

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL052925\
 Data File : VL042584.D
 Acq On : 29 May 2025 13:51
 Operator : SY/MD
 Sample : VSTDICC0.03
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC0.03

Quant Time: May 30 01:36:36 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	103144	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.962	114	305114	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.885	117	273881	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.383	95	205981	10.033	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.300%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.499	85	367	0.029	ppbv #	65
3) Chlorodifluoromethane	1.476	51	2721	0.156	ppbv	95
4) Chloromethane	1.538	50	54	0.011	ppbv #	46
5) Vinyl Chloride	1.577	62	209	0.041	ppbv #	77
6) Bromomethane	1.667	94	77	0.031	ppbv #	77
7) Chloroethane	1.696	64	13	0.007	ppbv #	44
8) Dichlorotetrafluoroethane	1.554	85	436	0.041	ppbv #	66
9) Propene	1.036	41	83	0.012	ppbv	93
10) Heptane	4.985	43	312	0.016	ppbv #	28
11) Trichlorofluoromethane	1.877	101	523	0.044	ppbv	84
12) 1,1,2-Trichlorotrifluo...	2.140	101	201	0.022	ppbv #	33
13) Ethanol	1.797	45	178	0.227	ppbv #	39
14) Bromoethene	1.780	108	172	0.049	ppbv #	41
15) Acetone	1.839	43	1444	0.116	ppbv	99
16) 1,3-Butadiene	1.615	39	159	0.027	ppbv #	1
17) tert-Butyl alcohol	2.049	59	560	0.043	ppbv #	1
18) 1,1-Dichloroethene	2.036	96	125	0.029	ppbv	82
19) Isopropyl Alcohol	1.887	45	503	0.068	ppbv #	68
20) Methylene Chloride	2.062	84	848	0.207	ppbv #	86
21) Allyl Chloride	2.098	41	304	0.035	ppbv #	1
22) trans-1,2-Dichloroethene	2.350	96	58	0.012	ppbv	87
23) Vinyl Acetate	2.467	43	1120	0.067	ppbv #	1
24) 1,1-Dichloroethane	2.415	63	424	0.043	ppbv #	88
25) Ethyl Acetate	2.839	43	380	0.011	ppbv #	75
26) Hexane	2.832	57	172	0.011	ppbv #	1
27) Carbon Disulfide	2.153	76	340	0.029	ppbv #	1
28) Methyl tert-Butyl Ether	2.450	73	116	0.019	ppbv #	1
29) Chloroform	2.849	83	577	0.029	ppbv	92
30) Cyclohexane	3.862	84	220	0.017	ppbv #	1
31) cis-1,2-Dichloroethene	2.722	61	424	0.030	ppbv #	70
32) 1,1,1-Trichloroethane	3.366	97	255	0.013	ppbv #	1
34) 2-Butanone	2.564	43	1204	0.055	ppbv #	86
35) Carbon Tetrachloride	3.764	117	442	0.022	ppbv #	78
36) Benzene	3.664	78	641	0.021	ppbv #	76
37) 1,2-Dichloroethane	3.217	62	253	0.017	ppbv #	78
38) Trichloroethene	4.551	130	77	0.006	ppbv #	40
39) 1,2-Dichloropropane	3.962	63	72547	6.532	ppbv #	22
40) 1,4-Dioxane	4.619	88	25	0.005	ppbv #	1
41) Tetrahydrofuran	3.065	42	84	0.007	ppbv #	39
42) Bromodichloromethane	4.499	83	434	0.020	ppbv #	67
43) Methyl Methacrylate	4.888	69	182	0.016	ppbv #	30
44) 2,2,4-Trimethylpentane	4.648	57	596	0.012	ppbv #	42
45) t-1,3-Dichloropropene	6.422	75	196	0.015	ppbv	91

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL052925\
 Data File : VL042584.D
 Acq On : 29 May 2025 13:51
 Operator : SY/MD
 Sample : VSTDICC0.03
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

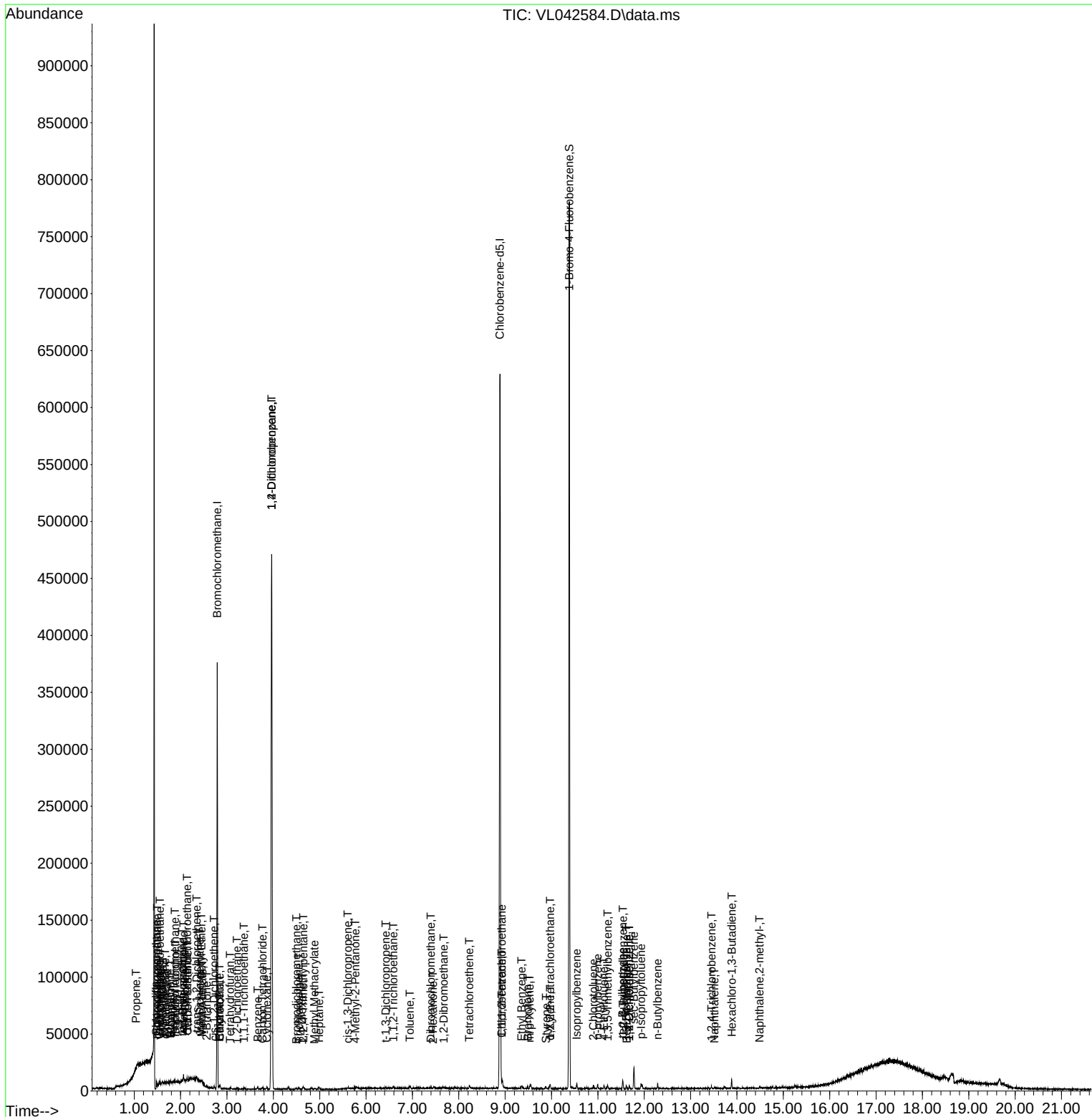
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC0.03

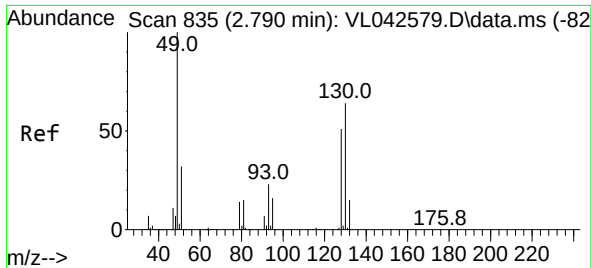
Quant Time: May 30 01:36:36 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL052925AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri May 30 01:15:52 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	5.606	75	139	0.008	ppbv #	67
47) 1,1,2-Trichloroethane	6.587	97	192	0.017	ppbv #	73
48) Dibromochloromethane	7.396	129	318	0.017	ppbv #	34
49) Bromoform	9.487	173	353	0.022	ppbv #	58
50) 4-Methyl-2-Pentanone	5.768	43	81	0.003	ppbv #	39
51) 2-Hexanone	7.441	43	78	0.003	ppbv #	28
52) Tetrachloroethene	8.228	164	227	0.020	ppbv #	28
53) Toluene	6.946	91	372	0.011	ppbv #	1
54) 1,2-Dibromoethane	7.678	107	104	0.006	ppbv	99
56) 1,1,1,2-Tetrachloroethane	8.927	131	451	0.033	ppbv #	23
57) Chlorobenzene	8.927	112	585	0.022	ppbv #	90
58) Ethyl Benzene	9.354	91	866	0.019	ppbv	89
59) m/p-Xylene	9.529	91	382	0.010	ppbv #	29
60) o-Xylene	9.972	91	1125	0.031	ppbv	93
61) Styrene	9.885	104	201	0.012	ppbv #	6
62) Isopropylbenzene	10.542	105	1842	0.034	ppbv #	86
63) 1,1,2,2-Tetrachloroethane	9.969	83	866	0.037	ppbv #	82
64) n-propylbenzene	10.998	120	391	0.027	ppbv	74
65) tert-Butylbenzene	11.529	119	1766	0.036	ppbv	87
66) Benzyl Chloride	11.626	91	93	0.015	ppbv #	64
67) sec-Butylbenzene	11.775	105	2082	0.030	ppbv #	78
69) p-Isopropyltoluene	11.931	119	1598	0.028	ppbv	96
70) n-Butylbenzene	12.287	91	1095	0.019	ppbv #	79
71) 2-Chlorotoluene	10.901	91	827	0.020	ppbv #	43
72) 4-Ethyltoluene	11.131	105	1671	0.037	ppbv #	84
73) 1,3,5-Trimethylbenzene	11.212	105	1177	0.031	ppbv	89
74) 1,2,4-Trimethylbenzene	11.542	105	1387	0.033	ppbv	96
75) 1,3-Dichlorobenzene	11.613	146	843	0.032	ppbv	90
76) 1,4-Dichlorobenzene	11.678	146	538	0.021	ppbv	70
77) 1,2-Dichlorobenzene	11.678	146	538	0.021	ppbv	72
78) Hexachloro-1,3-Butadiene	13.889	225	756	0.036	ppbv #	84
79) Naphthalene	13.513	128	214	0.005	ppbv #	69
80) Naphthalene,2-methyl-	14.487	142	210	0.012	ppbv #	62
81) 1,2,4-Trichlorobenzene	13.448	180	350	0.016	ppbv #	93

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

Quant Time: May 30 01:36:36 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

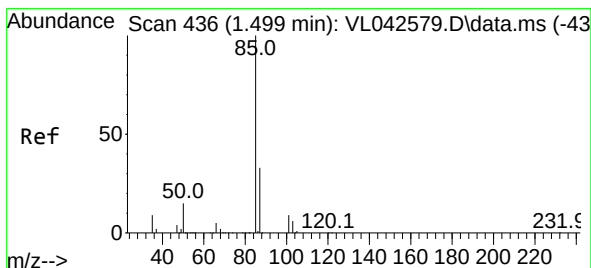
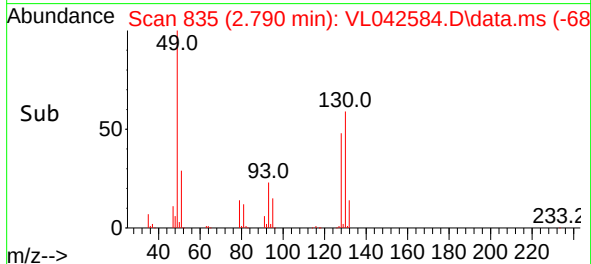
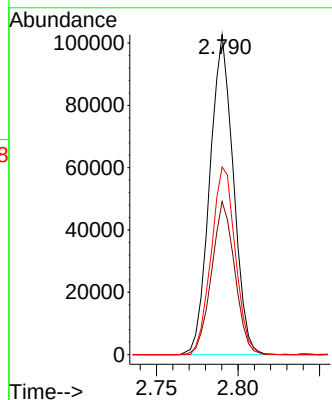
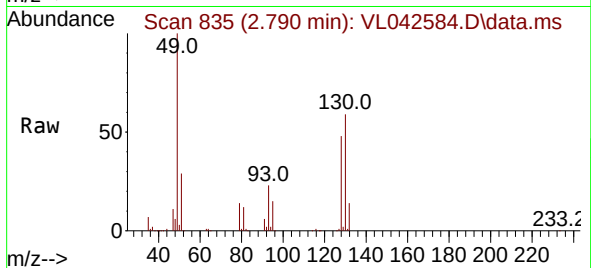




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.790 min Scan# 835
Delta R.T. 0.000 min
Lab File: VL042584.D
Acq: 29 May 2025 13:51

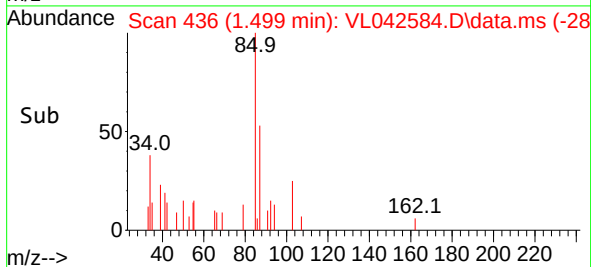
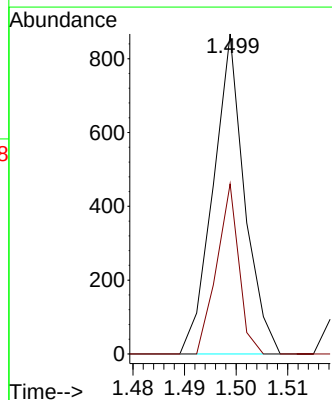
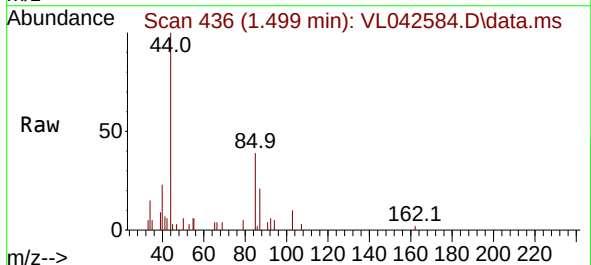
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.03

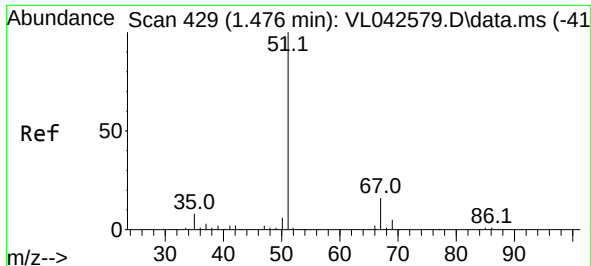
Tgt Ion: 49 Resp: 103144
Ion Ratio Lower Upper
49 100
128 47.0 24.2 72.6
130 60.0 30.4 91.2



#2
Dichlorodifluoromethane
Concen: 0.029 ppbv
RT: 1.499 min Scan# 436
Delta R.T. 0.000 min
Lab File: VL042584.D
Acq: 29 May 2025 13:51

Tgt Ion: 85 Resp: 367
Ion Ratio Lower Upper
85 100
87 53.2 26.6 39.8

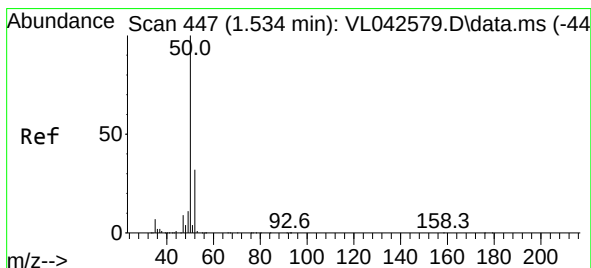
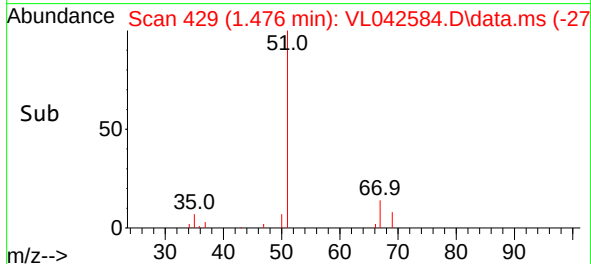
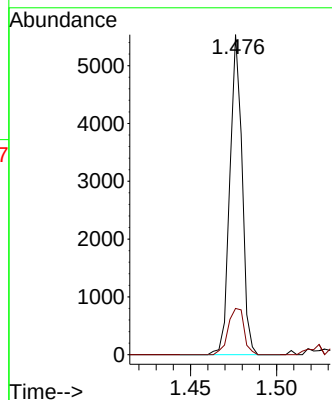
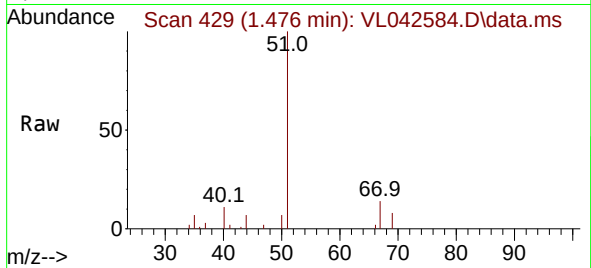




#3
Chlorodifluoromethane
Concen: 0.156 ppbv
RT: 1.476 min Scan# 41
Delta R.T. 0.000 min
Lab File: VL042584.D
Acq: 29 May 2025 13:51

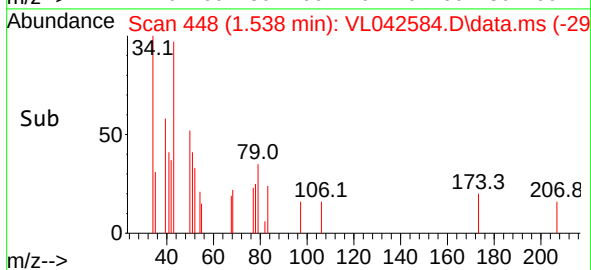
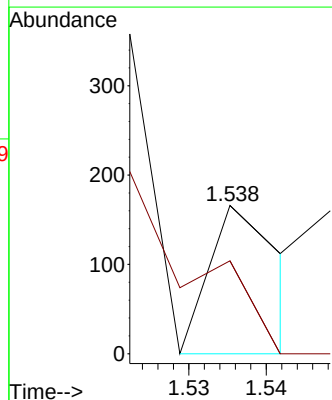
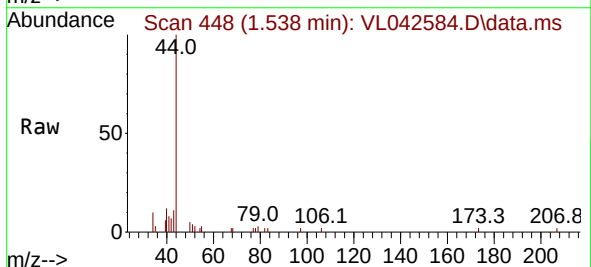
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.03

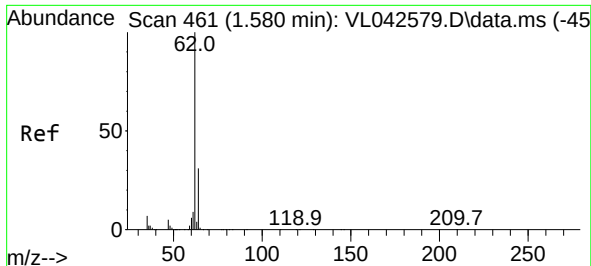
Tgt Ion: 51 Resp: 2721
Ion Ratio Lower Upper
51 100
67 18.9 13.4 20.2



#4
Chloromethane
Concen: 0.011 ppbv
RT: 1.538 min Scan# 448
Delta R.T. 0.003 min
Lab File: VL042584.D
Acq: 29 May 2025 13:51

Tgt Ion: 50 Resp: 54
Ion Ratio Lower Upper
50 100
52 62.7 25.8 38.6#

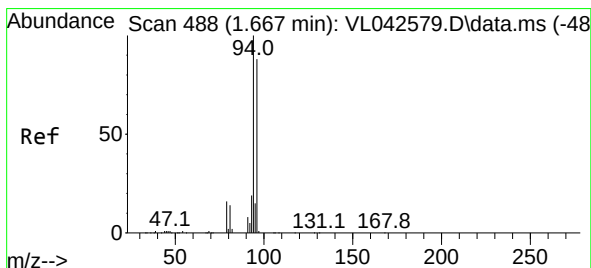
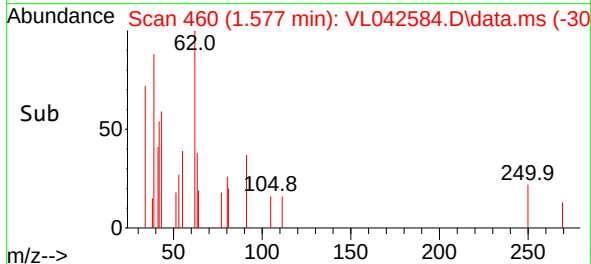
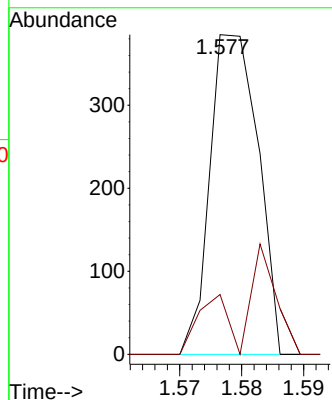
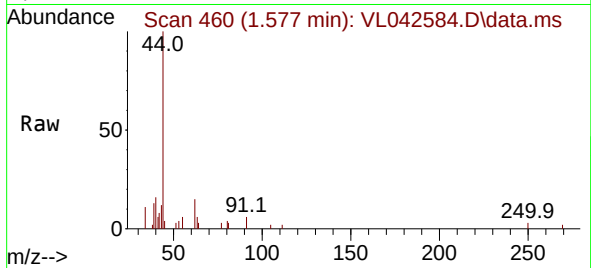




#5
 Vinyl Chloride
 Concen: 0.041 ppbv
 RT: 1.577 min Scan# 460
 Delta R.T. -0.003 min
 Lab File: VL042584.D
 Acq: 29 May 2025 13:51

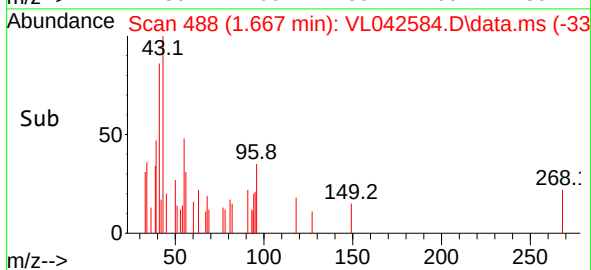
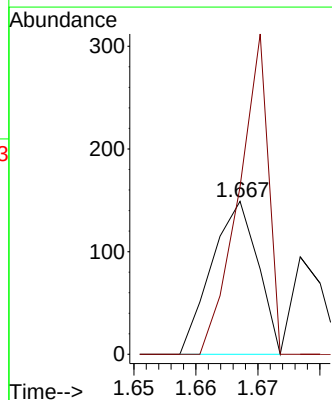
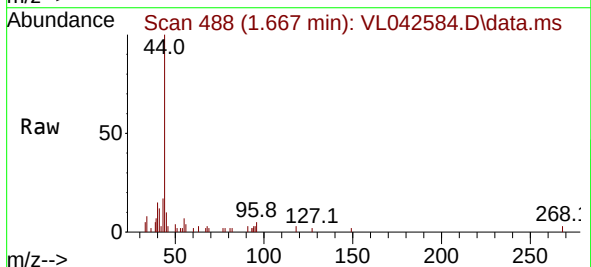
Instrument :
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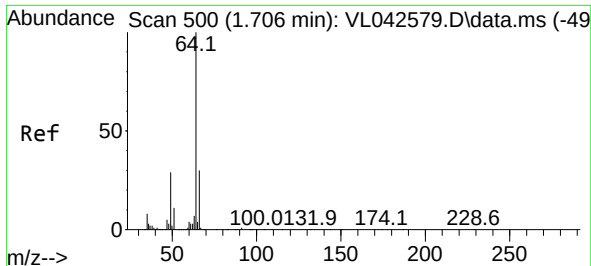
Tgt Ion: 62 Resp: 209
 Ion Ratio Lower Upper
 62 100
 64 18.7 24.9 37.3#



#6
 Bromomethane
 Concen: 0.031 ppbv
 RT: 1.667 min Scan# 488
 Delta R.T. 0.000 min
 Lab File: VL042584.D
 Acq: 29 May 2025 13:51

Tgt Ion: 94 Resp: 77
 Ion Ratio Lower Upper
 94 100
 96 109.4 70.7 106.1#

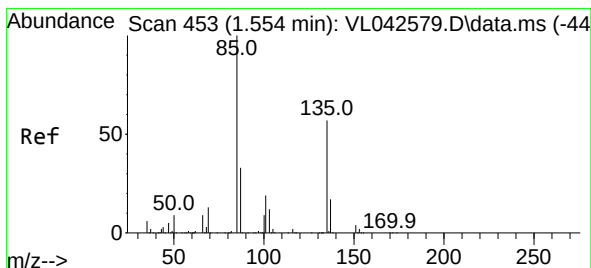
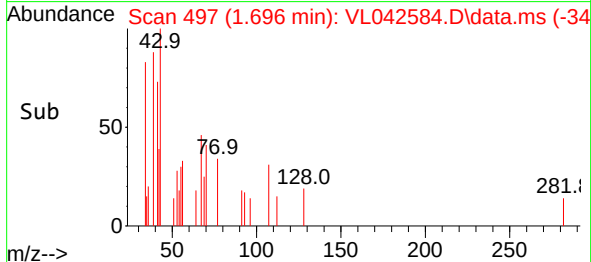
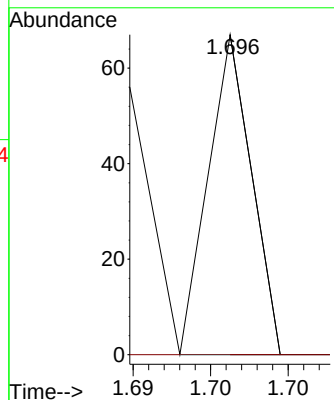
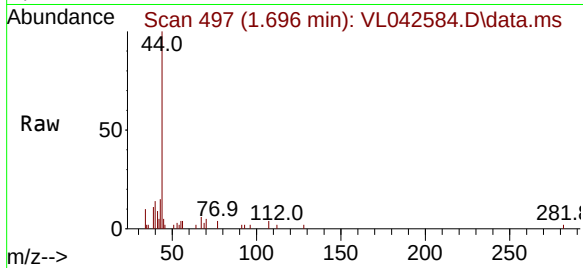




#7
Chloroethane
Concen: 0.007 ppbv
RT: 1.696 min Scan# 497
Delta R.T. -0.010 min
Lab File: VL042584.D
Acq: 29 May 2025 13:51

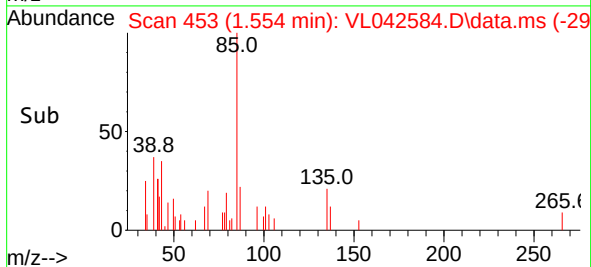
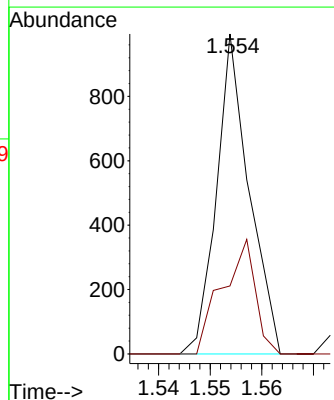
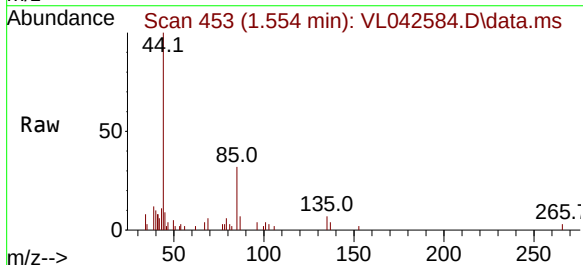
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ClientSampleId :
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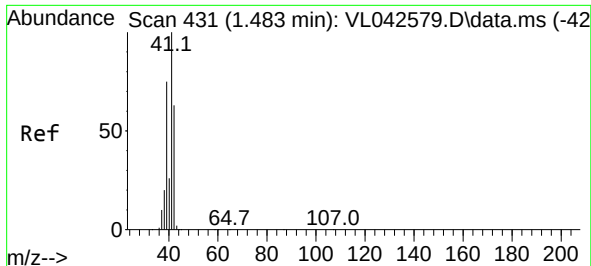
Tgt Ion: 64 Resp: 13
Ion Ratio Lower Upper
64 100
66 0.0 24.3 36.5#



#8
Dichlorotetrafluoroethane
Concen: 0.041 ppbv
RT: 1.554 min Scan# 453
Delta R.T. 0.000 min
Lab File: VL042584.D
Acq: 29 May 2025 13:51

Tgt Ion: 85 Resp: 436
Ion Ratio Lower Upper
85 100
135 36.5 50.2 75.4#

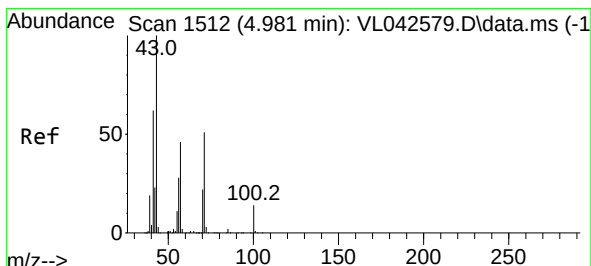
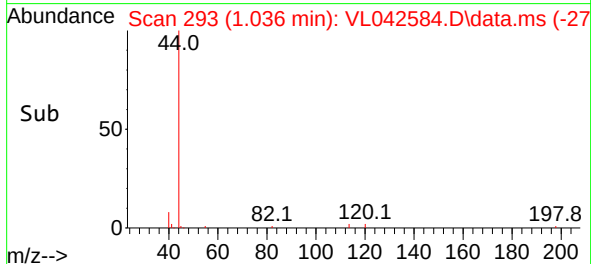
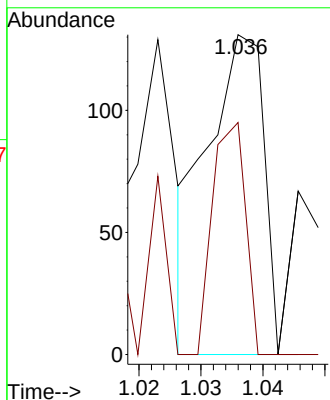
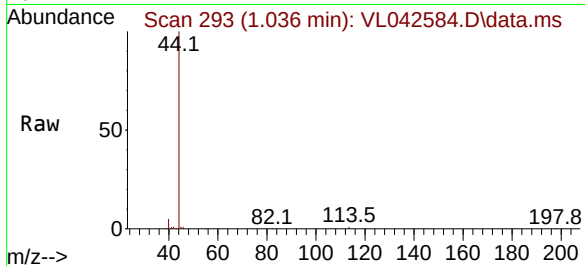




#9
Propene
Concen: 0.012 ppbv
RT: 1.036 min Scan# 29
Delta R.T. -0.447 min
Lab File: VL042584.D
Acq: 29 May 2025 13:51

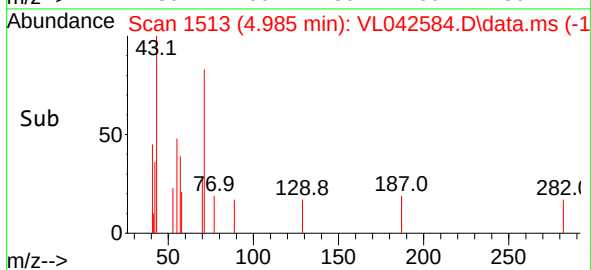
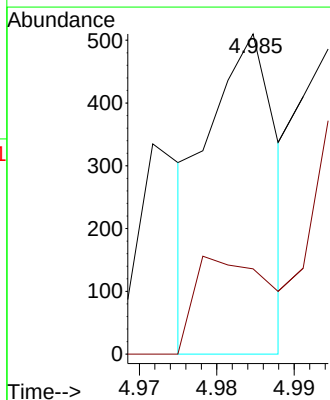
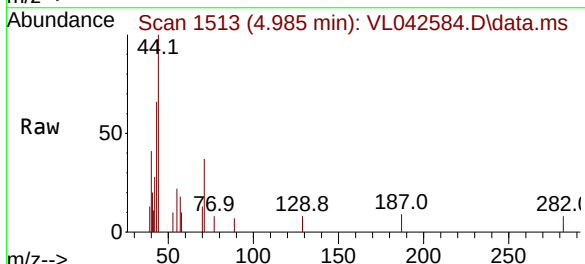
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.03

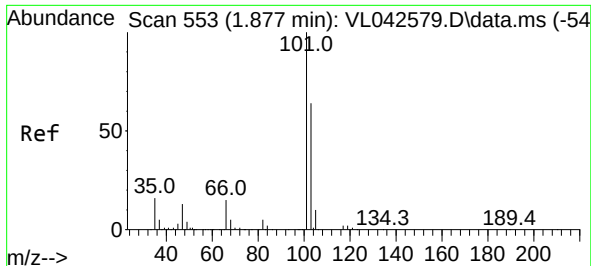
Tgt Ion: 41 Resp: 83
Ion Ratio Lower Upper
41 100
42 72.3 53.3 79.9



#10
Heptane
Concen: 0.016 ppbv
RT: 4.985 min Scan# 1513
Delta R.T. 0.003 min
Lab File: VL042584.D
Acq: 29 May 2025 13:51

Tgt Ion: 43 Resp: 312
Ion Ratio Lower Upper
43 100
57 0.0 38.9 58.3#

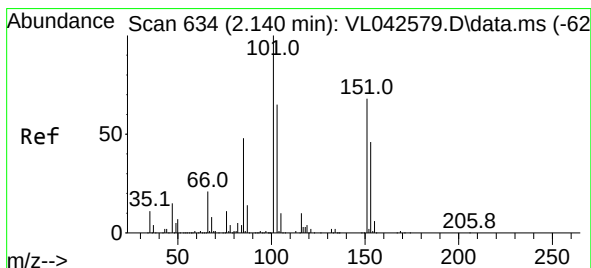
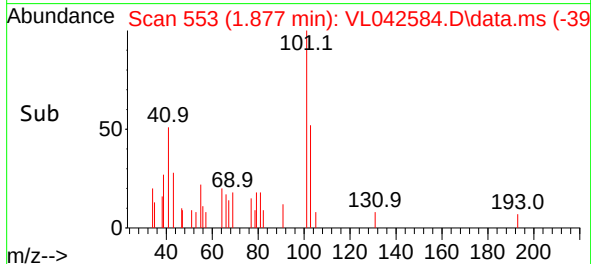
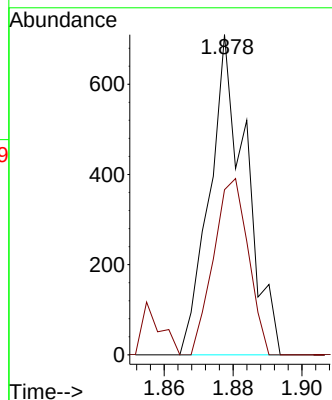
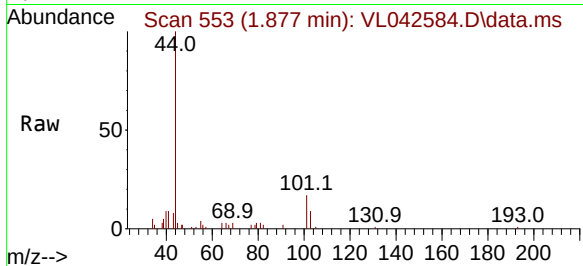




#11
 Trichlorofluoromethane
 Concen: 0.044 ppbv
 RT: 1.877 min Scan# 511
 Delta R.T. 0.000 min
 Lab File: VL042584.D
 Acq: 29 May 2025 13:51

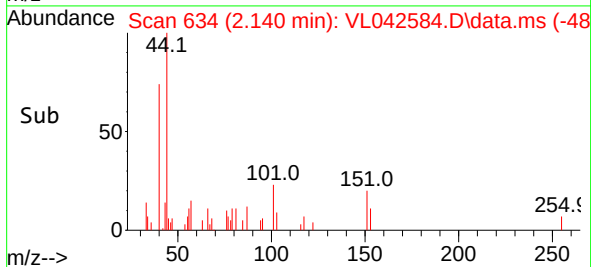
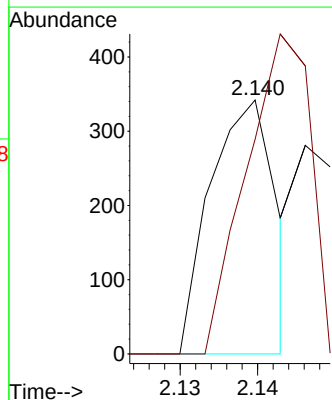
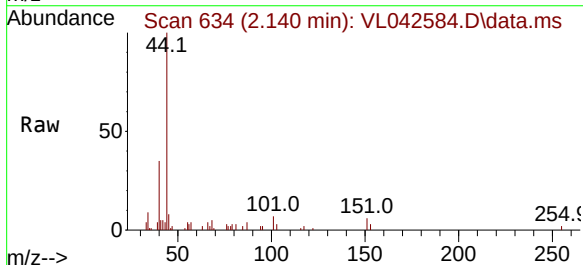
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.03

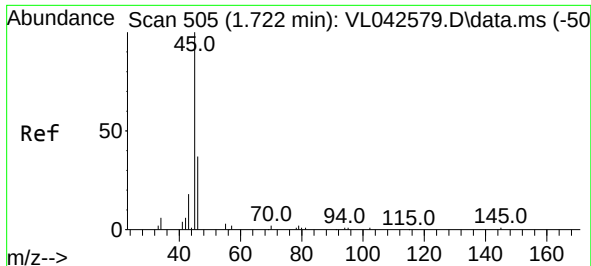
Tgt Ion:101 Resp: 523
 Ion Ratio Lower Upper
 101 100
 103 51.5 51.5 77.3



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.022 ppbv
 RT: 2.140 min Scan# 634
 Delta R.T. 0.000 min
 Lab File: VL042584.D
 Acq: 29 May 2025 13:51

Tgt Ion:101 Resp: 201
 Ion Ratio Lower Upper
 101 100
 151 123.4 55.3 82.9#

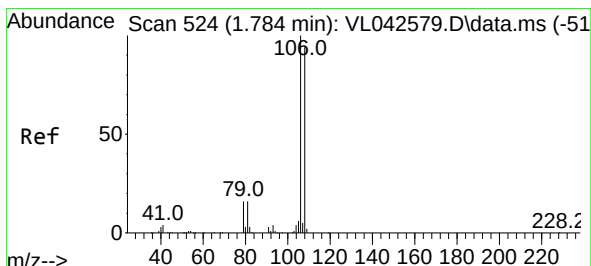
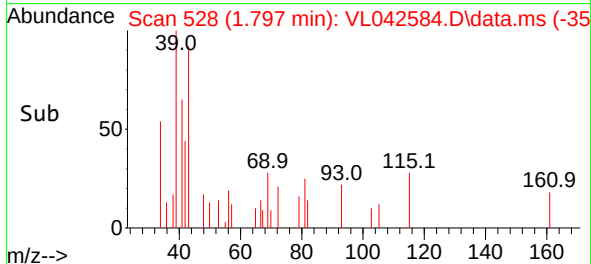
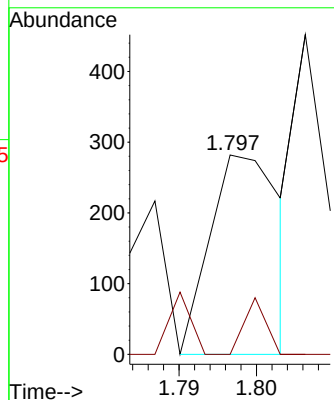
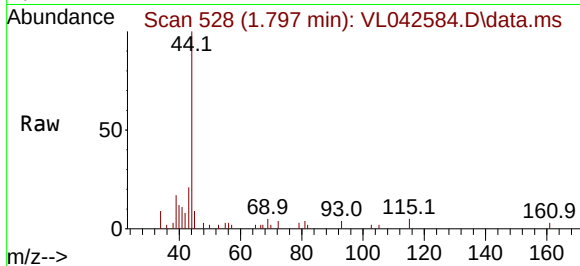




#13
 Ethanol
 Concen: 0.227 ppbv
 RT: 1.797 min Scan# 51
 Delta R.T. 0.074 min
 Lab File: VL042584.D
 Acq: 29 May 2025 13:51

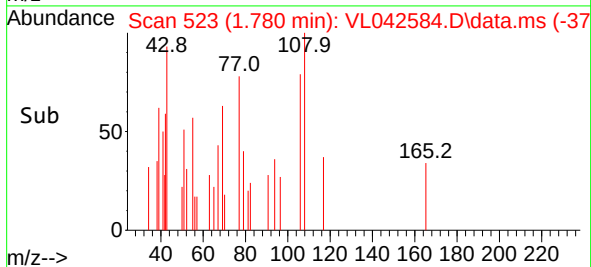
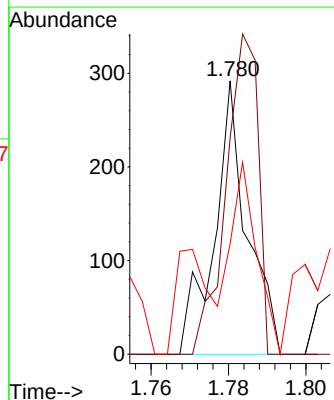
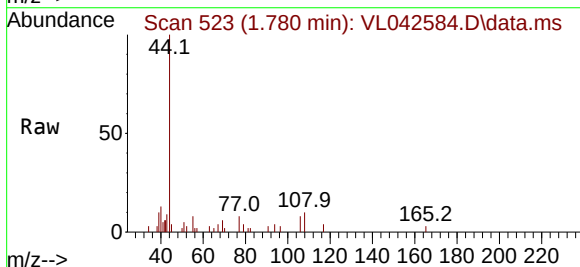
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.03

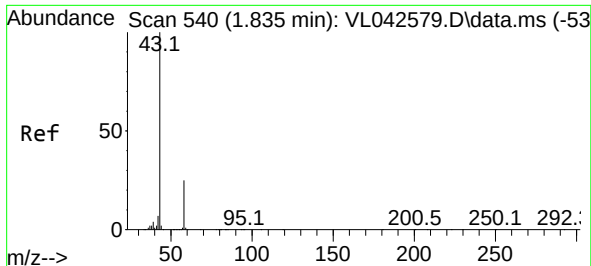
Tgt Ion: 45 Resp: 178
 Ion Ratio Lower Upper
 45 100
 46 0.0 14.5 58.1#



#14
 Bromoethene
 Concen: 0.049 ppbv
 RT: 1.780 min Scan# 523
 Delta R.T. -0.003 min
 Lab File: VL042584.D
 Acq: 29 May 2025 13:51

Tgt Ion: 108 Resp: 172
 Ion Ratio Lower Upper
 108 100
 106 114.5 87.9 131.9
 79 185.5 15.6 23.4#





#15

Acetone

Concen: 0.116 ppbv

RT: 1.839 min Scan# 541

Delta R.T. 0.003 min

Lab File: VL042584.D

Acq: 29 May 2025 13:51

Instrument :

MSVOA_L

ClientSampleId :

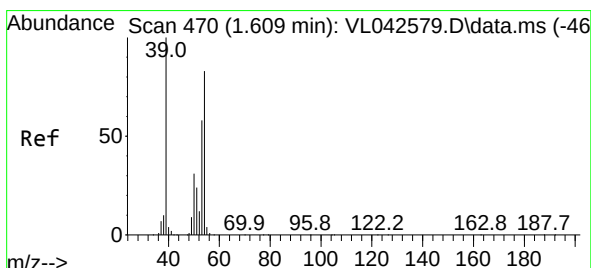
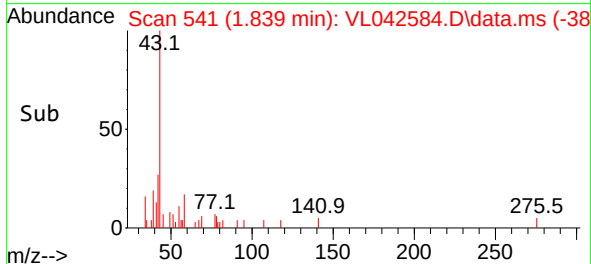
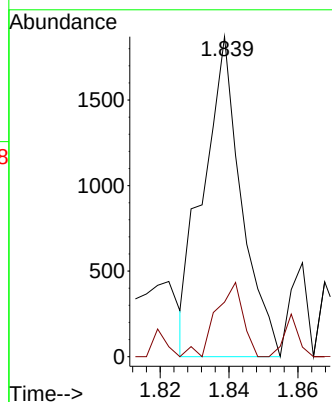
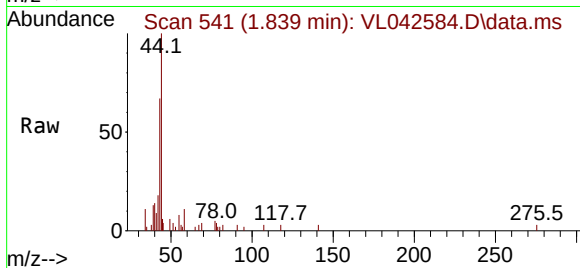
VSTDICC0.03

Tgt Ion: 43 Resp: 1444

Ion Ratio Lower Upper

43 100

58 25.9 21.0 31.4



#16

1,3-Butadiene

Concen: 0.027 ppbv

RT: 1.615 min Scan# 472

Delta R.T. 0.006 min

Lab File: VL042584.D

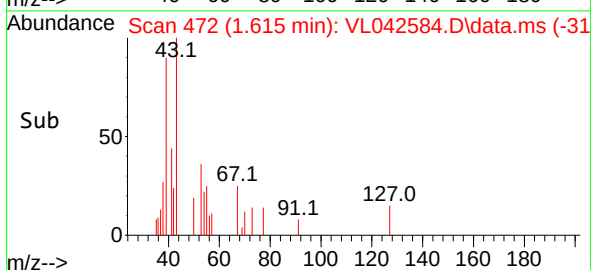
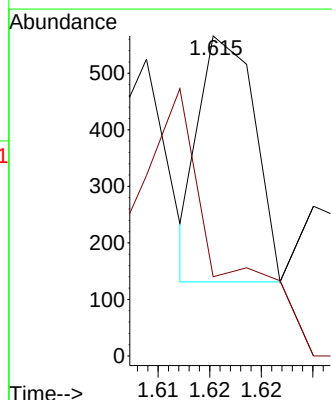
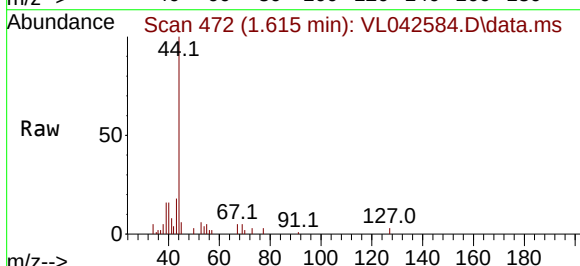
Acq: 29 May 2025 13:51

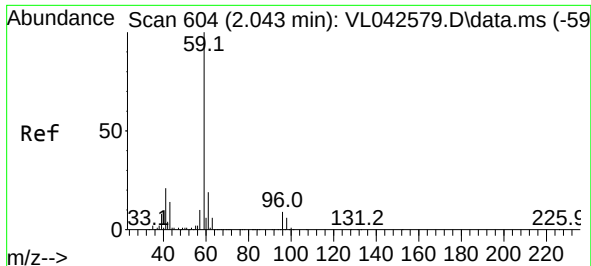
Tgt Ion: 39 Resp: 159

Ion Ratio Lower Upper

39 100

54 252.2 57.9 86.9#





#17

tert-Butyl alcohol

Concen: 0.043 ppbv

RT: 2.049 min Scan# 604

Delta R.T. 0.006 min

Lab File: VL042584.D

Acq: 29 May 2025 13:51

Instrument :

MSVOA_L

ClientSampleId :

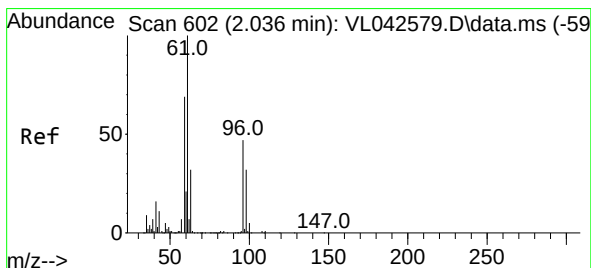
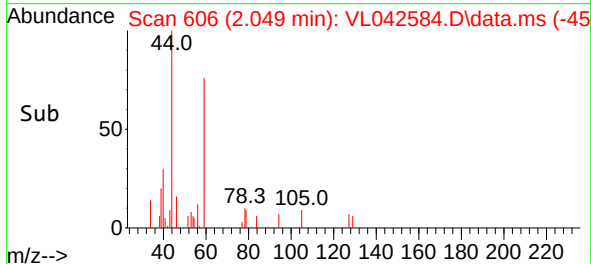
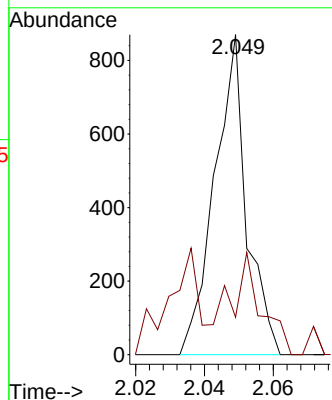
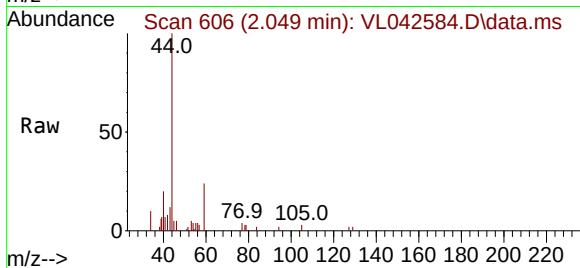
VSTDIC0.03

Tgt Ion: 59 Resp: 560

Ion Ratio Lower Upper

59 100

57 66.8 8.6 12.8#



#18

1,1-Dichloroethene

Concen: 0.029 ppbv

RT: 2.036 min Scan# 602

Delta R.T. 0.000 min

Lab File: VL042584.D

Acq: 29 May 2025 13:51

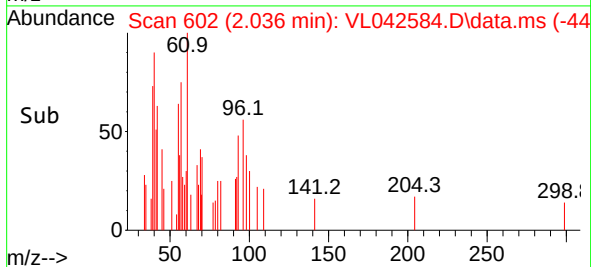
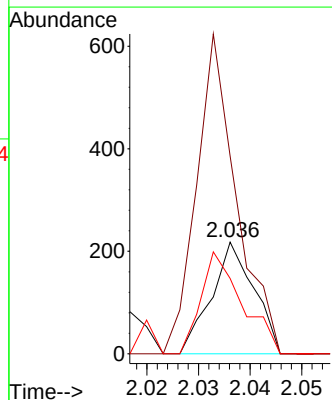
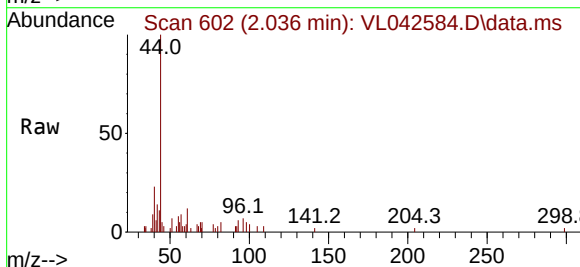
Tgt Ion: 96 Resp: 125

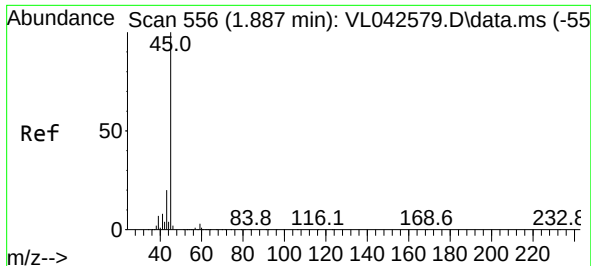
Ion Ratio Lower Upper

96 100

61 177.1 171.1 256.7

98 67.4 54.4 81.6

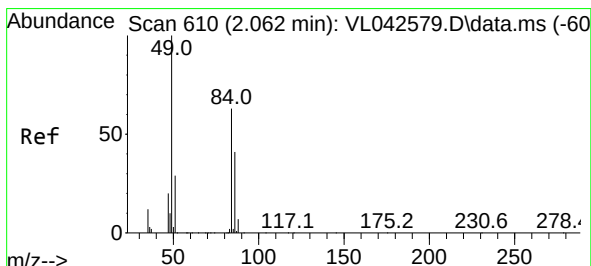
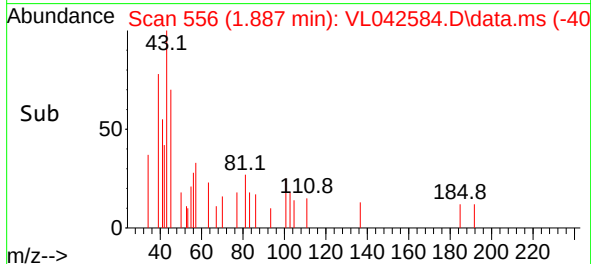
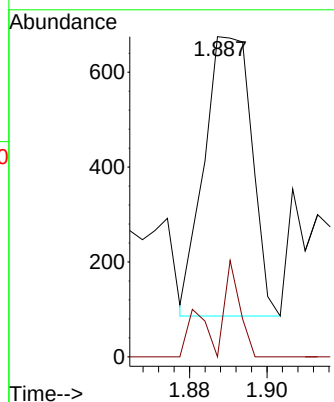
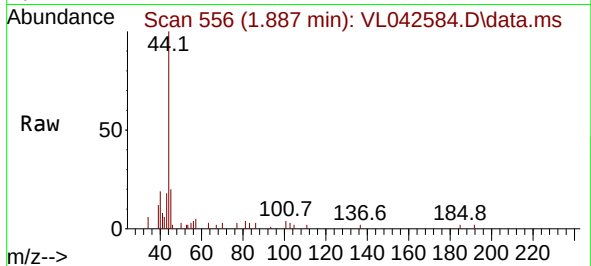




#19
Isopropyl Alcohol
Concen: 0.068 ppbv
RT: 1.887 min Scan# 51
Delta R.T. 0.000 min
Lab File: VL042584.D
Acq: 29 May 2025 13:51

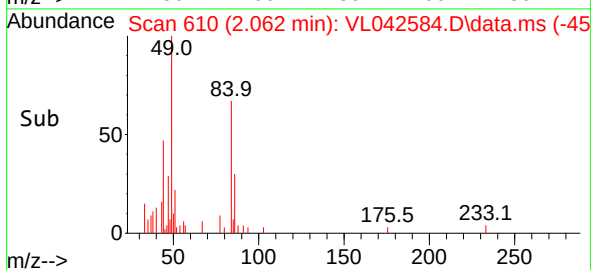
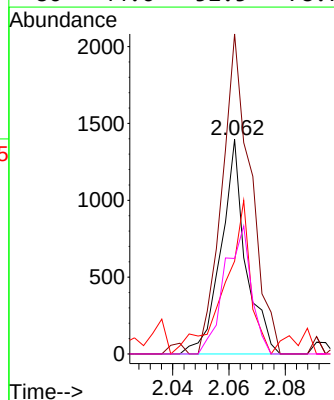
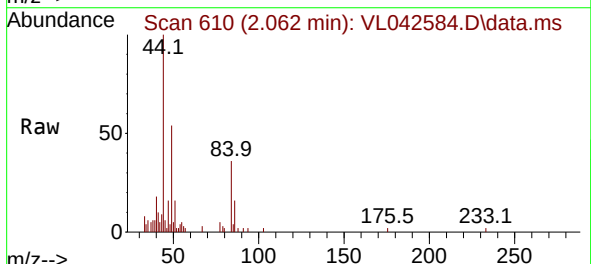
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.03

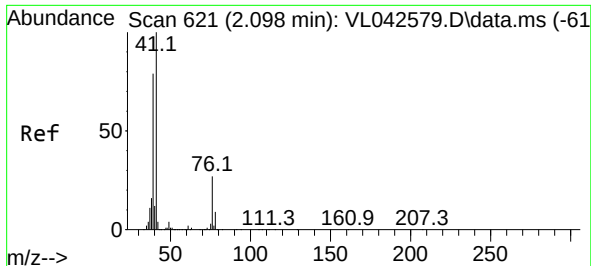
Tgt Ion: 45 Resp: 503
Ion Ratio Lower Upper
45 100
58 17.7 29.4 44.2#



#20
Methylene Chloride
Concen: 0.207 ppbv
RT: 2.062 min Scan# 610
Delta R.T. 0.000 min
Lab File: VL042584.D
Acq: 29 May 2025 13:51

Tgt Ion: 84 Resp: 848
Ion Ratio Lower Upper
84 100
49 149.1 128.8 193.2
51 39.4 38.6 57.8
86 44.6 52.5 78.7#





#21

Allyl Chloride

Concen: 0.035 ppbv

RT: 2.098 min Scan# 61

Delta R.T. 0.000 min

Lab File: VL042584.D

Acq: 29 May 2025 13:51

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.03

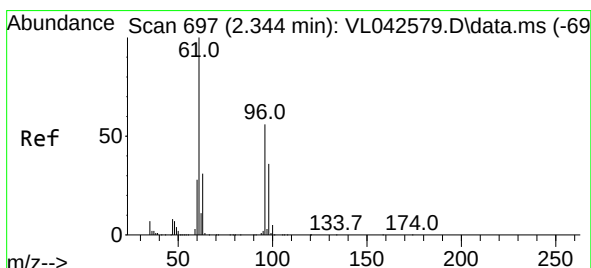
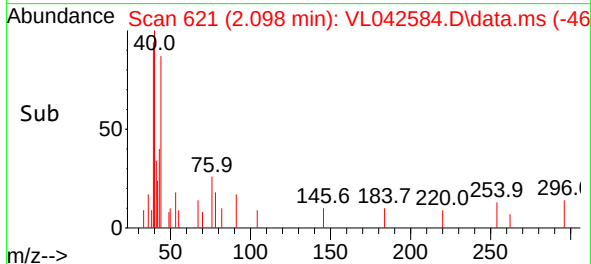
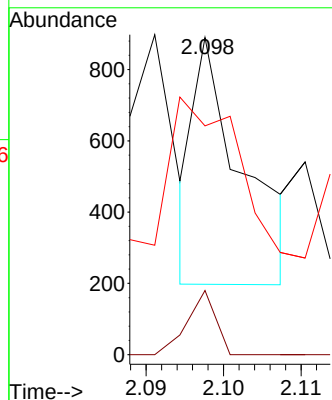
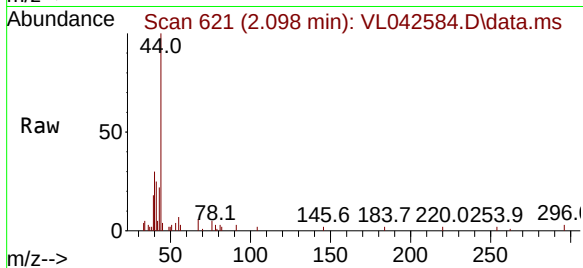
Tgt Ion: 41 Resp: 304

Ion Ratio Lower Upper

41 100

76 15.1 21.2 31.8#

39 315.8 60.9 91.3#



#22

trans-1,2-Dichloroethene

Concen: 0.012 ppbv

RT: 2.350 min Scan# 699

Delta R.T. 0.006 min

Lab File: VL042584.D

Acq: 29 May 2025 13:51

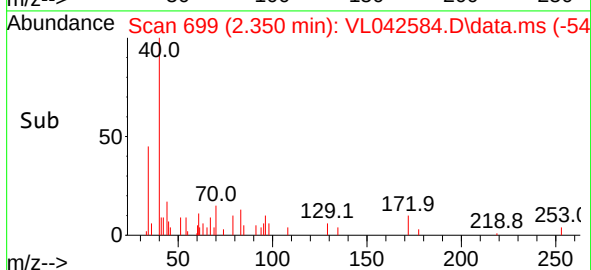
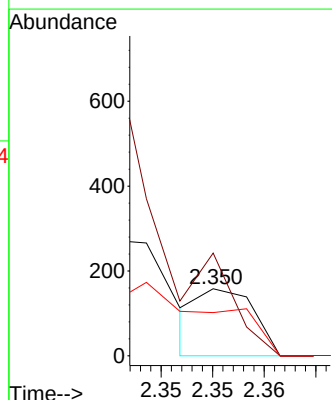
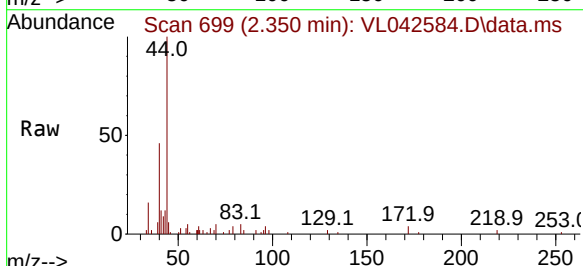
Tgt Ion: 96 Resp: 58

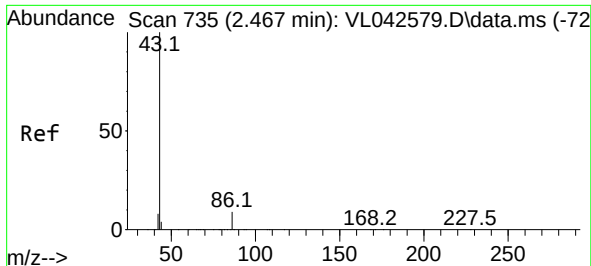
Ion Ratio Lower Upper

96 100

61 153.2 142.6 214.0

98 64.6 51.0 76.4

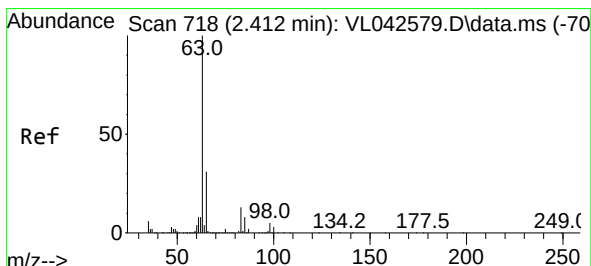
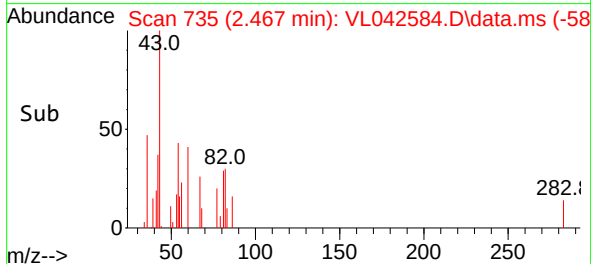
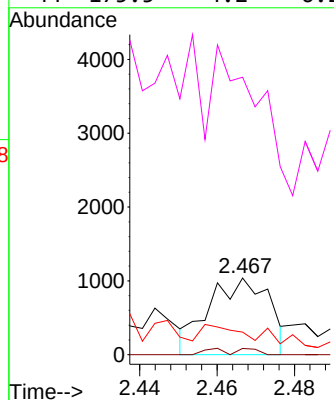
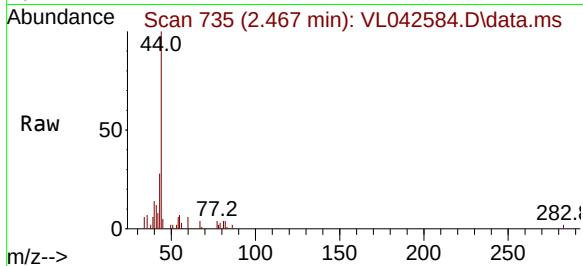




#23
 Vinyl Acetate
 Concen: 0.067 ppbv
 RT: 2.467 min Scan# 719
 Delta R.T. 0.000 min
 Lab File: VL042584.D
 Acq: 29 May 2025 13:51

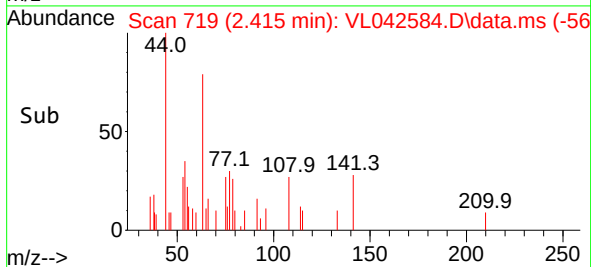
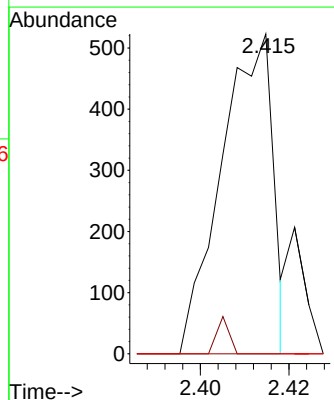
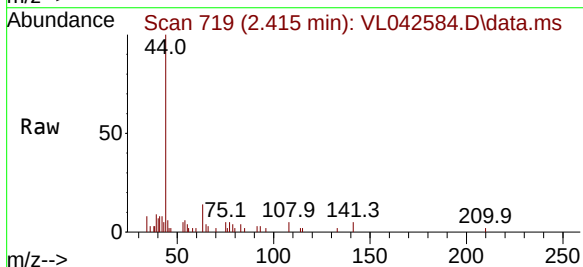
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDIC0.03

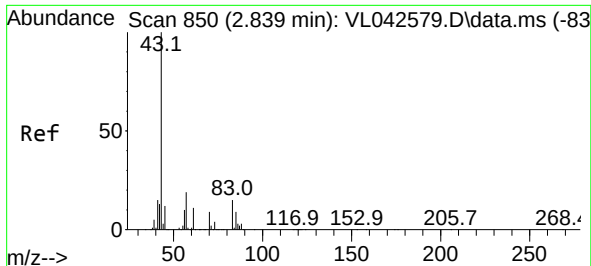
Tgt Ion:	43	Resp:	1120
Ion	Ratio	Lower	Upper
43	100		
86	12.3	6.6	9.8#
42	22.8	7.0	10.4#
44	175.5	4.2	6.2#



#24
 1,1-Dichloroethane
 Concen: 0.043 ppbv
 RT: 2.415 min Scan# 719
 Delta R.T. 0.003 min
 Lab File: VL042584.D
 Acq: 29 May 2025 13:51

Tgt Ion:	63	Resp:	424
Ion	Ratio	Lower	Upper
63	100		
98	0.0	2.4	7.1#
100	0.0	1.4	4.0#

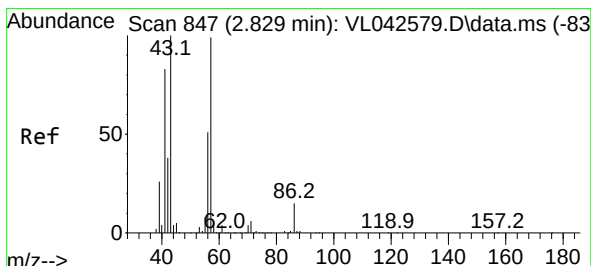
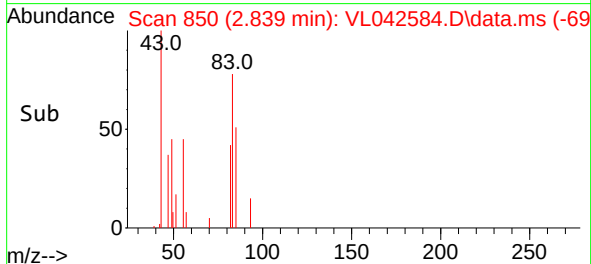
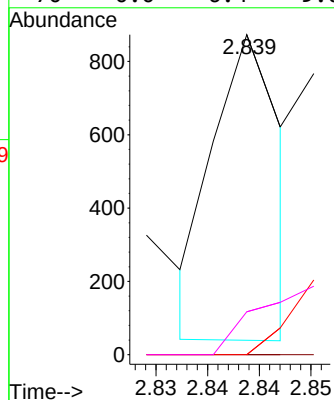
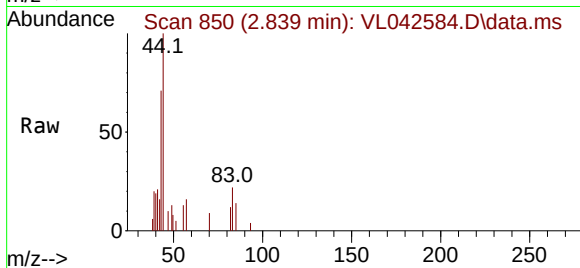




#25
Ethyl Acetate
Concen: 0.011 ppbv
RT: 2.839 min Scan# 81
Delta R.T. 0.000 min
Lab File: VL042584.D
Acq: 29 May 2025 13:51

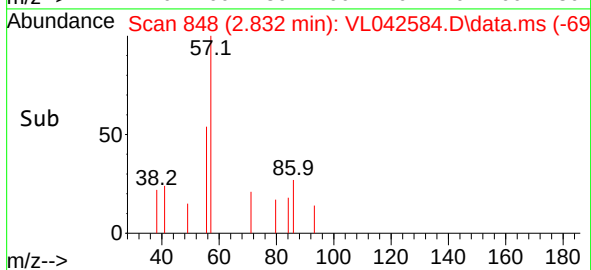
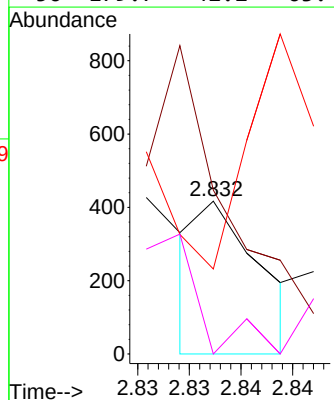
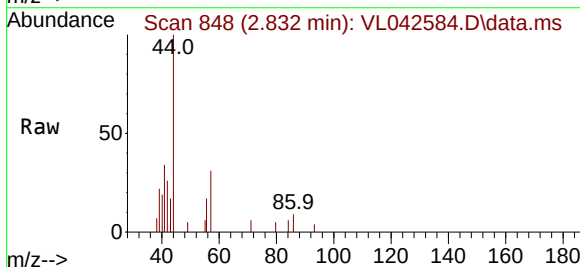
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.03

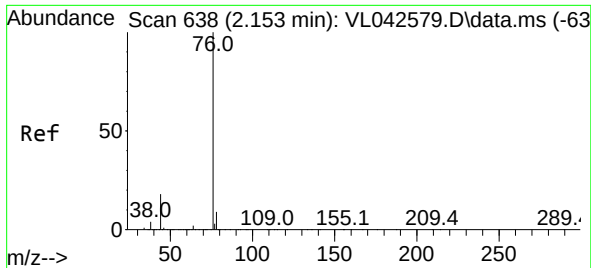
Tgt Ion:	43	Resp:	380
Ion	Ratio	Lower	Upper
43	100		
45	0.0	8.2	12.2#
61	0.0	7.1	10.7#
70	0.0	6.4	9.6#



#26
Hexane
Concen: 0.011 ppbv
RT: 2.832 min Scan# 848
Delta R.T. 0.003 min
Lab File: VL042584.D
Acq: 29 May 2025 13:51

Tgt Ion:	57	Resp:	172
Ion	Ratio	Lower	Upper
57	100		
41	509.9	70.6	106.0#
43	0.0	181.1	271.7#
56	179.7	42.2	63.4#

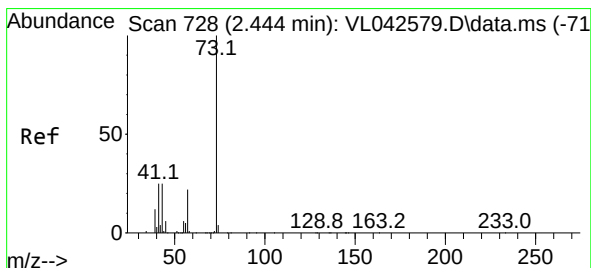
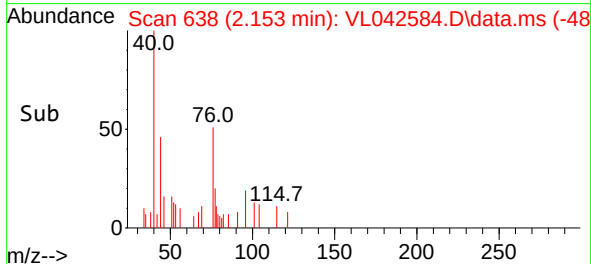
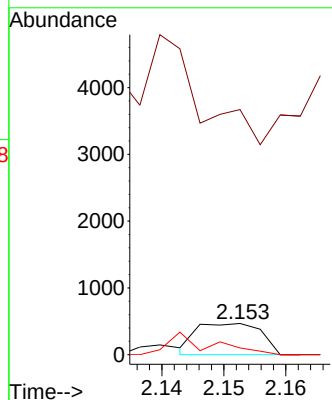
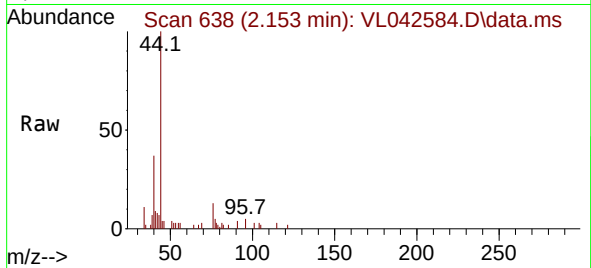




#27
Carbon Disulfide
Concen: 0.029 ppbv
RT: 2.153 min Scan# 61
Delta R.T. 0.000 min
Lab File: VL042584.D
Acq: 29 May 2025 13:51

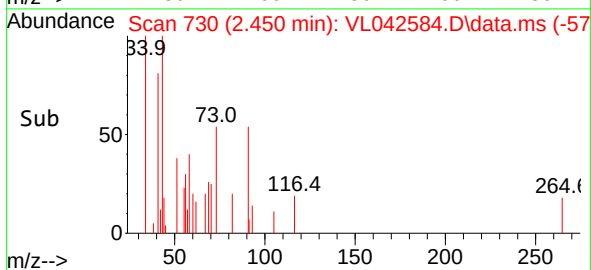
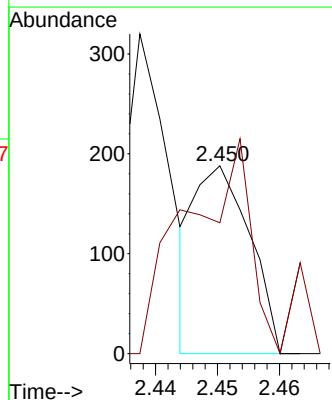
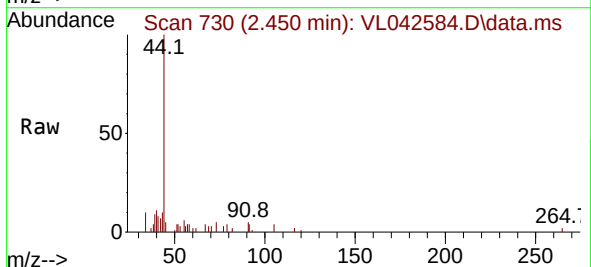
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.03

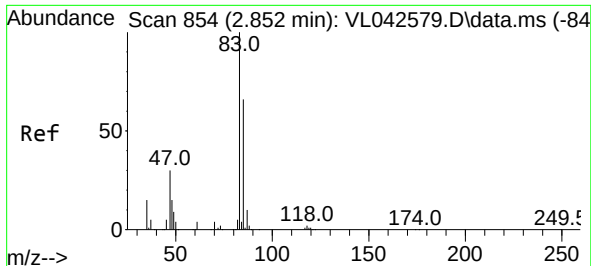
Tgt Ion: 76 Resp: 340
Ion Ratio Lower Upper
76 100
44 1236.8 21.3 31.9#
78 0.0 9.4 14.0#



#28
Methyl tert-Butyl Ether
Concen: 0.019 ppbv
RT: 2.450 min Scan# 730
Delta R.T. 0.006 min
Lab File: VL042584.D
Acq: 29 May 2025 13:51

Tgt Ion: 73 Resp: 116
Ion Ratio Lower Upper
73 100
57 147.4 19.9 29.9#





#29

Chloroform

Concen: 0.029 ppbv

RT: 2.849 min Scan# 853

Delta R.T. -0.003 min

Lab File: VL042584.D

Acq: 29 May 2025 13:51

Instrument :

MSVOA_L

ClientSampleId :

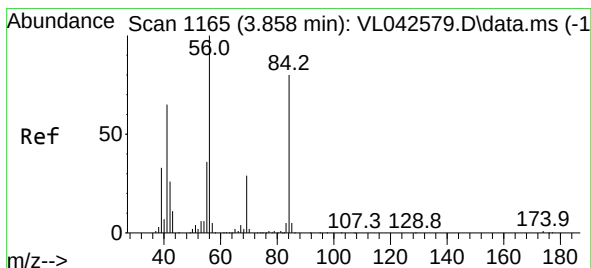
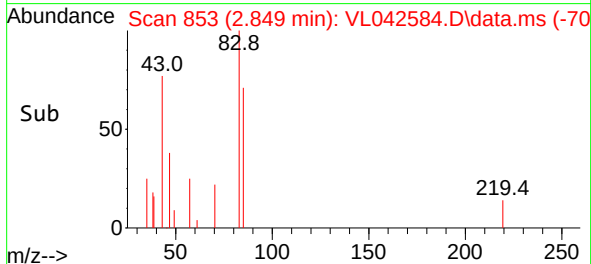
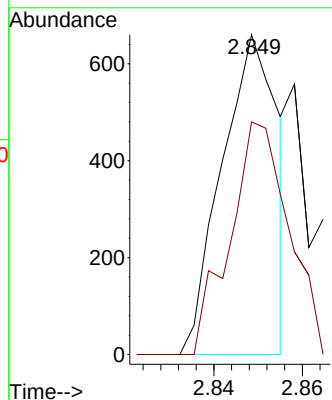
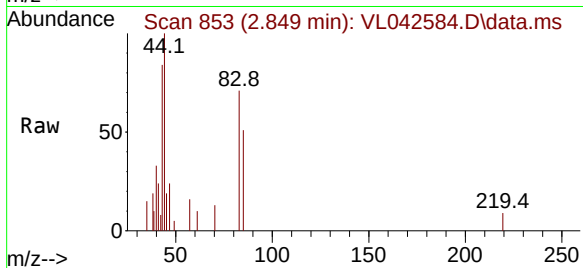
VSTDIC0.03

Tgt Ion: 83 Resp: 577

Ion Ratio Lower Upper

83 100

85 72.7 52.8 79.2



#30

Cyclohexane

Concen: 0.017 ppbv

RT: 3.862 min Scan# 1166

Delta R.T. 0.003 min

Lab File: VL042584.D

Acq: 29 May 2025 13:51

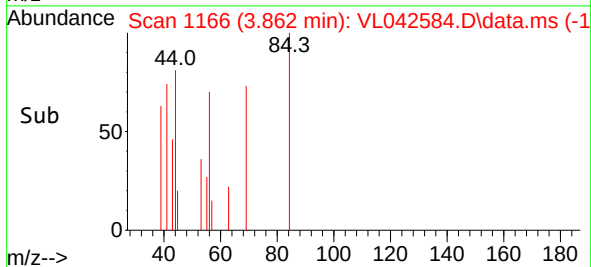
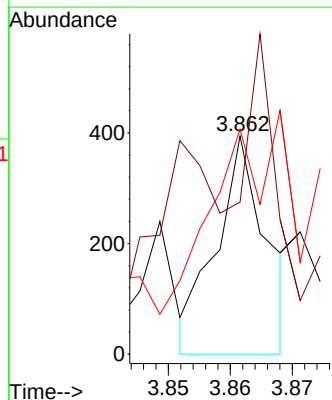
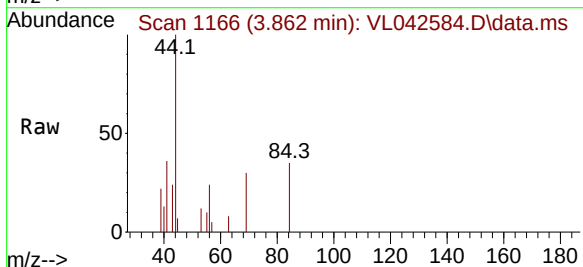
Tgt Ion: 84 Resp: 220

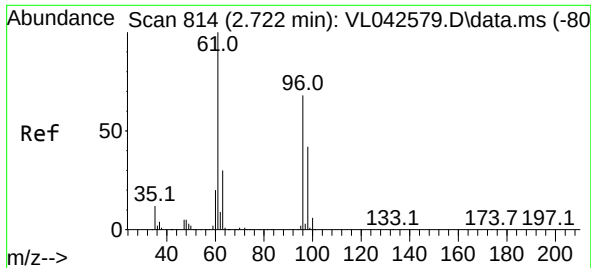
Ion Ratio Lower Upper

84 100

56 0.0 103.7 155.5#

41 0.0 65.1 97.7#

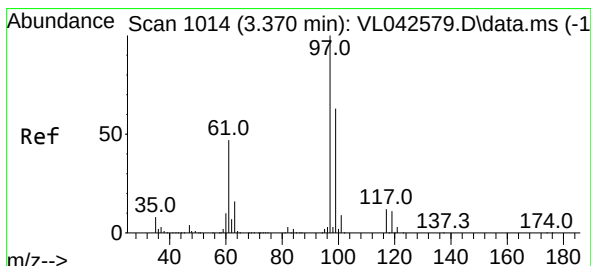
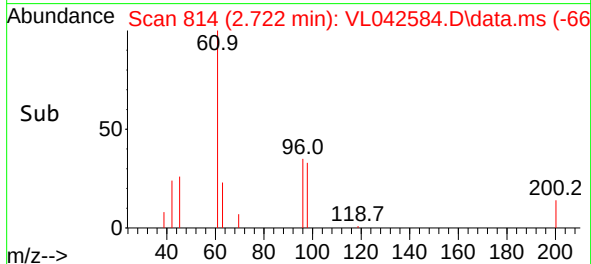
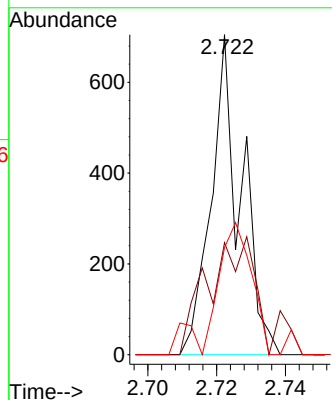
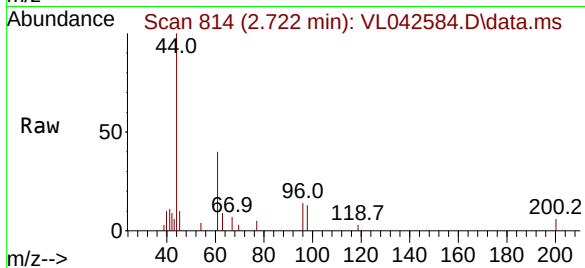




#31
 cis-1,2-Dichloroethene
 Concen: 0.030 ppbv
 RT: 2.722 min Scan# 814
 Delta R.T. 0.000 min
 Lab File: VL042584.D
 Acq: 29 May 2025 13:51

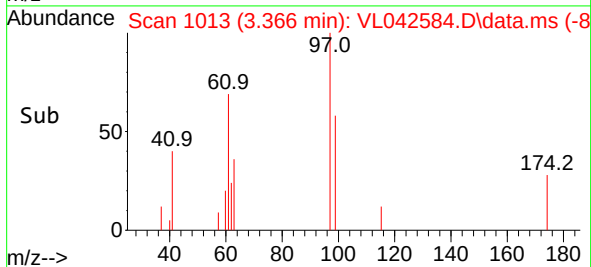
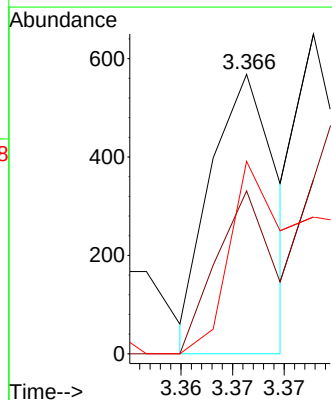
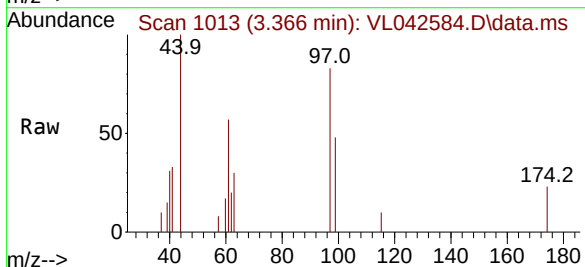
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.03

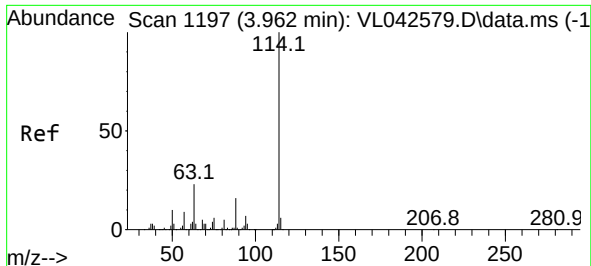
Tgt Ion: 61 Resp: 424
 Ion Ratio Lower Upper
 61 100
 96 35.0 54.5 81.7#
 98 33.5 33.4 50.2



#32
 1,1,1-Trichloroethane
 Concen: 0.013 ppbv
 RT: 3.366 min Scan# 1013
 Delta R.T. -0.003 min
 Lab File: VL042584.D
 Acq: 29 May 2025 13:51

Tgt Ion: 97 Resp: 255
 Ion Ratio Lower Upper
 97 100
 99 0.0 51.0 76.6#
 61 149.0 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: VL042584.D

Acq: 29 May 2025 13:51

Instrument :

MSVOA_1

ClientSampleId :

VSTDICC0.03

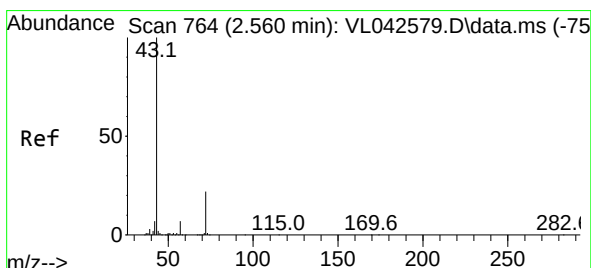
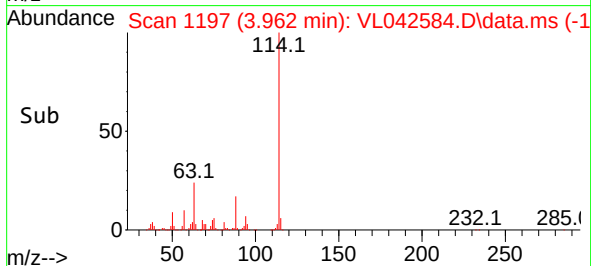
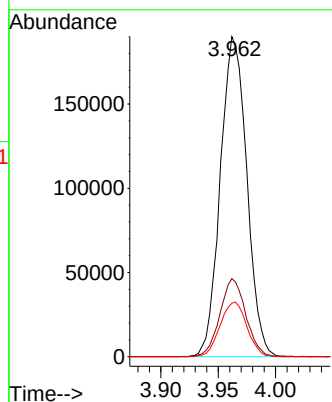
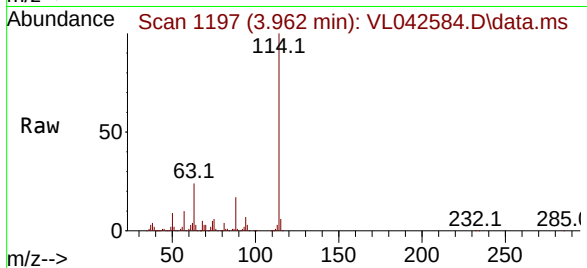
Tgt Ion:114 Resp: 305114

Ion Ratio Lower Upper

114 100

63 23.8 19.0 28.6

88 17.2 13.6 20.4



#34

2-Butanone

Concen: 0.055 ppbv

RT: 2.564 min Scan# 765

Delta R.T. 0.003 min

Lab File: VL042584.D

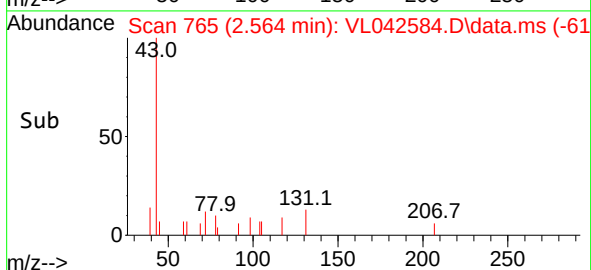
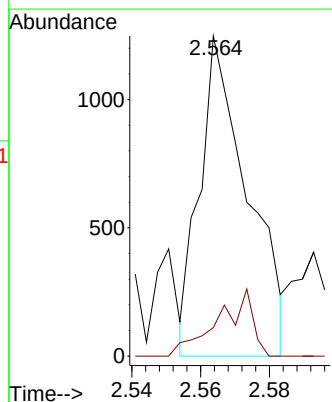
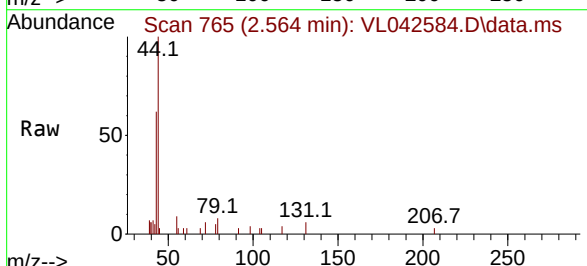
Acq: 29 May 2025 13:51

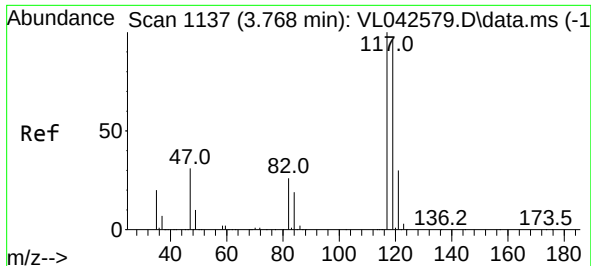
Tgt Ion: 43 Resp: 1204

Ion Ratio Lower Upper

43 100

72 15.3 17.7 26.5#

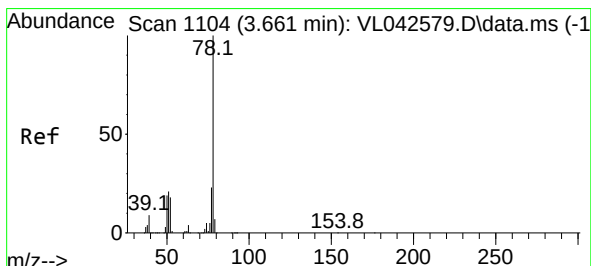
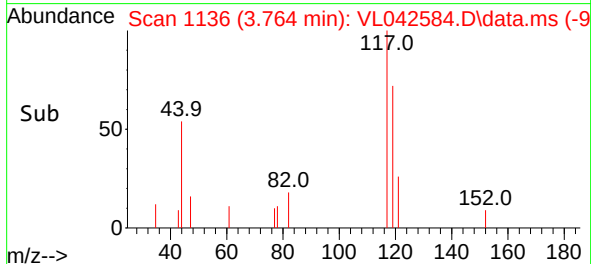
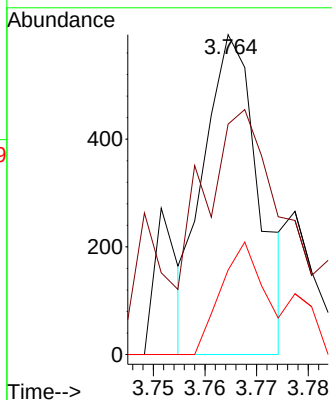
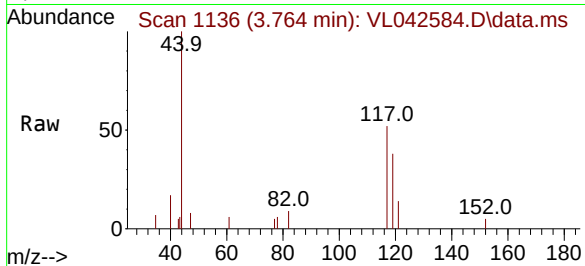




#35
Carbon Tetrachloride
Concen: 0.022 ppbv
RT: 3.764 min Scan# 1136
Delta R.T. -0.003 min
Lab File: VL042584.D
Acq: 29 May 2025 13:51

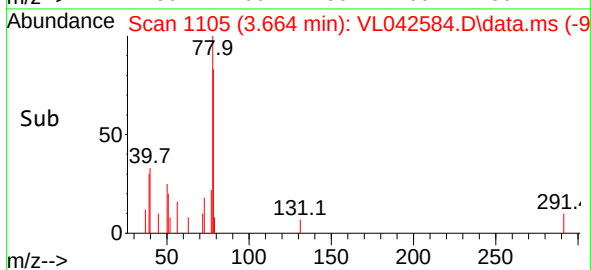
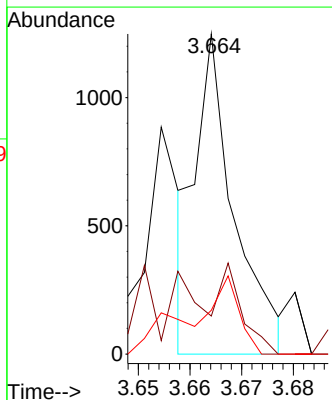
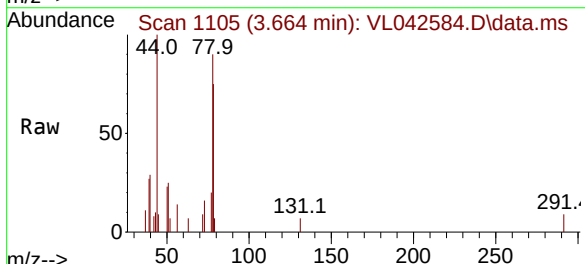
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.03

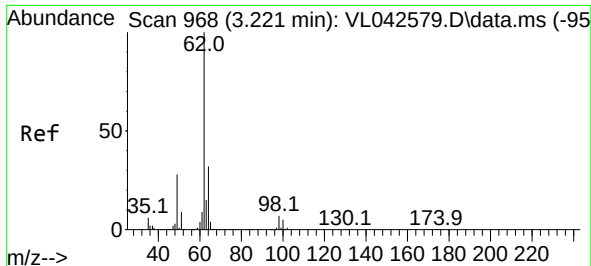
Tgt Ion:117 Resp: 442
Ion Ratio Lower Upper
117 100
119 71.4 76.8 115.2#
121 36.5 24.3 36.5#



#36
Benzene
Concen: 0.021 ppbv
RT: 3.664 min Scan# 1105
Delta R.T. 0.003 min
Lab File: VL042584.D
Acq: 29 May 2025 13:51

Tgt Ion: 78 Resp: 641
Ion Ratio Lower Upper
78 100
77 13.4 18.2 27.2#
50 32.7 15.2 22.8#

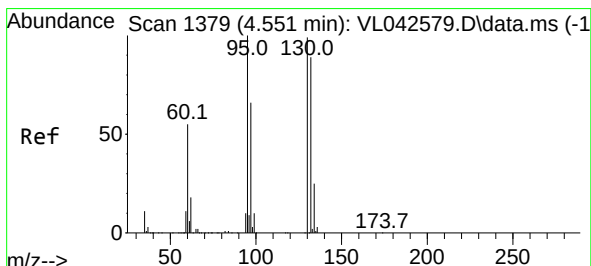
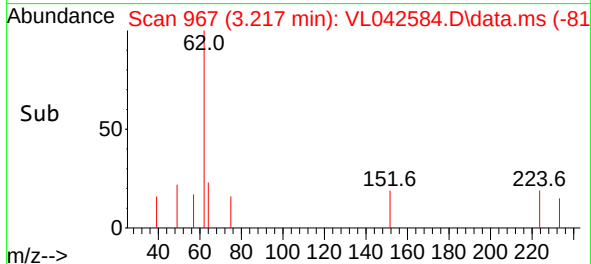
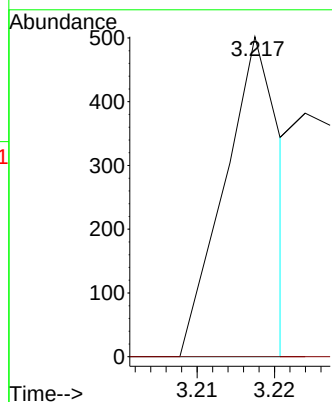
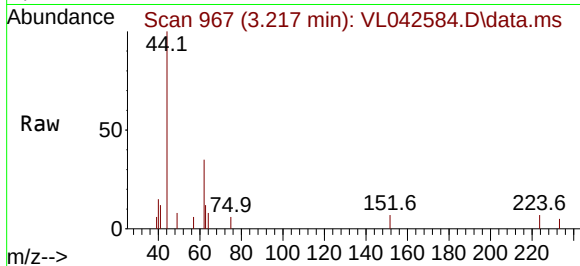




#37
1,2-Dichloroethane
Concen: 0.017 ppbv
RT: 3.217 min Scan# 91
Delta R.T. -0.003 min
Lab File: VL042584.D
Acq: 29 May 2025 13:51

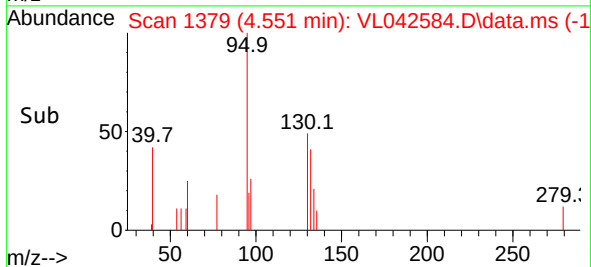
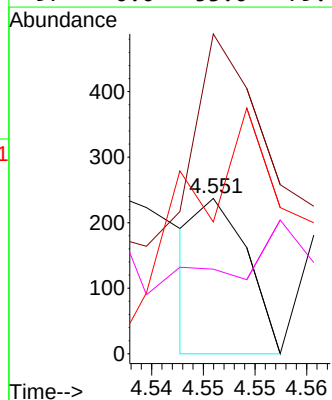
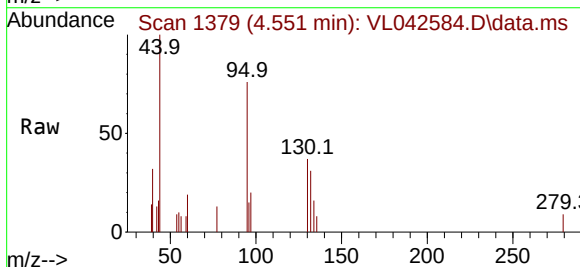
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.03

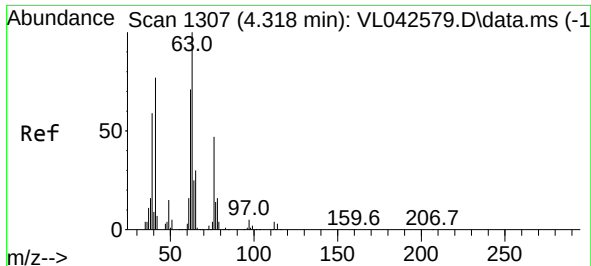
Tgt Ion: 62 Resp: 253
Ion Ratio Lower Upper
62 100
98 0.0 6.1 9.1#



#38
Trichloroethene
Concen: 0.006 ppbv
RT: 4.551 min Scan# 1379
Delta R.T. 0.000 min
Lab File: VL042584.D
Acq: 29 May 2025 13:51

Tgt Ion:130 Resp: 77
Ion Ratio Lower Upper
130 100
95 114.3 80.6 121.0
132 0.0 71.8 107.6#
97 0.0 53.0 79.4#





#39

1,2-Dichloropropane

Concen: 6.532 ppbv

RT: 3.962 min Scan# 1197

Delta R.T. -0.356 min

Lab File: VL042584.D

Acq: 29 May 2025 13:51

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.03

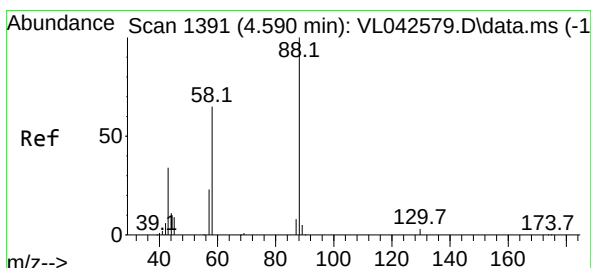
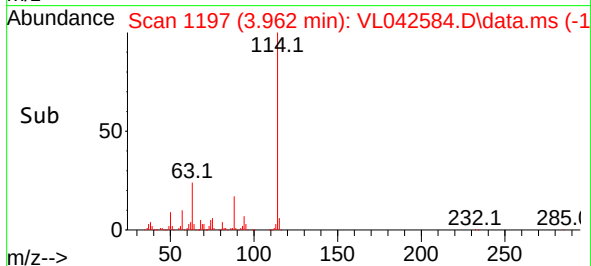
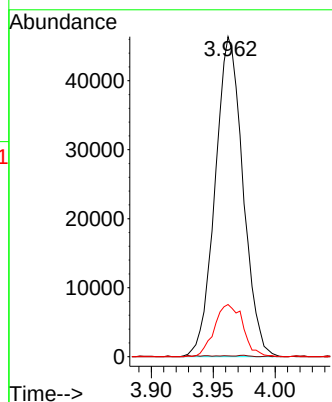
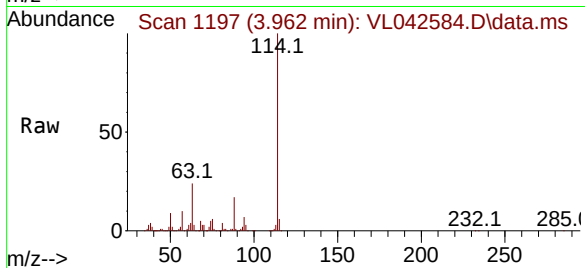
Tgt Ion: 63 Resp: 72547

Ion Ratio Lower Upper

63 100

41 0.2 61.8 92.6#

62 16.3 56.6 85.0#



#40

1,4-Dioxane

Concen: 0.005 ppbv

RT: 4.619 min Scan# 1400

Delta R.T. 0.029 min

Lab File: VL042584.D

Acq: 29 May 2025 13:51

Tgt Ion: 88 Resp: 25

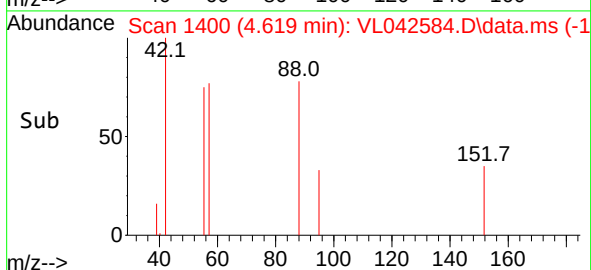
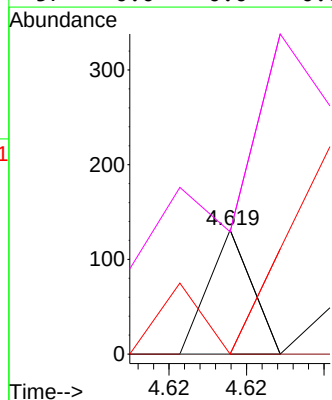
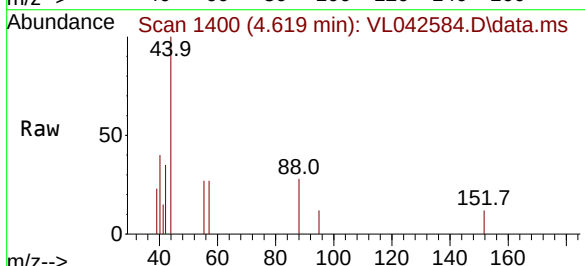
Ion Ratio Lower Upper

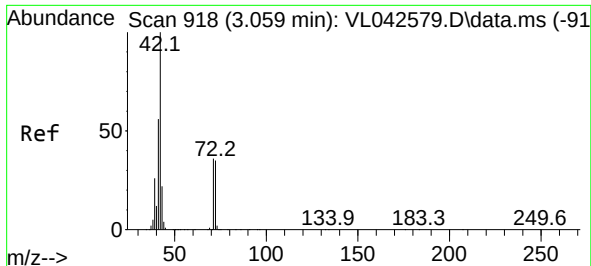
88 100

58 0.0 55.8 83.8#

43 304.0 24.8 37.2#

57 0.0 0.0 0.0

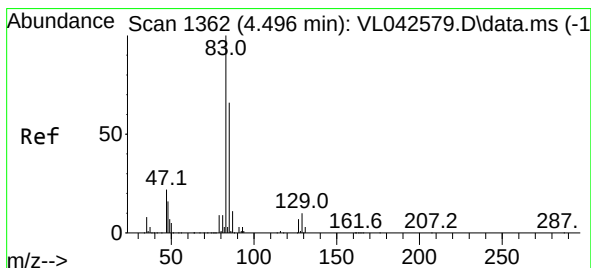
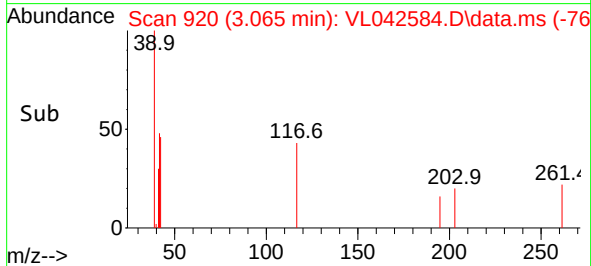
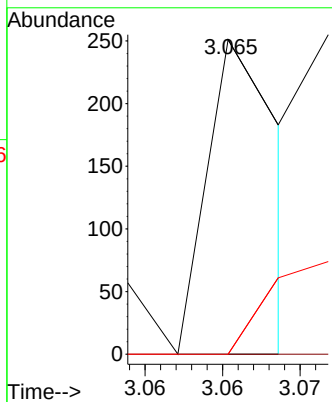
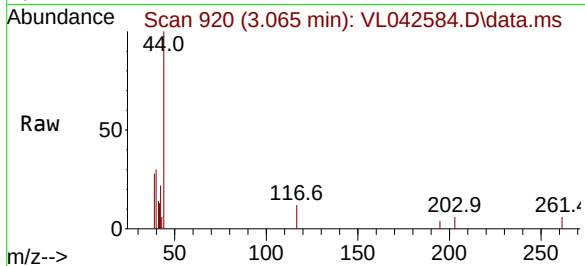




#41
Tetrahydrofuran
Concen: 0.007 ppbv
RT: 3.065 min Scan# 918
Delta R.T. 0.006 min
Lab File: VL042584.D
Acq: 29 May 2025 13:51

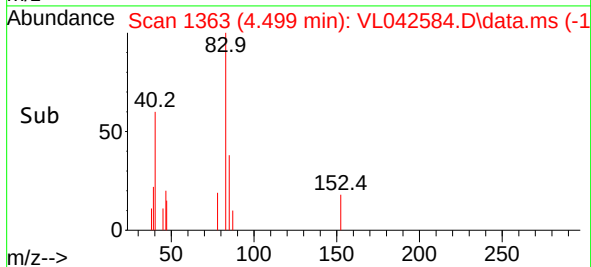
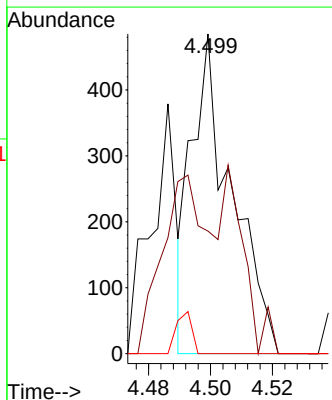
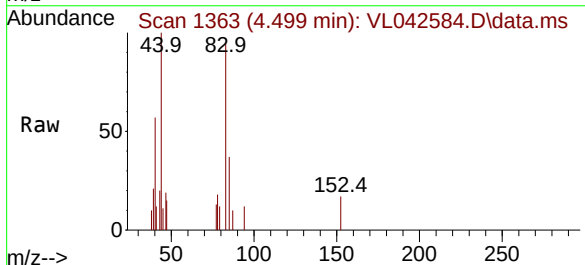
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.03

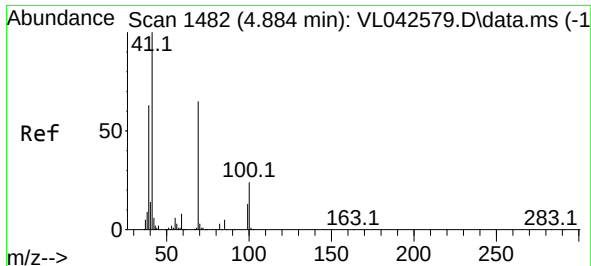
Tgt Ion: 42 Resp: 84
Ion Ratio Lower Upper
42 100
72 0.0 28.9 43.3#
71 0.0 28.5 42.7#



#42
Bromodichloromethane
Concen: 0.020 ppbv
RT: 4.499 min Scan# 1363
Delta R.T. 0.003 min
Lab File: VL042584.D
Acq: 29 May 2025 13:51

Tgt Ion: 83 Resp: 434
Ion Ratio Lower Upper
83 100
85 38.4 52.7 79.1#
127 0.0 5.8 8.6#





#43

Methyl Methacrylate

Concen: 0.016 ppbv

RT: 4.888 min Scan# 1482

Delta R.T. 0.003 min

Lab File: VL042584.D

Acq: 29 May 2025 13:51

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.03

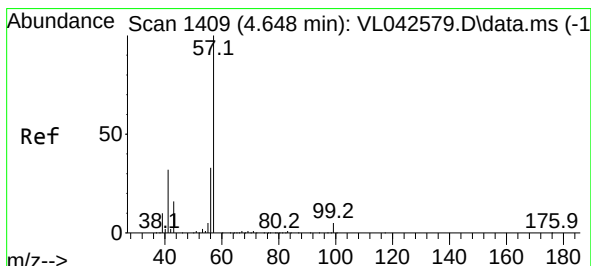
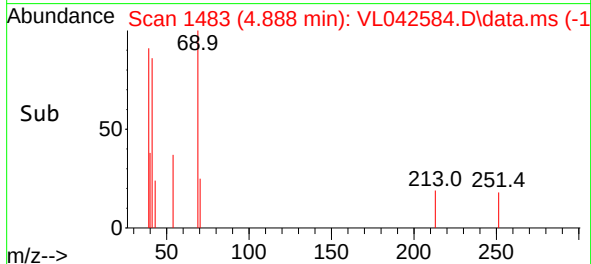
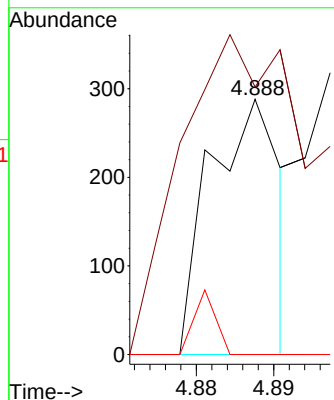
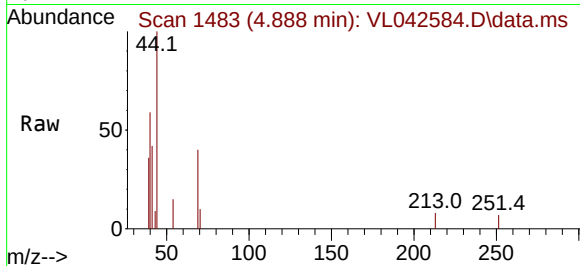
Tgt Ion: 69 Resp: 182

Ion Ratio Lower Upper

69 100

41 58.8 124.6 187.0#

100 7.7 29.9 44.9#



#44

2,2,4-Trimethylpentane

Concen: 0.012 ppbv

RT: 4.648 min Scan# 1409

Delta R.T. 0.000 min

Lab File: VL042584.D

Acq: 29 May 2025 13:51

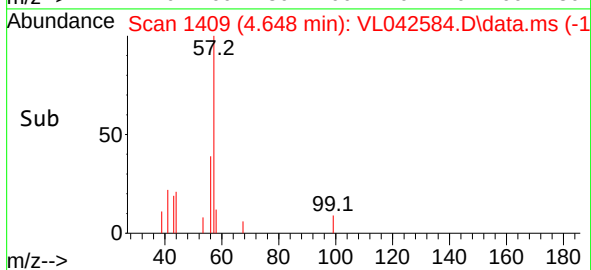
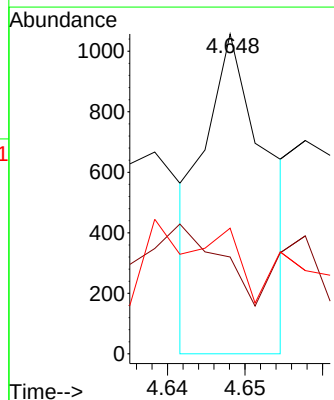
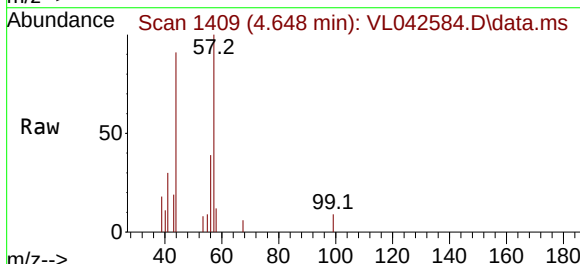
Tgt Ion: 57 Resp: 596

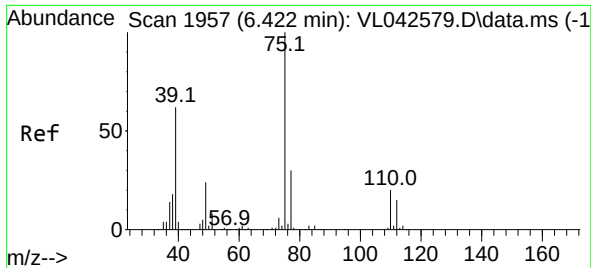
Ion Ratio Lower Upper

57 100

41 0.0 26.1 39.1#

56 0.0 25.9 38.9#

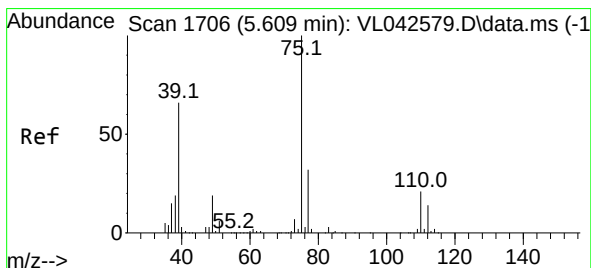
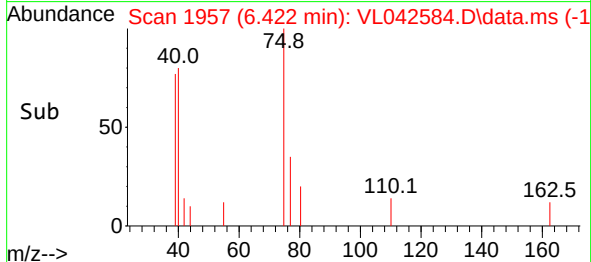
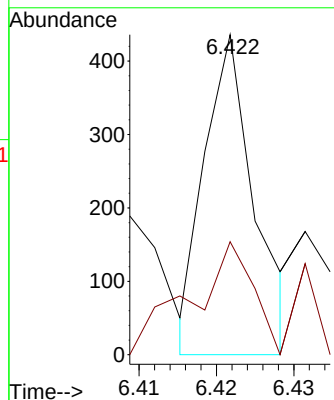
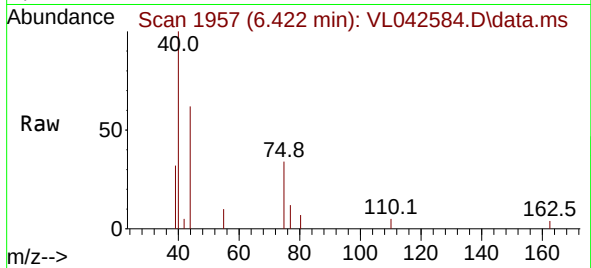




#45
 t-1,3-Dichloropropene
 Concen: 0.015 ppbv
 RT: 6.422 min Scan# 1957
 Delta R.T. 0.000 min
 Lab File: VL042584.D
 Acq: 29 May 2025 13:51

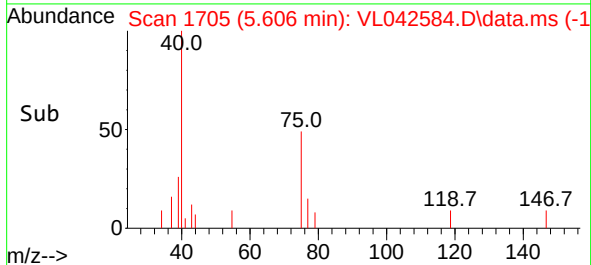
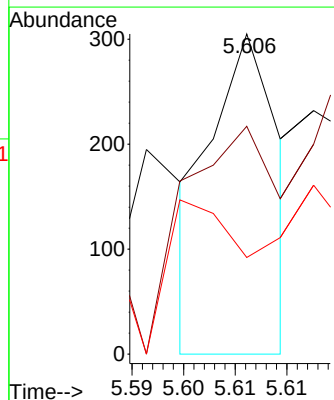
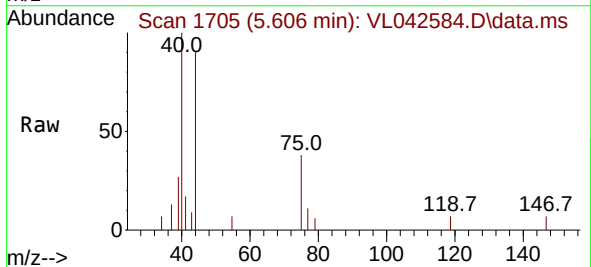
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.03

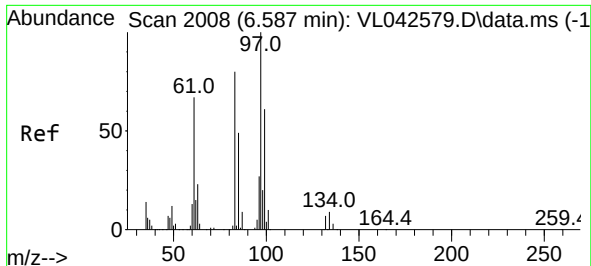
Tgt Ion: 75 Resp: 196
 Ion Ratio Lower Upper
 75 100
 77 35.3 24.2 36.2



#46
 cis-1,3-Dichloropropene
 Concen: 0.008 ppbv
 RT: 5.606 min Scan# 1705
 Delta R.T. -0.003 min
 Lab File: VL042584.D
 Acq: 29 May 2025 13:51

Tgt Ion: 75 Resp: 139
 Ion Ratio Lower Upper
 75 100
 39 48.9 52.7 79.1#
 77 0.0 25.8 38.8#





#47

1,1,2-Trichloroethane

Concen: 0.017 ppbv

RT: 6.587 min Scan# 2008

Delta R.T. 0.000 min

Lab File: VL042584.D

Acq: 29 May 2025 13:51

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC0.03

Tgt Ion: 97 Resp: 192

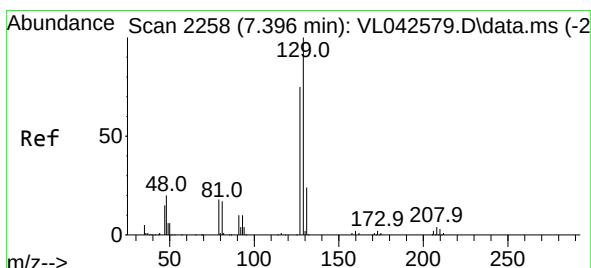
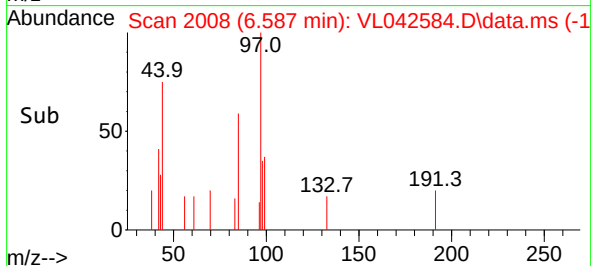
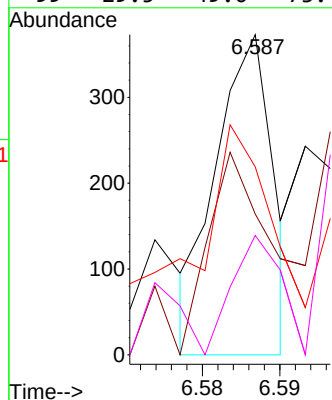
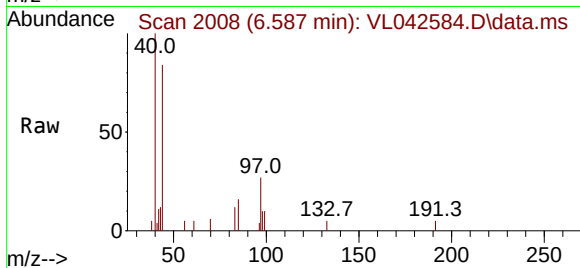
Ion Ratio Lower Upper

97 100

83 59.0 63.9 95.9#

85 38.5 39.2 58.8#

99 29.5 49.0 73.4#



#48

Dibromochloromethane

Concen: 0.017 ppbv

RT: 7.396 min Scan# 2258

Delta R.T. 0.000 min

Lab File: VL042584.D

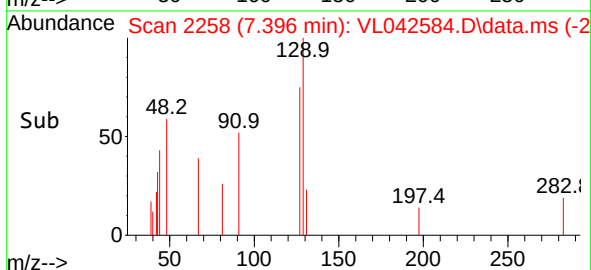
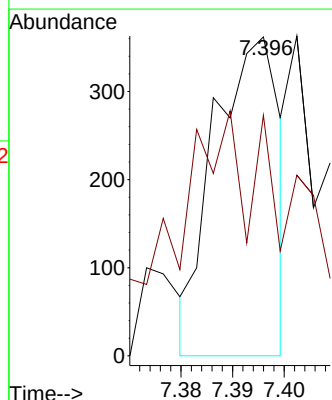
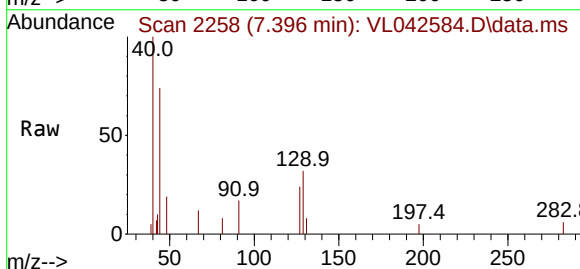
Acq: 29 May 2025 13:51

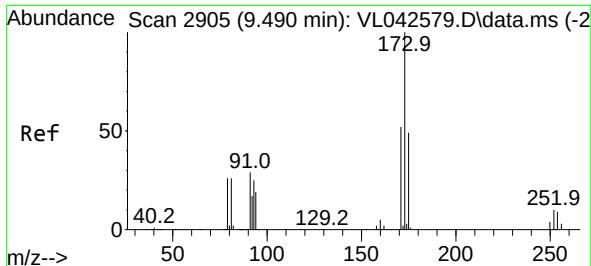
Tgt Ion: 129 Resp: 318

Ion Ratio Lower Upper

129 100

127 135.5 39.0 116.9#

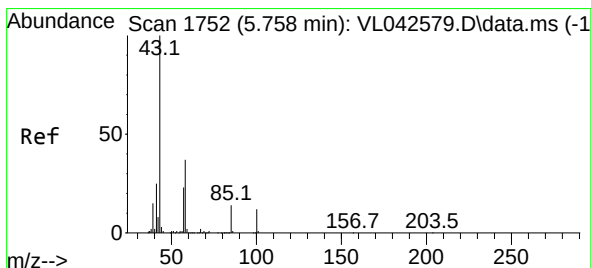
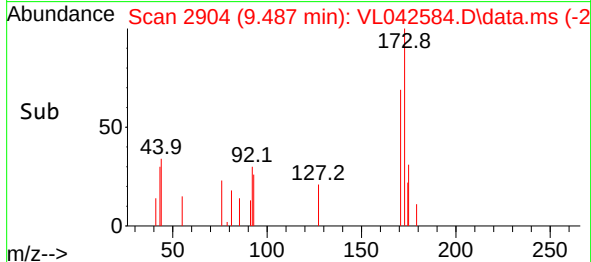
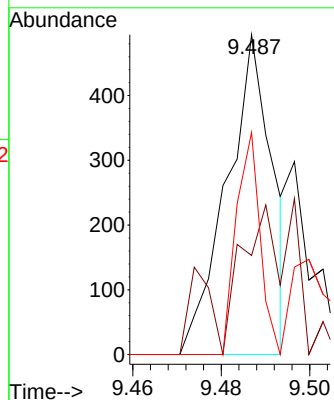
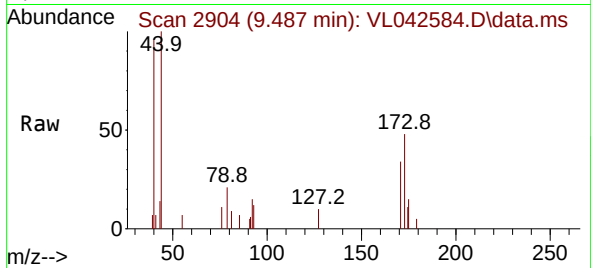




#49
Bromoform
Concen: 0.022 ppbv
RT: 9.487 min Scan# 2904
Delta R.T. -0.003 min
Lab File: VL042584.D
Acq: 29 May 2025 13:51

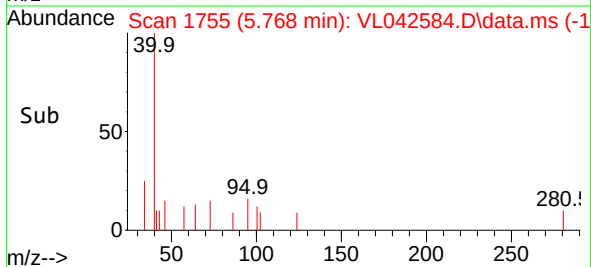
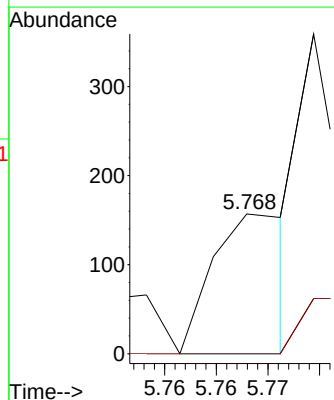
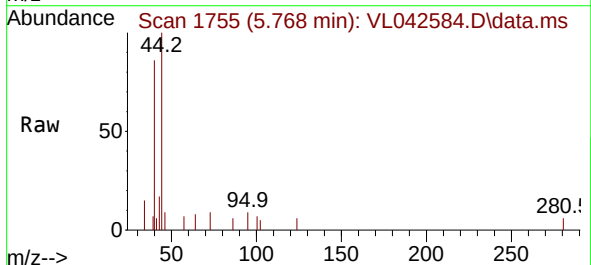
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03

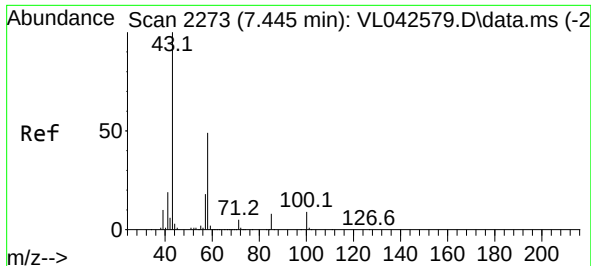
Tgt Ion:173 Resp: 353
Ion Ratio Lower Upper
173 100
175 0.0 38.7 58.1#
171 61.2 41.2 61.8



#50
4-Methyl-2-Pentanone
Concen: 0.003 ppbv
RT: 5.768 min Scan# 1755
Delta R.T. 0.010 min
Lab File: VL042584.D
Acq: 29 May 2025 13:51

Tgt Ion: 43 Resp: 81
Ion Ratio Lower Upper
43 100
58 0.0 28.3 42.5#

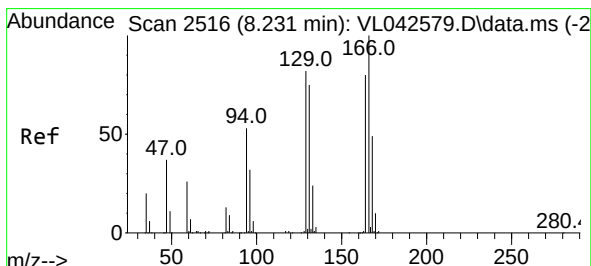
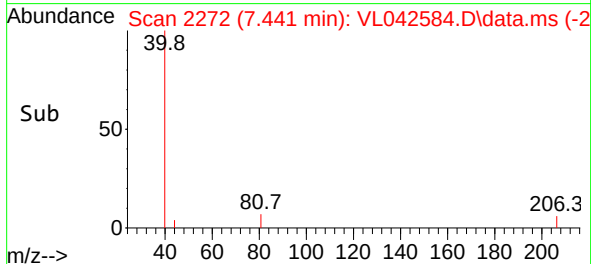
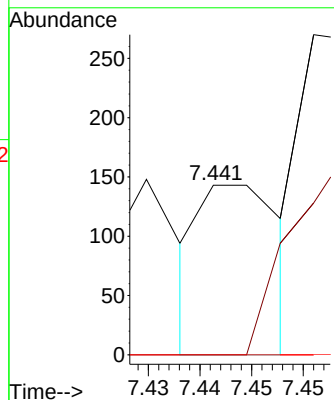
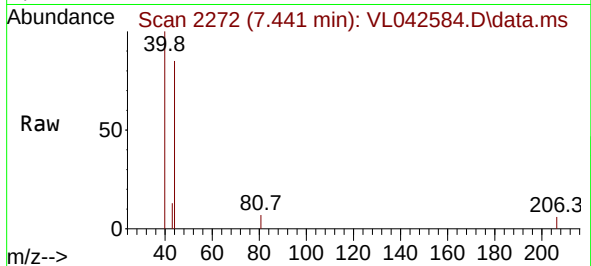




#51
2-Hexanone
Concen: 0.003 ppbv
RT: 7.441 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL042584.D
Acq: 29 May 2025 13:51

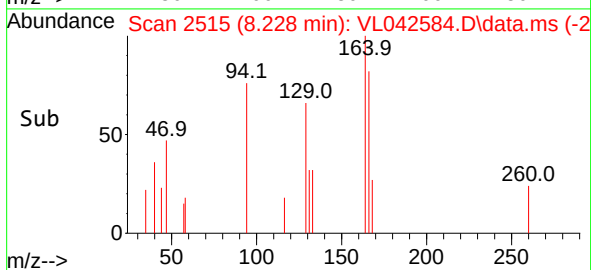
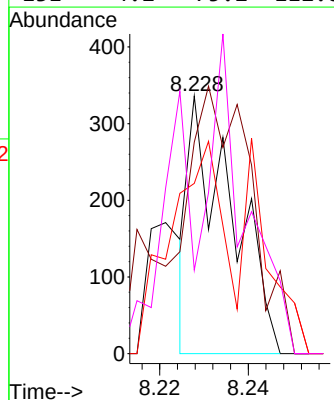
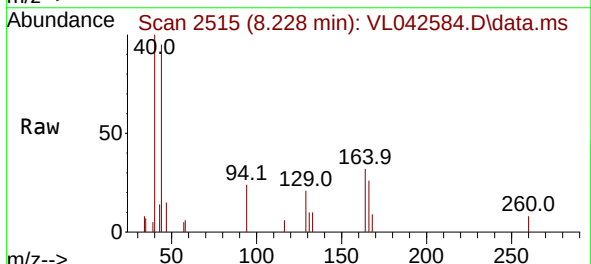
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03

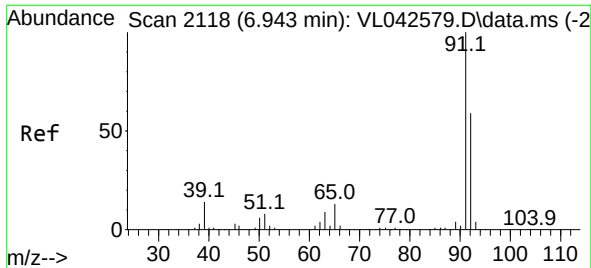
Tgt Ion:	43	Resp:	78
Ion	Ratio	Lower	Upper
43	100		
58	0.0	39.9	59.9#
98	0.0	0.1	0.1#



#52
Tetrachloroethene
Concen: 0.020 ppbv
RT: 8.228 min Scan# 2515
Delta R.T. -0.003 min
Lab File: VL042584.D
Acq: 29 May 2025 13:51

Tgt Ion:	164	Resp:	227
Ion	Ratio	Lower	Upper
164	100		
166	50.0	100.0	150.0#
129	40.2	82.2	123.4#
131	4.2	75.2	112.8#

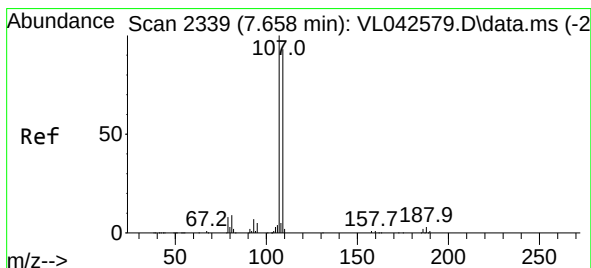
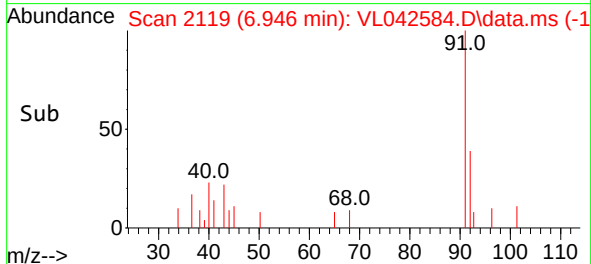
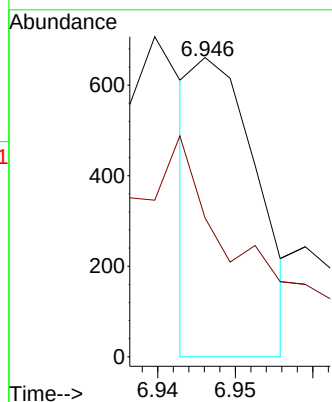
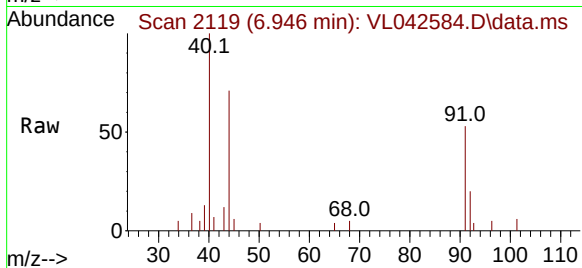




#53
Toluene
Concen: 0.011 ppbv
RT: 6.946 min Scan# 2118
Delta R.T. 0.003 min
Lab File: VL042584.D
Acq: 29 May 2025 13:51

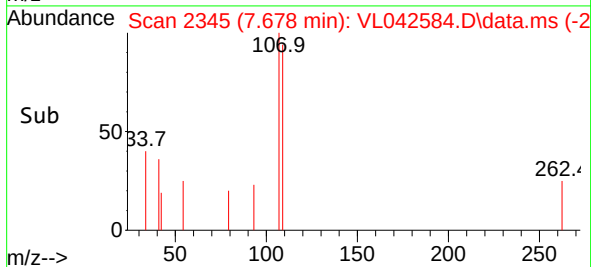
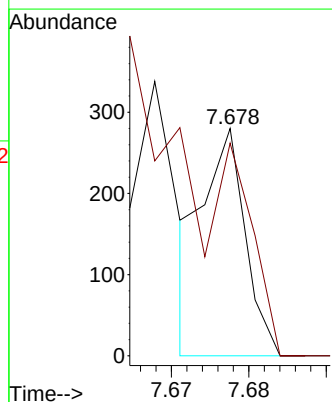
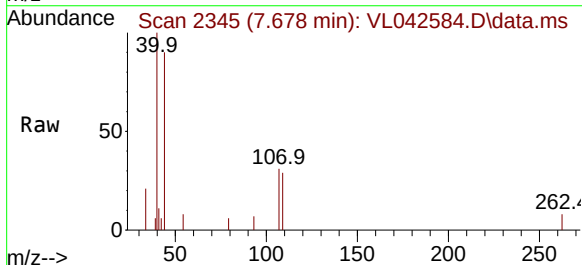
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.03

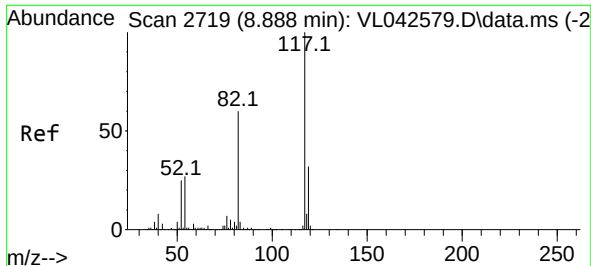
Tgt Ion: 91 Resp: 372
Ion Ratio Lower Upper
91 100
92 199.5 48.2 72.4#



#54
1,2-Dibromoethane
Concen: 0.006 ppbv
RT: 7.678 min Scan# 2345
Delta R.T. 0.019 min
Lab File: VL042584.D
Acq: 29 May 2025 13:51

Tgt Ion: 107 Resp: 104
Ion Ratio Lower Upper
107 100
109 93.6 74.3 111.5

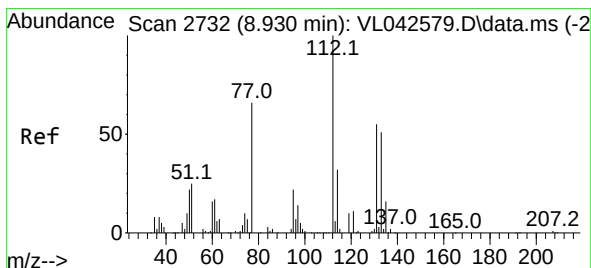
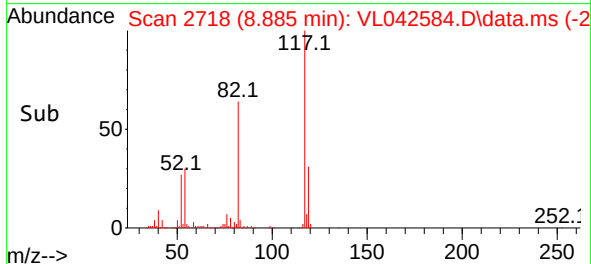
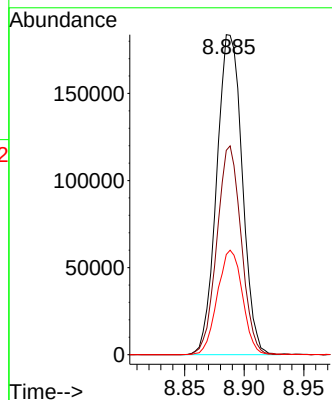
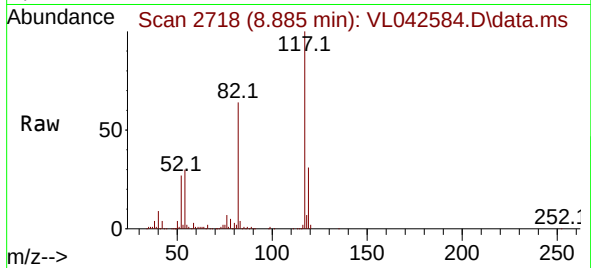




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.885 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL042584.D
Acq: 29 May 2025 13:51

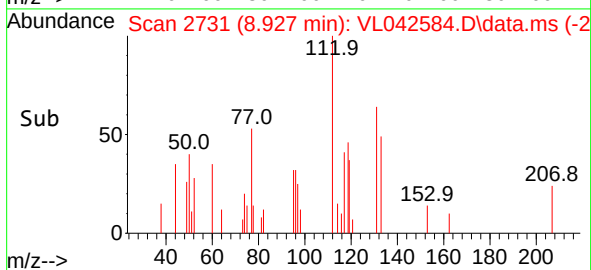
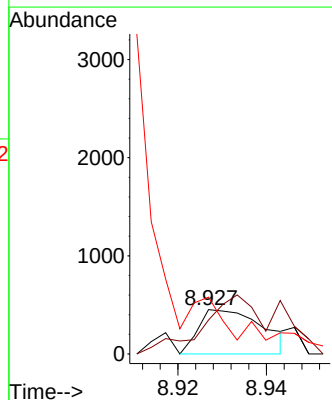
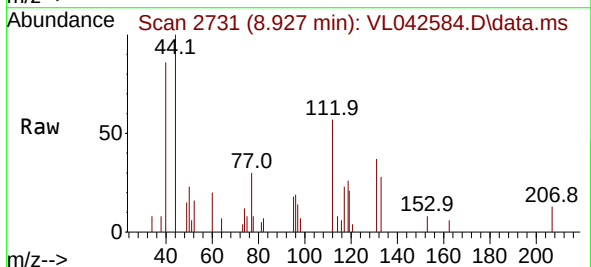
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.03

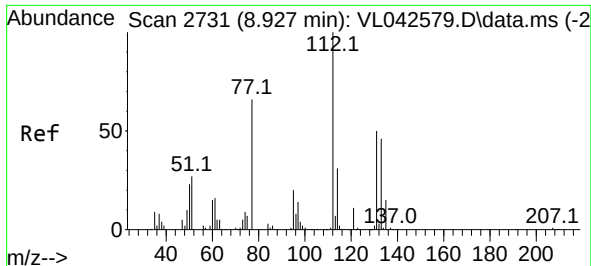
Tgt Ion:117 Resp: 273881
Ion Ratio Lower Upper
117 100
82 62.2 51.2 76.8
119 32.2 26.3 39.5



#56
1,1,1,2-Tetrachloroethane
Concen: 0.033 ppbv
RT: 8.927 min Scan# 2731
Delta R.T. -0.003 min
Lab File: VL042584.D
Acq: 29 May 2025 13:51

Tgt Ion:131 Resp: 451
Ion Ratio Lower Upper
131 100
133 165.6 75.0 112.6#
119 0.0 50.8 76.2#

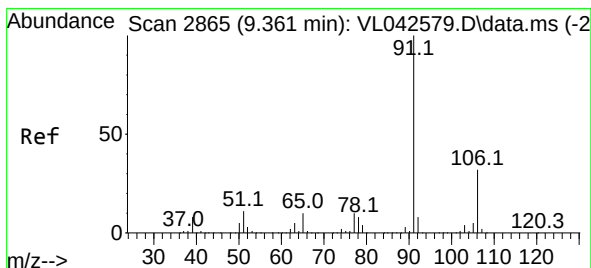
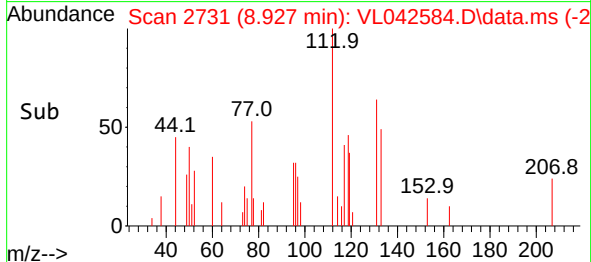
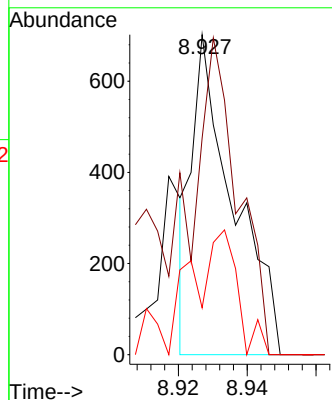
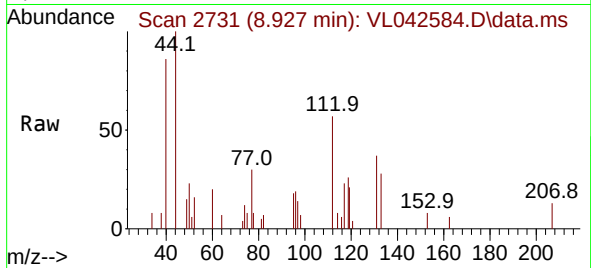




#57
Chlorobenzene
Concen: 0.022 ppbv
RT: 8.927 min Scan# 21
Delta R.T. 0.000 min
Lab File: VL042584.D
Acq: 29 May 2025 13:51

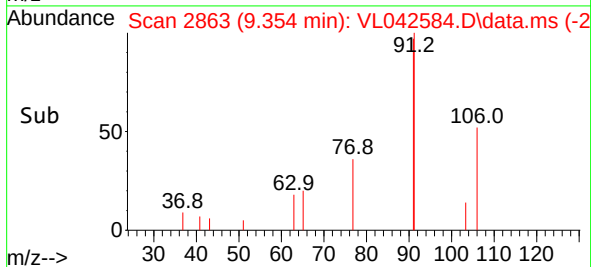
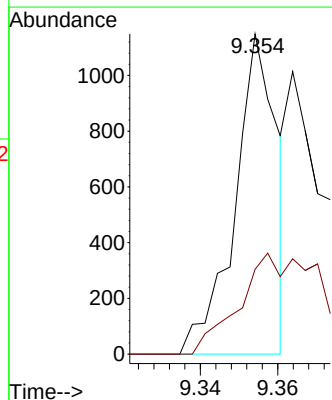
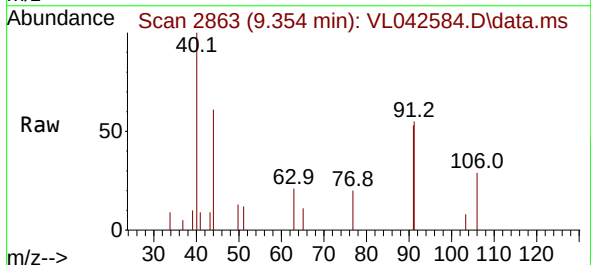
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.03

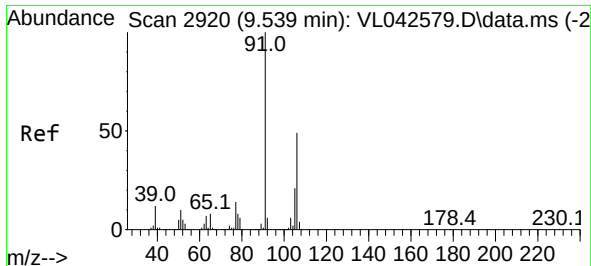
Tgt Ion:112 Resp: 585
Ion Ratio Lower Upper
112 100
77 67.7 53.5 80.3
114 14.7 27.8 34.0#



#58
Ethyl Benzene
Concen: 0.019 ppbv
RT: 9.354 min Scan# 2863
Delta R.T. -0.006 min
Lab File: VL042584.D
Acq: 29 May 2025 13:51

Tgt Ion: 91 Resp: 866
Ion Ratio Lower Upper
91 100
106 26.5 25.9 38.9





#59

m/p-Xylene

Concen: 0.010 ppbv

RT: 9.529 min Scan# 2917

Delta R.T. -0.010 min

Lab File: VL042584.D

Acq: 29 May 2025 13:51

Instrument :

MSVOA_L

ClientSampleId :

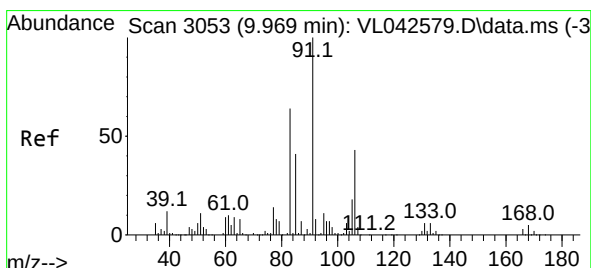
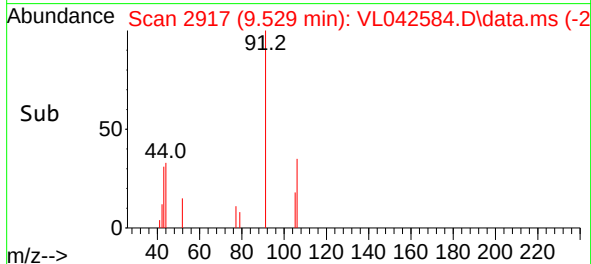
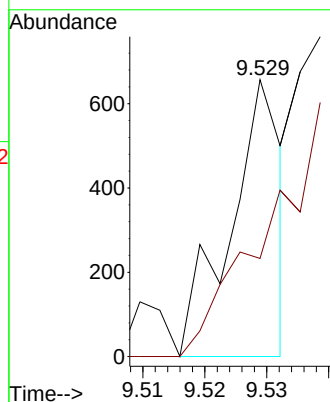
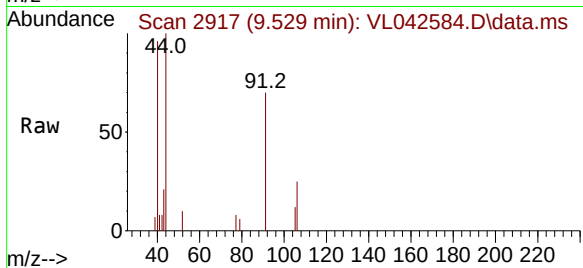
VSTDIC0.03

Tgt Ion: 91 Resp: 382

Ion Ratio Lower Upper

91 100

106 0.0 38.8 58.2#



#60

o-Xylene

Concen: 0.031 ppbv

RT: 9.972 min Scan# 3054

Delta R.T. 0.003 min

Lab File: VL042584.D

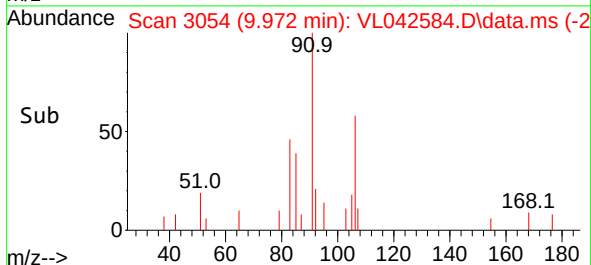
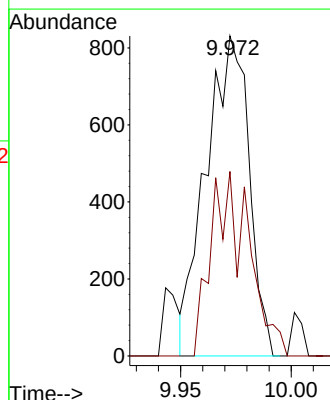
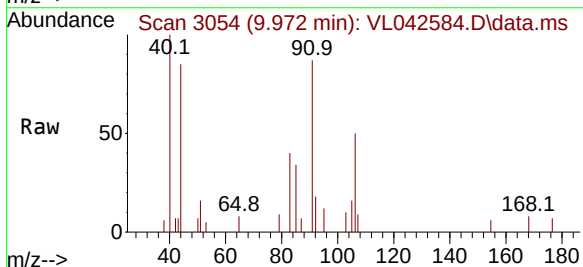
Acq: 29 May 2025 13:51

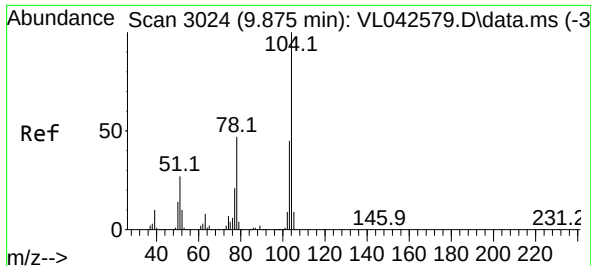
Tgt Ion: 91 Resp: 1125

Ion Ratio Lower Upper

91 100

106 50.6 22.9 68.5

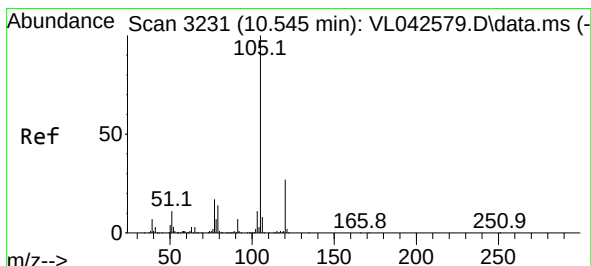
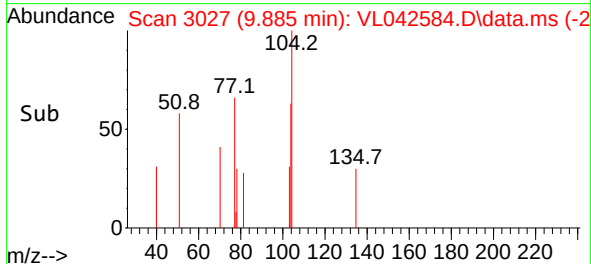
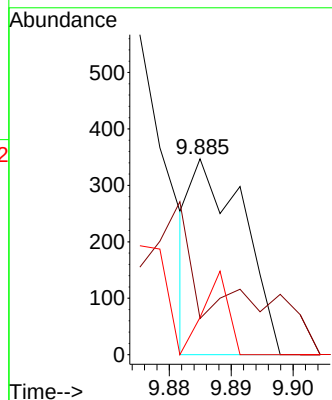
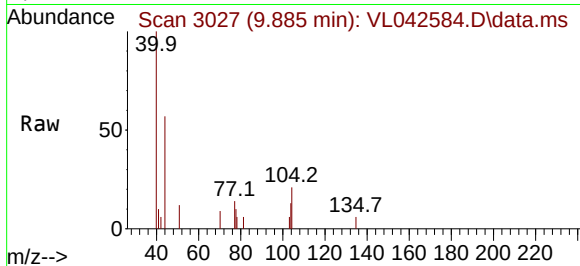




#61
Styrene
Concen: 0.012 ppbv
RT: 9.885 min Scan# 3024
Delta R.T. 0.010 min
Lab File: VL042584.D
Acq: 29 May 2025 13:51

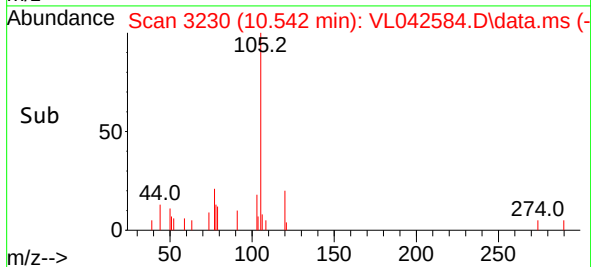
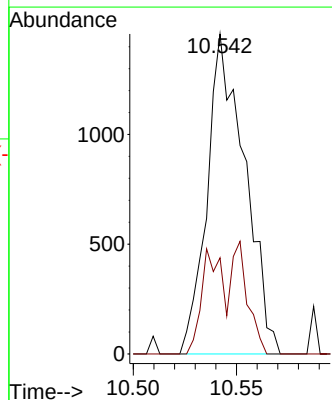
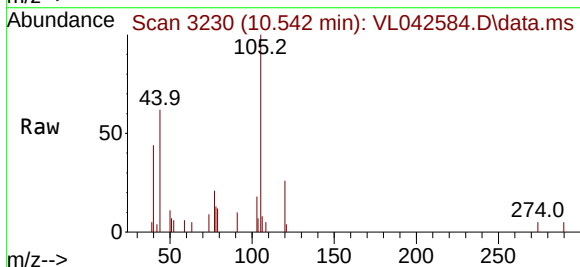
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03

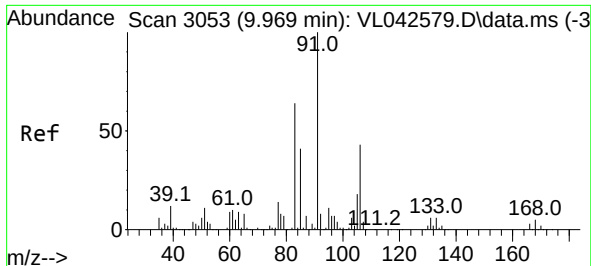
Tgt Ion:104 Resp: 201
Ion Ratio Lower Upper
104 100
78 156.2 38.2 57.4#
103 29.4 36.7 55.1#



#62
Isopropylbenzene
Concen: 0.034 ppbv
RT: 10.542 min Scan# 3230
Delta R.T. -0.003 min
Lab File: VL042584.D
Acq: 29 May 2025 13:51

Tgt Ion:105 Resp: 1842
Ion Ratio Lower Upper
105 100
120 33.3 20.9 31.3#





#63

1,1,2,2-Tetrachloroethane

Concen: 0.037 ppbv

RT: 9.969 min Scan# 3053

Delta R.T. 0.000 min

Lab File: VL042584.D

Acq: 29 May 2025 13:51

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.03

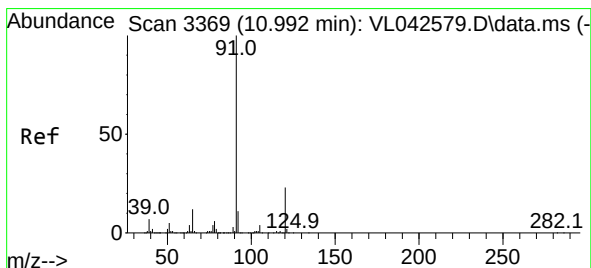
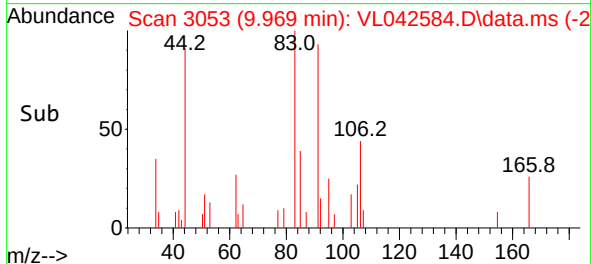
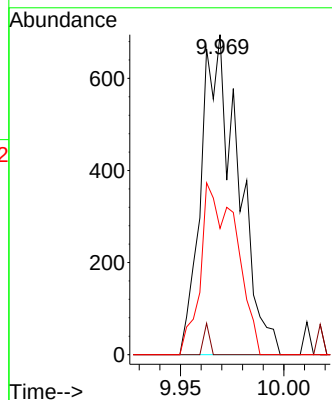
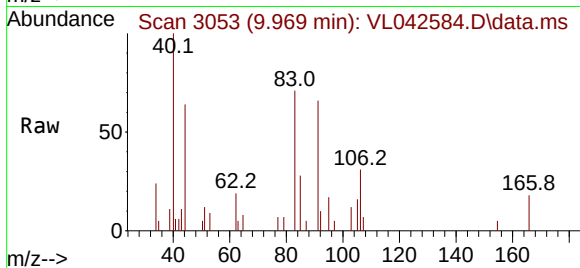
Tgt Ion: 83 Resp: 866

Ion Ratio Lower Upper

83 100

131 0.0 4.8 14.4#

85 51.4 32.5 97.4



#64

n-propylbenzene

Concen: 0.027 ppbv

RT: 10.998 min Scan# 3371

Delta R.T. 0.006 min

Lab File: VL042584.D

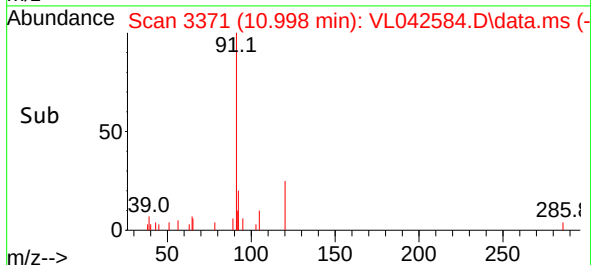
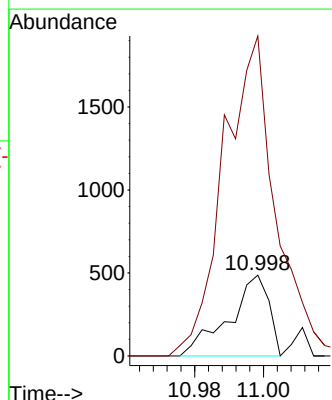
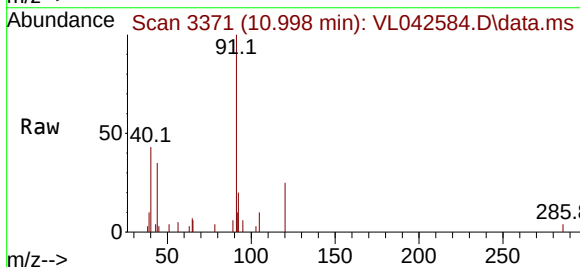
Acq: 29 May 2025 13:51

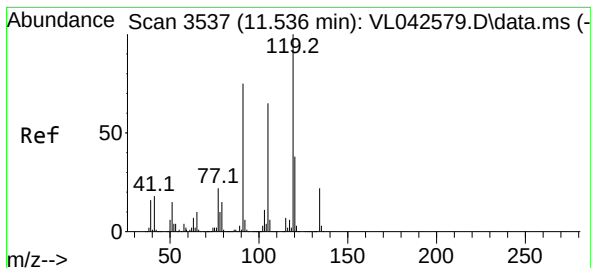
Tgt Ion: 120 Resp: 391

Ion Ratio Lower Upper

120 100

91 520.2 363.0 544.6

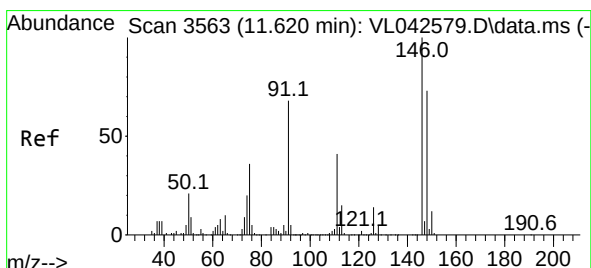
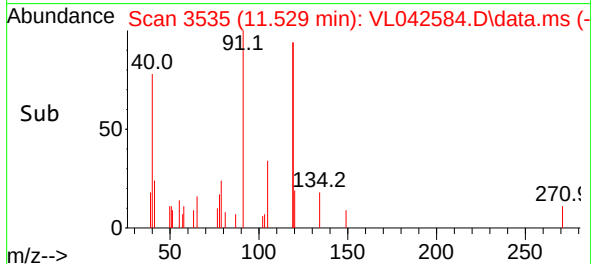
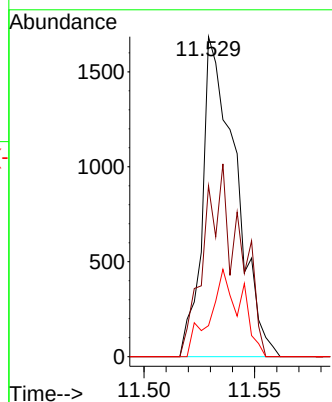
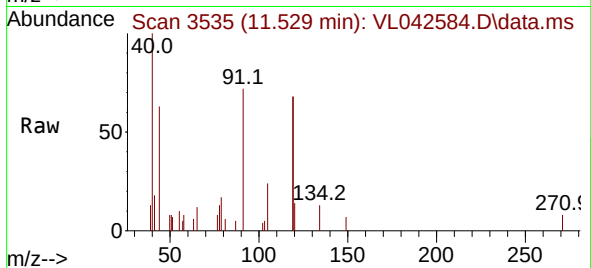




#65
tert-Butylbenzene
Concen: 0.036 ppbv
RT: 11.529 min Scan# 3535
Delta R.T. -0.006 min
Lab File: VL042584.D
Acq: 29 May 2025 13:51

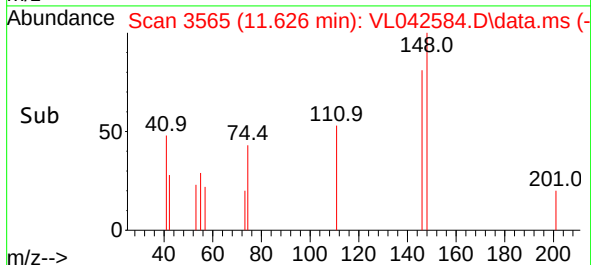
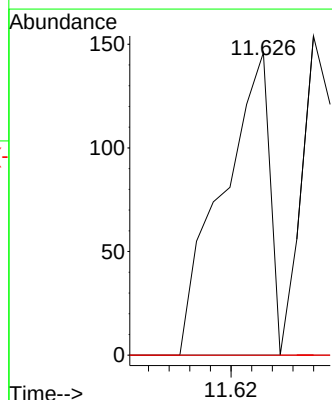
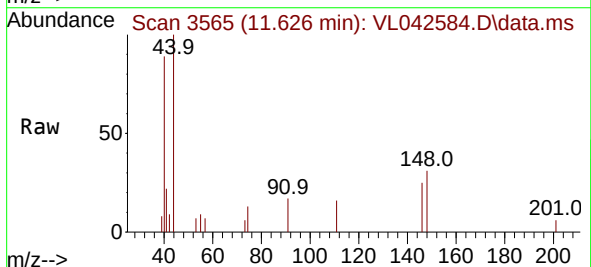
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.03

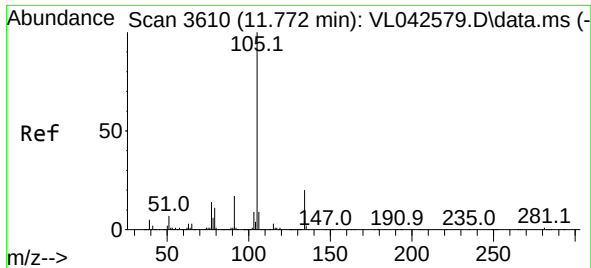
Tgt Ion:	119	Resp:	1766
Ion	Ratio	Lower	Upper
119	100		
91	64.0	61.1	91.7
134	25.7	17.4	26.2



#66
Benzyl Chloride
Concen: 0.015 ppbv
RT: 11.626 min Scan# 3565
Delta R.T. 0.006 min
Lab File: VL042584.D
Acq: 29 May 2025 13:51

Tgt Ion:	91	Resp:	93
Ion	Ratio	Lower	Upper
91	100		
126	0.0	15.1	22.7#
128	0.0	5.0	7.6#

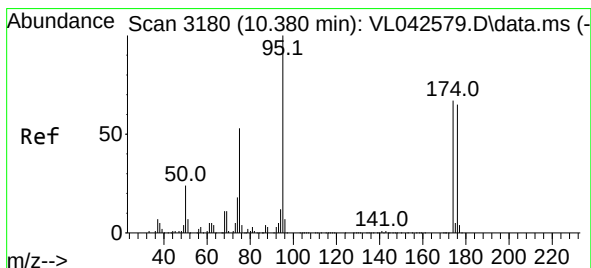
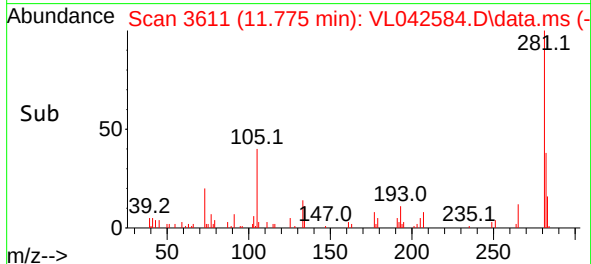
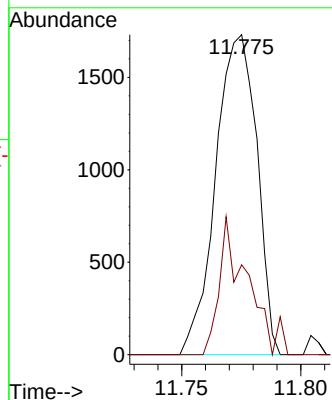
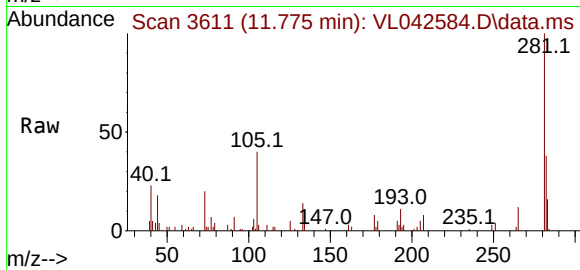




#67
 sec-Butylbenzene
 Concen: 0.030 ppbv
 RT: 11.775 min Scan# 3610
 Delta R.T. 0.003 min
 Lab File: VL042584.D
 Acq: 29 May 2025 13:51

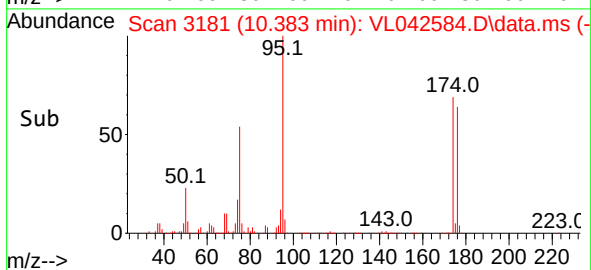
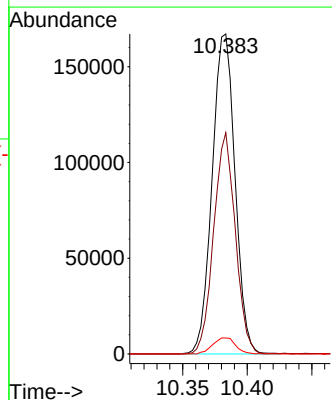
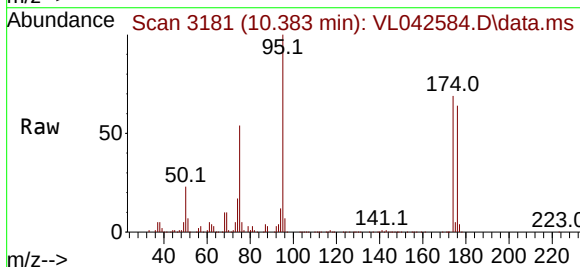
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.03

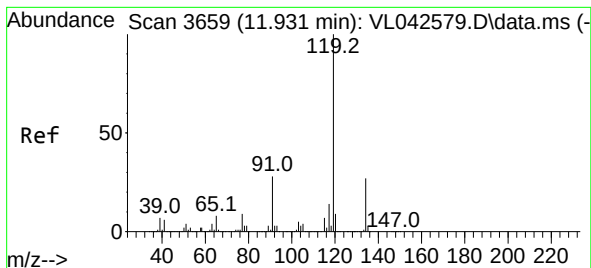
Tgt Ion:105 Resp: 2082
 Ion Ratio Lower Upper
 105 100
 134 29.8 15.8 23.6#



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.033 ppbv
 RT: 10.383 min Scan# 3181
 Delta R.T. 0.003 min
 Lab File: VL042584.D
 Acq: 29 May 2025 13:51

Tgt Ion: 95 Resp: 205981
 Ion Ratio Lower Upper
 95 100
 174 65.5 53.1 79.7
 175 5.1 4.2 6.2

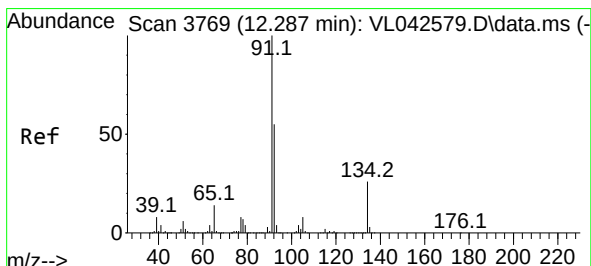
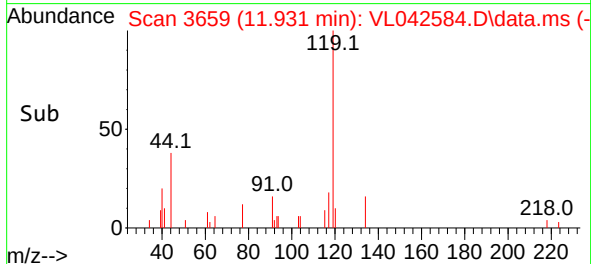
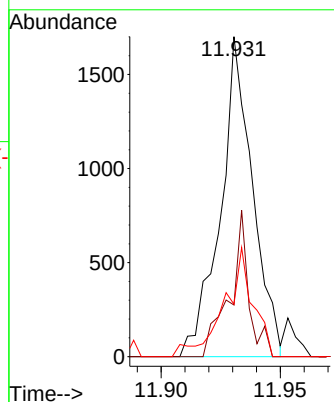
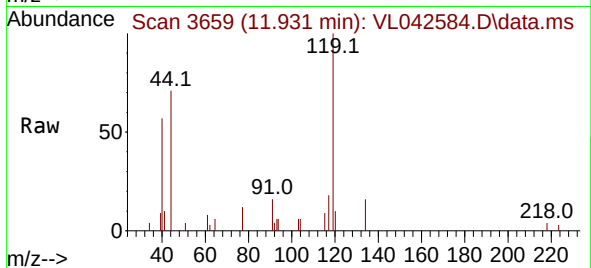




#69
 p-Isopropyltoluene
 Concen: 0.028 ppbv
 RT: 11.931 min Scan# 3659
 Delta R.T. 0.000 min
 Lab File: VL042584.D
 Acq: 29 May 2025 13:51

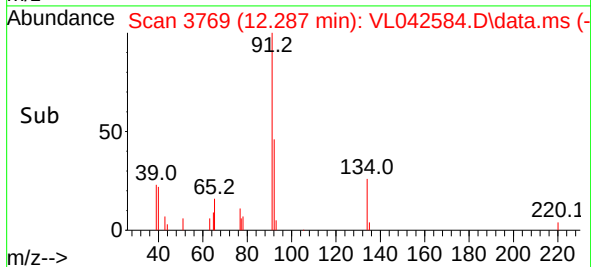
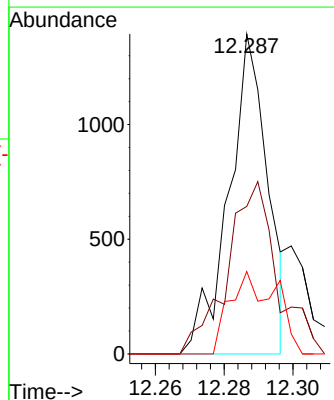
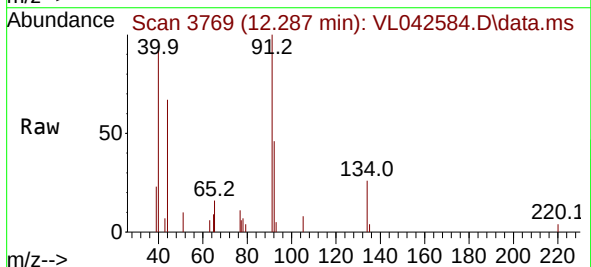
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDIC0.03

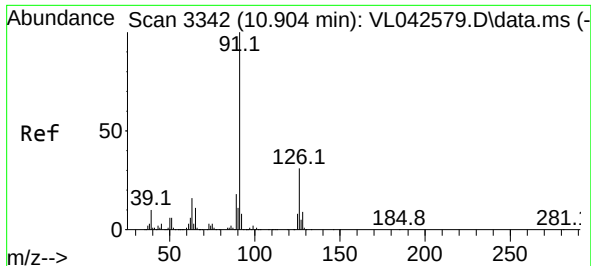
Tgt Ion: 119 Resp: 1598
 Ion Ratio Lower Upper
 119 100
 134 27.1 21.1 31.7
 91 30.4 21.9 32.9



#70
 n-Butylbenzene
 Concen: 0.019 ppbv
 RT: 12.287 min Scan# 3769
 Delta R.T. 0.000 min
 Lab File: VL042584.D
 Acq: 29 May 2025 13:51

Tgt Ion: 91 Resp: 1095
 Ion Ratio Lower Upper
 91 100
 92 73.0 44.4 66.6#
 134 32.1 20.1 30.1#

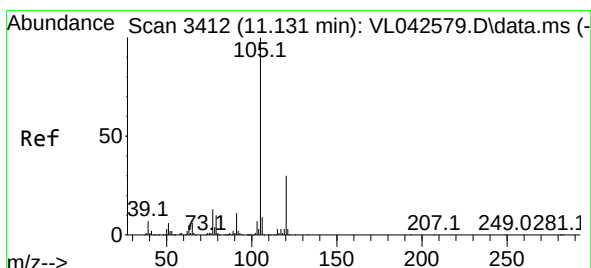
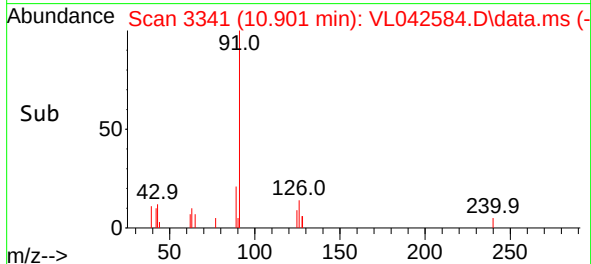
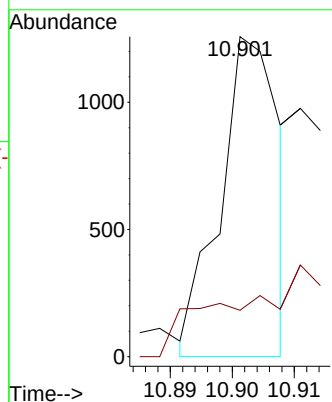
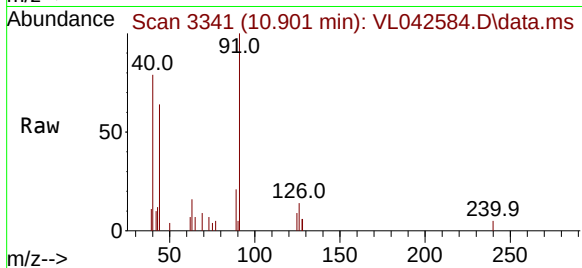




#71
2-Chlorotoluene
Concen: 0.020 ppbv
RT: 10.901 min Scan# 31
Delta R.T. -0.003 min
Lab File: VL042584.D
Acq: 29 May 2025 13:51

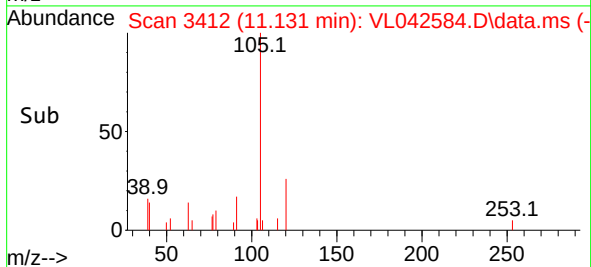
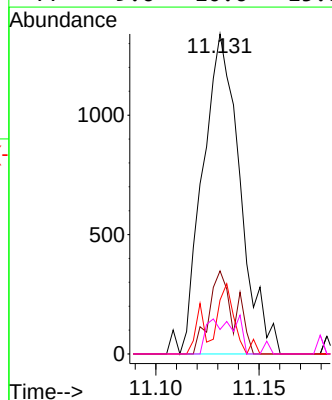
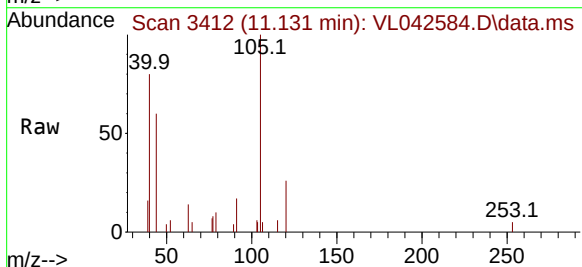
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.03

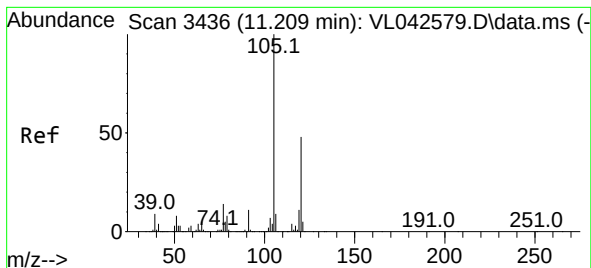
Tgt Ion: 91 Resp: 827
Ion Ratio Lower Upper
91 100
126 0.0 12.6 50.4#



#72
4-Ethyltoluene
Concen: 0.037 ppbv
RT: 11.131 min Scan# 3412
Delta R.T. 0.000 min
Lab File: VL042584.D
Acq: 29 May 2025 13:51

Tgt Ion: 105 Resp: 1671
Ion Ratio Lower Upper
105 100
120 17.9 24.6 36.8#
91 13.7 9.6 14.4
77 9.6 10.6 15.8#





#73

1,3,5-Trimethylbenzene

Concen: 0.031 ppbv

RT: 11.212 min Scan# 3437

Delta R.T. 0.003 min

Lab File: VL042584.D

Acq: 29 May 2025 13:51

Instrument :

MSVOA_L

ClientSampleId :

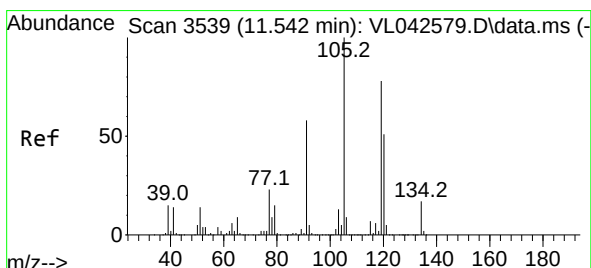
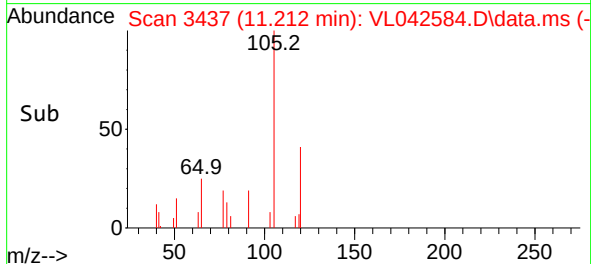
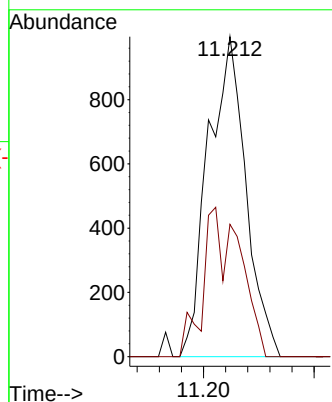
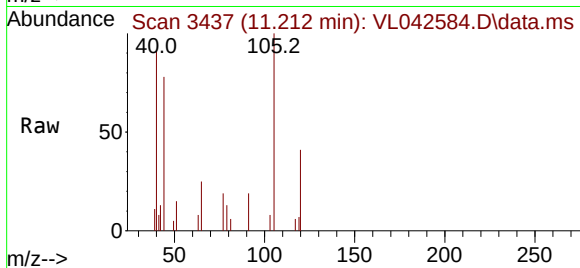
VSTDIC0.03

Tgt Ion:105 Resp: 1177

Ion Ratio Lower Upper

105 100

120 41.4 38.8 58.2



#74

1,2,4-Trimethylbenzene

Concen: 0.033 ppbv

RT: 11.542 min Scan# 3539

Delta R.T. 0.000 min

Lab File: VL042584.D

Acq: 29 May 2025 13:51

Tgt Ion:105 Resp: 1387

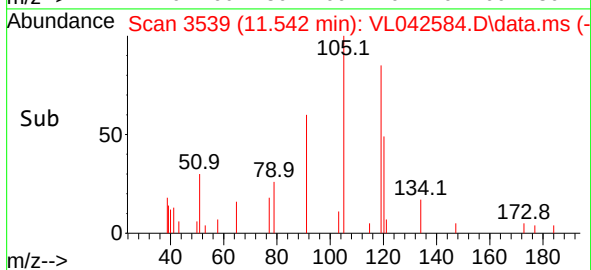
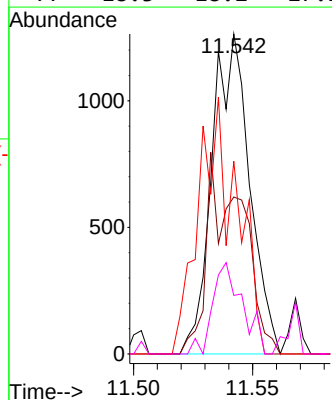
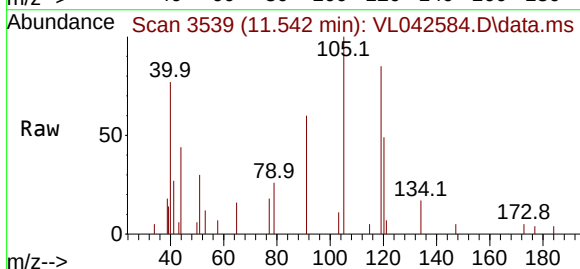
Ion Ratio Lower Upper

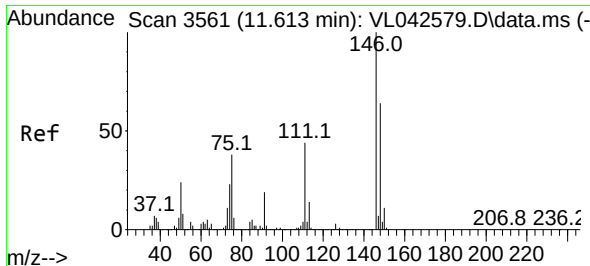
105 100

120 49.1 40.8 61.2

91 60.2 46.8 70.2

77 18.3 18.2 27.2

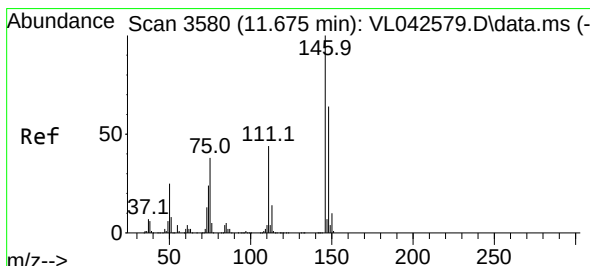
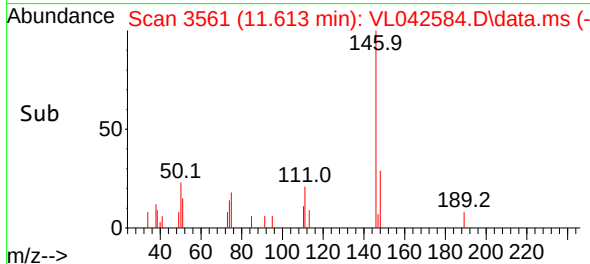
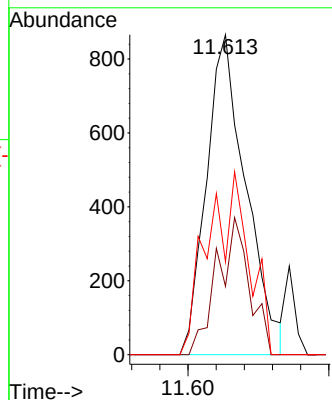
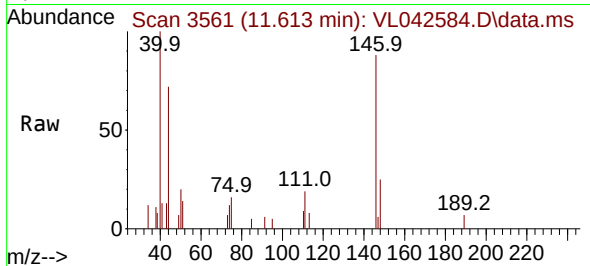




#75
1,3-Dichlorobenzene
Concen: 0.032 ppbv
RT: 11.613 min Scan# 3561
Delta R.T. 0.000 min
Lab File: VL042584.D
Acq: 29 May 2025 13:51

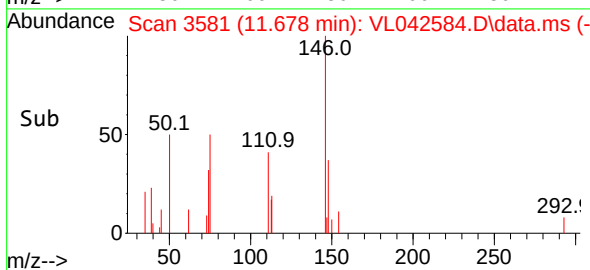
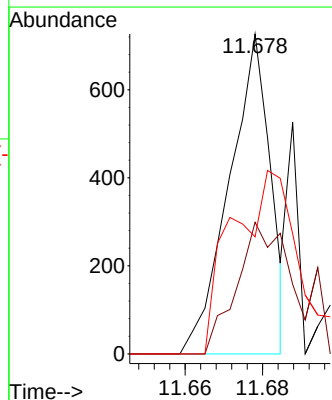
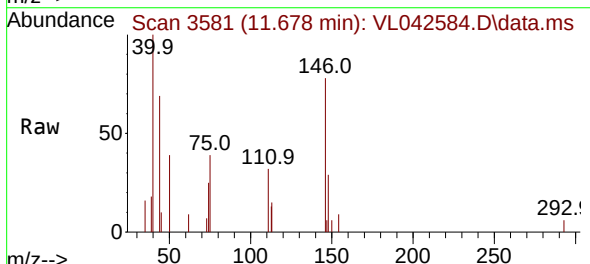
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03

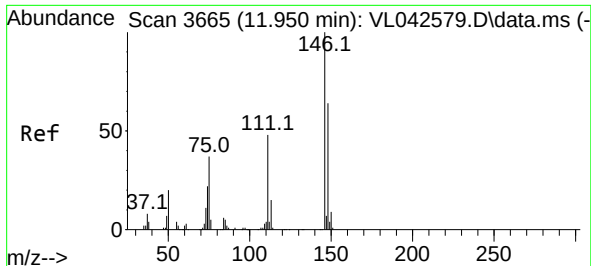
Tgt Ion:146	Resp:	843	
Ion	Ratio	Lower	Upper
146	100		
111	34.8	22.4	67.3
148	59.2	32.0	96.2



#76
1,4-Dichlorobenzene
Concen: 0.021 ppbv
RT: 11.678 min Scan# 3581
Delta R.T. 0.003 min
Lab File: VL042584.D
Acq: 29 May 2025 13:51

Tgt Ion:146	Resp:	538	
Ion	Ratio	Lower	Upper
146	100		
111	58.7	21.6	64.8
148	90.9	32.1	96.5

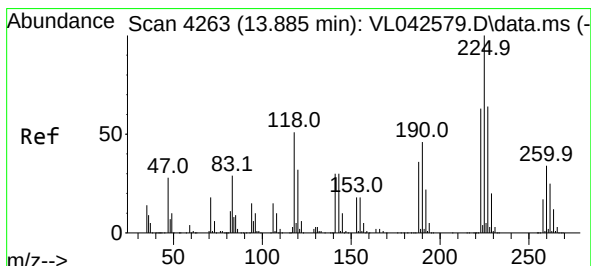
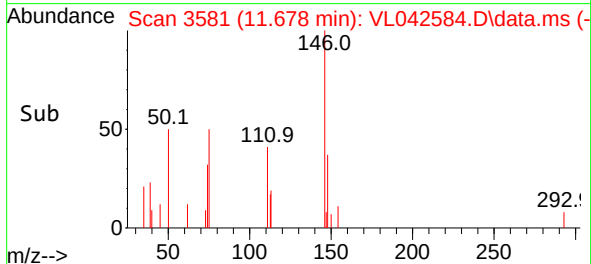
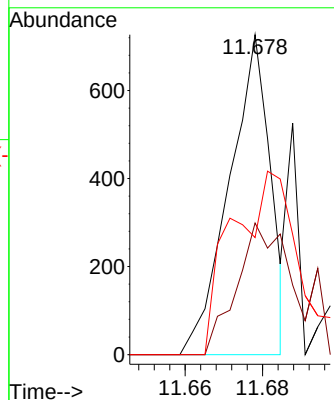
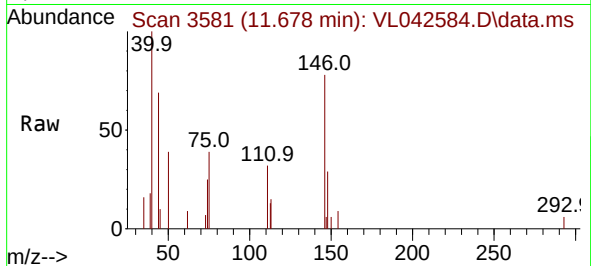




#77
1,2-Dichlorobenzene
Concen: 0.021 ppbv
RT: 11.678 min Scan# 31
Delta R.T. -0.272 min
Lab File: VL042584.D
Acq: 29 May 2025 13:51

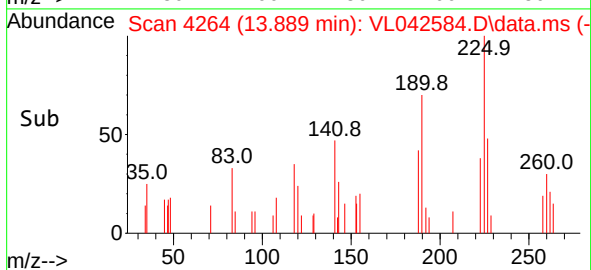
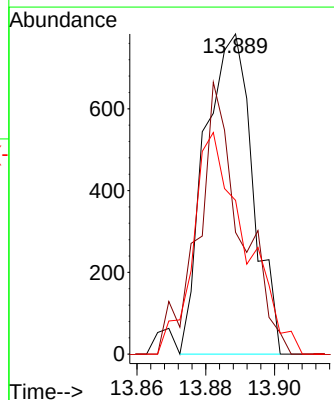
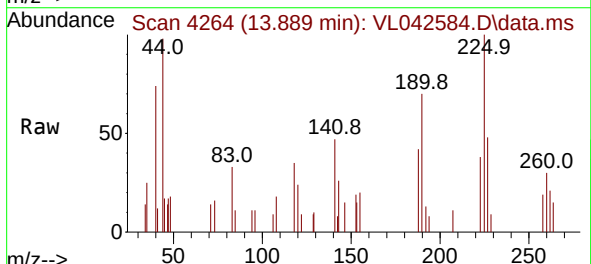
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03

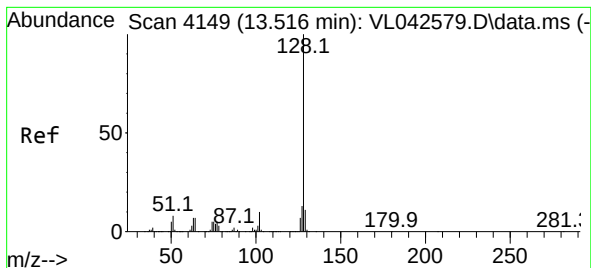
Tgt Ion:146 Resp: 538
Ion Ratio Lower Upper
146 100
111 58.7 23.1 69.3
148 90.9 32.1 96.3



#78
Hexachloro-1,3-Butadiene
Concen: 0.036 ppbv
RT: 13.889 min Scan# 4264
Delta R.T. 0.003 min
Lab File: VL042584.D
Acq: 29 May 2025 13:51

Tgt Ion:225 Resp: 756
Ion Ratio Lower Upper
225 100
223 76.1 50.2 75.4#
227 75.7 51.1 76.7





#79

Naphthalene

Concen: 0.005 ppbv

RT: 13.513 min Scan# 4149

Delta R.T. -0.003 min

Lab File: VL042584.D

Acq: 29 May 2025 13:51

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.03

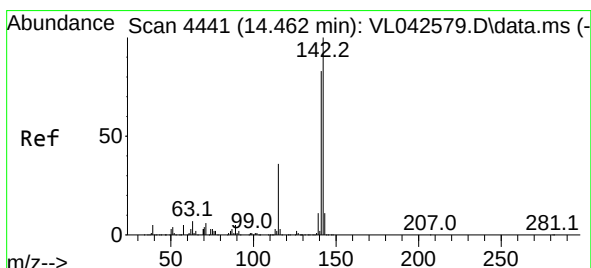
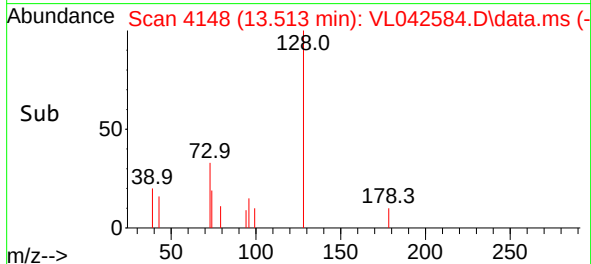
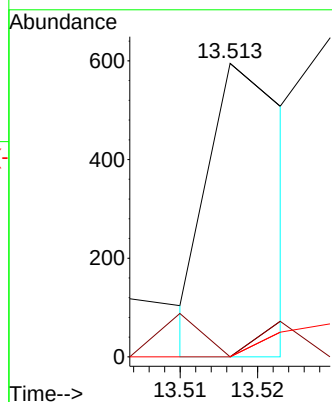
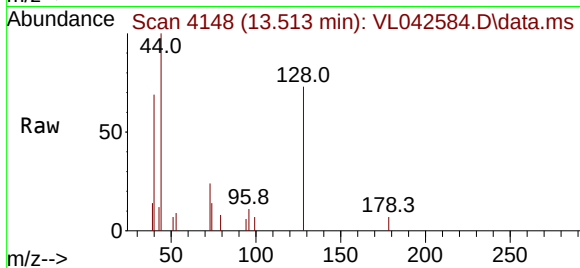
Tgt Ion:128 Resp: 214

Ion Ratio Lower Upper

128 100

127 0.0 10.2 15.4#

129 0.0 8.8 13.2#



#80

Naphthalene,2-methyl-

Concen: 0.012 ppbv

RT: 14.487 min Scan# 4449

Delta R.T. 0.026 min

Lab File: VL042584.D

Acq: 29 May 2025 13:51

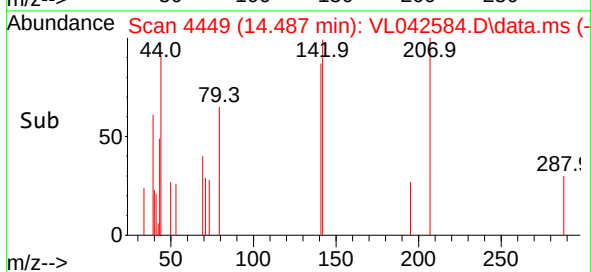
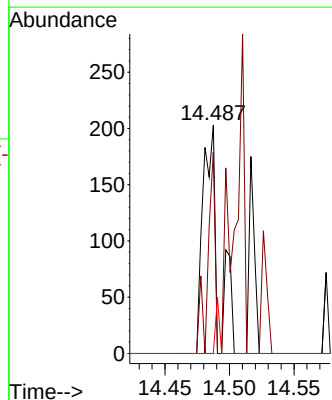
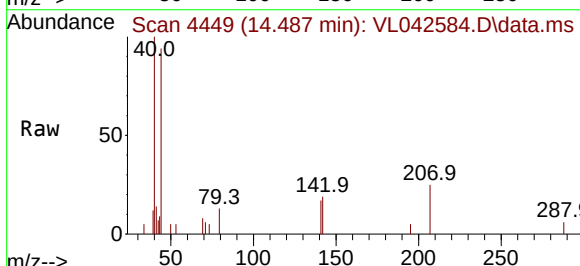
Tgt Ion:142 Resp: 210

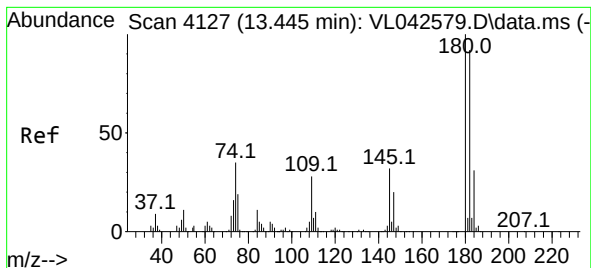
Ion Ratio Lower Upper

142 100

141 111.4 66.2 99.4#

115 4.8 28.3 42.5#





#81

1,2,4-Trichlorobenzene

Concen: 0.016 ppbv

RT: 13.448 min Scan# 41

Delta R.T. 0.003 min

Lab File: VL042584.D

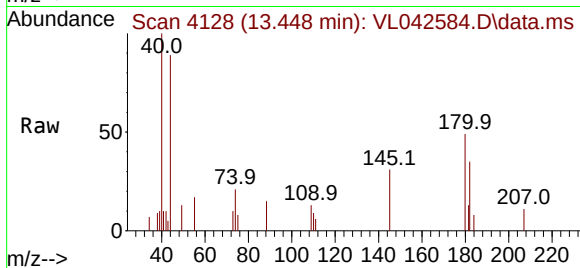
Acq: 29 May 2025 13:51

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.03



Tgt Ion:	180	Resp:	350
Ion Ratio	Lower	Upper	
180	100		
182	96.0	75.0	112.4
184	19.7	24.6	36.8#

