

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL030525\
 Data File : VL042097.D
 Acq On : 05 Mar 2025 10:47
 Operator : SY/MD
 Sample : VL0303ABS01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0305ABS01

Quant Time: Mar 06 01:04:10 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL022525AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Wed Feb 26 01:08:36 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.800	49	160352	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.982	114	379500	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.905	117	316612	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.393	95	251469	10.324	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.200%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.506	85	194657	11.674	ppbv	99
3) Chlorodifluoromethane	1.483	51	246359	10.571	ppbv	99
4) Chloromethane	1.538	50	71171	11.542	ppbv	99
5) Vinyl Chloride	1.586	62	69130	11.852	ppbv	100
6) Bromomethane	1.674	94	33128	11.928	ppbv	97
7) Chloroethane	1.713	64	27759	11.713	ppbv	89
8) Dichlorotetrafluoroethane	1.561	85	162757	11.874	ppbv	99
9) Propene	1.489	41	96352	10.148	ppbv	99
10) Heptane	5.008	43	298220	10.088	ppbv	98
11) Trichlorofluoromethane	1.884	101	205498	12.300	ppbv	99
12) 1,1,2-Trichlorotrifluo...	2.150	101	160708	12.058	ppbv	95
13) Ethanol	1.729	45	4072	6.756	ppbv	81
14) Bromoethene	1.790	108	55379	11.767	ppbv	98
15) Acetone	1.842	43	157750	11.140	ppbv	99
16) 1,3-Butadiene	1.616	39	75573	11.468	ppbv	100
17) tert-Butyl alcohol	2.049	59	177011	9.991	ppbv	98
18) 1,1-Dichloroethene	2.043	96	65470	10.872	ppbv	94
19) Isopropyl Alcohol	1.894	45	86867	10.679	ppbv	97
20) Methylene Chloride	2.072	84	56501	10.548	ppbv	96
21) Allyl Chloride	2.108	41	115415	11.280	ppbv	98
22) trans-1,2-Dichloroethene	2.350	96	79822	11.370	ppbv	93
23) Vinyl Acetate	2.473	43	92207	9.260	ppbv #	96
24) 1,1-Dichloroethane	2.418	63	153850	11.778	ppbv	99
25) Ethyl Acetate	2.852	43	597115	10.535	ppbv	99
26) Hexane	2.839	57	232377	10.141	ppbv	96
27) Carbon Disulfide	2.159	76	186159	11.984	ppbv	97
28) Methyl tert-Butyl Ether	2.454	73	151716	13.299	ppbv	97
29) Chloroform	2.862	83	313061	10.151	ppbv	100
30) Cyclohexane	3.878	84	179953	9.675	ppbv	95
31) cis-1,2-Dichloroethene	2.735	61	213357	9.836	ppbv	98
32) 1,1,1-Trichloroethane	3.386	97	292336	9.772	ppbv	96
34) 2-Butanone	2.570	43	333123	11.267	ppbv	98
35) Carbon Tetrachloride	3.781	117	297817	11.380	ppbv	98
36) Benzene	3.677	78	435850	10.971	ppbv	98
37) 1,2-Dichloroethane	3.237	62	240492	10.918	ppbv	98
38) Trichloroethene	4.574	130	166781	10.281	ppbv	94
39) 1,2-Dichloropropane	4.338	63	162248	10.760	ppbv	96
40) 1,4-Dioxane	4.613	88	75498	10.968	ppbv #	99
41) Tetrahydrofuran	3.072	42	191294	10.950	ppbv	97
42) Bromodichloromethane	4.516	83	326265	10.994	ppbv	97
43) Methyl Methacrylate	4.907	69	166024	10.701	ppbv	97
44) 2,2,4-Trimethylpentane	4.668	57	785565	11.204	ppbv	98
45) t-1,3-Dichloropropene	6.451	75	148287	9.620	ppbv	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL030525\
 Data File : VL042097.D
 Acq On : 05 Mar 2025 10:47
 Operator : SY/MD
 Sample : VL0303ABS01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

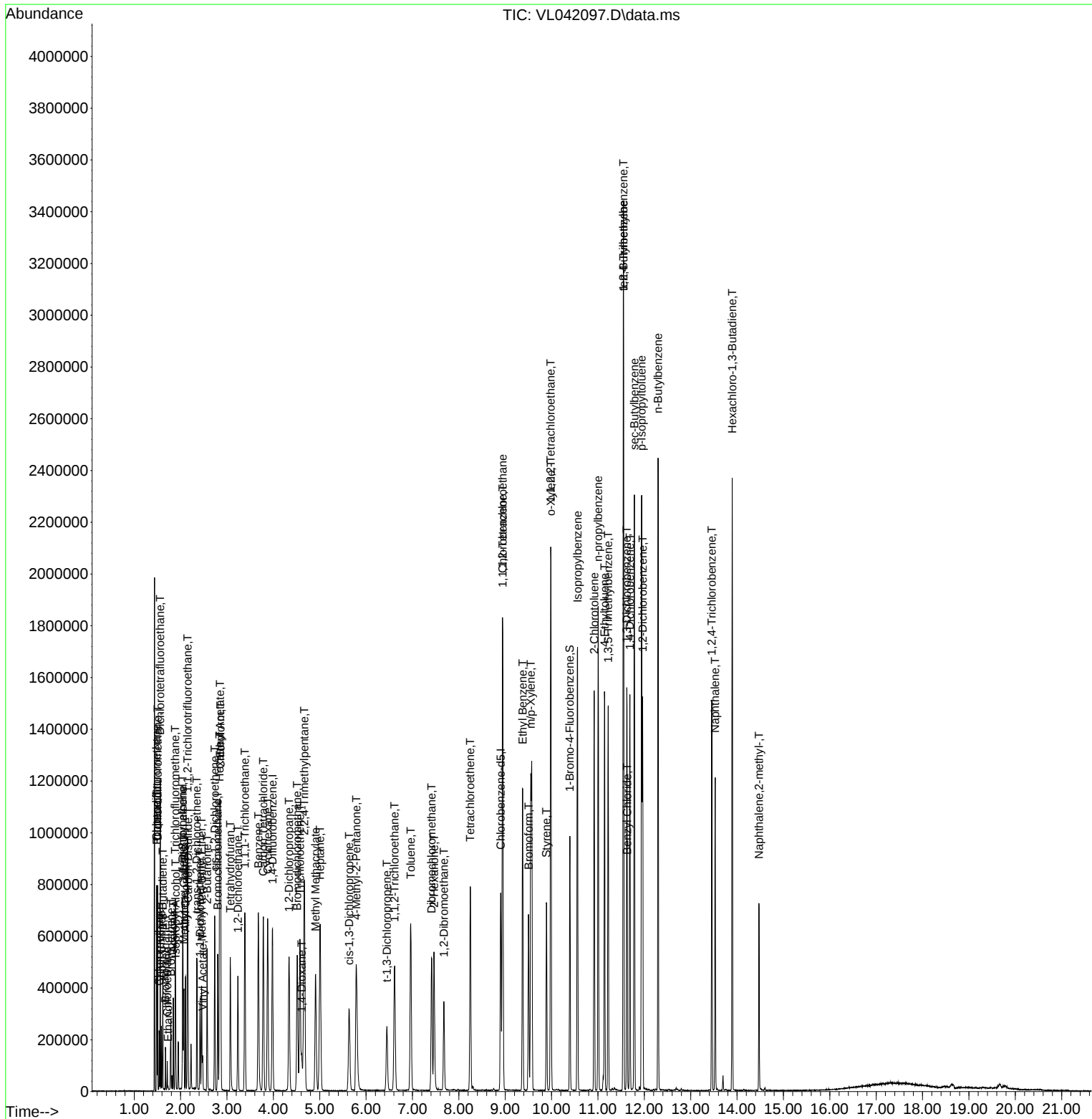
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 MSVOA_L
 ClientSampleId :
 VL0305ABS01

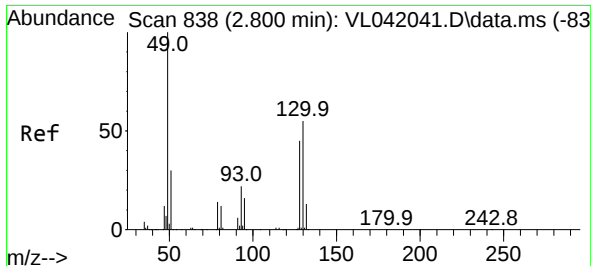
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 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Wed Feb 26 01:08:36 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	5.636	75	207033	10.379	ppbv	95
47) 1,1,2-Trichloroethane	6.613	97	167793	10.961	ppbv	99
48) Dibromochloromethane	7.412	129	262758	10.959	ppbv	99
49) Bromoform	9.503	173	229272	11.011	ppbv	99
50) 4-Methyl-2-Pentanone	5.788	43	461338	12.065	ppbv	97
51) 2-Hexanone	7.464	43	369072	14.024	ppbv #	97
52) Tetrachloroethene	8.247	164	144742	10.642	ppbv	96
53) Toluene	6.963	91	468447	10.551	ppbv	98
54) 1,2-Dibromoethane	7.678	107	222200	10.736	ppbv	100
56) 1,1,1,2-Tetrachloroethane	8.947	131	209934	11.731	ppbv	100
57) Chlorobenzene	8.943	112	381160	11.611	ppbv	98
58) Ethyl Benzene	9.377	91	646635	11.090	ppbv	99
59) m/p-Xylene	9.552	91	557083	12.006	ppbv #	100
60) o-Xylene	9.986	91	535123	11.472	ppbv	99
61) Styrene	9.888	104	240915	10.985	ppbv	100
62) Isopropylbenzene	10.558	105	794251	11.369	ppbv	99
63) 1,1,2,2-Tetrachloroethane	9.982	83	371615	12.097	ppbv	98
64) n-propylbenzene	11.005	120	214049	11.681	ppbv	99
65) tert-Butylbenzene	11.549	119	716249	11.265	ppbv	100
66) Benzyl Chloride	11.633	91	42880	8.838	ppbv	98
67) sec-Butylbenzene	11.785	105	1032923	11.360	ppbv	99
69) p-Isopropyltoluene	11.944	119	841604	11.633	ppbv	99
70) n-Butylbenzene	12.297	91	863719	11.696	ppbv	99
71) 2-Chlorotoluene	10.921	91	601798	11.174	ppbv	100
72) 4-Ethyltoluene	11.141	105	656733	11.531	ppbv	99
73) 1,3,5-Trimethylbenzene	11.219	105	555629	11.246	ppbv	99
74) 1,2,4-Trimethylbenzene	11.552	105	619811	11.141	ppbv	92
75) 1,3-Dichlorobenzene	11.623	146	369651	11.545	ppbv	98
76) 1,4-Dichlorobenzene	11.688	146	367199	11.551	ppbv	99
77) 1,2-Dichlorobenzene	11.963	146	359930	11.584	ppbv	100
78) Hexachloro-1,3-Butadiene	13.895	225	250988	10.382	ppbv	99
79) Naphthalene	13.530	128	548544	14.380	ppbv	99
80) Naphthalene,2-methyl-	14.472	142	194094	18.593	ppbv	98
81) 1,2,4-Trichlorobenzene	13.455	180	246986	11.618	ppbv	99

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

Quant Time: Mar 06 01:04:10 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL022525AIR.M
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QLast Update : Wed Feb 26 01:08:36 2025
Response via : Initial Calibration

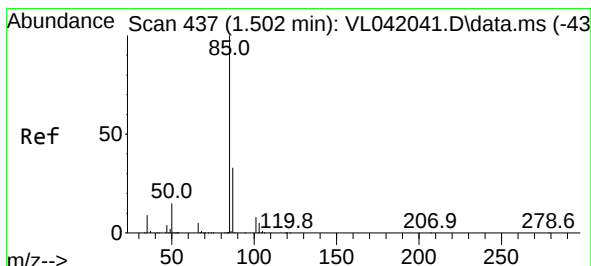
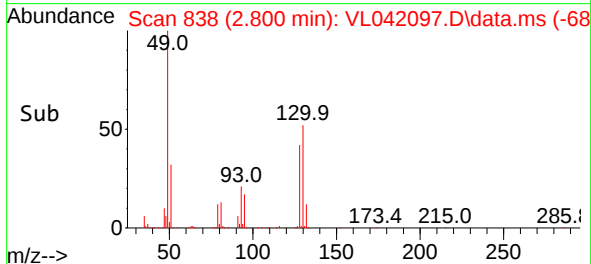
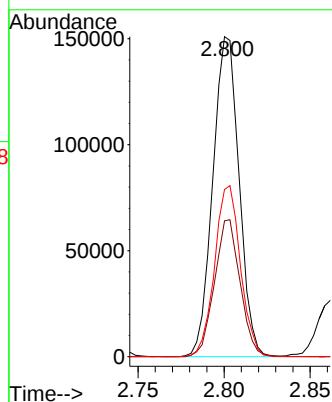
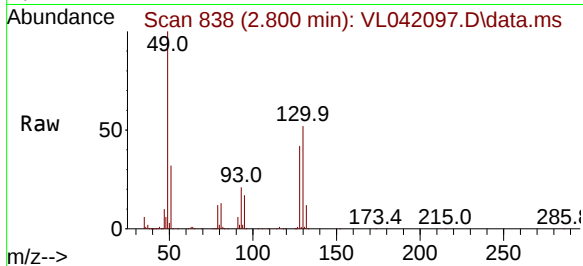




#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 2.800 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VL042097.D
 Acq: 05 Mar 2025 10:47

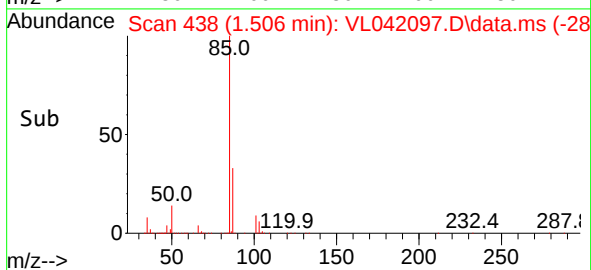
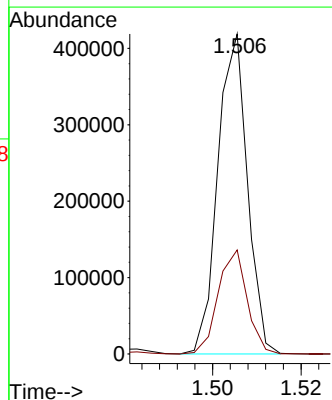
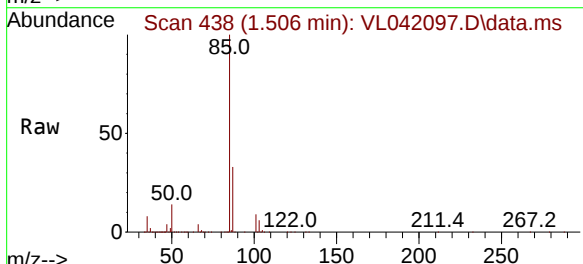
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0305ABS01

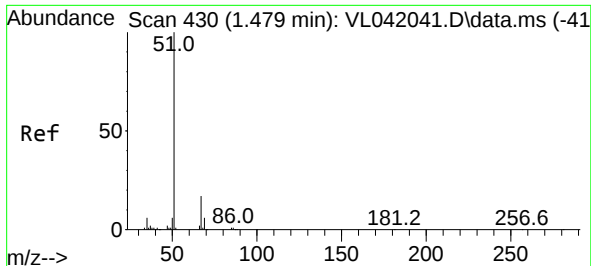
Tgt Ion: 49 Resp: 160352
 Ion Ratio Lower Upper
 49 100
 128 41.7 21.6 64.8
 130 52.6 27.8 83.4



#2
 Dichlorodifluoromethane
 Concen: 11.674 ppbv
 RT: 1.506 min Scan# 438
 Delta R.T. 0.003 min
 Lab File: VL042097.D
 Acq: 05 Mar 2025 10:47

Tgt Ion: 85 Resp: 194657
 Ion Ratio Lower Upper
 85 100
 87 32.5 26.4 39.6

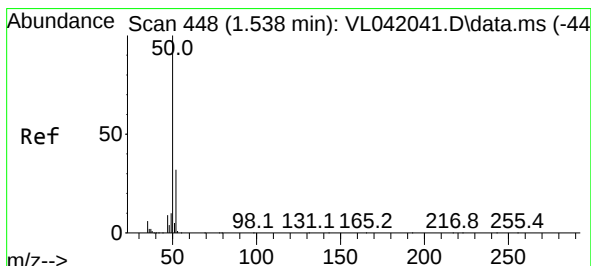
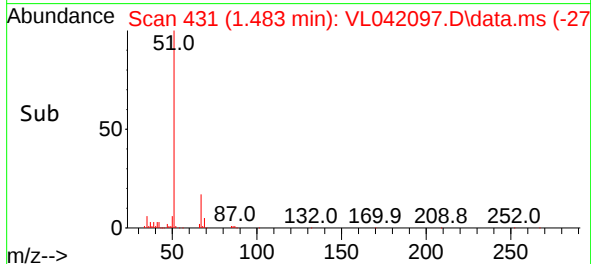
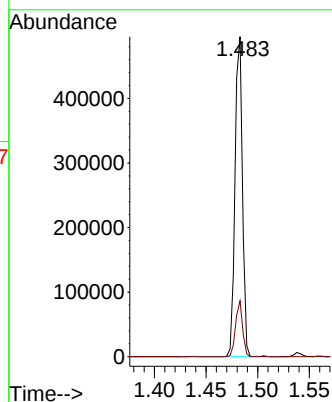
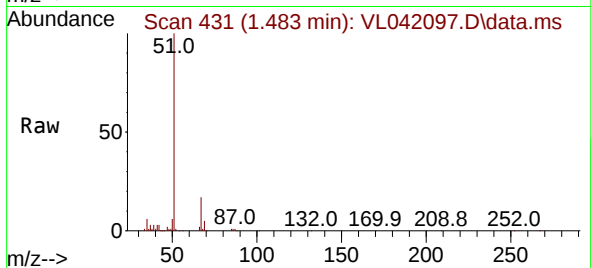




#3
Chlorodifluoromethane
Concen: 10.571 ppbv
RT: 1.483 min Scan# 431
Delta R.T. 0.003 min
Lab File: VL042097.D
Acq: 05 Mar 2025 10:47

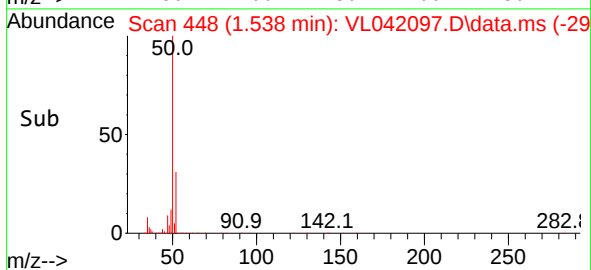
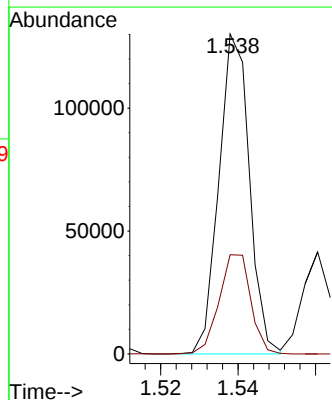
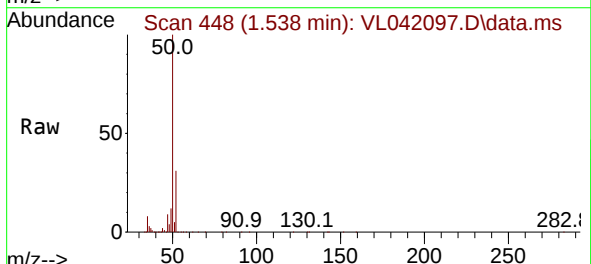
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ClientSampleId :
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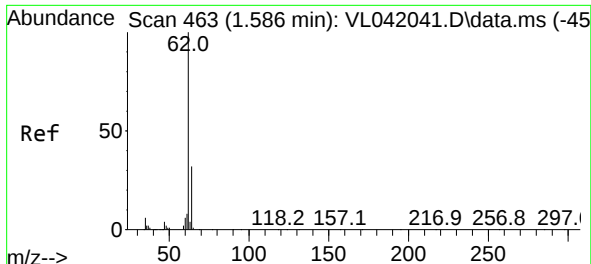
Tgt Ion: 51 Resp: 246359
Ion Ratio Lower Upper
51 100
67 16.5 13.7 20.5



#4
Chloromethane
Concen: 11.542 ppbv
RT: 1.538 min Scan# 448
Delta R.T. 0.000 min
Lab File: VL042097.D
Acq: 05 Mar 2025 10:47

Tgt Ion: 50 Resp: 71171
Ion Ratio Lower Upper
50 100
52 30.9 25.4 38.0

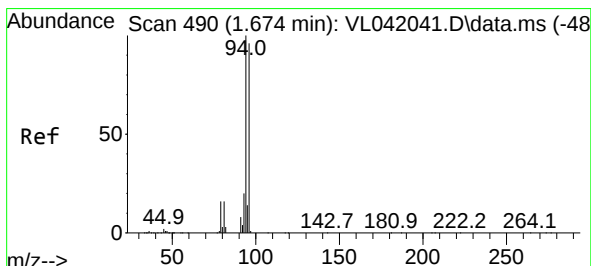
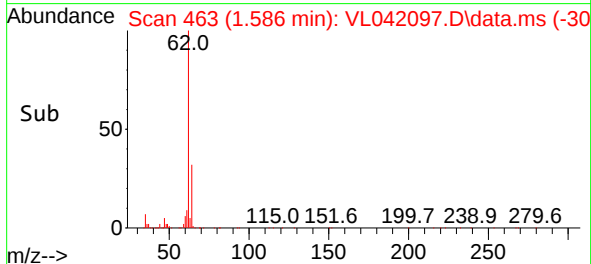
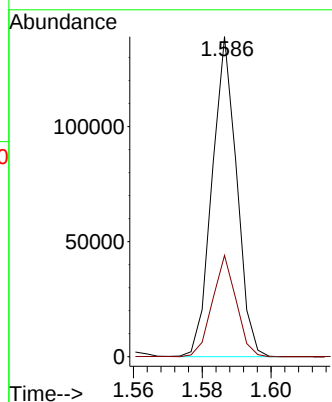
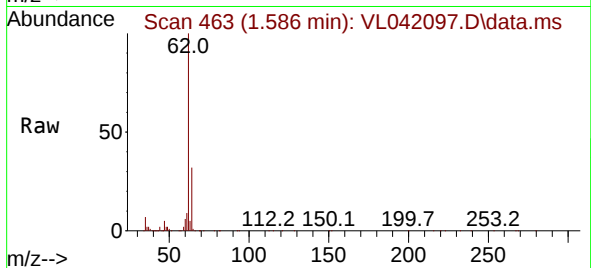




#5
 Vinyl Chloride
 Concen: 11.852 ppbv
 RT: 1.586 min Scan# 463
 Delta R.T. 0.000 min
 Lab File: VL042097.D
 Acq: 05 Mar 2025 10:47

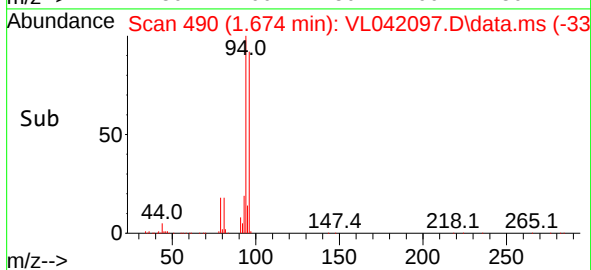
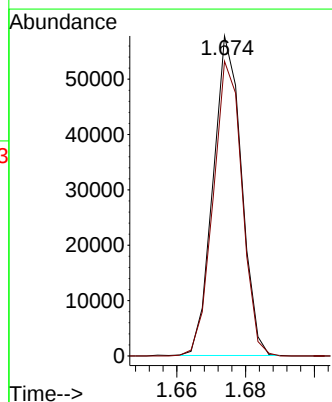
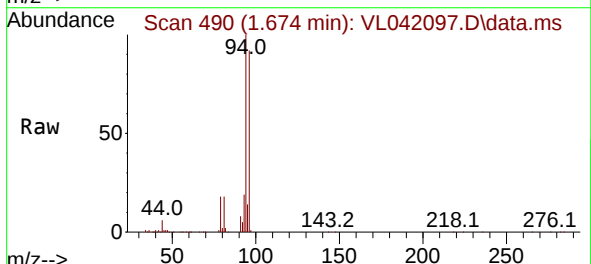
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 VL0305ABS01

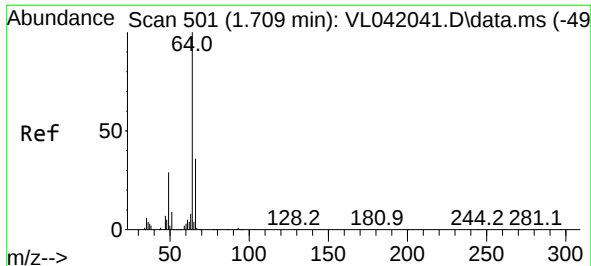
Tgt Ion: 62 Resp: 69130
 Ion Ratio Lower Upper
 62 100
 64 31.7 25.3 37.9



#6
 Bromomethane
 Concen: 11.928 ppbv
 RT: 1.674 min Scan# 490
 Delta R.T. 0.000 min
 Lab File: VL042097.D
 Acq: 05 Mar 2025 10:47

Tgt Ion: 94 Resp: 33128
 Ion Ratio Lower Upper
 94 100
 96 92.2 76.5 114.7

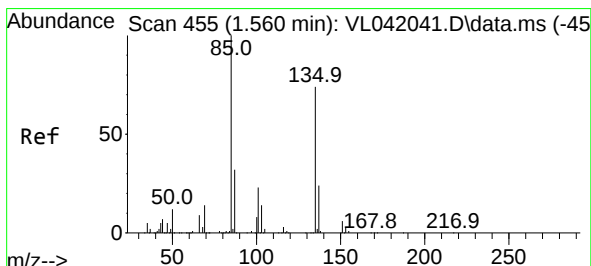
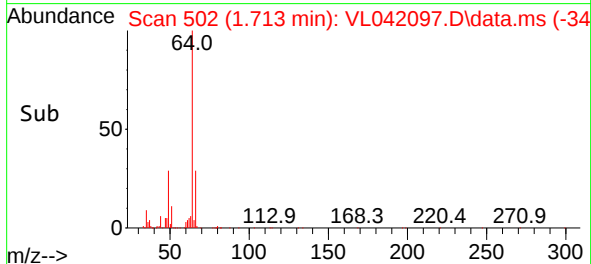
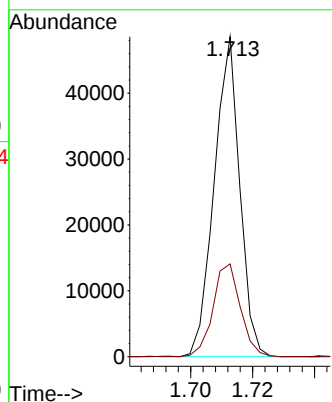
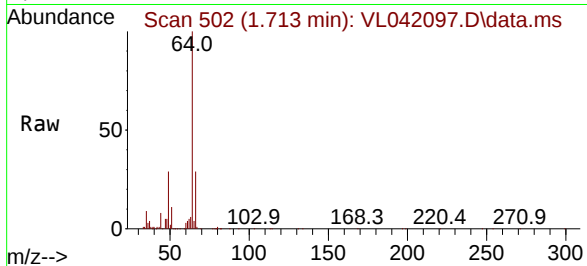




#7
Chloroethane
Concen: 11.713 ppbv
RT: 1.713 min Scan# 501
Delta R.T. 0.003 min
Lab File: VL042097.D
Acq: 05 Mar 2025 10:47

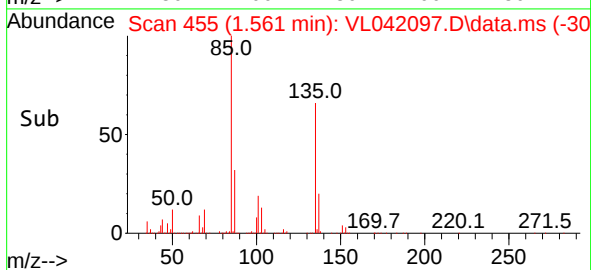
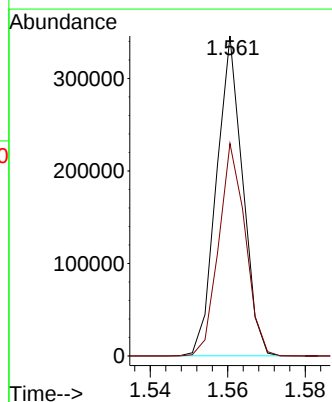
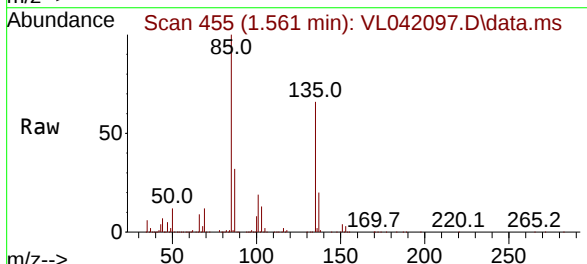
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ClientSampleId :
VL0305ABS01

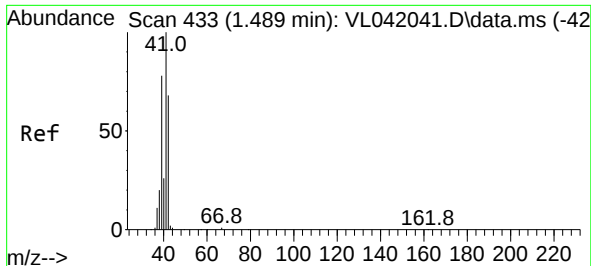
Tgt Ion: 64 Resp: 27759
Ion Ratio Lower Upper
64 100
66 29.0 28.4 42.6



#8
Dichlorotetrafluoroethane
Concen: 11.874 ppbv
RT: 1.561 min Scan# 455
Delta R.T. 0.000 min
Lab File: VL042097.D
Acq: 05 Mar 2025 10:47

Tgt Ion: 85 Resp: 162757
Ion Ratio Lower Upper
85 100
135 67.7 54.6 81.8





#9

Propene

Concen: 10.148 ppbv

RT: 1.489 min Scan# 41

Delta R.T. 0.000 min

Lab File: VL042097.D

Acq: 05 Mar 2025 10:47

Instrument :

MSVOA_L

ClientSampleId :

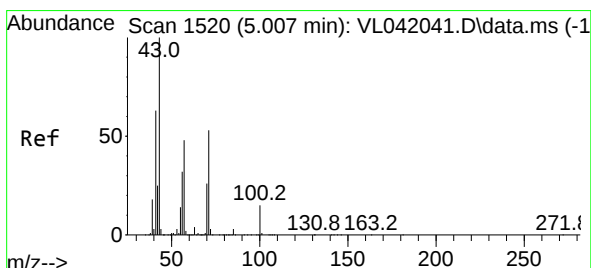
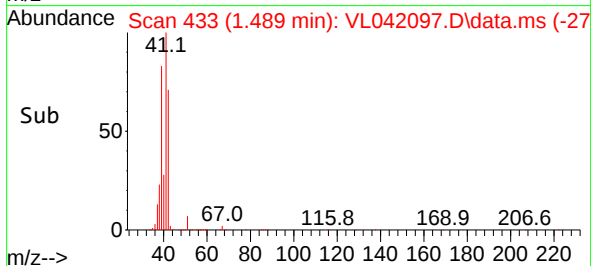
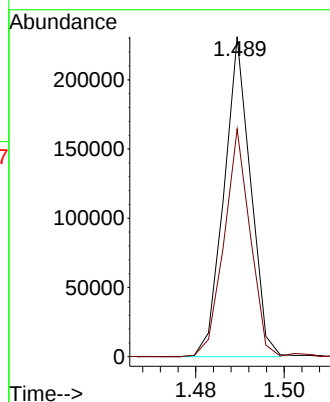
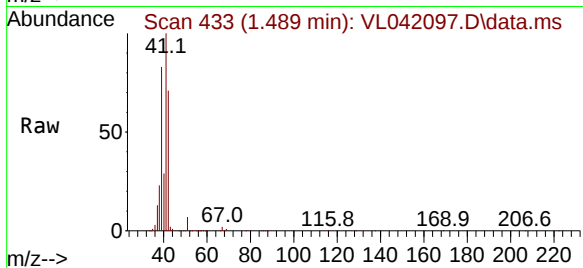
VL0305ABS01

Tgt Ion: 41 Resp: 96352

Ion Ratio Lower Upper

41 100

42 70.8 55.8 83.6



#10

Heptane

Concen: 10.088 ppbv

RT: 5.008 min Scan# 1520

Delta R.T. 0.000 min

Lab File: VL042097.D

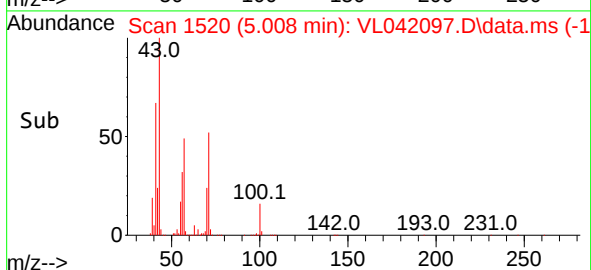
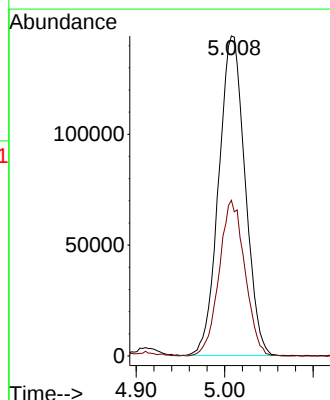
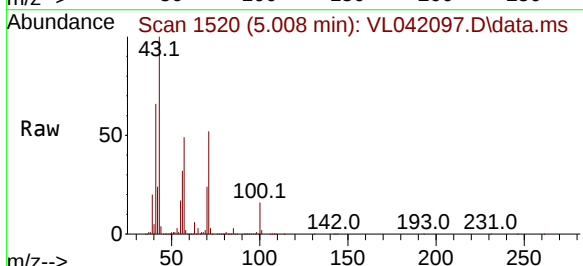
Acq: 05 Mar 2025 10:47

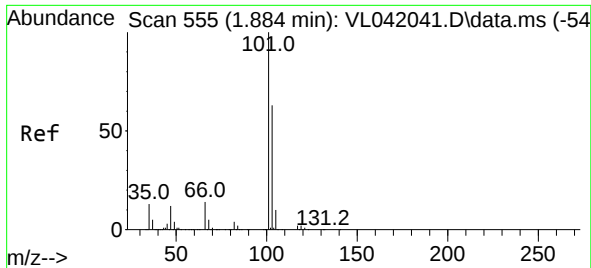
Tgt Ion: 43 Resp: 298220

Ion Ratio Lower Upper

43 100

57 47.7 39.4 59.0

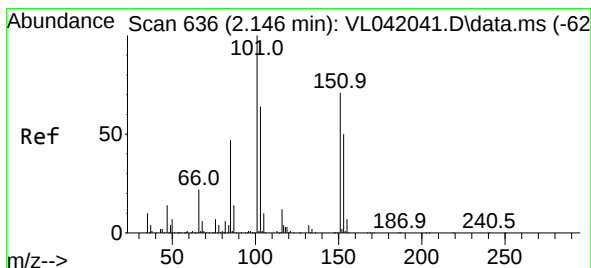
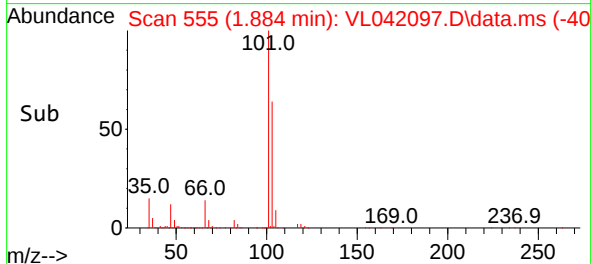
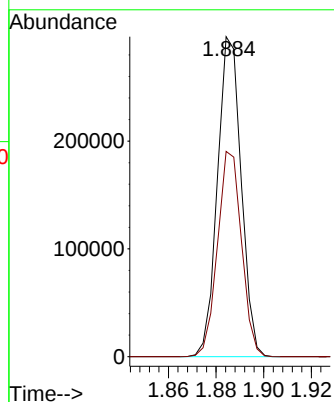
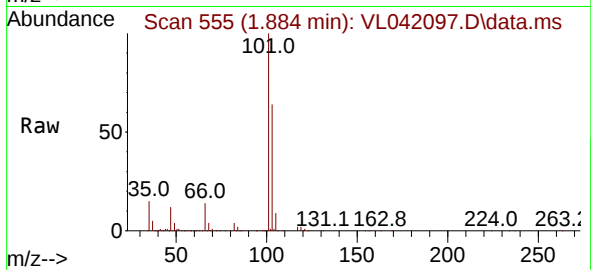




#11
 Trichlorofluoromethane
 Concen: 12.300 ppbv
 RT: 1.884 min Scan# 511
 Delta R.T. 0.000 min
 Lab File: VL042097.D
 Acq: 05 Mar 2025 10:47

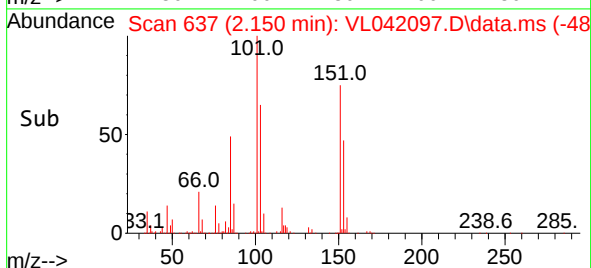
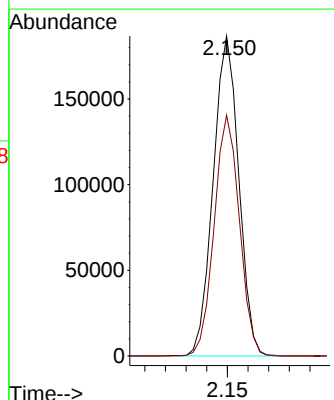
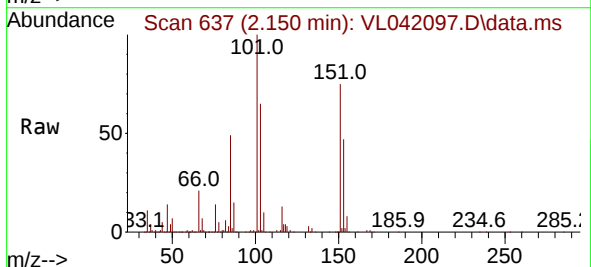
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0305ABS01

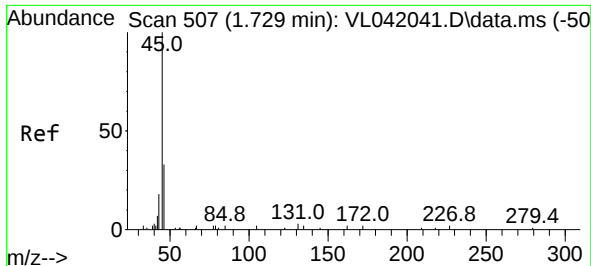
Tgt Ion:101 Resp: 205498
 Ion Ratio Lower Upper
 101 100
 103 64.2 50.6 75.8



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 12.058 ppbv
 RT: 2.150 min Scan# 637
 Delta R.T. 0.003 min
 Lab File: VL042097.D
 Acq: 05 Mar 2025 10:47

Tgt Ion:101 Resp: 160708
 Ion Ratio Lower Upper
 101 100
 151 74.4 62.6 94.0

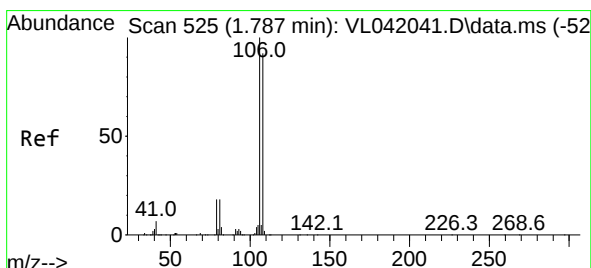
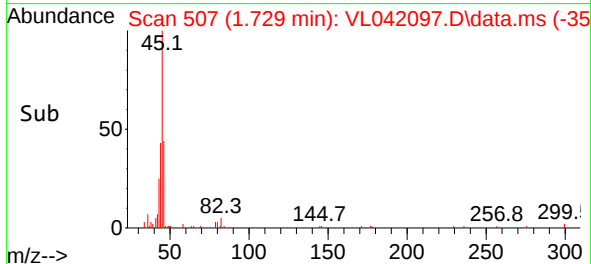
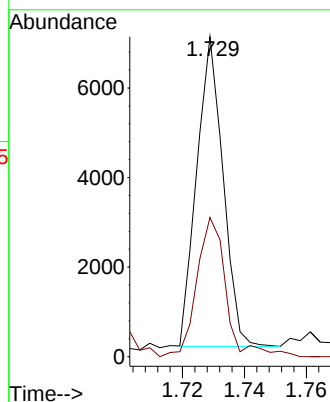
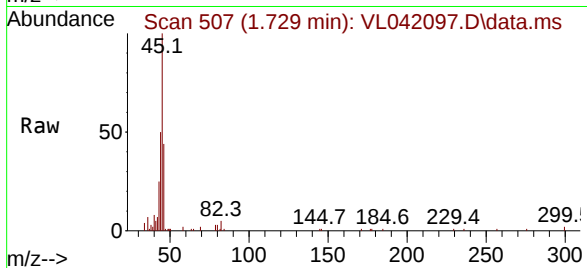




#13
Ethanol
Concen: 6.756 ppbv
RT: 1.729 min Scan# 507
Delta R.T. 0.000 min
Lab File: VL042097.D
Acq: 05 Mar 2025 10:47

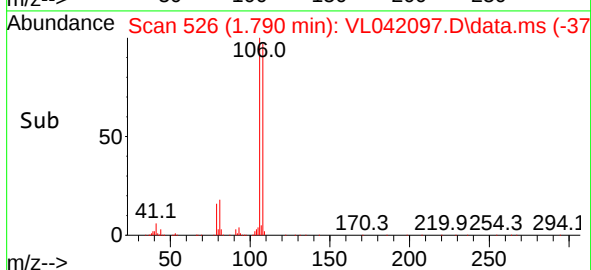
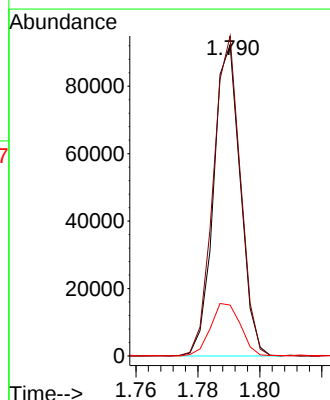
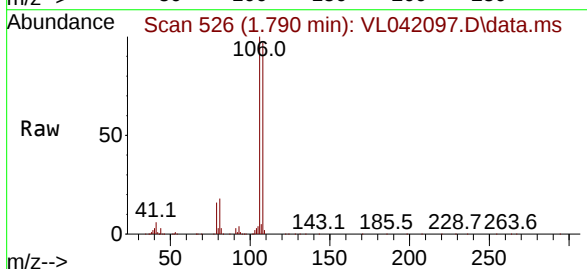
Instrument :
MSVOA_1
ClientSampleId :
VL0305ABS01

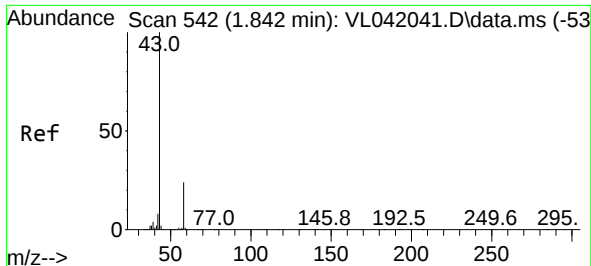
Tgt Ion: 45 Resp: 4072
Ion Ratio Lower Upper
45 100
46 54.6 17.1 68.3



#14
Bromoethene
Concen: 11.767 ppbv
RT: 1.790 min Scan# 526
Delta R.T. 0.003 min
Lab File: VL042097.D
Acq: 05 Mar 2025 10:47

Tgt Ion: 108 Resp: 55379
Ion Ratio Lower Upper
108 100
106 104.1 85.4 128.0
79 19.4 16.5 24.7

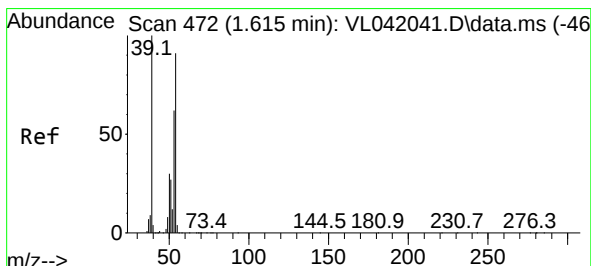
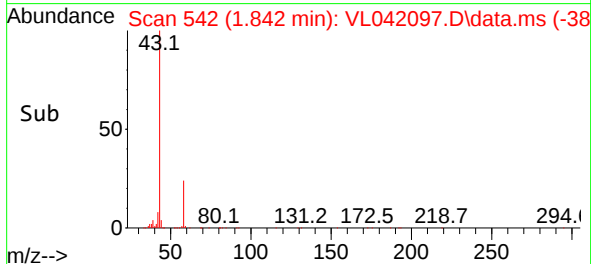
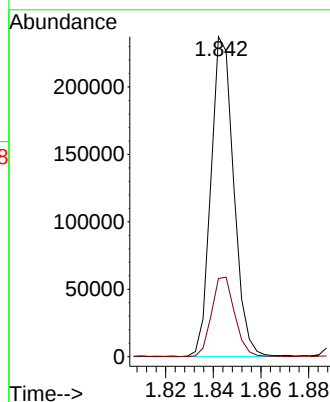
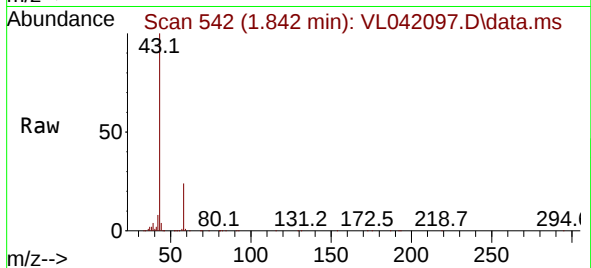




#15
Acetone
Concen: 11.140 ppbv
RT: 1.842 min Scan# 542
Delta R.T. 0.000 min
Lab File: VL042097.D
Acq: 05 Mar 2025 10:47

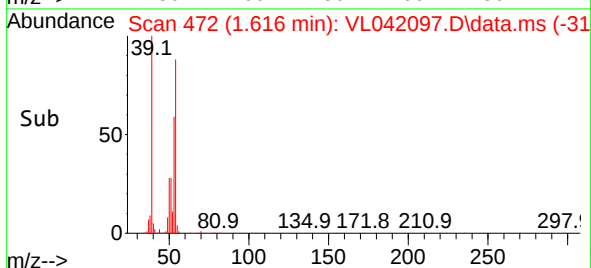
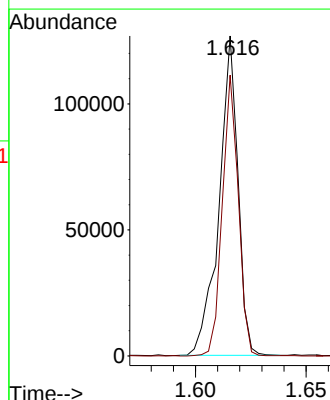
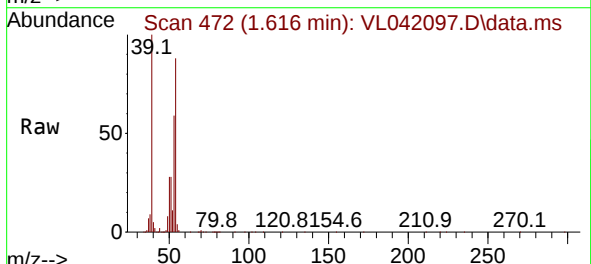
Instrument :
MSVOA_L
ClientSampleId :
VL0305ABS01

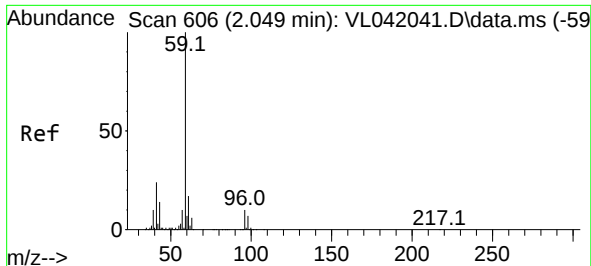
Tgt Ion: 43 Resp: 157750
Ion Ratio Lower Upper
43 100
58 25.5 20.7 31.1



#16
1,3-Butadiene
Concen: 11.468 ppbv
RT: 1.616 min Scan# 472
Delta R.T. 0.000 min
Lab File: VL042097.D
Acq: 05 Mar 2025 10:47

Tgt Ion: 39 Resp: 75573
Ion Ratio Lower Upper
39 100
54 74.3 59.6 89.4





#17

tert-Butyl alcohol

Concen: 9.991 ppbv

RT: 2.049 min Scan# 606

Delta R.T. 0.000 min

Lab File: VL042097.D

Acq: 05 Mar 2025 10:47

Instrument :

MSVOA_L

ClientSampleId :

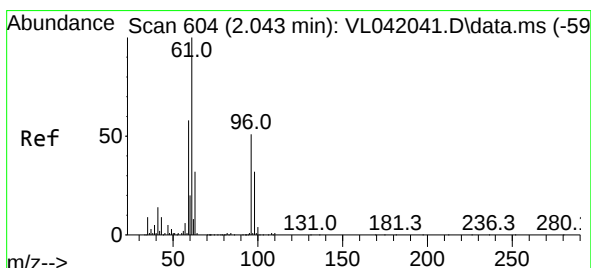
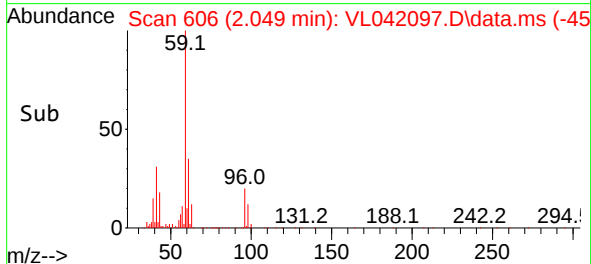
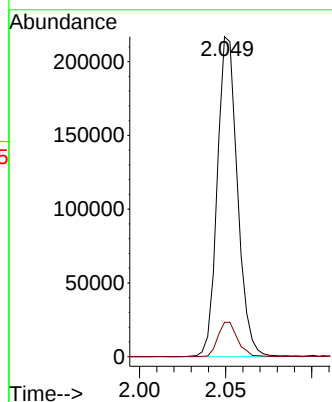
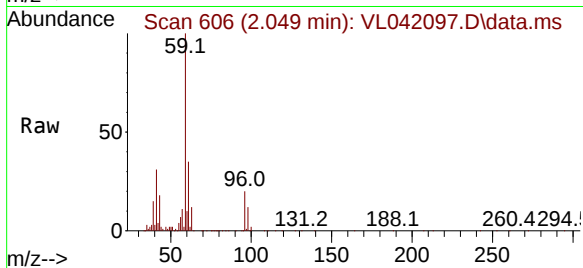
VL0305ABS01

Tgt Ion: 59 Resp: 177011

Ion Ratio Lower Upper

59 100

57 10.6 9.3 13.9



#18

1,1-Dichloroethene

Concen: 10.872 ppbv

RT: 2.043 min Scan# 604

Delta R.T. 0.000 min

Lab File: VL042097.D

Acq: 05 Mar 2025 10:47

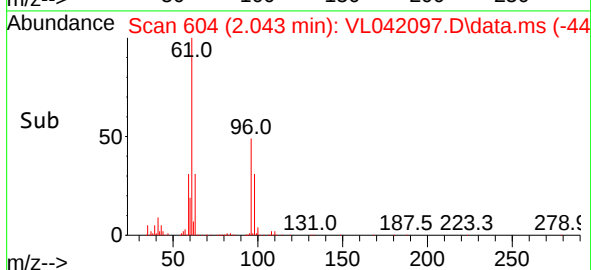
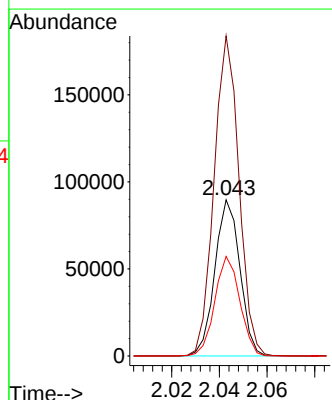
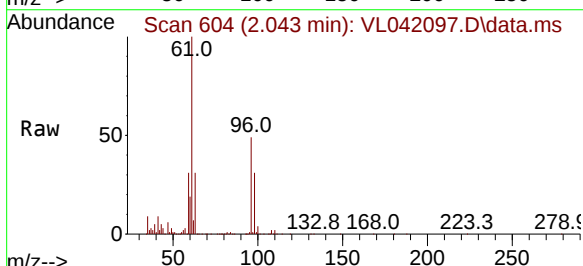
Tgt Ion: 96 Resp: 65470

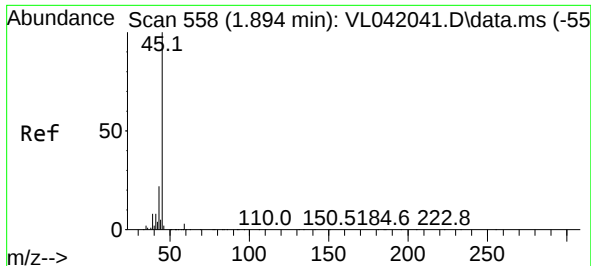
Ion Ratio Lower Upper

96 100

61 205.0 156.0 234.0

98 63.8 49.4 74.2

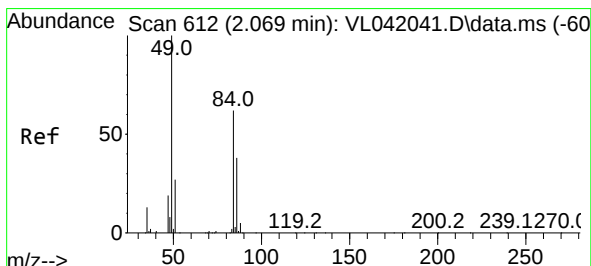
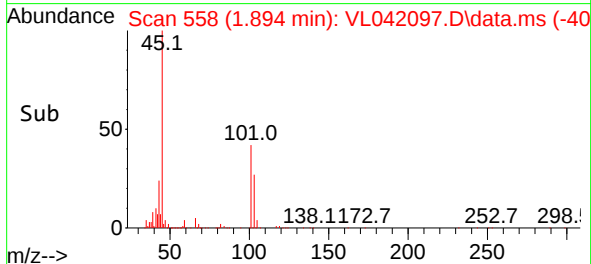
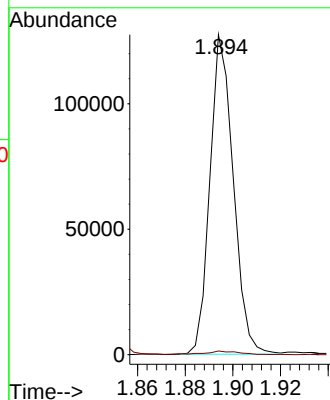
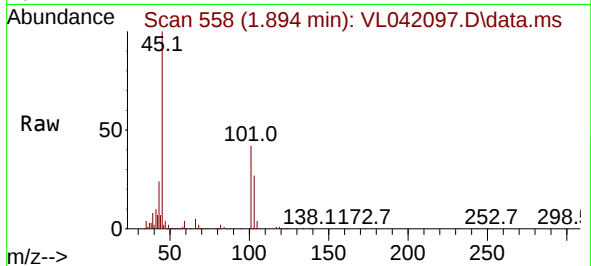




#19
Isopropyl Alcohol
Concen: 10.679 ppbv
RT: 1.894 min Scan# 51
Delta R.T. 0.000 min
Lab File: VL042097.D
Acq: 05 Mar 2025 10:47

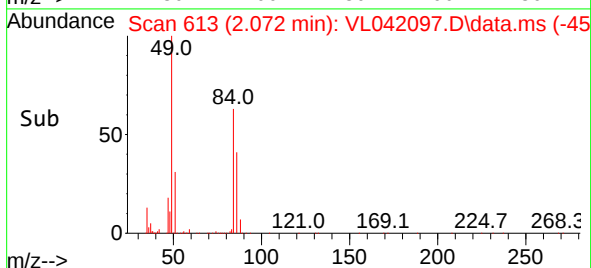
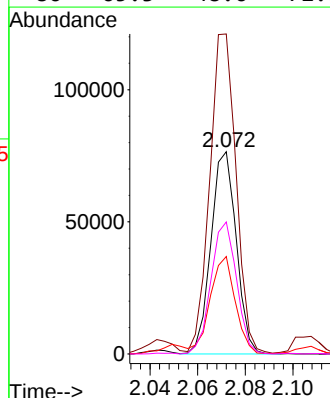
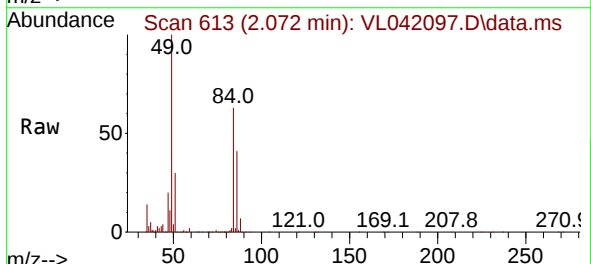
Instrument :
MSVOA_L
ClientSampleId :
VL0305ABS01

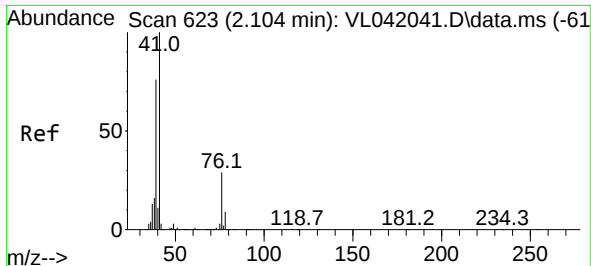
Tgt Ion: 45 Resp: 86867
Ion Ratio Lower Upper
45 100
58 46.3 35.3 52.9



#20
Methylene Chloride
Concen: 10.548 ppbv
RT: 2.072 min Scan# 613
Delta R.T. 0.003 min
Lab File: VL042097.D
Acq: 05 Mar 2025 10:47

Tgt Ion: 84 Resp: 56501
Ion Ratio Lower Upper
84 100
49 157.5 130.0 195.0
51 47.6 37.4 56.0
86 65.3 48.6 72.8

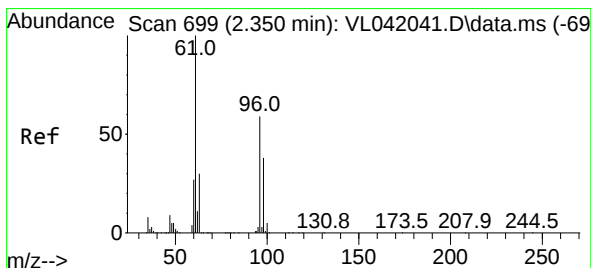
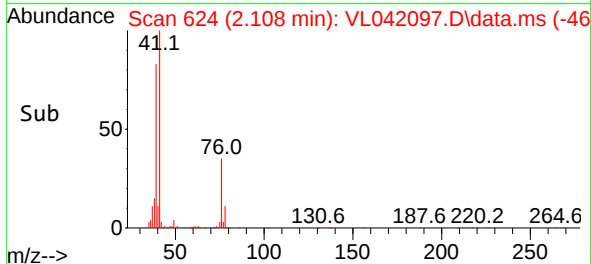
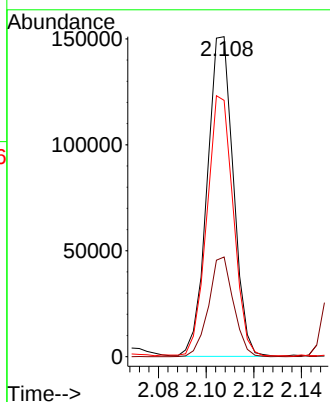
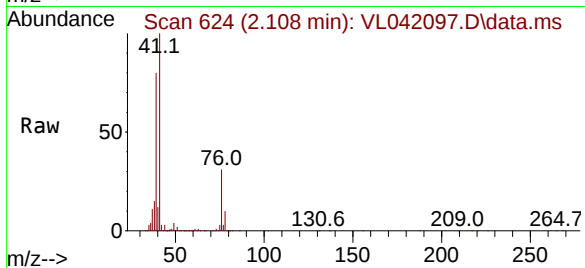




#21
 Allyl Chloride
 Concen: 11.280 ppbv
 RT: 2.108 min Scan# 61
 Delta R.T. 0.003 min
 Lab File: VL042097.D
 Acq: 05 Mar 2025 10:47

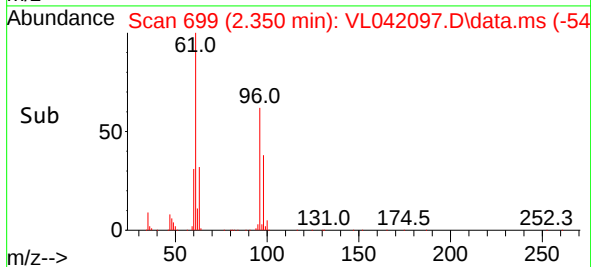
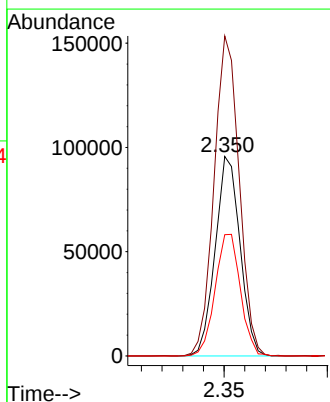
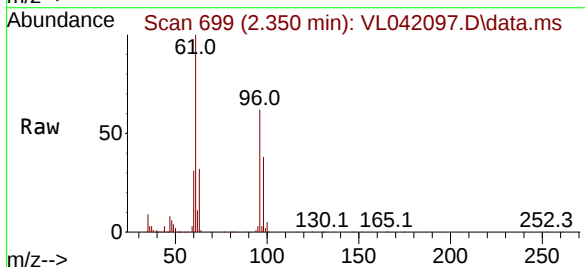
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0305ABS01

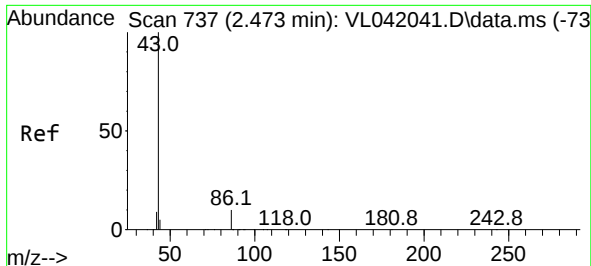
Tgt Ion: 41 Resp: 115415
 Ion Ratio Lower Upper
 41 100
 76 29.6 23.8 35.6
 39 82.1 63.8 95.6



#22
 trans-1,2-Dichloroethene
 Concen: 11.370 ppbv
 RT: 2.350 min Scan# 699
 Delta R.T. 0.000 min
 Lab File: VL042097.D
 Acq: 05 Mar 2025 10:47

Tgt Ion: 96 Resp: 79822
 Ion Ratio Lower Upper
 96 100
 61 160.4 136.6 205.0
 98 60.8 51.8 77.6

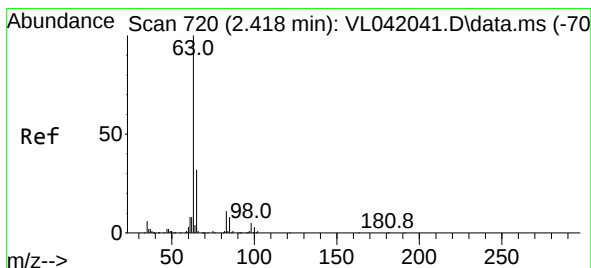
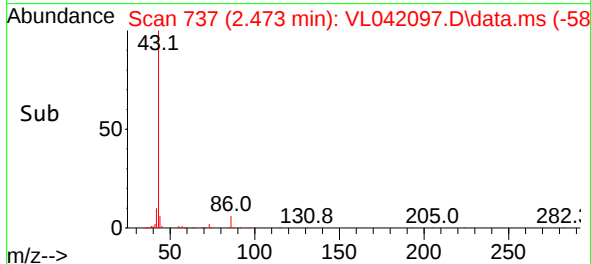
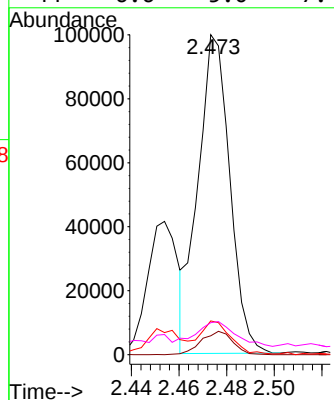
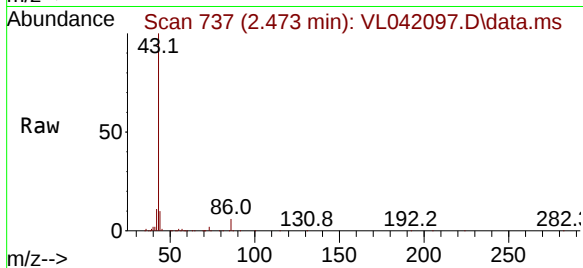




#23
 Vinyl Acetate
 Concen: 9.260 ppbv
 RT: 2.473 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VL042097.D
 Acq: 05 Mar 2025 10:47

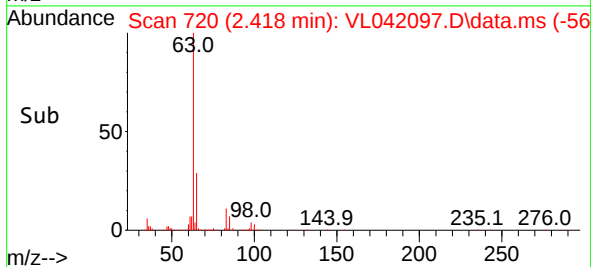
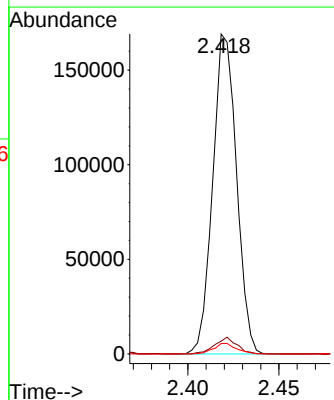
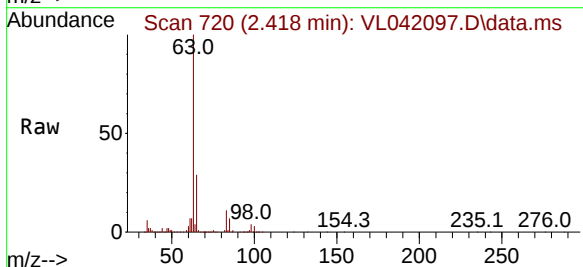
Instrument :
 MSVOA_1
 ClientSampleId :
 VL0305ABS01

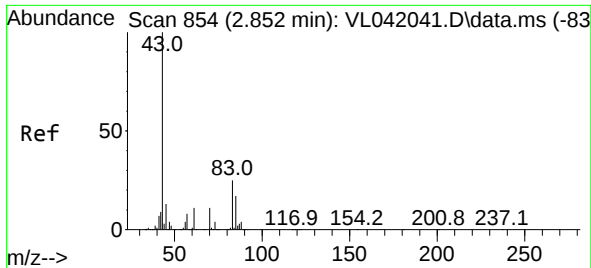
Tgt Ion: 43	Resp: 92207
Ion Ratio	Lower Upper
43 100	
86 5.9	7.0 10.4#
42 10.3	7.6 11.4
44 6.6	5.0 7.4



#24
 1,1-Dichloroethane
 Concen: 11.778 ppbv
 RT: 2.418 min Scan# 720
 Delta R.T. 0.000 min
 Lab File: VL042097.D
 Acq: 05 Mar 2025 10:47

Tgt Ion: 63	Resp: 153850
Ion Ratio	Lower Upper
63 100	
98 4.0	2.4 7.2
100 3.2	1.7 5.0

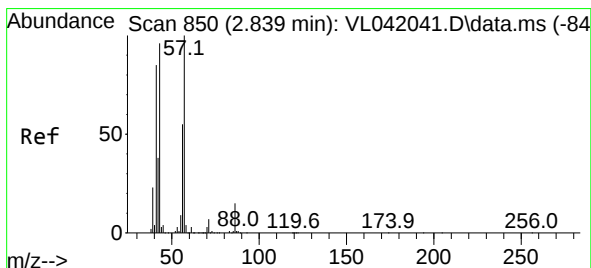
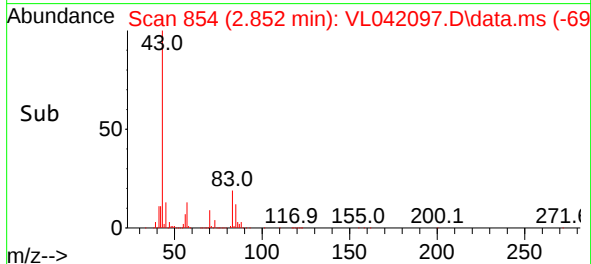
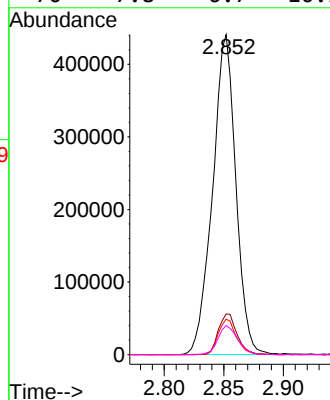
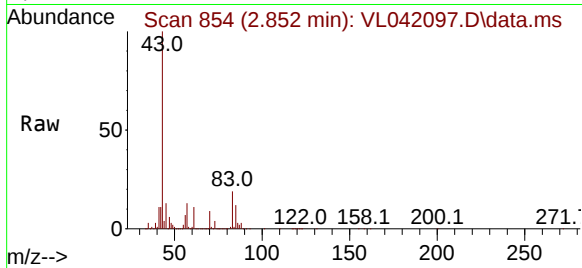




#25
Ethyl Acetate
Concen: 10.535 ppbv
RT: 2.852 min Scan# 854
Delta R.T. 0.000 min
Lab File: VL042097.D
Acq: 05 Mar 2025 10:47

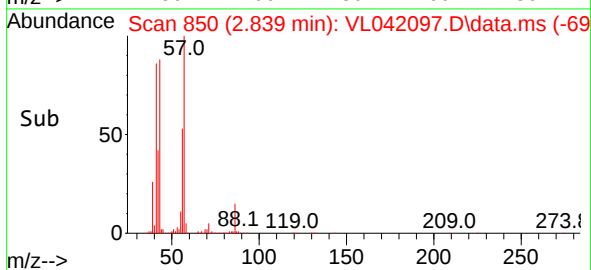
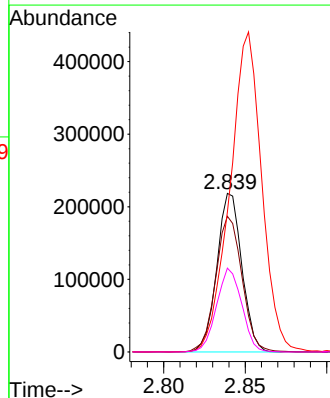
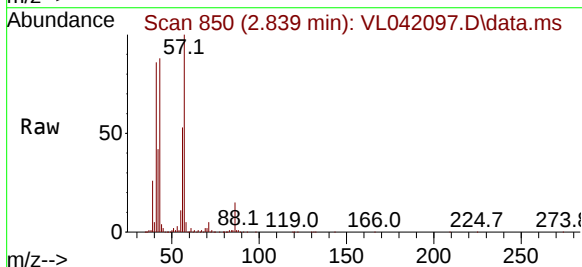
Instrument :
MSVOA_L
ClientSampleId :
VL0305ABS01

Tgt Ion:	43	Resp:	597115
Ion	Ratio	Lower	Upper
43	100		
45	10.3	8.1	12.1
61	8.7	7.2	10.8
70	7.8	6.7	10.1



#26
Hexane
Concen: 10.141 ppbv
RT: 2.839 min Scan# 850
Delta R.T. 0.000 min
Lab File: VL042097.D
Acq: 05 Mar 2025 10:47

Tgt Ion:	57	Resp:	232377
Ion	Ratio	Lower	Upper
57	100		
41	90.7	70.6	106.0
43	258.7	199.4	299.0
56	53.3	42.6	64.0

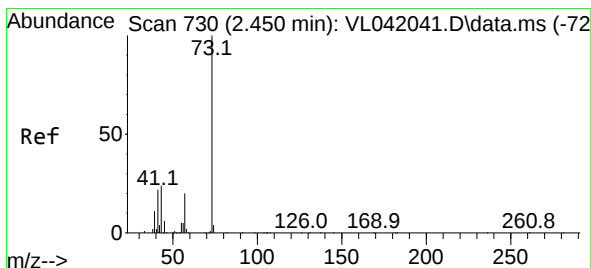
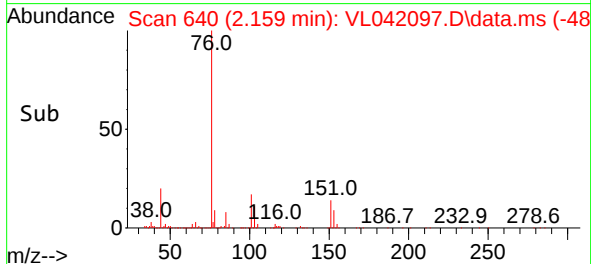
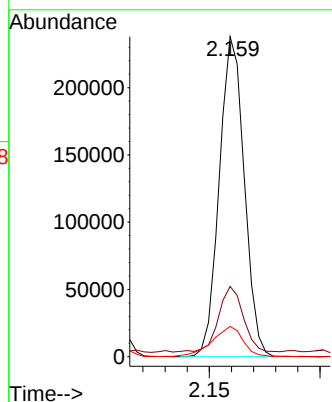
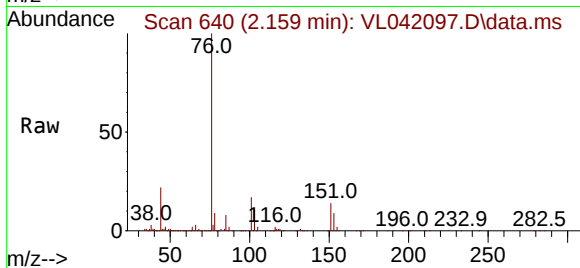




#27
Carbon Disulfide
Concen: 11.984 ppbv
RT: 2.159 min Scan# 640
Delta R.T. 0.000 min
Lab File: VL042097.D
Acq: 05 Mar 2025 10:47

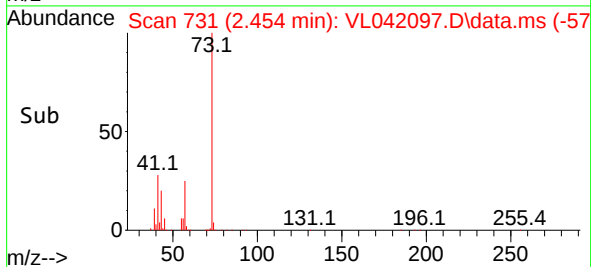
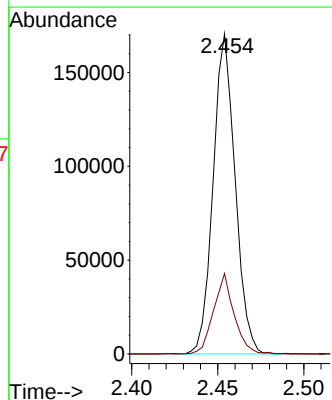
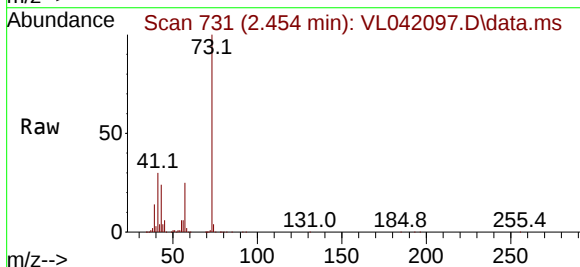
Instrument :
MSVOA_1
ClientSampleId :
VL0305ABS01

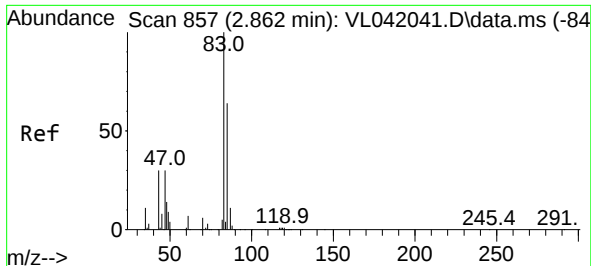
Tgt Ion: 76 Resp: 186159
Ion Ratio Lower Upper
76 100
44 22.1 16.2 24.2
78 11.8 9.4 14.0



#28
Methyl tert-Butyl Ether
Concen: 13.299 ppbv
RT: 2.454 min Scan# 731
Delta R.T. 0.003 min
Lab File: VL042097.D
Acq: 05 Mar 2025 10:47

Tgt Ion: 73 Resp: 151716
Ion Ratio Lower Upper
73 100
57 23.5 17.7 26.5





#29

Chloroform

Concen: 10.151 ppbv

RT: 2.862 min Scan# 81

Delta R.T. 0.000 min

Lab File: VL042097.D

Acq: 05 Mar 2025 10:47

Instrument :

MSVOA_L

ClientSampleId :

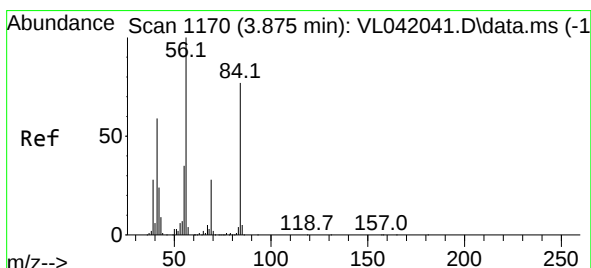
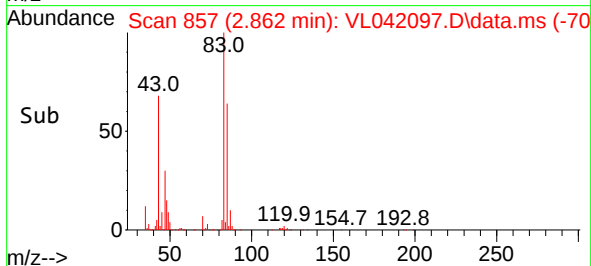
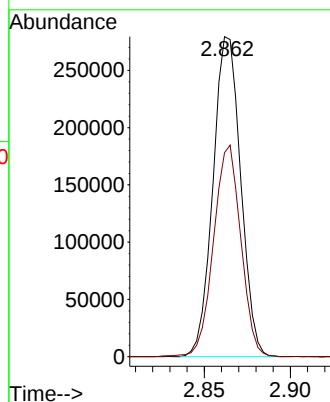
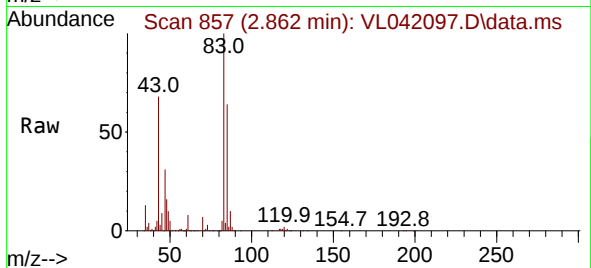
VL0305ABS01

Tgt Ion: 83 Resp: 313061

Ion Ratio Lower Upper

83 100

85 63.8 51.2 76.8



#30

Cyclohexane

Concen: 9.675 ppbv

RT: 3.878 min Scan# 1171

Delta R.T. 0.003 min

Lab File: VL042097.D

Acq: 05 Mar 2025 10:47

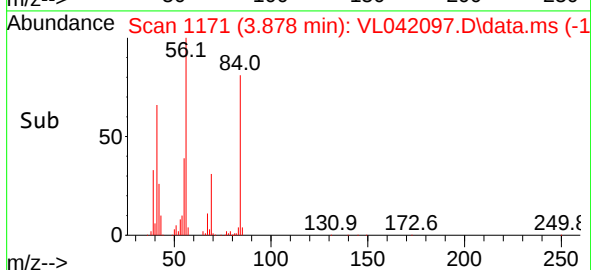
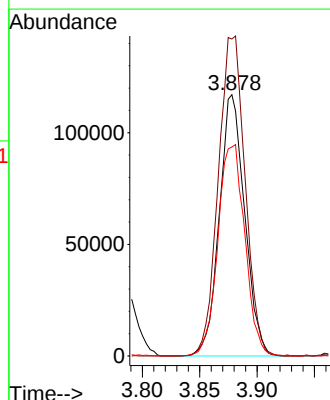
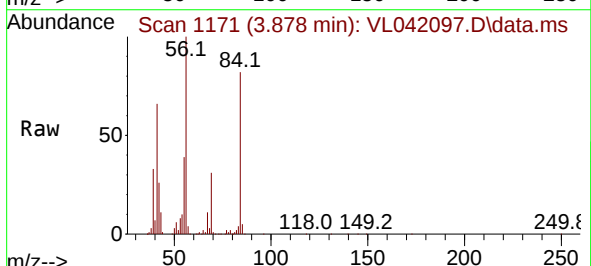
Tgt Ion: 84 Resp: 179953

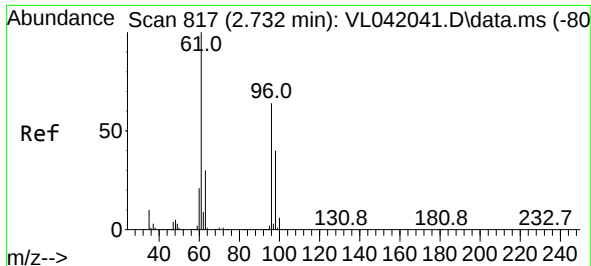
Ion Ratio Lower Upper

84 100

56 129.3 101.5 152.3

41 86.1 62.6 93.8

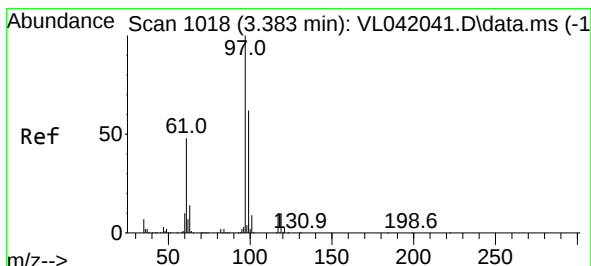
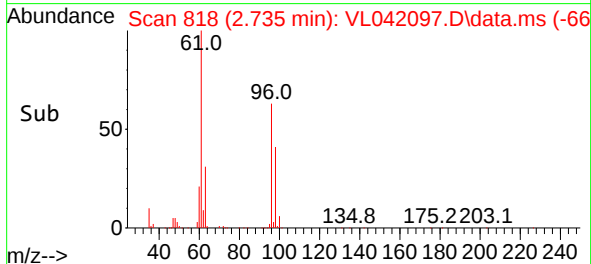
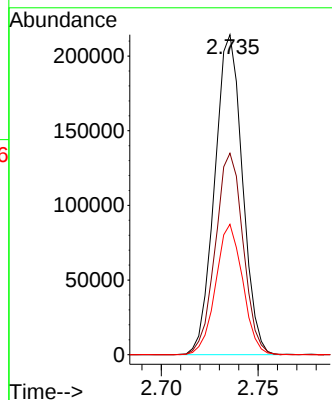
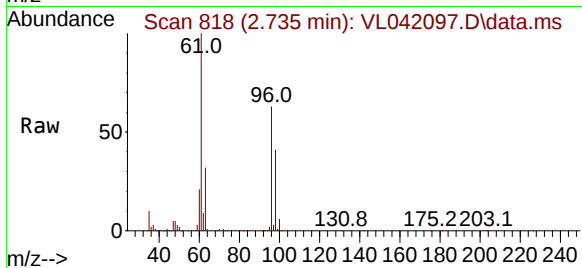




#31
 cis-1,2-Dichloroethene
 Concen: 9.836 ppbv
 RT: 2.735 min Scan# 817
 Delta R.T. 0.003 min
 Lab File: VL042097.D
 Acq: 05 Mar 2025 10:47

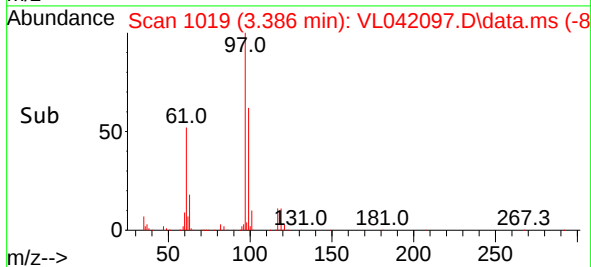
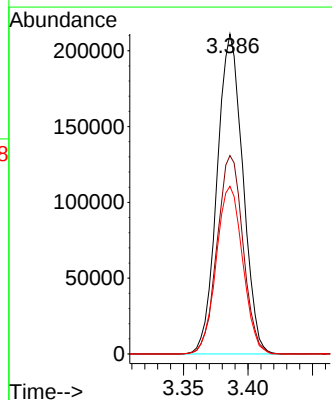
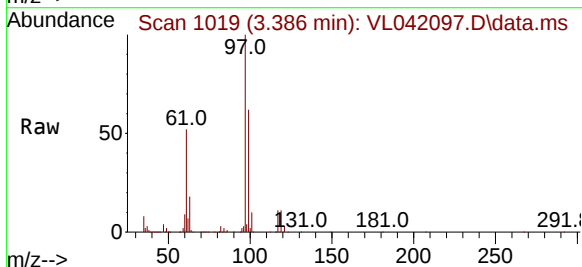
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0305ABS01

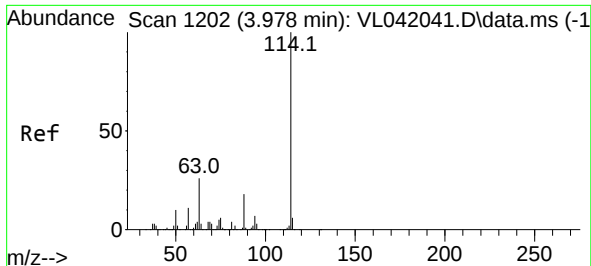
Tgt Ion: 61 Resp: 213357
 Ion Ratio Lower Upper
 61 100
 96 62.8 51.5 77.3
 98 40.8 32.0 48.0



#32
 1,1,1-Trichloroethane
 Concen: 9.772 ppbv
 RT: 3.386 min Scan# 1019
 Delta R.T. 0.003 min
 Lab File: VL042097.D
 Acq: 05 Mar 2025 10:47

Tgt Ion: 97 Resp: 292336
 Ion Ratio Lower Upper
 97 100
 99 62.5 49.8 74.6
 61 54.0 38.9 58.3





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.982 min Scan# 11

Delta R.T. 0.003 min

Lab File: VL042097.D

Acq: 05 Mar 2025 10:47

Instrument :

MSVOA_L

ClientSampleId :

VL0305ABS01

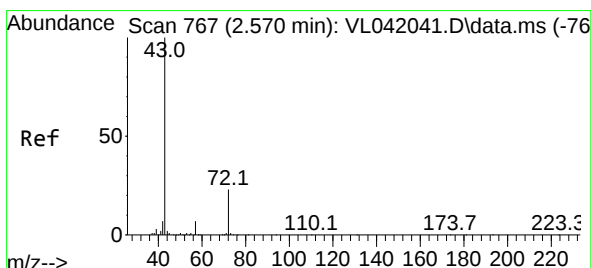
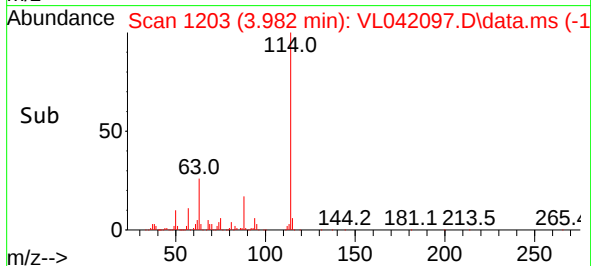
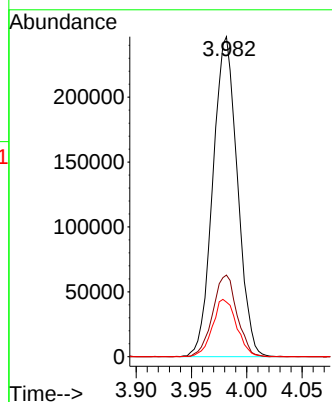
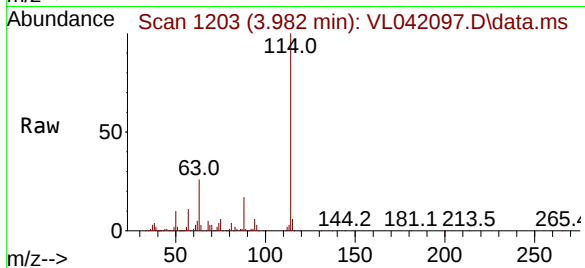
Tgt Ion:114 Resp: 379500

Ion Ratio Lower Upper

114 100

63 25.4 20.1 30.1

88 17.6 14.3 21.5



#34

2-Butanone

Concen: 11.267 ppbv

RT: 2.570 min Scan# 767

Delta R.T. 0.000 min

Lab File: VL042097.D

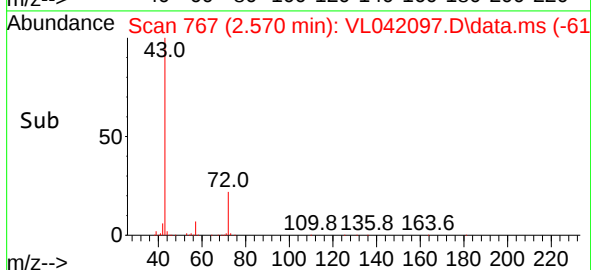
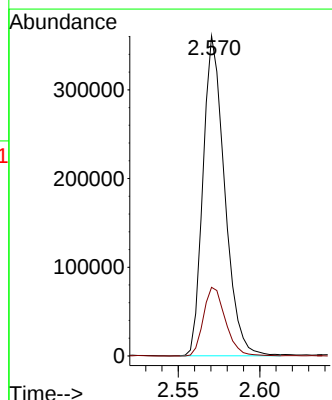
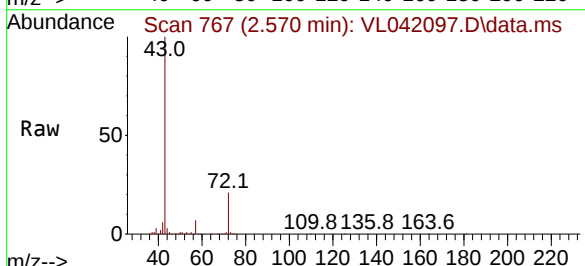
Acq: 05 Mar 2025 10:47

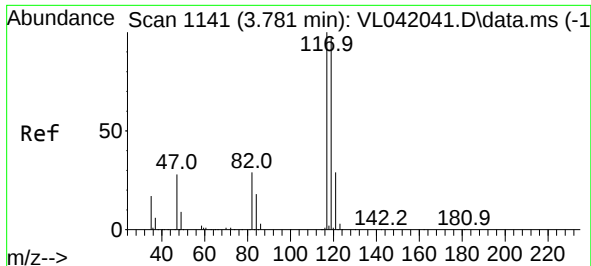
Tgt Ion: 43 Resp: 333123

Ion Ratio Lower Upper

43 100

72 22.0 18.5 27.7

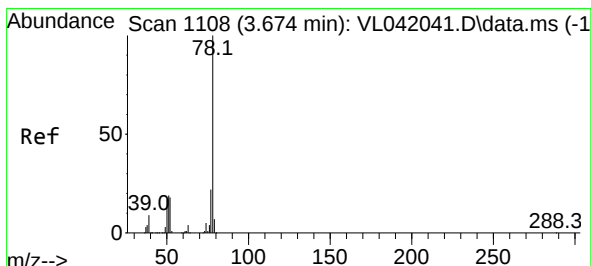
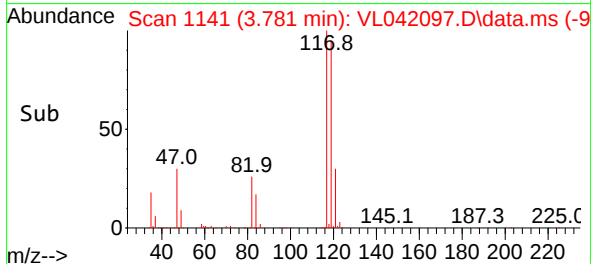
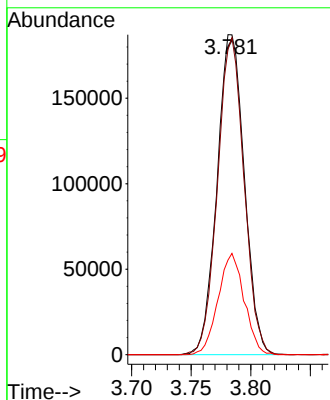
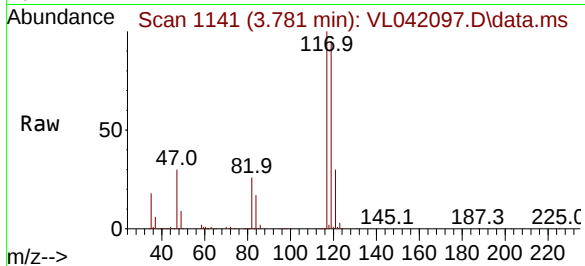




#35
Carbon Tetrachloride
Concen: 11.380 ppbv
RT: 3.781 min Scan# 1141
Delta R.T. 0.000 min
Lab File: VL042097.D
Acq: 05 Mar 2025 10:47

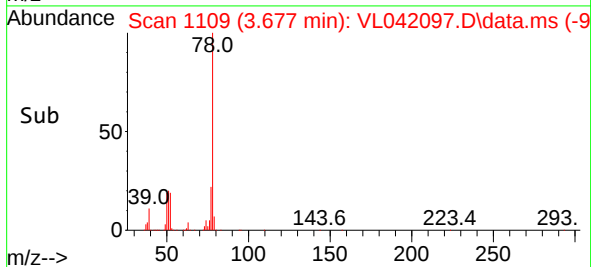
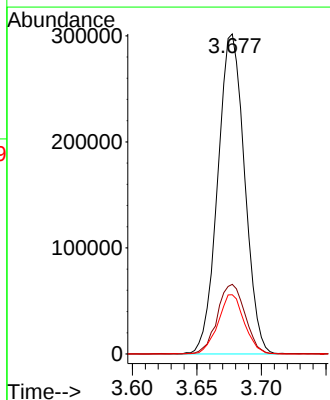
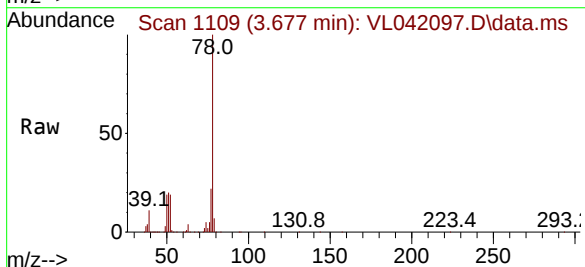
Instrument :
MSVOA_L
ClientSampleId :
VL0305ABS01

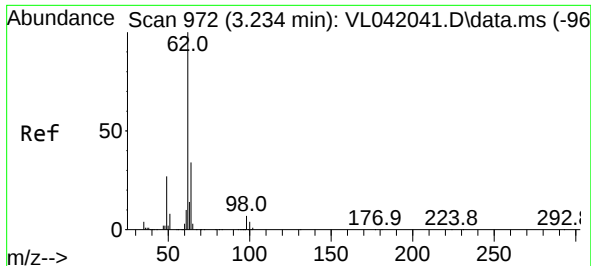
Tgt Ion:117 Resp: 297817
Ion Ratio Lower Upper
117 100
119 95.4 77.8 116.8
121 29.6 23.4 35.0



#36
Benzene
Concen: 10.971 ppbv
RT: 3.677 min Scan# 1109
Delta R.T. 0.003 min
Lab File: VL042097.D
Acq: 05 Mar 2025 10:47

Tgt Ion: 78 Resp: 435850
Ion Ratio Lower Upper
78 100
77 21.7 17.7 26.5
50 18.5 13.9 20.9





#37

1,2-Dichloroethane

Concen: 10.918 ppbv

RT: 3.237 min Scan# 91

Delta R.T. 0.003 min

Lab File: VL042097.D

Acq: 05 Mar 2025 10:47

Instrument :

MSVOA_L

ClientSampleId :

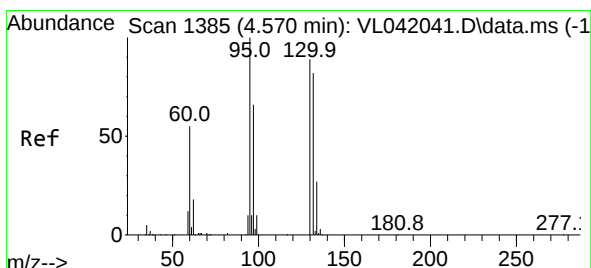
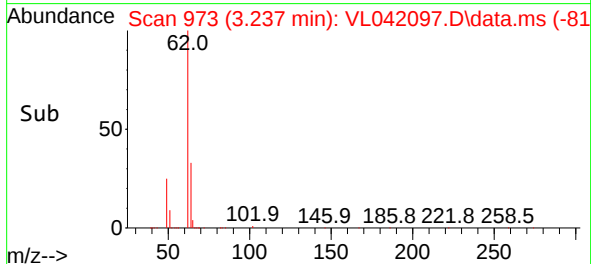
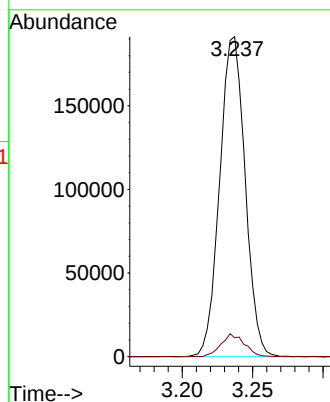
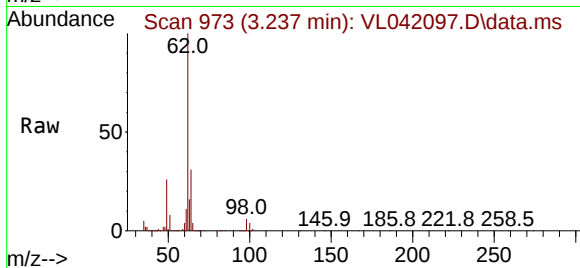
VL0305ABS01

Tgt Ion: 62 Resp: 240492

Ion Ratio Lower Upper

62 100

98 6.6 5.7 8.5



#38

Trichloroethene

Concen: 10.281 ppbv

RT: 4.574 min Scan# 1386

Delta R.T. 0.003 min

Lab File: VL042097.D

Acq: 05 Mar 2025 10:47

Tgt Ion:130 Resp: 166781

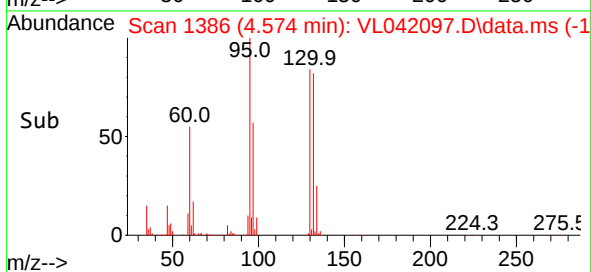
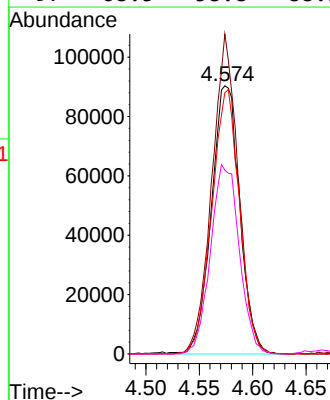
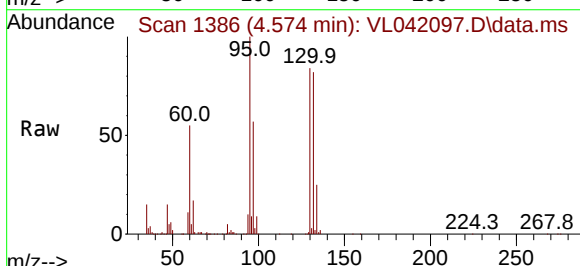
Ion Ratio Lower Upper

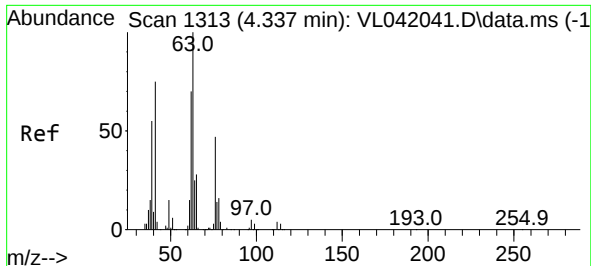
130 100

95 119.2 89.5 134.3

132 97.2 73.8 110.6

97 68.5 58.8 88.2





#39

1,2-Dichloropropane

Concen: 10.760 ppbv

RT: 4.338 min Scan# 11

Delta R.T. 0.000 min

Lab File: VL042097.D

Acq: 05 Mar 2025 10:47

Instrument :

MSVOA_L

ClientSampleId :

VL0305ABS01

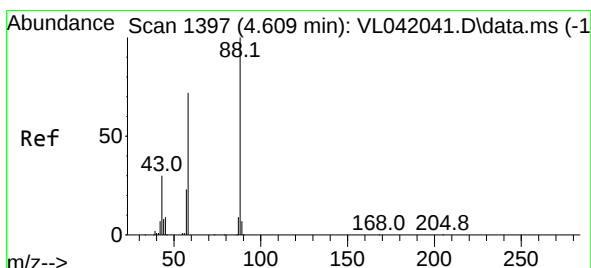
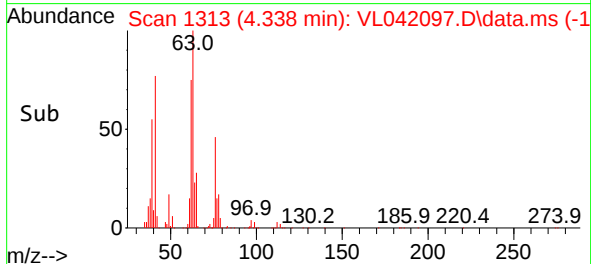
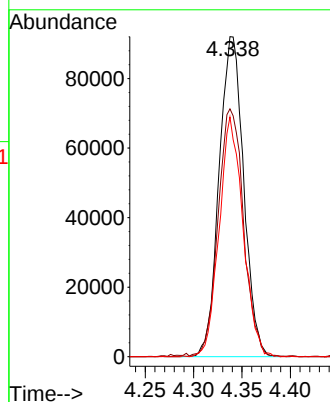
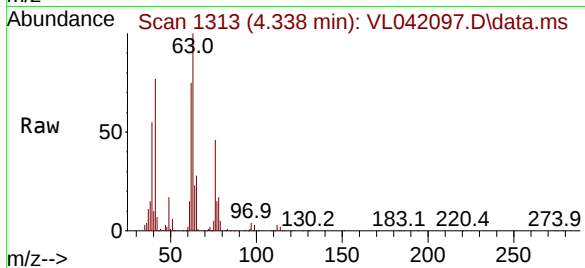
Tgt Ion: 63 Resp: 162248

Ion Ratio Lower Upper

63 100

41 77.2 60.1 90.1

62 74.9 55.8 83.8



#40

1,4-Dioxane

Concen: 10.968 ppbv

RT: 4.613 min Scan# 1398

Delta R.T. 0.003 min

Lab File: VL042097.D

Acq: 05 Mar 2025 10:47

Tgt Ion: 88 Resp: 75498

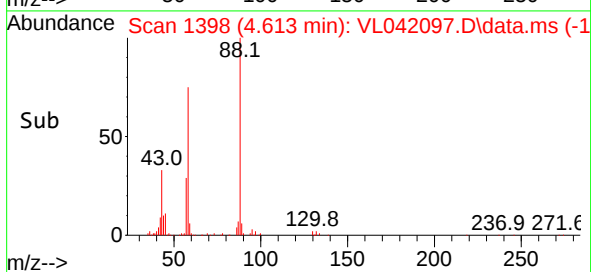
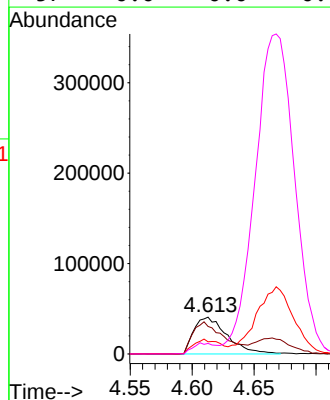
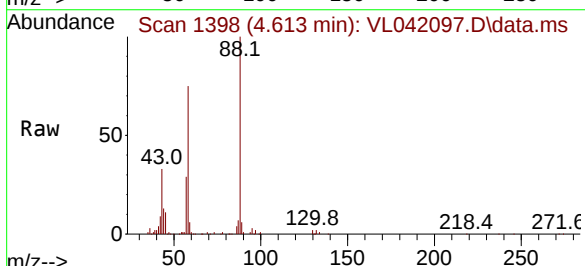
Ion Ratio Lower Upper

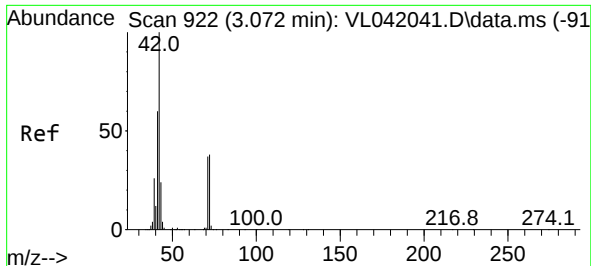
88 100

58 78.8 62.6 94.0

43 33.4 0.0 0.0#

57 0.0 0.0 0.0

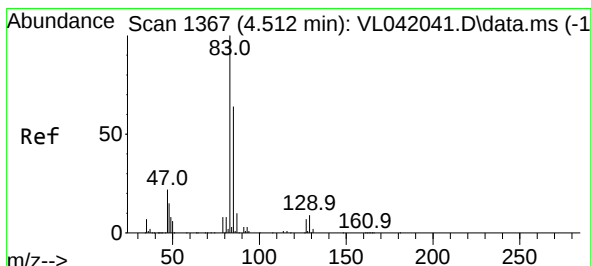
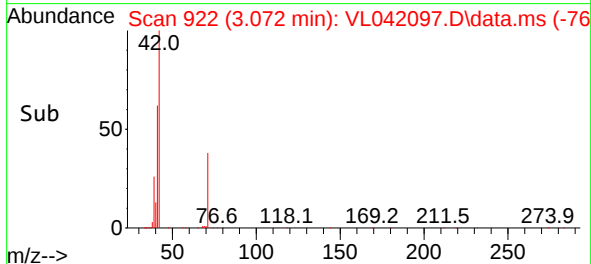
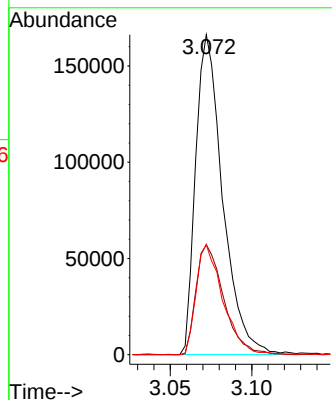
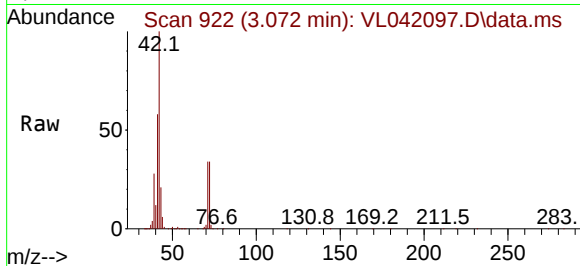




#41
Tetrahydrofuran
Concen: 10.950 ppbv
RT: 3.072 min Scan# 91
Delta R.T. 0.000 min
Lab File: VL042097.D
Acq: 05 Mar 2025 10:47

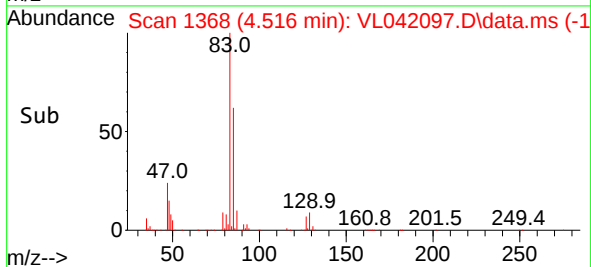
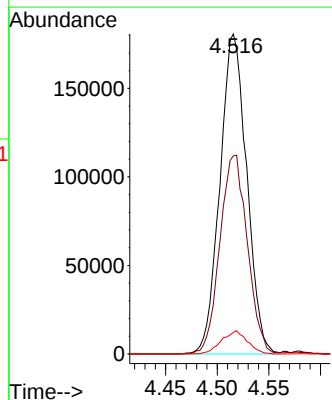
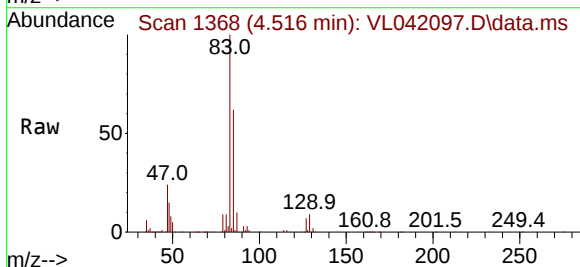
Instrument :
MSVOA_L
ClientSampleId :
VL0305ABS01

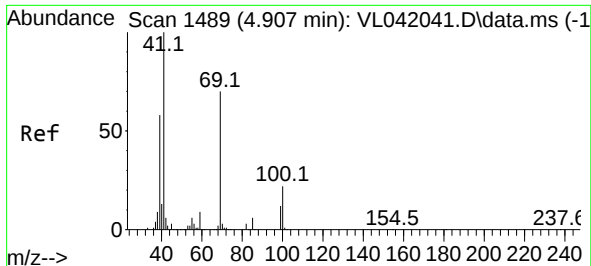
Tgt Ion: 42 Resp: 191294
Ion Ratio Lower Upper
42 100
72 35.5 30.2 45.2
71 34.3 28.2 42.4



#42
Bromodichloromethane
Concen: 10.994 ppbv
RT: 4.516 min Scan# 1368
Delta R.T. 0.003 min
Lab File: VL042097.D
Acq: 05 Mar 2025 10:47

Tgt Ion: 83 Resp: 326265
Ion Ratio Lower Upper
83 100
85 61.9 51.4 77.2
127 6.7 5.8 8.6

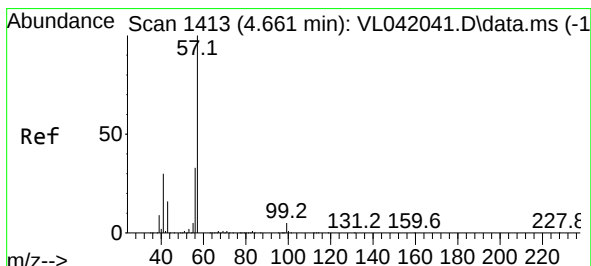
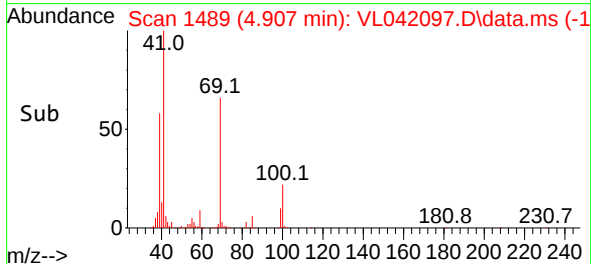
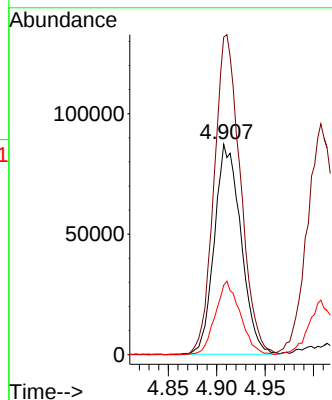
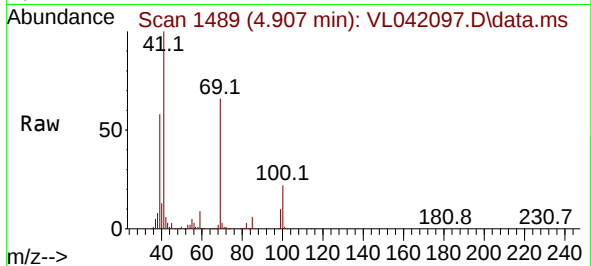




#43
Methyl Methacrylate
Concen: 10.701 ppbv
RT: 4.907 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VL042097.D
Acq: 05 Mar 2025 10:47

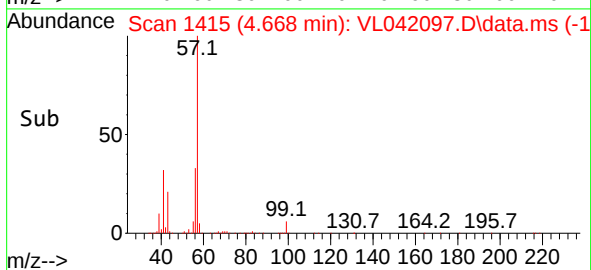
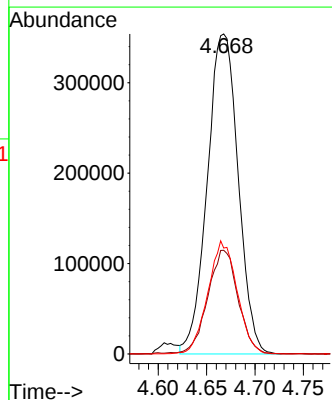
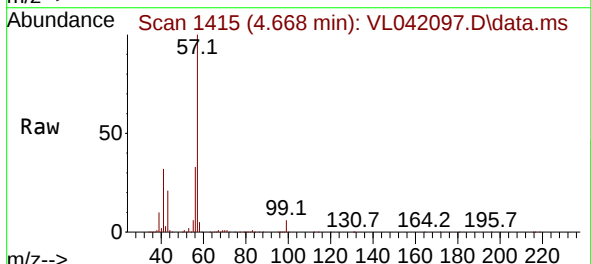
Instrument :
MSVOA_1
ClientSampleId :
VL0305ABS01

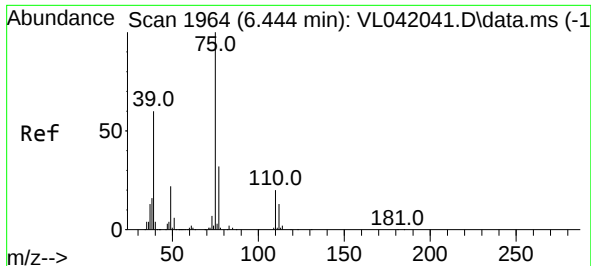
Tgt Ion: 69 Resp: 166024
Ion Ratio Lower Upper
69 100
41 151.6 118.2 177.4
100 33.0 27.0 40.4



#44
2,2,4-Trimethylpentane
Concen: 11.204 ppbv
RT: 4.668 min Scan# 1415
Delta R.T. 0.007 min
Lab File: VL042097.D
Acq: 05 Mar 2025 10:47

Tgt Ion: 57 Resp: 785565
Ion Ratio Lower Upper
57 100
41 31.9 24.4 36.6
56 33.4 26.5 39.7

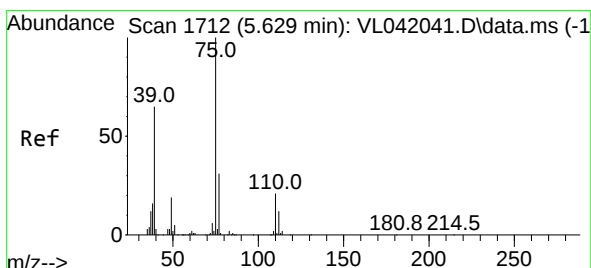
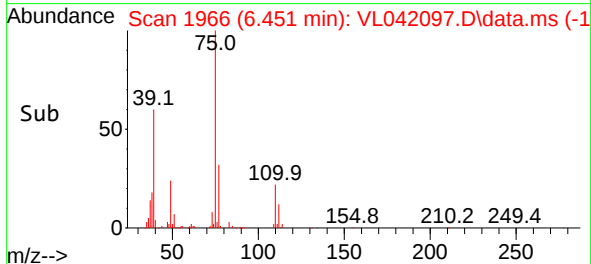
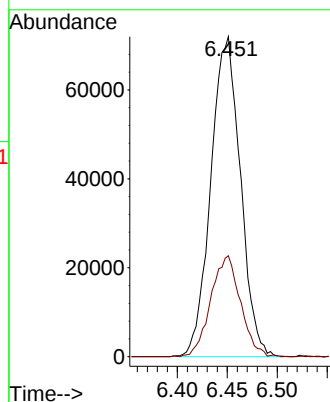
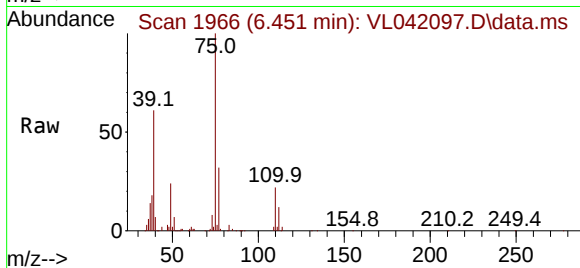




#45
 t-1,3-Dichloropropene
 Concen: 9.620 ppbv
 RT: 6.451 min Scan# 1966
 Delta R.T. 0.007 min
 Lab File: VL042097.D
 Acq: 05 Mar 2025 10:47

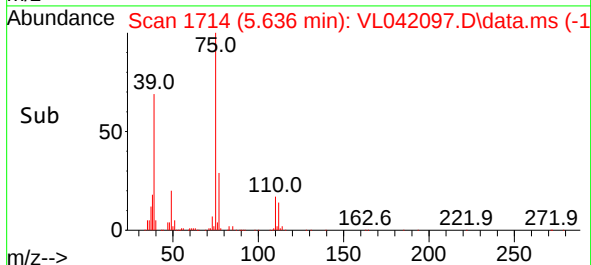
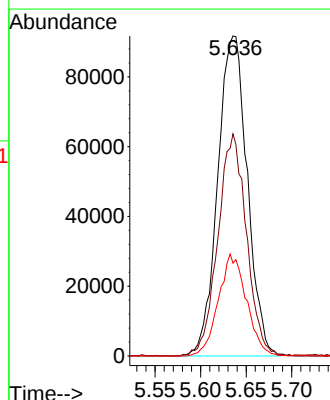
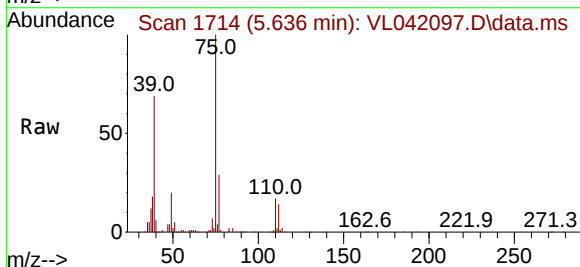
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0305ABS01

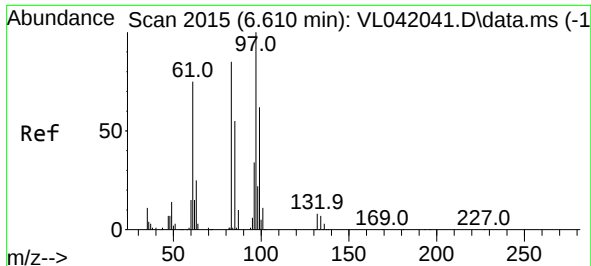
Tgt Ion: 75 Resp: 148287
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.9 38.9



#46
 cis-1,3-Dichloropropene
 Concen: 10.379 ppbv
 RT: 5.636 min Scan# 1714
 Delta R.T. 0.007 min
 Lab File: VL042097.D
 Acq: 05 Mar 2025 10:47

Tgt Ion: 75 Resp: 207033
 Ion Ratio Lower Upper
 75 100
 39 69.4 51.9 77.9
 77 29.0 24.9 37.3





#47

1,1,2-Trichloroethane

Concen: 10.961 ppbv

RT: 6.613 min Scan# 2015

Delta R.T. 0.003 min

Lab File: VL042097.D

Acq: 05 Mar 2025 10:47

Instrument :

MSVOA_L

ClientSampleId :

VL0305ABS01

Tgt Ion: 97 Resp: 167793

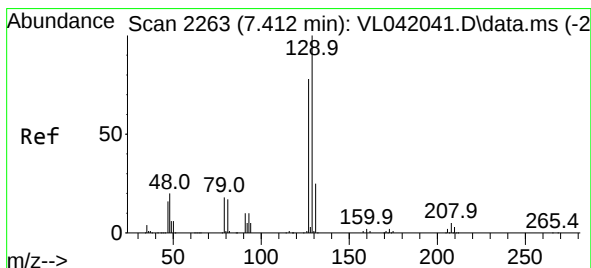
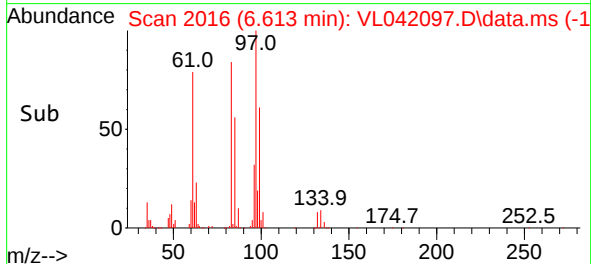
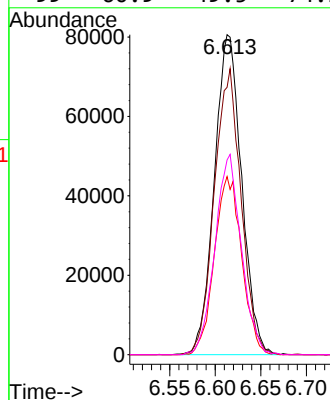
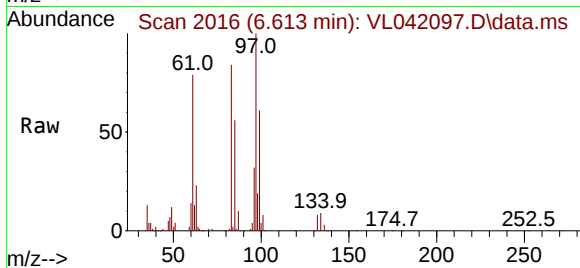
Ion Ratio Lower Upper

97 100

83 83.5 68.1 102.1

85 55.7 44.0 66.0

99 60.9 49.5 74.3



#48

Dibromochloromethane

Concen: 10.959 ppbv

RT: 7.412 min Scan# 2263

Delta R.T. 0.000 min

Lab File: VL042097.D

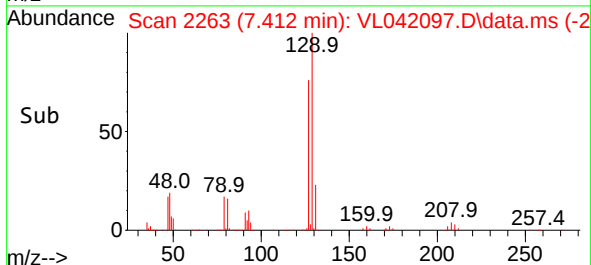
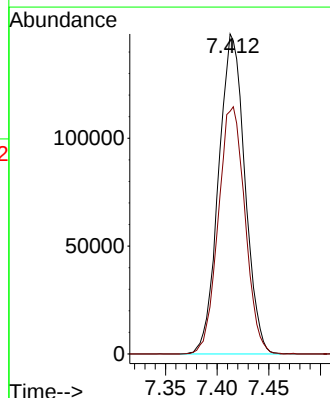
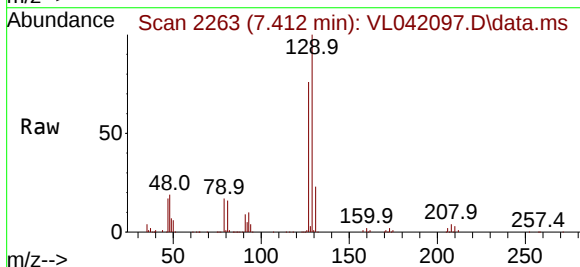
Acq: 05 Mar 2025 10:47

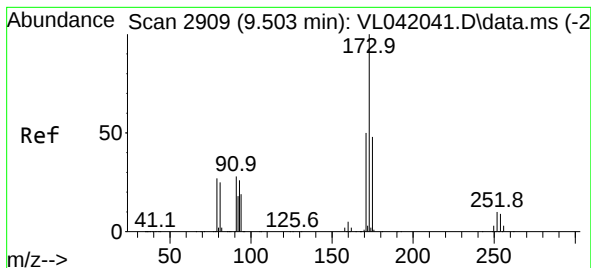
Tgt Ion: 129 Resp: 262758

Ion Ratio Lower Upper

129 100

127 78.5 38.6 115.8





#49

Bromoform

Concen: 11.011 ppbv

RT: 9.503 min Scan# 2909

Delta R.T. 0.000 min

Lab File: VL042097.D

Acq: 05 Mar 2025 10:47

Instrument :

MSVOA_L

ClientSampleId :

VL0305ABS01

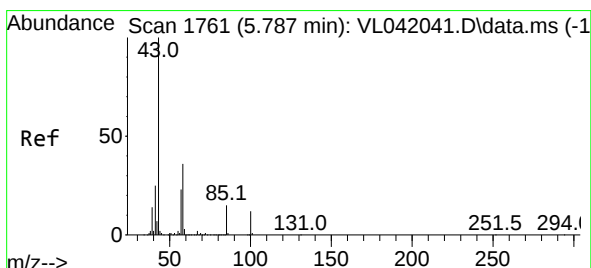
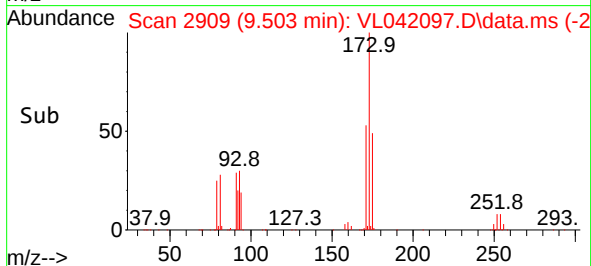
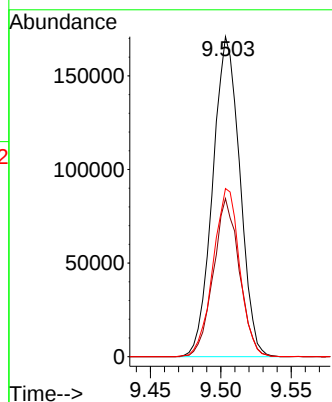
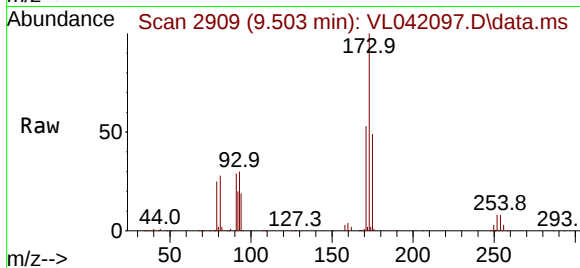
Tgt Ion:173 Resp: 229272

Ion Ratio Lower Upper

173 100

175 47.3 38.3 57.5

171 51.5 40.2 60.2



#50

4-Methyl-2-Pentanone

Concen: 12.065 ppbv

RT: 5.788 min Scan# 1761

Delta R.T. 0.000 min

Lab File: VL042097.D

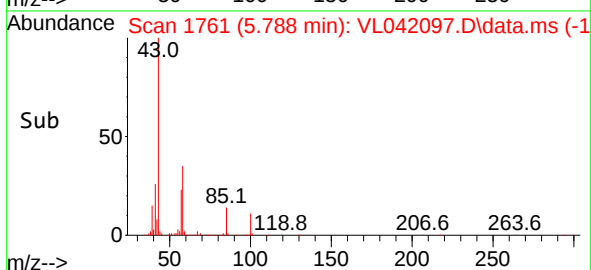
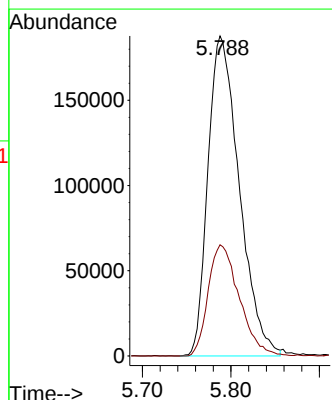
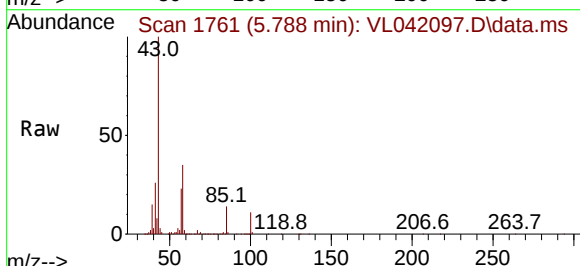
Acq: 05 Mar 2025 10:47

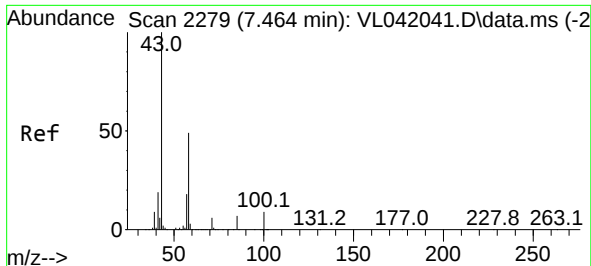
Tgt Ion: 43 Resp: 461338

Ion Ratio Lower Upper

43 100

58 34.7 29.3 43.9

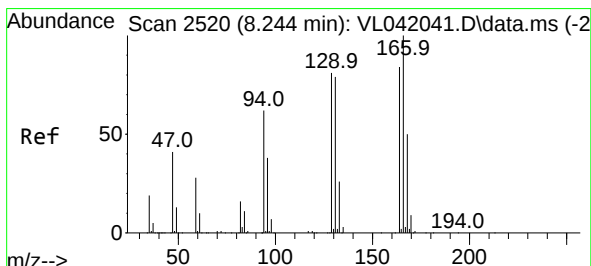
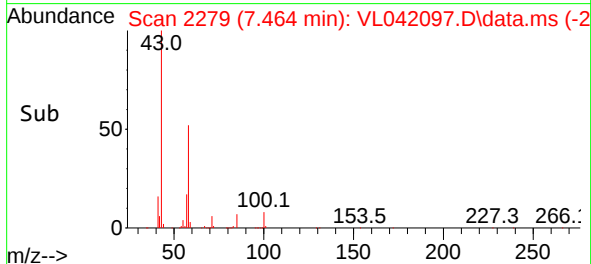
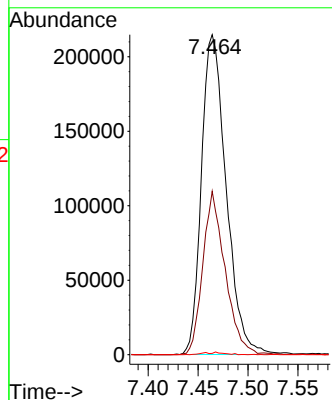
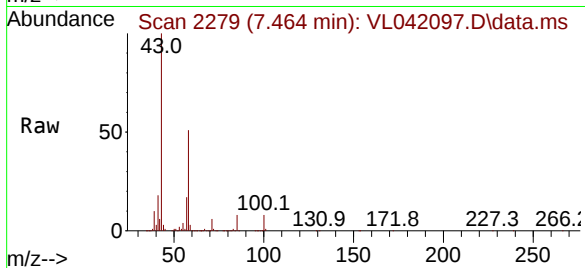




#51
2-Hexanone
Concen: 14.024 ppbv
RT: 7.464 min Scan# 21
Delta R.T. 0.000 min
Lab File: VL042097.D
Acq: 05 Mar 2025 10:47

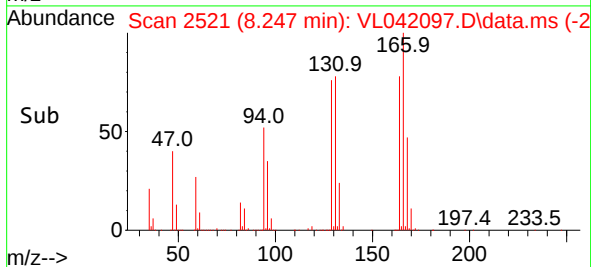
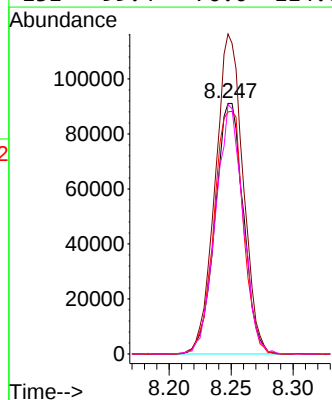
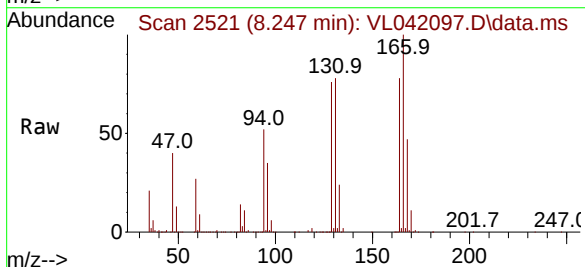
Instrument :
MSVOA_L
ClientSampleId :
VL0305ABS01

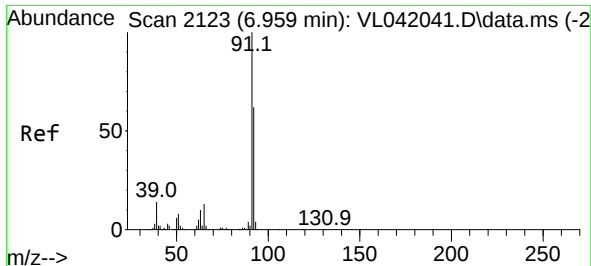
Tgt Ion: 43 Resp: 369072
Ion Ratio Lower Upper
43 100
58 46.4 39.0 58.6
98 0.7 0.1 0.1#



#52
Tetrachloroethene
Concen: 10.642 ppbv
RT: 8.247 min Scan# 2521
Delta R.T. 0.003 min
Lab File: VL042097.D
Acq: 05 Mar 2025 10:47

Tgt Ion:164 Resp: 144742
Ion Ratio Lower Upper
164 100
166 127.6 95.7 143.5
129 96.6 77.1 115.7
131 99.4 76.0 114.0

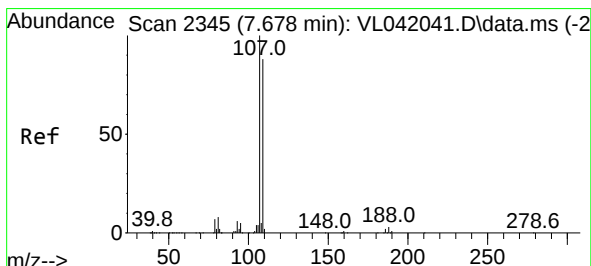
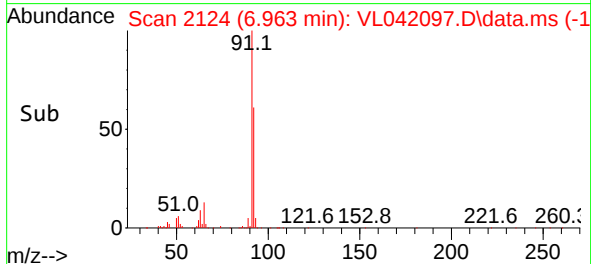
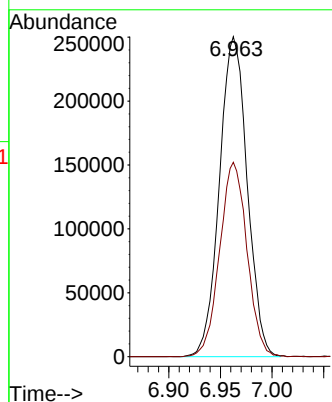
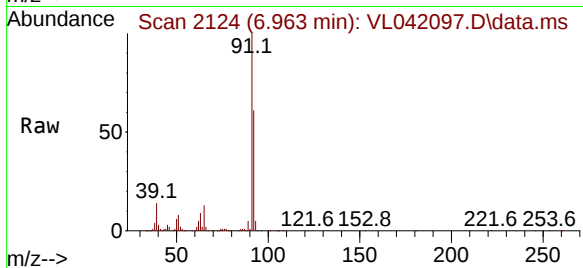




#53
Toluene
Concen: 10.551 ppbv
RT: 6.963 min Scan# 2123
Delta R.T. 0.003 min
Lab File: VL042097.D
Acq: 05 Mar 2025 10:47

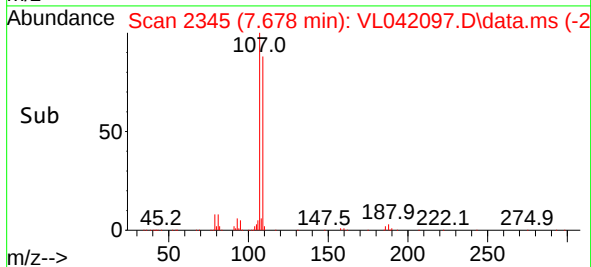
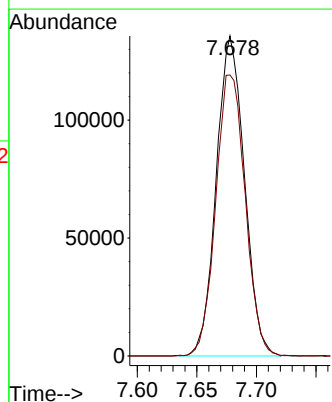
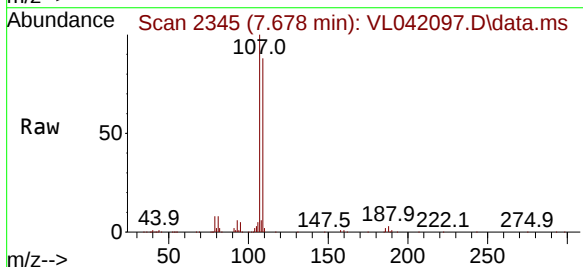
Instrument :
MSVOA_L
ClientSampleId :
VL0305ABS01

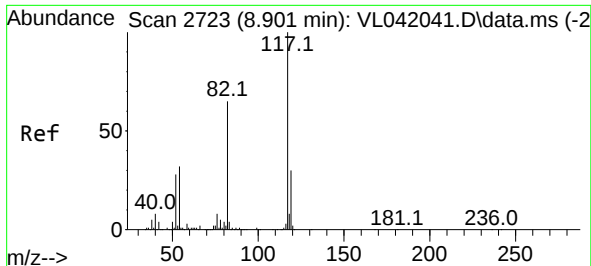
Tgt Ion: 91 Resp: 468447
Ion Ratio Lower Upper
91 100
92 59.8 49.0 73.6



#54
1,2-Dibromoethane
Concen: 10.736 ppbv
RT: 7.678 min Scan# 2345
Delta R.T. 0.000 min
Lab File: VL042097.D
Acq: 05 Mar 2025 10:47

Tgt Ion: 107 Resp: 222200
Ion Ratio Lower Upper
107 100
109 87.6 70.2 105.4

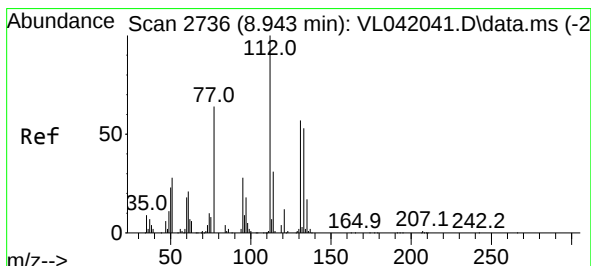
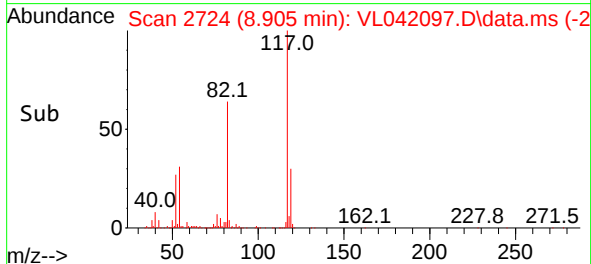
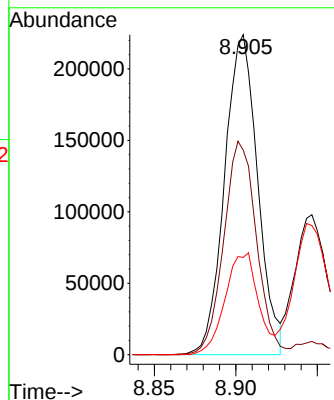
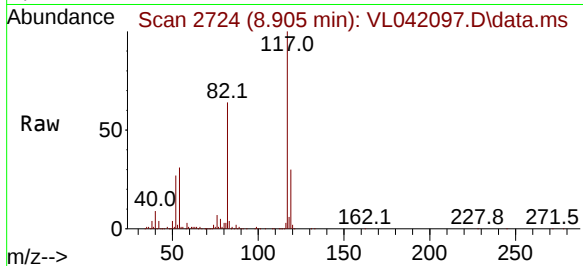




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.905 min Scan# 21
Delta R.T. 0.003 min
Lab File: VL042097.D
Acq: 05 Mar 2025 10:47

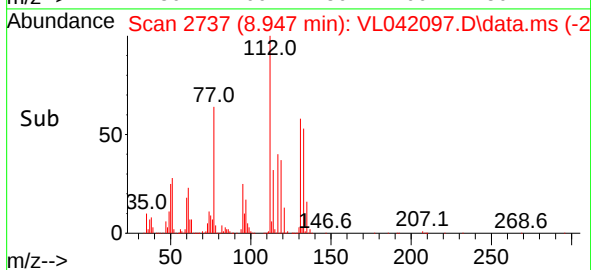
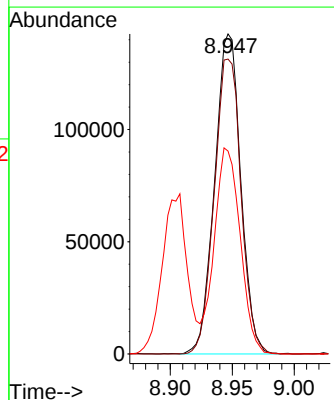
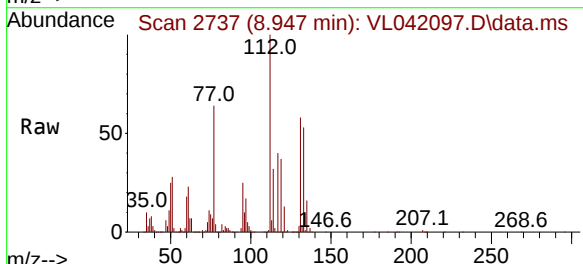
Instrument :
MSVOA_L
ClientSampleId :
VL0305ABS01

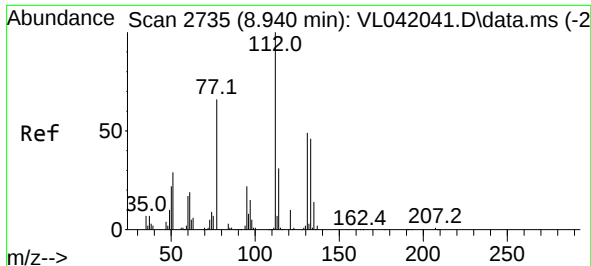
Tgt Ion:117 Resp: 316612
Ion Ratio Lower Upper
117 100
82 69.8 55.0 82.6
119 32.1 25.9 38.9



#56
1,1,1,2-Tetrachloroethane
Concen: 11.731 ppbv
RT: 8.947 min Scan# 2737
Delta R.T. 0.003 min
Lab File: VL042097.D
Acq: 05 Mar 2025 10:47

Tgt Ion:131 Resp: 209934
Ion Ratio Lower Upper
131 100
133 94.4 75.8 113.8
119 65.0 52.1 78.1

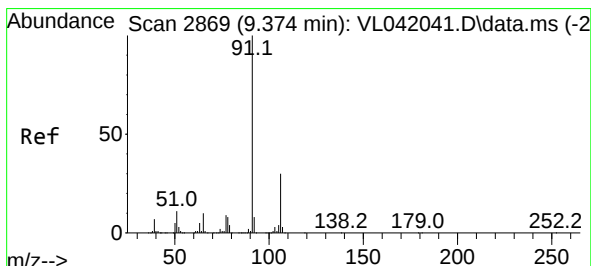
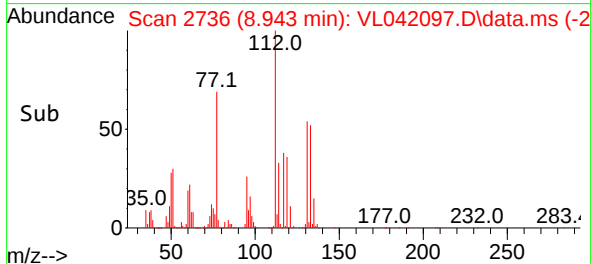
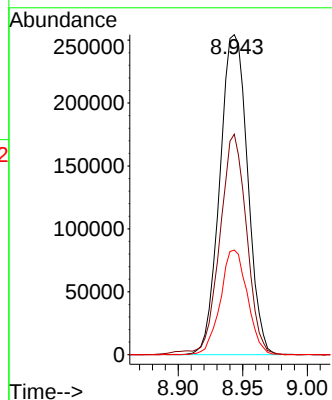
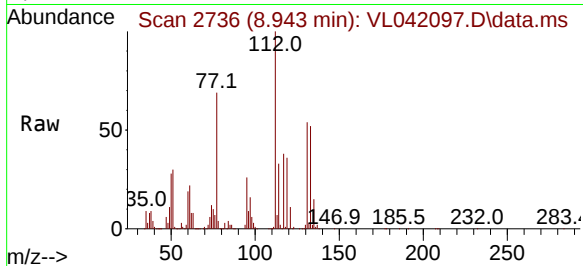




#57
Chlorobenzene
Concen: 11.611 ppbv
RT: 8.943 min Scan# 21
Delta R.T. 0.003 min
Lab File: VL042097.D
Acq: 05 Mar 2025 10:47

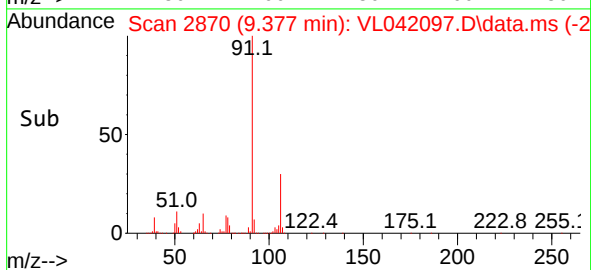
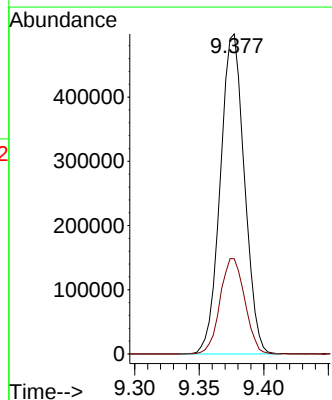
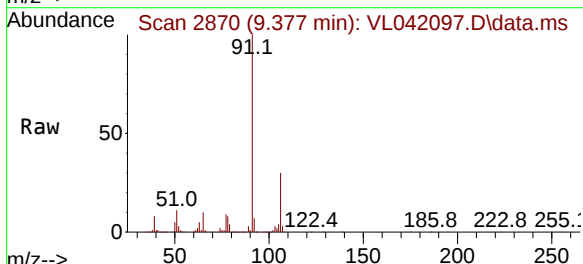
Instrument :
MSVOA_L
ClientSampleId :
VL0305ABS01

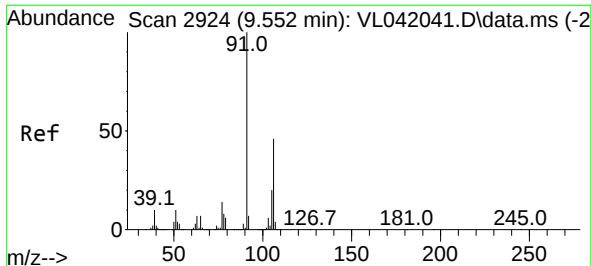
Tgt Ion:112 Resp: 381160
Ion Ratio Lower Upper
112 100
77 68.8 53.4 80.2
114 32.6 28.3 34.5



#58
Ethyl Benzene
Concen: 11.090 ppbv
RT: 9.377 min Scan# 2870
Delta R.T. 0.003 min
Lab File: VL042097.D
Acq: 05 Mar 2025 10:47

Tgt Ion: 91 Resp: 646635
Ion Ratio Lower Upper
91 100
106 29.7 24.2 36.2

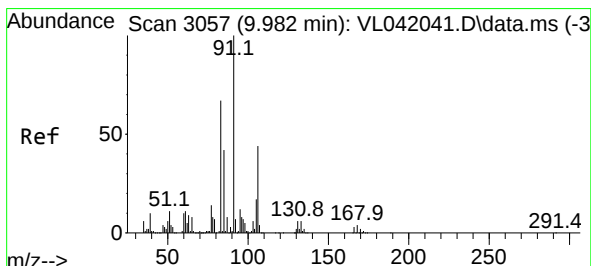
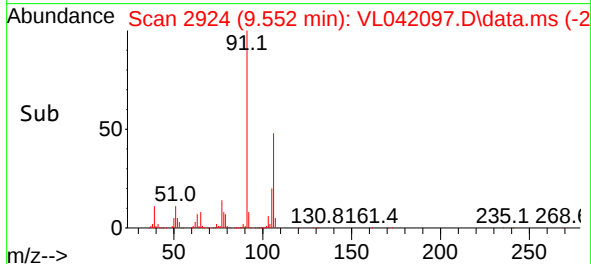
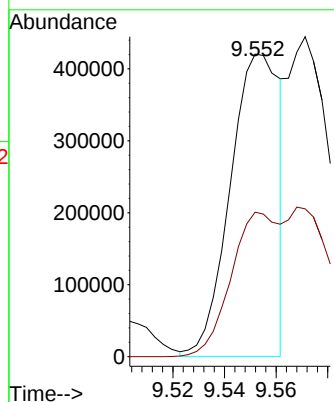
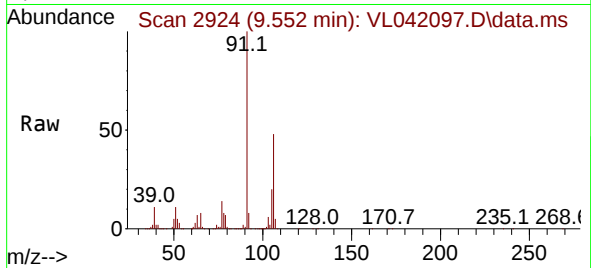




#59
m/p-Xylene
Concen: 12.006 ppbv
RT: 9.552 min Scan# 2924
Delta R.T. 0.000 min
Lab File: VL042097.D
Acq: 05 Mar 2025 10:47

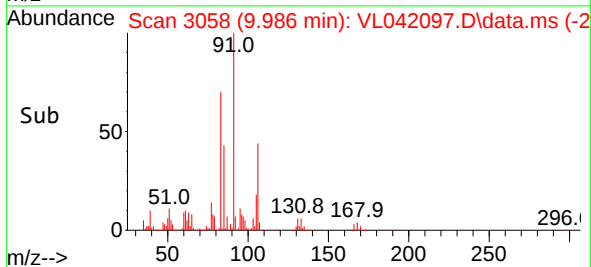
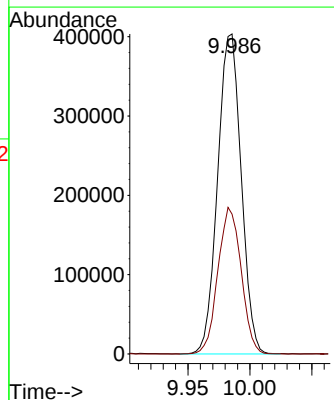
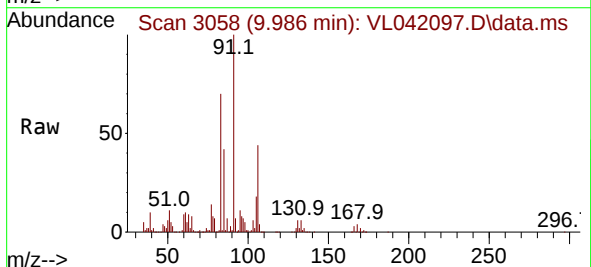
Instrument :
MSVOA_1
ClientSampleId :
VL0305ABS01

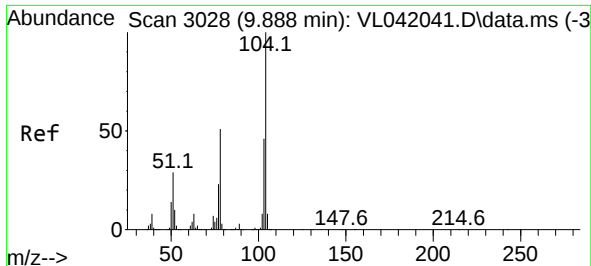
Tgt Ion: 91 Resp: 557083
Ion Ratio Lower Upper
91 100
106 0.0 0.0 0.0



#60
o-Xylene
Concen: 11.472 ppbv
RT: 9.986 min Scan# 3058
Delta R.T. 0.003 min
Lab File: VL042097.D
Acq: 05 Mar 2025 10:47

Tgt Ion: 91 Resp: 535123
Ion Ratio Lower Upper
91 100
106 45.2 22.3 66.8

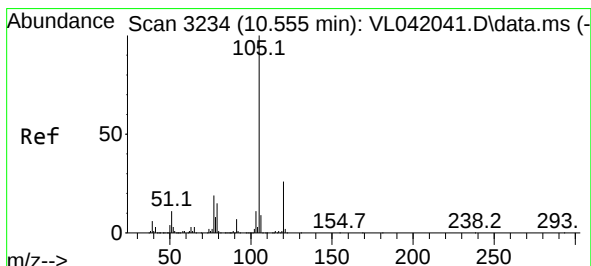
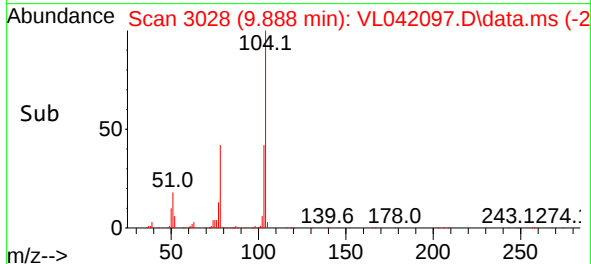
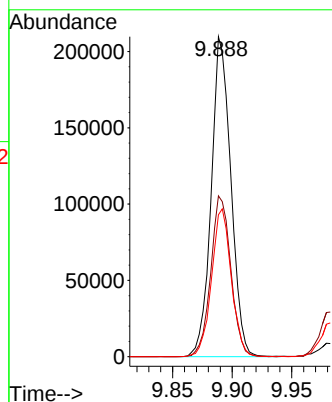
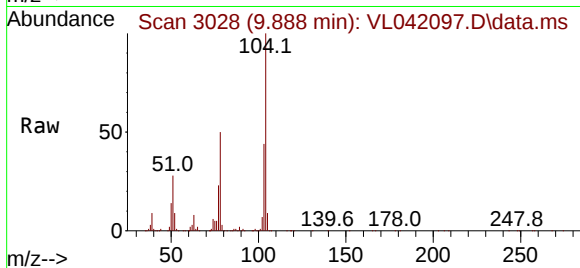




#61
Styrene
Concen: 10.985 ppbv
RT: 9.888 min Scan# 3028
Delta R.T. 0.000 min
Lab File: VL042097.D
Acq: 05 Mar 2025 10:47

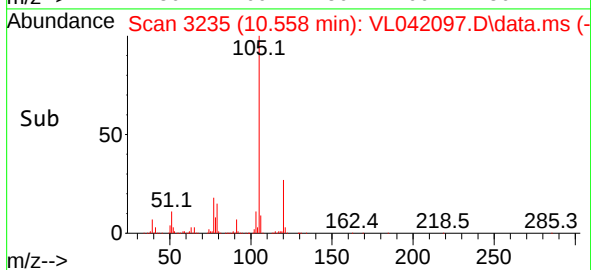
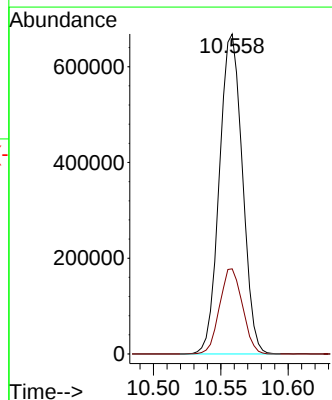
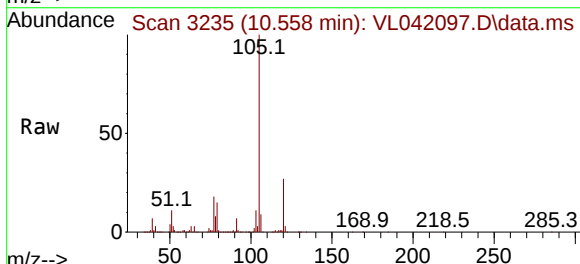
Instrument :
MSVOA_L
ClientSampleId :
VL0305ABS01

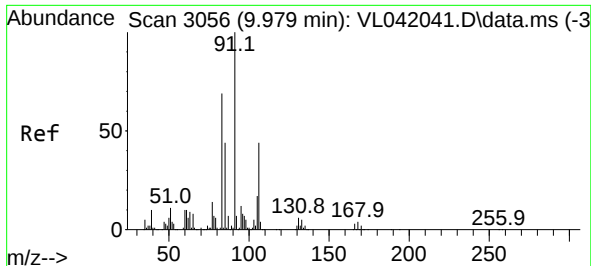
Tgt Ion:104 Resp: 240915
Ion Ratio Lower Upper
104 100
78 51.3 41.0 61.4
103 46.5 37.0 55.6



#62
Isopropylbenzene
Concen: 11.369 ppbv
RT: 10.558 min Scan# 3235
Delta R.T. 0.003 min
Lab File: VL042097.D
Acq: 05 Mar 2025 10:47

Tgt Ion:105 Resp: 794251
Ion Ratio Lower Upper
105 100
120 26.4 20.7 31.1





#63

1,1,2,2-Tetrachloroethane

Concen: 12.097 ppbv

RT: 9.982 min Scan# 3056

Delta R.T. 0.003 min

Lab File: VL042097.D

Acq: 05 Mar 2025 10:47

Instrument :

MSVOA_1

ClientSampleId :

VL0305ABS01

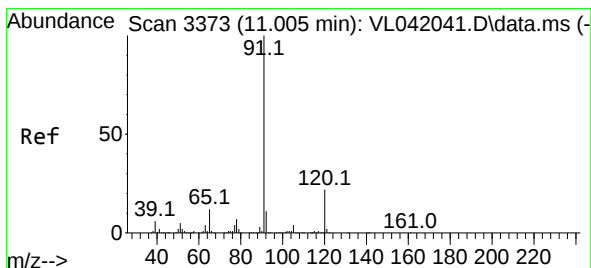
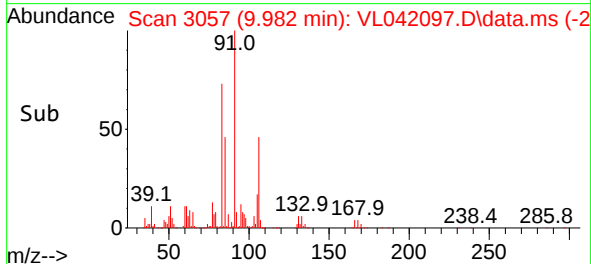
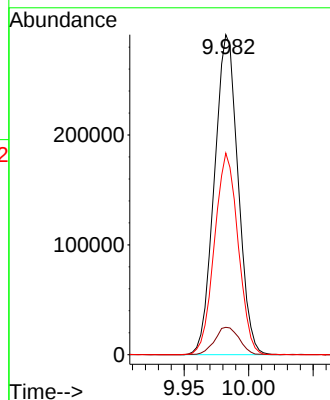
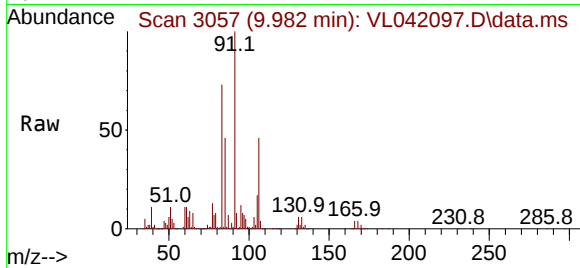
Tgt Ion: 83 Resp: 371615

Ion Ratio Lower Upper

83 100

131 8.9 4.5 13.7

85 62.9 32.1 96.3



#64

n-propylbenzene

Concen: 11.681 ppbv

RT: 11.005 min Scan# 3373

Delta R.T. 0.000 min

Lab File: VL042097.D

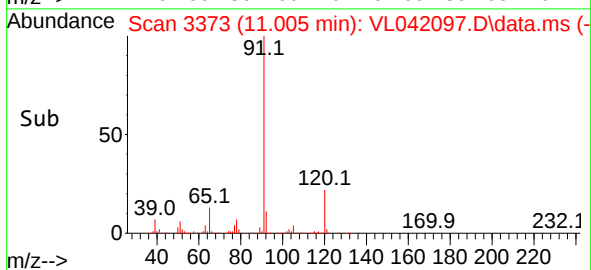
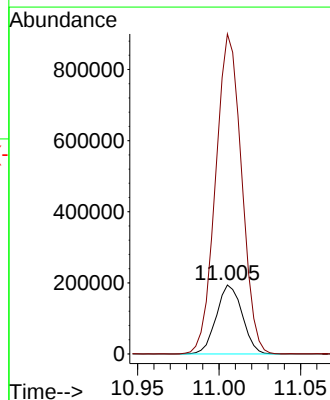
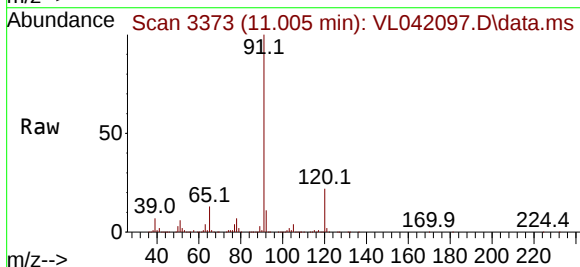
Acq: 05 Mar 2025 10:47

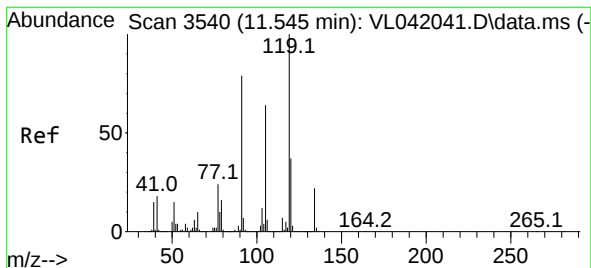
Tgt Ion: 120 Resp: 214049

Ion Ratio Lower Upper

120 100

91 466.5 370.6 556.0





#65

tert-Butylbenzene

Concen: 11.265 ppbv

RT: 11.549 min Scan# 3541

Delta R.T. 0.003 min

Lab File: VL042097.D

Acq: 05 Mar 2025 10:47

Instrument :

MSVOA_L

ClientSampleId :

VL0305ABS01

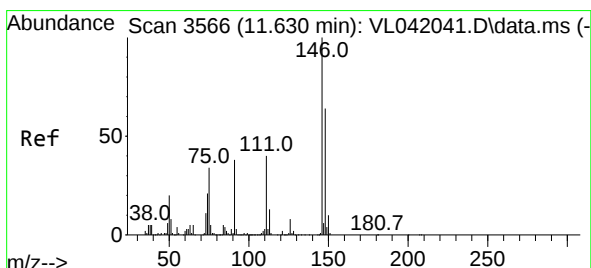
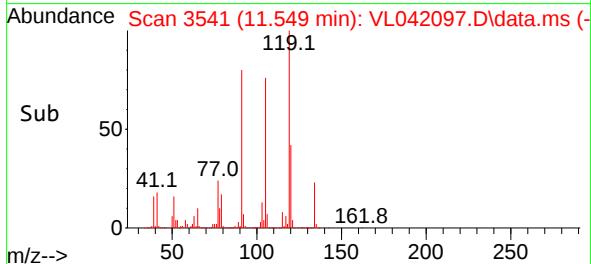
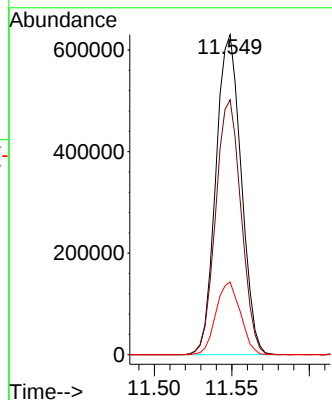
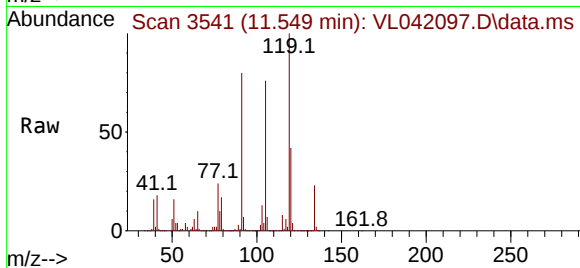
Tgt Ion:119 Resp: 716249

Ion Ratio Lower Upper

119 100

91 80.1 64.2 96.2

134 22.0 17.4 26.2



#66

Benzyl Chloride

Concen: 8.838 ppbv

RT: 11.633 min Scan# 3567

Delta R.T. 0.003 min

Lab File: VL042097.D

Acq: 05 Mar 2025 10:47

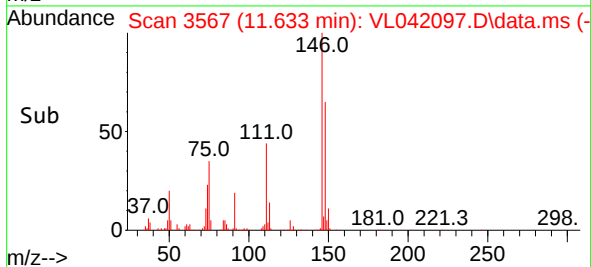
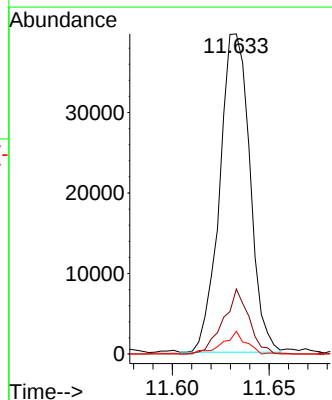
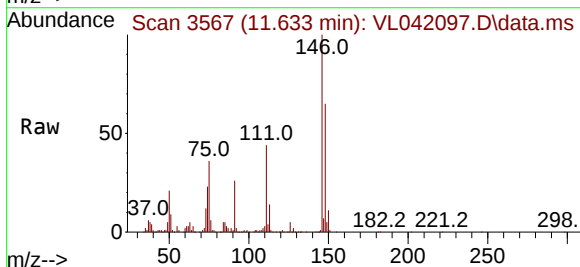
Tgt Ion: 91 Resp: 42880

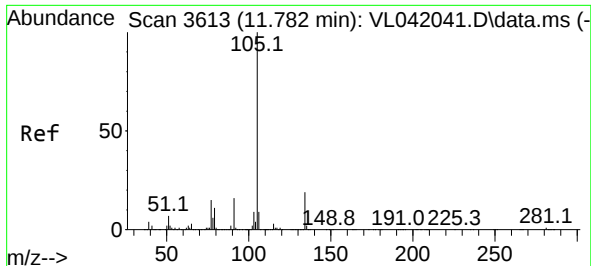
Ion Ratio Lower Upper

91 100

126 17.4 14.5 21.7

128 5.6 5.4 8.2

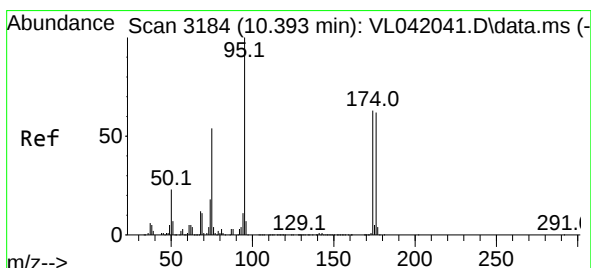
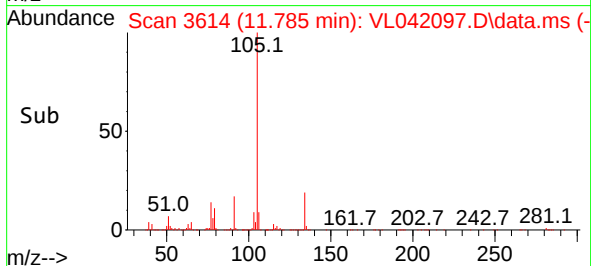
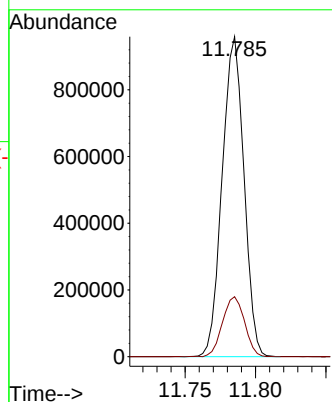
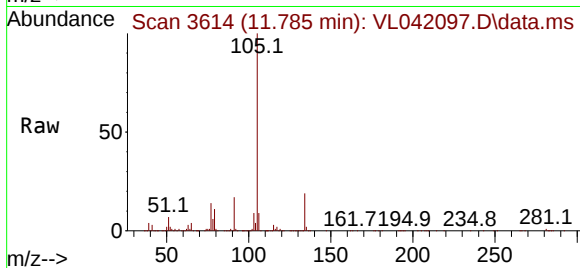




#67
 sec-Butylbenzene
 Concen: 11.360 ppbv
 RT: 11.785 min Scan# 3614
 Delta R.T. 0.003 min
 Lab File: VL042097.D
 Acq: 05 Mar 2025 10:47

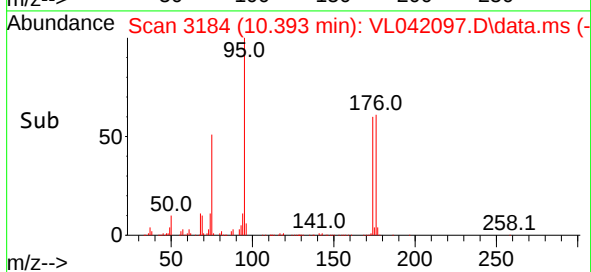
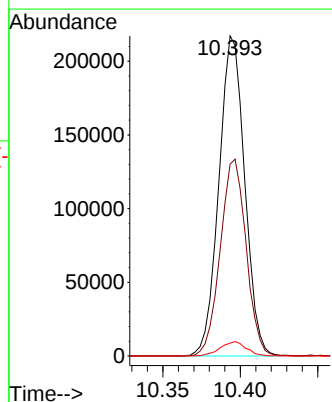
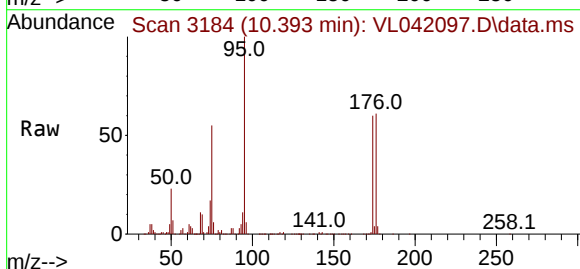
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0305ABS01

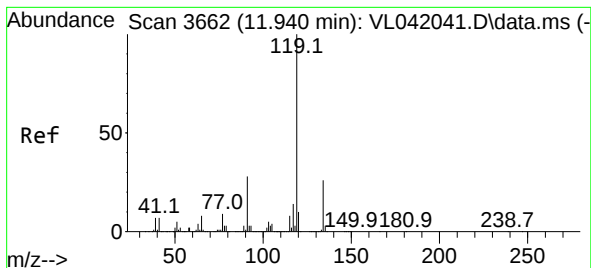
Tgt Ion:105 Resp: 1032923
 Ion Ratio Lower Upper
 105 100
 134 19.0 14.9 22.3



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.324 ppbv
 RT: 10.393 min Scan# 3184
 Delta R.T. 0.000 min
 Lab File: VL042097.D
 Acq: 05 Mar 2025 10:47

Tgt Ion: 95 Resp: 251469
 Ion Ratio Lower Upper
 95 100
 174 61.7 51.8 77.6
 175 4.5 3.9 5.9

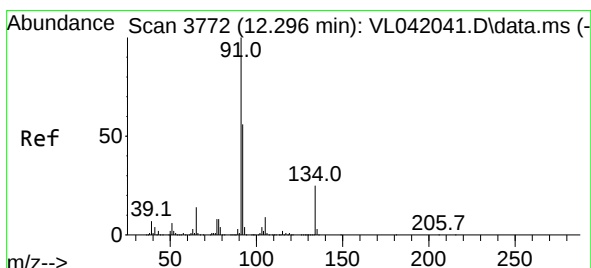
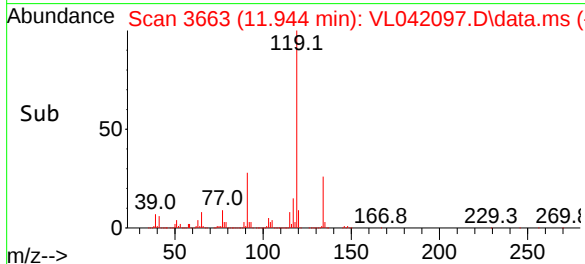
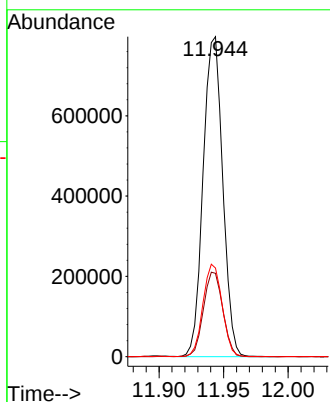
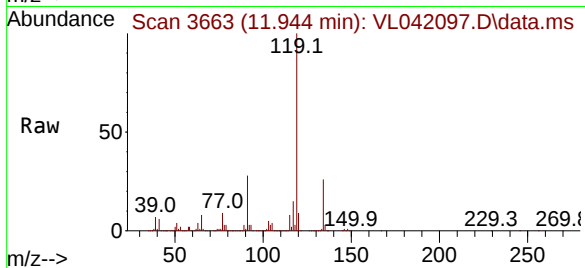




#69
p-Isopropyltoluene
Concen: 11.633 ppbv
RT: 11.944 min Scan# 3663
Delta R.T. 0.003 min
Lab File: VL042097.D
Acq: 05 Mar 2025 10:47

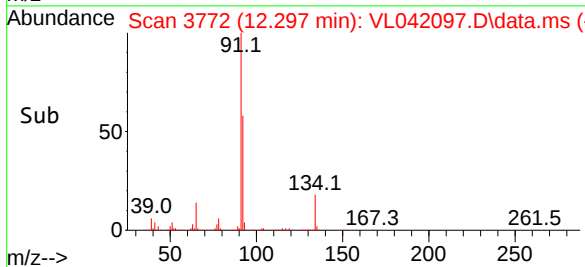
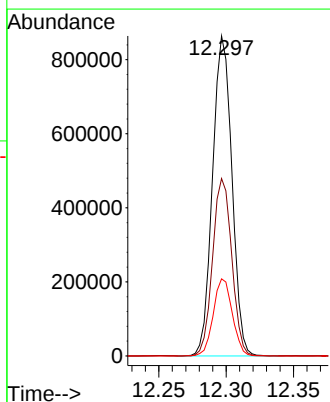
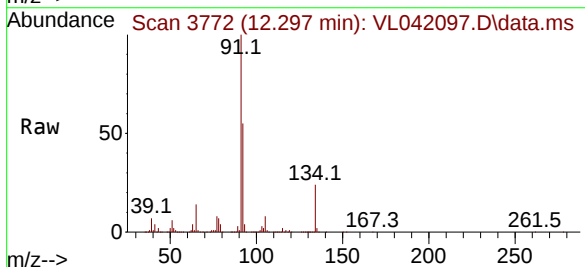
Instrument :
MSVOA_1
ClientSampleId :
VL0305ABS01

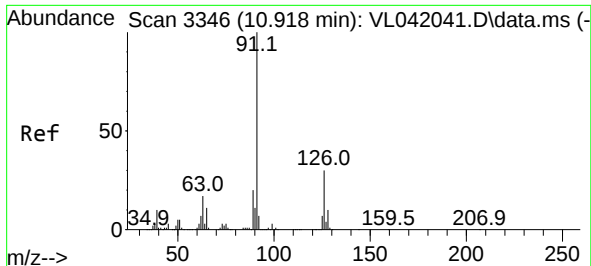
Tgt Ion:119 Resp: 841604
Ion Ratio Lower Upper
119 100
134 26.2 20.9 31.3
91 28.4 23.1 34.7



#70
n-Butylbenzene
Concen: 11.696 ppbv
RT: 12.297 min Scan# 3772
Delta R.T. 0.000 min
Lab File: VL042097.D
Acq: 05 Mar 2025 10:47

Tgt Ion: 91 Resp: 863719
Ion Ratio Lower Upper
91 100
92 55.0 44.7 67.1
134 23.7 18.9 28.3

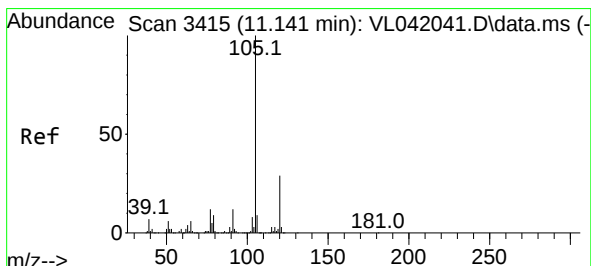
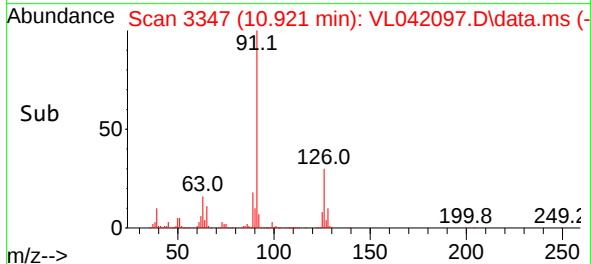
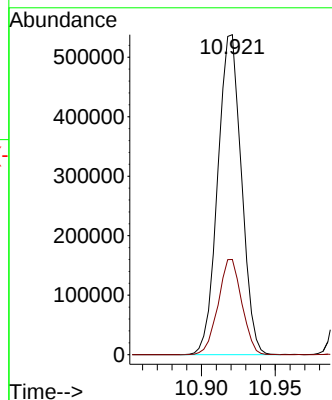
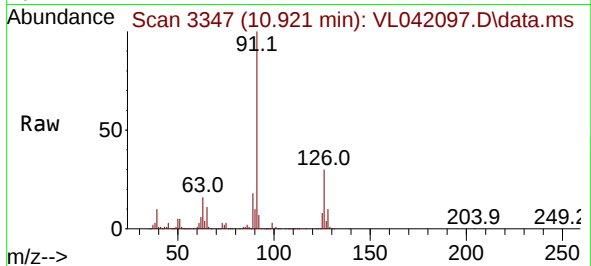




#71
2-Chlorotoluene
Concen: 11.174 ppbv
RT: 10.921 min Scan# 31
Delta R.T. 0.003 min
Lab File: VL042097.D
Acq: 05 Mar 2025 10:47

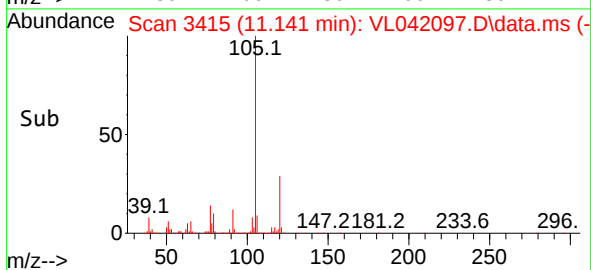
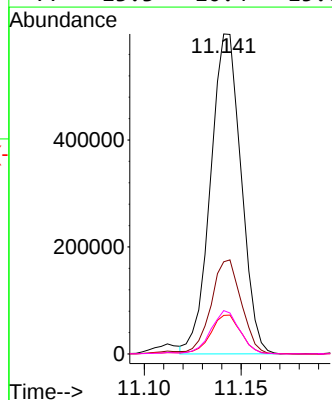
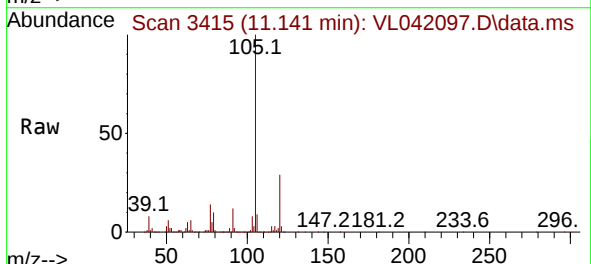
Instrument :
MSVOA_L
ClientSampleId :
VL0305ABS01

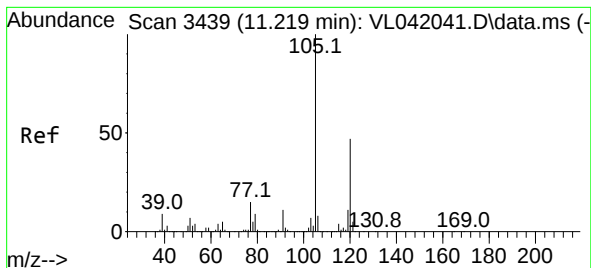
Tgt Ion: 91 Resp: 601798
Ion Ratio Lower Upper
91 100
126 29.7 11.9 47.5



#72
4-Ethyltoluene
Concen: 11.531 ppbv
RT: 11.141 min Scan# 3415
Delta R.T. 0.000 min
Lab File: VL042097.D
Acq: 05 Mar 2025 10:47

Tgt Ion:105 Resp: 656733
Ion Ratio Lower Upper
105 100
120 29.7 24.1 36.1
91 12.5 10.2 15.4
77 13.3 10.4 15.6





#73

1,3,5-Trimethylbenzene

Concen: 11.246 ppbv

RT: 11.219 min Scan# 3439

Delta R.T. 0.000 min

Lab File: VL042097.D

Acq: 05 Mar 2025 10:47

Instrument :

MSVOA_1

ClientSampleId :

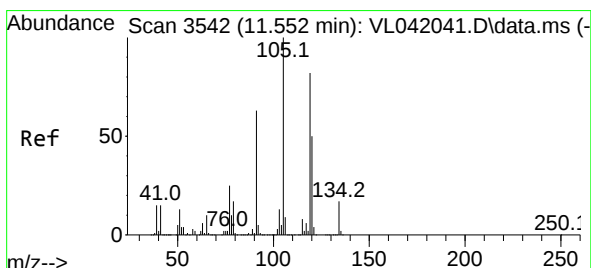
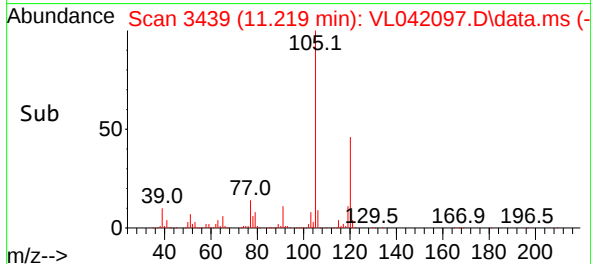
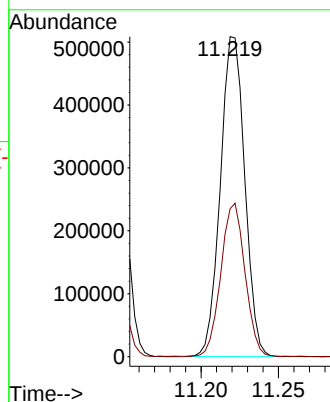
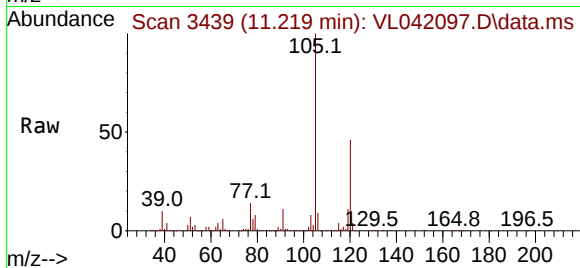
VL0305ABS01

Tgt Ion:105 Resp: 555629

Ion Ratio Lower Upper

105 100

120 46.3 37.4 56.0



#74

1,2,4-Trimethylbenzene

Concen: 11.141 ppbv

RT: 11.552 min Scan# 3542

Delta R.T. 0.000 min

Lab File: VL042097.D

Acq: 05 Mar 2025 10:47

Tgt Ion:105 Resp: 619811

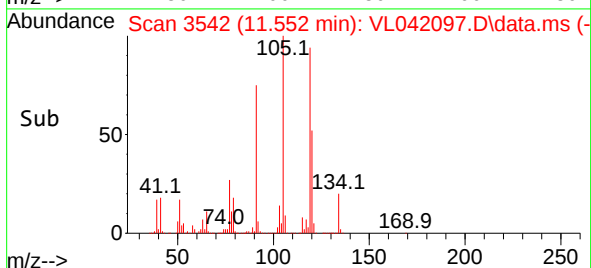
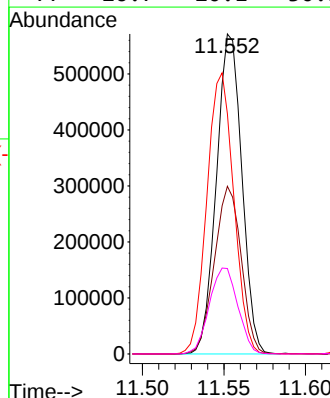
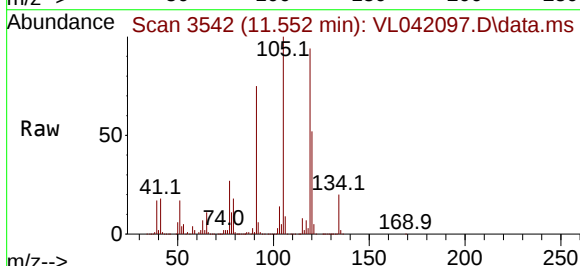
Ion Ratio Lower Upper

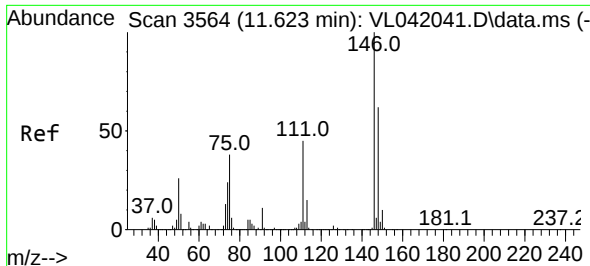
105 100

120 52.4 40.2 60.2

91 75.0 51.4 77.2

77 26.7 20.1 30.1

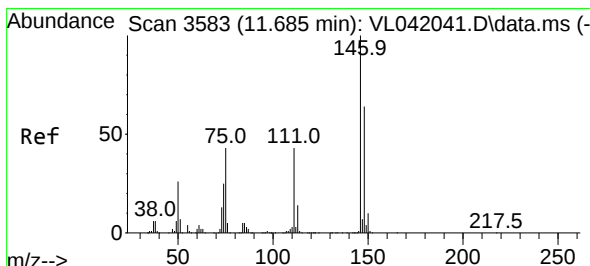
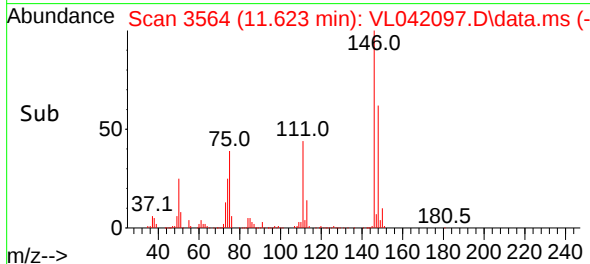
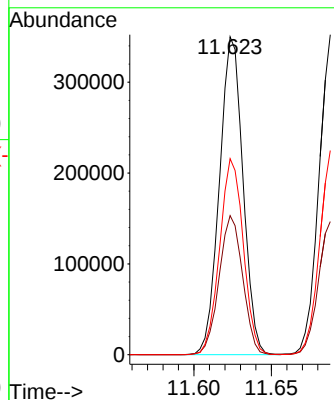
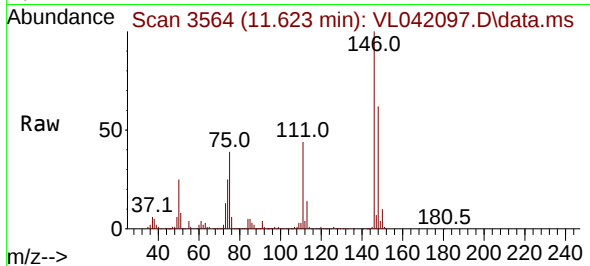




#75
1,3-Dichlorobenzene
Concen: 11.545 ppbv
RT: 11.623 min Scan# 3564
Delta R.T. 0.000 min
Lab File: VL042097.D
Acq: 05 Mar 2025 10:47

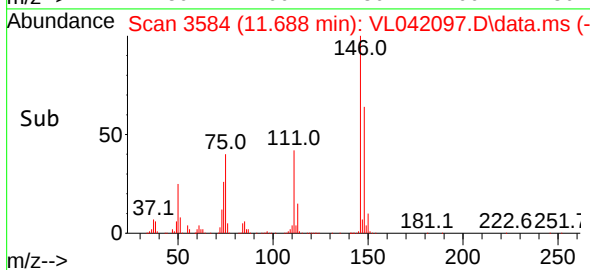
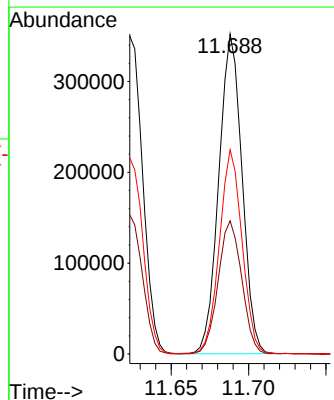
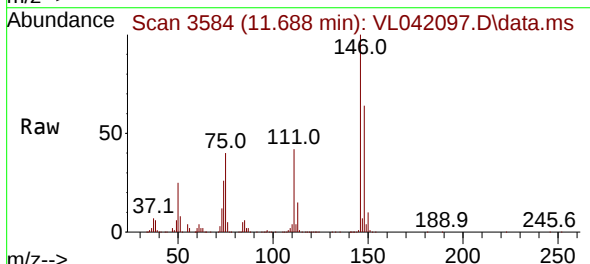
Instrument :
MSVOA_L
ClientSampleId :
VL0305ABS01

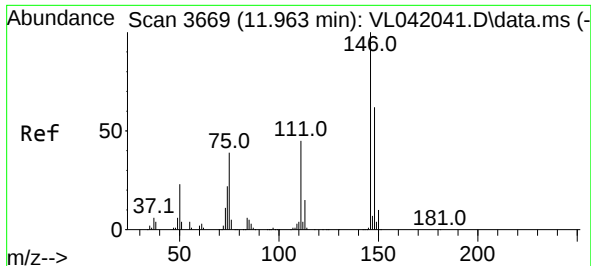
Tgt Ion:146 Resp: 369651
Ion Ratio Lower Upper
146 100
111 43.9 22.4 67.2
148 62.0 32.3 96.8



#76
1,4-Dichlorobenzene
Concen: 11.551 ppbv
RT: 11.688 min Scan# 3584
Delta R.T. 0.003 min
Lab File: VL042097.D
Acq: 05 Mar 2025 10:47

Tgt Ion:146 Resp: 367199
Ion Ratio Lower Upper
146 100
111 42.4 21.5 64.5
148 62.5 31.6 95.0

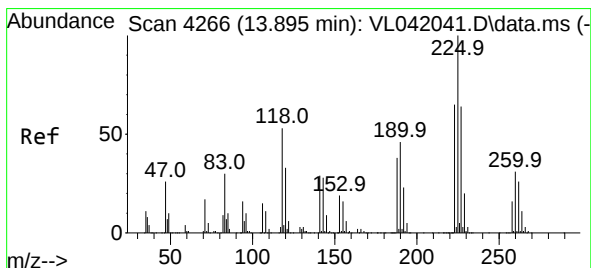
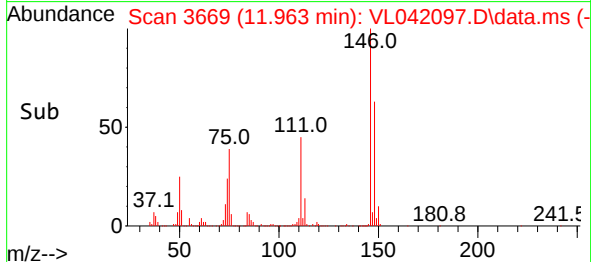
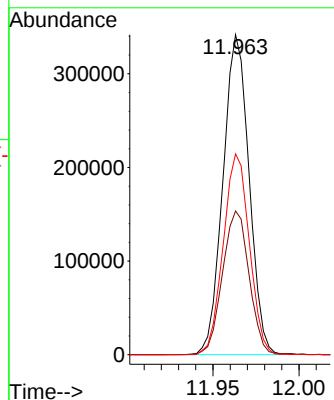
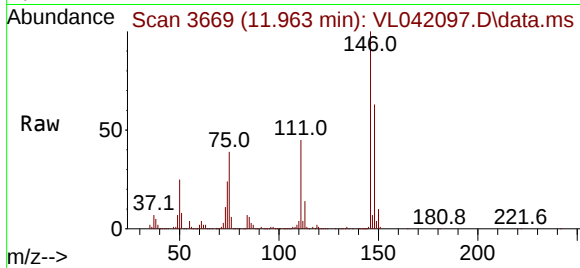




#77
1,2-Dichlorobenzene
Concen: 11.584 ppbv
RT: 11.963 min Scan# 3669
Delta R.T. 0.000 min
Lab File: VL042097.D
Acq: 05 Mar 2025 10:47

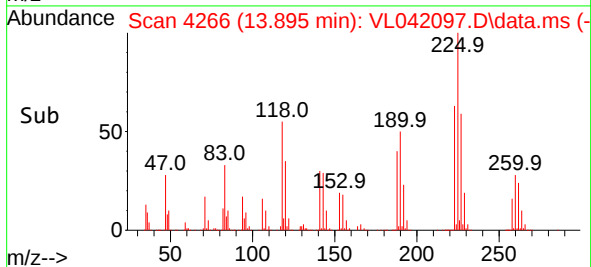
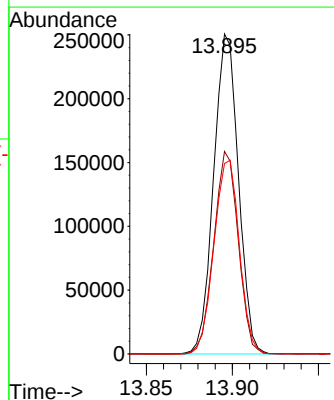
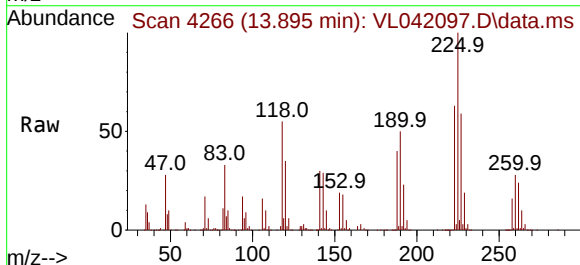
Instrument :
MSVOA_1
ClientSampleId :
VL0305ABS01

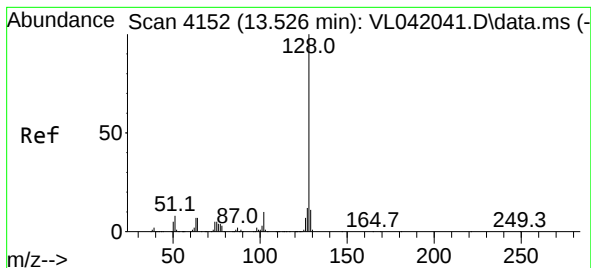
Tgt Ion:146 Resp: 359930
Ion Ratio Lower Upper
146 100
111 46.0 23.2 69.6
148 62.9 31.4 94.2



#78
Hexachloro-1,3-Butadiene
Concen: 10.382 ppbv
RT: 13.895 min Scan# 4266
Delta R.T. 0.000 min
Lab File: VL042097.D
Acq: 05 Mar 2025 10:47

Tgt Ion:225 Resp: 250988
Ion Ratio Lower Upper
225 100
223 62.6 50.2 75.2
227 62.3 50.8 76.2





#79

Naphthalene

Concen: 14.380 ppbv

RT: 13.530 min Scan# 4152

Delta R.T. 0.003 min

Lab File: VL042097.D

Acq: 05 Mar 2025 10:47

Instrument :

MSVOA_L

ClientSampleId :

VL0305ABS01

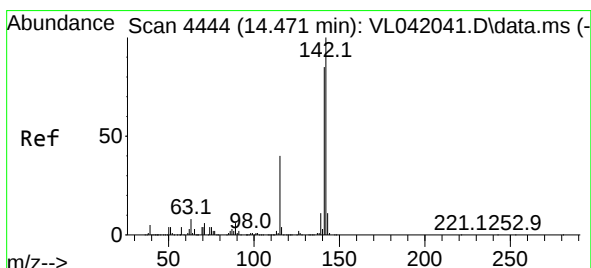
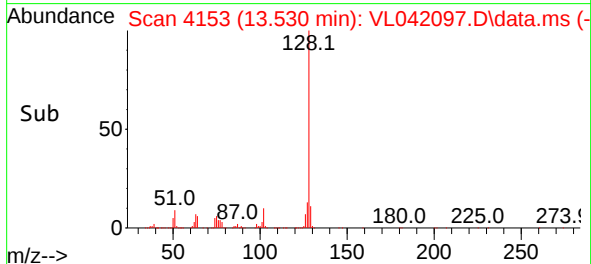
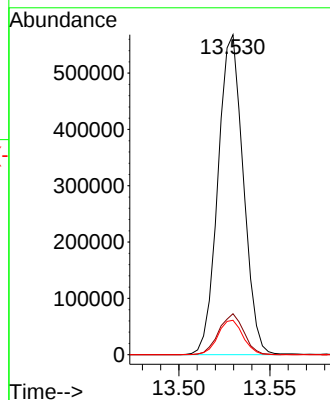
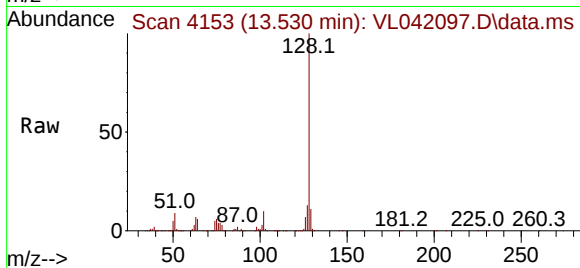
Tgt Ion:128 Resp: 548544

Ion Ratio Lower Upper

128 100

127 12.8 9.8 14.6

129 10.8 8.6 12.8



#80

Naphthalene,2-methyl-

Concen: 18.593 ppbv

RT: 14.472 min Scan# 4444

Delta R.T. 0.000 min

Lab File: VL042097.D

Acq: 05 Mar 2025 10:47

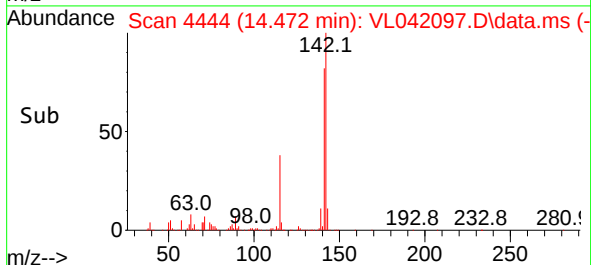
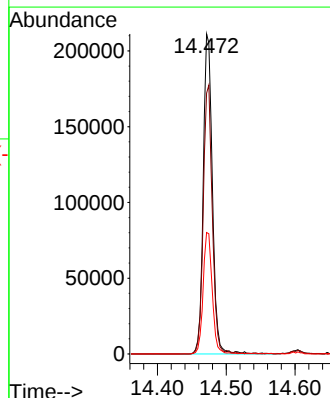
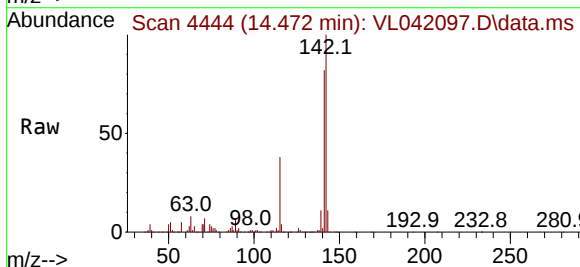
Tgt Ion:142 Resp: 194094

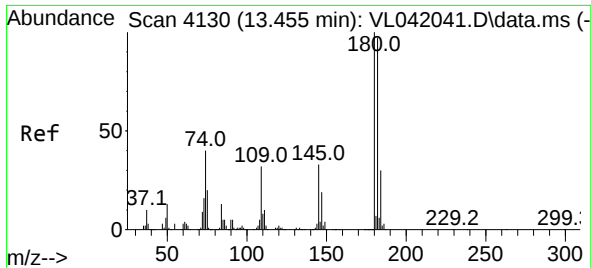
Ion Ratio Lower Upper

142 100

141 83.9 65.8 98.6

115 38.3 29.5 44.3





#81
 1,2,4-Trichlorobenzene
 Concen: 11.618 ppbv
 RT: 13.455 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VL042097.D
 Acq: 05 Mar 2025 10:47

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0305ABS01

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.8	75.1	112.7
184	31.2	23.8	35.6

