDICCC010

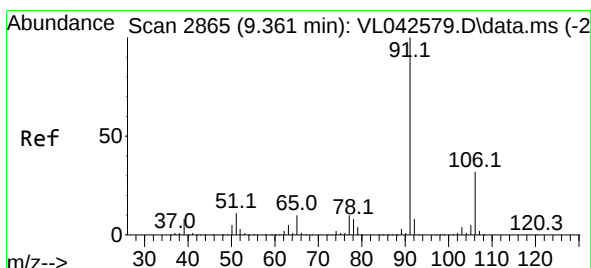
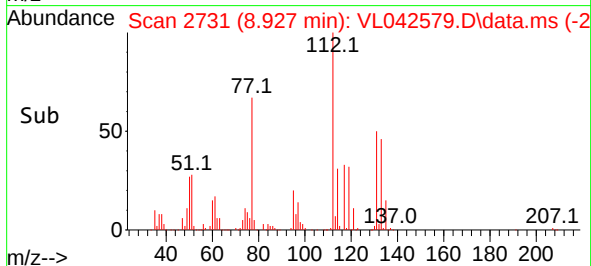
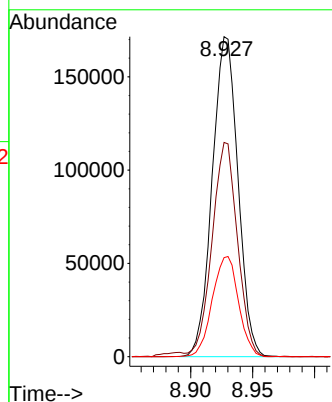
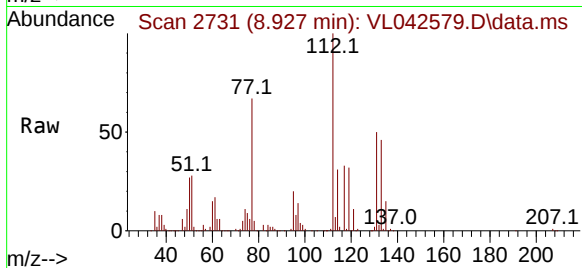
Tgt Ion:112 Resp: 248085

Ion Ratio Lower Upper

112 100

77 66.9 53.5 80.3

114 30.9 27.8 34.0



#58

Ethyl Benzene

Concen: 9.121 ppbv

RT: 9.361 min Scan# 2865

Delta R.T. 0.000 min

Lab File: VL042579.D

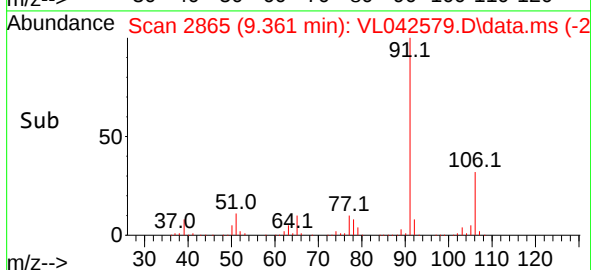
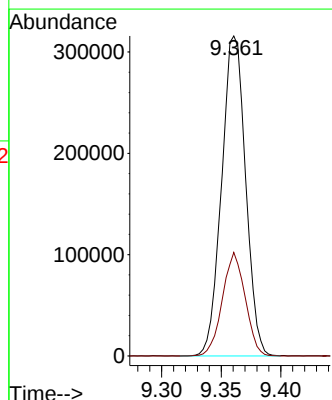
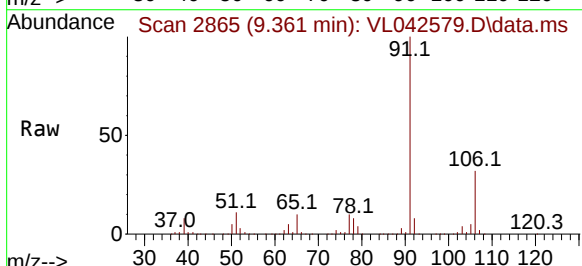
Acq: 29 May 2025 11:09

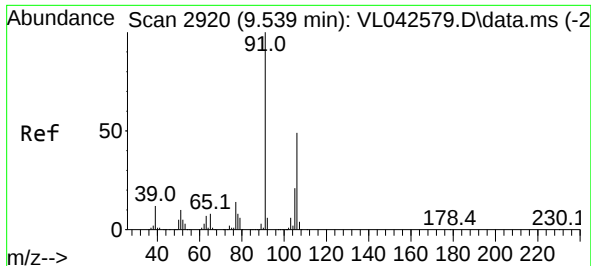
Tgt Ion: 91 Resp: 442268

Ion Ratio Lower Upper

91 100

106 32.4 25.9 38.9





#59

m/p-Xylene

Concen: 8.784 ppbv

RT: 9.539 min Scan# 2920

Delta R.T. 0.000 min

Lab File: VL042579.D

Acq: 29 May 2025 11:09

Instrument :

MSVOA_1

ClientSampleId :

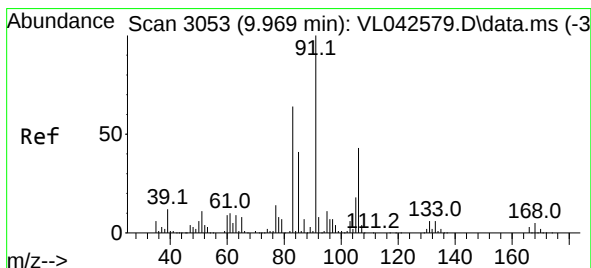
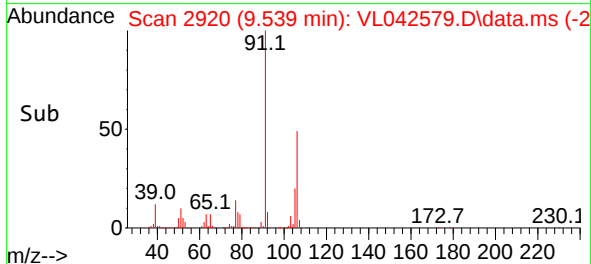
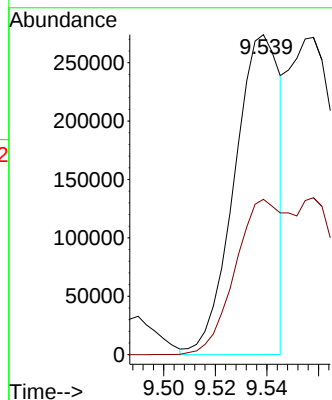
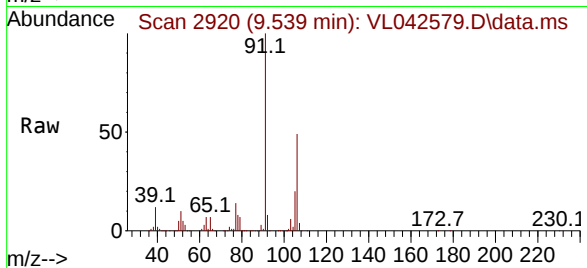
VSTDICCC010

Tgt Ion: 91 Resp: 335232

Ion Ratio Lower Upper

91 100

106 0.0 38.8 58.2#



#60

o-Xylene

Concen: 8.919 ppbv

RT: 9.969 min Scan# 3053

Delta R.T. 0.000 min

Lab File: VL042579.D

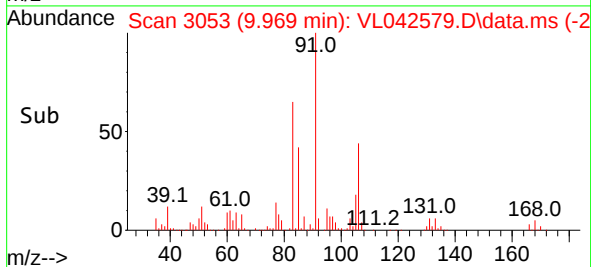
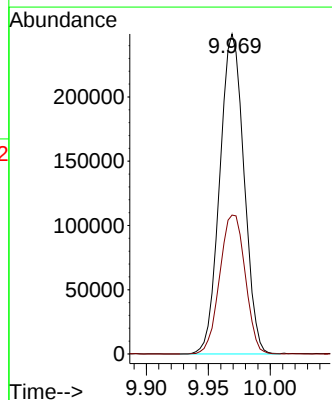
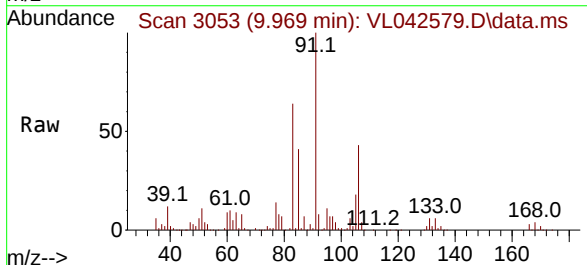
Acq: 29 May 2025 11:09

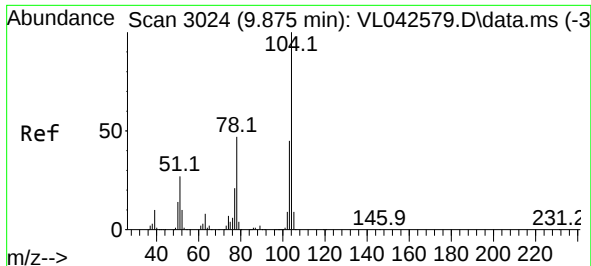
Tgt Ion: 91 Resp: 339403

Ion Ratio Lower Upper

91 100

106 45.7 22.9 68.5

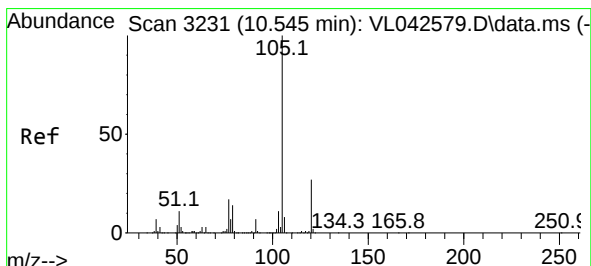
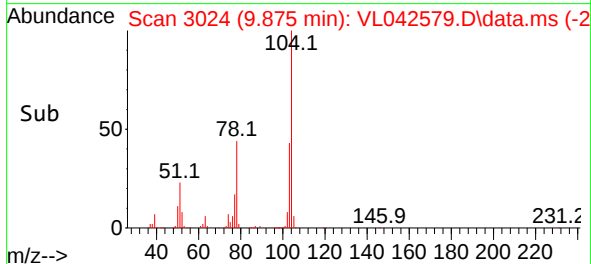
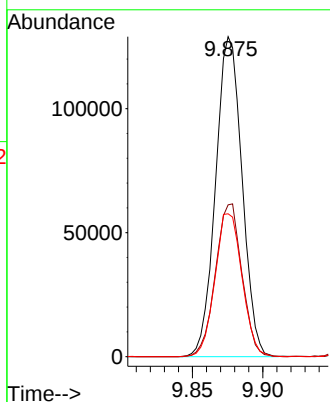
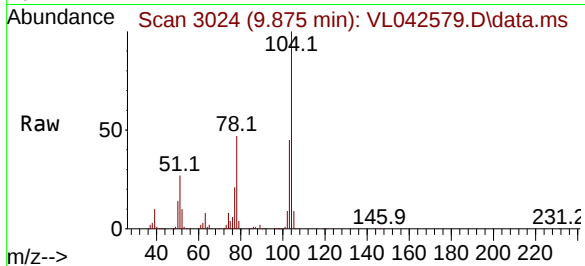




#61
Styrene
Concen: 9.374 ppbv
RT: 9.875 min Scan# 3024
Delta R.T. 0.000 min
Lab File: VL042579.D
Acq: 29 May 2025 11:09

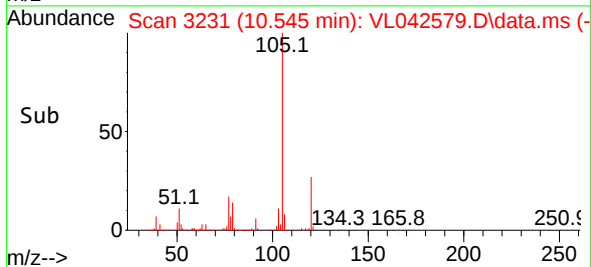
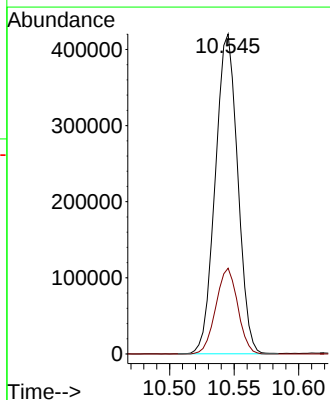
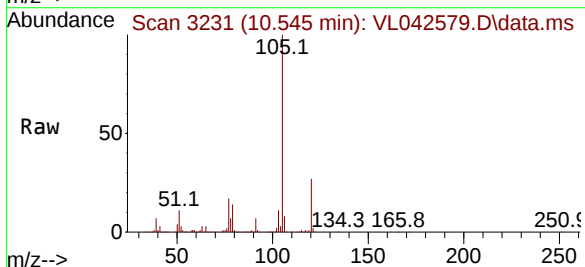
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

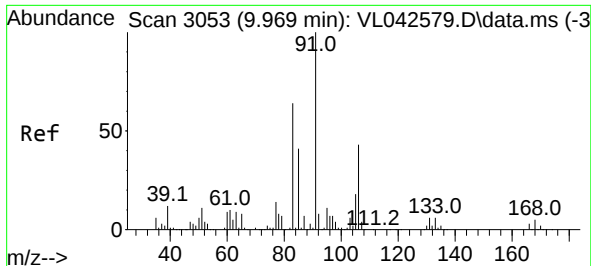
Tgt Ion:104 Resp: 168674
Ion Ratio Lower Upper
104 100
78 47.8 38.2 57.4
103 45.9 36.7 55.1



#62
Isopropylbenzene
Concen: 9.010 ppbv
RT: 10.545 min Scan# 3231
Delta R.T. 0.000 min
Lab File: VL042579.D
Acq: 29 May 2025 11:09

Tgt Ion:105 Resp: 506586
Ion Ratio Lower Upper
105 100
120 26.1 20.9 31.3

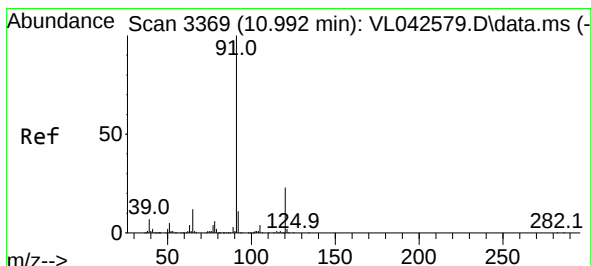
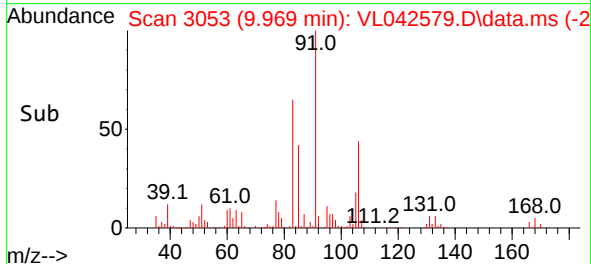
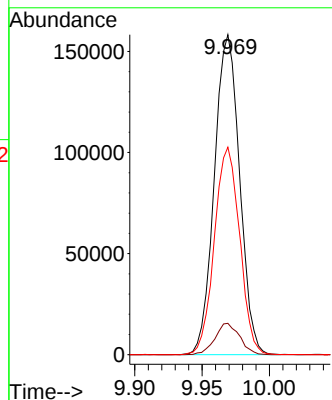
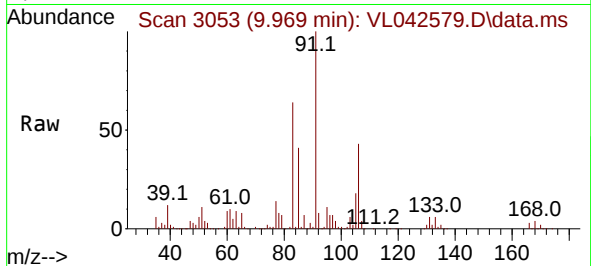




#63
 1,1,2,2-Tetrachloroethane
 Concen: 8.536 ppbv
 RT: 9.969 min Scan# 3053
 Delta R.T. 0.000 min
 Lab File: VL042579.D
 Acq: 29 May 2025 11:09

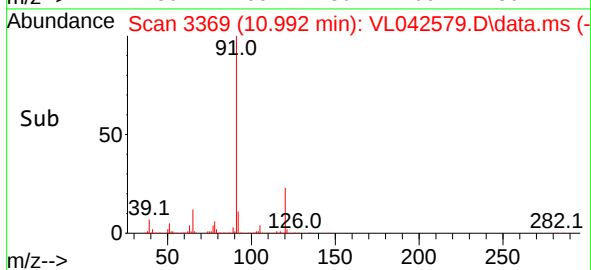
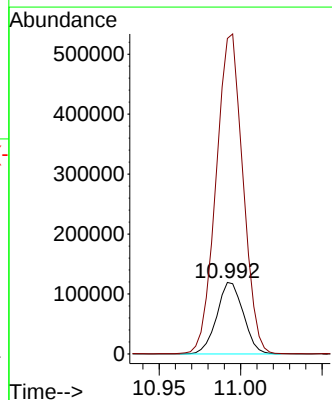
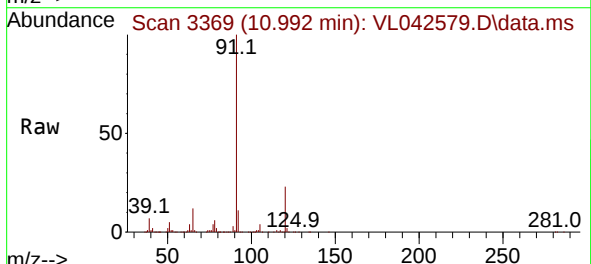
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010

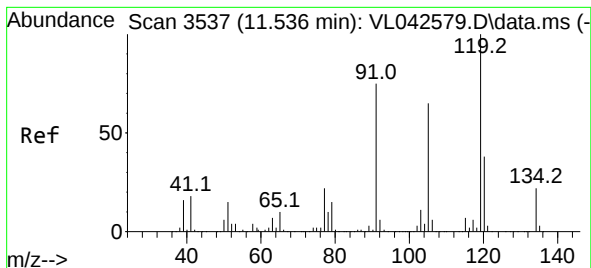
Tgt Ion: 83 Resp: 206564
 Ion Ratio Lower Upper
 83 100
 131 9.6 4.8 14.4
 85 64.9 32.5 97.4



#64
 n-propylbenzene
 Concen: 8.936 ppbv
 RT: 10.992 min Scan# 3369
 Delta R.T. 0.000 min
 Lab File: VL042579.D
 Acq: 29 May 2025 11:09

Tgt Ion: 120 Resp: 134675
 Ion Ratio Lower Upper
 120 100
 91 455.6 363.0 544.6

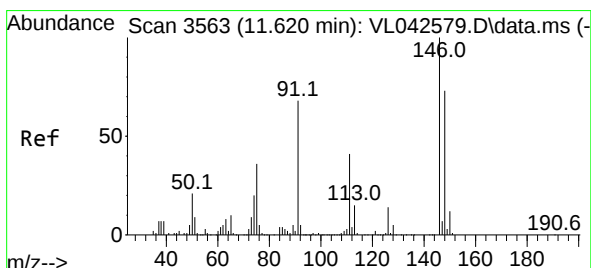
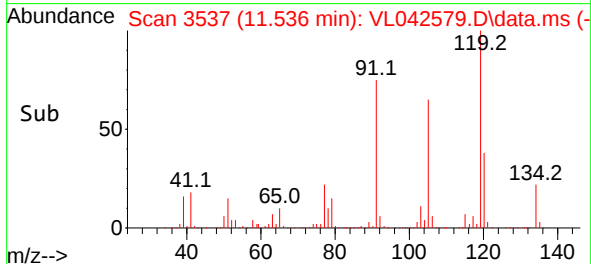
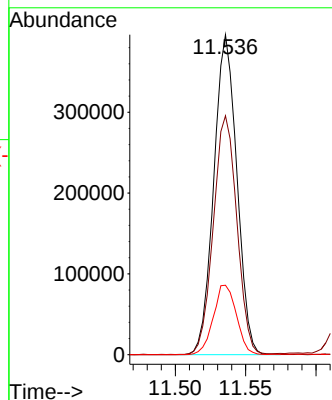
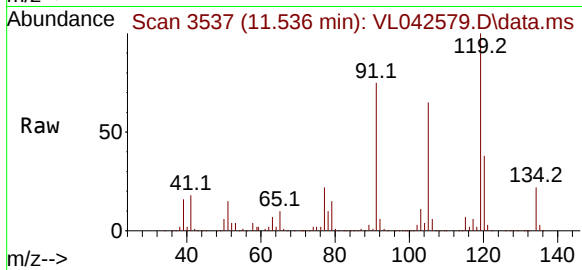




#65
tert-Butylbenzene
Concen: 8.833 ppbv
RT: 11.536 min Scan# 3537
Delta R.T. 0.000 min
Lab File: VL042579.D
Acq: 29 May 2025 11:09

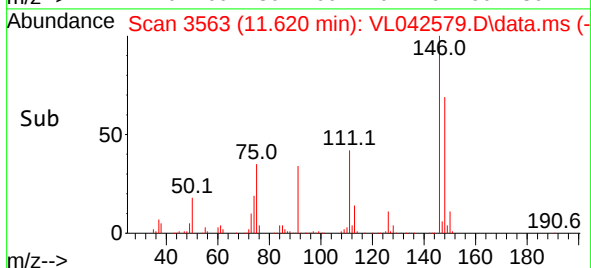
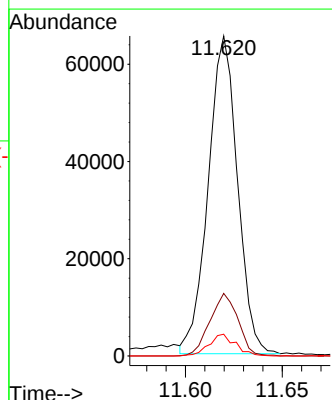
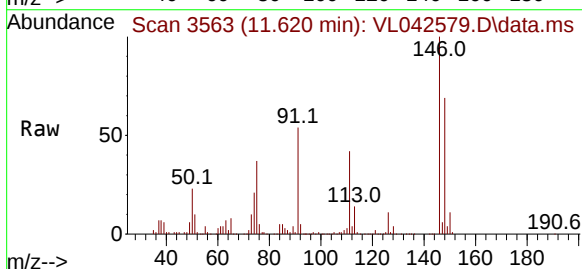
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

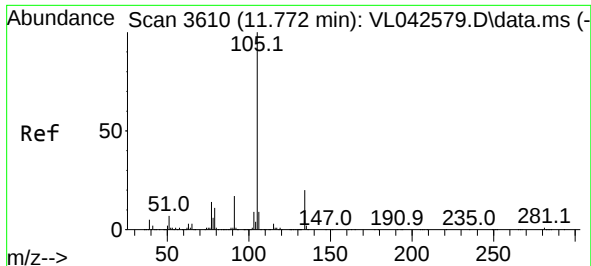
Tgt Ion:119 Resp: 450639
Ion Ratio Lower Upper
119 100
91 76.4 61.1 91.7
134 21.8 17.4 26.2



#66
Benzyl Chloride
Concen: 10.457 ppbv
RT: 11.620 min Scan# 3563
Delta R.T. 0.000 min
Lab File: VL042579.D
Acq: 29 May 2025 11:09

Tgt Ion: 91 Resp: 68801
Ion Ratio Lower Upper
91 100
126 18.9 15.1 22.7
128 6.2 5.0 7.6

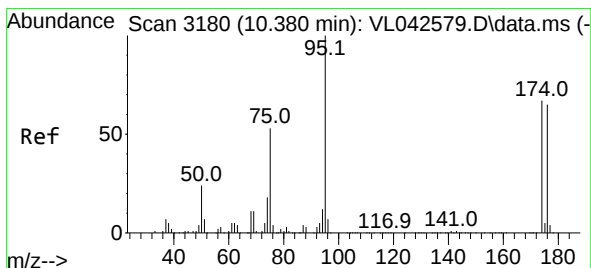
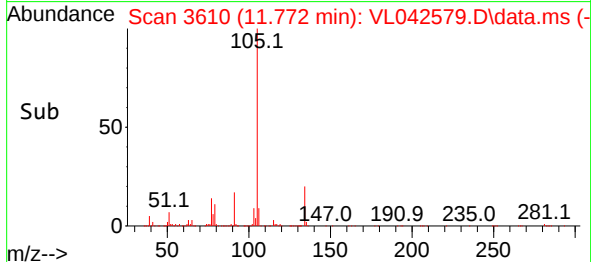
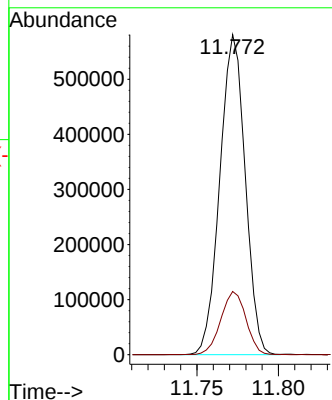
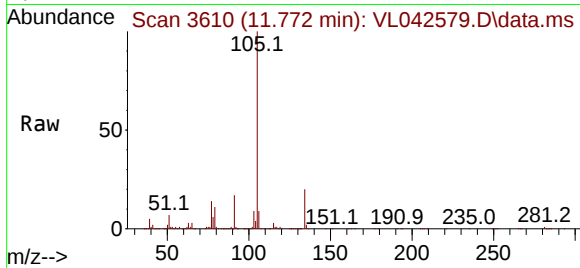




#67
 sec-Butylbenzene
 Concen: 8.749 ppbv
 RT: 11.772 min Scan# 3610
 Delta R.T. 0.000 min
 Lab File: VL042579.D
 Acq: 29 May 2025 11:09

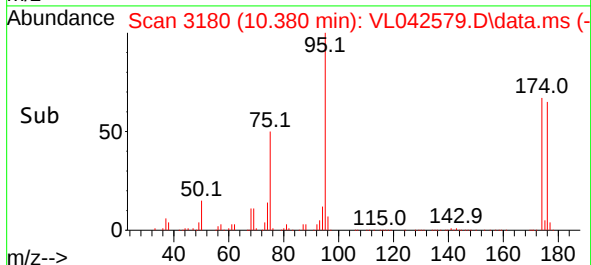
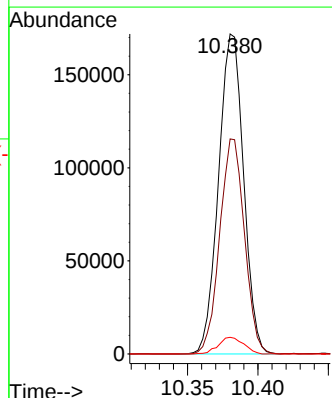
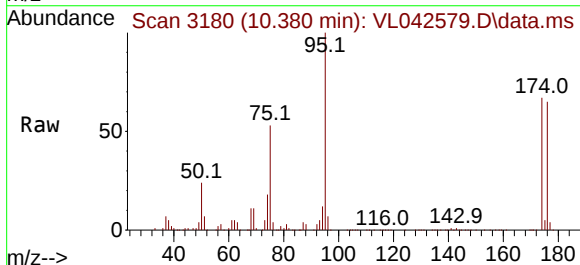
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010

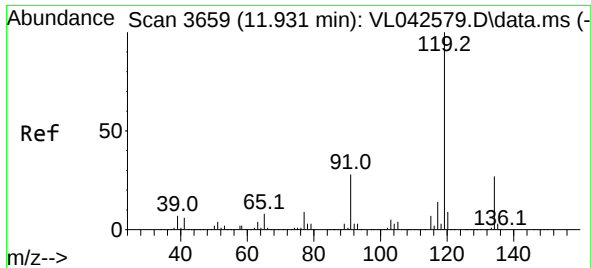
Tgt Ion:105 Resp: 627565
 Ion Ratio Lower Upper
 105 100
 134 19.7 15.8 23.6



#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.929 ppbv
 RT: 10.380 min Scan# 3180
 Delta R.T. 0.000 min
 Lab File: VL042579.D
 Acq: 29 May 2025 11:09

Tgt Ion: 95 Resp: 212758
 Ion Ratio Lower Upper
 95 100
 174 66.4 53.1 79.7
 175 5.2 4.2 6.2

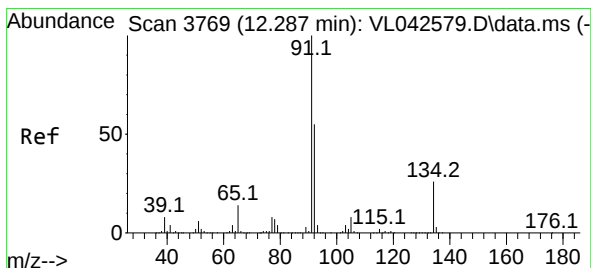
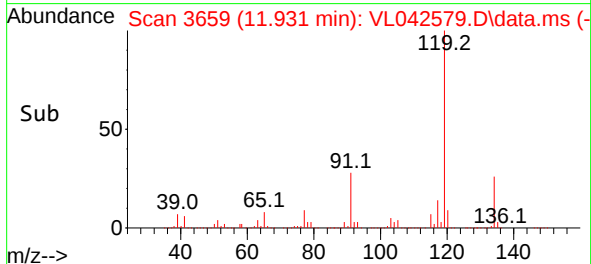
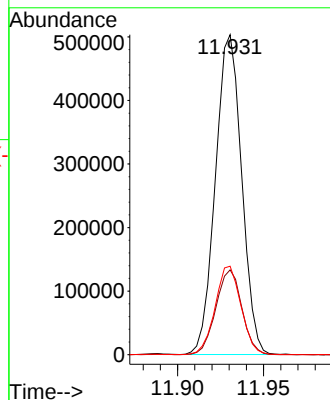
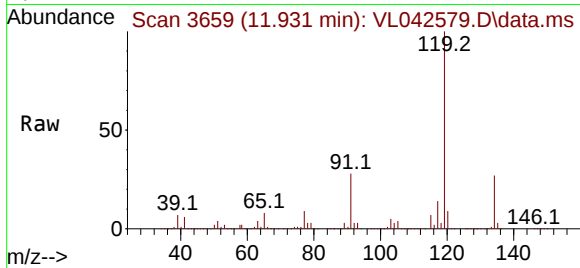




#69
p-Isopropyltoluene
Concen: 8.889 ppbv
RT: 11.931 min Scan# 3659
Delta R.T. 0.000 min
Lab File: VL042579.D
Acq: 29 May 2025 11:09

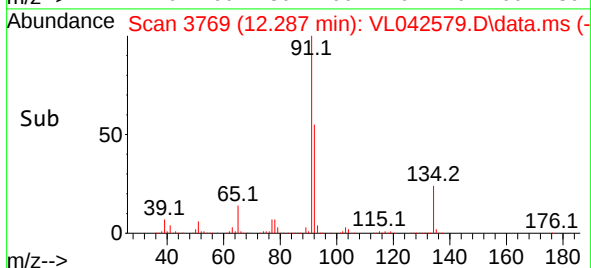
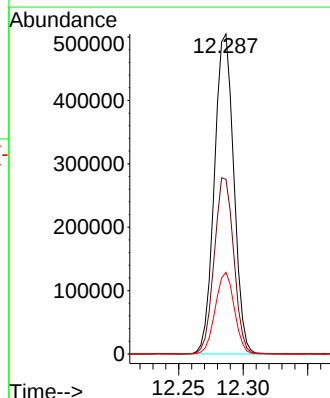
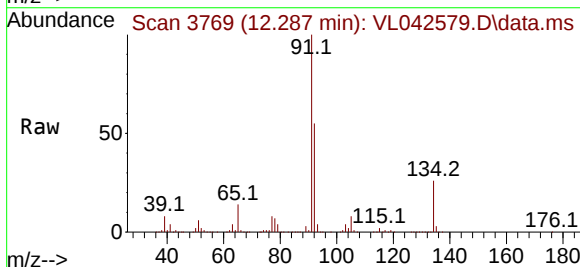
Instrument :
MSVOA_1
ClientSampleId :
VSTDICCC010

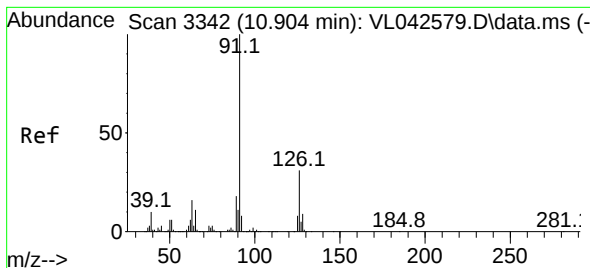
Tgt Ion:119 Resp: 533961
Ion Ratio Lower Upper
119 100
134 26.4 21.1 31.7
91 27.5 21.9 32.9



#70
n-Butylbenzene
Concen: 8.881 ppbv
RT: 12.287 min Scan# 3769
Delta R.T. 0.000 min
Lab File: VL042579.D
Acq: 29 May 2025 11:09

Tgt Ion: 91 Resp: 526566
Ion Ratio Lower Upper
91 100
92 55.5 44.4 66.6
134 25.1 20.1 30.1

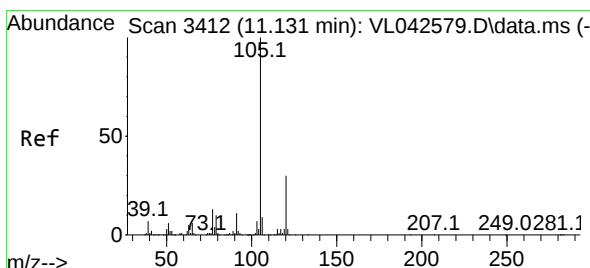
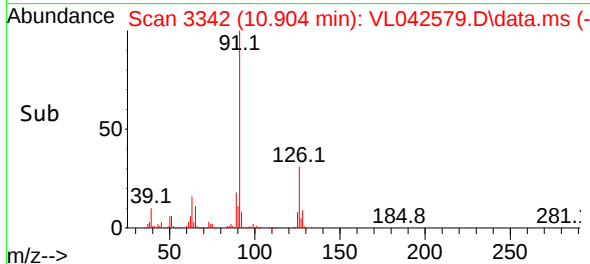
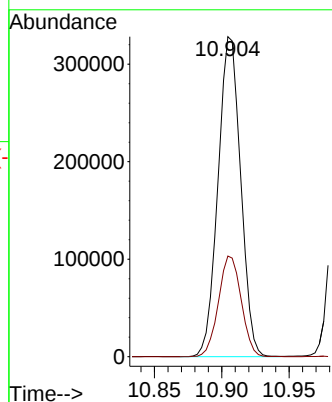
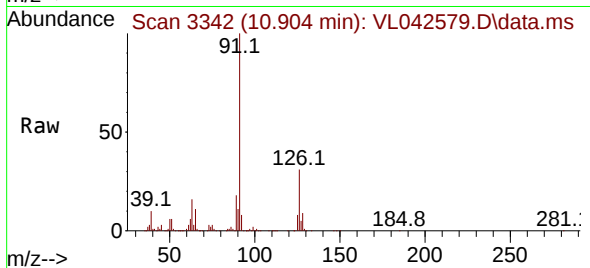




#71
2-Chlorotoluene
Concen: 8.952 ppbv
RT: 10.904 min Scan# 31
Delta R.T. 0.000 min
Lab File: VL042579.D
Acq: 29 May 2025 11:09

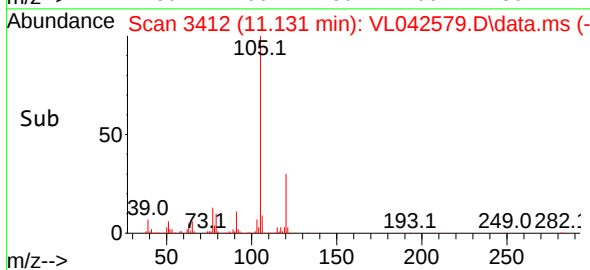
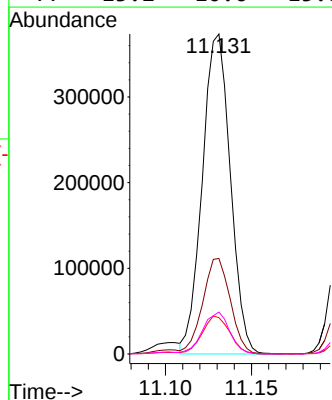
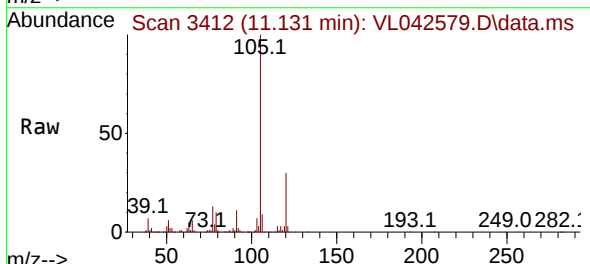
Instrument :
MSVOA_1
ClientSampleId :
VSTDICCC010

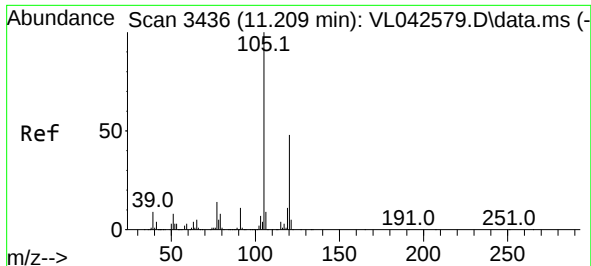
Tgt Ion: 91 Resp: 383881
Ion Ratio Lower Upper
91 100
126 31.5 12.6 50.4



#72
4-Ethyltoluene
Concen: 8.920 ppbv
RT: 11.131 min Scan# 3412
Delta R.T. 0.000 min
Lab File: VL042579.D
Acq: 29 May 2025 11:09

Tgt Ion: 105 Resp: 423227
Ion Ratio Lower Upper
105 100
120 30.7 24.6 36.8
91 12.0 9.6 14.4
77 13.2 10.6 15.8

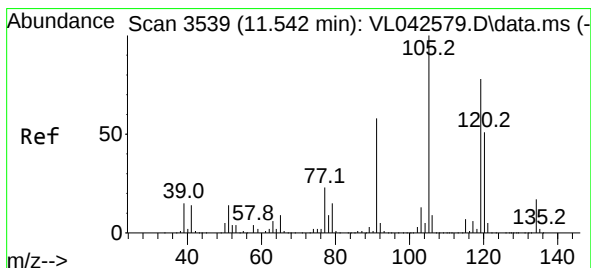
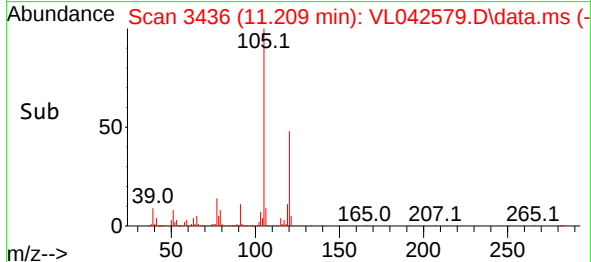
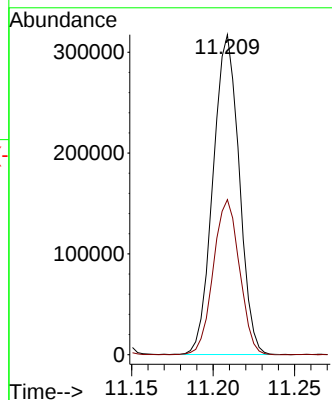
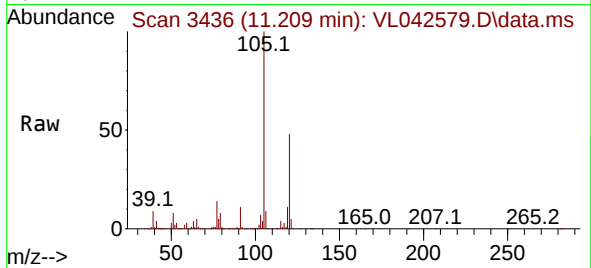




#73
1,3,5-Trimethylbenzene
Concen: 8.989 ppbv
RT: 11.209 min Scan# 3436
Delta R.T. 0.000 min
Lab File: VL042579.D
Acq: 29 May 2025 11:09

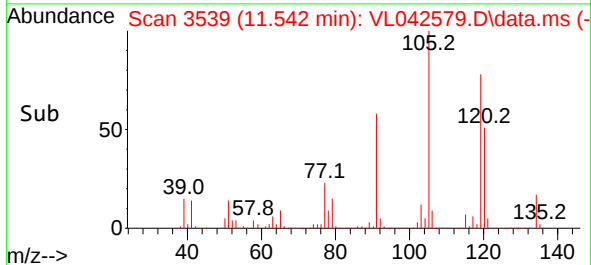
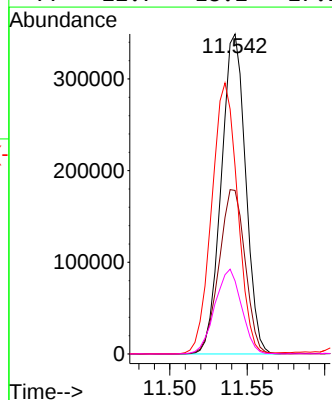
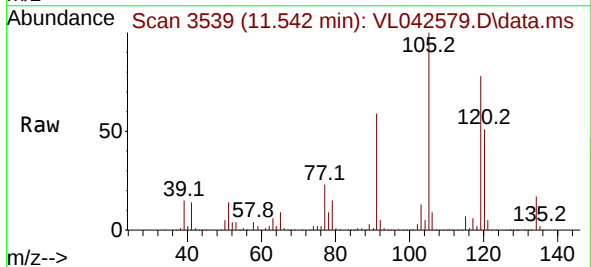
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

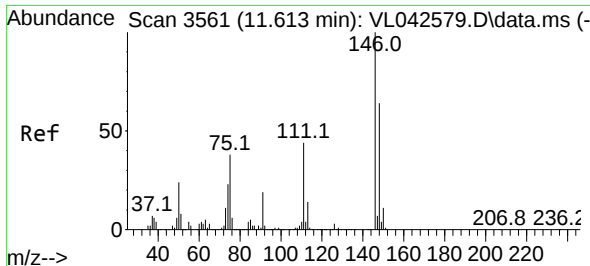
Tgt Ion:105 Resp: 352978
Ion Ratio Lower Upper
105 100
120 48.5 38.8 58.2



#74
1,2,4-Trimethylbenzene
Concen: 8.755 ppbv
RT: 11.542 min Scan# 3539
Delta R.T. 0.000 min
Lab File: VL042579.D
Acq: 29 May 2025 11:09

Tgt Ion:105 Resp: 381512
Ion Ratio Lower Upper
105 100
120 51.0 40.8 61.2
91 58.5 46.8 70.2
77 22.7 18.2 27.2

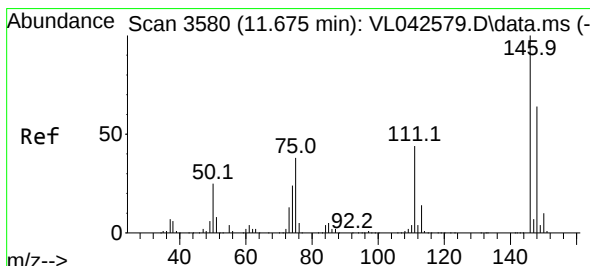
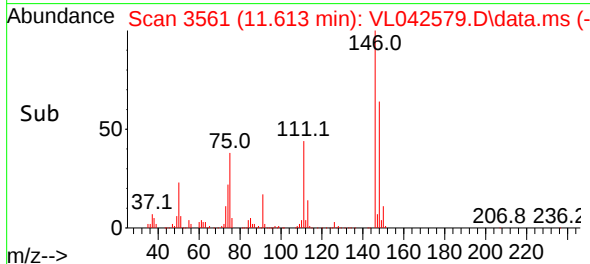
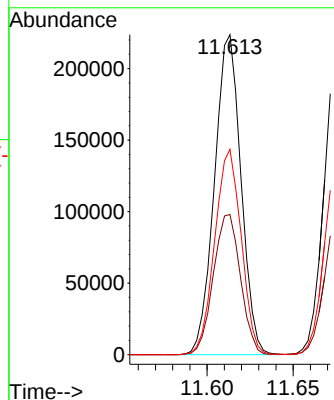
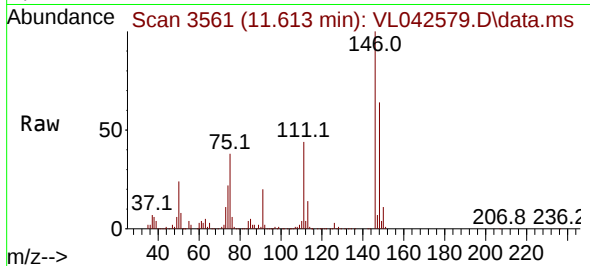




#75
1,3-Dichlorobenzene
Concen: 8.762 ppbv
RT: 11.613 min Scan# 3561
Delta R.T. 0.000 min
Lab File: VL042579.D
Acq: 29 May 2025 11:09

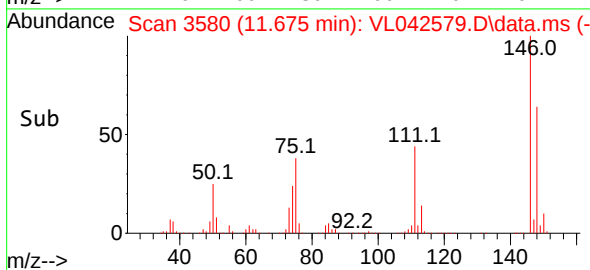
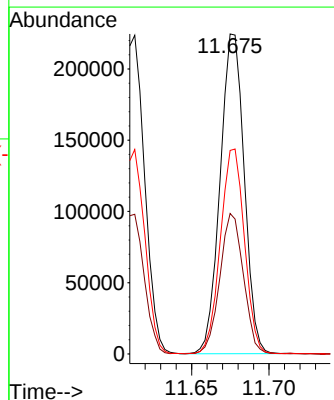
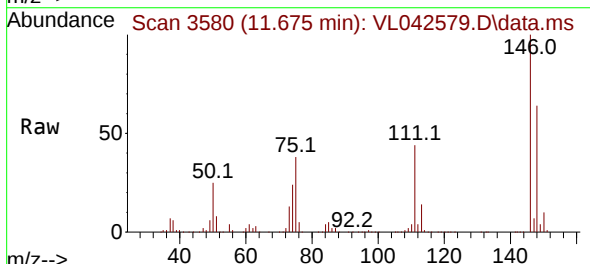
Instrument :
MSVOA_1
ClientSampleId :
VSTDICCC010

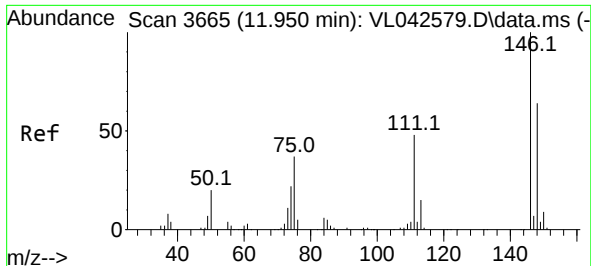
Tgt Ion:146 Resp: 239782
Ion Ratio Lower Upper
146 100
111 44.9 22.4 67.3
148 64.1 32.0 96.2



#76
1,4-Dichlorobenzene
Concen: 8.894 ppbv
RT: 11.675 min Scan# 3580
Delta R.T. 0.000 min
Lab File: VL042579.D
Acq: 29 May 2025 11:09

Tgt Ion:146 Resp: 242731
Ion Ratio Lower Upper
146 100
111 43.2 21.6 64.8
148 64.4 32.1 96.5

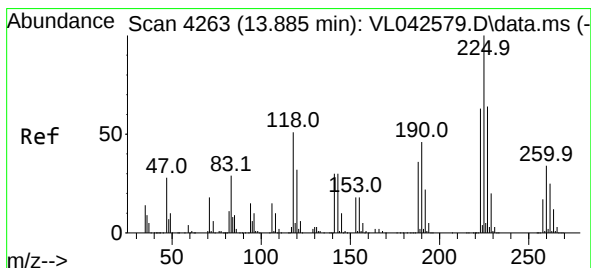
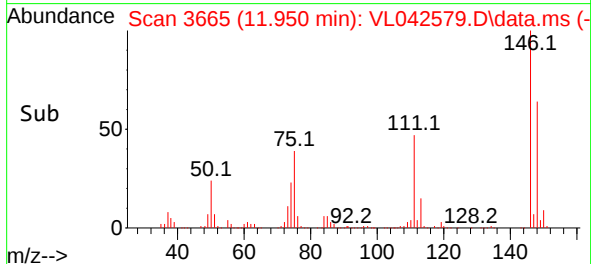
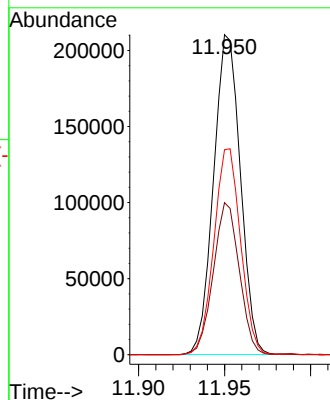
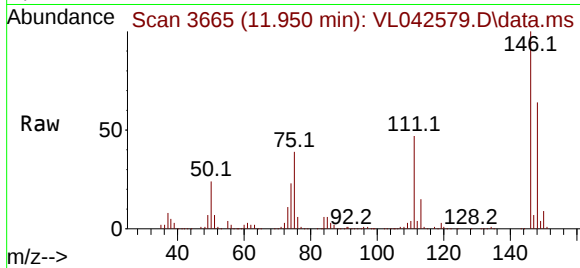




#77
1,2-Dichlorobenzene
Concen: 8.593 ppbv
RT: 11.950 min Scan# 3665
Delta R.T. 0.000 min
Lab File: VL042579.D
Acq: 29 May 2025 11:09

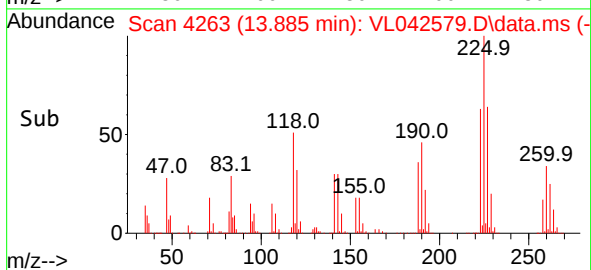
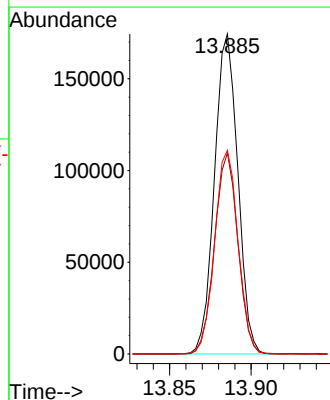
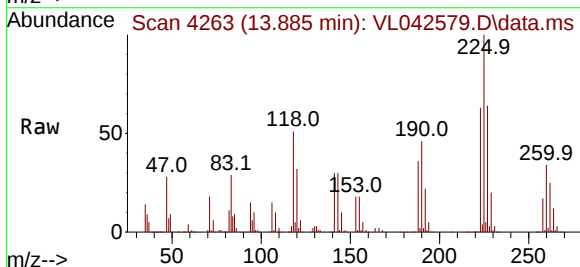
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

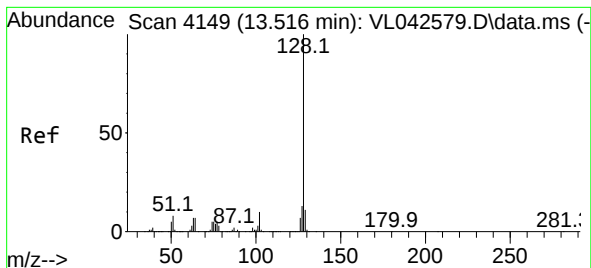
Tgt Ion:146 Resp: 228222
Ion Ratio Lower Upper
146 100
111 46.1 23.1 69.3
148 64.2 32.1 96.3



#78
Hexachloro-1,3-Butadiene
Concen: 7.893 ppbv
RT: 13.885 min Scan# 4263
Delta R.T. 0.000 min
Lab File: VL042579.D
Acq: 29 May 2025 11:09

Tgt Ion:225 Resp: 173447
Ion Ratio Lower Upper
225 100
223 62.8 50.2 75.4
227 63.9 51.1 76.7





#79

Naphthalene

Concen: 9.666 ppbv

RT: 13.516 min Scan# 4149

Delta R.T. 0.000 min

Lab File: VL042579.D

Acq: 29 May 2025 11:09

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

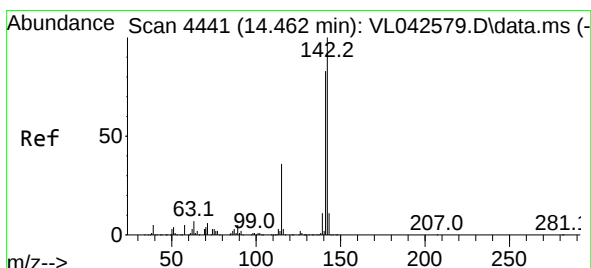
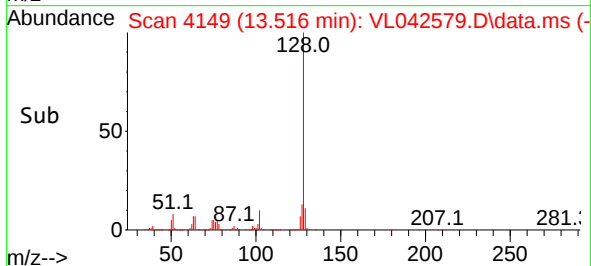
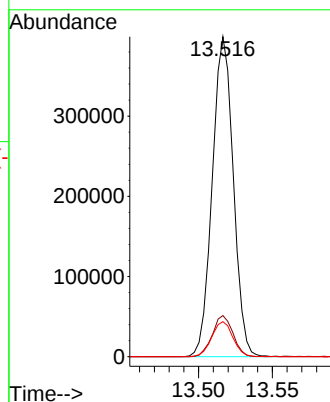
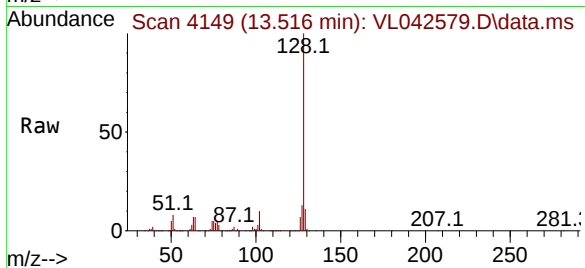
Tgt Ion:128 Resp: 395465

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.4

129 11.0 8.8 13.2



#80

Naphthalene,2-methyl-

Concen: 11.045 ppbv

RT: 14.462 min Scan# 4441

Delta R.T. 0.000 min

Lab File: VL042579.D

Acq: 29 May 2025 11:09

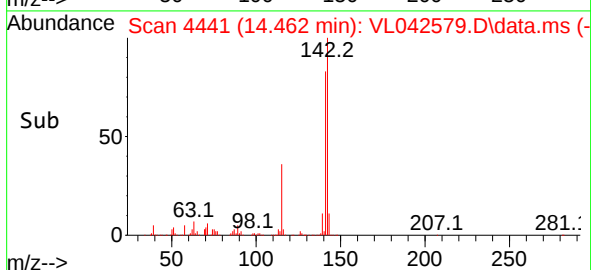
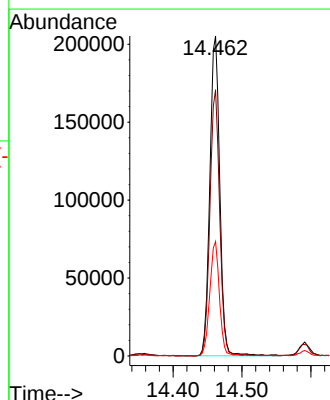
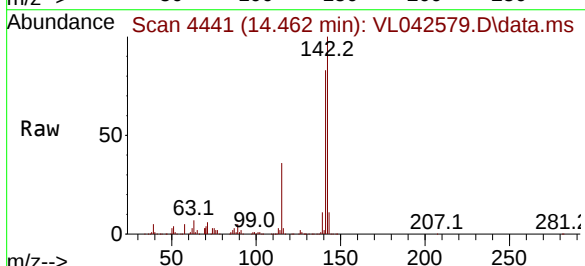
Tgt Ion:142 Resp: 204746

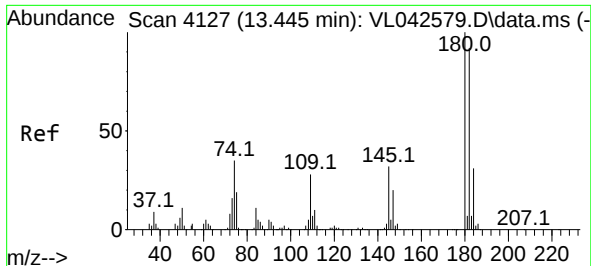
Ion Ratio Lower Upper

142 100

141 82.6 66.2 99.4

115 35.3 28.3 42.5





#81

1,2,4-Trichlorobenzene

Concen: 9.163 ppbv

RT: 13.445 min Scan# 41

Delta R.T. 0.000 min

Lab File: VL042579.D

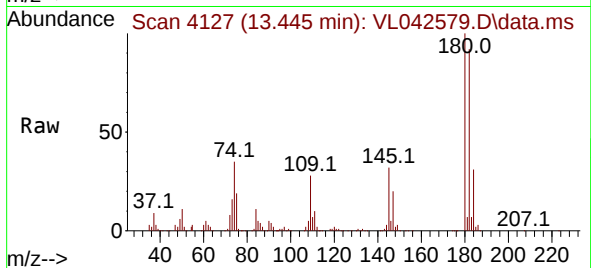
Acq: 29 May 2025 11:09

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010



Tgt Ion:180 Resp: 210120

Ion Ratio Lower Upper

180 100

182 93.7 75.0 112.4

184 30.7 24.6 36.8

