

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL041525\
 Data File : VL042328.D
 Acq On : 15 Apr 2025 12:54
 Operator : SY/MD
 Sample : VL0415ABS01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0415ABS01

Quant Time: Apr 16 01:30:27 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL032725AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri Mar 28 02:00:52 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.810	49	171986	10.000	ppbv	0.03
33) 1,4-Difluorobenzene	3.994	114	444595	10.000	ppbv	0.04
55) Chlorobenzene-d5	8.917	117	399604	10.000	ppbv	0.04

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.406	95	318902	9.718	ppbv	0.04
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.200%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.509	85	214241	8.437	ppbv	99
3) Chlorodifluoromethane	1.486	51	234966	9.058	ppbv	97
4) Chloromethane	1.541	50	88230	8.502	ppbv	98
5) Vinyl Chloride	1.589	62	82221	7.476	ppbv	94
6) Bromomethane	1.680	94	36050	7.665	ppbv	100
7) Chloroethane	1.716	64	33039	7.931	ppbv	97
8) Dichlorotetrafluoroethane	1.564	85	178173	8.239	ppbv	95
9) Propene	1.492	41	94136	7.917	ppbv	99
10) Heptane	5.027	43	267288	8.451	ppbv	99
11) Trichlorofluoromethane	1.890	101	201665	8.162	ppbv	99
12) 1,1,2-Trichlorotrifluo...	2.156	101	154306	7.598	ppbv	98
13) Ethanol	1.732	45	4407	3.921	ppbv	97
14) Bromoethene	1.793	108	57635	7.408	ppbv	99
15) Acetone	1.848	43	178724	7.430	ppbv	96
16) 1,3-Butadiene	1.619	39	89479	7.617	ppbv	96
17) tert-Butyl alcohol	2.055	59	202421	6.757	ppbv	99
18) 1,1-Dichloroethene	2.049	96	69013	7.269	ppbv	97
19) Isopropyl Alcohol	1.900	45	100289	7.390	ppbv	97
20) Methylene Chloride	2.075	84	60054	6.704	ppbv	88
21) Allyl Chloride	2.111	41	127800	7.534	ppbv	98
22) trans-1,2-Dichloroethene	2.360	96	78991	7.198	ppbv	98
23) Vinyl Acetate	2.483	43	64777	6.222	ppbv	98
24) 1,1-Dichloroethane	2.428	63	168373	8.277	ppbv	99
25) Ethyl Acetate	2.861	43	545140	8.732	ppbv	99
26) Hexane	2.848	57	205629	8.528	ppbv	97
27) Carbon Disulfide	2.166	76	191388	7.402	ppbv	99
28) Methyl tert-Butyl Ether	2.460	73	107667	7.172	ppbv	96
29) Chloroform	2.874	83	309262	8.763	ppbv	100
30) Cyclohexane	3.891	84	165914	7.924	ppbv	98
31) cis-1,2-Dichloroethene	2.742	61	197651	8.074	ppbv	99
32) 1,1,1-Trichloroethane	3.395	97	304143	7.528	ppbv	97
34) 2-Butanone	2.580	43	300576	9.323	ppbv	98
35) Carbon Tetrachloride	3.797	117	314849	9.065	ppbv	99
36) Benzene	3.690	78	407959	9.256	ppbv	98
37) 1,2-Dichloroethane	3.247	62	235609	9.337	ppbv	99
38) Trichloroethene	4.590	130	164664	8.954	ppbv	96
39) 1,2-Dichloropropane	4.354	63	149260	9.299	ppbv	97
40) 1,4-Dioxane	4.625	88	68773	8.072	ppbv #	95
41) Tetrahydrofuran	3.082	42	173776	9.361	ppbv	95
42) Bromodichloromethane	4.532	83	327497	9.414	ppbv	99
43) Methyl Methacrylate	4.930	69	151531	8.121	ppbv	98
44) 2,2,4-Trimethylpentane	4.680	57	707832	9.503	ppbv	98
45) t-1,3-Dichloropropene	6.470	75	143714	7.179	ppbv	91

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL041525\
 Data File : VL042328.D
 Acq On : 15 Apr 2025 12:54
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 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

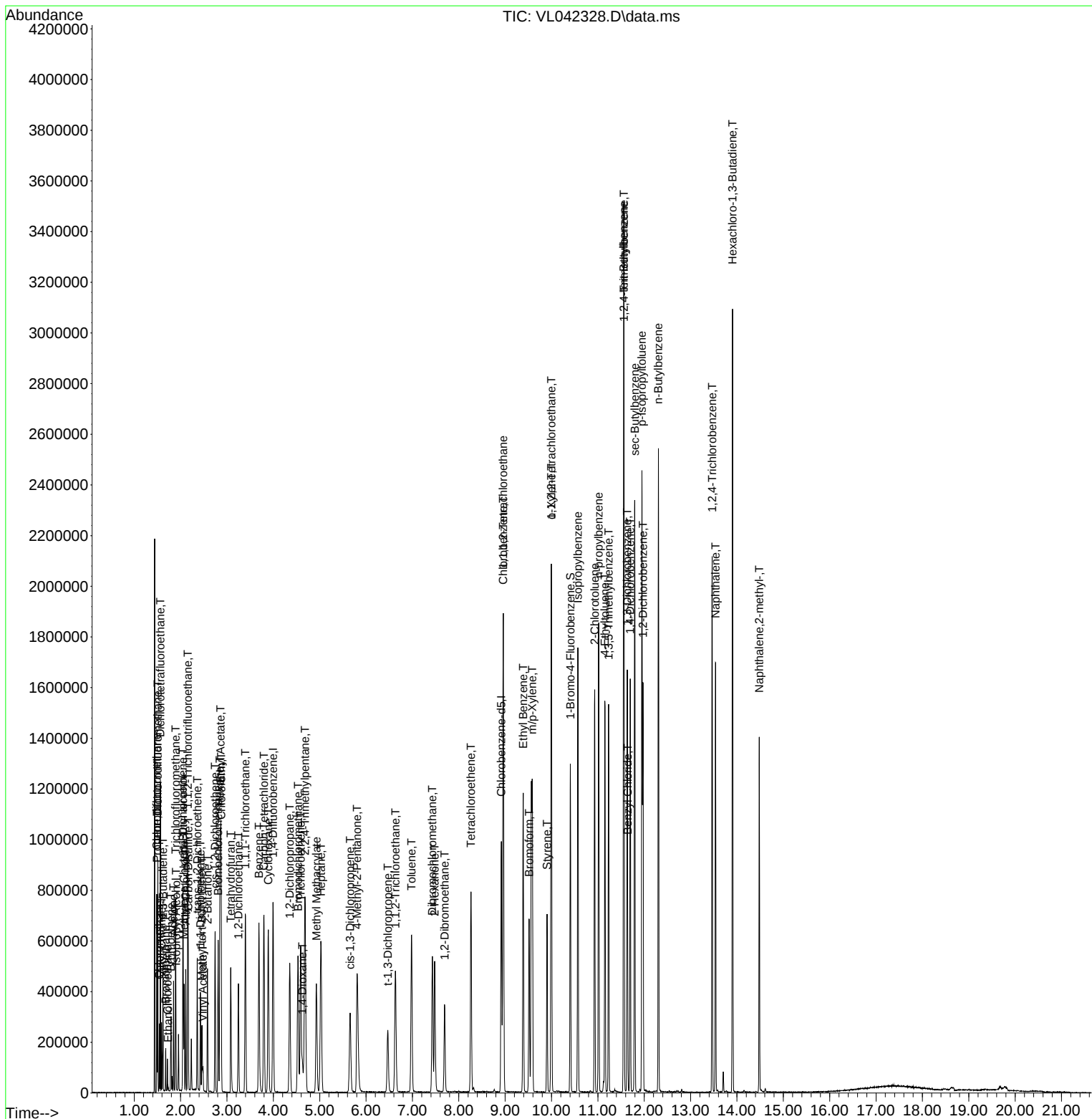
Instrument :
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 ClientSampleId :
 VL0415ABS01

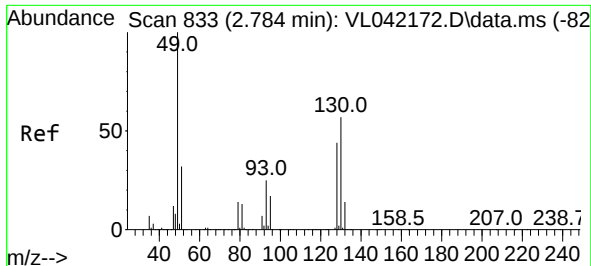
Quant Time: Apr 16 01:30:27 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL032725AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri Mar 28 02:00:52 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	5.658	75	192419	7.841	ppbv	96
47) 1,1,2-Trichloroethane	6.635	97	163251	9.621	ppbv	98
48) Dibromochloromethane	7.428	129	266192	9.256	ppbv	100
49) Bromoform	9.519	173	236686	9.168	ppbv	99
50) 4-Methyl-2-Pentanone	5.807	43	429988	8.416	ppbv	95
51) 2-Hexanone	7.480	43	344172	8.203	ppbv #	96
52) Tetrachloroethene	8.263	164	139845	8.000	ppbv	95
53) Toluene	6.978	91	447178	8.559	ppbv	99
54) 1,2-Dibromoethane	7.694	107	214982	9.089	ppbv	98
56) 1,1,1,2-Tetrachloroethane	8.959	131	216770	9.855	ppbv	98
57) Chlorobenzene	8.956	112	369132	9.739	ppbv	95
58) Ethyl Benzene	9.390	91	618669	8.716	ppbv	100
59) m/p-Xylene	9.584	91	510187	9.001	ppbv #	21
60) o-Xylene	9.995	91	517471	9.107	ppbv	96
61) Styrene	9.904	104	229601	8.168	ppbv	97
62) Isopropylbenzene	10.568	105	785673	9.247	ppbv	99
63) 1,1,2,2-Tetrachloroethane	9.995	83	351308	10.176	ppbv	99
64) n-propylbenzene	11.018	120	210294	9.615	ppbv	98
65) tert-Butylbenzene	11.558	119	718948	9.149	ppbv	97
66) Benzyl Chloride	11.642	91	55150	6.614	ppbv	99
67) sec-Butylbenzene	11.795	105	1018861	9.328	ppbv	100
69) p-Isopropyltoluene	11.950	119	863264	9.179	ppbv	99
70) n-Butylbenzene	12.306	91	891883	9.273	ppbv	99
71) 2-Chlorotoluene	10.930	91	590408	8.953	ppbv	99
72) 4-Ethyltoluene	11.150	105	652962	9.230	ppbv	98
73) 1,3,5-Trimethylbenzene	11.231	105	559451	9.055	ppbv	100
74) 1,2,4-Trimethylbenzene	11.565	105	632271	8.883	ppbv	97
75) 1,3-Dichlorobenzene	11.633	146	381882	9.782	ppbv	98
76) 1,4-Dichlorobenzene	11.697	146	383116	9.861	ppbv	98
77) 1,2-Dichlorobenzene	11.973	146	386768	10.175	ppbv	98
78) Hexachloro-1,3-Butadiene	13.905	225	314860	8.138	ppbv	100
79) Naphthalene	13.539	128	777722	9.989	ppbv	99
80) Naphthalene,2-methyl-	14.481	142	375541	9.836	ppbv	98
81) 1,2,4-Trichlorobenzene	13.465	180	343011	9.551	ppbv	99

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

Quant Time: Apr 16 01:30:27 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL032725AIR.M
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QLast Update : Fri Mar 28 02:00:52 2025
Response via : Initial Calibration

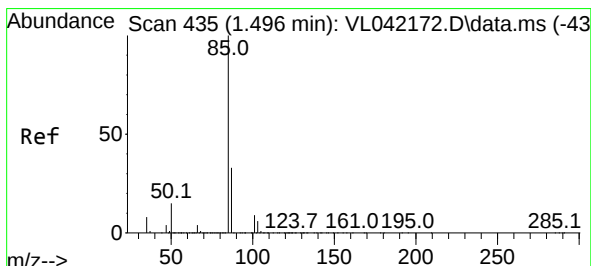
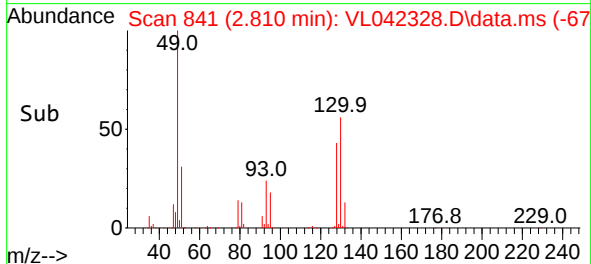
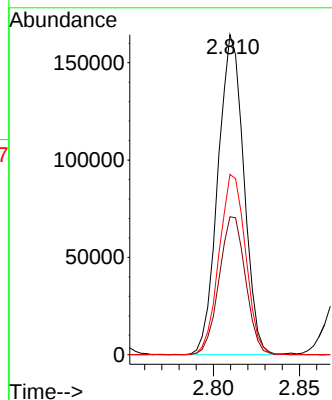
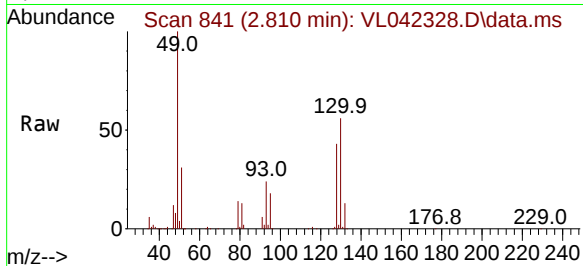




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.810 min Scan# 841
Delta R.T. 0.026 min
Lab File: VL042328.D
Acq: 15 Apr 2025 12:54

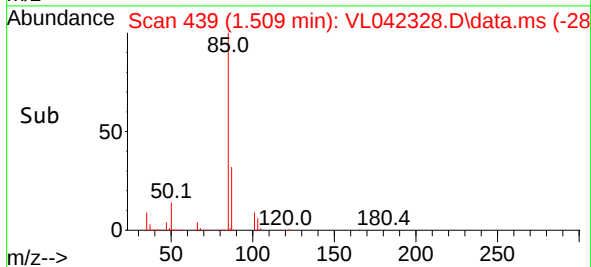
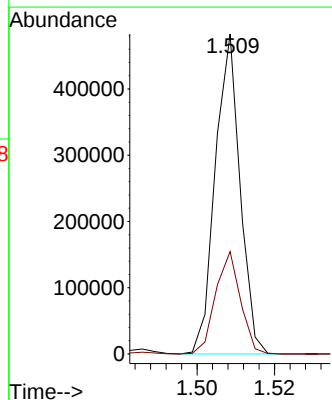
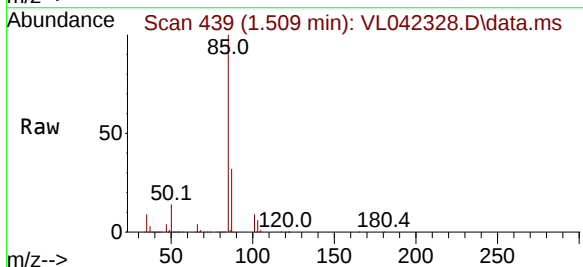
Instrument :
MSVOA_L
ClientSampleId :
VL0415ABS01

Tgt Ion: 49 Resp: 171986
Ion Ratio Lower Upper
49 100
128 43.9 22.9 68.5
130 57.7 28.8 86.4



#2
Dichlorodifluoromethane
Concen: 8.437 ppbv
RT: 1.509 min Scan# 439
Delta R.T. 0.013 min
Lab File: VL042328.D
Acq: 15 Apr 2025 12:54

Tgt Ion: 85 Resp: 214241
Ion Ratio Lower Upper
85 100
87 32.0 26.1 39.1

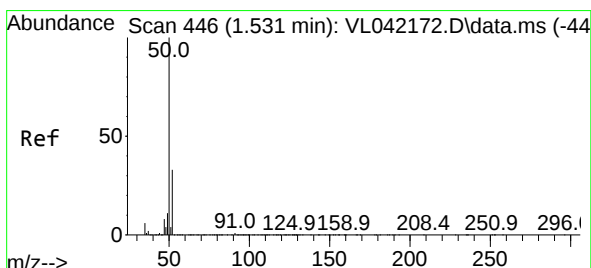
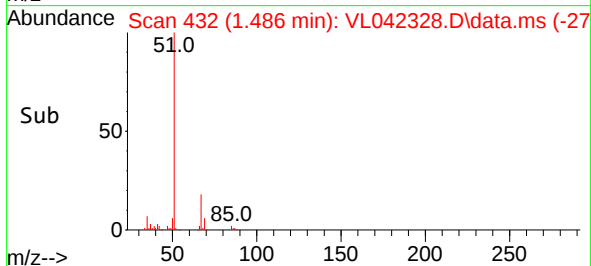
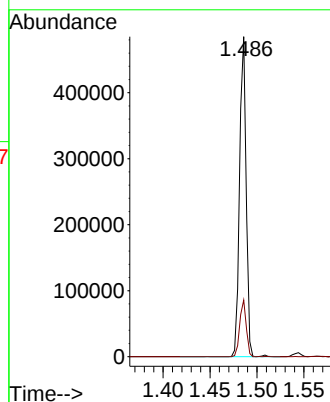
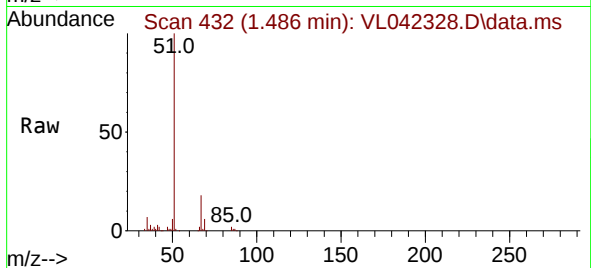




#3
Chlorodifluoromethane
Concen: 9.058 ppbv
RT: 1.486 min Scan# 41
Delta R.T. 0.013 min
Lab File: VL042328.D
Acq: 15 Apr 2025 12:54

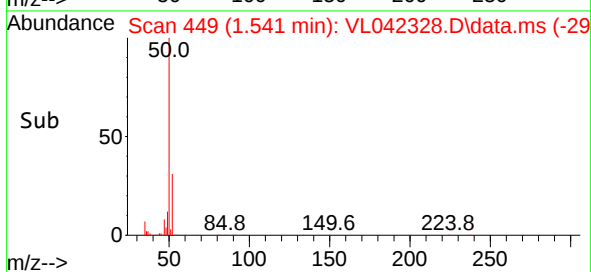
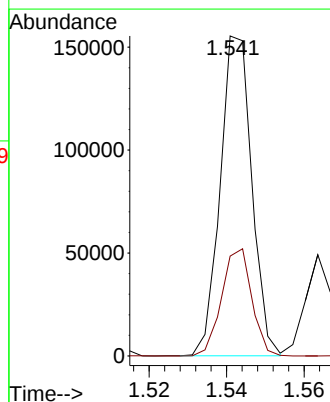
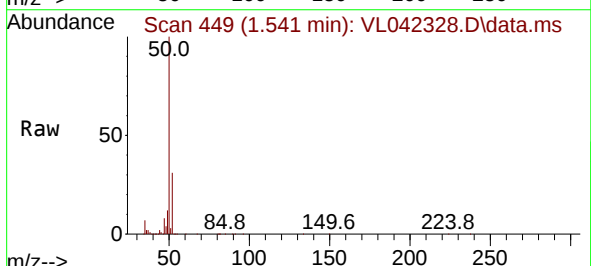
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ClientSampleId :
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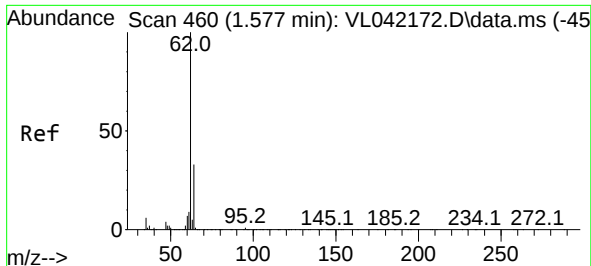
Tgt Ion: 51 Resp: 234966
Ion Ratio Lower Upper
51 100
67 17.6 15.0 22.6



#4
Chloromethane
Concen: 8.502 ppbv
RT: 1.541 min Scan# 449
Delta R.T. 0.010 min
Lab File: VL042328.D
Acq: 15 Apr 2025 12:54

Tgt Ion: 50 Resp: 88230
Ion Ratio Lower Upper
50 100
52 31.2 26.1 39.1

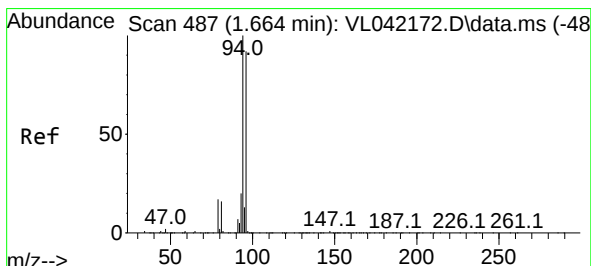
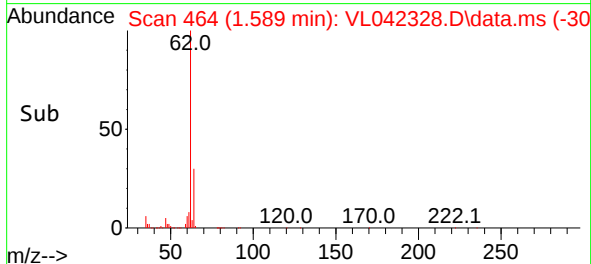
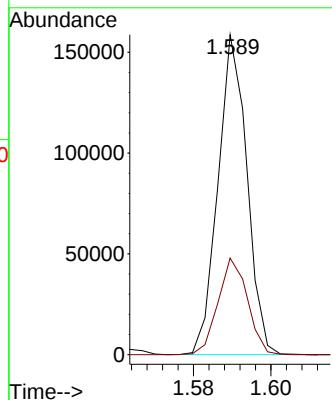
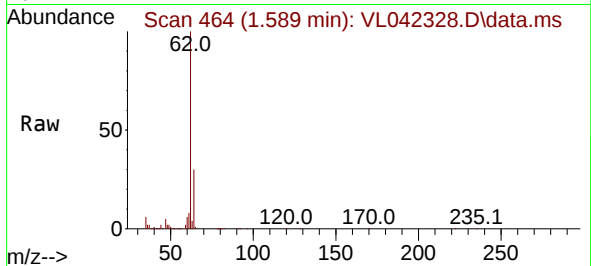




#5
 Vinyl Chloride
 Concen: 7.476 ppbv
 RT: 1.589 min Scan# 41
 Delta R.T. 0.013 min
 Lab File: VL042328.D
 Acq: 15 Apr 2025 12:54

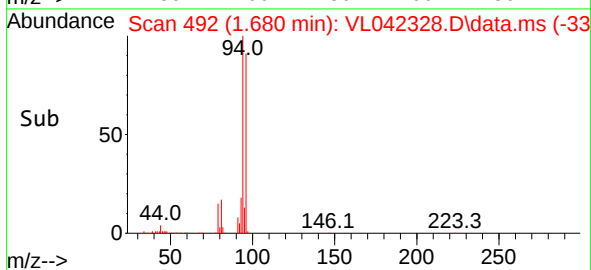
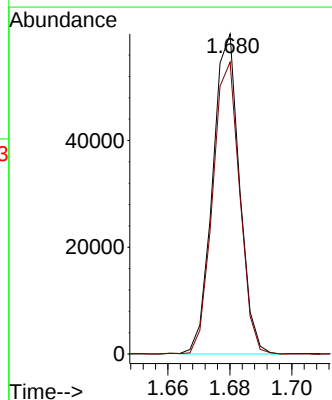
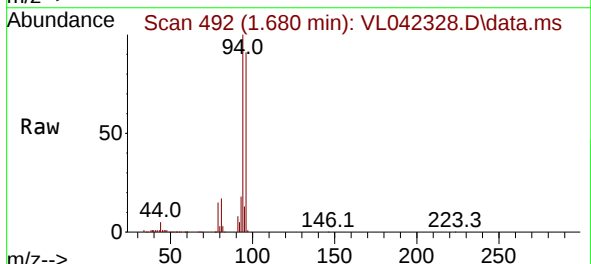
Instrument :
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 VL0415ABS01

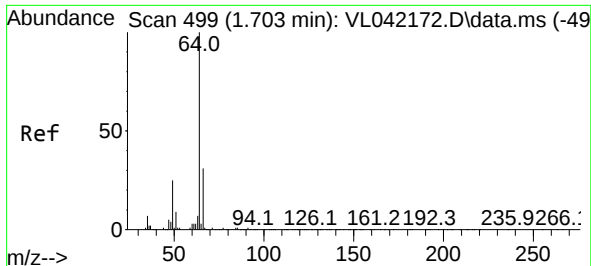
Tgt Ion: 62 Resp: 82221
 Ion Ratio Lower Upper
 62 100
 64 30.2 26.6 40.0



#6
 Bromomethane
 Concen: 7.665 ppbv
 RT: 1.680 min Scan# 492
 Delta R.T. 0.016 min
 Lab File: VL042328.D
 Acq: 15 Apr 2025 12:54

Tgt Ion: 94 Resp: 36050
 Ion Ratio Lower Upper
 94 100
 96 91.2 73.1 109.7

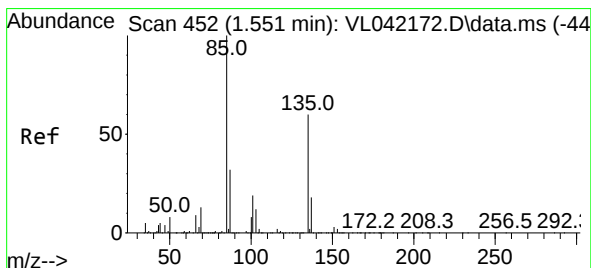
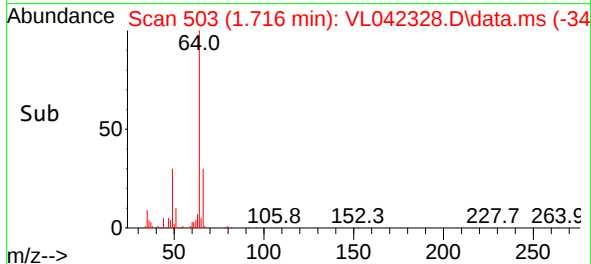
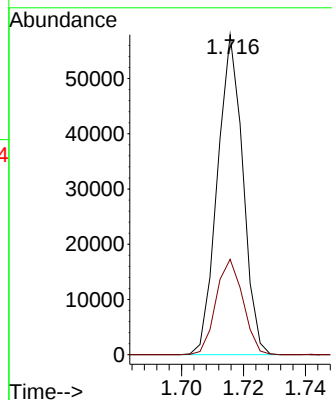
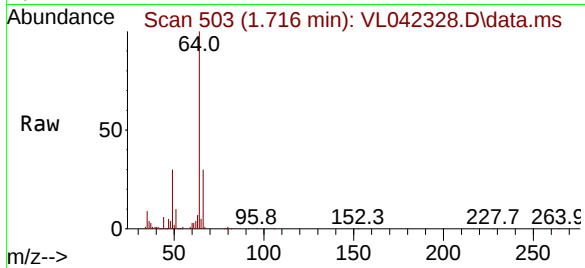




#7
Chloroethane
Concen: 7.931 ppbv
RT: 1.716 min Scan# 503
Delta R.T. 0.013 min
Lab File: VL042328.D
Acq: 15 Apr 2025 12:54

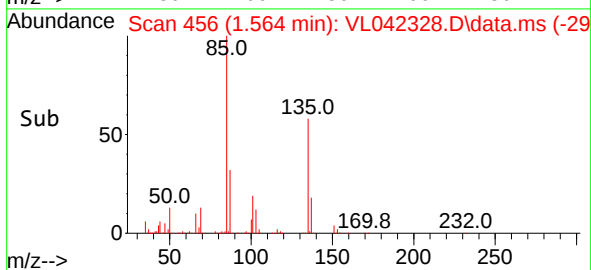
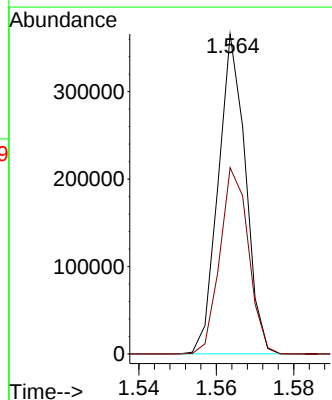
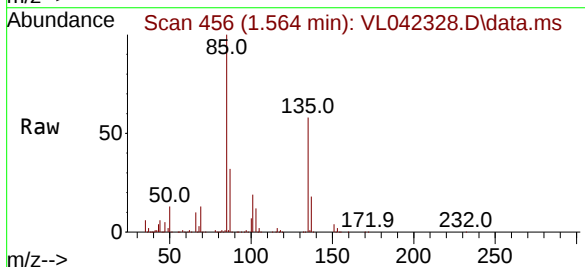
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ClientSampleId :
VL0415ABS01

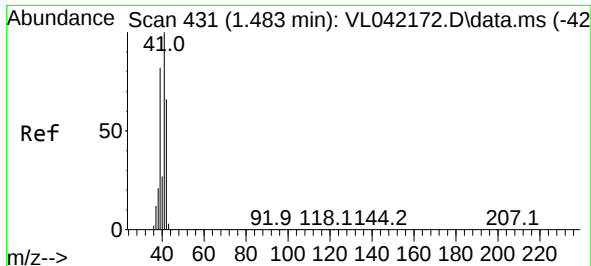
Tgt Ion: 64 Resp: 33039
Ion Ratio Lower Upper
64 100
66 29.8 25.2 37.8



#8
Dichlorotetrafluoroethane
Concen: 8.239 ppbv
RT: 1.564 min Scan# 456
Delta R.T. 0.013 min
Lab File: VL042328.D
Acq: 15 Apr 2025 12:54

Tgt Ion: 85 Resp: 178173
Ion Ratio Lower Upper
85 100
135 61.3 52.4 78.6





#9

Propene

Concen: 7.917 ppbv

RT: 1.492 min Scan# 41

Delta R.T. 0.010 min

Lab File: VL042328.D

Acq: 15 Apr 2025 12:54

Instrument :

MSVOA_L

ClientSampleId :

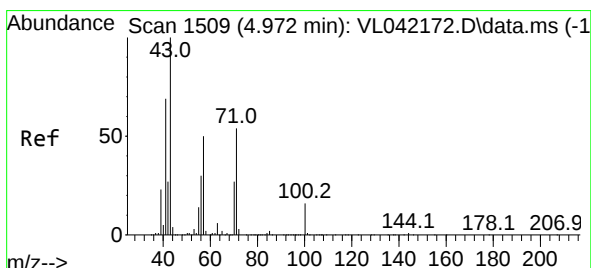
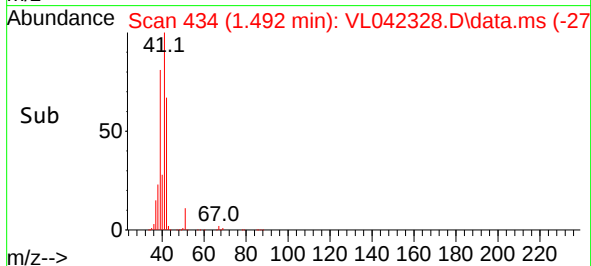
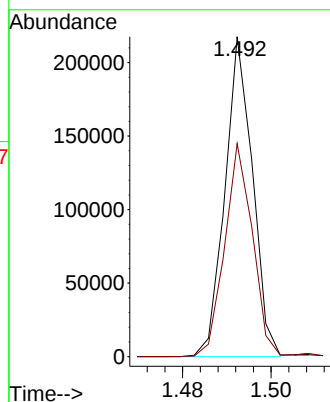
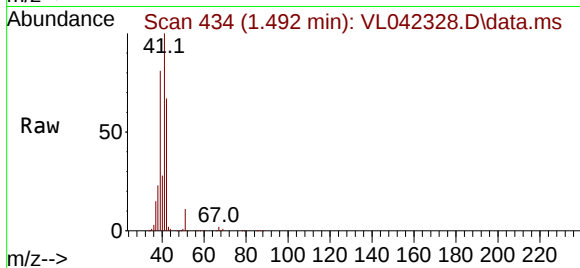
VL0415ABS01

Tgt Ion: 41 Resp: 94136

Ion Ratio Lower Upper

41 100

42 68.2 55.4 83.2



#10

Heptane

Concen: 8.451 ppbv

RT: 5.027 min Scan# 1526

Delta R.T. 0.055 min

Lab File: VL042328.D

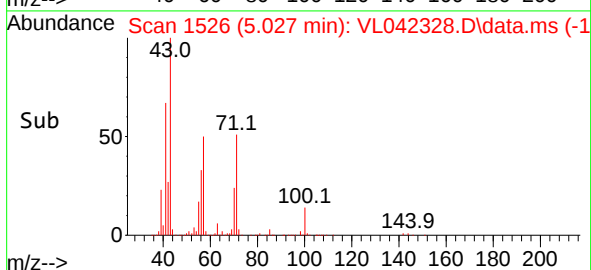
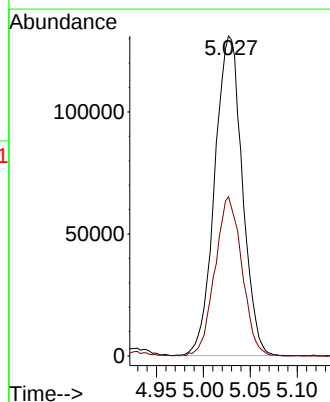
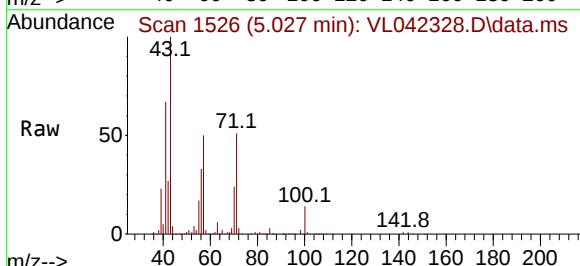
Acq: 15 Apr 2025 12:54

Tgt Ion: 43 Resp: 267288

Ion Ratio Lower Upper

43 100

57 48.8 39.4 59.2

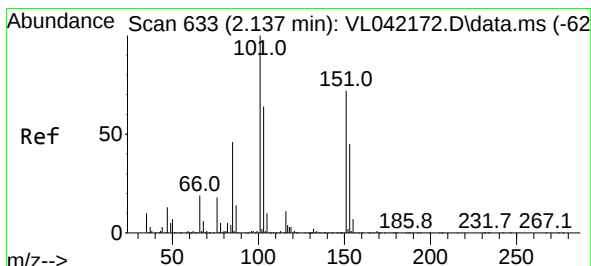
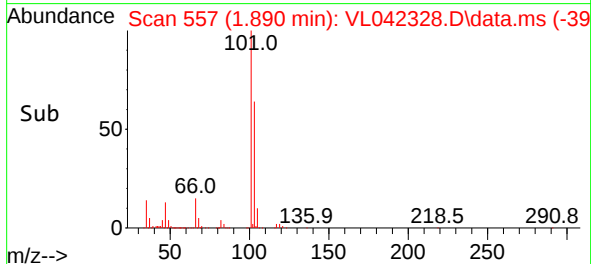
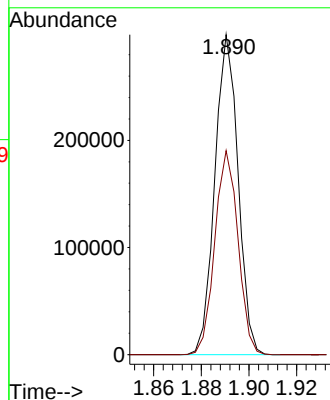
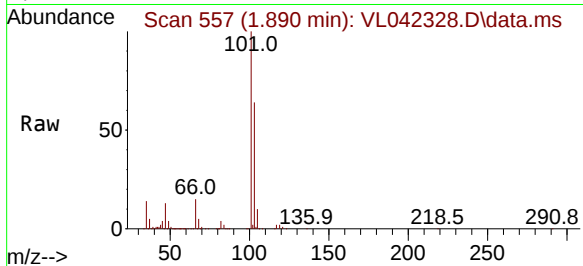




#11
Trichlorofluoromethane
Concen: 8.162 ppbv
RT: 1.890 min Scan# 51
Delta R.T. 0.016 min
Lab File: VL042328.D
Acq: 15 Apr 2025 12:54

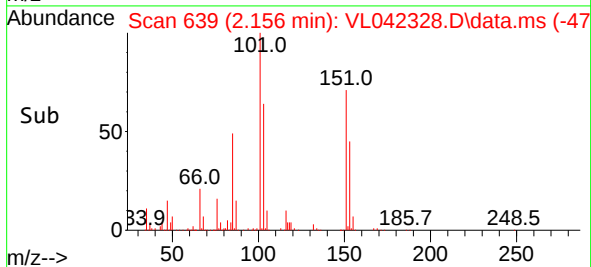
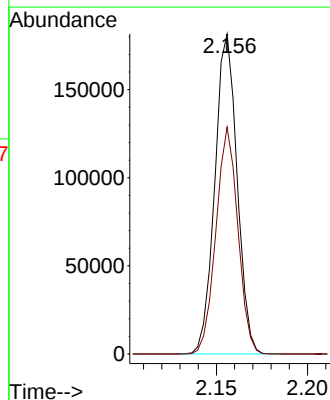
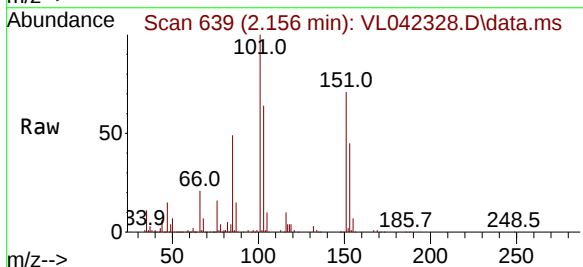
Instrument :
MSVOA_L
ClientSampleId :
VL0415ABS01

Tgt Ion:101 Resp: 201665
Ion Ratio Lower Upper
101 100
103 63.7 50.2 75.2



#12
1,1,2-Trichlorotrifluoroethane
Concen: 7.598 ppbv
RT: 2.156 min Scan# 639
Delta R.T. 0.019 min
Lab File: VL042328.D
Acq: 15 Apr 2025 12:54

Tgt Ion:101 Resp: 154306
Ion Ratio Lower Upper
101 100
151 69.6 57.1 85.7

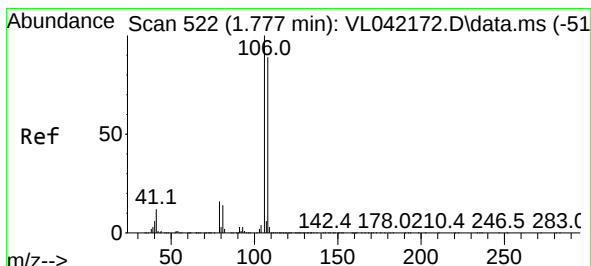
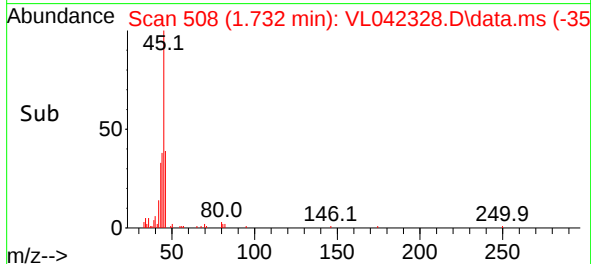
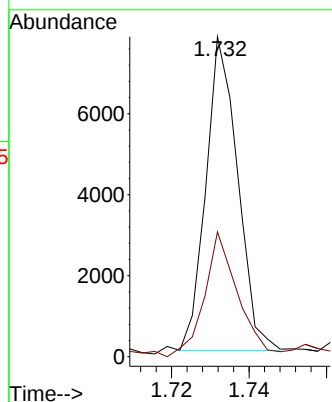
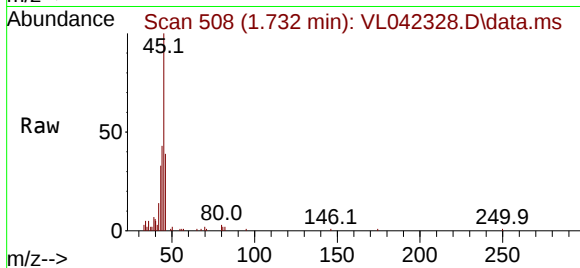




#13
Ethanol
Concen: 3.921 ppbv
RT: 1.732 min Scan# 504
Delta R.T. 0.013 min
Lab File: VL042328.D
Acq: 15 Apr 2025 12:54

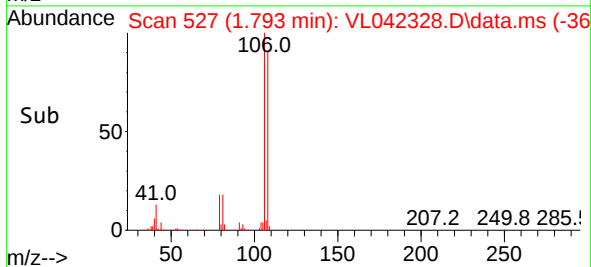
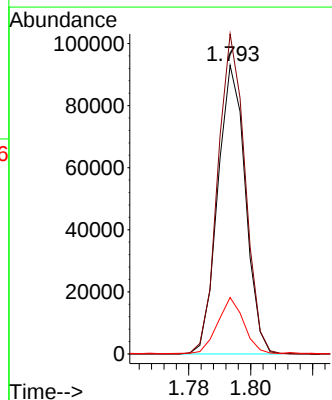
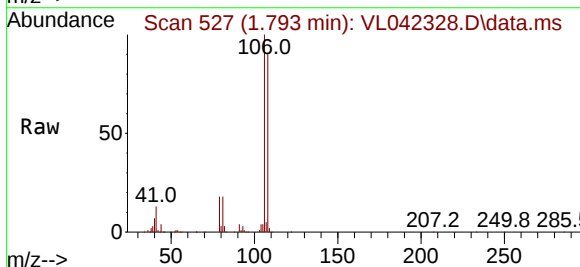
Instrument :
MSVOA_L
ClientSampleId :
VL0415ABS01

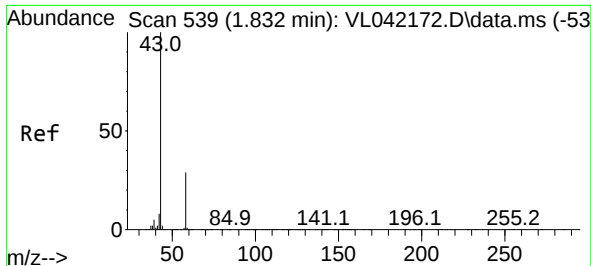
Tgt Ion: 45 Resp: 4407
Ion Ratio Lower Upper
45 100
46 48.1 20.2 80.8



#14
Bromoethene
Concen: 7.408 ppbv
RT: 1.793 min Scan# 527
Delta R.T. 0.016 min
Lab File: VL042328.D
Acq: 15 Apr 2025 12:54

Tgt Ion: 108 Resp: 57635
Ion Ratio Lower Upper
108 100
106 108.9 86.8 130.2
79 19.8 15.0 22.6





#15

Acetone

Concen: 7.430 ppbv

RT: 1.848 min Scan# 54

Delta R.T. 0.016 min

Lab File: VL042328.D

Acq: 15 Apr 2025 12:54

Instrument :

MSVOA_L

ClientSampleId :

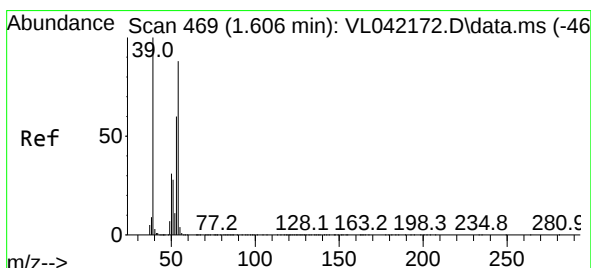
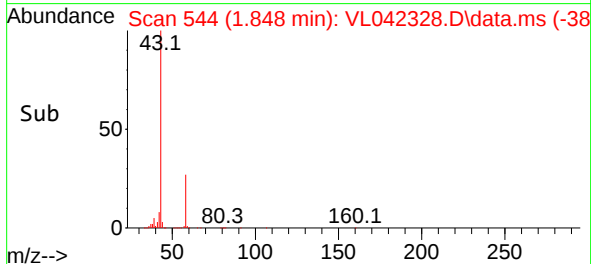
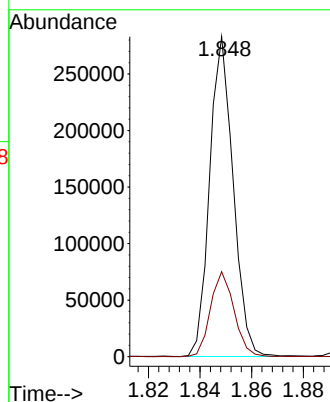
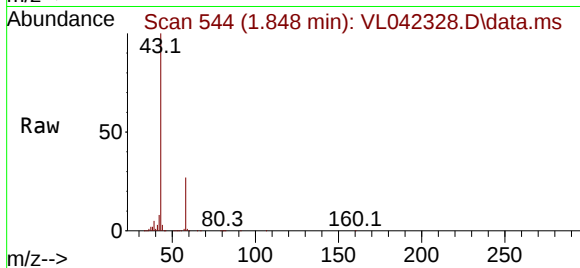
VL0415ABS01

Tgt Ion: 43 Resp: 178724

Ion Ratio Lower Upper

43 100

58 26.8 23.2 34.8



#16

1,3-Butadiene

Concen: 7.617 ppbv

RT: 1.619 min Scan# 473

Delta R.T. 0.013 min

Lab File: VL042328.D

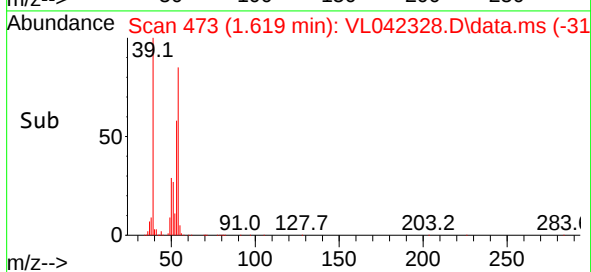
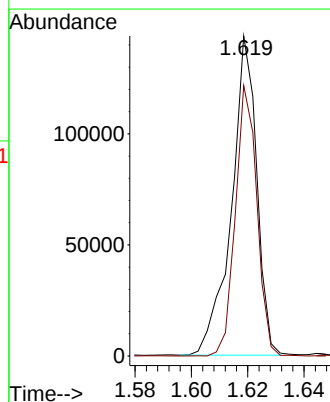
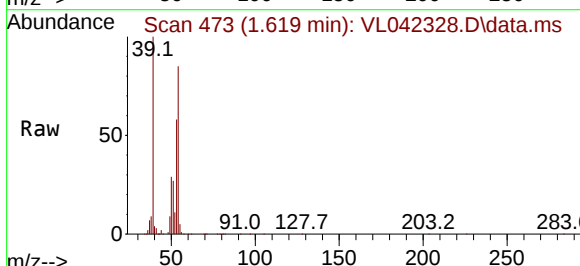
Acq: 15 Apr 2025 12:54

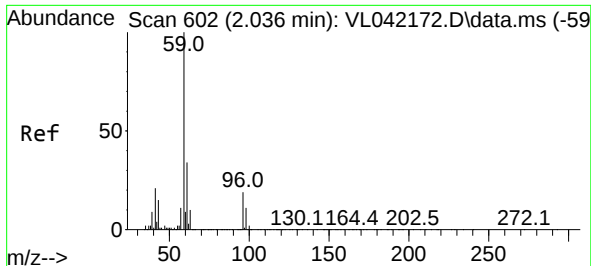
Tgt Ion: 39 Resp: 89479

Ion Ratio Lower Upper

39 100

54 72.1 60.7 91.1





#17

tert-Butyl alcohol

Concen: 6.757 ppbv

RT: 2.055 min Scan# 608

Delta R.T. 0.019 min

Lab File: VL042328.D

Acq: 15 Apr 2025 12:54

Instrument :

MSVOA_L

ClientSampleId :

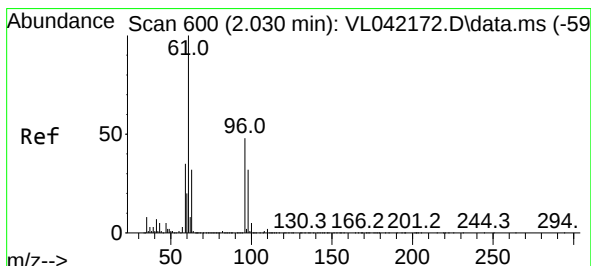
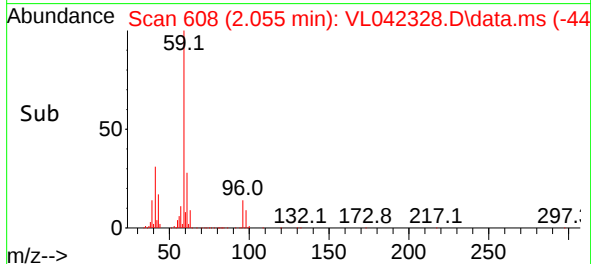
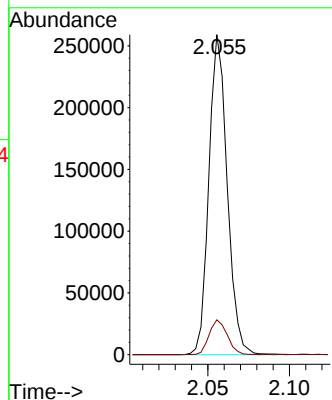
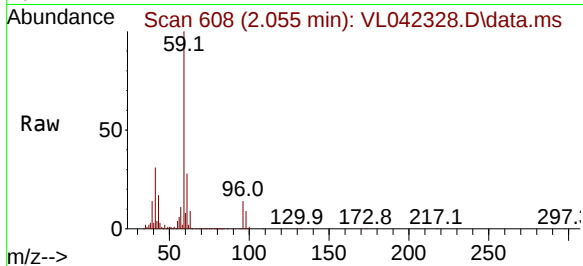
VL0415ABS01

Tgt Ion: 59 Resp: 202421

Ion Ratio Lower Upper

59 100

57 10.8 8.9 13.3



#18

1,1-Dichloroethene

Concen: 7.269 ppbv

RT: 2.049 min Scan# 606

Delta R.T. 0.019 min

Lab File: VL042328.D

Acq: 15 Apr 2025 12:54

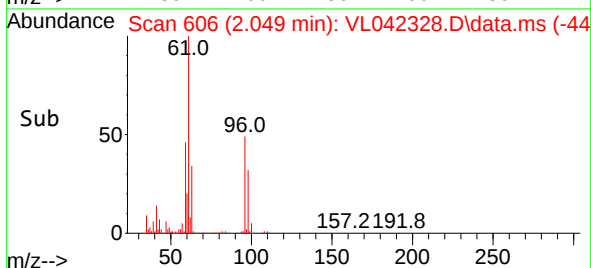
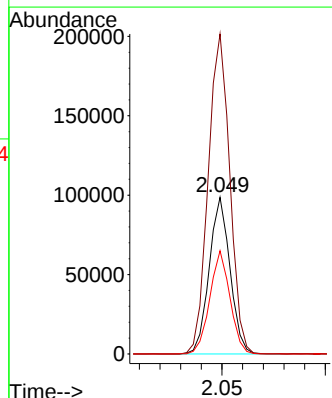
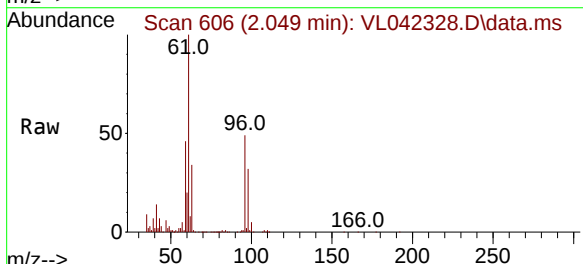
Tgt Ion: 96 Resp: 69013

Ion Ratio Lower Upper

96 100

61 204.2 167.6 251.4

98 65.9 53.5 80.3

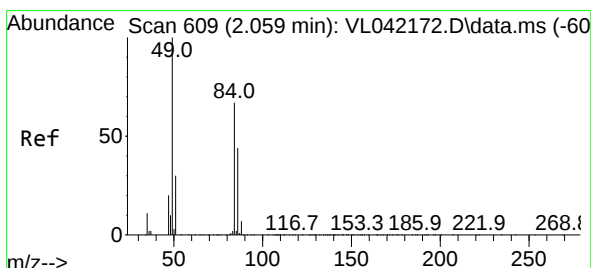
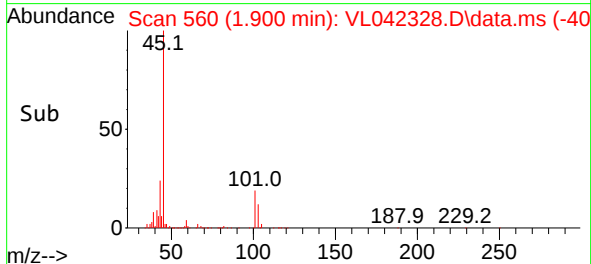
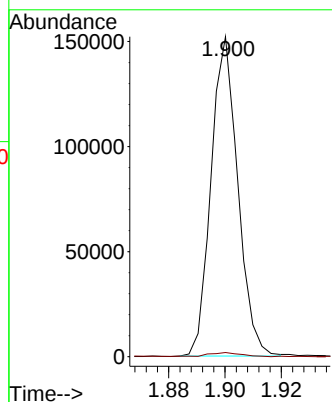
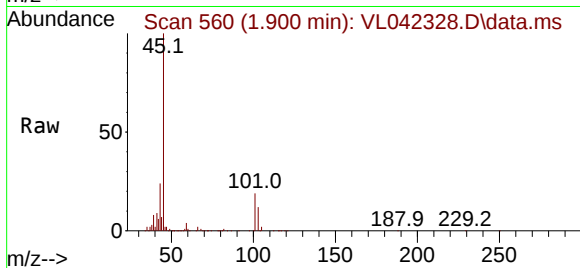




#19
Isopropyl Alcohol
Concen: 7.390 ppbv
RT: 1.900 min Scan# 501
Delta R.T. 0.016 min
Lab File: VL042328.D
Acq: 15 Apr 2025 12:54

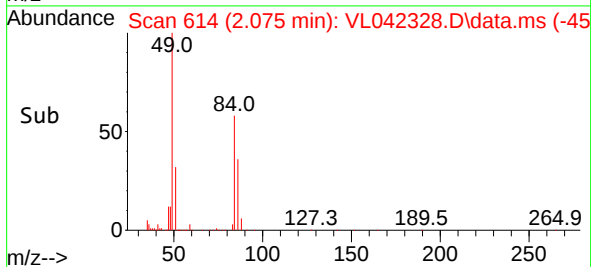
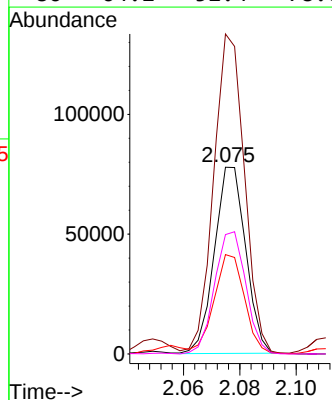
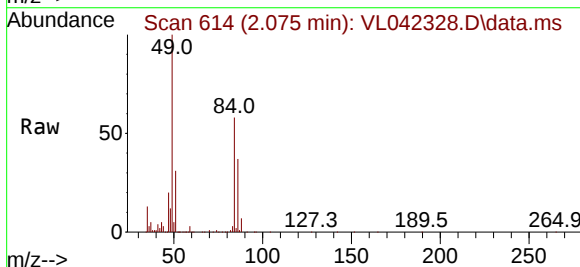
Instrument :
MSVOA_L
ClientSampleId :
VL0415ABS01

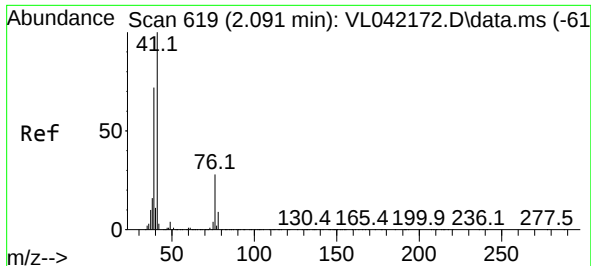
Tgt Ion: 45 Resp: 100289
Ion Ratio Lower Upper
45 100
58 47.9 36.9 55.3



#20
Methylene Chloride
Concen: 6.704 ppbv
RT: 2.075 min Scan# 614
Delta R.T. 0.016 min
Lab File: VL042328.D
Acq: 15 Apr 2025 12:54

Tgt Ion: 84 Resp: 60054
Ion Ratio Lower Upper
84 100
49 171.6 120.2 180.4
51 53.0 37.4 56.0
86 64.2 52.4 78.6





#21

Allyl Chloride

Concen: 7.534 ppbv

RT: 2.111 min Scan# 61

Delta R.T. 0.019 min

Lab File: VL042328.D

Acq: 15 Apr 2025 12:54

Instrument :

MSVOA_L

ClientSampleId :

VL0415ABS01

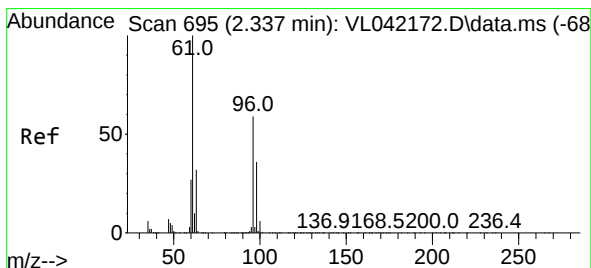
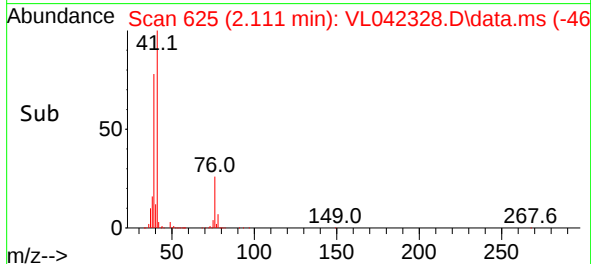
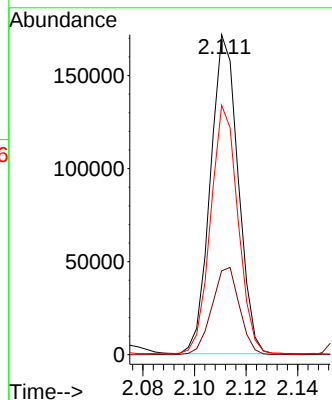
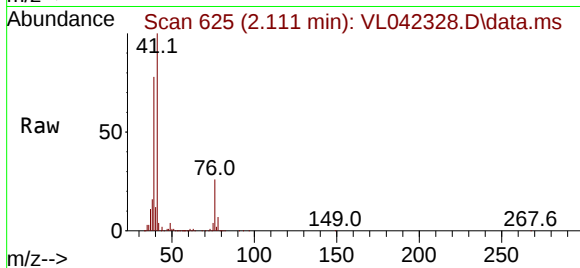
Tgt Ion: 41 Resp: 127800

Ion Ratio Lower Upper

41 100

76 27.3 24.1 36.1

39 76.8 61.1 91.7



#22

trans-1,2-Dichloroethene

Concen: 7.198 ppbv

RT: 2.360 min Scan# 702

Delta R.T. 0.022 min

Lab File: VL042328.D

Acq: 15 Apr 2025 12:54

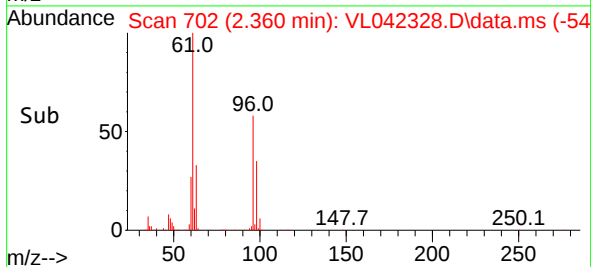
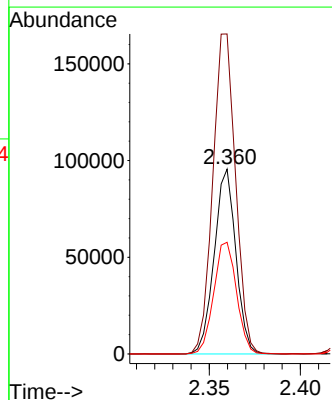
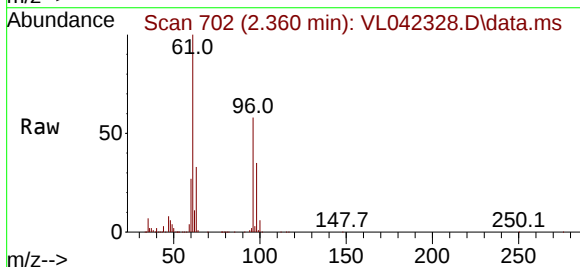
Tgt Ion: 96 Resp: 78991

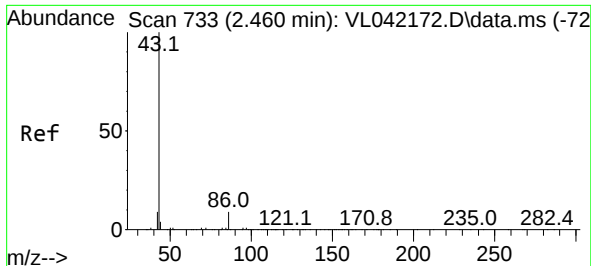
Ion Ratio Lower Upper

96 100

61 173.2 136.6 204.8

98 60.4 49.4 74.2



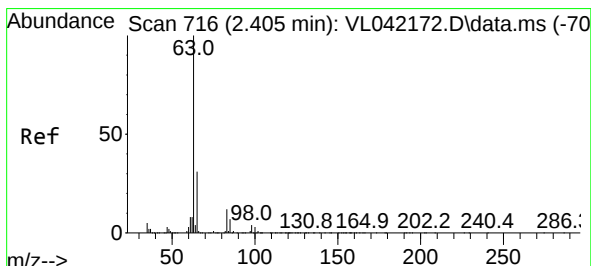
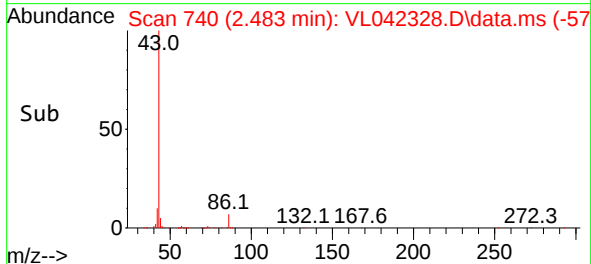
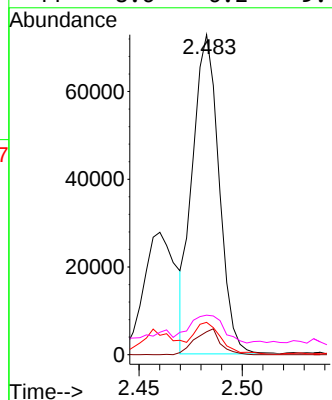
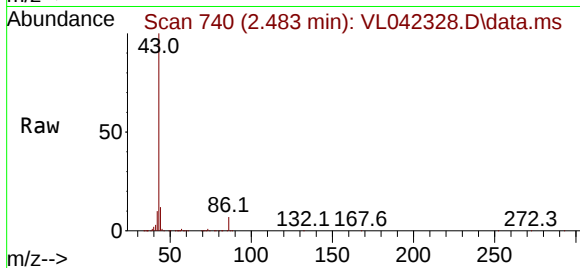


#23
 Vinyl Acetate
 Concen: 6.222 ppbv
 RT: 2.483 min Scan# 740
 Delta R.T. 0.022 min
 Lab File: VL042328.D
 Acq: 15 Apr 2025 12:54

Instrument :
 MSVOA_1
 ClientSampleId :
 VL0415ABS01

Tgt Ion: 43 Resp: 64777

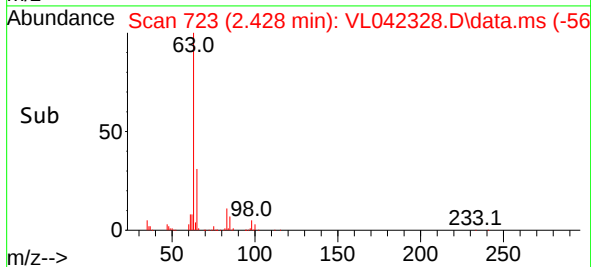
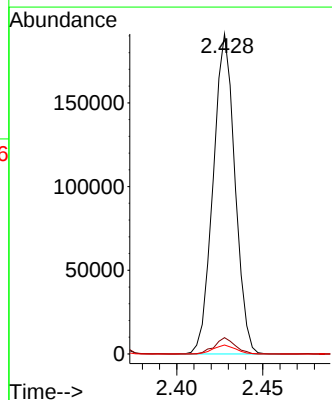
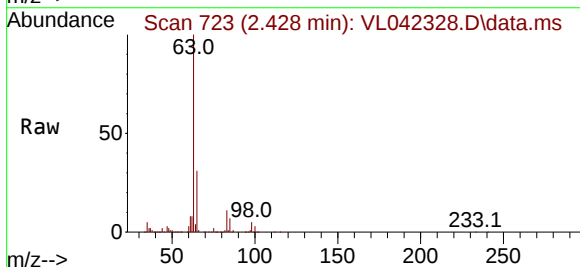
Ion	Ratio	Lower	Upper
43	100		
86	7.2	5.5	8.3
42	9.9	8.6	13.0
44	8.6	6.2	9.4

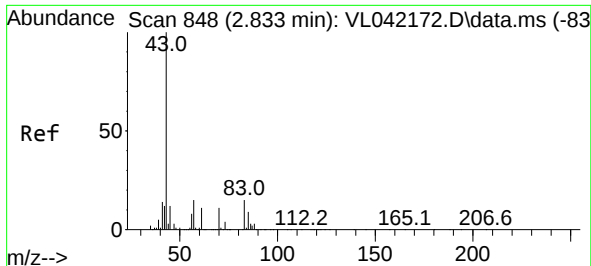


#24
 1,1-Dichloroethane
 Concen: 8.277 ppbv
 RT: 2.428 min Scan# 723
 Delta R.T. 0.022 min
 Lab File: VL042328.D
 Acq: 15 Apr 2025 12:54

Tgt Ion: 63 Resp: 168373

Ion	Ratio	Lower	Upper
63	100		
98	5.1	2.3	6.8
100	2.8	1.6	4.7



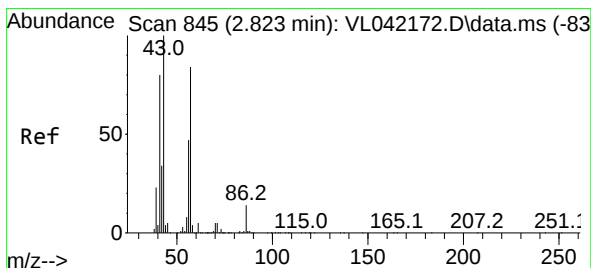
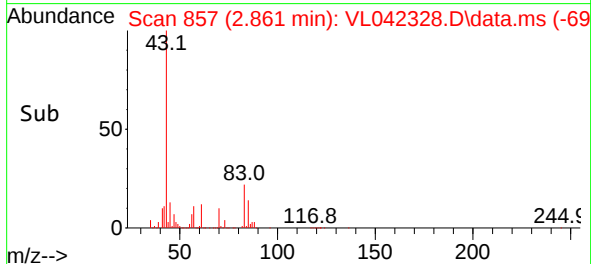
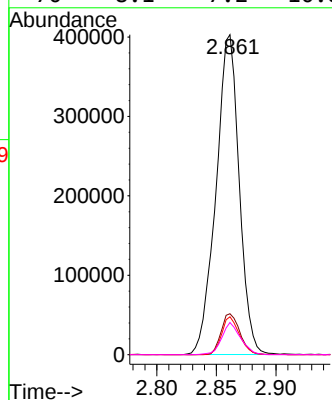
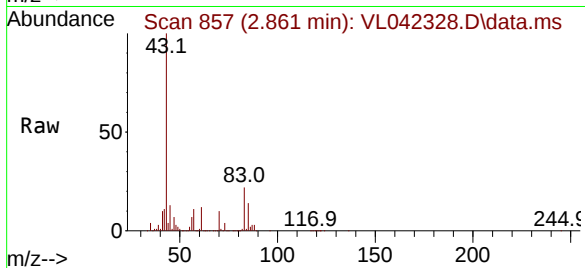


#25
Ethyl Acetate
Concen: 8.732 ppbv
RT: 2.861 min Scan# 81
Delta R.T. 0.029 min
Lab File: VL042328.D
Acq: 15 Apr 2025 12:54

Instrument :
MSVOA_L
ClientSampleId :
VL0415ABS01

Tgt Ion: 43 Resp: 545140

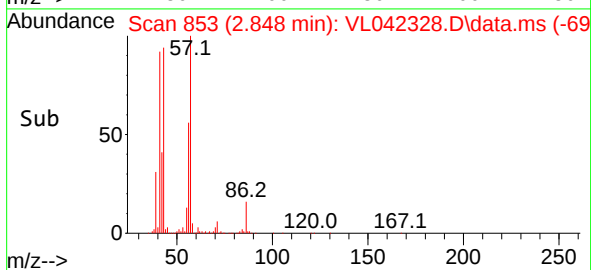
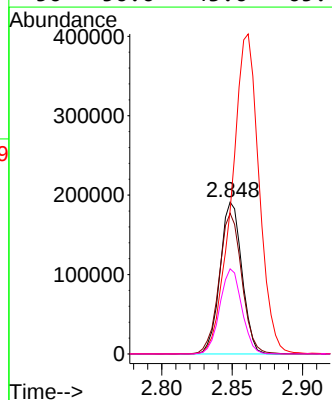
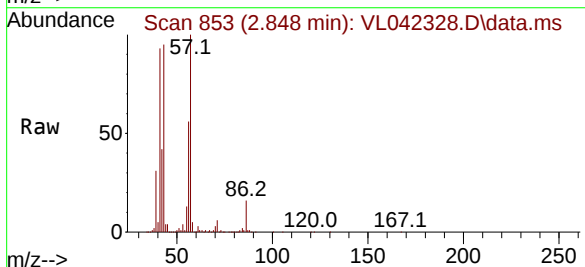
Ion	Ratio	Lower	Upper
43	100		
45	10.5	8.2	12.2
61	9.1	7.3	10.9
70	8.1	7.2	10.8

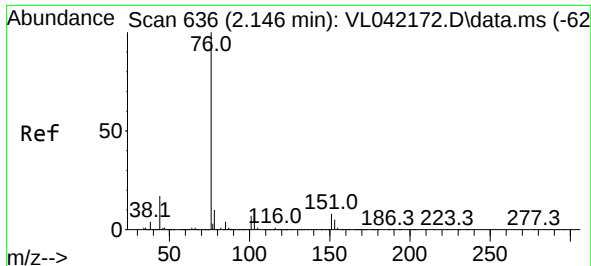


#26
Hexane
Concen: 8.528 ppbv
RT: 2.848 min Scan# 853
Delta R.T. 0.026 min
Lab File: VL042328.D
Acq: 15 Apr 2025 12:54

Tgt Ion: 57 Resp: 205629

Ion	Ratio	Lower	Upper
57	100		
41	97.2	76.6	114.8
43	265.7	207.8	311.8
56	56.6	43.6	65.4

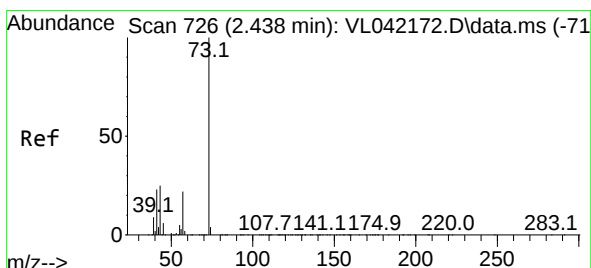
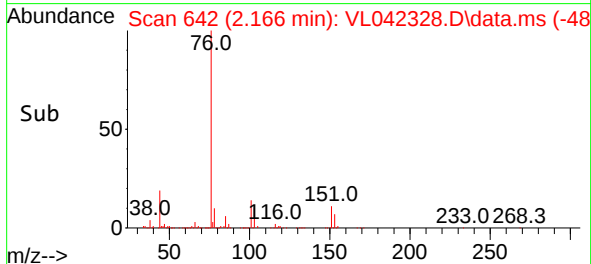
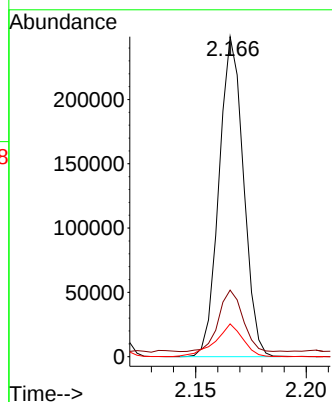
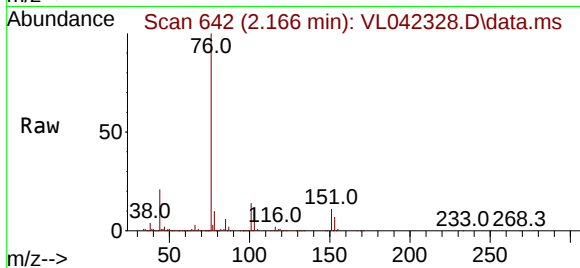




#27
Carbon Disulfide
Concen: 7.402 ppbv
RT: 2.166 min Scan# 642
Delta R.T. 0.019 min
Lab File: VL042328.D
Acq: 15 Apr 2025 12:54

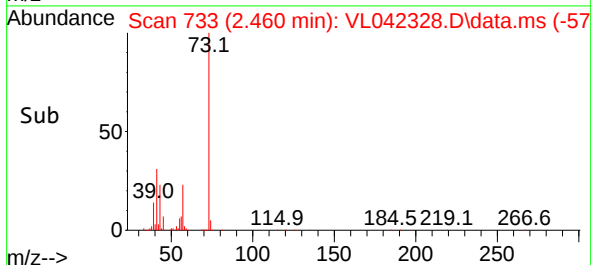
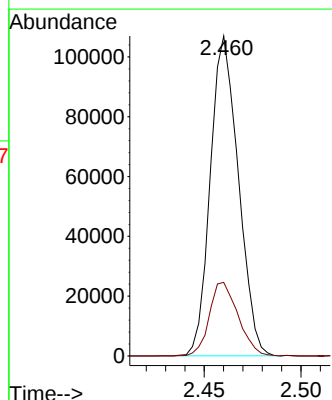
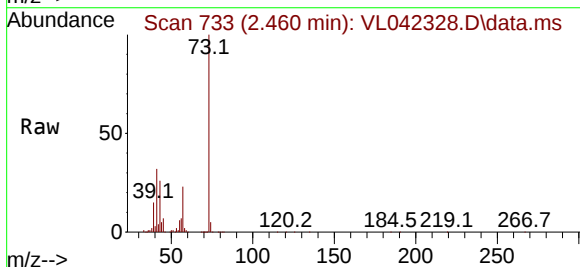
Instrument :
MSVOA_1
ClientSampleId :
VL0415ABS01

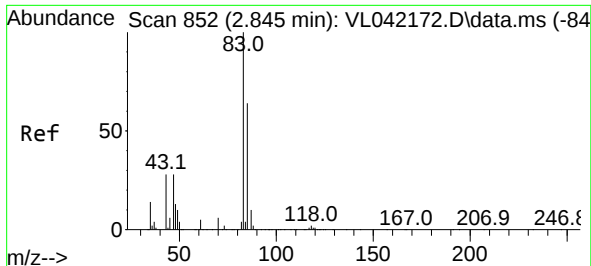
Tgt Ion: 76 Resp: 191388
Ion Ratio Lower Upper
76 100
44 19.3 14.7 22.1
78 11.6 9.3 13.9



#28
Methyl tert-Butyl Ether
Concen: 7.172 ppbv
RT: 2.460 min Scan# 733
Delta R.T. 0.022 min
Lab File: VL042328.D
Acq: 15 Apr 2025 12:54

Tgt Ion: 73 Resp: 107667
Ion Ratio Lower Upper
73 100
57 23.7 20.5 30.7





#29

Chloroform

Concen: 8.763 ppbv

RT: 2.874 min Scan# 8

Delta R.T. 0.029 min

Lab File: VL042328.D

Acq: 15 Apr 2025 12:54

Instrument :

MSVOA_L

ClientSampleId :

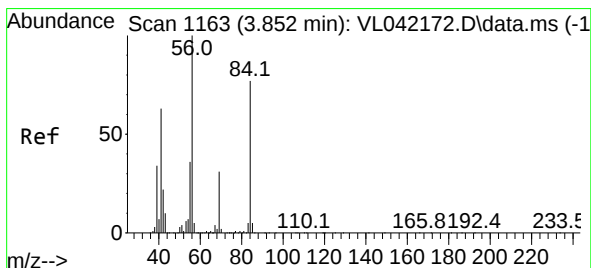
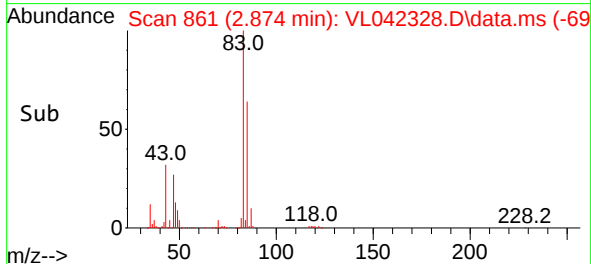
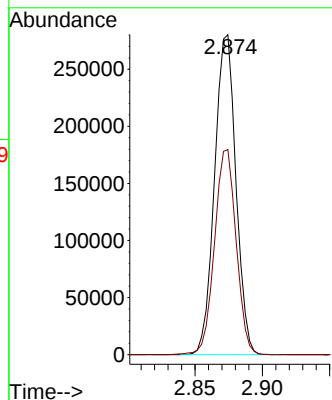
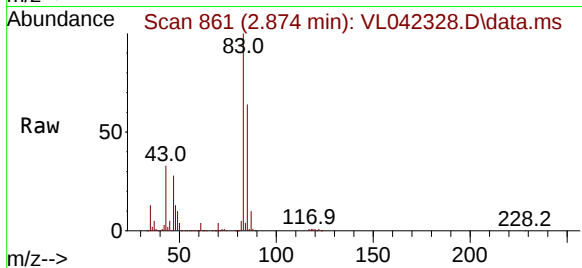
VL0415ABS01

Tgt Ion: 83 Resp: 309262

Ion Ratio Lower Upper

83 100

85 64.1 51.4 77.2



#30

Cyclohexane

Concen: 7.924 ppbv

RT: 3.891 min Scan# 1175

Delta R.T. 0.039 min

Lab File: VL042328.D

Acq: 15 Apr 2025 12:54

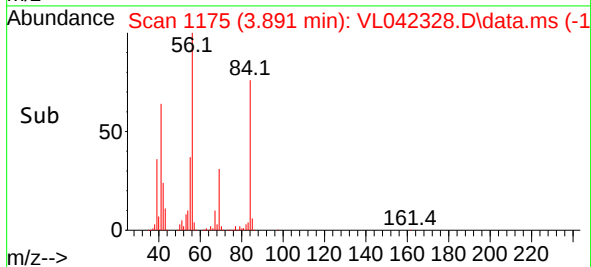
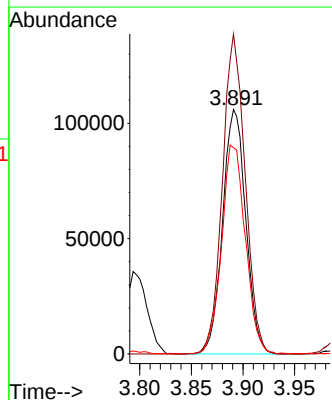
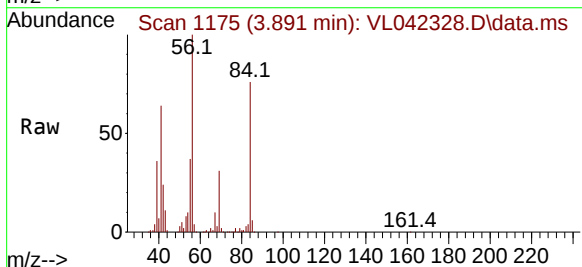
Tgt Ion: 84 Resp: 165914

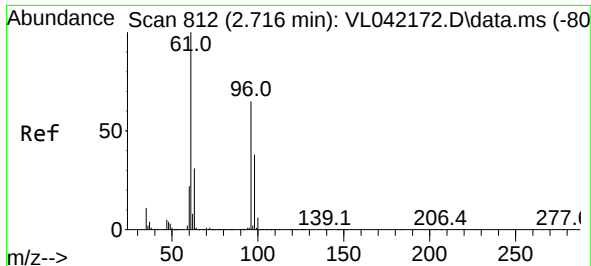
Ion Ratio Lower Upper

84 100

56 127.7 102.8 154.2

41 87.6 66.5 99.7

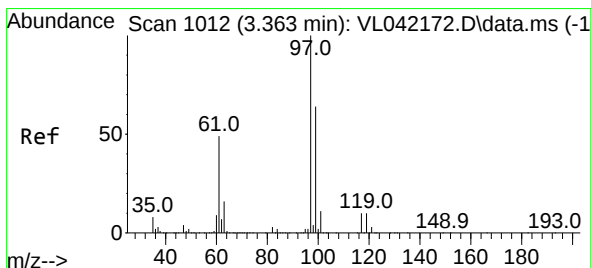
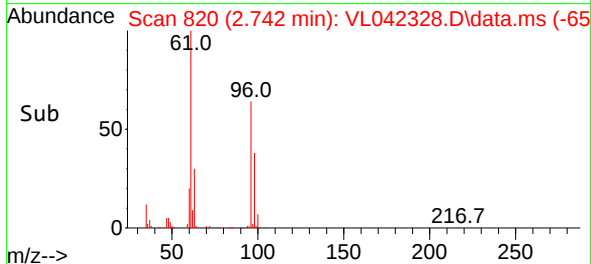
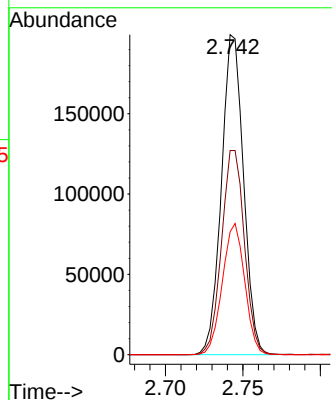
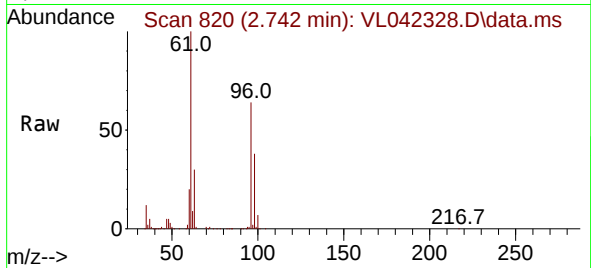




#31
 cis-1,2-Dichloroethene
 Concen: 8.074 ppbv
 RT: 2.742 min Scan# 812
 Delta R.T. 0.026 min
 Lab File: VL042328.D
 Acq: 15 Apr 2025 12:54

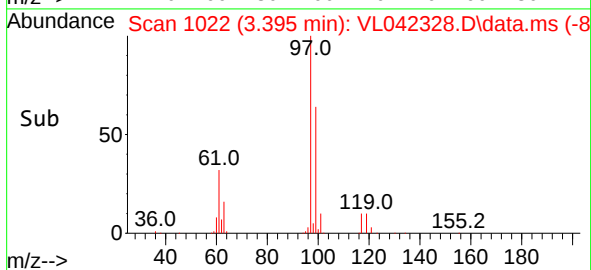
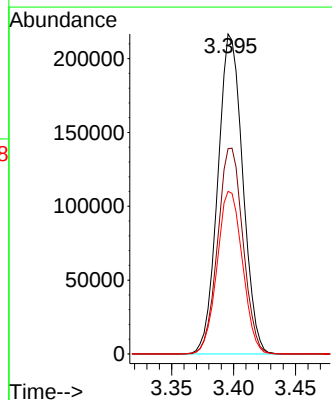
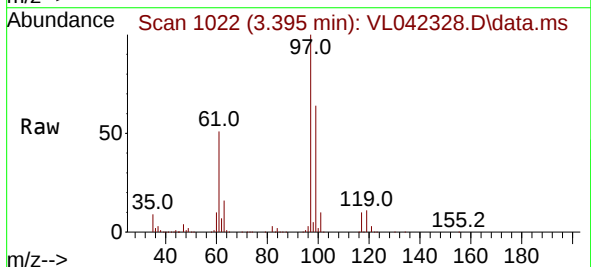
Instrument :
 MSVOA_1
 ClientSampleId :
 VL0415ABS01

Tgt Ion: 61 Resp: 197651
 Ion Ratio Lower Upper
 61 100
 96 63.8 51.8 77.8
 98 38.4 30.6 46.0



#32
 1,1,1-Trichloroethane
 Concen: 7.528 ppbv
 RT: 3.395 min Scan# 1022
 Delta R.T. 0.032 min
 Lab File: VL042328.D
 Acq: 15 Apr 2025 12:54

Tgt Ion: 97 Resp: 304143
 Ion Ratio Lower Upper
 97 100
 99 65.2 51.5 77.3
 61 51.8 38.7 58.1





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.994 min Scan# 11

Delta R.T. 0.042 min

Lab File: VL042328.D

Acq: 15 Apr 2025 12:54

Instrument :

MSVOA_L

ClientSampleId :

VL0415ABS01

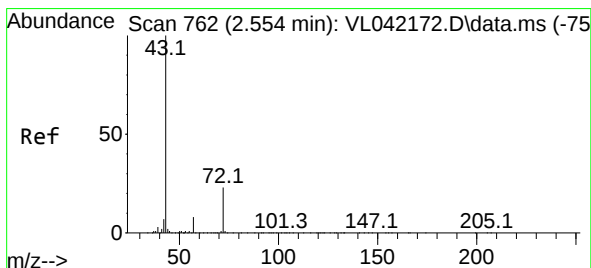
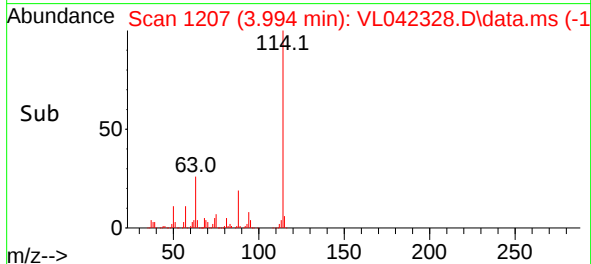
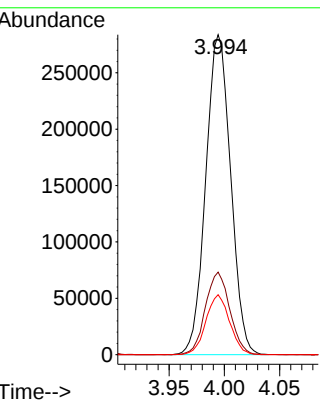
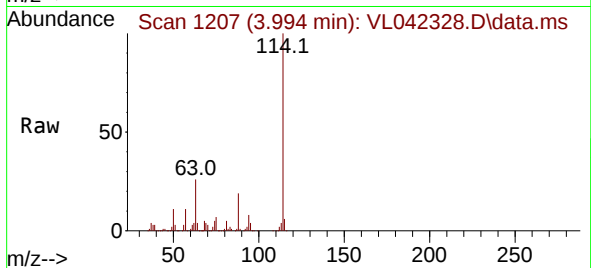
Tgt Ion:114 Resp: 444595

Ion Ratio Lower Upper

114 100

63 25.4 20.7 31.1

88 17.8 15.0 22.4



#34

2-Butanone

Concen: 9.323 ppbv

RT: 2.580 min Scan# 770

Delta R.T. 0.026 min

Lab File: VL042328.D

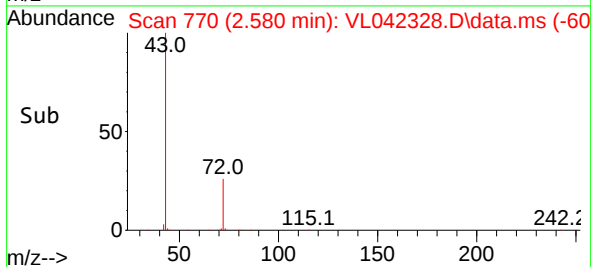
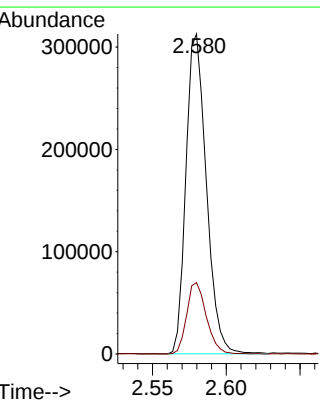
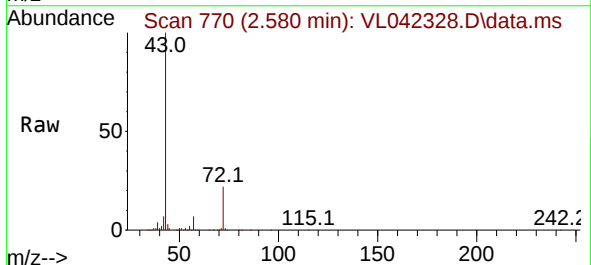
Acq: 15 Apr 2025 12:54

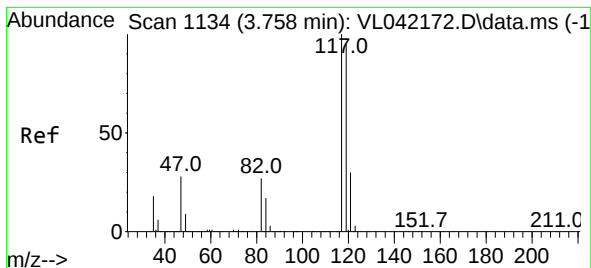
Tgt Ion: 43 Resp: 300576

Ion Ratio Lower Upper

43 100

72 21.6 18.2 27.2





#35

Carbon Tetrachloride

Concen: 9.065 ppbv

RT: 3.797 min Scan# 1113

Delta R.T. 0.039 min

Lab File: VL042328.D

Acq: 15 Apr 2025 12:54

Instrument :

MSVOA_L

ClientSampleId :

VL0415ABS01

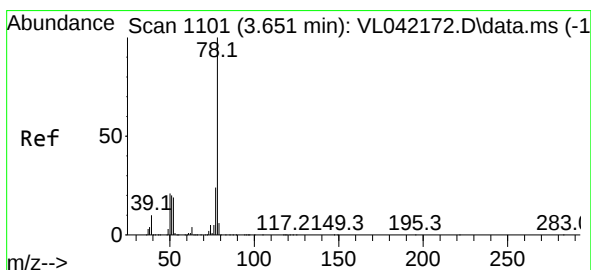
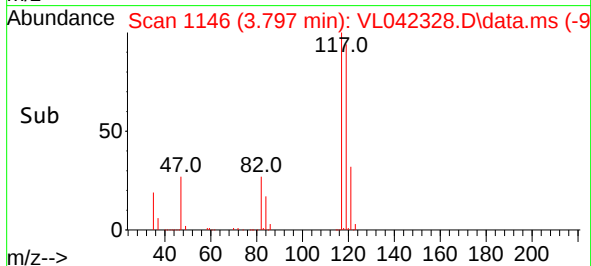
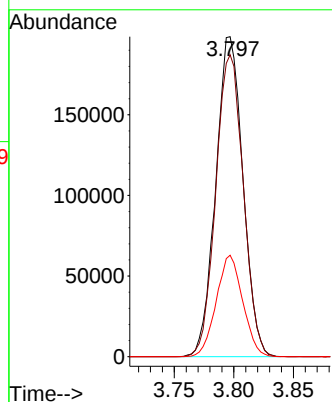
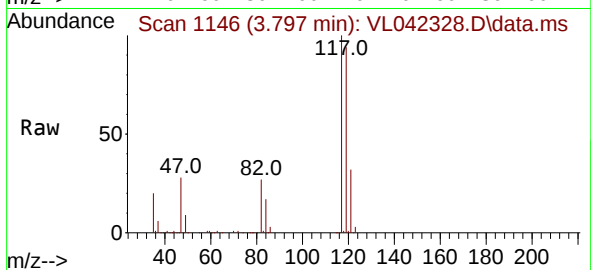
Tgt Ion:117 Resp: 314849

Ion Ratio Lower Upper

117 100

119 94.3 76.2 114.2

121 31.7 24.2 36.4



#36

Benzene

Concen: 9.256 ppbv

RT: 3.690 min Scan# 1113

Delta R.T. 0.039 min

Lab File: VL042328.D

Acq: 15 Apr 2025 12:54

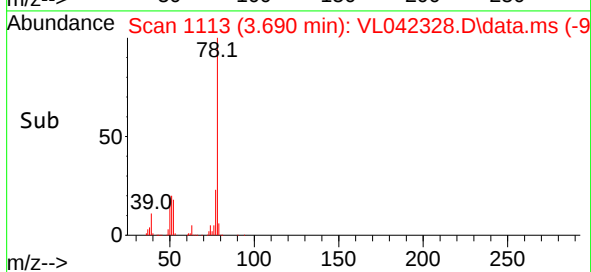
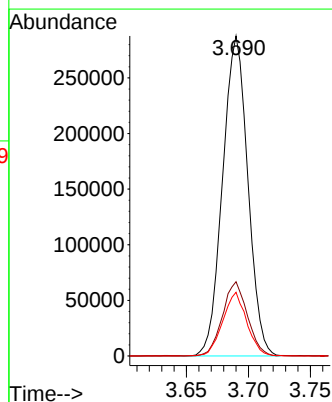
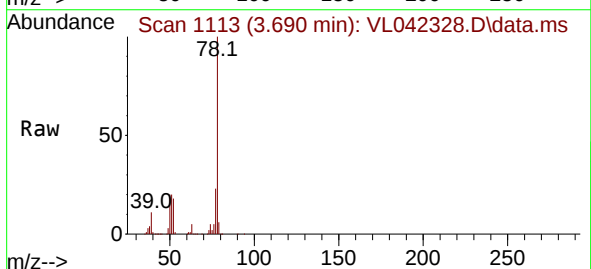
Tgt Ion: 78 Resp: 407959

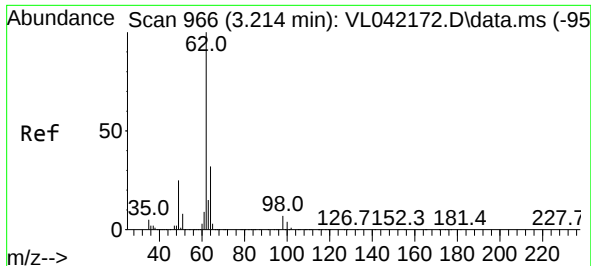
Ion Ratio Lower Upper

78 100

77 23.1 19.1 28.7

50 19.9 16.6 24.8

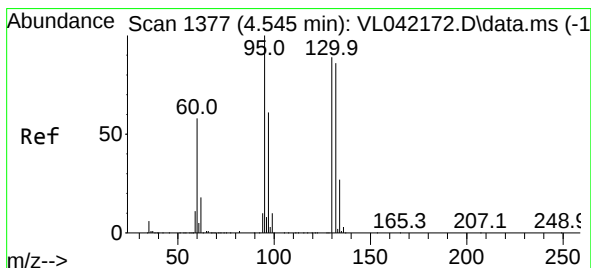
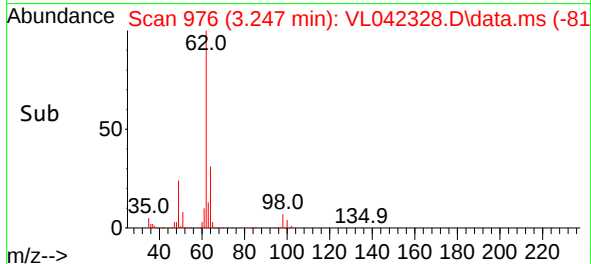
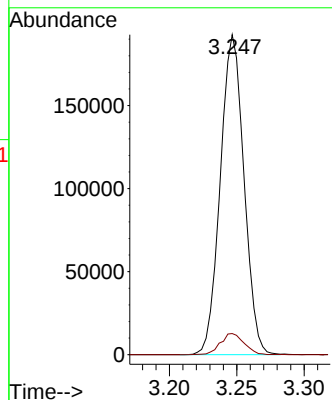
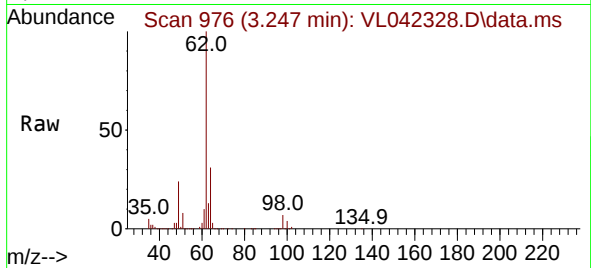




#37
1,2-Dichloroethane
Concen: 9.337 ppbv
RT: 3.247 min Scan# 91
Delta R.T. 0.032 min
Lab File: VL042328.D
Acq: 15 Apr 2025 12:54

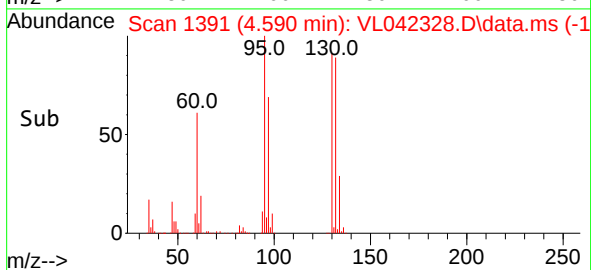
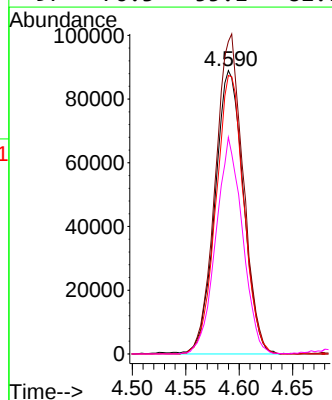
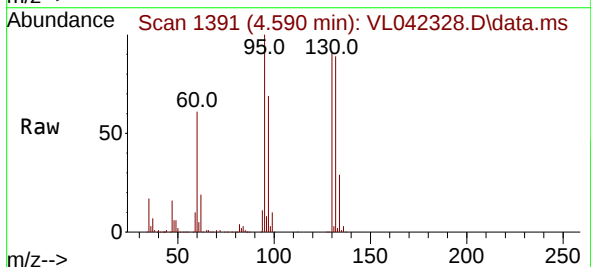
Instrument :
MSVOA_L
ClientSampleId :
VL0415ABS01

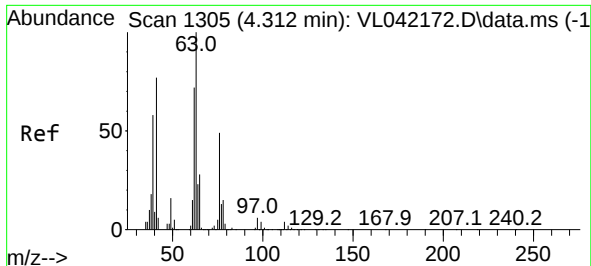
Tgt Ion: 62 Resp: 235609
Ion Ratio Lower Upper
62 100
98 6.6 5.4 8.2



#38
Trichloroethene
Concen: 8.954 ppbv
RT: 4.590 min Scan# 1391
Delta R.T. 0.045 min
Lab File: VL042328.D
Acq: 15 Apr 2025 12:54

Tgt Ion:130 Resp: 164664
Ion Ratio Lower Upper
130 100
95 110.3 89.8 134.8
132 98.2 77.4 116.2
97 76.3 55.1 82.7





#39

1,2-Dichloropropane

Concen: 9.299 ppbv

RT: 4.354 min Scan# 11

Delta R.T. 0.042 min

Lab File: VL042328.D

Acq: 15 Apr 2025 12:54

Instrument :

MSVOA_L

ClientSampleId :

VL0415ABS01

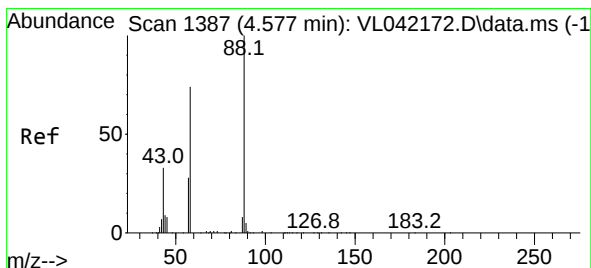
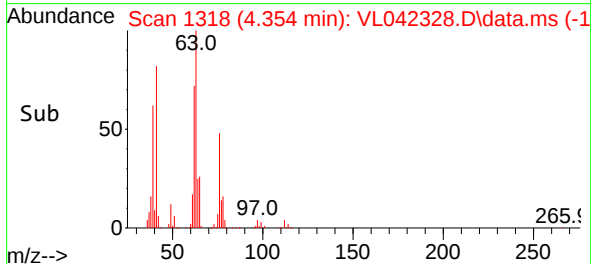
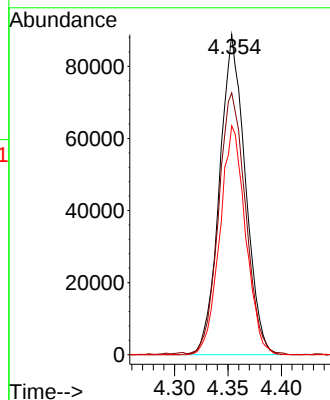
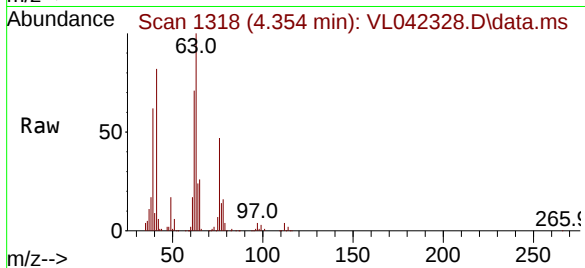
Tgt Ion: 63 Resp: 149260

Ion Ratio Lower Upper

63 100

41 81.2 61.7 92.5

62 71.5 57.6 86.4



#40

1,4-Dioxane

Concen: 8.072 ppbv

RT: 4.625 min Scan# 1402

Delta R.T. 0.048 min

Lab File: VL042328.D

Acq: 15 Apr 2025 12:54

Tgt Ion: 88 Resp: 68773

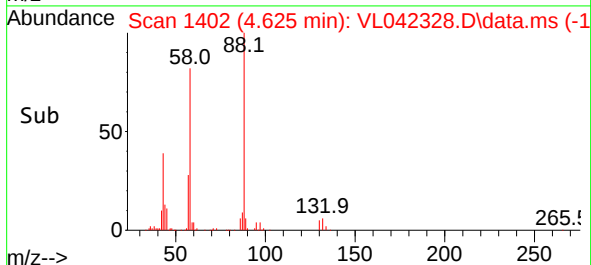
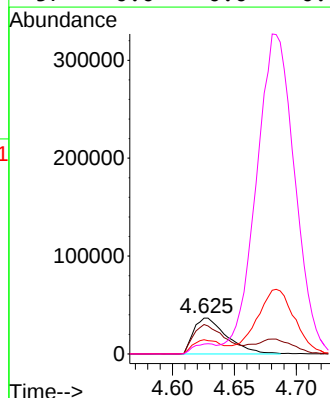
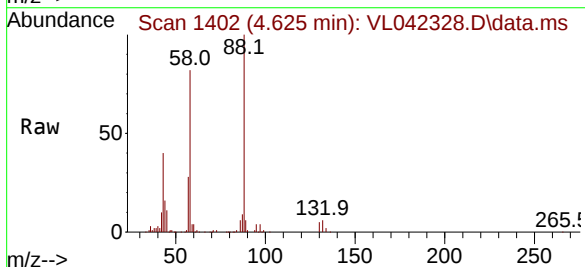
Ion Ratio Lower Upper

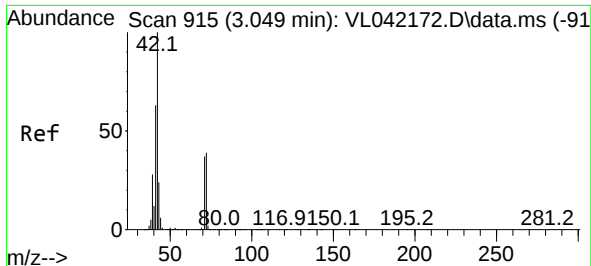
88 100

58 75.9 62.7 94.1

43 34.0 23.0 34.4

57 0.0 0.0 0.0





#41

Tetrahydrofuran

Concen: 9.361 ppbv

RT: 3.082 min Scan# 91

Delta R.T. 0.032 min

Lab File: VL042328.D

Acq: 15 Apr 2025 12:54

Instrument :

MSVOA_L

ClientSampleId :

VL0415ABS01

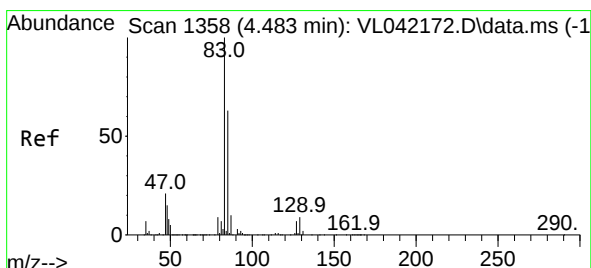
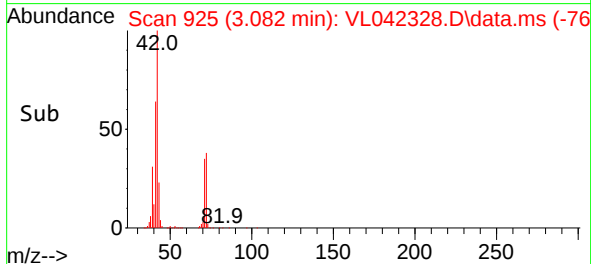
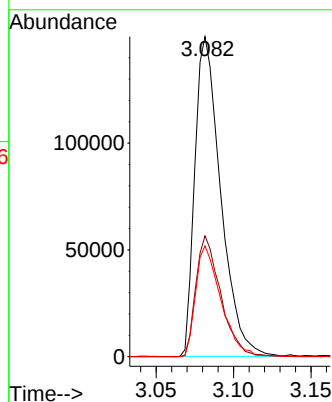
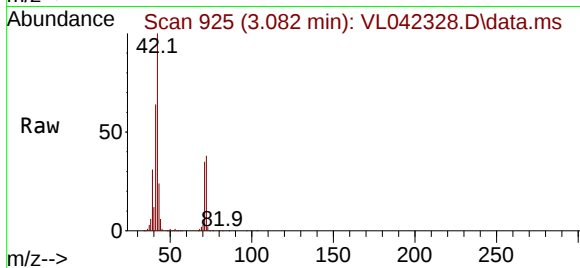
Tgt Ion: 42 Resp: 173776

Ion Ratio Lower Upper

42 100

72 36.4 31.4 47.0

71 33.9 30.2 45.4



#42

Bromodichloromethane

Concen: 9.414 ppbv

RT: 4.532 min Scan# 1373

Delta R.T. 0.048 min

Lab File: VL042328.D

Acq: 15 Apr 2025 12:54

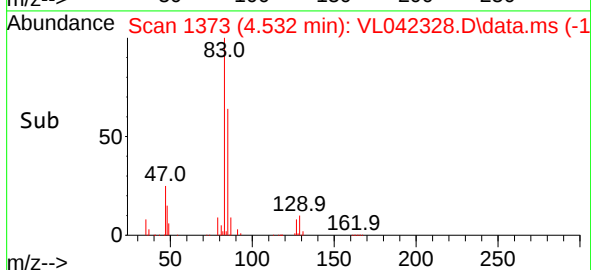
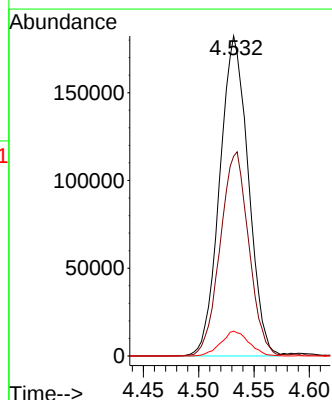
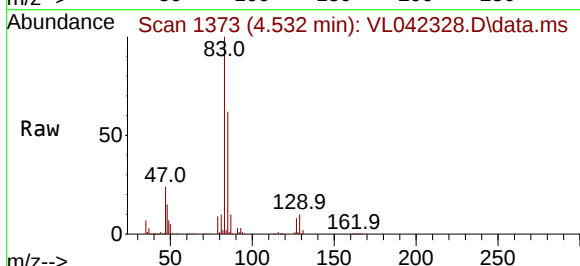
Tgt Ion: 83 Resp: 327497

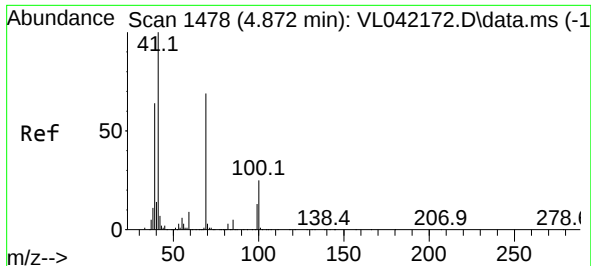
Ion Ratio Lower Upper

83 100

85 62.4 50.5 75.7

127 7.7 5.9 8.9

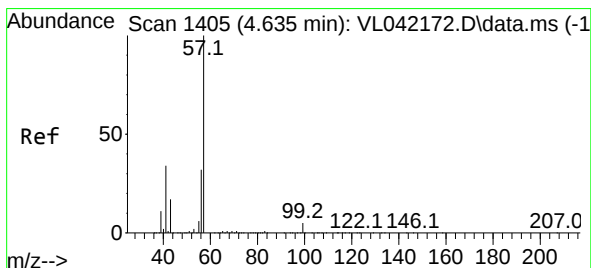
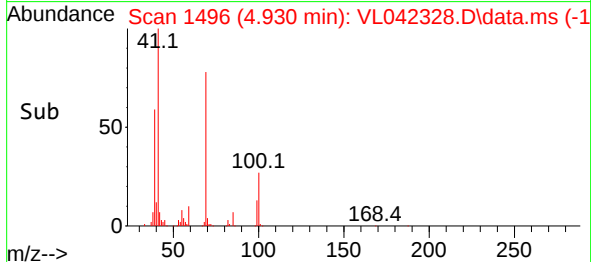
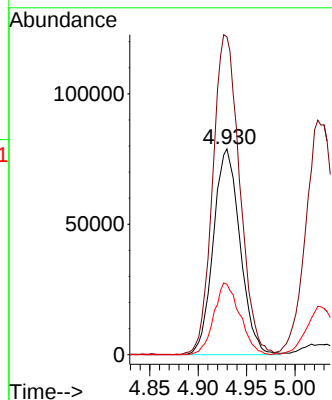
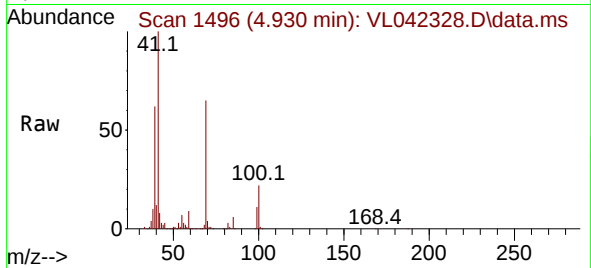




#43
Methyl Methacrylate
Concen: 8.121 ppbv
RT: 4.930 min Scan# 1419
Delta R.T. 0.058 min
Lab File: VL042328.D
Acq: 15 Apr 2025 12:54

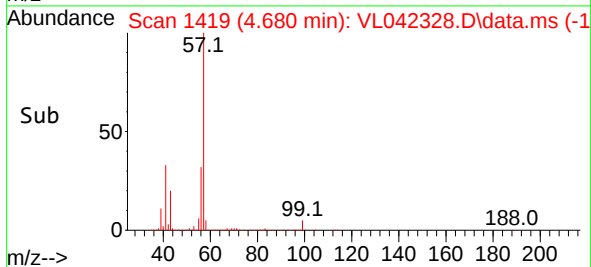
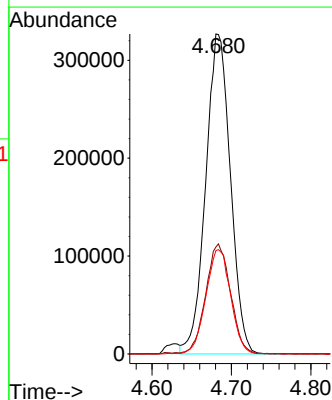
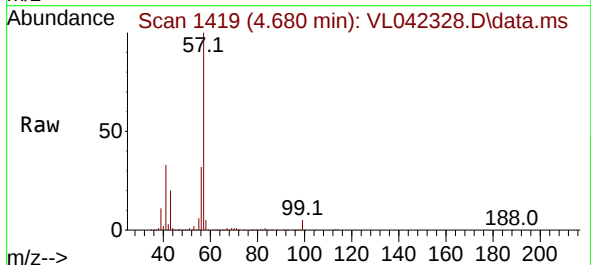
Instrument :
MSVOA_L
ClientSampleId :
VL0415ABS01

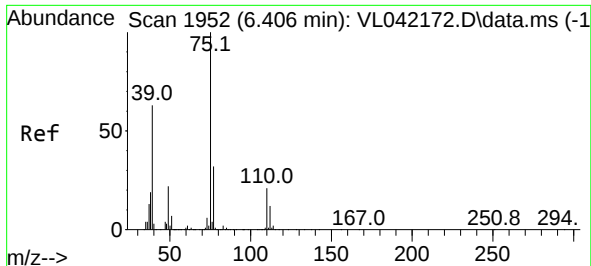
Tgt Ion: 69 Resp: 151531
Ion Ratio Lower Upper
69 100
41 156.5 123.8 185.6
100 33.9 28.4 42.6



#44
2,2,4-Trimethylpentane
Concen: 9.503 ppbv
RT: 4.680 min Scan# 1419
Delta R.T. 0.045 min
Lab File: VL042328.D
Acq: 15 Apr 2025 12:54

Tgt Ion: 57 Resp: 707832
Ion Ratio Lower Upper
57 100
41 34.7 26.8 40.2
56 32.7 25.6 38.4





#45

t-1,3-Dichloropropene

Concen: 7.179 ppbv

RT: 6.470 min Scan# 1952

Delta R.T. 0.065 min

Lab File: VL042328.D

Acq: 15 Apr 2025 12:54

Instrument :

MSVOA_L

ClientSampleId :

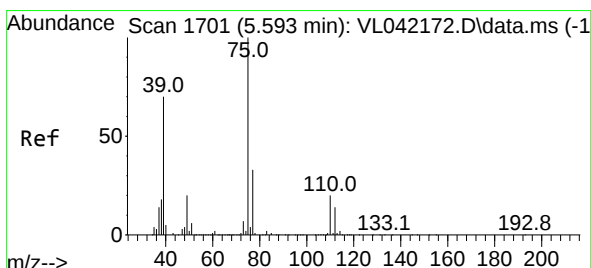
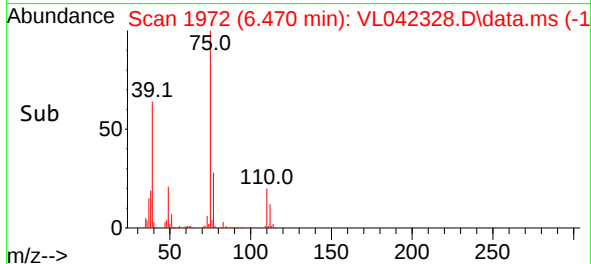
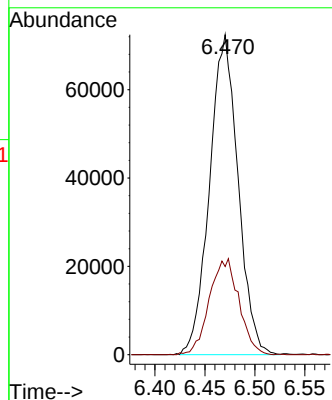
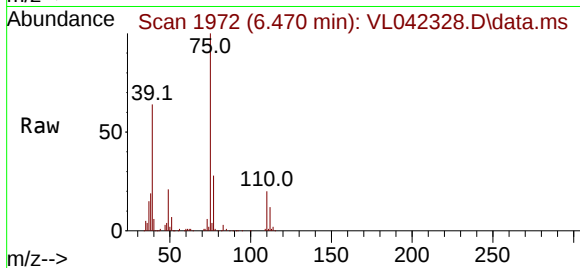
VL0415ABS01

Tgt Ion: 75 Resp: 143714

Ion Ratio Lower Upper

75 100

77 27.5 26.0 39.0



#46

cis-1,3-Dichloropropene

Concen: 7.841 ppbv

RT: 5.658 min Scan# 1721

Delta R.T. 0.065 min

Lab File: VL042328.D

Acq: 15 Apr 2025 12:54

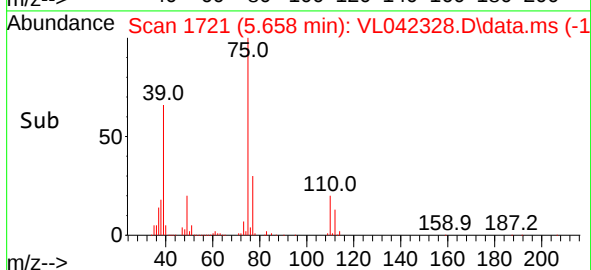
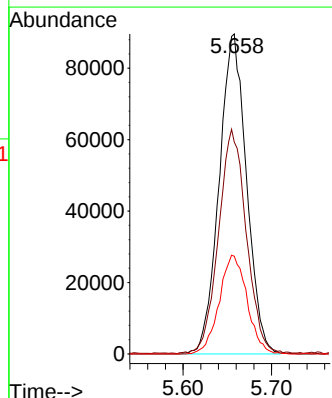
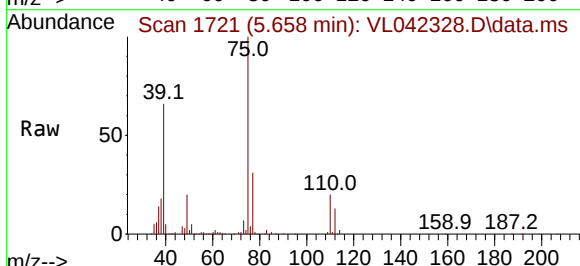
Tgt Ion: 75 Resp: 192419

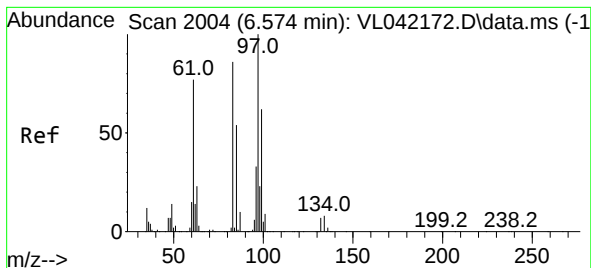
Ion Ratio Lower Upper

75 100

39 65.8 55.8 83.6

77 30.6 26.0 39.0





#47

1,1,2-Trichloroethane

Concen: 9.621 ppbv

RT: 6.635 min Scan# 2004

Delta R.T. 0.061 min

Lab File: VL042328.D

Acq: 15 Apr 2025 12:54

Instrument :

MSVOA_L

ClientSampleId :

VL0415ABS01

Tgt Ion: 97 Resp: 163251

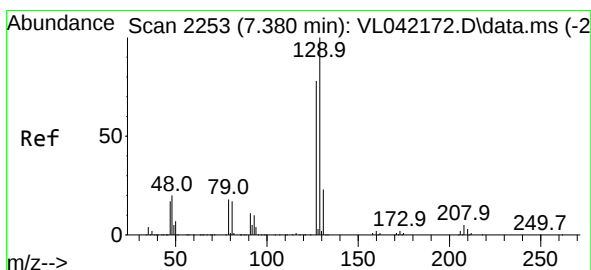
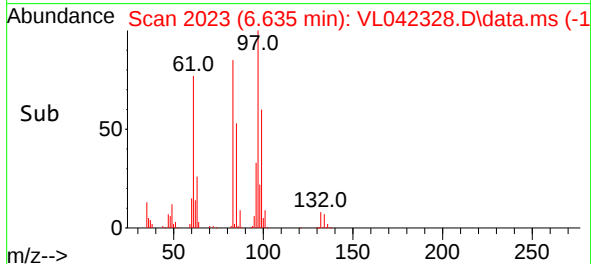
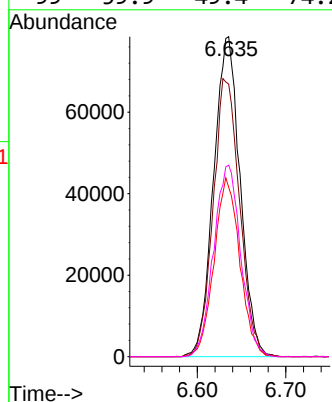
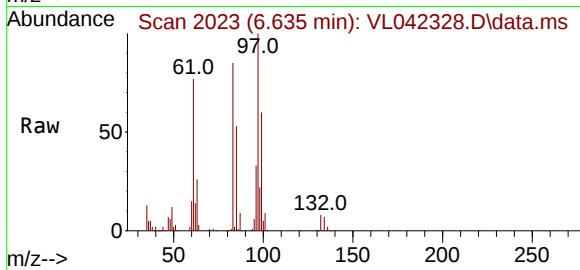
Ion Ratio Lower Upper

97 100

83 85.2 69.2 103.8

85 52.9 43.1 64.7

99 59.9 49.4 74.2



#48

Dibromochloromethane

Concen: 9.256 ppbv

RT: 7.428 min Scan# 2268

Delta R.T. 0.048 min

Lab File: VL042328.D

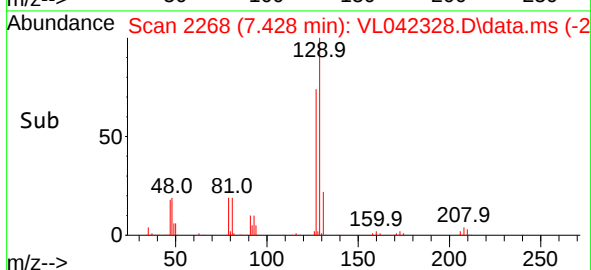
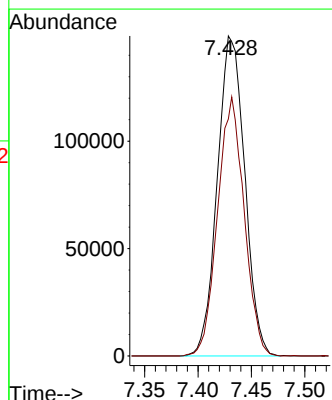
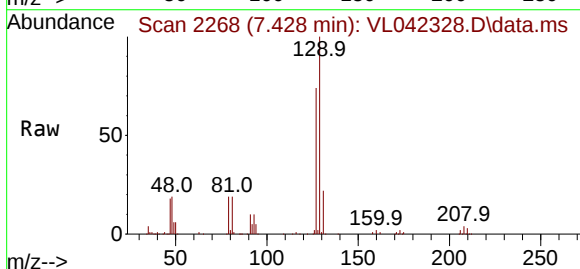
Acq: 15 Apr 2025 12:54

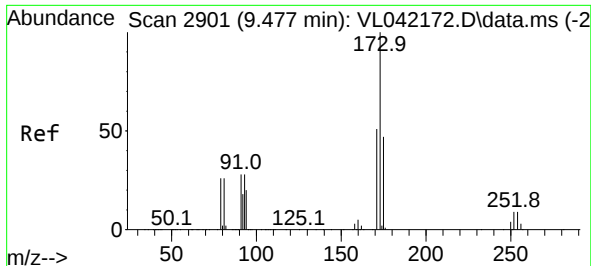
Tgt Ion: 129 Resp: 266192

Ion Ratio Lower Upper

129 100

127 78.3 39.1 117.2

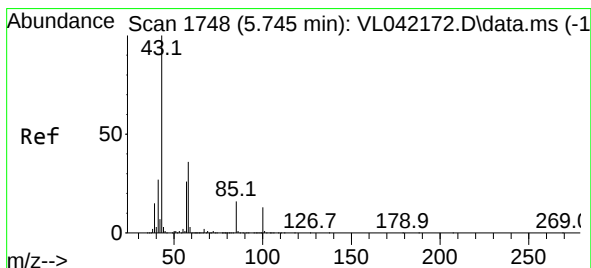
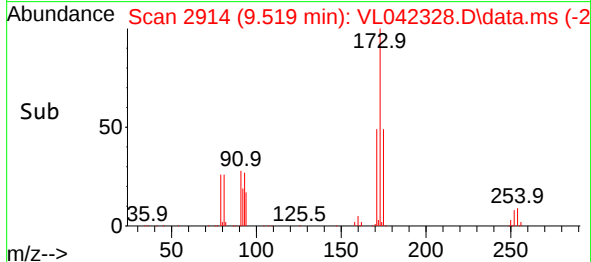
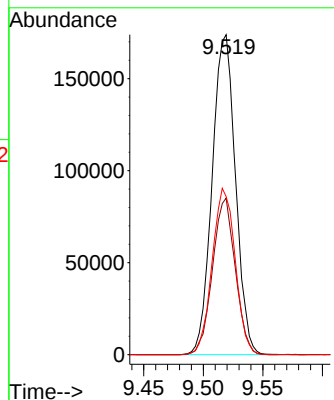
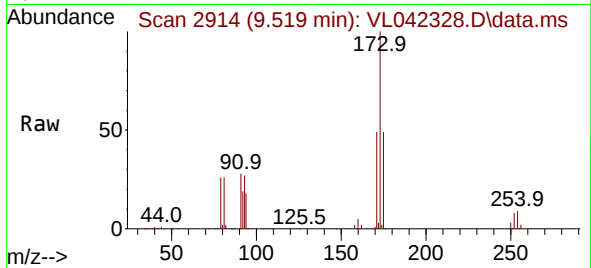




#49
Bromoform
Concen: 9.168 ppbv
RT: 9.519 min Scan# 2901
Delta R.T. 0.042 min
Lab File: VL042328.D
Acq: 15 Apr 2025 12:54

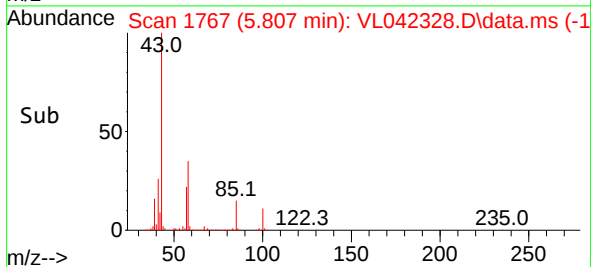
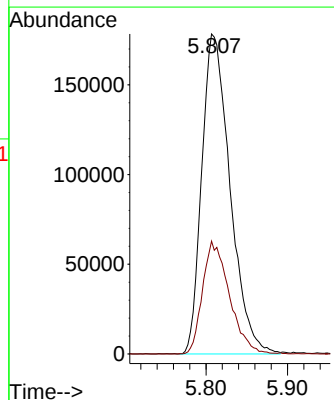
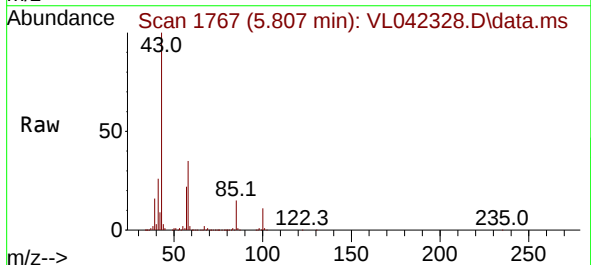
Instrument :
MSVOA_L
ClientSampleId :
VL0415ABS01

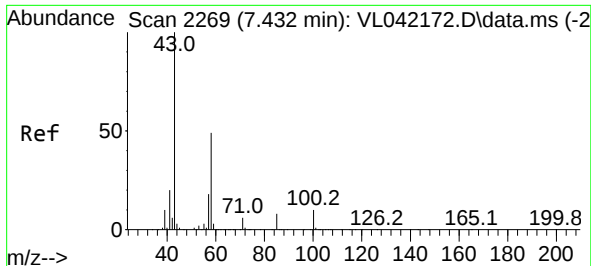
Tgt Ion:173 Resp: 236686
Ion Ratio Lower Upper
173 100
175 47.8 38.6 57.8
171 51.4 41.8 62.6



#50
4-Methyl-2-Pentanone
Concen: 8.416 ppbv
RT: 5.807 min Scan# 1767
Delta R.T. 0.061 min
Lab File: VL042328.D
Acq: 15 Apr 2025 12:54

Tgt Ion: 43 Resp: 429988
Ion Ratio Lower Upper
43 100
58 33.5 29.0 43.6

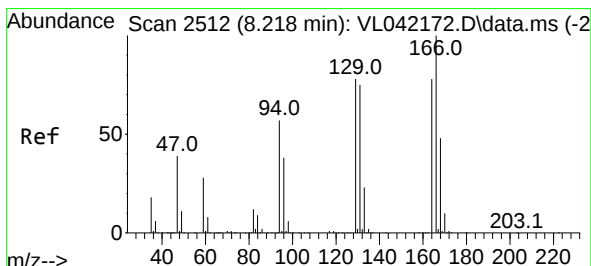
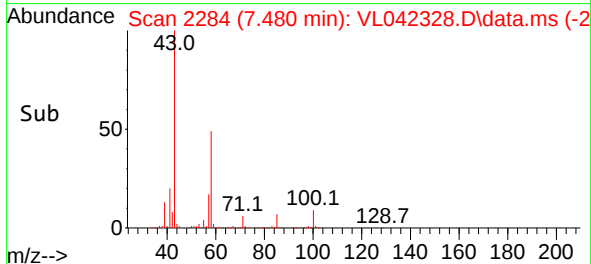
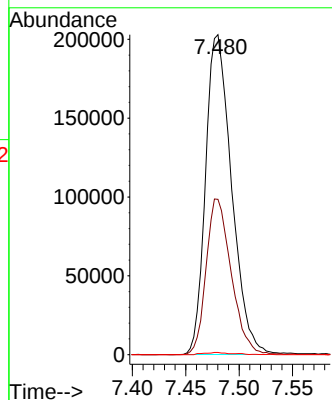
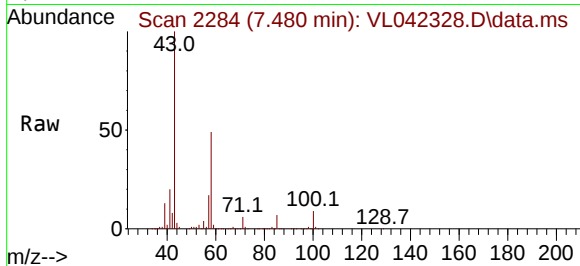




#51
2-Hexanone
Concen: 8.203 ppbv
RT: 7.480 min Scan# 21
Delta R.T. 0.048 min
Lab File: VL042328.D
Acq: 15 Apr 2025 12:54

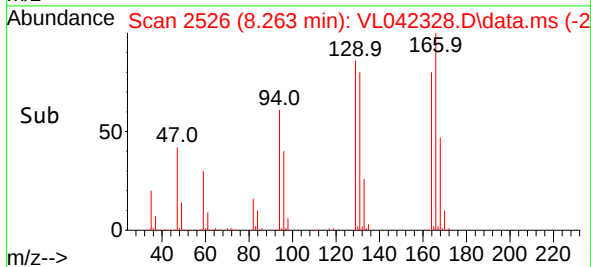
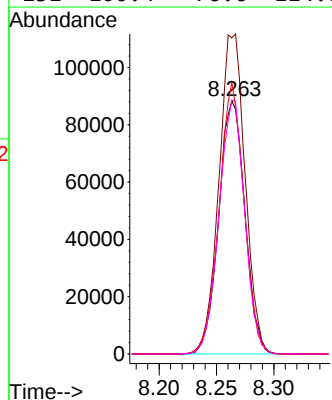
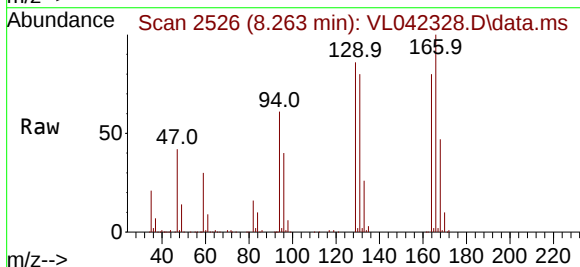
Instrument :
MSVOA_L
ClientSampleId :
VL0415ABS01

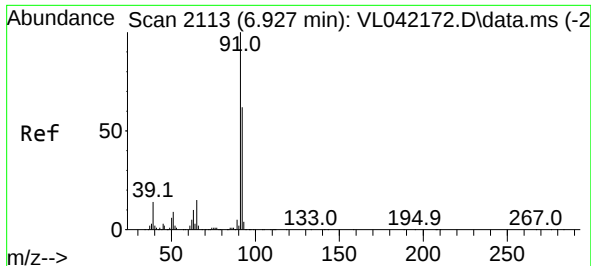
Tgt Ion: 43 Resp: 344172
Ion Ratio Lower Upper
43 100
58 47.1 39.7 59.5
98 0.8 0.1 0.1#



#52
Tetrachloroethene
Concen: 8.000 ppbv
RT: 8.263 min Scan# 2526
Delta R.T. 0.045 min
Lab File: VL042328.D
Acq: 15 Apr 2025 12:54

Tgt Ion:164 Resp: 139845
Ion Ratio Lower Upper
164 100
166 124.9 102.5 153.7
129 107.2 79.8 119.8
131 100.4 76.6 114.8

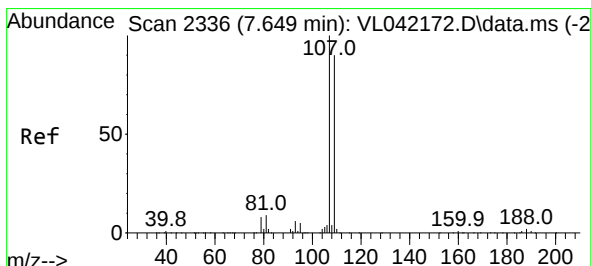
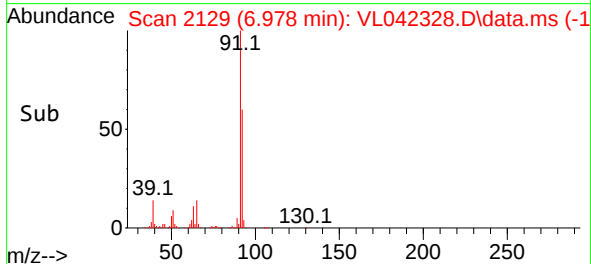
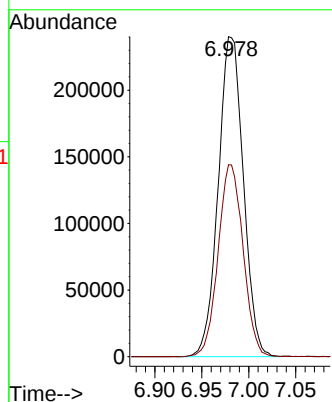
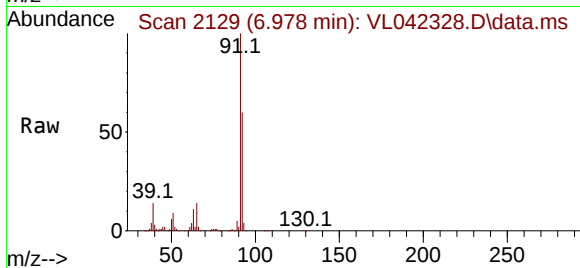




#53
Toluene
Concen: 8.559 ppbv
RT: 6.978 min Scan# 2113
Delta R.T. 0.052 min
Lab File: VL042328.D
Acq: 15 Apr 2025 12:54

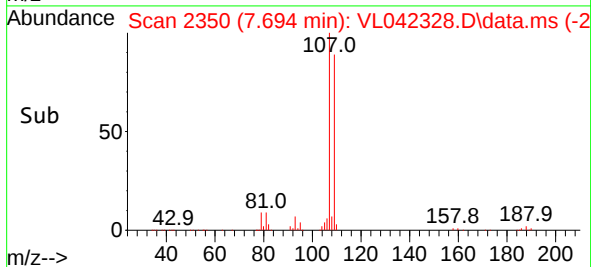
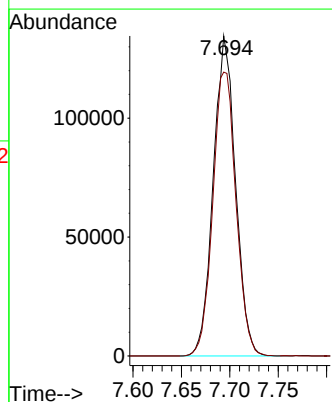
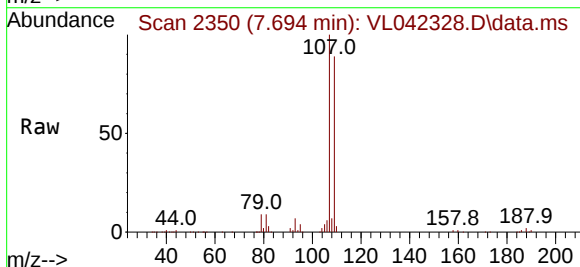
Instrument :
MSVOA_L
ClientSampleId :
VL0415ABS01

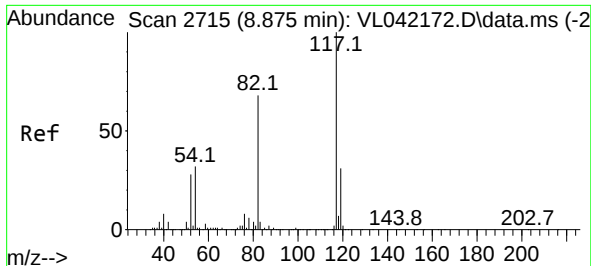
Tgt Ion: 91 Resp: 447178
Ion Ratio Lower Upper
91 100
92 59.6 48.4 72.6



#54
1,2-Dibromoethane
Concen: 9.089 ppbv
RT: 7.694 min Scan# 2350
Delta R.T. 0.045 min
Lab File: VL042328.D
Acq: 15 Apr 2025 12:54

Tgt Ion: 107 Resp: 214982
Ion Ratio Lower Upper
107 100
109 88.7 72.2 108.4

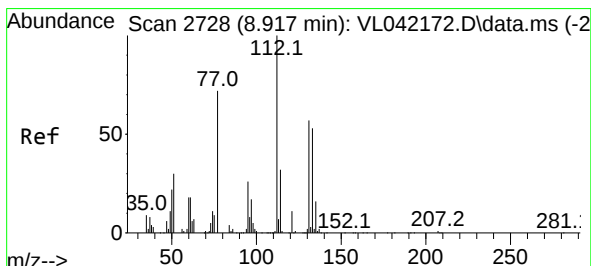
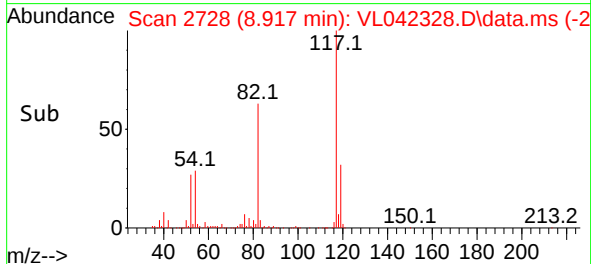
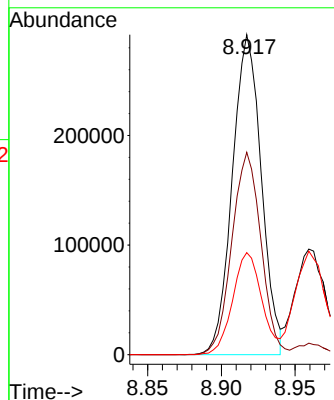
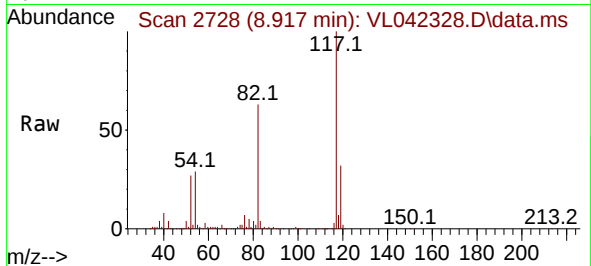




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.917 min Scan# 2715
Delta R.T. 0.042 min
Lab File: VL042328.D
Acq: 15 Apr 2025 12:54

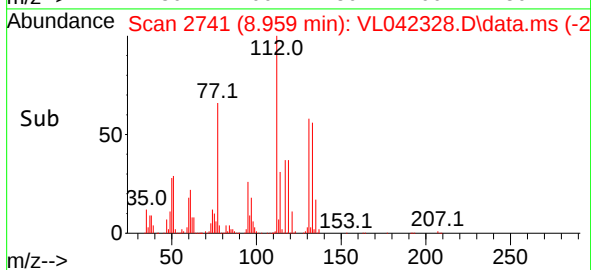
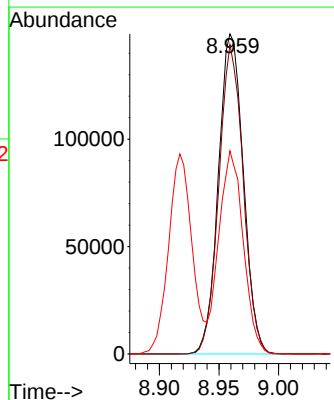
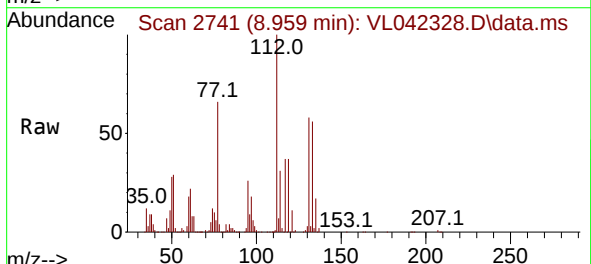
Instrument :
MSVOA_L
ClientSampleId :
VL0415ABS01

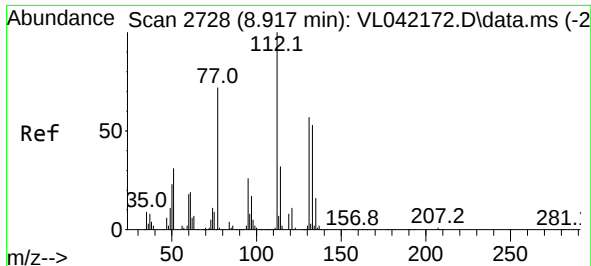
Tgt Ion:117 Resp: 399604
Ion Ratio Lower Upper
117 100
82 66.8 55.8 83.6
119 32.4 25.5 38.3



#56
1,1,1,2-Tetrachloroethane
Concen: 9.855 ppbv
RT: 8.959 min Scan# 2741
Delta R.T. 0.042 min
Lab File: VL042328.D
Acq: 15 Apr 2025 12:54

Tgt Ion:131 Resp: 216770
Ion Ratio Lower Upper
131 100
133 94.3 76.6 114.8
119 59.8 49.8 74.6

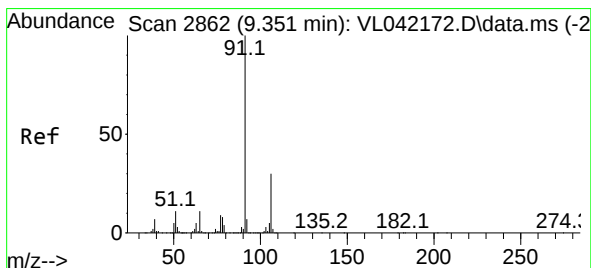
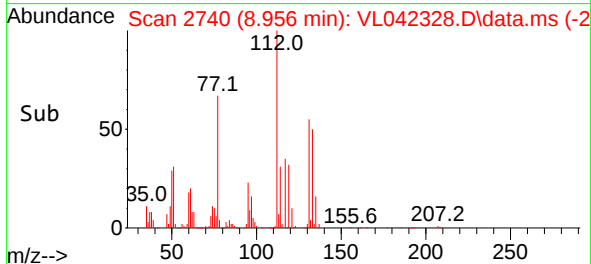
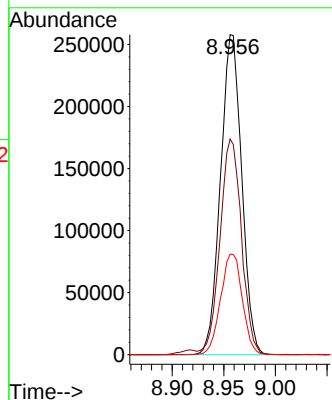
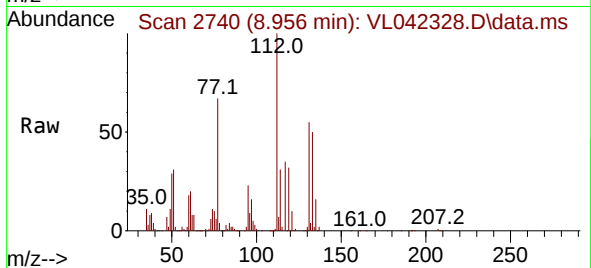




#57
Chlorobenzene
Concen: 9.739 ppbv
RT: 8.956 min Scan# 21
Delta R.T. 0.039 min
Lab File: VL042328.D
Acq: 15 Apr 2025 12:54

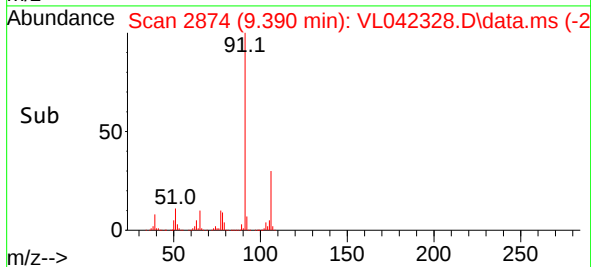
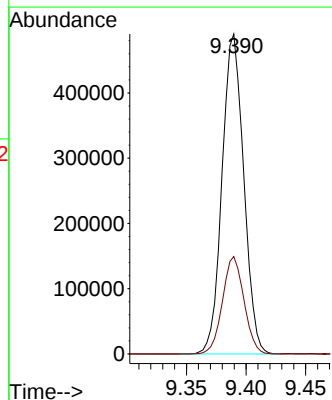
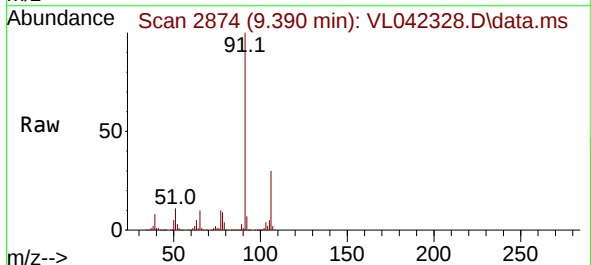
Instrument :
MSVOA_L
ClientSampleId :
VL0415ABS01

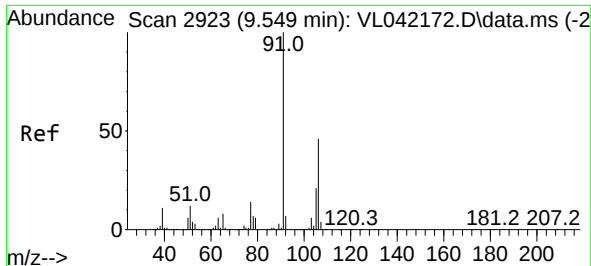
Tgt Ion:112 Resp: 369132
Ion Ratio Lower Upper
112 100
77 67.4 58.2 87.2
114 31.4 29.1 35.5



#58
Ethyl Benzene
Concen: 8.716 ppbv
RT: 9.390 min Scan# 2874
Delta R.T. 0.039 min
Lab File: VL042328.D
Acq: 15 Apr 2025 12:54

Tgt Ion: 91 Resp: 618669
Ion Ratio Lower Upper
91 100
106 30.4 24.2 36.2

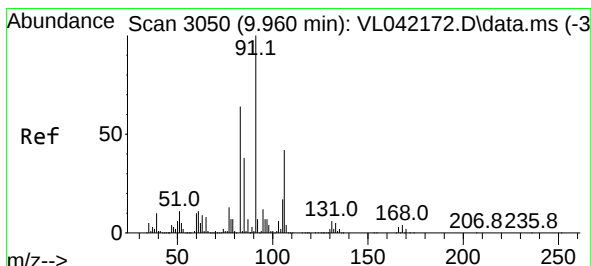
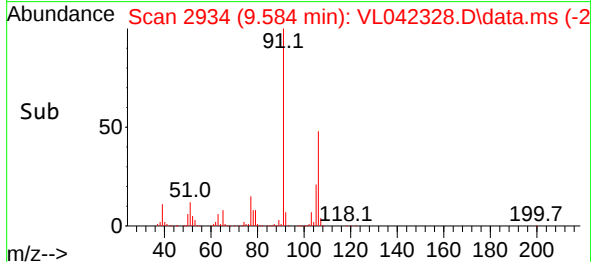
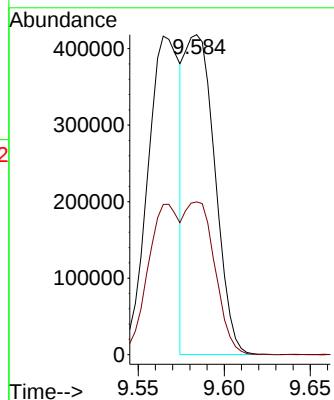
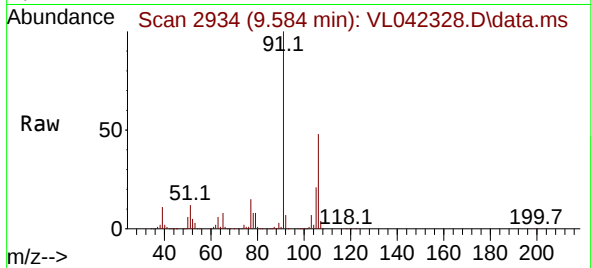




#59
m/p-Xylene
Concen: 9.001 ppbv
RT: 9.584 min Scan# 2923
Delta R.T. 0.035 min
Lab File: VL042328.D
Acq: 15 Apr 2025 12:54

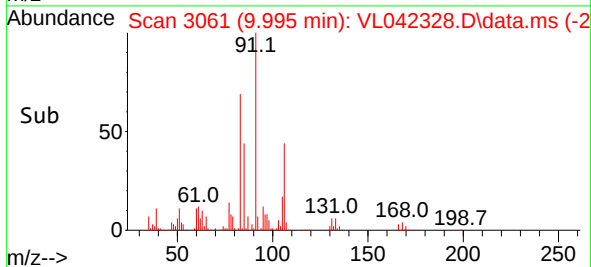
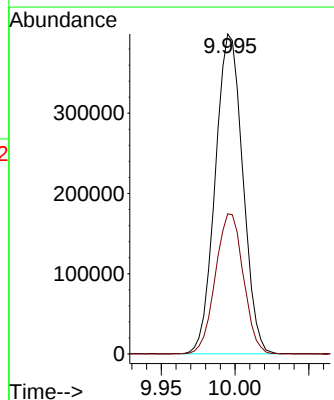
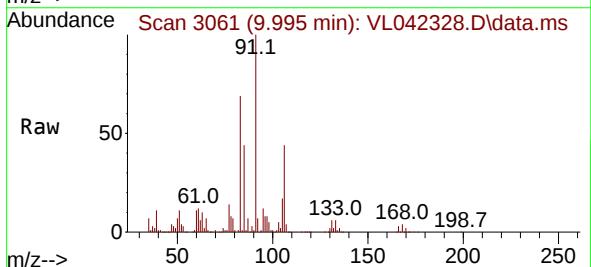
Instrument :
MSVOA_L
ClientSampleId :
VL0415ABS01

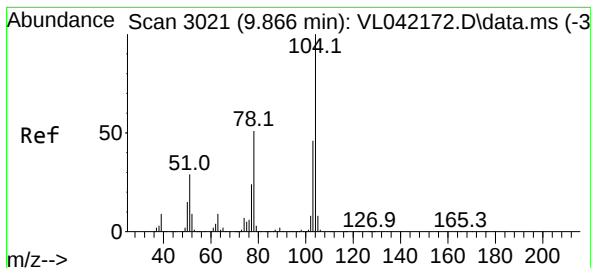
Tgt Ion: 91 Resp: 510187
Ion Ratio Lower Upper
91 100
106 97.2 36.4 54.6#



#60
o-Xylene
Concen: 9.107 ppbv
RT: 9.995 min Scan# 3061
Delta R.T. 0.035 min
Lab File: VL042328.D
Acq: 15 Apr 2025 12:54

Tgt Ion: 91 Resp: 517471
Ion Ratio Lower Upper
91 100
106 44.5 20.8 62.5





#61

Styrene

Concen: 8.168 ppbv

RT: 9.904 min Scan# 3021

Delta R.T. 0.039 min

Lab File: VL042328.D

Acq: 15 Apr 2025 12:54

Instrument :

MSVOA_L

ClientSampleId :

VL0415ABS01

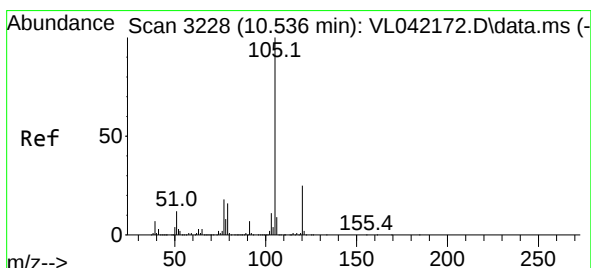
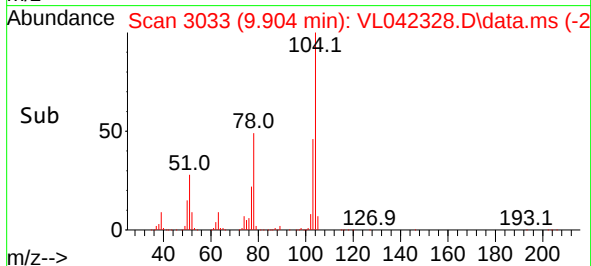
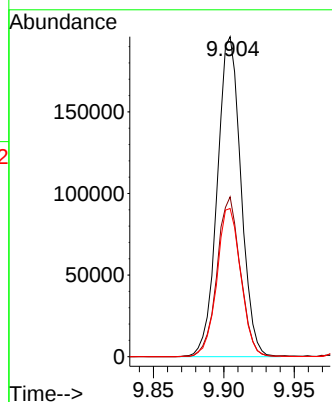
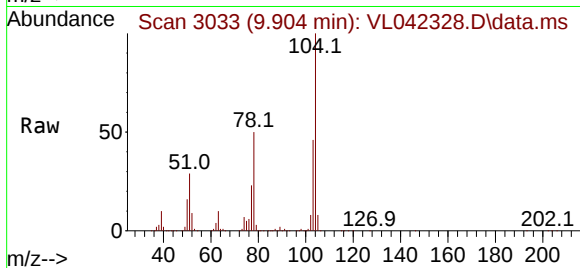
Tgt Ion:104 Resp: 229601

Ion Ratio Lower Upper

104 100

78 49.5 41.8 62.6

103 47.0 37.0 55.4



#62

Isopropylbenzene

Concen: 9.247 ppbv

RT: 10.568 min Scan# 3238

Delta R.T. 0.032 min

Lab File: VL042328.D

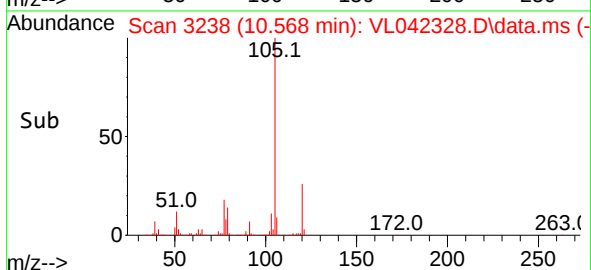
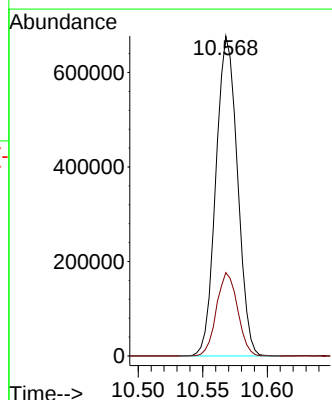
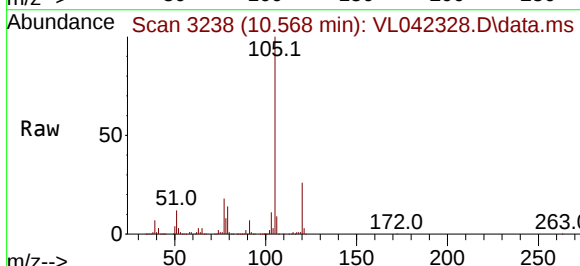
Acq: 15 Apr 2025 12:54

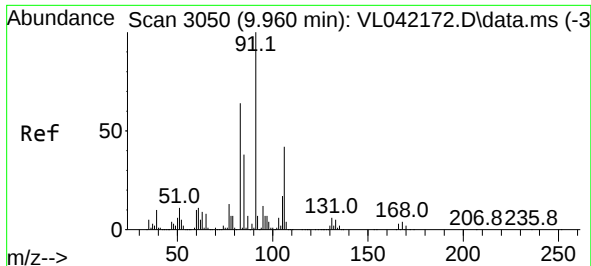
Tgt Ion:105 Resp: 785673

Ion Ratio Lower Upper

105 100

120 25.5 19.9 29.9





#63

1,1,2,2-Tetrachloroethane

Concen: 10.176 ppbv

RT: 9.995 min Scan# 3050

Delta R.T. 0.035 min

Lab File: VL042328.D

Acq: 15 Apr 2025 12:54

Instrument :

MSVOA_L

ClientSampleId :

VL0415ABS01

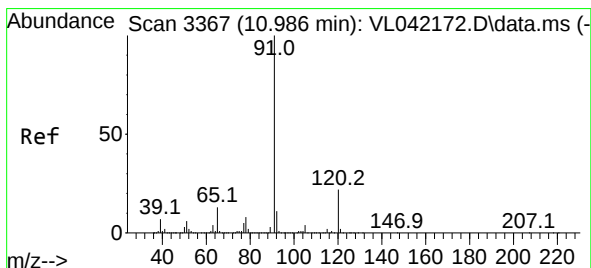
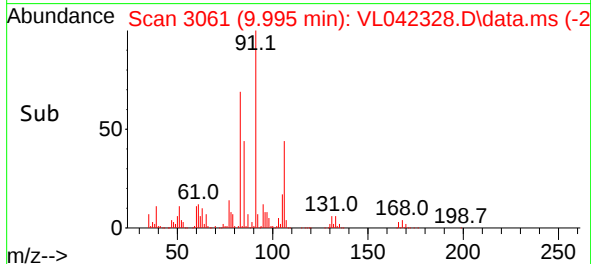
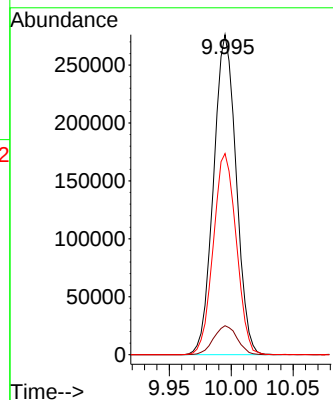
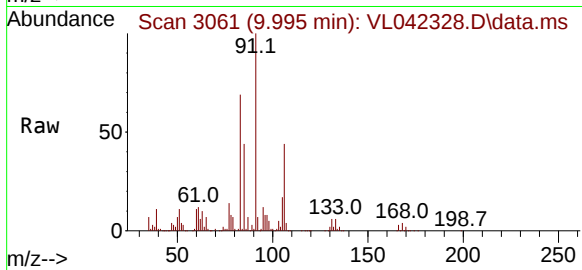
Tgt Ion: 83 Resp: 351308

Ion Ratio Lower Upper

83 100

131 9.4 4.8 14.4

85 63.9 32.5 97.5



#64

n-propylbenzene

Concen: 9.615 ppbv

RT: 11.018 min Scan# 3377

Delta R.T. 0.032 min

Lab File: VL042328.D

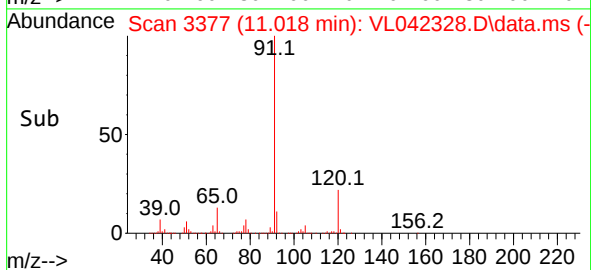
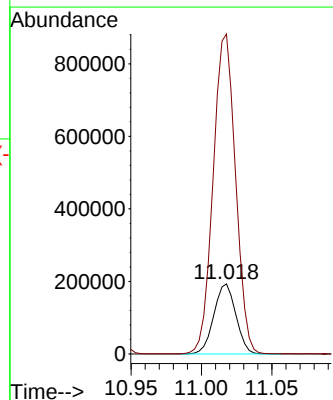
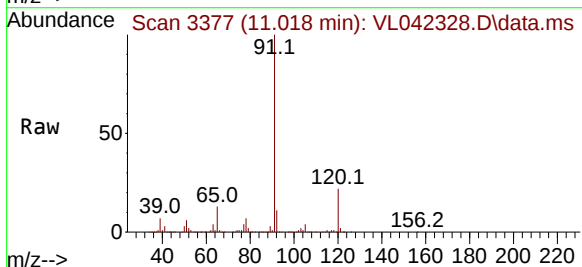
Acq: 15 Apr 2025 12:54

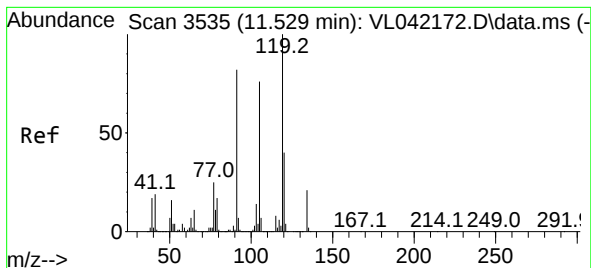
Tgt Ion: 120 Resp: 210294

Ion Ratio Lower Upper

120 100

91 465.9 376.9 565.3





#65

tert-Butylbenzene

Concen: 9.149 ppbv

RT: 11.558 min Scan# 3544

Delta R.T. 0.029 min

Lab File: VL042328.D

Acq: 15 Apr 2025 12:54

Instrument :

MSVOA_L

ClientSampleId :

VL0415ABS01

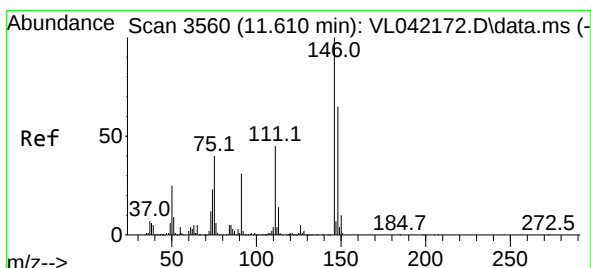
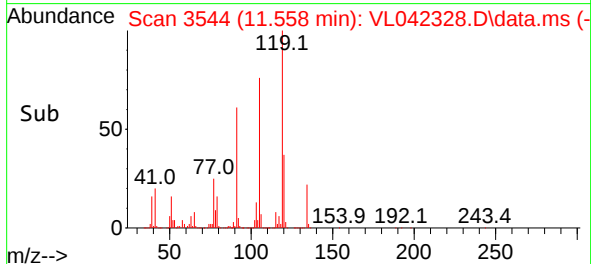
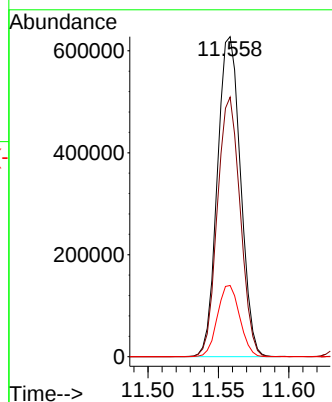
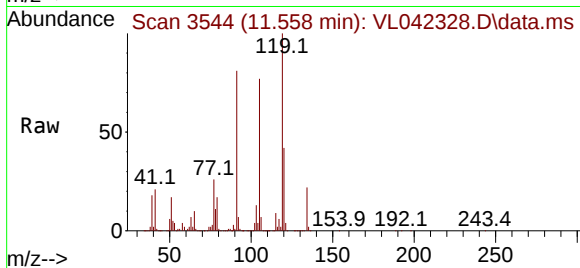
Tgt Ion:119 Resp: 718948

Ion Ratio Lower Upper

119 100

91 79.8 66.0 99.0

134 21.4 16.7 25.1



#66

Benzyl Chloride

Concen: 6.614 ppbv

RT: 11.642 min Scan# 3570

Delta R.T. 0.032 min

Lab File: VL042328.D

Acq: 15 Apr 2025 12:54

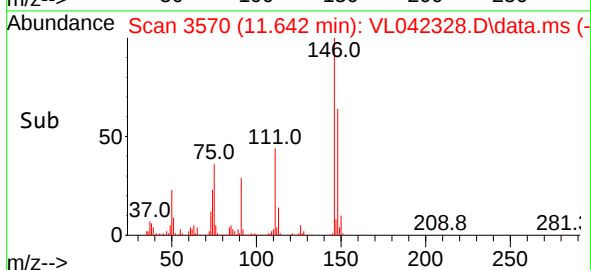
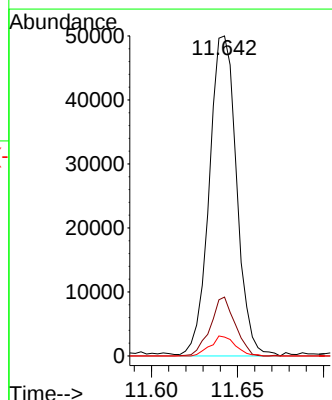
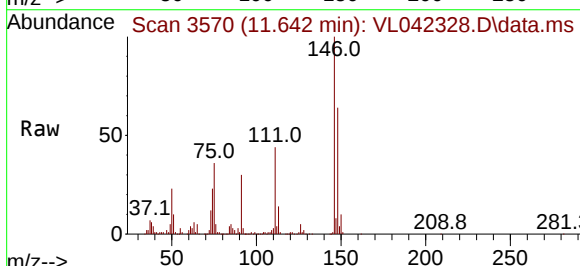
Tgt Ion: 91 Resp: 55150

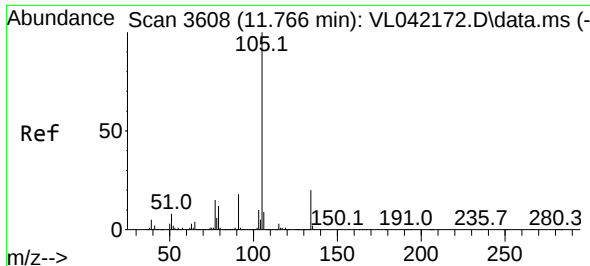
Ion Ratio Lower Upper

91 100

126 16.6 13.8 20.6

128 5.7 4.5 6.7

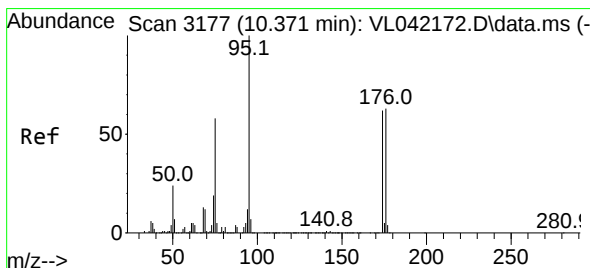
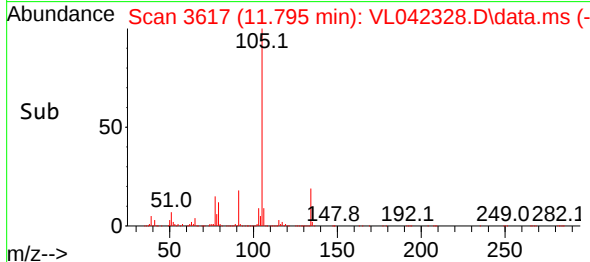
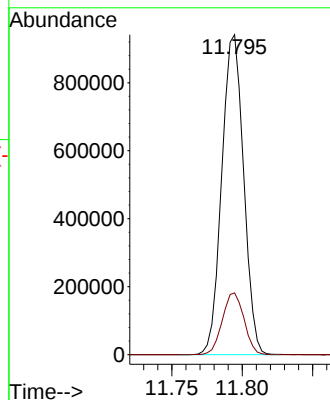
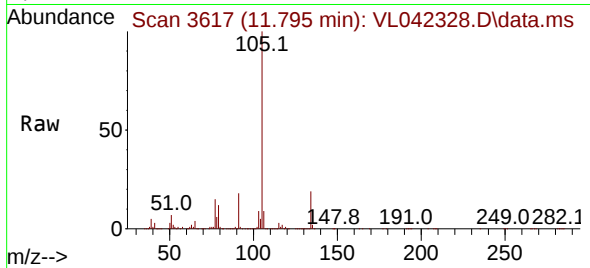




#67
 sec-Butylbenzene
 Concen: 9.328 ppbv
 RT: 11.795 min Scan# 3187
 Delta R.T. 0.029 min
 Lab File: VL042328.D
 Acq: 15 Apr 2025 12:54

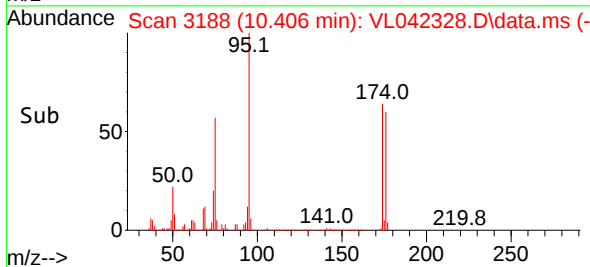
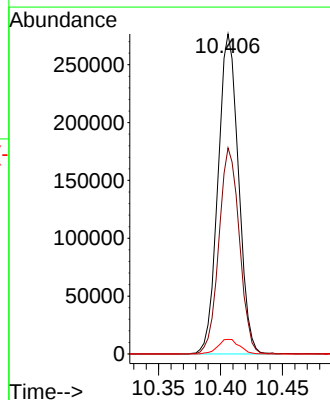
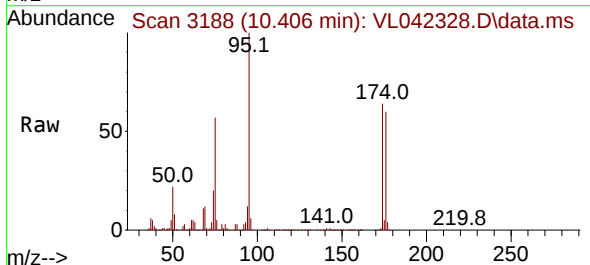
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0415ABS01

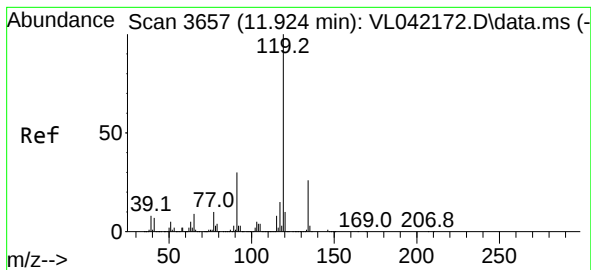
Tgt Ion:105 Resp: 1018861
 Ion Ratio Lower Upper
 105 100
 134 19.2 15.5 23.3



#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.718 ppbv
 RT: 10.406 min Scan# 3188
 Delta R.T. 0.035 min
 Lab File: VL042328.D
 Acq: 15 Apr 2025 12:54

Tgt Ion: 95 Resp: 318902
 Ion Ratio Lower Upper
 95 100
 174 64.4 50.6 76.0
 175 4.8 3.8 5.6





#69

p-Isopropyltoluene

Concen: 9.179 ppbv

RT: 11.950 min Scan# 3

Delta R.T. 0.026 min

Lab File: VL042328.D

Acq: 15 Apr 2025 12:54

Instrument :

MSVOA_L

ClientSampleId :

VL0415ABS01

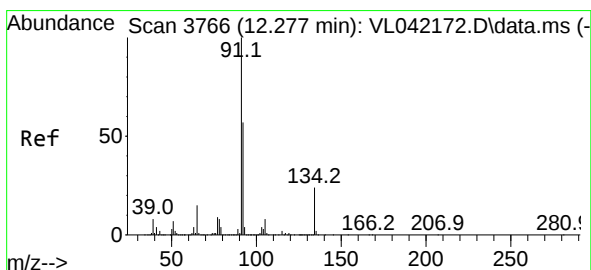
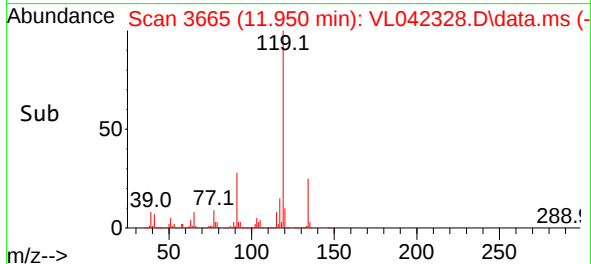
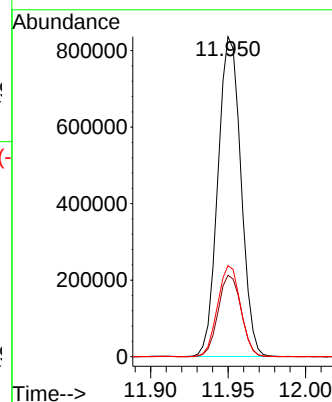
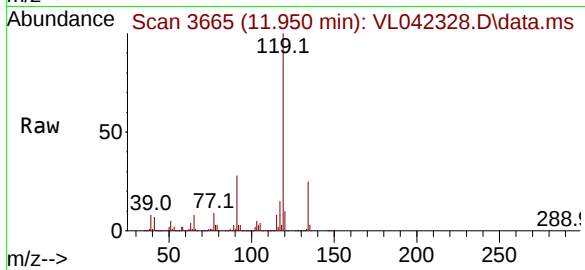
Tgt Ion:119 Resp: 863264

Ion Ratio Lower Upper

119 100

134 25.6 20.4 30.6

91 28.5 23.7 35.5



#70

n-Butylbenzene

Concen: 9.273 ppbv

RT: 12.306 min Scan# 3775

Delta R.T. 0.029 min

Lab File: VL042328.D

Acq: 15 Apr 2025 12:54

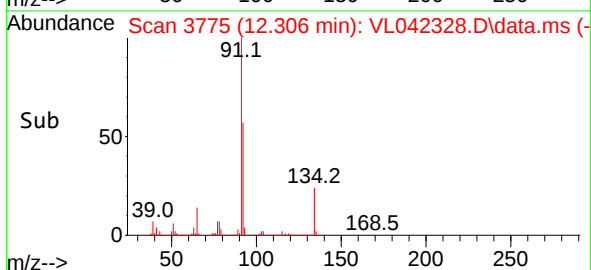
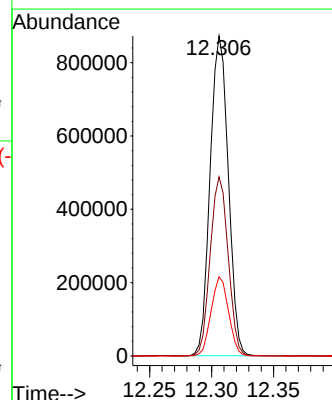
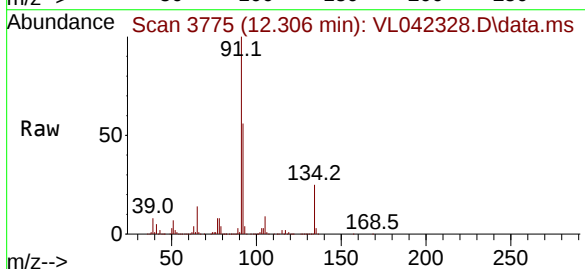
Tgt Ion: 91 Resp: 891883

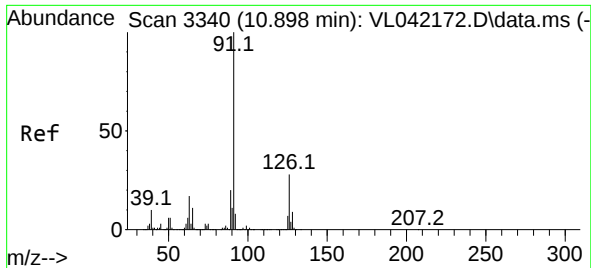
Ion Ratio Lower Upper

91 100

92 55.3 44.9 67.3

134 23.8 19.2 28.8

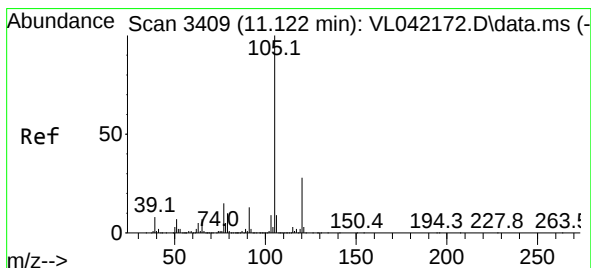
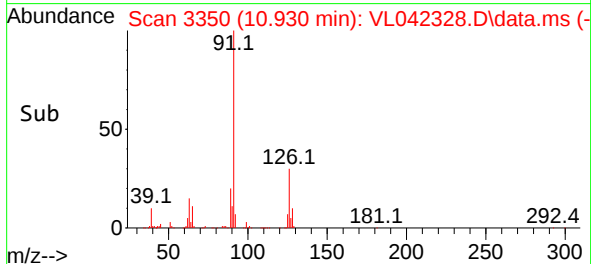
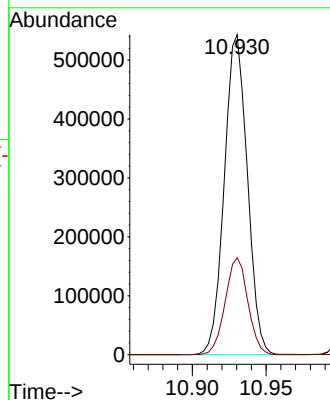
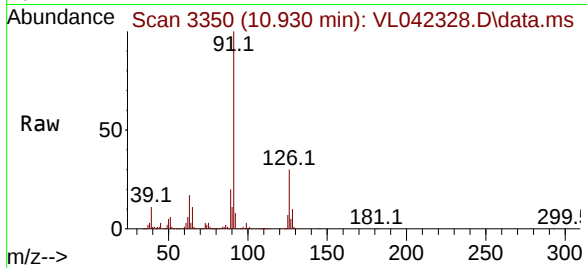




#71
2-Chlorotoluene
Concen: 8.953 ppbv
RT: 10.930 min Scan# 31
Delta R.T. 0.032 min
Lab File: VL042328.D
Acq: 15 Apr 2025 12:54

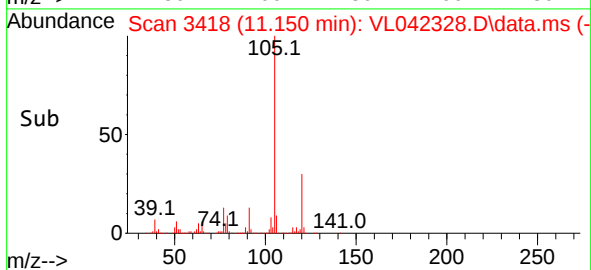
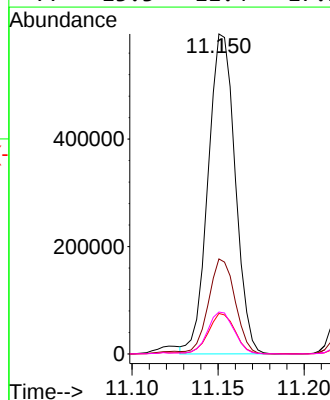
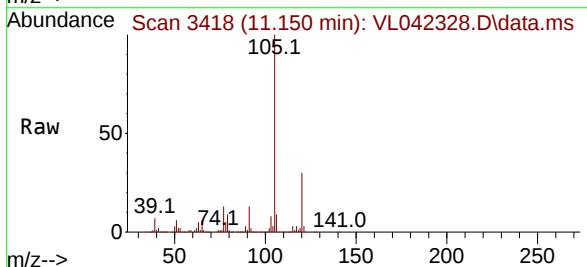
Instrument :
MSVOA_L
ClientSampleId :
VL0415ABS01

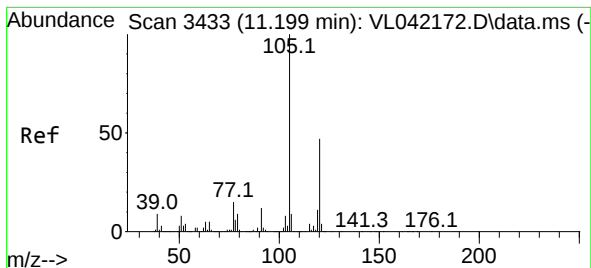
Tgt Ion: 91 Resp: 590408
Ion Ratio Lower Upper
91 100
126 29.8 11.6 46.4



#72
4-Ethyltoluene
Concen: 9.230 ppbv
RT: 11.150 min Scan# 3418
Delta R.T. 0.029 min
Lab File: VL042328.D
Acq: 15 Apr 2025 12:54

Tgt Ion: 105 Resp: 652962
Ion Ratio Lower Upper
105 100
120 30.0 23.4 35.0
91 13.0 10.3 15.5
77 13.3 11.4 17.2





#73

1,3,5-Trimethylbenzene

Concen: 9.055 ppbv

RT: 11.231 min Scan# 34

Delta R.T. 0.032 min

Lab File: VL042328.D

Acq: 15 Apr 2025 12:54

Instrument :

MSVOA_1

ClientSampleId :

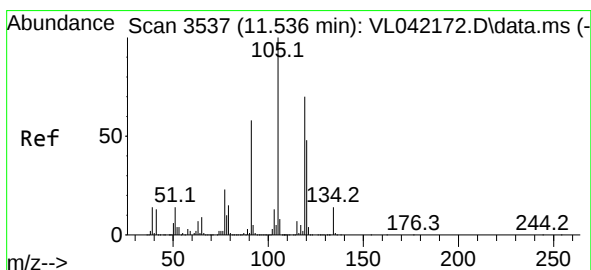
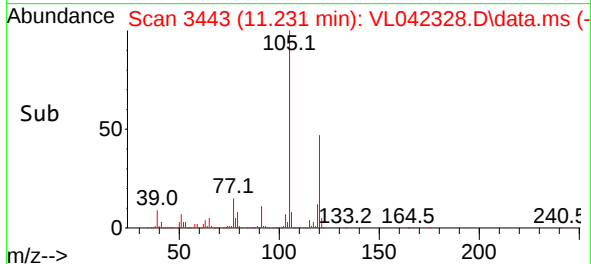
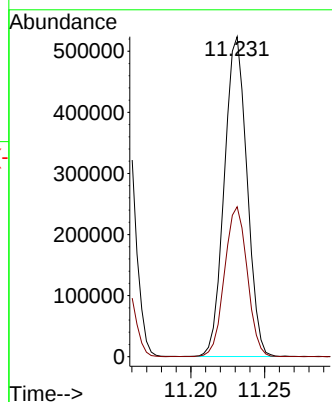
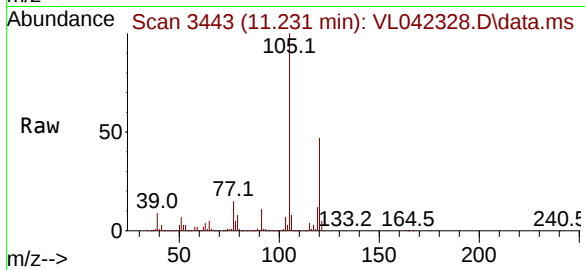
VL0415ABS01

Tgt Ion:105 Resp: 559451

Ion Ratio Lower Upper

105 100

120 46.8 37.4 56.0



#74

1,2,4-Trimethylbenzene

Concen: 8.883 ppbv

RT: 11.565 min Scan# 3546

Delta R.T. 0.029 min

Lab File: VL042328.D

Acq: 15 Apr 2025 12:54

Tgt Ion:105 Resp: 632271

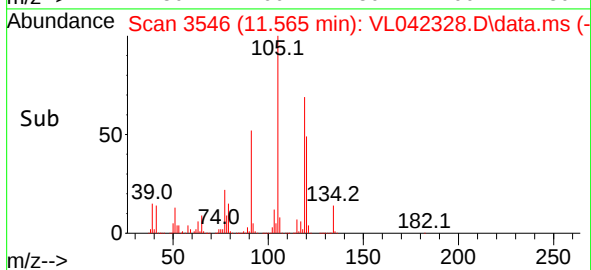
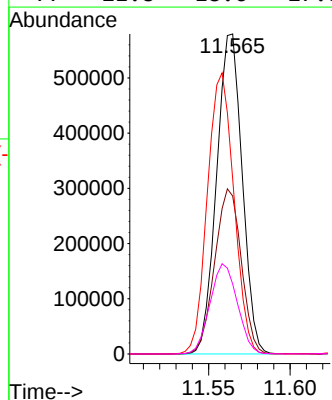
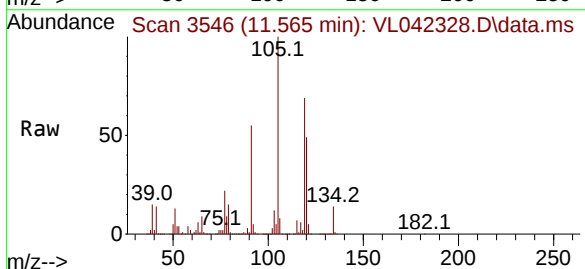
Ion Ratio Lower Upper

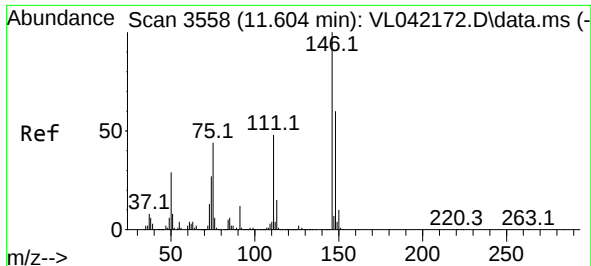
105 100

120 49.3 38.6 58.0

91 54.7 46.2 69.2

77 21.8 18.6 27.8

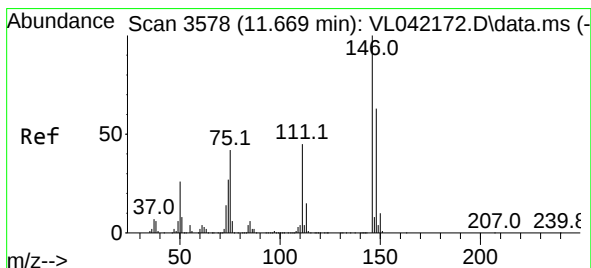
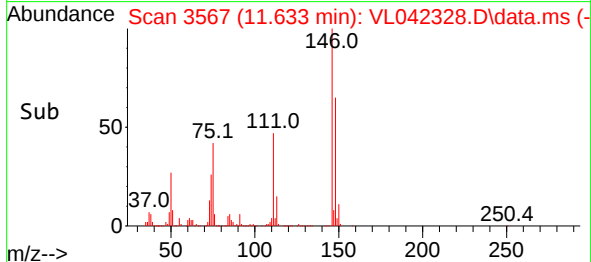
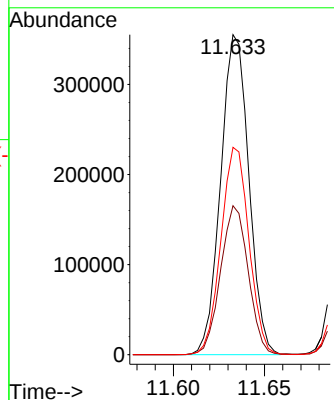
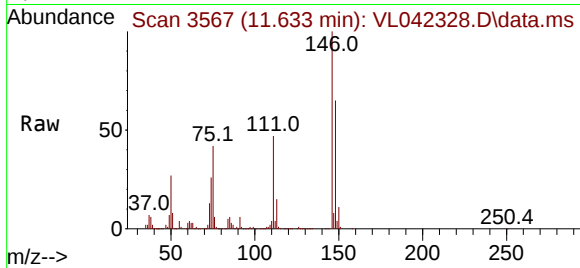




#75
1,3-Dichlorobenzene
Concen: 9.782 ppbv
RT: 11.633 min Scan# 3567
Delta R.T. 0.029 min
Lab File: VL042328.D
Acq: 15 Apr 2025 12:54

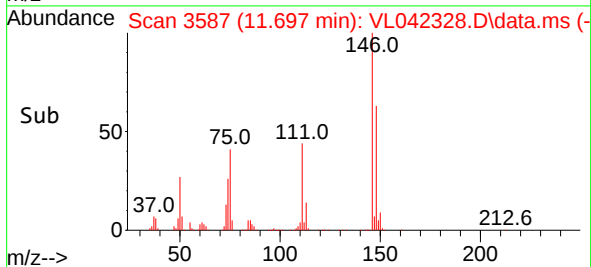
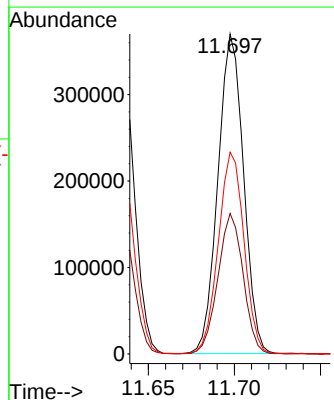
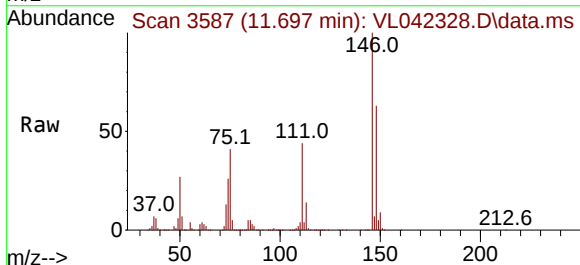
Instrument :
MSVOA_1
ClientSampleId :
VL0415ABS01

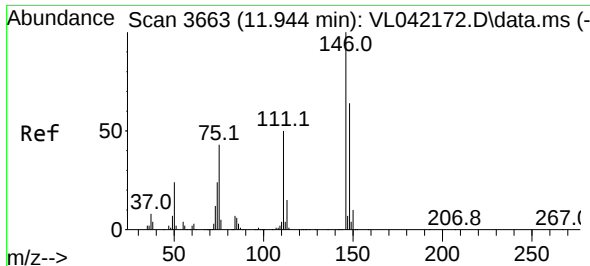
Tgt Ion:146 Resp: 381882
Ion Ratio Lower Upper
146 100
111 45.7 23.8 71.2
148 64.5 31.9 95.9



#76
1,4-Dichlorobenzene
Concen: 9.861 ppbv
RT: 11.697 min Scan# 3587
Delta R.T. 0.029 min
Lab File: VL042328.D
Acq: 15 Apr 2025 12:54

Tgt Ion:146 Resp: 383116
Ion Ratio Lower Upper
146 100
111 43.4 23.0 69.0
148 63.6 31.9 95.7

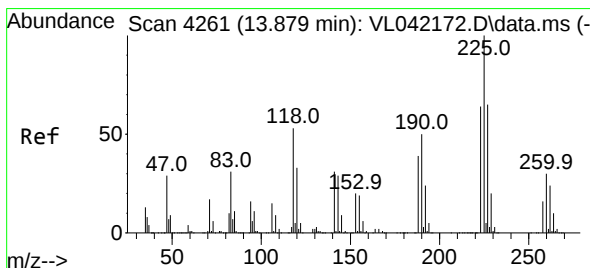
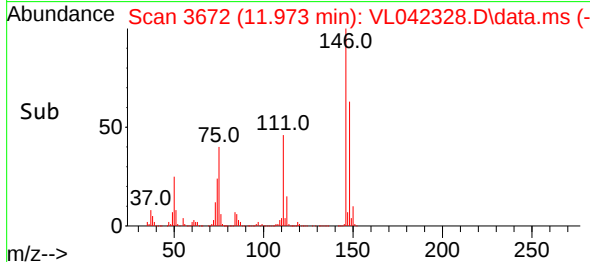
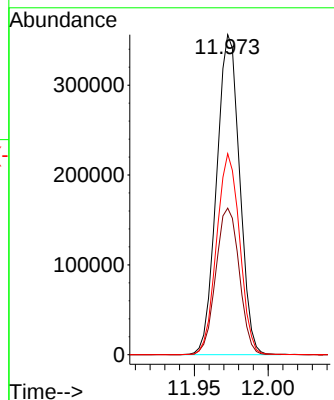
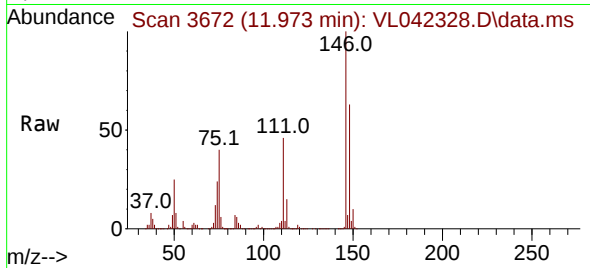




#77
 1,2-Dichlorobenzene
 Concen: 10.175 ppbv
 RT: 11.973 min Scan# 3663
 Delta R.T. 0.029 min
 Lab File: VL042328.D
 Acq: 15 Apr 2025 12:54

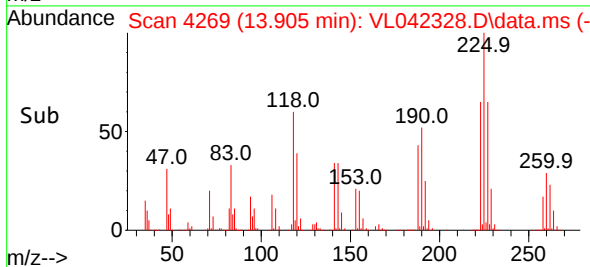
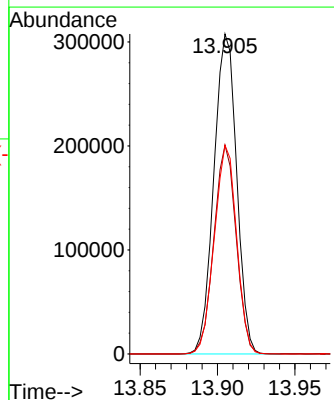
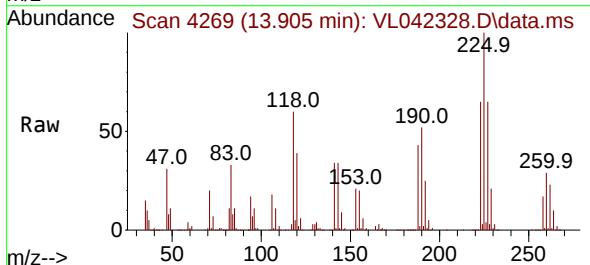
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0415ABS01

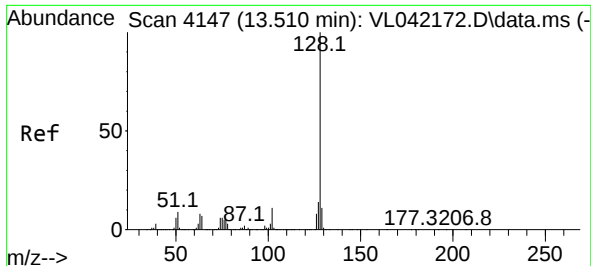
Tgt Ion:146 Resp: 386768
 Ion Ratio Lower Upper
 146 100
 111 46.7 24.8 74.3
 148 63.1 31.6 94.8



#78
 Hexachloro-1,3-Butadiene
 Concen: 8.138 ppbv
 RT: 13.905 min Scan# 4269
 Delta R.T. 0.026 min
 Lab File: VL042328.D
 Acq: 15 Apr 2025 12:54

Tgt Ion:225 Resp: 314860
 Ion Ratio Lower Upper
 225 100
 223 63.7 50.6 76.0
 227 64.0 51.2 76.8

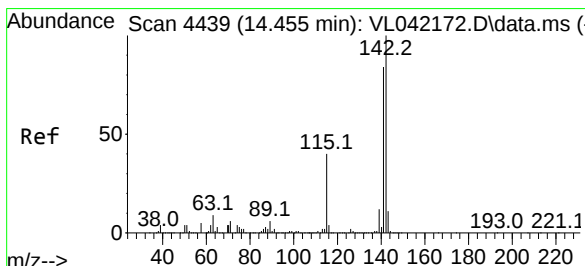
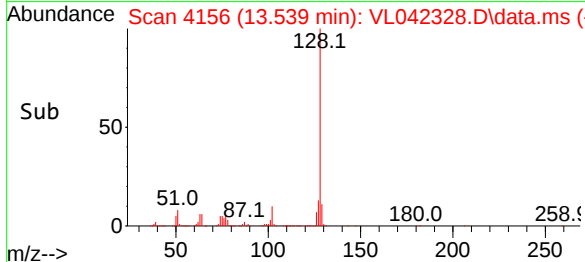
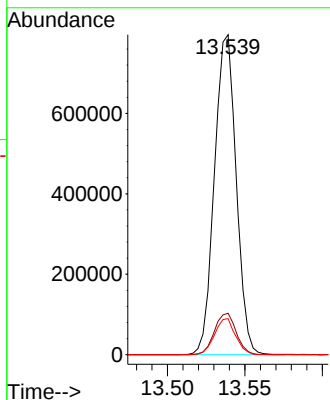
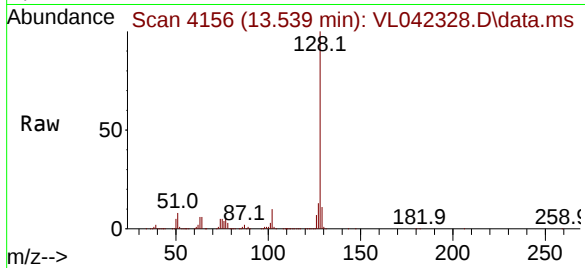




#79
Naphthalene
Concen: 9.989 ppbv
RT: 13.539 min Scan# 4147
Delta R.T. 0.029 min
Lab File: VL042328.D
Acq: 15 Apr 2025 12:54

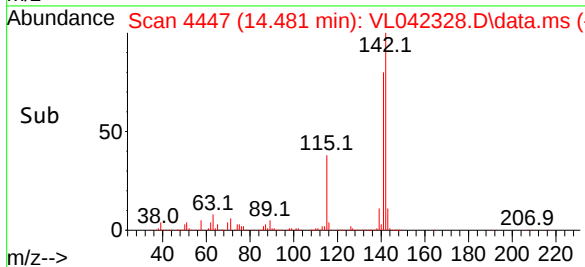
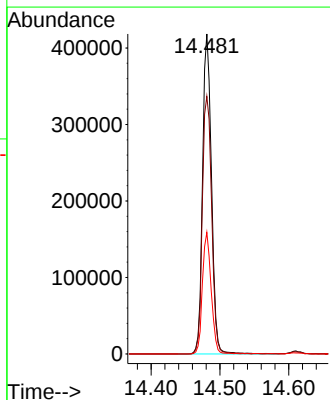
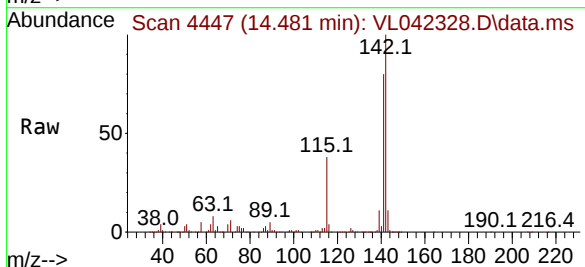
Instrument :
MSVOA_1
ClientSampleId :
VL0415ABS01

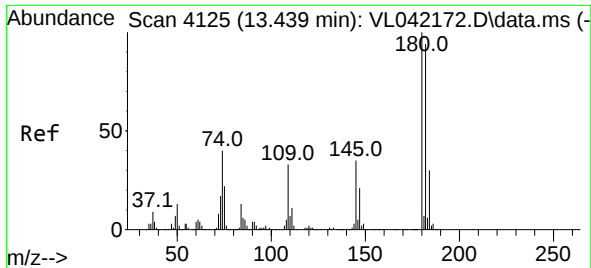
Tgt Ion:128 Resp: 777722
Ion Ratio Lower Upper
128 100
127 13.0 10.8 16.2
129 11.2 9.0 13.4



#80
Naphthalene,2-methyl-
Concen: 9.836 ppbv
RT: 14.481 min Scan# 4447
Delta R.T. 0.026 min
Lab File: VL042328.D
Acq: 15 Apr 2025 12:54

Tgt Ion:142 Resp: 375541
Ion Ratio Lower Upper
142 100
141 84.5 66.3 99.5
115 37.5 31.6 47.4





#81
 1,2,4-Trichlorobenzene
 Concen: 9.551 ppbv
 RT: 13.465 min Scan# 41
 Delta R.T. 0.026 min
 Lab File: VL042328.D
 Acq: 15 Apr 2025 12:54

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0415ABS01

Tgt Ion:180 Resp: 343011
 Ion Ratio Lower Upper
 180 100
 182 94.8 75.1 112.7
 184 30.3 24.4 36.6

