

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL022125\
 Data File : VL042034.D
 Acq On : 21 Feb 2025 10:23
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Quant Time: Feb 21 21:49:26 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL021425AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Feb 18 00:13:37 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.784	49	96177	10.000	ppbv	-0.02
33) 1,4-Difluorobenzene	3.955	114	241609	10.000	ppbv	-0.02
55) Chlorobenzene-d5	8.878	117	222442	10.000	ppbv	-0.02

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.377	95	185152	10.091	ppbv	-0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.900%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.499	85	152160	9.190	ppbv	97
3) Chlorodifluoromethane	1.476	51	211930	11.579	ppbv	98
4) Chloromethane	1.531	50	59114	9.188	ppbv	97
5) Vinyl Chloride	1.580	62	56373	7.327	ppbv	96
6) Bromomethane	1.667	94	25249	8.466	ppbv	92
7) Chloroethane	1.703	64	22725	9.063	ppbv	93
8) Dichlorotetrafluoroethane	1.554	85	126367	8.676	ppbv	98
9) Propene	1.483	41	84353	10.690	ppbv	98
10) Heptane	4.975	43	248846	11.356	ppbv	98
11) Trichlorofluoromethane	1.877	101	151480	9.091	ppbv	99
12) 1,1,2-Trichlorotrifluo...	2.136	101	119966	9.233	ppbv	97
13) Ethanol	1.719	45	4181	4.698	ppbv	91
14) Bromoethene	1.780	108	42074	8.671	ppbv	97
15) Acetone	1.835	43	126580	7.974	ppbv	96
16) 1,3-Butadiene	1.609	39	61275	8.137	ppbv	98
17) tert-Butyl alcohol	2.039	59	165367	8.419	ppbv	99
18) 1,1-Dichloroethene	2.033	96	51607	8.311	ppbv	92
19) Isopropyl Alcohol	1.884	45	74397	8.358	ppbv	99
20) Methylene Chloride	2.059	84	48010	8.034	ppbv	90
21) Allyl Chloride	2.094	41	99632	8.669	ppbv	98
22) trans-1,2-Dichloroethene	2.340	96	58399	8.667	ppbv	94
23) Vinyl Acetate	2.460	43	94565	11.001	ppbv #	97
24) 1,1-Dichloroethane	2.408	63	122220	8.934	ppbv	99
25) Ethyl Acetate	2.835	43	496239	11.389	ppbv	99
26) Hexane	2.823	57	208594	11.930	ppbv	94
27) Carbon Disulfide	2.149	76	150702	9.164	ppbv	98
28) Methyl tert-Butyl Ether	2.441	73	91146	8.528	ppbv	100
29) Chloroform	2.845	83	272319	10.753	ppbv	92
30) Cyclohexane	3.855	84	163645	11.537	ppbv	96
31) cis-1,2-Dichloroethene	2.719	61	194010	11.227	ppbv	94
32) 1,1,1-Trichloroethane	3.366	97	279320	9.946	ppbv	98
34) 2-Butanone	2.557	43	287518	13.832	ppbv	100
35) Carbon Tetrachloride	3.761	117	262294	11.180	ppbv	99
36) Benzene	3.654	78	382440	13.067	ppbv	96
37) 1,2-Dichloroethane	3.217	62	222192	13.336	ppbv	97
38) Trichloroethene	4.551	130	135154	11.367	ppbv	91
39) 1,2-Dichloropropane	4.315	63	143700	13.393	ppbv	100
40) 1,4-Dioxane	4.580	88	64177	11.494	ppbv #	79
41) Tetrahydrofuran	3.052	42	168527	14.187	ppbv	96
42) Bromodichloromethane	4.489	83	304101	13.473	ppbv	93
43) Methyl Methacrylate	4.881	69	156100	11.700	ppbv	95
44) 2,2,4-Trimethylpentane	4.638	57	675335	13.593	ppbv	98
45) t-1,3-Dichloropropene	6.415	75	159371	12.654	ppbv	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL022125\
 Data File : VL042034.D
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 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

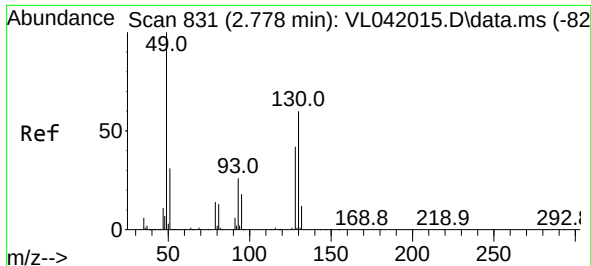
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 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Feb 18 00:13:37 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	5.600	75	203587	12.740	ppbv	99
47) 1,1,2-Trichloroethane	6.583	97	140706	12.460	ppbv	96
48) Dibromochloromethane	7.383	129	226878	11.996	ppbv	99
49) Bromoform	9.484	173	182464	11.762	ppbv	98
50) 4-Methyl-2-Pentanone	5.748	43	413492	12.943	ppbv	99
51) 2-Hexanone	7.431	43	338105	12.940	ppbv #	98
52) Tetrachloroethene	8.221	164	108347	10.614	ppbv	93
53) Toluene	6.930	91	425619	12.204	ppbv	98
54) 1,2-Dibromoethane	7.648	107	190617	12.260	ppbv	99
56) 1,1,1,2-Tetrachloroethane	8.924	131	168690	10.595	ppbv	97
57) Chlorobenzene	8.920	112	299813	11.457	ppbv	97
58) Ethyl Benzene	9.354	91	591042	12.140	ppbv	99
59) m/p-Xylene	9.532	91	449744	11.729	ppbv #	31
60) o-Xylene	9.963	91	451249	11.636	ppbv	100
61) Styrene	9.869	104	220095	11.902	ppbv	98
62) Isopropylbenzene	10.539	105	670608	11.518	ppbv	100
63) 1,1,2,2-Tetrachloroethane	9.963	83	294121	11.755	ppbv	99
64) n-propylbenzene	10.989	120	164222	11.479	ppbv	95
65) tert-Butylbenzene	11.532	119	563735	11.106	ppbv	96
66) Benzyl Chloride	11.613	91	52378	10.295	ppbv	99
67) sec-Butylbenzene	11.769	105	819470	11.494	ppbv	99
69) p-Isopropyltoluene	11.927	119	632532	10.838	ppbv	97
70) n-Butylbenzene	12.283	91	680533	11.838	ppbv	99
71) 2-Chlorotoluene	10.901	91	519116	11.839	ppbv	98
72) 4-Ethyltoluene	11.124	105	530659	11.679	ppbv	99
73) 1,3,5-Trimethylbenzene	11.202	105	448465	11.442	ppbv	97
74) 1,2,4-Trimethylbenzene	11.536	105	470940	11.196	ppbv #	87
75) 1,3-Dichlorobenzene	11.607	146	254094	11.222	ppbv	100
76) 1,4-Dichlorobenzene	11.672	146	250833	11.360	ppbv	98
77) 1,2-Dichlorobenzene	11.947	146	240789	11.125	ppbv	99
78) Hexachloro-1,3-Butadiene	13.882	225	156406	8.734	ppbv	99
79) Naphthalene	13.513	128	378912	9.158	ppbv	100
80) Naphthalene,2-methyl-	14.458	142	124567	6.650	ppbv	98
81) 1,2,4-Trichlorobenzene	13.442	180	160029	9.514	ppbv	99

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

Quant Time: Feb 21 21:49:26 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL021425AIR.M
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QLast Update : Tue Feb 18 00:13:37 2025
Response via : Initial Calibration

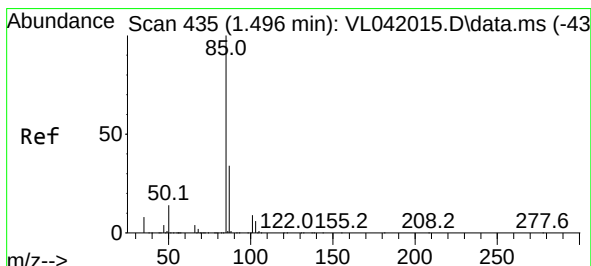
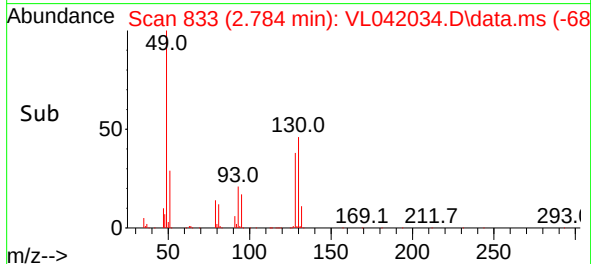
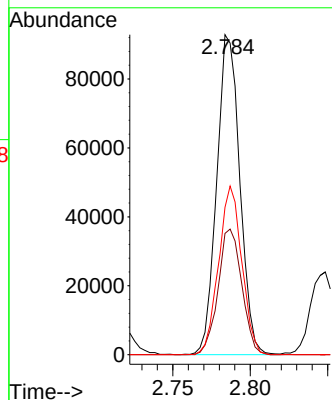
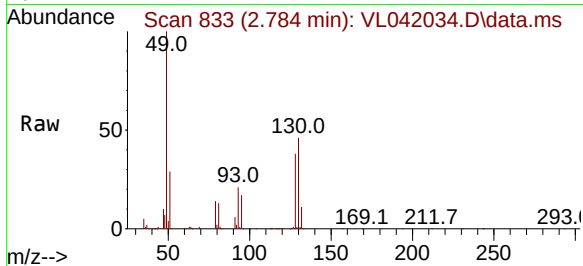




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.784 min Scan# 831
Delta R.T. -0.016 min
Lab File: VL042034.D
Acq: 21 Feb 2025 10:23

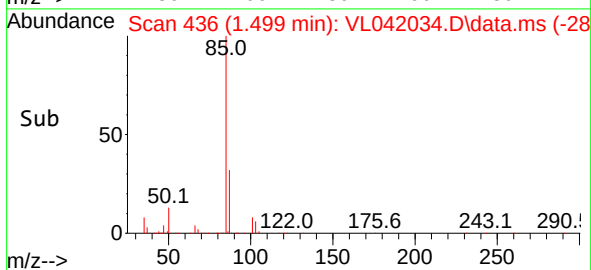
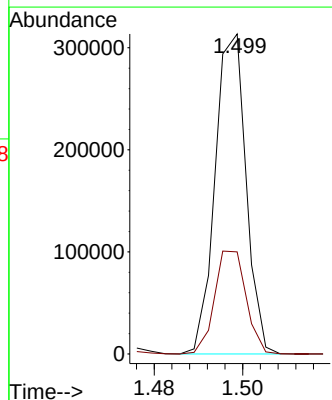
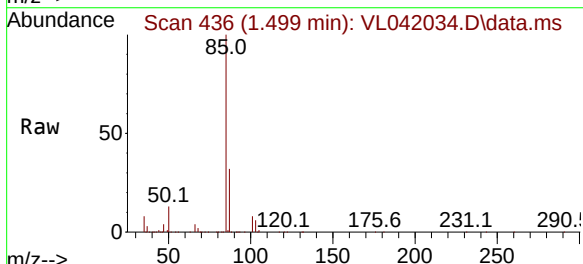
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

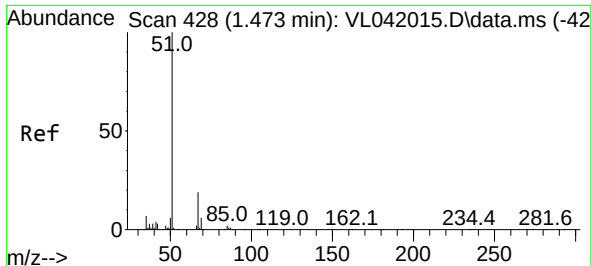
Tgt Ion: 49 Resp: 96177
Ion Ratio Lower Upper
49 100
128 40.3 22.7 68.0
130 52.9 29.9 89.8



#2
Dichlorodifluoromethane
Concen: 9.190 ppbv
RT: 1.499 min Scan# 436
Delta R.T. -0.003 min
Lab File: VL042034.D
Acq: 21 Feb 2025 10:23

Tgt Ion: 85 Resp: 152160
Ion Ratio Lower Upper
85 100
87 31.9 26.9 40.3

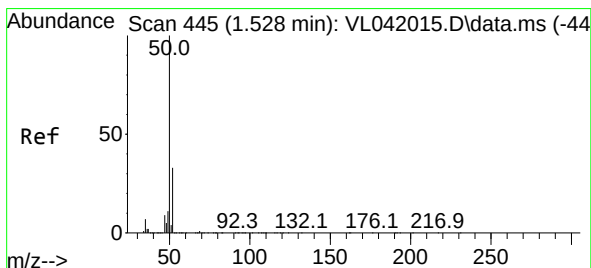
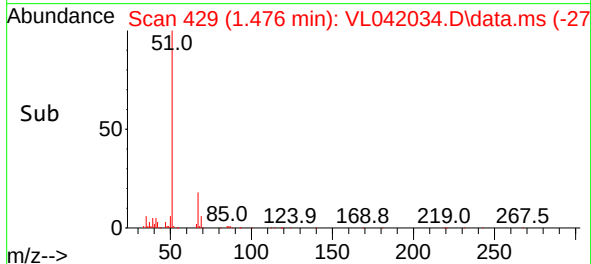
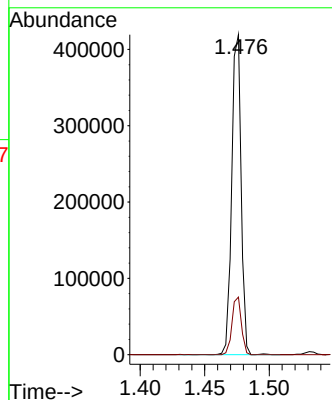
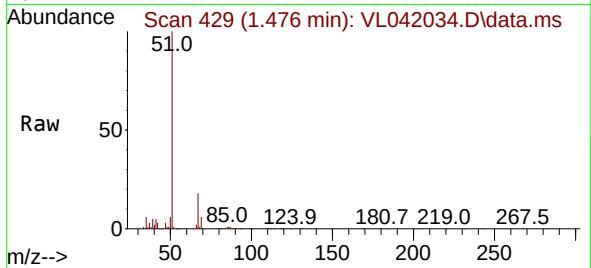




#3
Chlorodifluoromethane
Concen: 11.579 ppbv
RT: 1.476 min Scan# 41
Delta R.T. -0.003 min
Lab File: VL042034.D
Acq: 21 Feb 2025 10:23

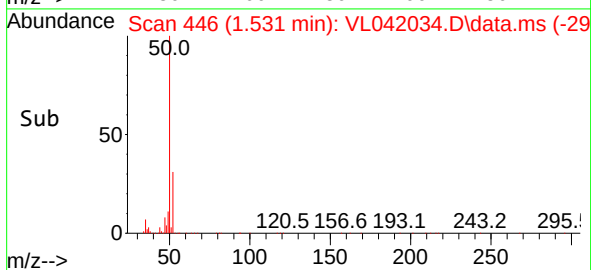
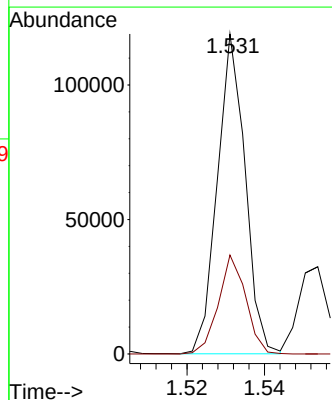
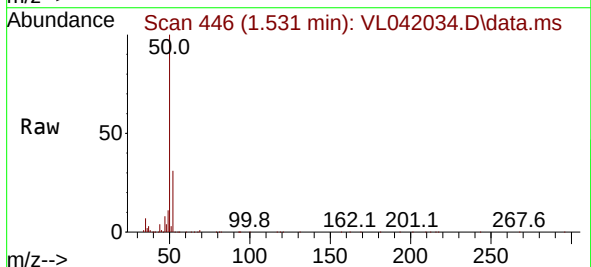
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MSVOA_L
ClientSampleId :
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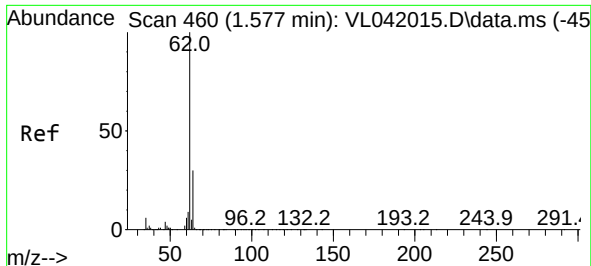
Tgt Ion: 51 Resp: 211930
Ion Ratio Lower Upper
51 100
67 18.0 15.0 22.6



#4
Chloromethane
Concen: 9.188 ppbv
RT: 1.531 min Scan# 446
Delta R.T. -0.006 min
Lab File: VL042034.D
Acq: 21 Feb 2025 10:23

Tgt Ion: 50 Resp: 59114
Ion Ratio Lower Upper
50 100
52 30.9 26.2 39.2

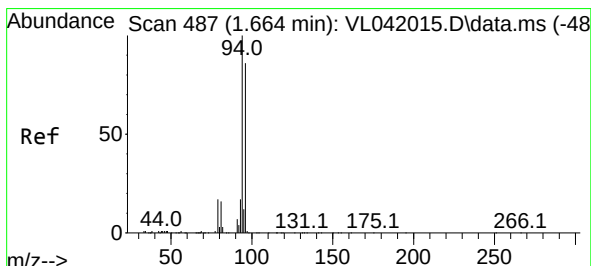
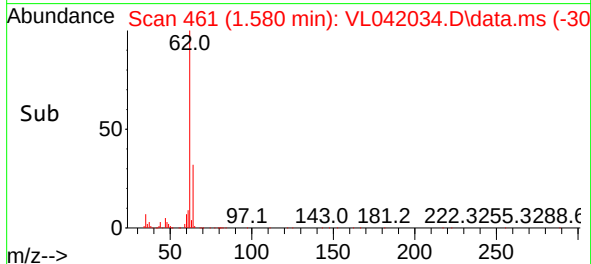
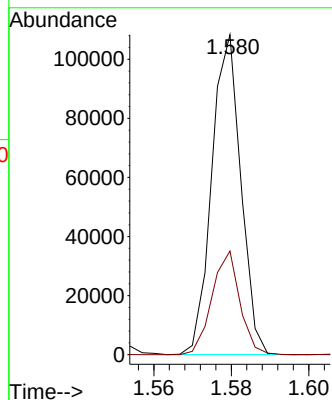
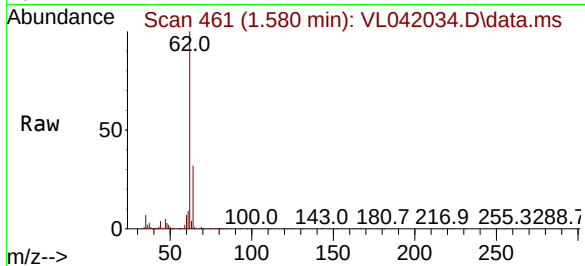




#5
 Vinyl Chloride
 Concen: 7.327 ppbv
 RT: 1.580 min Scan# 461
 Delta R.T. -0.006 min
 Lab File: VL042034.D
 Acq: 21 Feb 2025 10:23

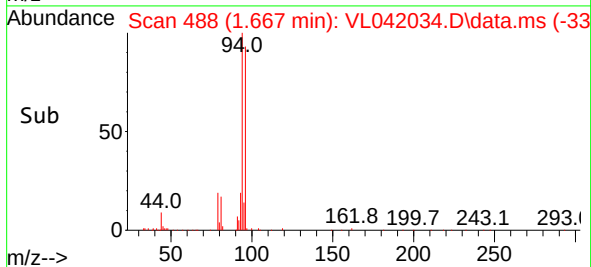
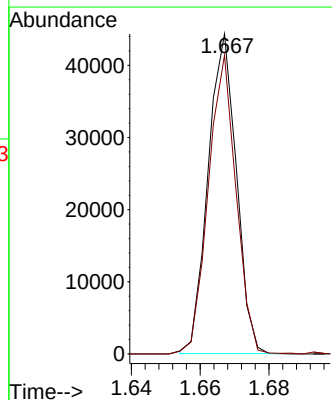
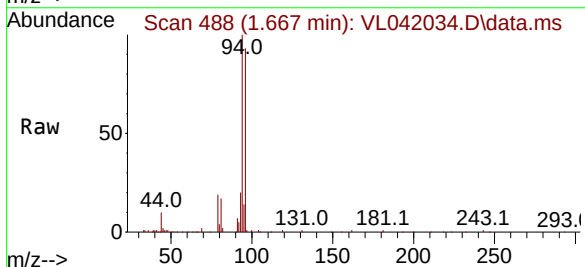
Instrument :
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 ClientSampleId :
 VSTDCCC010

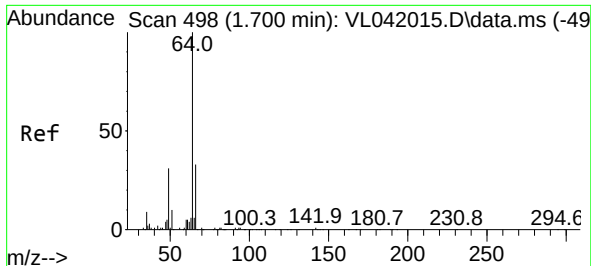
Tgt Ion: 62 Resp: 56373
 Ion Ratio Lower Upper
 62 100
 64 32.4 24.4 36.6



#6
 Bromomethane
 Concen: 8.466 ppbv
 RT: 1.667 min Scan# 488
 Delta R.T. -0.006 min
 Lab File: VL042034.D
 Acq: 21 Feb 2025 10:23

Tgt Ion: 94 Resp: 25249
 Ion Ratio Lower Upper
 94 100
 96 93.3 69.0 103.6

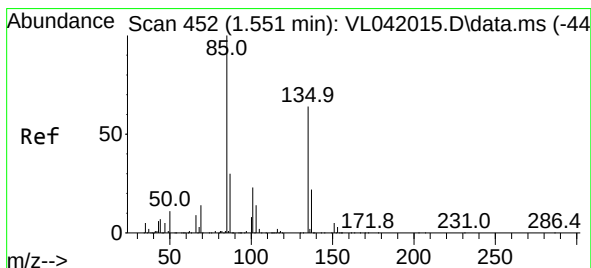
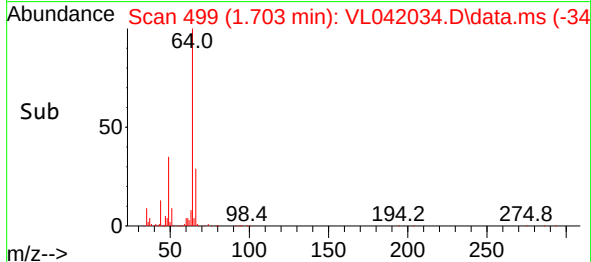
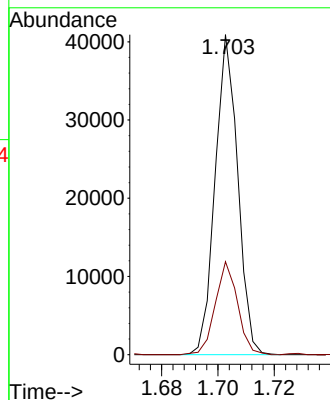
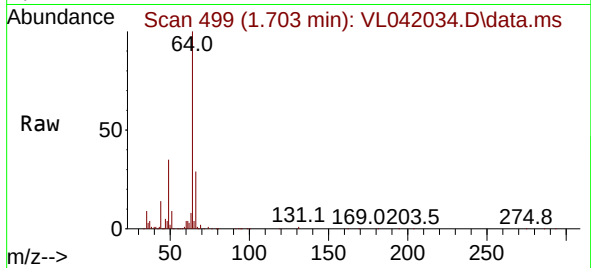




#7
Chloroethane
Concen: 9.063 ppbv
RT: 1.703 min Scan# 499
Delta R.T. -0.006 min
Lab File: VL042034.D
Acq: 21 Feb 2025 10:23

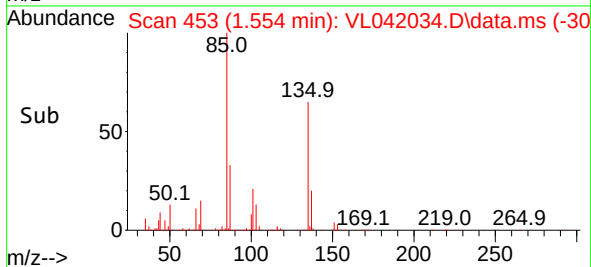
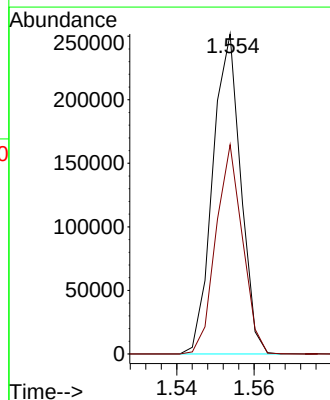
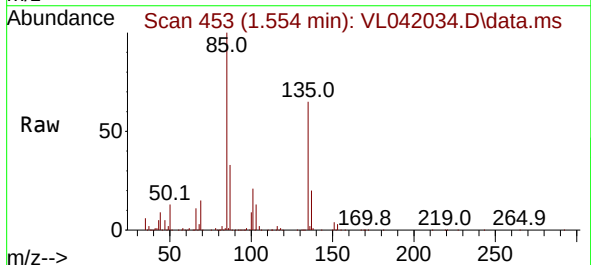
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ClientSampleId :
VSTDCCC010

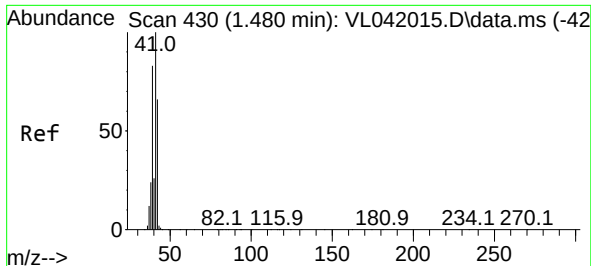
Tgt Ion: 64 Resp: 22725
Ion Ratio Lower Upper
64 100
66 29.1 26.5 39.7



#8
Dichlorotetrafluoroethane
Concen: 8.676 ppbv
RT: 1.554 min Scan# 453
Delta R.T. -0.006 min
Lab File: VL042034.D
Acq: 21 Feb 2025 10:23

Tgt Ion: 85 Resp: 126367
Ion Ratio Lower Upper
85 100
135 62.2 50.9 76.3





#9

Propene

Concen: 10.690 ppbv

RT: 1.483 min Scan# 41

Delta R.T. -0.006 min

Lab File: VL042034.D

Acq: 21 Feb 2025 10:23

Instrument :

MSVOA_1

ClientSampleId :

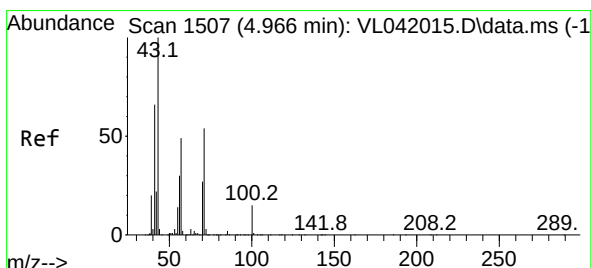
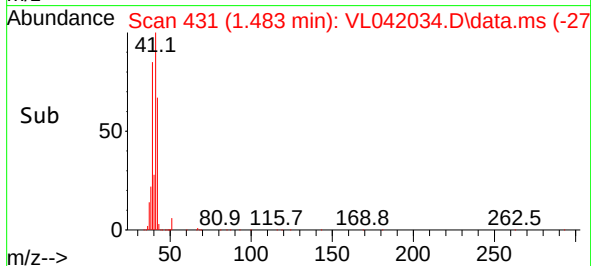
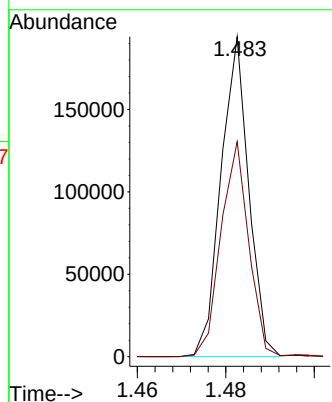
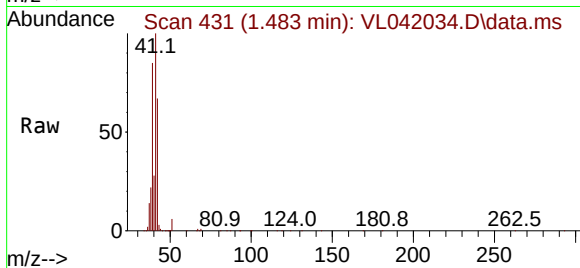
VSTDCCC010

Tgt Ion: 41 Resp: 84353

Ion Ratio Lower Upper

41 100

42 68.1 53.5 80.3



#10

Heptane

Concen: 11.356 ppbv

RT: 4.975 min Scan# 1510

Delta R.T. -0.029 min

Lab File: VL042034.D

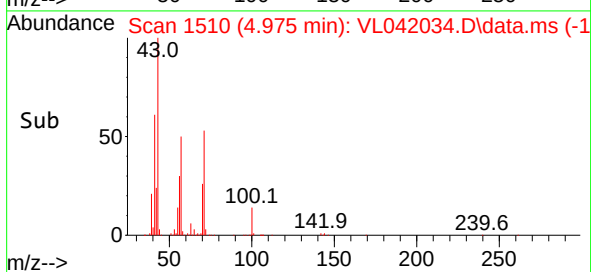
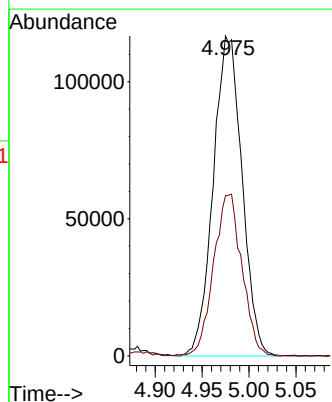
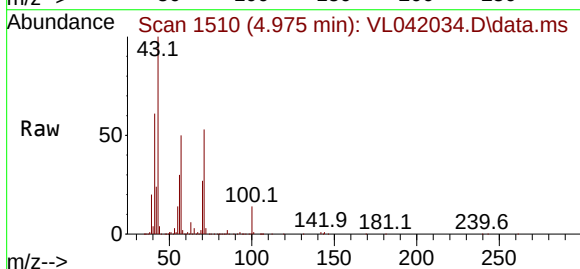
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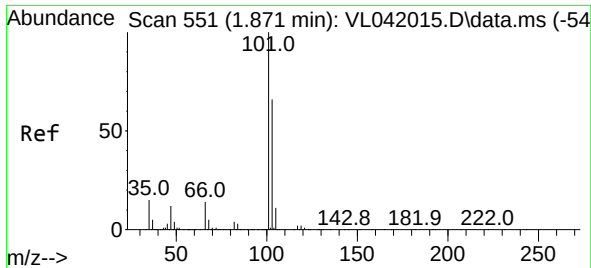
Tgt Ion: 43 Resp: 248846

Ion Ratio Lower Upper

43 100

57 49.7 41.0 61.6

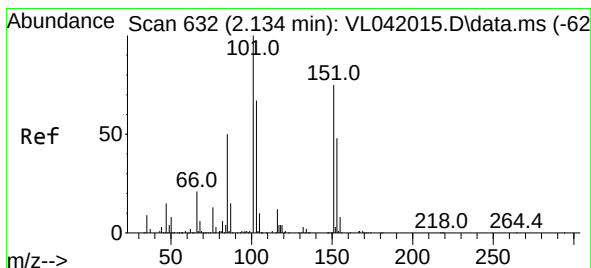
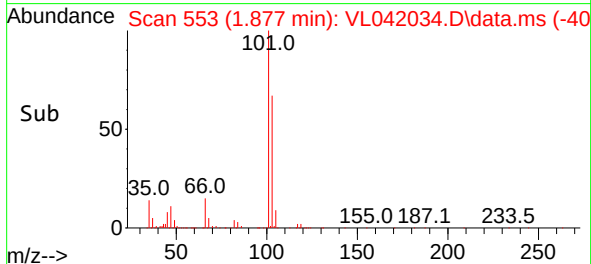
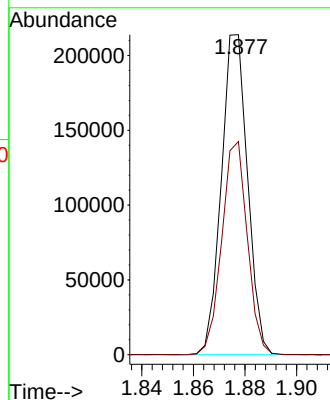
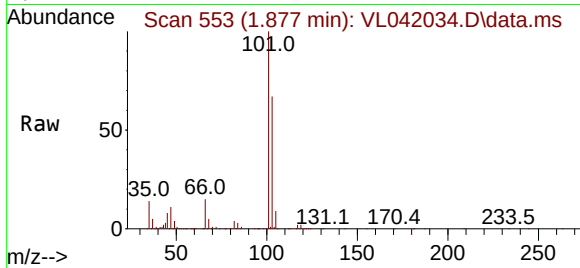




#11
 Trichlorofluoromethane
 Concen: 9.091 ppbv
 RT: 1.877 min Scan# 511
 Delta R.T. -0.006 min
 Lab File: VL042034.D
 Acq: 21 Feb 2025 10:23

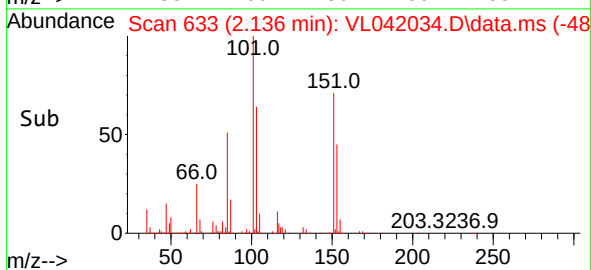
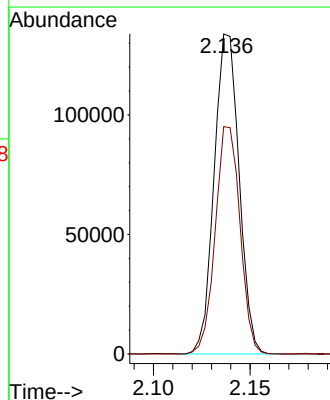
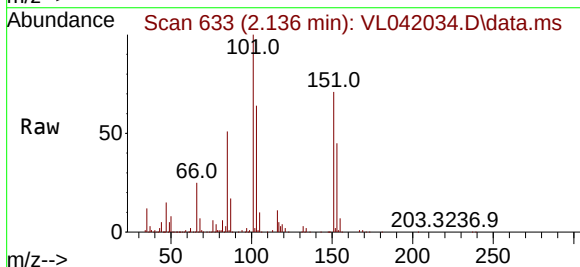
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

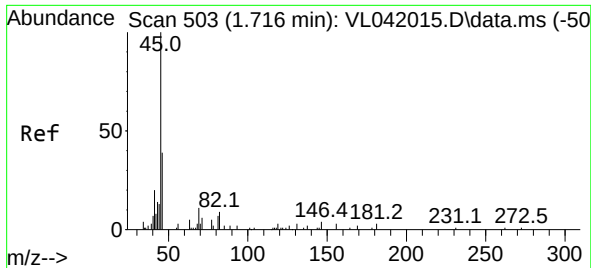
Tgt Ion:101 Resp: 151480
 Ion Ratio Lower Upper
 101 100
 103 66.6 52.9 79.3



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 9.233 ppbv
 RT: 2.136 min Scan# 633
 Delta R.T. -0.013 min
 Lab File: VL042034.D
 Acq: 21 Feb 2025 10:23

Tgt Ion:101 Resp: 119966
 Ion Ratio Lower Upper
 101 100
 151 70.4 58.2 87.2

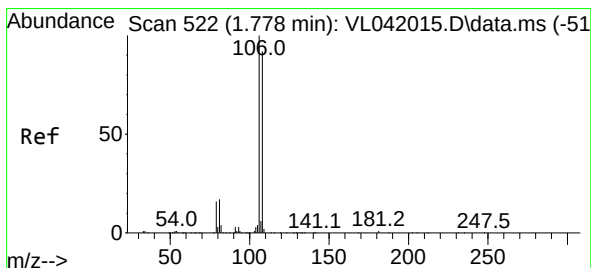
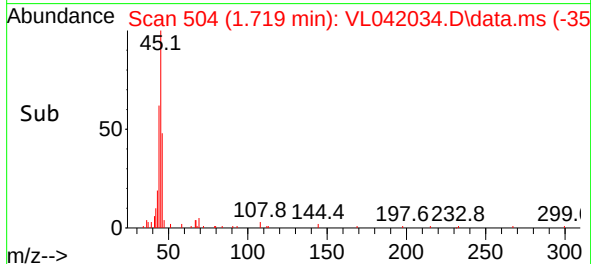
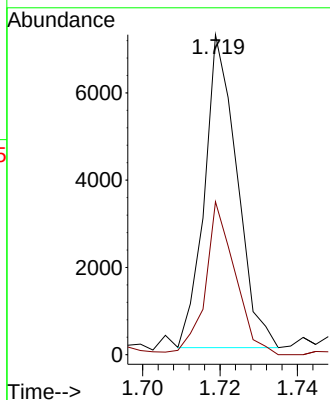
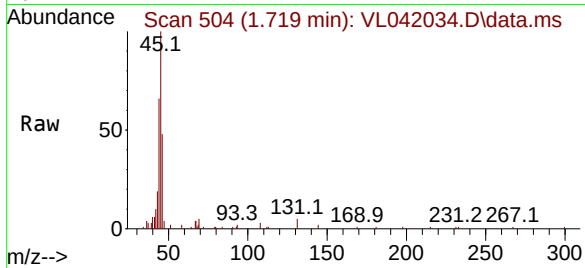




#13
Ethanol
Concen: 4.698 ppbv
RT: 1.719 min Scan# 50
Delta R.T. -0.010 min
Lab File: VL042034.D
Acq: 21 Feb 2025 10:23

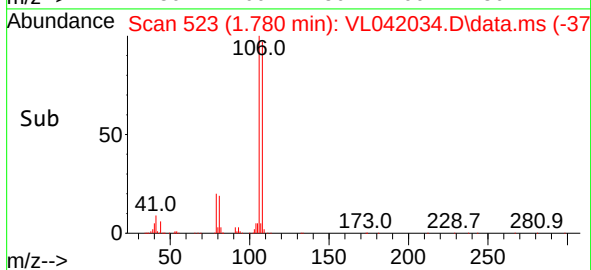
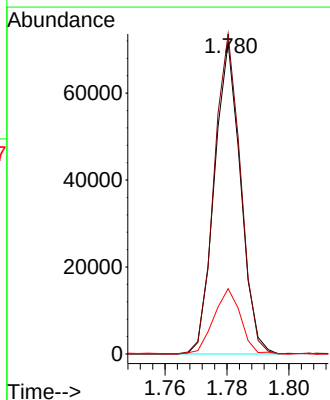
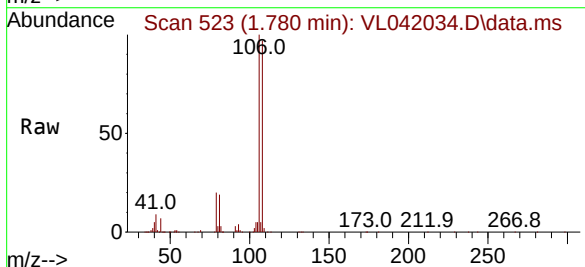
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

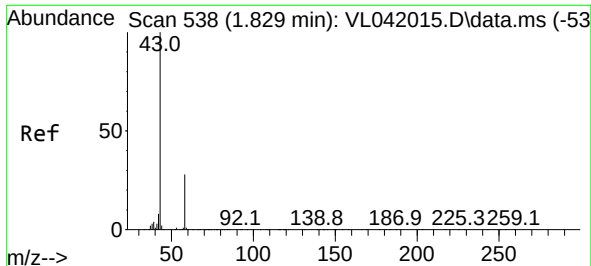
Tgt Ion: 45 Resp: 4181
Ion Ratio Lower Upper
45 100
46 47.0 21.3 85.1



#14
Bromoethene
Concen: 8.671 ppbv
RT: 1.780 min Scan# 523
Delta R.T. -0.006 min
Lab File: VL042034.D
Acq: 21 Feb 2025 10:23

Tgt Ion: 108 Resp: 42074
Ion Ratio Lower Upper
108 100
106 103.2 85.0 127.6
79 22.1 17.3 25.9

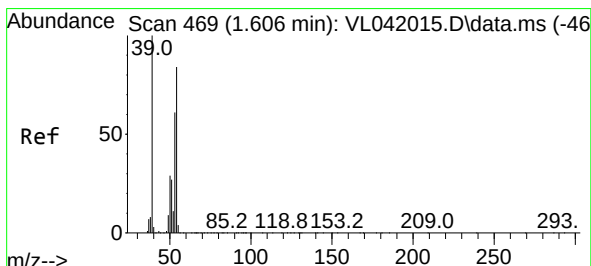
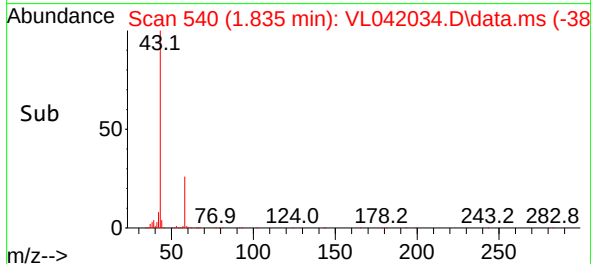
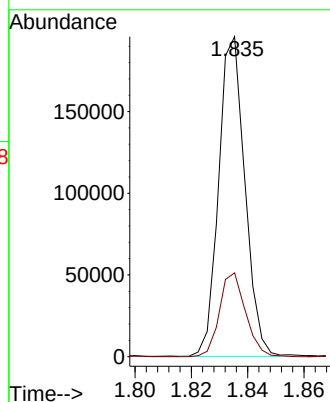
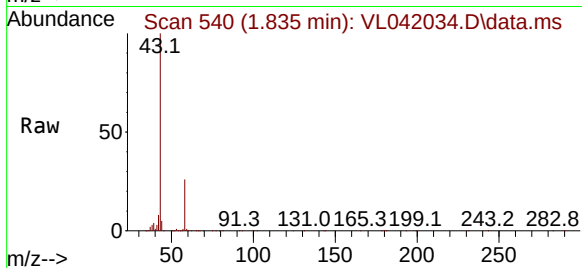




#15
Acetone
Concen: 7.974 ppbv
RT: 1.835 min Scan# 54
Delta R.T. -0.006 min
Lab File: VL042034.D
Acq: 21 Feb 2025 10:23

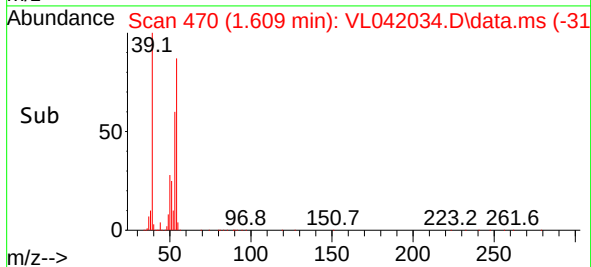
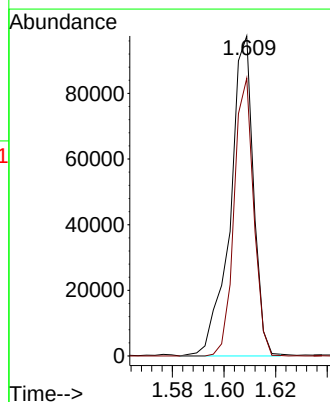
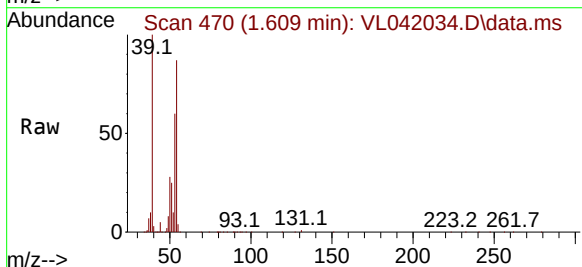
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

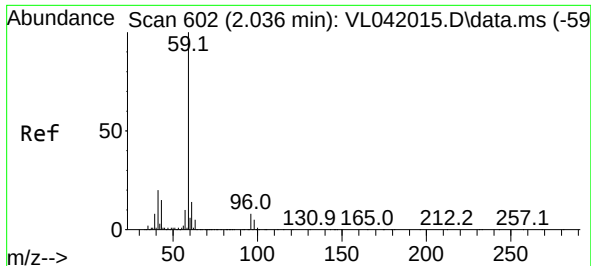
Tgt Ion: 43 Resp: 126580
Ion Ratio Lower Upper
43 100
58 26.2 22.9 34.3



#16
1,3-Butadiene
Concen: 8.137 ppbv
RT: 1.609 min Scan# 470
Delta R.T. -0.006 min
Lab File: VL042034.D
Acq: 21 Feb 2025 10:23

Tgt Ion: 39 Resp: 61275
Ion Ratio Lower Upper
39 100
54 72.9 59.4 89.2





#17

tert-Butyl alcohol

Concen: 8.419 ppbv

RT: 2.039 min Scan# 601

Delta R.T. -0.010 min

Lab File: VL042034.D

Acq: 21 Feb 2025 10:23

Instrument :

MSVOA_L

ClientSampleId :

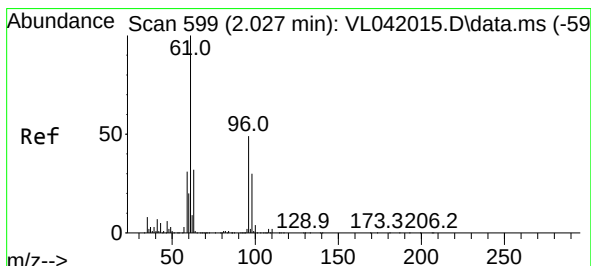
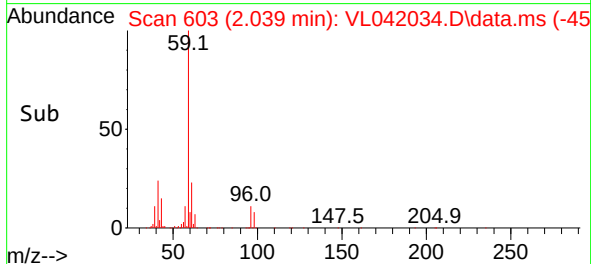
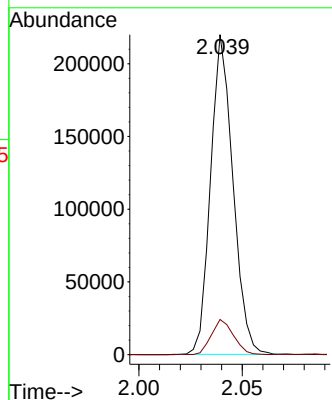
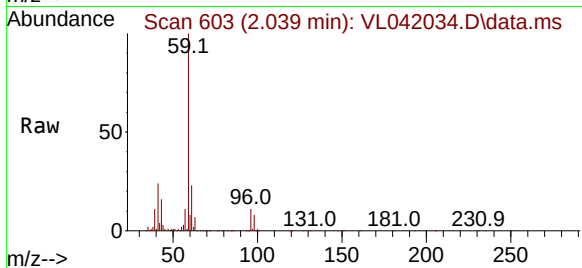
VSTDCCC010

Tgt Ion: 59 Resp: 165367

Ion Ratio Lower Upper

59 100

57 11.0 9.2 13.8



#18

1,1-Dichloroethene

Concen: 8.311 ppbv

RT: 2.033 min Scan# 601

Delta R.T. -0.010 min

Lab File: VL042034.D

Acq: 21 Feb 2025 10:23

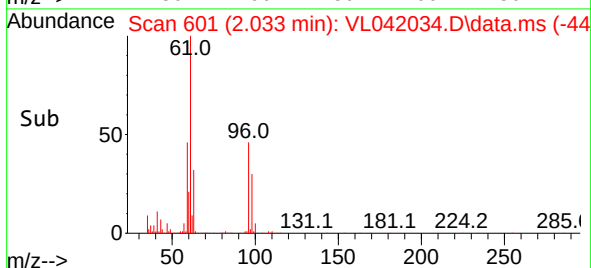
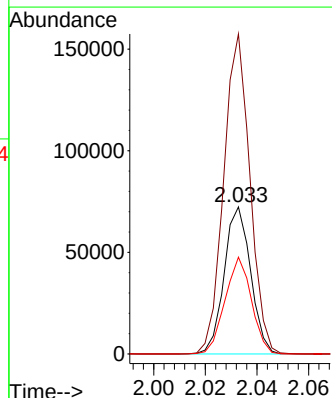
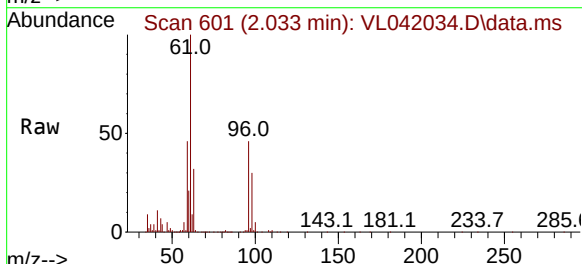
Tgt Ion: 96 Resp: 51607

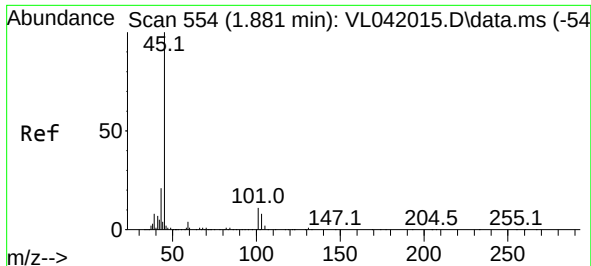
Ion Ratio Lower Upper

96 100

61 217.6 163.5 245.3

98 65.8 49.4 74.0

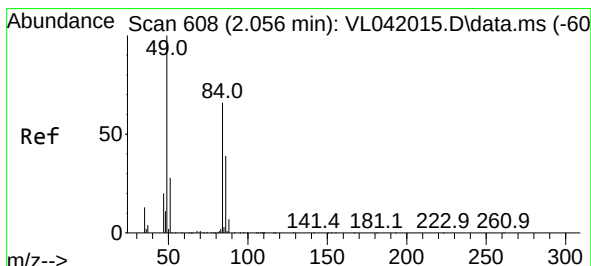
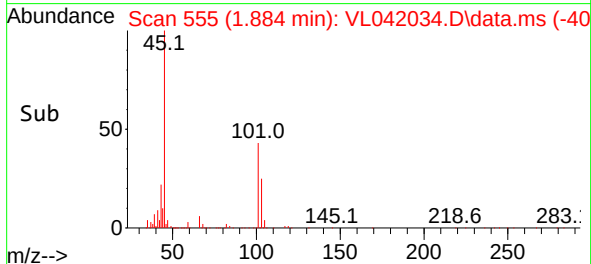
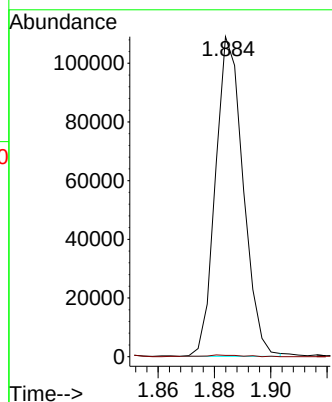
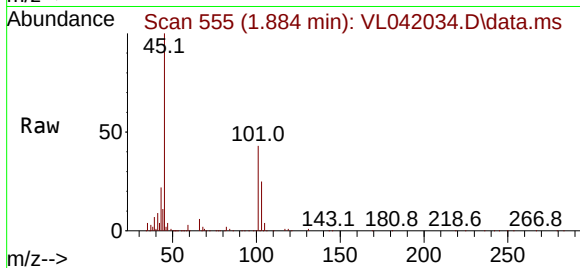




#19
Isopropyl Alcohol
Concen: 8.358 ppbv
RT: 1.884 min Scan# 51
Delta R.T. -0.010 min
Lab File: VL042034.D
Acq: 21 Feb 2025 10:23

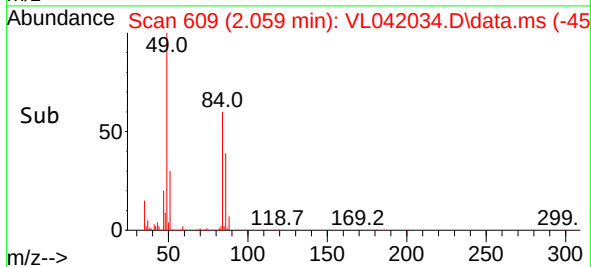
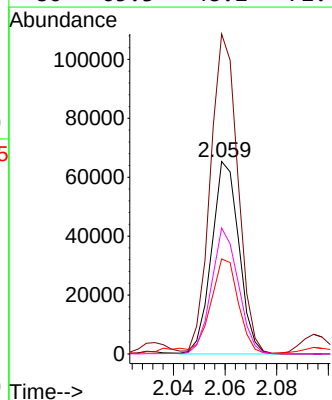
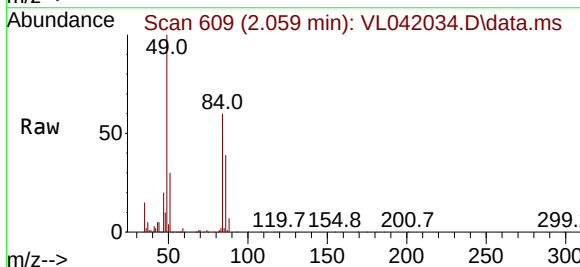
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

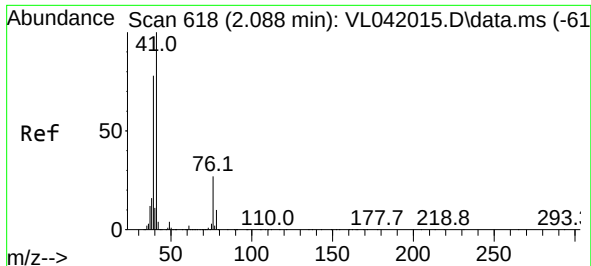
Tgt Ion: 45 Resp: 74397
Ion Ratio Lower Upper
45 100
58 44.6 36.2 54.4



#20
Methylene Chloride
Concen: 8.034 ppbv
RT: 2.059 min Scan# 609
Delta R.T. -0.010 min
Lab File: VL042034.D
Acq: 21 Feb 2025 10:23

Tgt Ion: 84 Resp: 48010
Ion Ratio Lower Upper
84 100
49 165.8 121.0 181.4
51 48.8 35.1 52.7
86 65.3 48.2 72.4

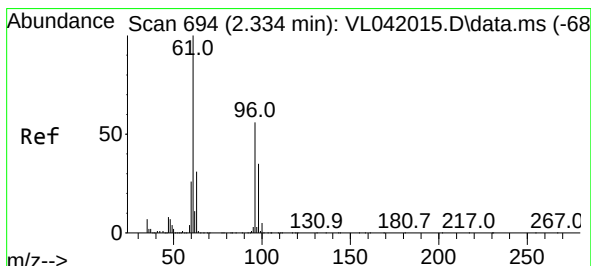
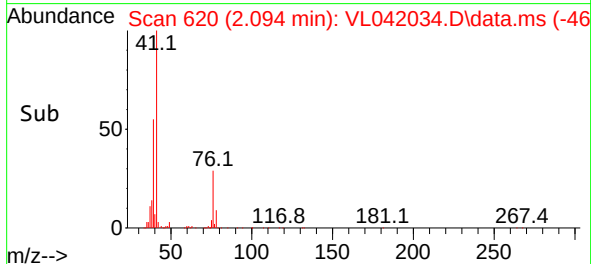
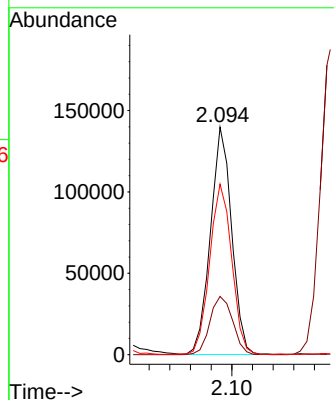
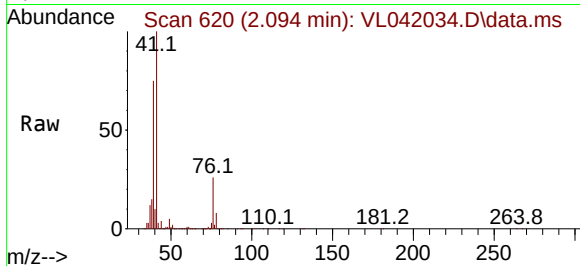




#21
 Allyl Chloride
 Concen: 8.669 ppbv
 RT: 2.094 min Scan# 618
 Delta R.T. -0.010 min
 Lab File: VL042034.D
 Acq: 21 Feb 2025 10:23

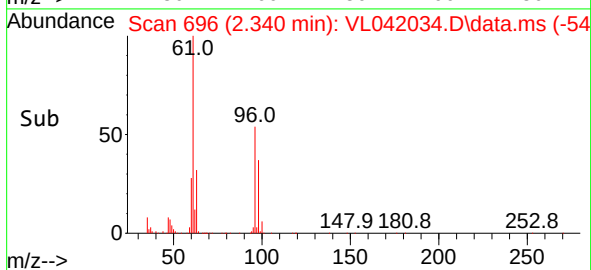
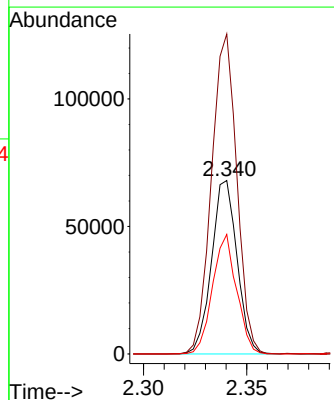
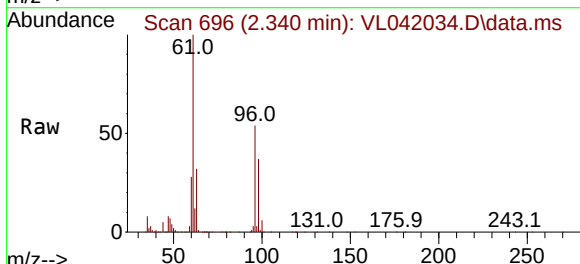
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

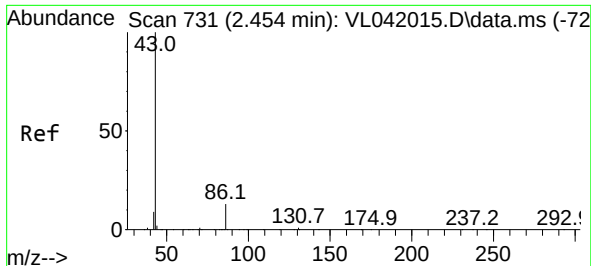
Tgt Ion: 41 Resp: 99632
 Ion Ratio Lower Upper
 41 100
 76 27.4 23.7 35.5
 39 77.7 63.0 94.6



#22
 trans-1,2-Dichloroethene
 Concen: 8.667 ppbv
 RT: 2.340 min Scan# 696
 Delta R.T. -0.010 min
 Lab File: VL042034.D
 Acq: 21 Feb 2025 10:23

Tgt Ion: 96 Resp: 58399
 Ion Ratio Lower Upper
 96 100
 61 184.5 142.3 213.5
 98 68.9 50.2 75.2

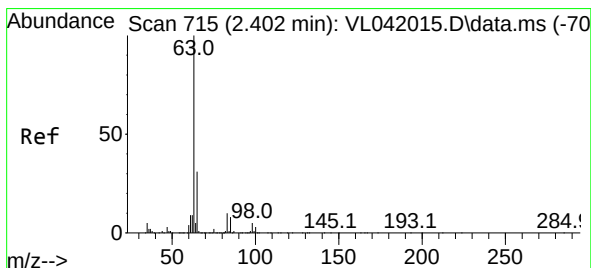
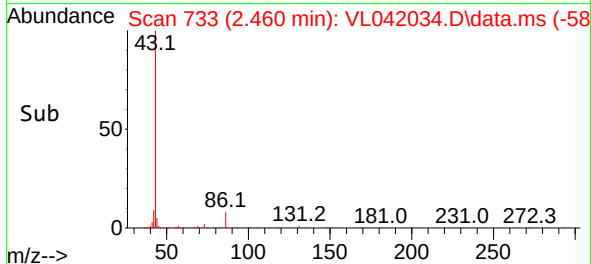
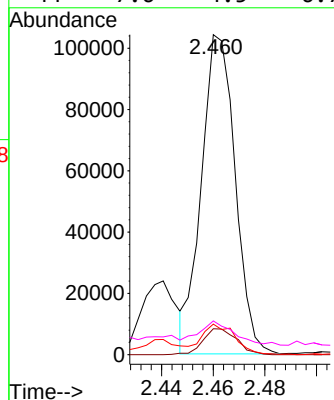
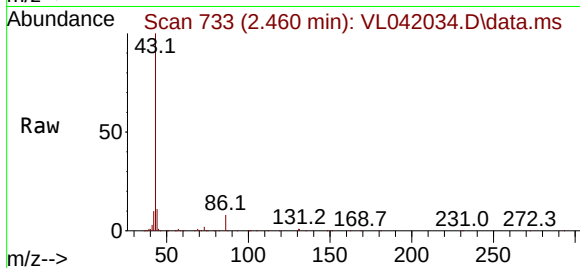




#23
 Vinyl Acetate
 Concen: 11.001 ppbv
 RT: 2.460 min Scan# 717
 Delta R.T. -0.013 min
 Lab File: VL042034.D
 Acq: 21 Feb 2025 10:23

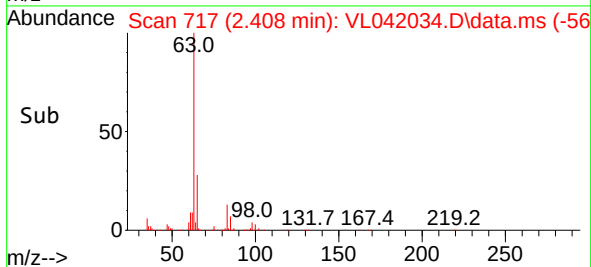
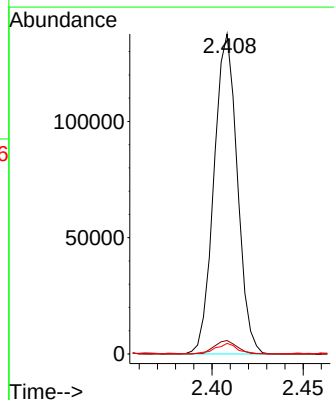
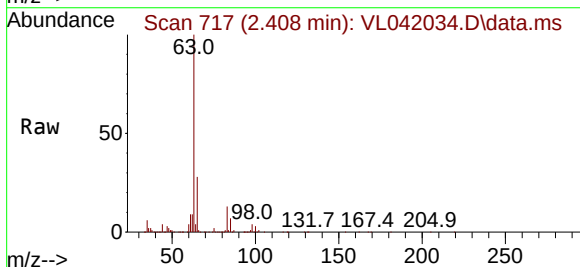
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDCCC010

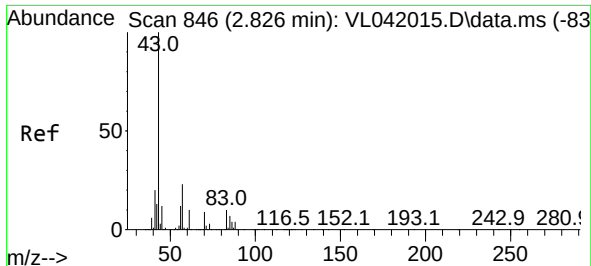
Tgt Ion:	43	Resp:	94565
Ion	Ratio	Lower	Upper
43	100		
86	8.1	8.1	12.1
42	9.4	7.5	11.3
44	7.6	4.5	6.7



#24
 1,1-Dichloroethane
 Concen: 8.934 ppbv
 RT: 2.408 min Scan# 717
 Delta R.T. -0.010 min
 Lab File: VL042034.D
 Acq: 21 Feb 2025 10:23

Tgt Ion:	63	Resp:	122220
Ion	Ratio	Lower	Upper
63	100		
98	4.2	2.4	7.2
100	3.2	1.6	4.8

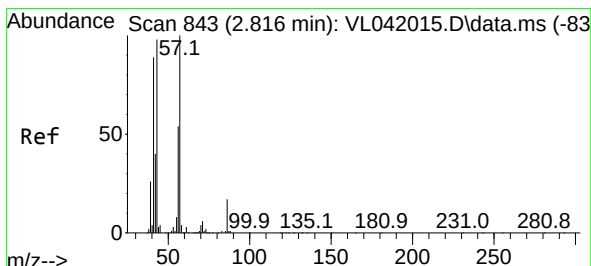
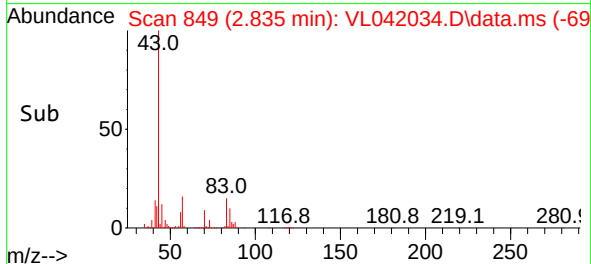
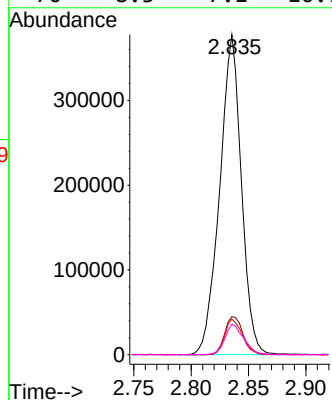
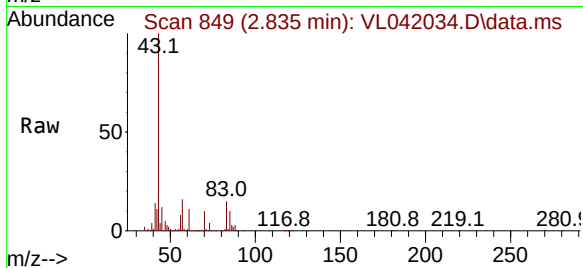




#25
Ethyl Acetate
Concen: 11.389 ppbv
RT: 2.835 min Scan# 84
Delta R.T. -0.013 min
Lab File: VL042034.D
Acq: 21 Feb 2025 10:23

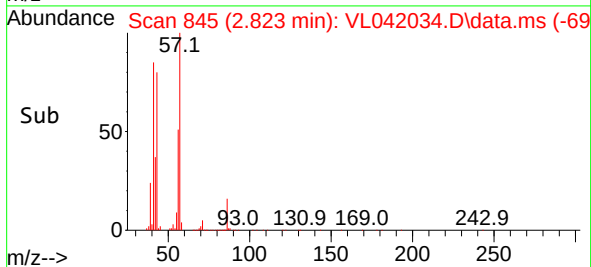
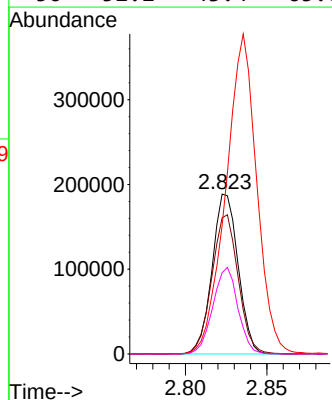
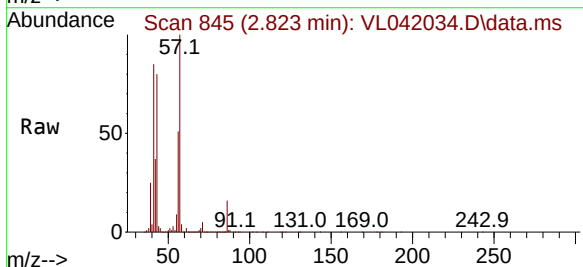
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

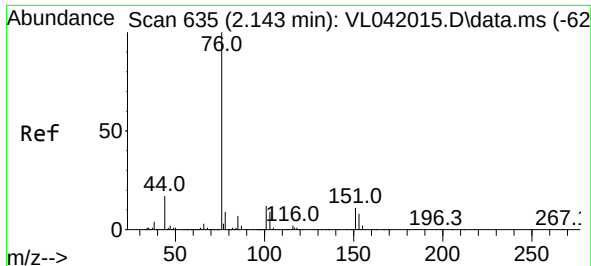
Tgt Ion: 43 Resp: 496239
Ion Ratio Lower Upper
43 100
45 10.1 8.1 12.1
61 9.0 7.5 11.3
70 8.3 7.1 10.7



#26
Hexane
Concen: 11.930 ppbv
RT: 2.823 min Scan# 845
Delta R.T. -0.016 min
Lab File: VL042034.D
Acq: 21 Feb 2025 10:23

Tgt Ion: 57 Resp: 208594
Ion Ratio Lower Upper
57 100
41 88.8 73.2 109.8
43 238.5 200.8 301.2
56 52.2 43.4 65.0

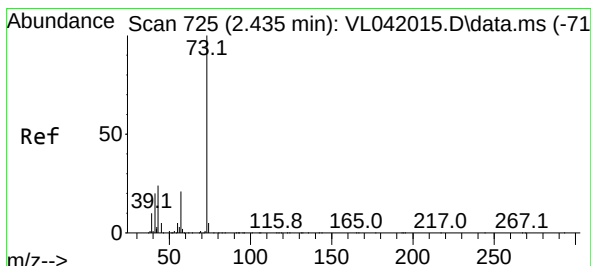
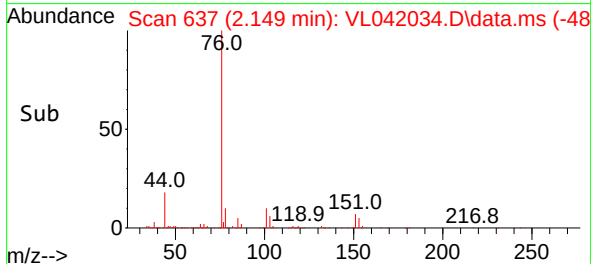
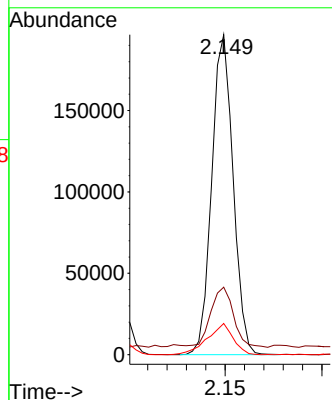
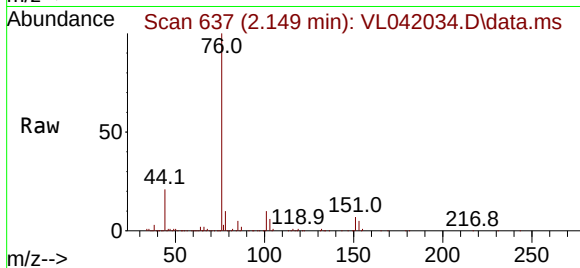




#27
Carbon Disulfide
Concen: 9.164 ppbv
RT: 2.149 min Scan# 61
Delta R.T. -0.010 min
Lab File: VL042034.D
Acq: 21 Feb 2025 10:23

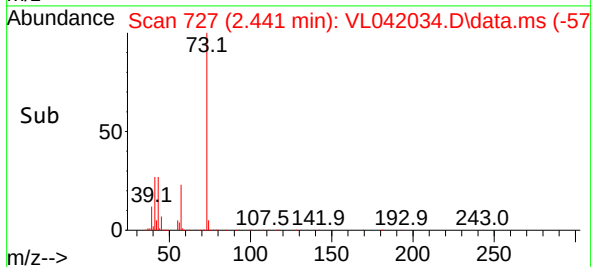
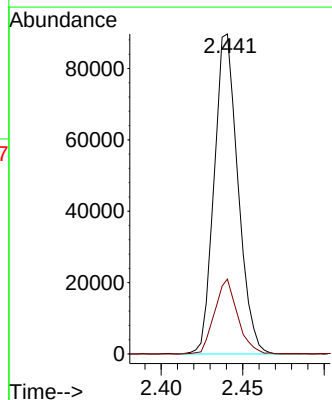
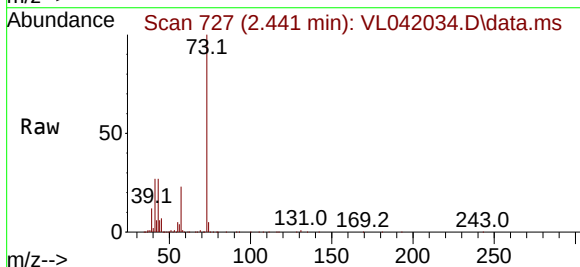
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

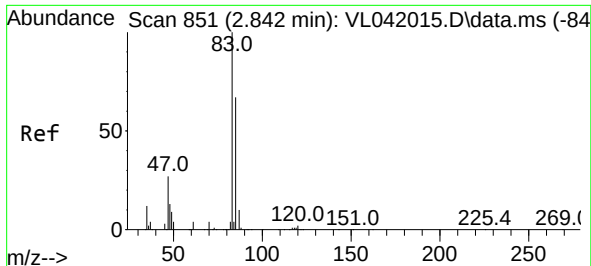
Tgt Ion: 76 Resp: 150702
Ion Ratio Lower Upper
76 100
44 23.9 18.1 27.1
78 11.7 9.5 14.3



#28
Methyl tert-Butyl Ether
Concen: 8.528 ppbv
RT: 2.441 min Scan# 727
Delta R.T. -0.013 min
Lab File: VL042034.D
Acq: 21 Feb 2025 10:23

Tgt Ion: 73 Resp: 91146
Ion Ratio Lower Upper
73 100
57 22.9 18.3 27.5





#29

Chloroform

Concen: 10.753 ppbv

RT: 2.845 min Scan# 81

Delta R.T. -0.016 min

Lab File: VL042034.D

Acq: 21 Feb 2025 10:23

Instrument :

MSVOA_L

ClientSampleId :

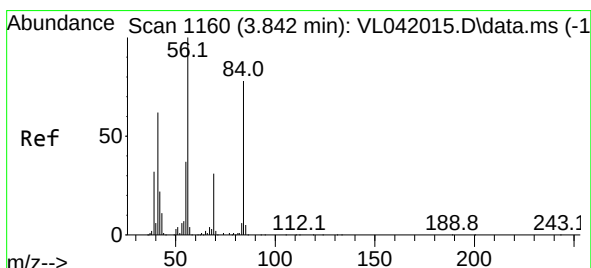
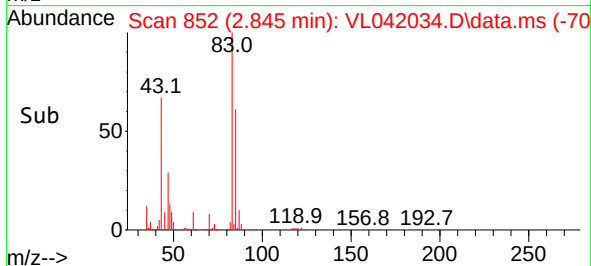
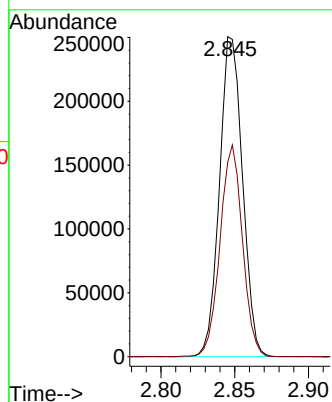
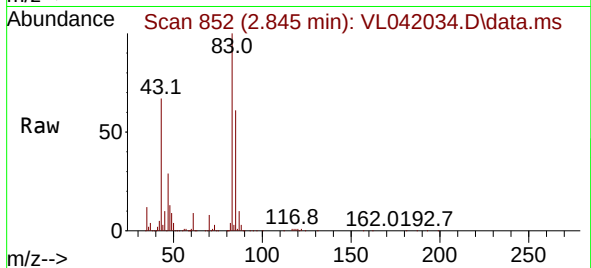
VSTDCCC010

Tgt Ion: 83 Resp: 272319

Ion Ratio Lower Upper

83 100

85 60.8 53.8 80.6



#30

Cyclohexane

Concen: 11.537 ppbv

RT: 3.855 min Scan# 1164

Delta R.T. -0.019 min

Lab File: VL042034.D

Acq: 21 Feb 2025 10:23

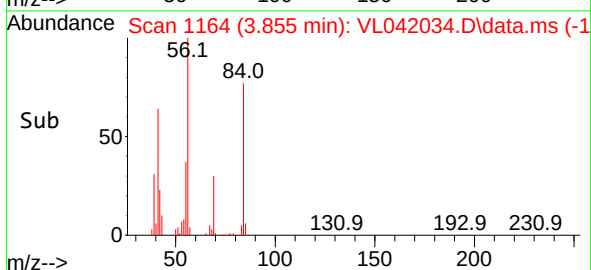
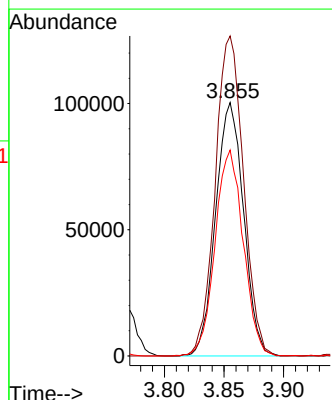
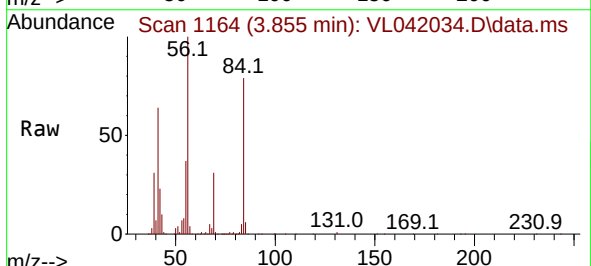
Tgt Ion: 84 Resp: 163645

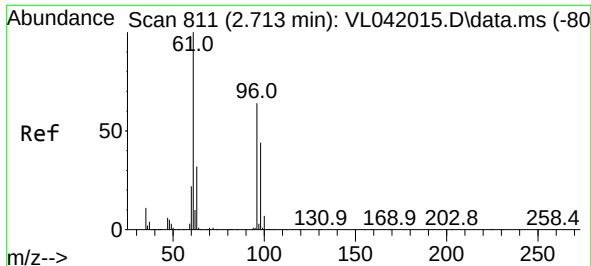
Ion Ratio Lower Upper

84 100

56 127.8 99.5 149.3

41 82.1 62.2 93.2

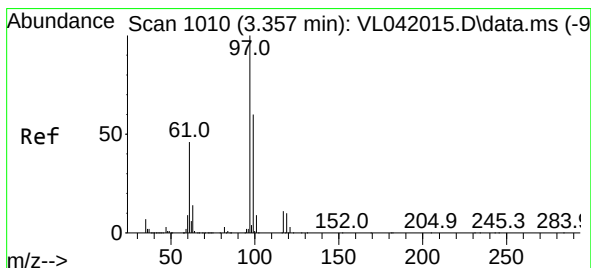
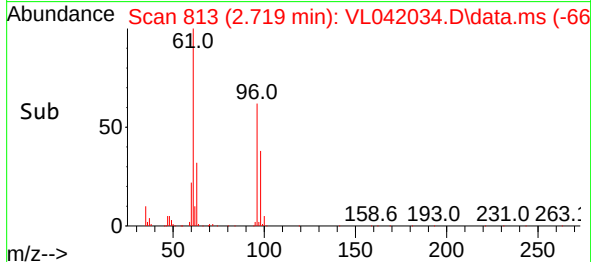
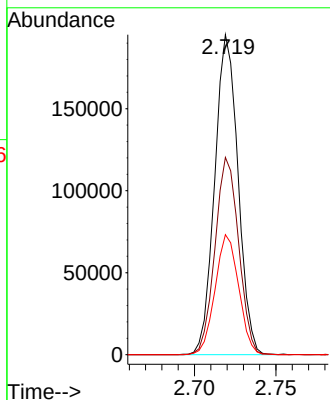
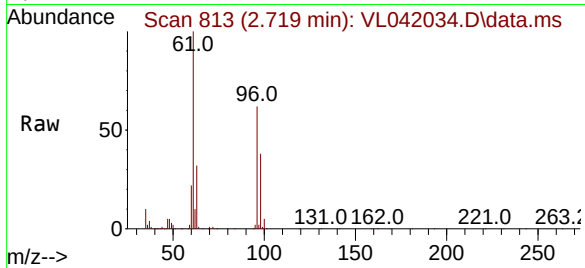




#31
 cis-1,2-Dichloroethene
 Concen: 11.227 ppbv
 RT: 2.719 min Scan# 811
 Delta R.T. -0.013 min
 Lab File: VL042034.D
 Acq: 21 Feb 2025 10:23

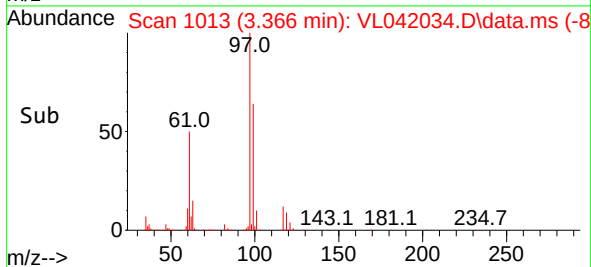
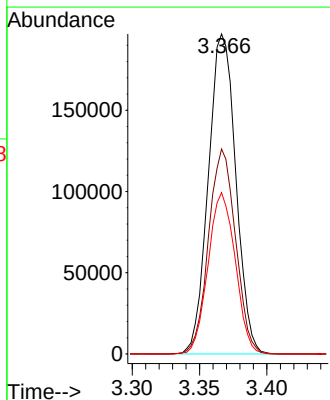
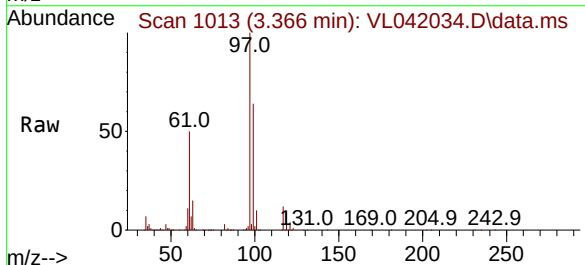
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

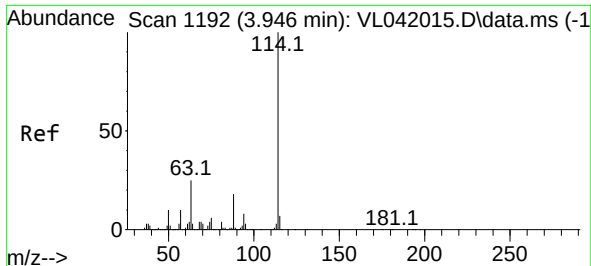
Tgt Ion: 61 Resp: 194010
 Ion Ratio Lower Upper
 61 100
 96 61.6 51.6 77.4
 98 37.5 34.8 52.2



#32
 1,1,1-Trichloroethane
 Concen: 9.946 ppbv
 RT: 3.366 min Scan# 1013
 Delta R.T. -0.016 min
 Lab File: VL042034.D
 Acq: 21 Feb 2025 10:23

Tgt Ion: 97 Resp: 279320
 Ion Ratio Lower Upper
 97 100
 99 63.0 51.0 76.4
 61 49.9 37.9 56.9





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.955 min Scan# 1195

Delta R.T. -0.023 min

Lab File: VL042034.D

Acq: 21 Feb 2025 10:23

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

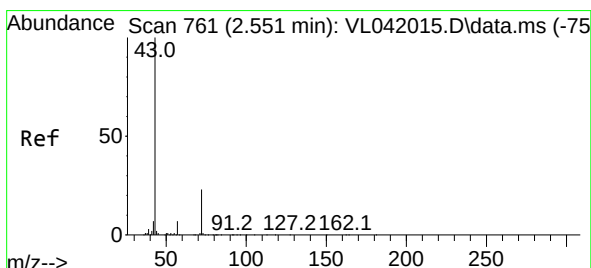
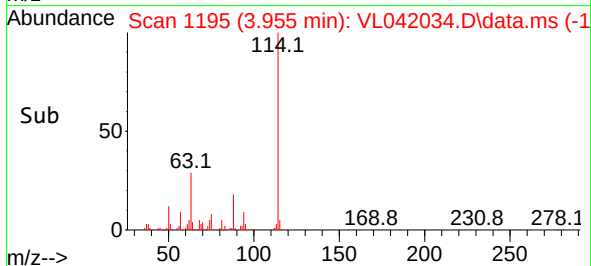
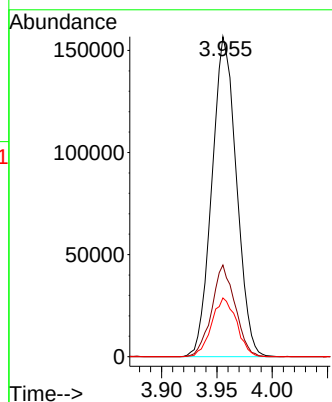
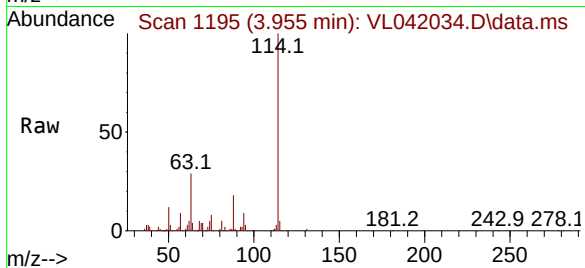
Tgt Ion:114 Resp: 241609

Ion Ratio Lower Upper

114 100

63 27.3 20.2 30.2

88 18.7 14.4 21.6



#34

2-Butanone

Concen: 13.832 ppbv

RT: 2.557 min Scan# 763

Delta R.T. -0.013 min

Lab File: VL042034.D

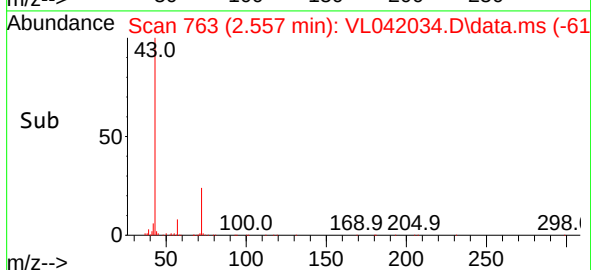
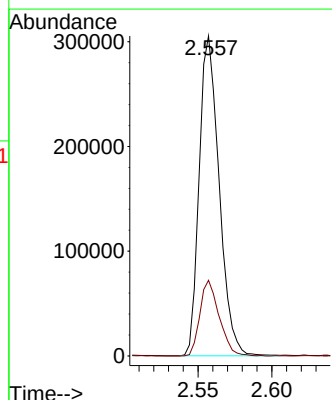
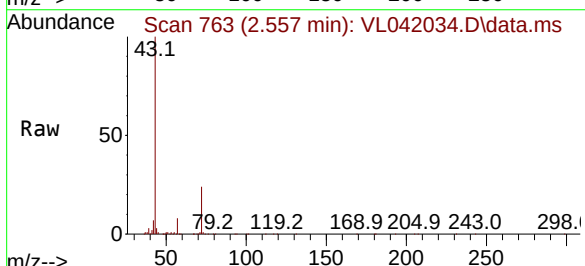
Acq: 21 Feb 2025 10:23

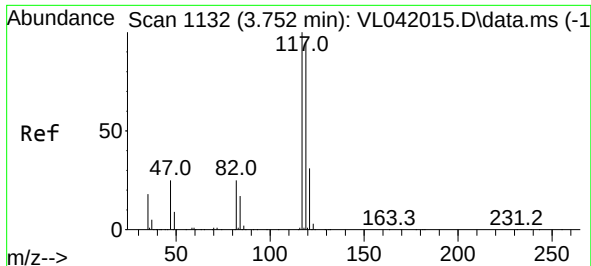
Tgt Ion: 43 Resp: 287518

Ion Ratio Lower Upper

43 100

72 22.9 18.3 27.5

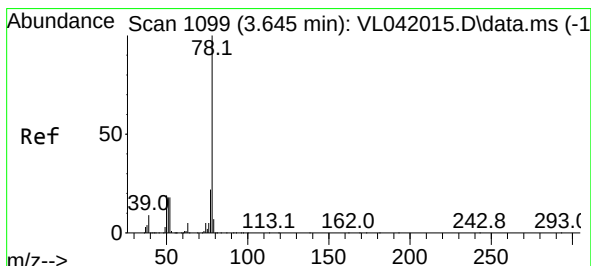
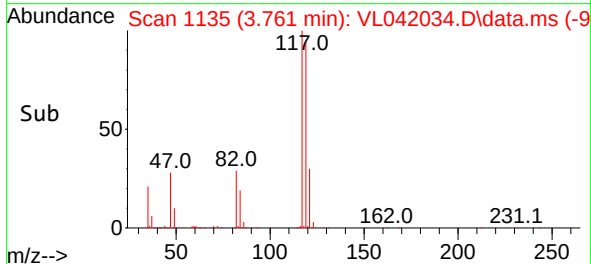
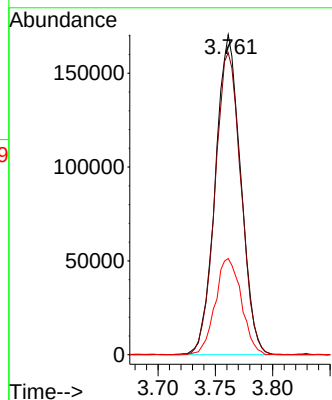
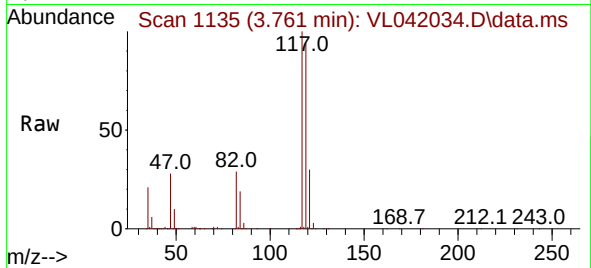




#35
Carbon Tetrachloride
Concen: 11.180 ppbv
RT: 3.761 min Scan# 1132
Delta R.T. -0.019 min
Lab File: VL042034.D
Acq: 21 Feb 2025 10:23

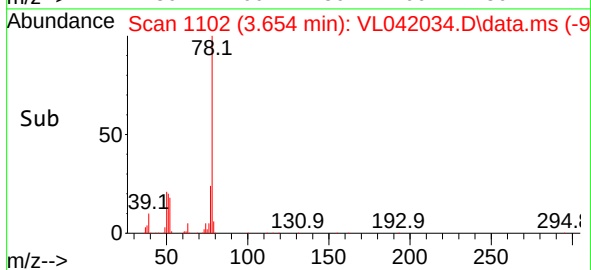
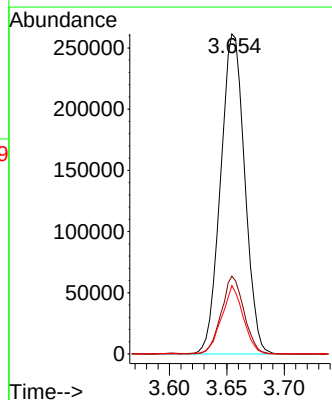
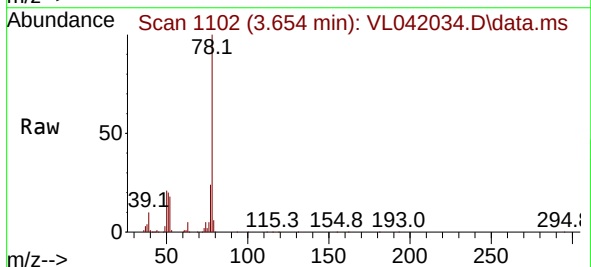
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

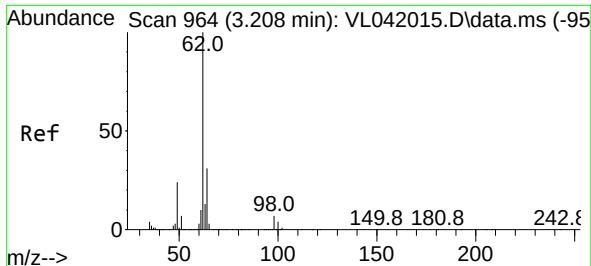
Tgt Ion:117 Resp: 262294
Ion Ratio Lower Upper
117 100
119 94.2 75.8 113.6
121 30.0 24.6 36.8



#36
Benzene
Concen: 13.067 ppbv
RT: 3.654 min Scan# 1102
Delta R.T. -0.019 min
Lab File: VL042034.D
Acq: 21 Feb 2025 10:23

Tgt Ion: 78 Resp: 382440
Ion Ratio Lower Upper
78 100
77 24.3 18.0 27.0
50 21.3 15.2 22.8

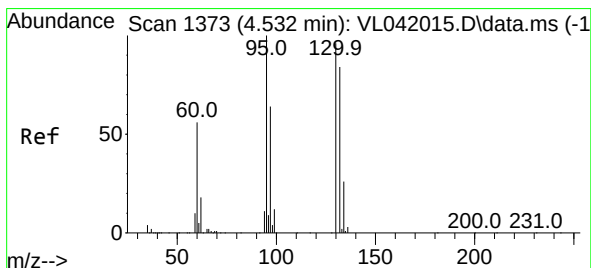
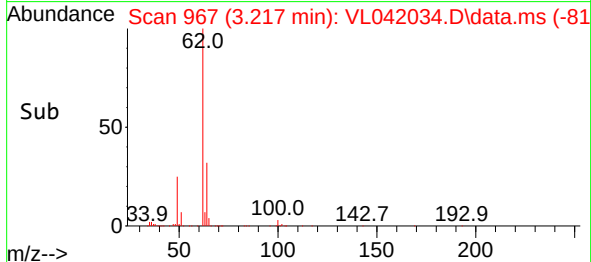
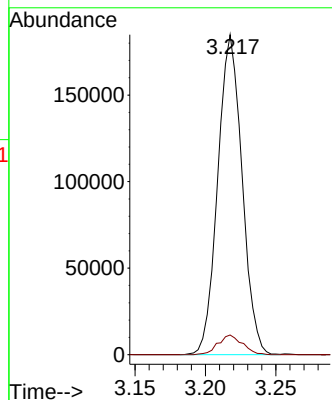
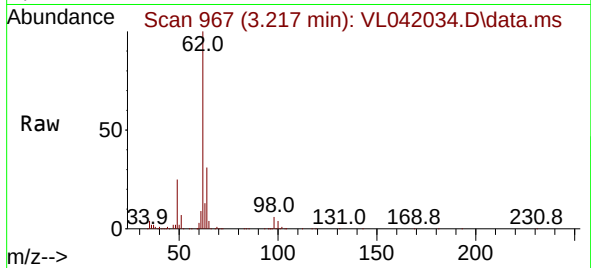




#37
1,2-Dichloroethane
Concen: 13.336 ppbv
RT: 3.217 min Scan# 967
Delta R.T. -0.016 min
Lab File: VL042034.D
Acq: 21 Feb 2025 10:23

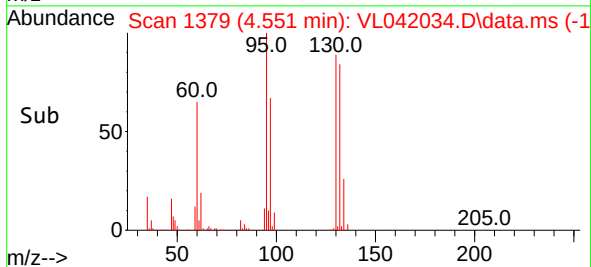
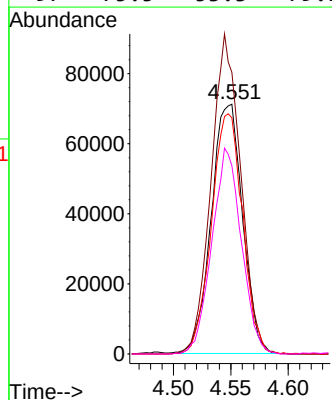
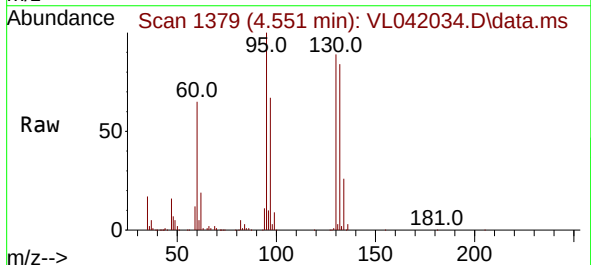
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

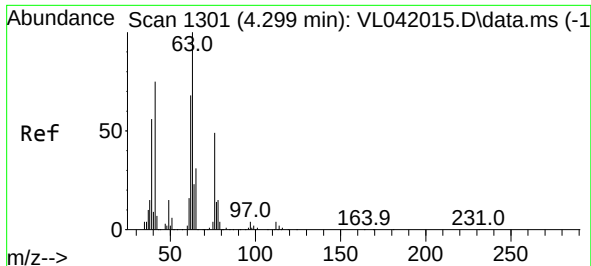
Tgt Ion: 62 Resp: 222192
Ion Ratio Lower Upper
62 100
98 6.2 5.7 8.5



#38
Trichloroethene
Concen: 11.367 ppbv
RT: 4.551 min Scan# 1379
Delta R.T. -0.016 min
Lab File: VL042034.D
Acq: 21 Feb 2025 10:23

Tgt Ion:130 Resp: 135154
Ion Ratio Lower Upper
130 100
95 112.8 82.8 124.2
132 94.6 70.0 105.0
97 75.5 53.3 79.9





#39

1,2-Dichloropropane

Concen: 13.393 ppbv

RT: 4.315 min Scan# 11

Delta R.T. -0.019 min

Lab File: VL042034.D

Acq: 21 Feb 2025 10:23

Instrument :

MSVOA_1

ClientSampleId :

VSTDCCC010

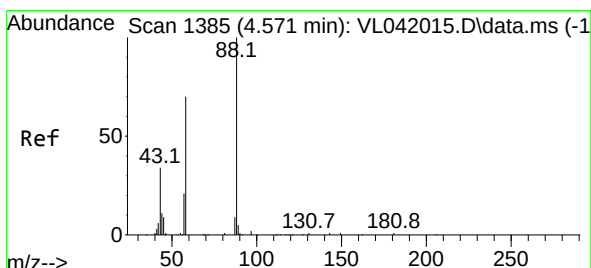
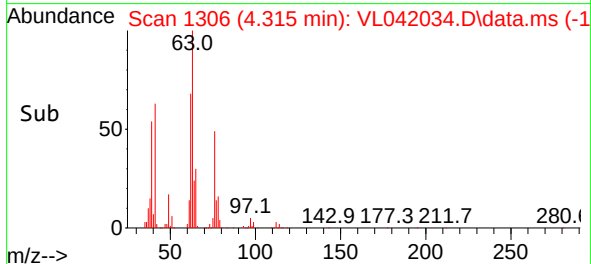
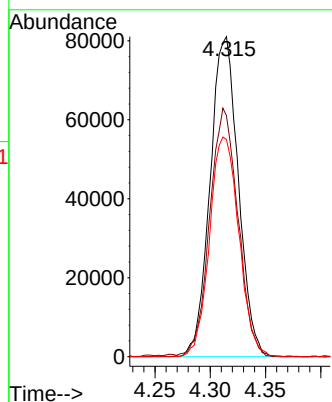
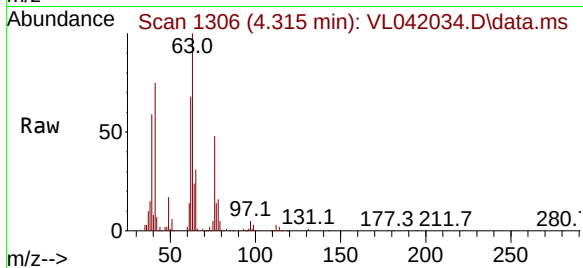
Tgt Ion: 63 Resp: 143700

Ion Ratio Lower Upper

63 100

41 75.2 60.1 90.1

62 67.9 54.0 81.0



#40

1,4-Dioxane

Concen: 11.494 ppbv

RT: 4.580 min Scan# 1388

Delta R.T. -0.029 min

Lab File: VL042034.D

Acq: 21 Feb 2025 10:23

Tgt Ion: 88 Resp: 64177

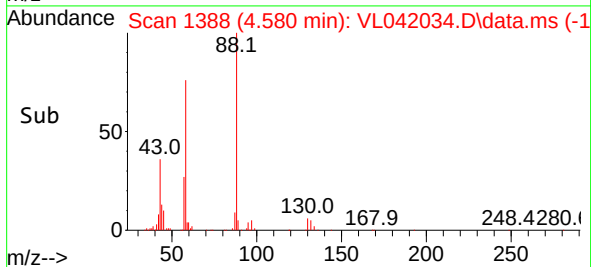
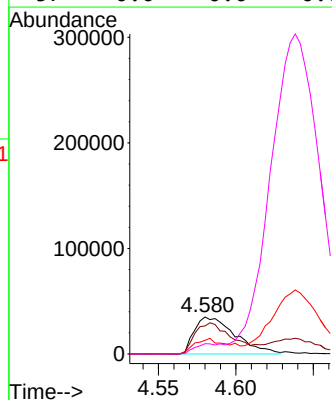
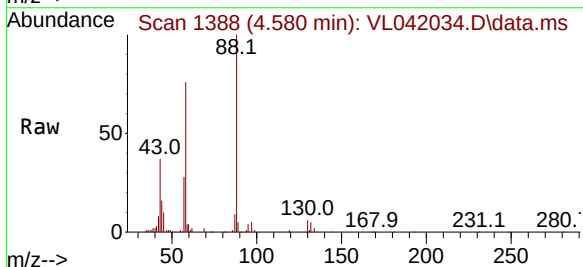
Ion Ratio Lower Upper

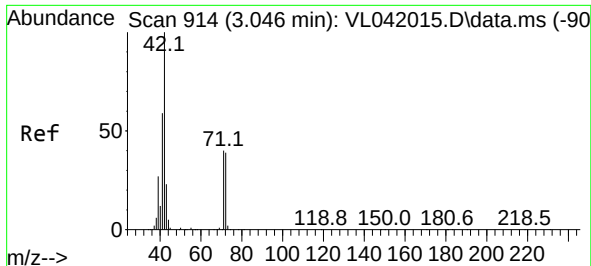
88 100

58 74.7 58.1 87.1

43 0.0 27.3 40.9

57 0.0 0.0 0.0

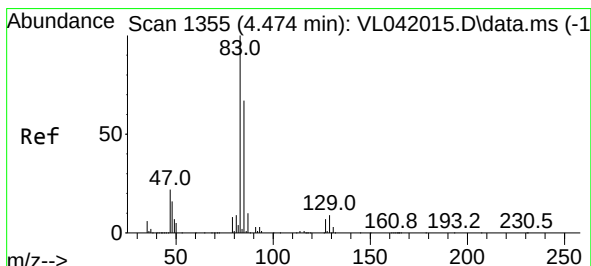
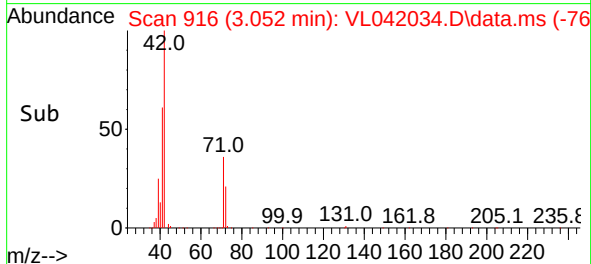
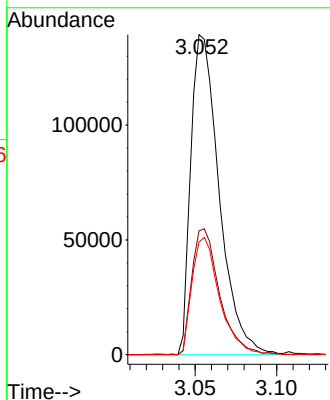
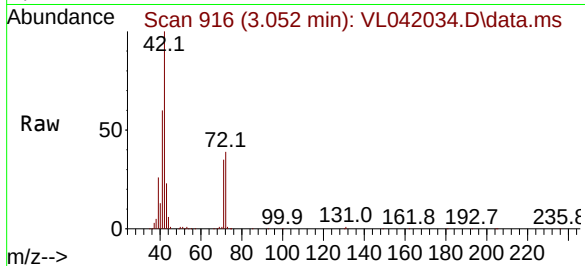




#41
Tetrahydrofuran
Concen: 14.187 ppbv
RT: 3.052 min Scan# 914
Delta R.T. -0.016 min
Lab File: VL042034.D
Acq: 21 Feb 2025 10:23

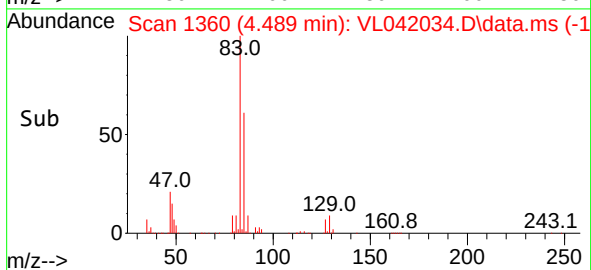
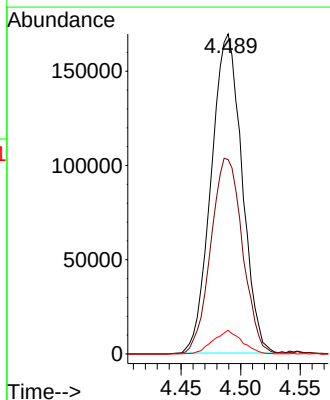
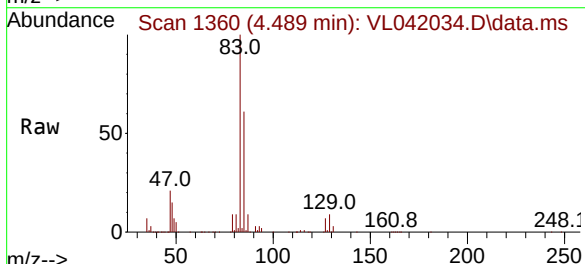
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

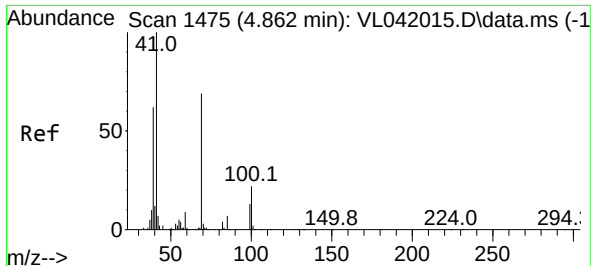
Tgt Ion: 42 Resp: 168527
Ion Ratio Lower Upper
42 100
72 38.7 32.3 48.5
71 35.7 30.9 46.3



#42
Bromodichloromethane
Concen: 13.473 ppbv
RT: 4.489 min Scan# 1360
Delta R.T. -0.026 min
Lab File: VL042034.D
Acq: 21 Feb 2025 10:23

Tgt Ion: 83 Resp: 304101
Ion Ratio Lower Upper
83 100
85 60.8 53.3 79.9
127 7.4 6.0 9.0

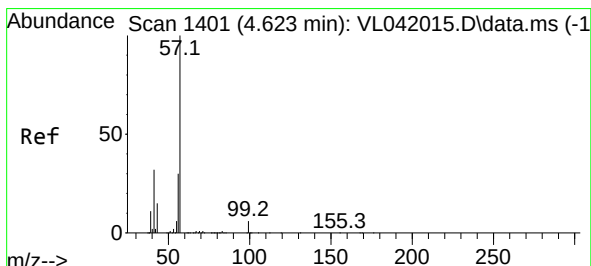
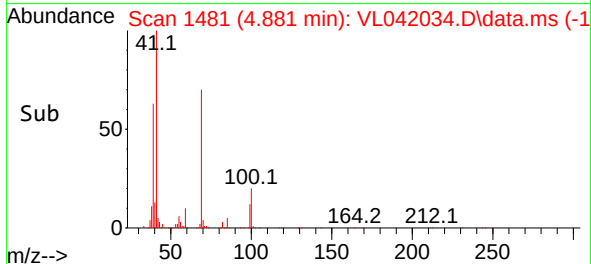
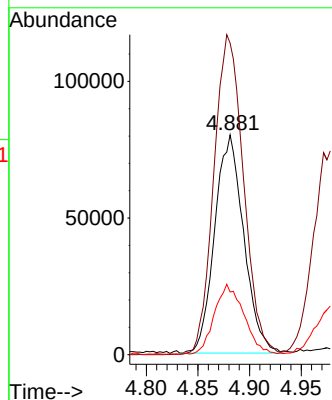
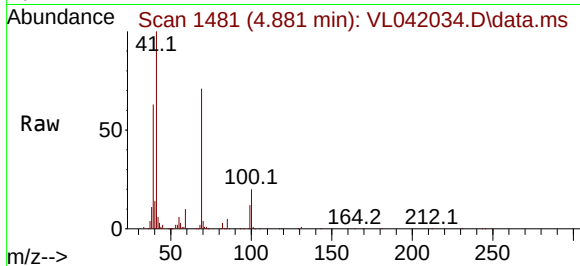




#43
Methyl Methacrylate
Concen: 11.700 ppbv
RT: 4.881 min Scan# 1481
Delta R.T. -0.023 min
Lab File: VL042034.D
Acq: 21 Feb 2025 10:23

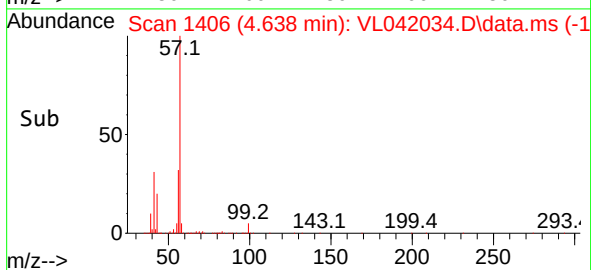
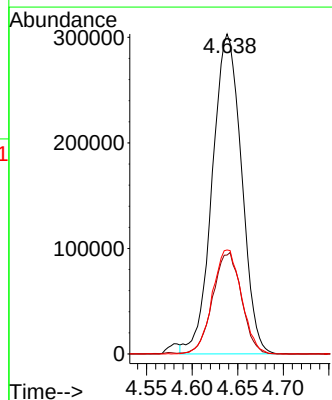
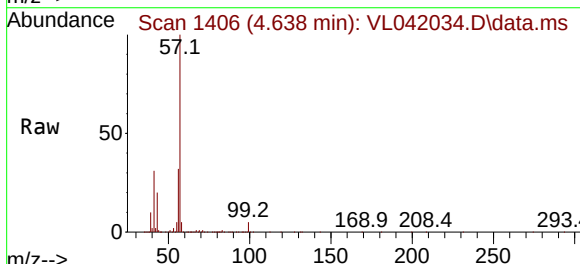
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

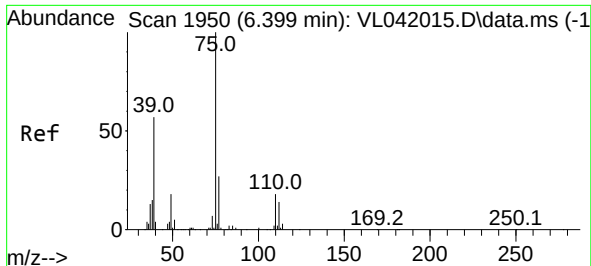
Tgt Ion: 69 Resp: 156100
Ion Ratio Lower Upper
69 100
41 150.2 114.9 172.3
100 32.8 28.8 43.2



#44
2,2,4-Trimethylpentane
Concen: 13.593 ppbv
RT: 4.638 min Scan# 1406
Delta R.T. -0.026 min
Lab File: VL042034.D
Acq: 21 Feb 2025 10:23

Tgt Ion: 57 Resp: 675335
Ion Ratio Lower Upper
57 100
41 31.4 25.9 38.9
56 32.4 24.9 37.3





#45

t-1,3-Dichloropropene

Concen: 12.654 ppbv

RT: 6.415 min Scan# 1950

Delta R.T. -0.029 min

Lab File: VL042034.D

Acq: 21 Feb 2025 10:23

Instrument :

MSVOA_L

ClientSampleId :

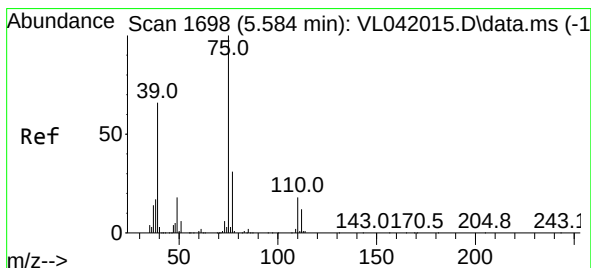
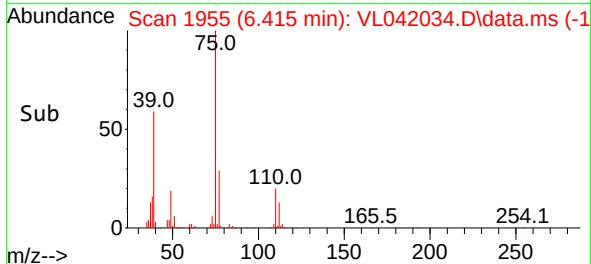
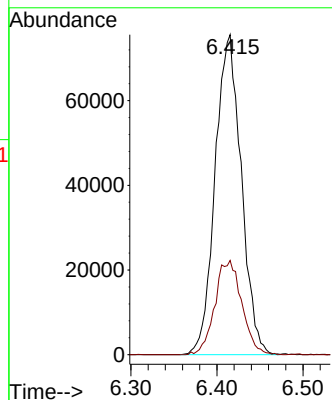
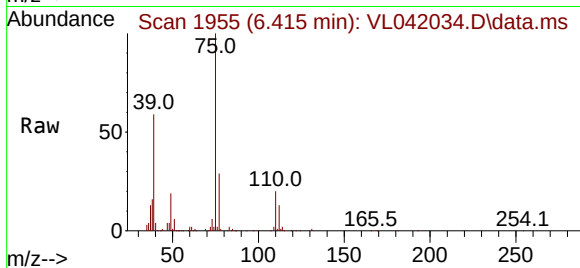
VSTDCCC010

Tgt Ion: 75 Resp: 159371

Ion Ratio Lower Upper

75 100

77 29.4 22.1 33.1



#46

cis-1,3-Dichloropropene

Concen: 12.740 ppbv

RT: 5.600 min Scan# 1703

Delta R.T. -0.029 min

Lab File: VL042034.D

Acq: 21 Feb 2025 10:23

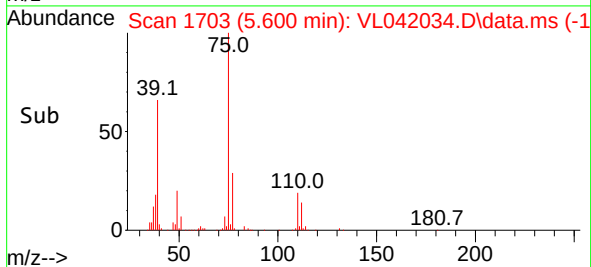
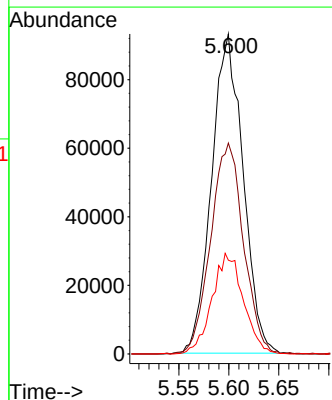
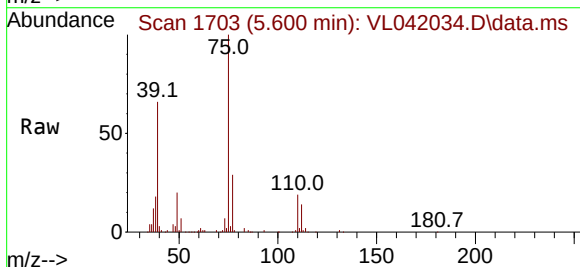
Tgt Ion: 75 Resp: 203587

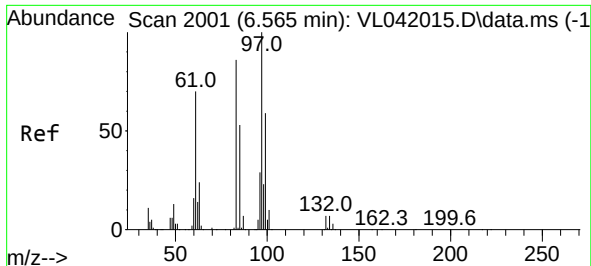
Ion Ratio Lower Upper

75 100

39 65.9 52.2 78.4

77 29.2 24.5 36.7



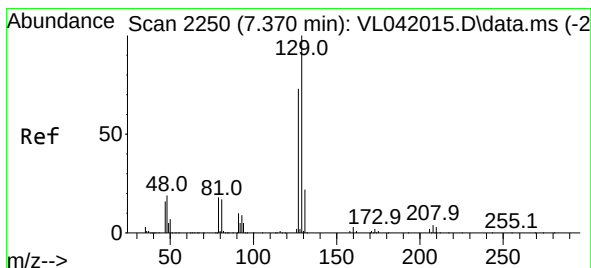
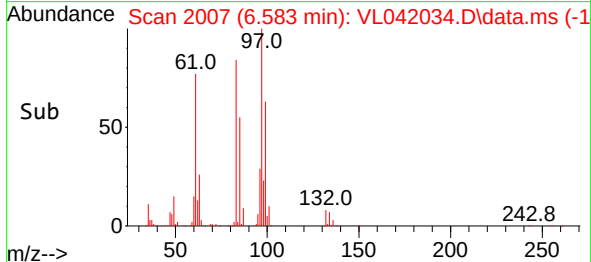
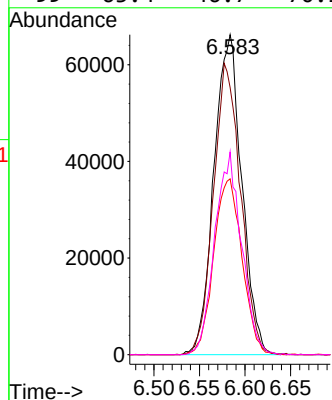
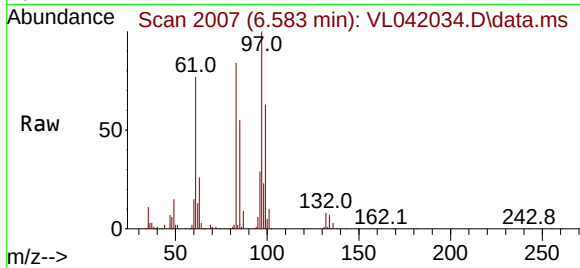


#47
1,1,2-Trichloroethane
Concen: 12.460 ppbv
RT: 6.583 min Scan# 2007
Delta R.T. -0.026 min
Lab File: VL042034.D
Acq: 21 Feb 2025 10:23

Instrument :
MSVOA_1
ClientSampleId :
VSTDCCC010

Tgt Ion: 97 Resp: 140706

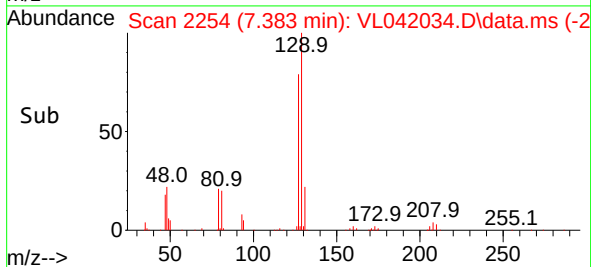
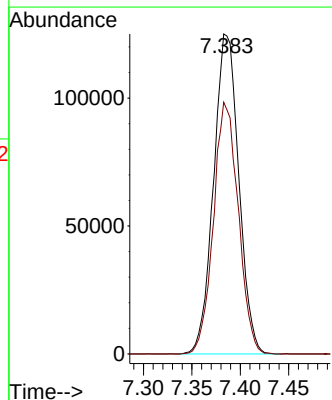
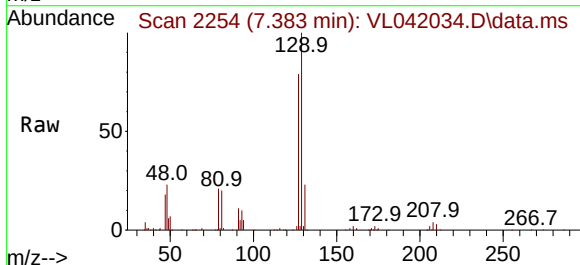
Ion	Ratio	Lower	Upper
97	100		
83	83.5	68.6	102.8
85	55.0	42.2	63.4
99	63.4	46.7	70.1

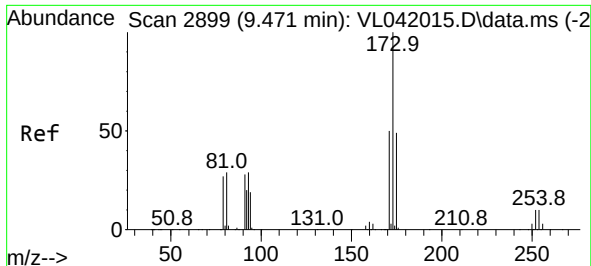


#48
Dibromochloromethane
Concen: 11.996 ppbv
RT: 7.383 min Scan# 2254
Delta R.T. -0.026 min
Lab File: VL042034.D
Acq: 21 Feb 2025 10:23

Tgt Ion: 129 Resp: 226878

Ion	Ratio	Lower	Upper
129	100		
127	77.4	38.2	114.6

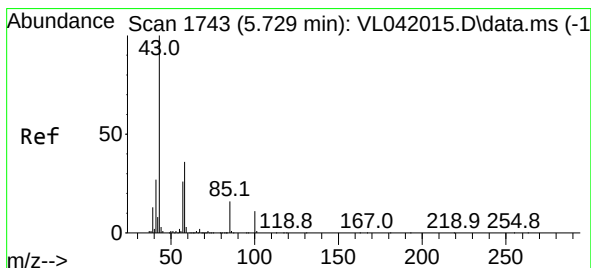
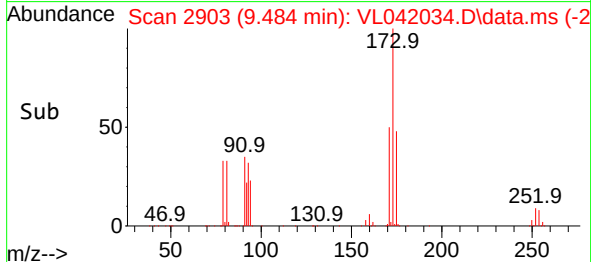
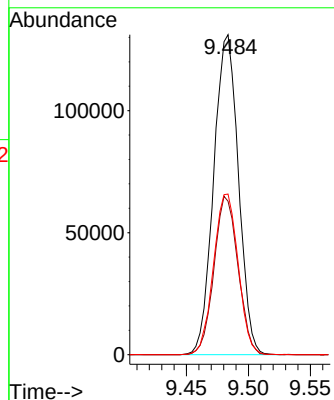
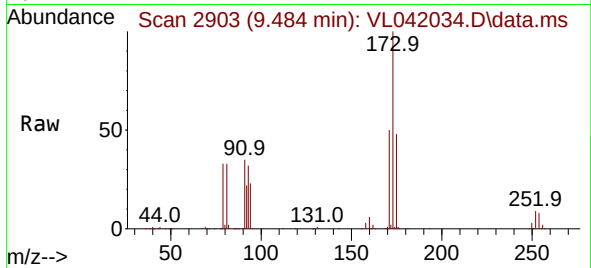




#49
Bromoform
Concen: 11.762 ppbv
RT: 9.484 min Scan# 2903
Delta R.T. -0.016 min
Lab File: VL042034.D
Acq: 21 Feb 2025 10:23

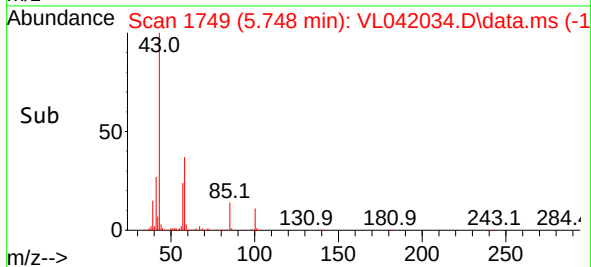
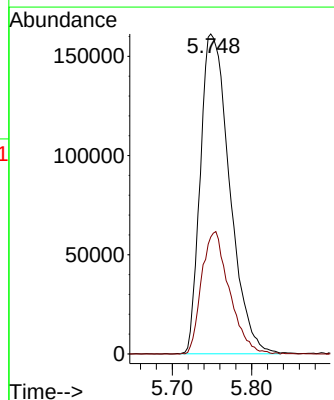
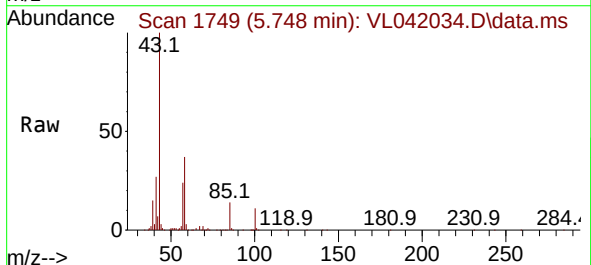
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

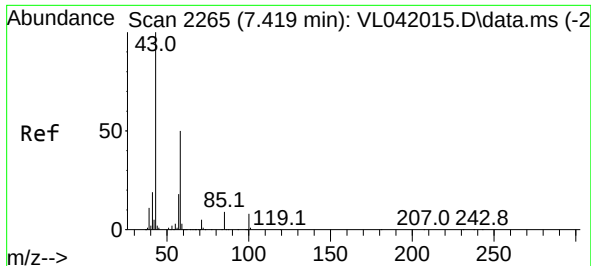
Tgt Ion:173 Resp: 182464
Ion Ratio Lower Upper
173 100
175 48.1 39.3 58.9
171 50.0 41.4 62.2



#50
4-Methyl-2-Pentanone
Concen: 12.943 ppbv
RT: 5.748 min Scan# 1749
Delta R.T. -0.035 min
Lab File: VL042034.D
Acq: 21 Feb 2025 10:23

Tgt Ion: 43 Resp: 413492
Ion Ratio Lower Upper
43 100
58 36.4 29.4 44.0

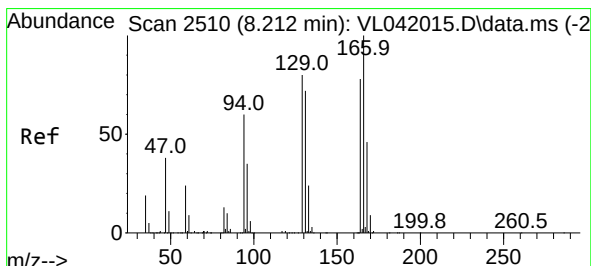
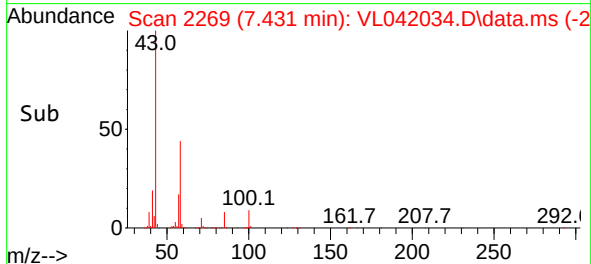
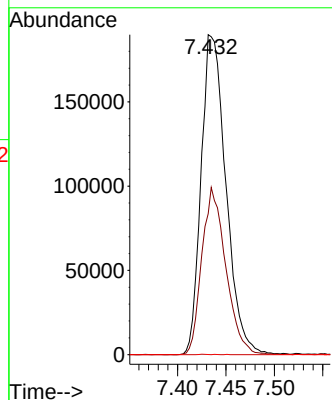
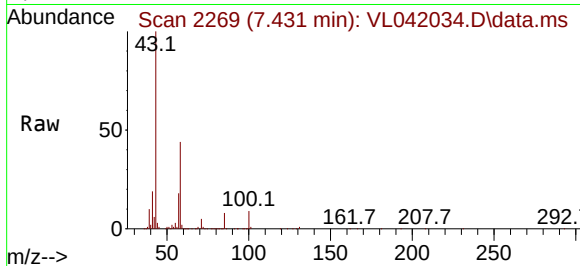




#51
2-Hexanone
Concen: 12.940 ppbv
RT: 7.431 min Scan# 21
Delta R.T. -0.029 min
Lab File: VL042034.D
Acq: 21 Feb 2025 10:23

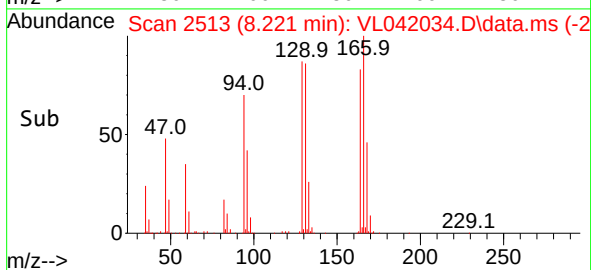
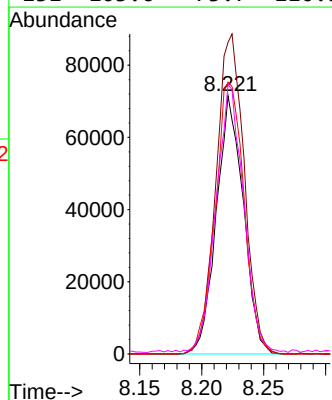
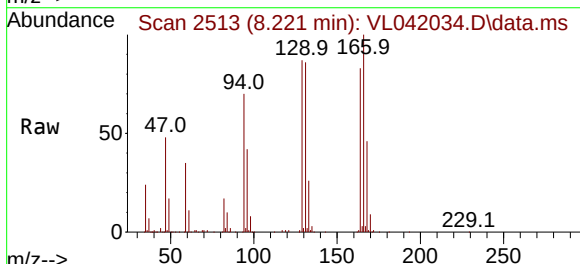
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

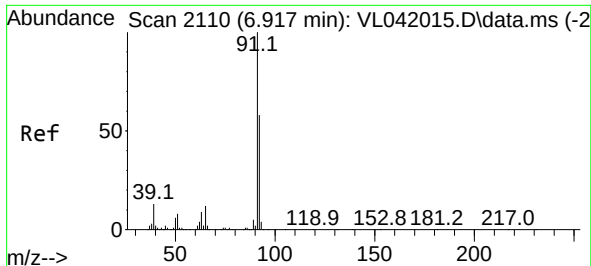
Tgt Ion: 43 Resp: 338105
Ion Ratio Lower Upper
43 100
58 50.6 41.4 62.0
98 0.1 0.0 0.0#



#52
Tetrachloroethene
Concen: 10.614 ppbv
RT: 8.221 min Scan# 2513
Delta R.T. -0.023 min
Lab File: VL042034.D
Acq: 21 Feb 2025 10:23

Tgt Ion: 164 Resp: 108347
Ion Ratio Lower Upper
164 100
166 120.7 102.2 153.2
129 105.2 82.2 123.4
131 103.6 73.7 110.5

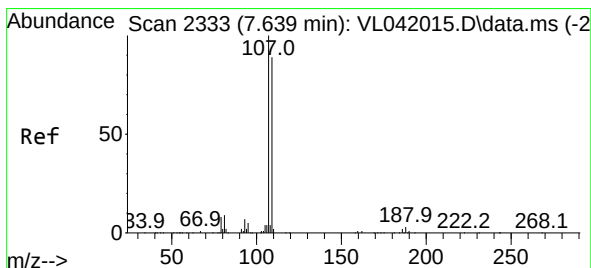
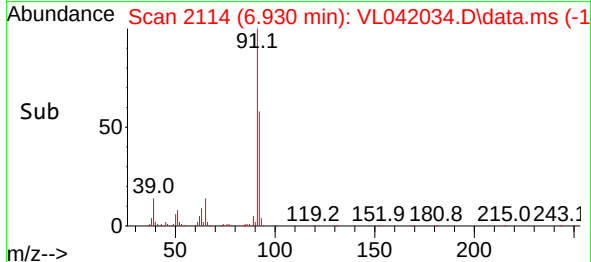
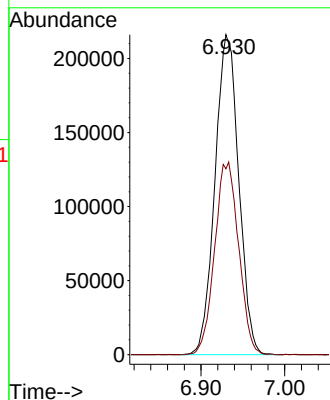
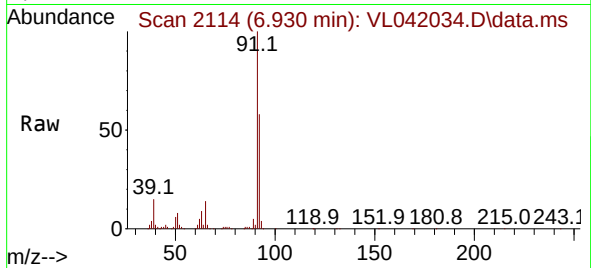




#53
Toluene
Concen: 12.204 ppbv
RT: 6.930 min Scan# 2110
Delta R.T. -0.026 min
Lab File: VL042034.D
Acq: 21 Feb 2025 10:23

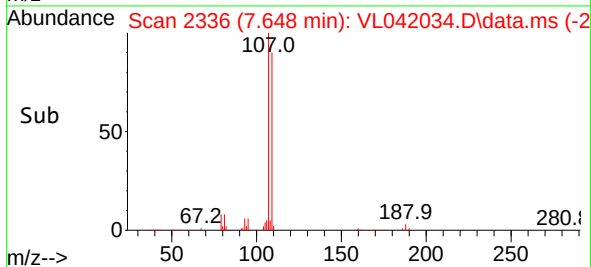
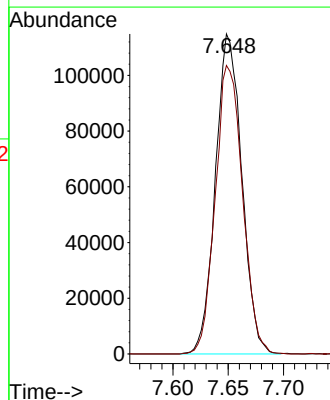
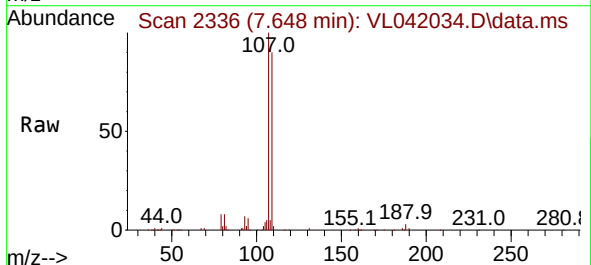
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

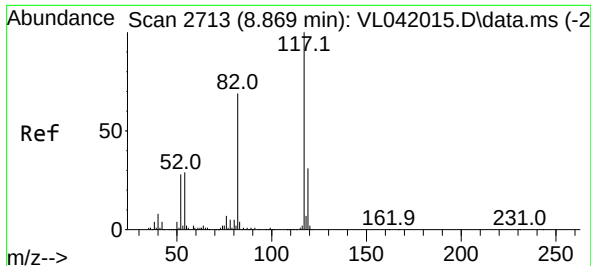
Tgt Ion: 91 Resp: 425619
Ion Ratio Lower Upper
91 100
92 60.8 47.5 71.3



#54
1,2-Dibromoethane
Concen: 12.260 ppbv
RT: 7.648 min Scan# 2336
Delta R.T. -0.026 min
Lab File: VL042034.D
Acq: 21 Feb 2025 10:23

Tgt Ion: 107 Resp: 190617
Ion Ratio Lower Upper
107 100
109 90.1 71.5 107.3

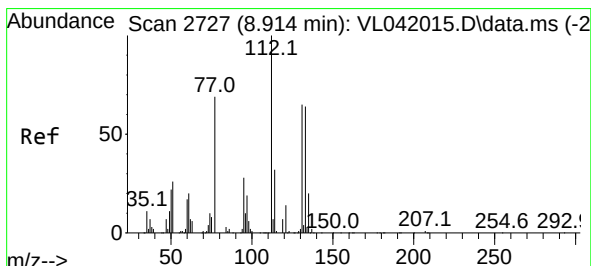
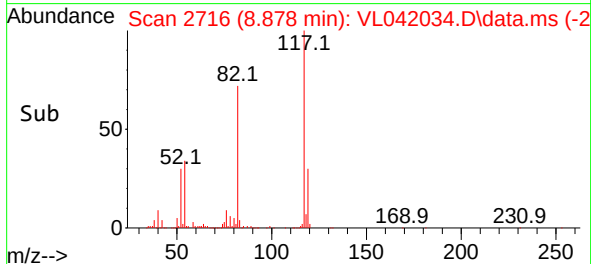
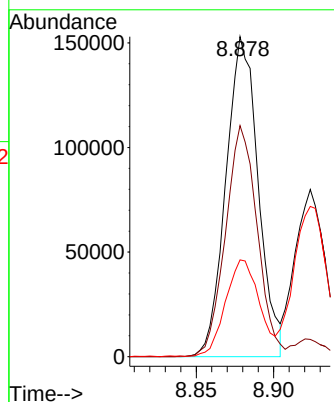
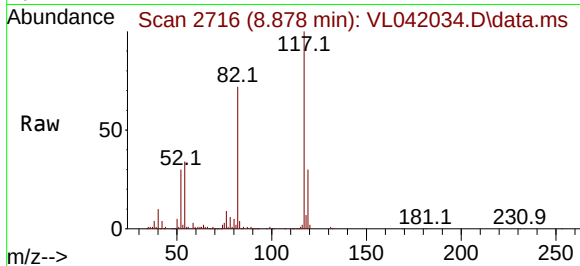




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.878 min Scan# 21
Delta R.T. -0.019 min
Lab File: VL042034.D
Acq: 21 Feb 2025 10:23

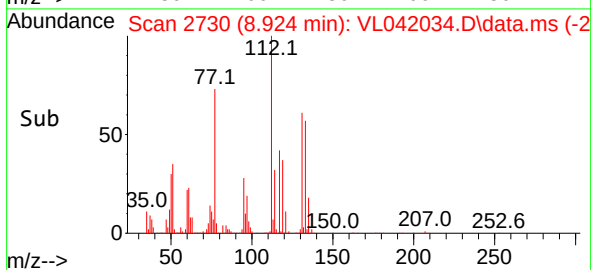
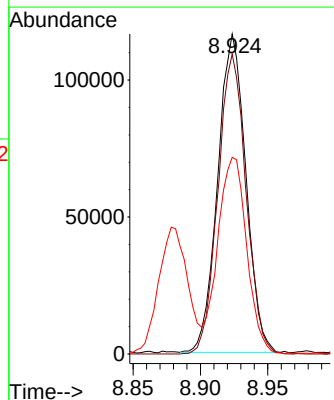
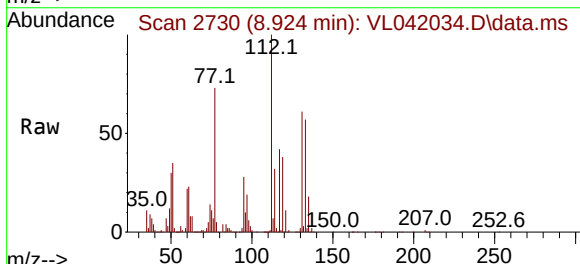
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

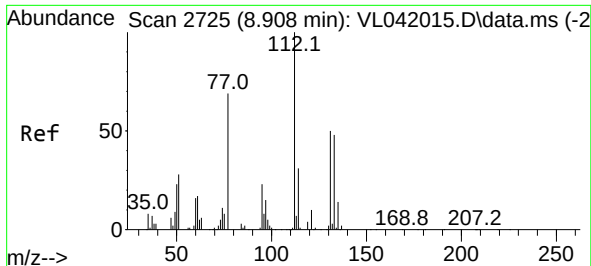
Tgt Ion:117 Resp: 222442
Ion Ratio Lower Upper
117 100
82 76.2 55.7 83.5
119 33.0 25.2 37.8



#56
1,1,1,2-Tetrachloroethane
Concen: 10.595 ppbv
RT: 8.924 min Scan# 2730
Delta R.T. -0.019 min
Lab File: VL042034.D
Acq: 21 Feb 2025 10:23

Tgt Ion:131 Resp: 168690
Ion Ratio Lower Upper
131 100
133 94.1 77.8 116.8
119 63.5 49.1 73.7

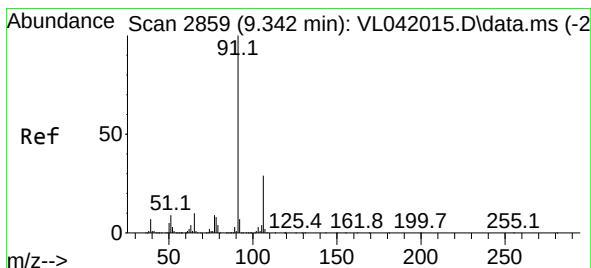
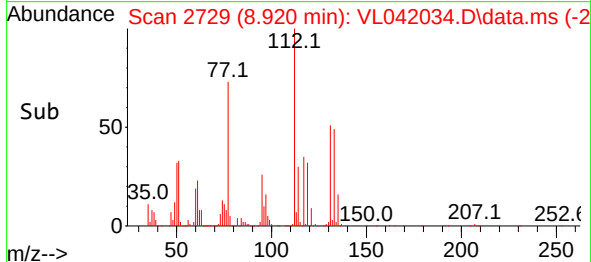
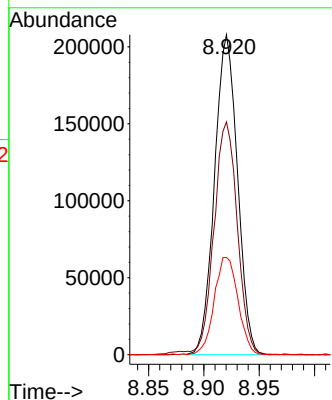
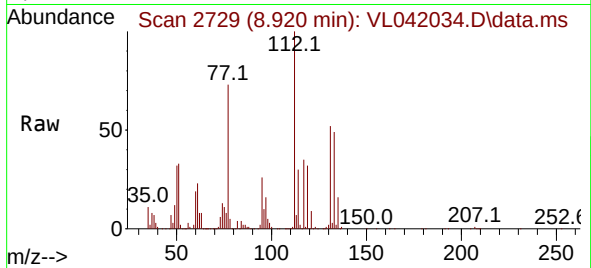




#57
Chlorobenzene
Concen: 11.457 ppbv
RT: 8.920 min Scan# 21
Delta R.T. -0.019 min
Lab File: VL042034.D
Acq: 21 Feb 2025 10:23

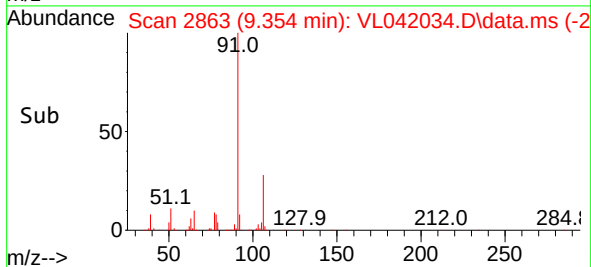
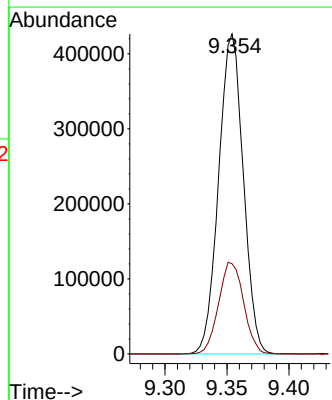
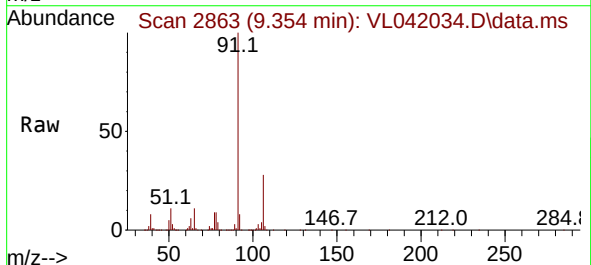
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

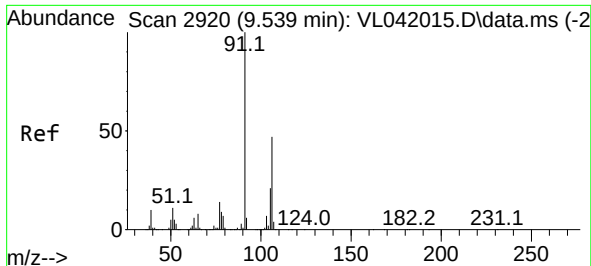
Tgt Ion:112 Resp: 299813
Ion Ratio Lower Upper
112 100
77 72.7 56.2 84.2
114 30.3 28.2 34.4



#58
Ethyl Benzene
Concen: 12.140 ppbv
RT: 9.354 min Scan# 2863
Delta R.T. -0.016 min
Lab File: VL042034.D
Acq: 21 Feb 2025 10:23

Tgt Ion: 91 Resp: 591042
Ion Ratio Lower Upper
91 100
106 28.2 23.1 34.7





#59

m/p-Xylene

Concen: 11.729 ppbv

RT: 9.532 min Scan# 2918

Delta R.T. -0.016 min

Lab File: VL042034.D

Acq: 21 Feb 2025 10:23

Instrument :

MSVOA_L

ClientSampleId :

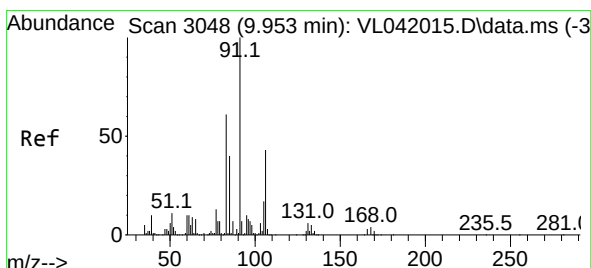
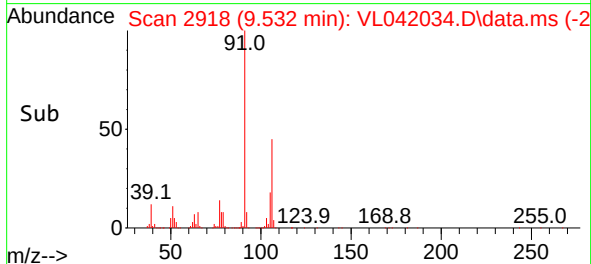
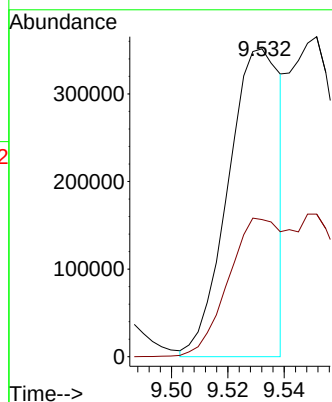
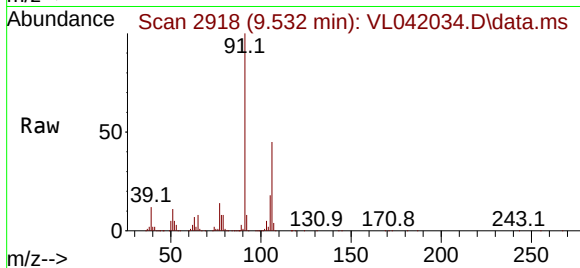
VSTDCCC010

Tgt Ion: 91 Resp: 449744

Ion Ratio Lower Upper

91 100

106 0.0 35.8 53.8#



#60

o-Xylene

Concen: 11.636 ppbv

RT: 9.963 min Scan# 3051

Delta R.T. -0.016 min

Lab File: VL042034.D

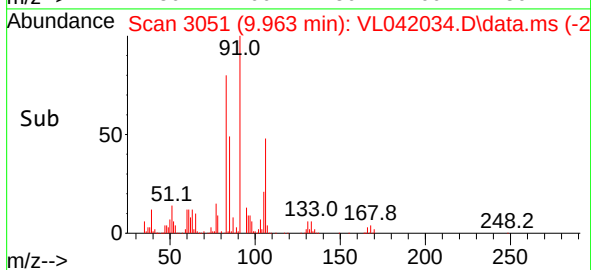
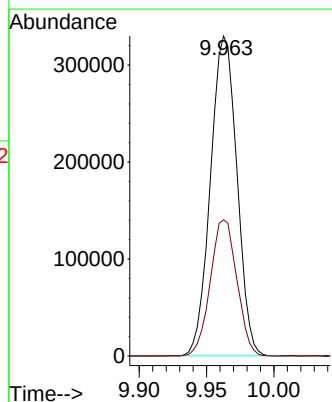
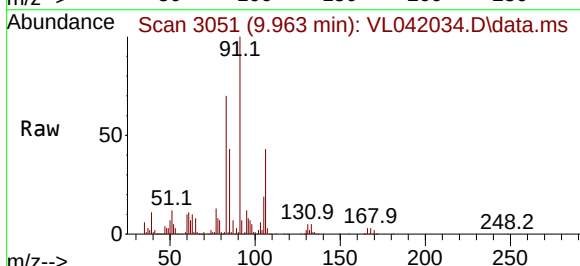
Acq: 21 Feb 2025 10:23

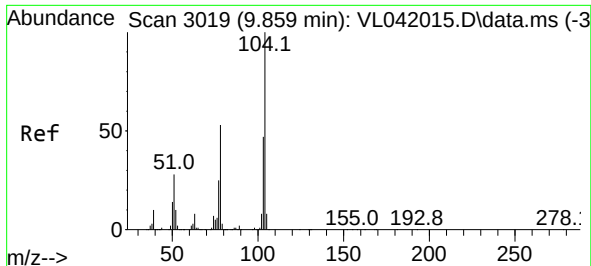
Tgt Ion: 91 Resp: 451249

Ion Ratio Lower Upper

91 100

106 42.7 21.4 64.3

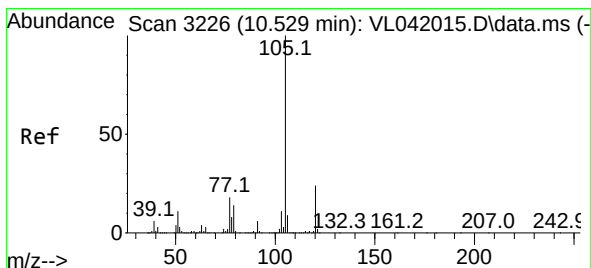
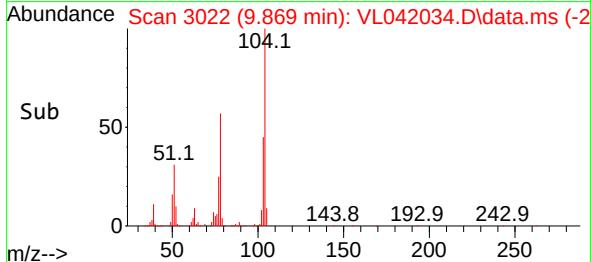
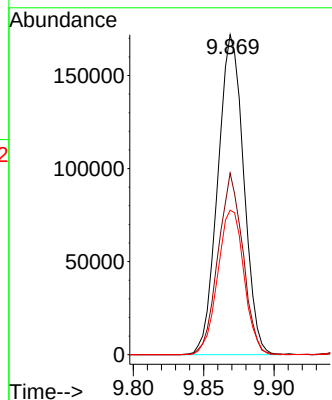
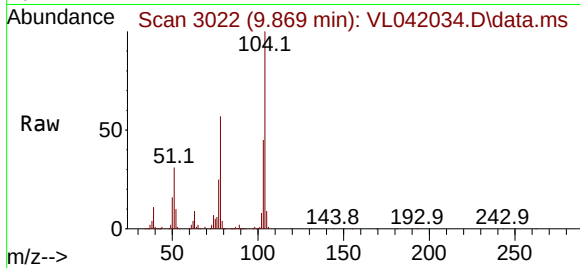




#61
Styrene
Concen: 11.902 ppbv
RT: 9.869 min Scan# 3019
Delta R.T. -0.016 min
Lab File: VL042034.D
Acq: 21 Feb 2025 10:23

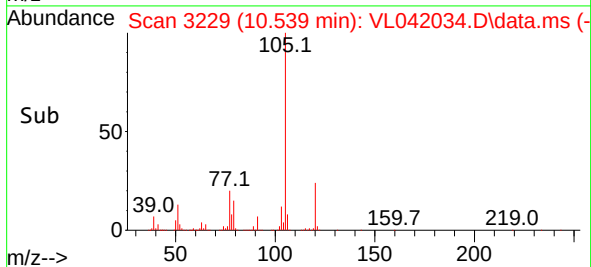
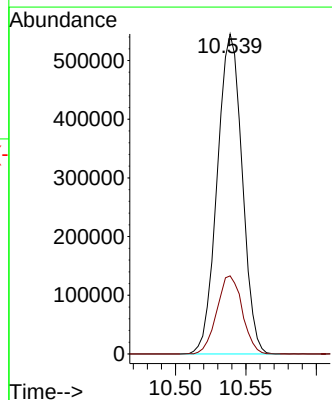
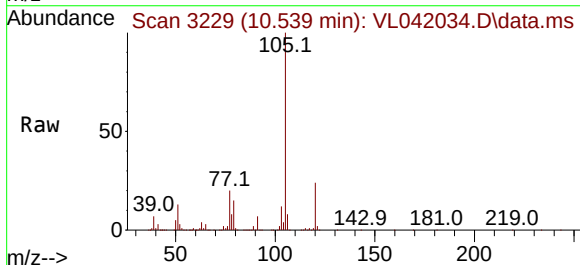
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

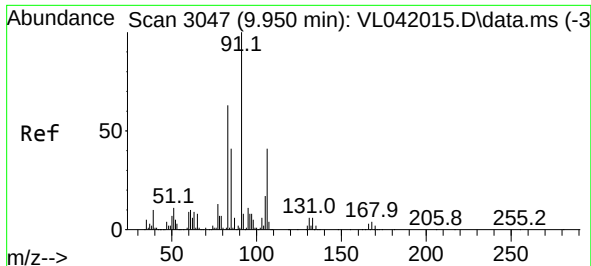
Tgt Ion:104 Resp: 220095
Ion Ratio Lower Upper
104 100
78 54.2 42.2 63.4
103 46.1 38.1 57.1



#62
Isopropylbenzene
Concen: 11.518 ppbv
RT: 10.539 min Scan# 3229
Delta R.T. -0.016 min
Lab File: VL042034.D
Acq: 21 Feb 2025 10:23

Tgt Ion:105 Resp: 670608
Ion Ratio Lower Upper
105 100
120 24.9 19.8 29.8





#63

1,1,2,2-Tetrachloroethane

Concen: 11.755 ppbv

RT: 9.963 min Scan# 3047

Delta R.T. -0.016 min

Lab File: VL042034.D

Acq: 21 Feb 2025 10:23

Instrument :

MSVOA_1

ClientSampleId :

VSTDCCC010

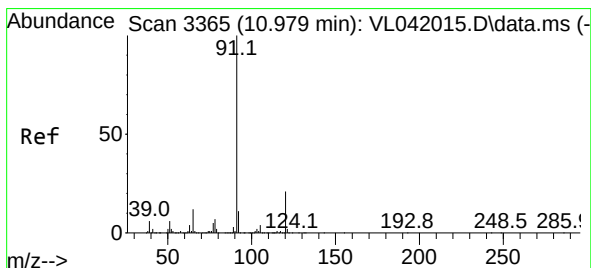
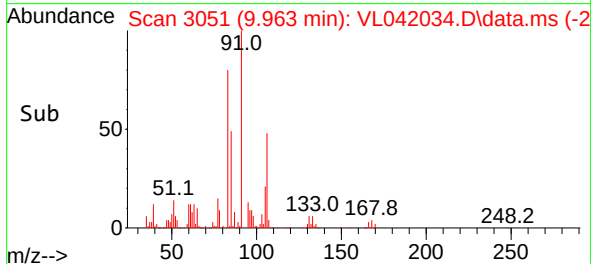
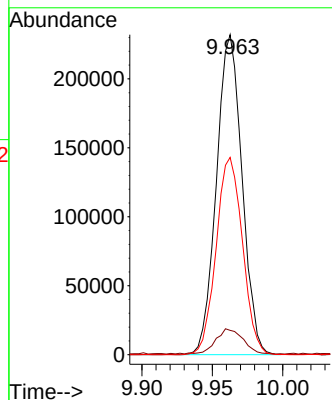
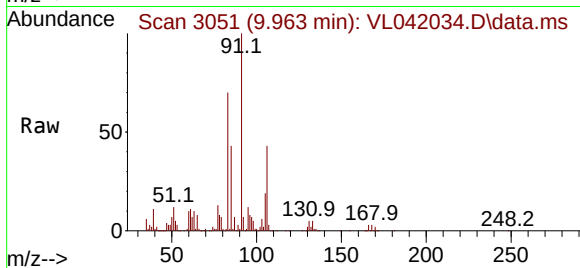
Tgt Ion: 83 Resp: 294121

Ion Ratio Lower Upper

83 100

131 8.9 5.0 15.0

85 63.4 32.1 96.3



#64

n-propylbenzene

Concen: 11.479 ppbv

RT: 10.989 min Scan# 3368

Delta R.T. -0.016 min

Lab File: VL042034.D

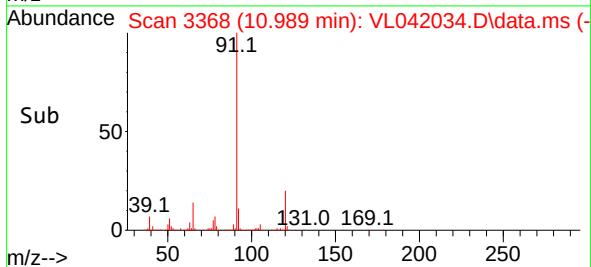
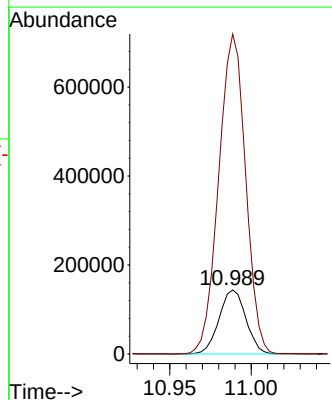
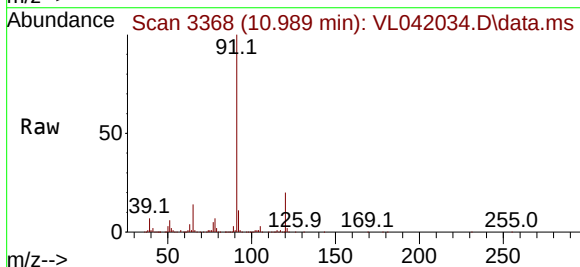
Acq: 21 Feb 2025 10:23

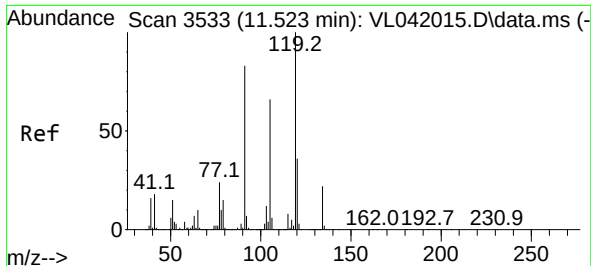
Tgt Ion: 120 Resp: 164222

Ion Ratio Lower Upper

120 100

91 503.2 392.2 588.2

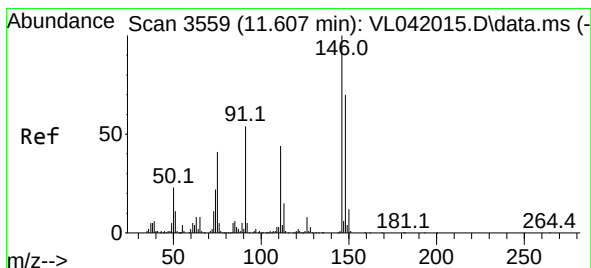
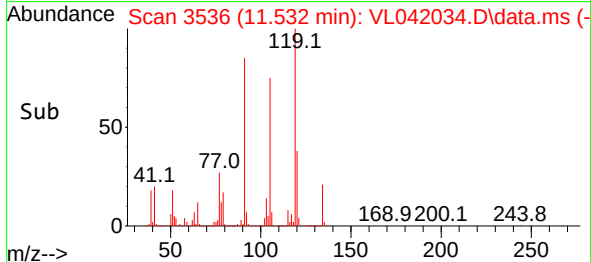
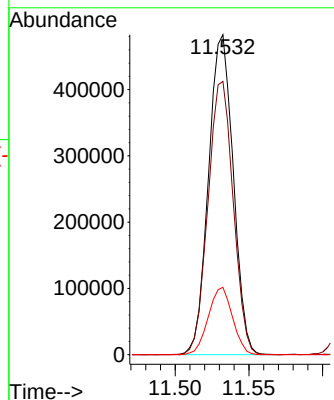
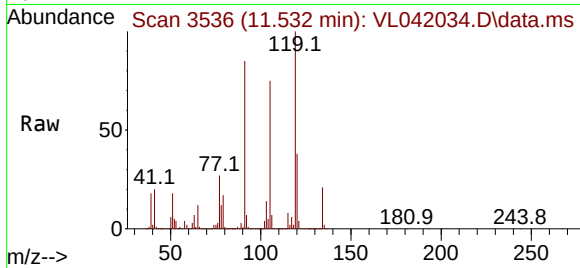




#65
 tert-Butylbenzene
 Concen: 11.106 ppbv
 RT: 11.532 min Scan# 3536
 Delta R.T. -0.013 min
 Lab File: VL042034.D
 Acq: 21 Feb 2025 10:23

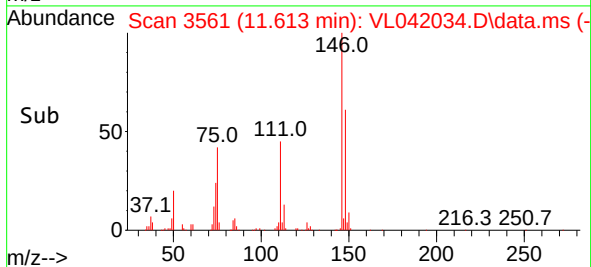
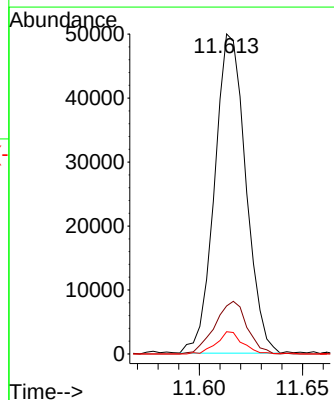
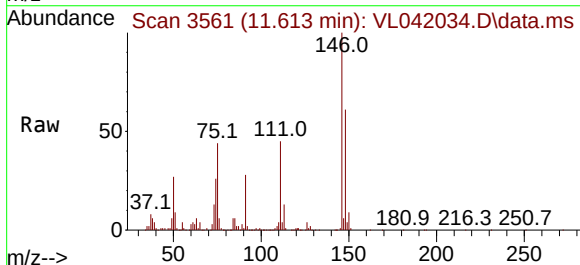
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

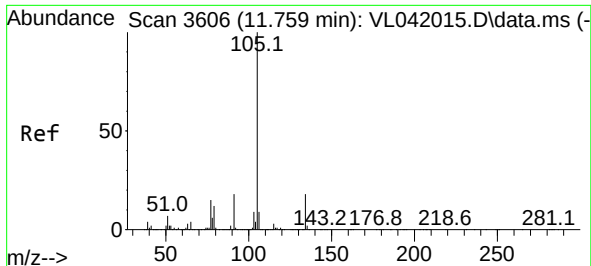
Tgt Ion:119 Resp: 563735
 Ion Ratio Lower Upper
 119 100
 91 87.0 66.5 99.7
 134 20.6 16.6 24.8



#66
 Benzyl Chloride
 Concen: 10.295 ppbv
 RT: 11.613 min Scan# 3561
 Delta R.T. -0.016 min
 Lab File: VL042034.D
 Acq: 21 Feb 2025 10:23

Tgt Ion: 91 Resp: 52378
 Ion Ratio Lower Upper
 91 100
 126 17.0 13.8 20.6
 128 5.9 4.1 6.1

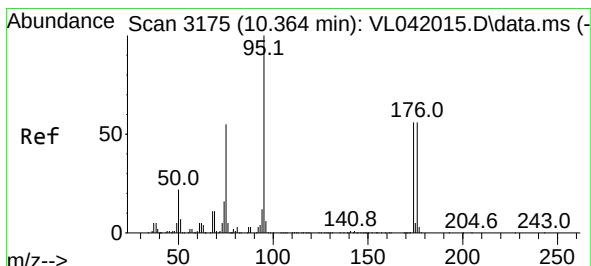
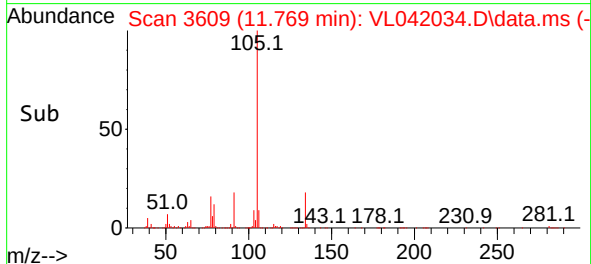
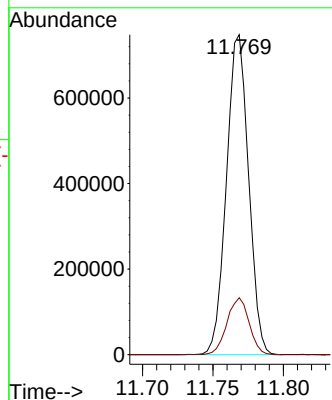
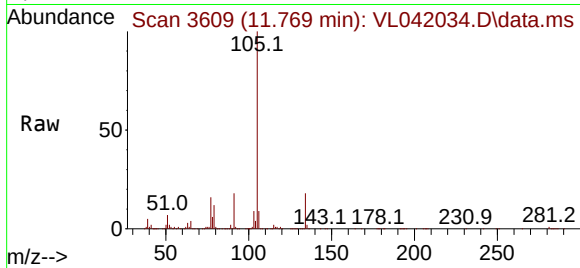




#67
 sec-Butylbenzene
 Concen: 11.494 ppbv
 RT: 11.769 min Scan# 3609
 Delta R.T. -0.013 min
 Lab File: VL042034.D
 Acq: 21 Feb 2025 10:23

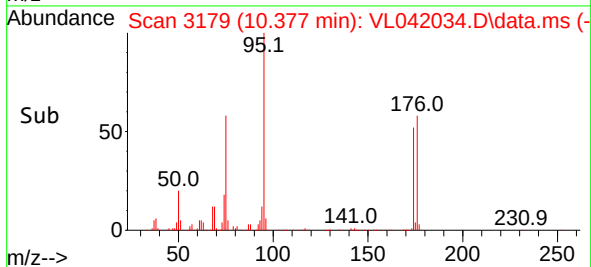
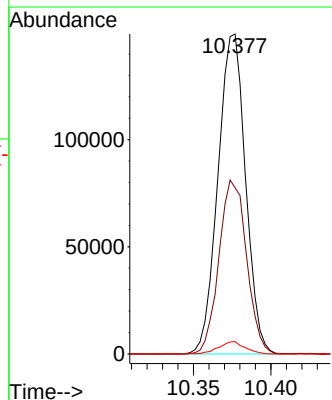
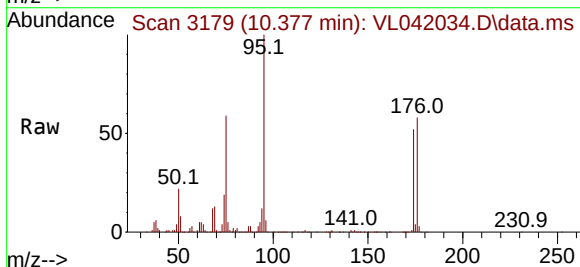
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDCCC010

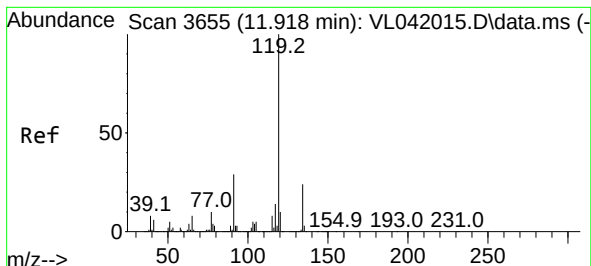
Tgt Ion:105 Resp: 819470
 Ion Ratio Lower Upper
 105 100
 134 17.9 14.7 22.1



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.091 ppbv
 RT: 10.377 min Scan# 3179
 Delta R.T. -0.013 min
 Lab File: VL042034.D
 Acq: 21 Feb 2025 10:23

Tgt Ion: 95 Resp: 185152
 Ion Ratio Lower Upper
 95 100
 174 54.4 46.7 70.1
 175 3.7 3.7 5.5#

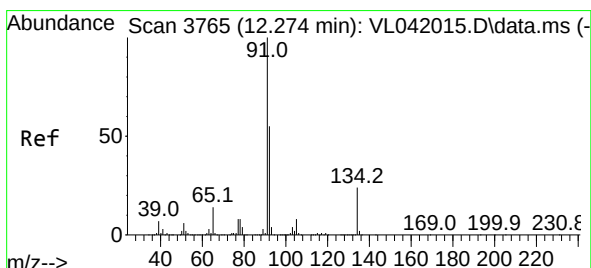
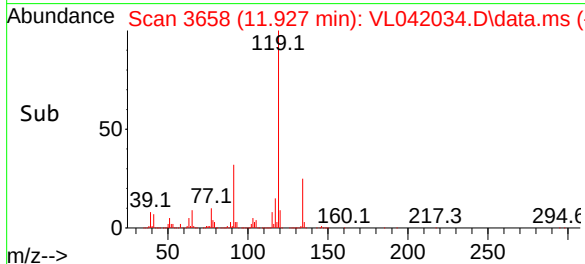
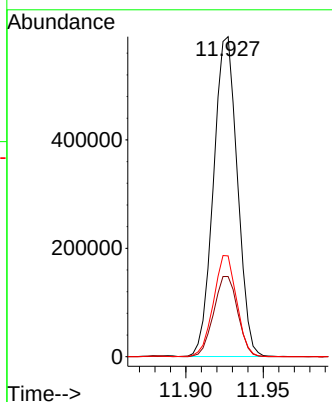
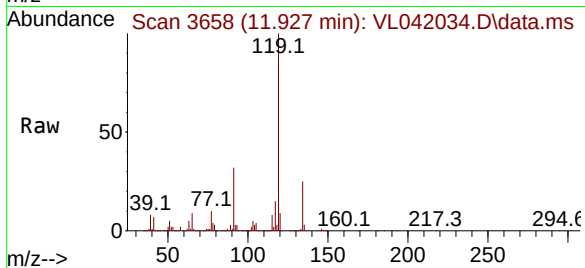




#69
p-Isopropyltoluene
Concen: 10.838 ppbv
RT: 11.927 min Scan# 3658
Delta R.T. -0.013 min
Lab File: VL042034.D
Acq: 21 Feb 2025 10:23

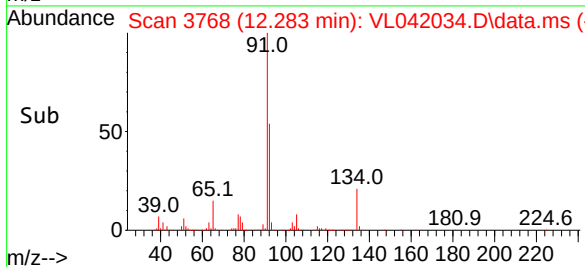
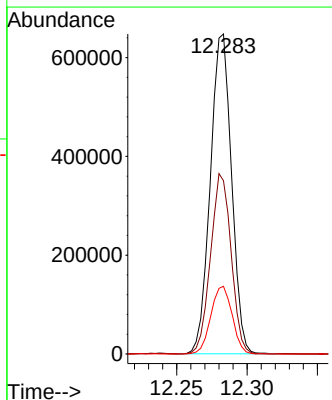
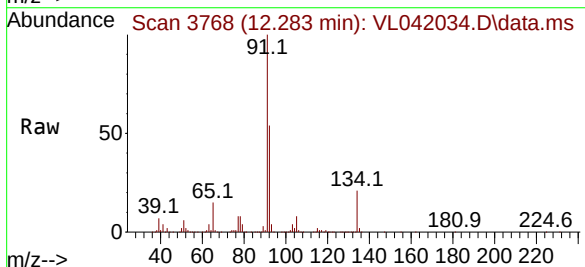
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

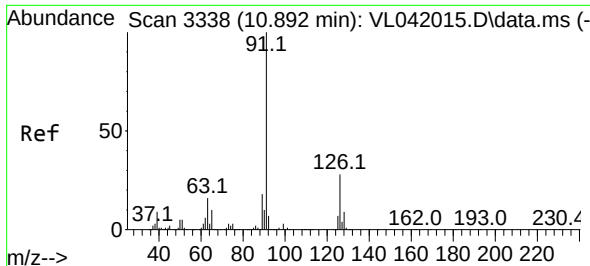
Tgt Ion:119 Resp: 632532
Ion Ratio Lower Upper
119 100
134 25.4 19.4 29.0
91 31.0 23.4 35.2



#70
n-Butylbenzene
Concen: 11.838 ppbv
RT: 12.283 min Scan# 3768
Delta R.T. -0.010 min
Lab File: VL042034.D
Acq: 21 Feb 2025 10:23

Tgt Ion: 91 Resp: 680533
Ion Ratio Lower Upper
91 100
92 54.9 43.8 65.8
134 21.2 18.6 27.8

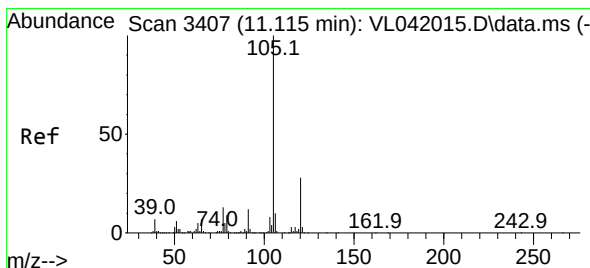
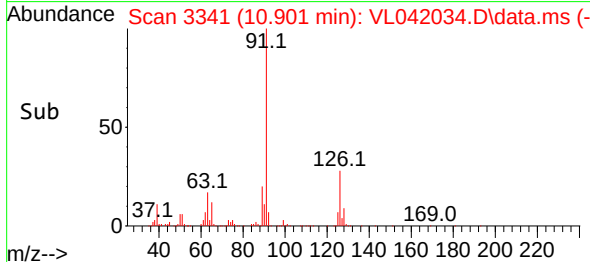
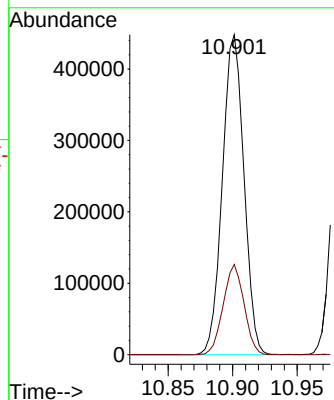
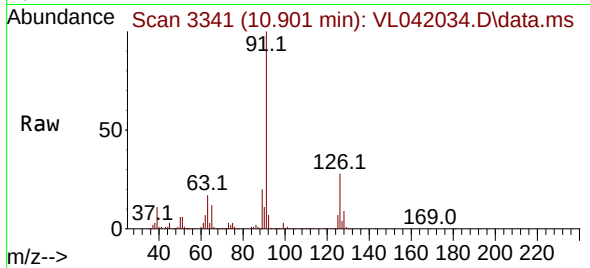




#71
2-Chlorotoluene
Concen: 11.839 ppbv
RT: 10.901 min Scan# 31
Delta R.T. -0.013 min
Lab File: VL042034.D
Acq: 21 Feb 2025 10:23

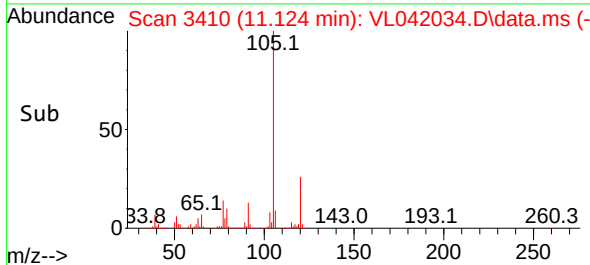
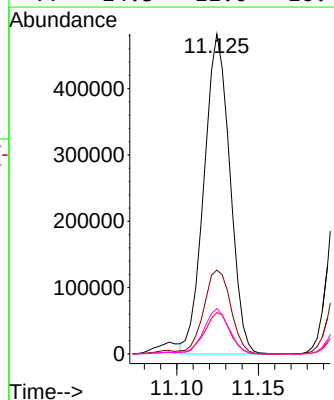
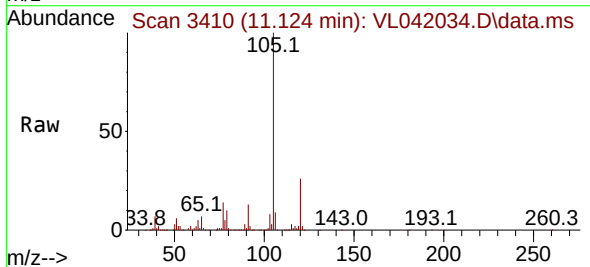
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

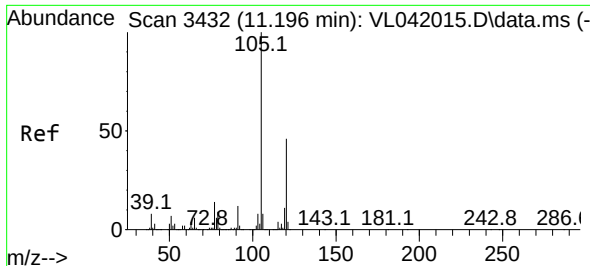
Tgt Ion: 91 Resp: 519116
Ion Ratio Lower Upper
91 100
126 27.2 11.2 45.0



#72
4-Ethyltoluene
Concen: 11.679 ppbv
RT: 11.124 min Scan# 3410
Delta R.T. -0.013 min
Lab File: VL042034.D
Acq: 21 Feb 2025 10:23

Tgt Ion: 105 Resp: 530659
Ion Ratio Lower Upper
105 100
120 28.4 22.7 34.1
91 13.4 10.2 15.2
77 14.3 11.0 16.4

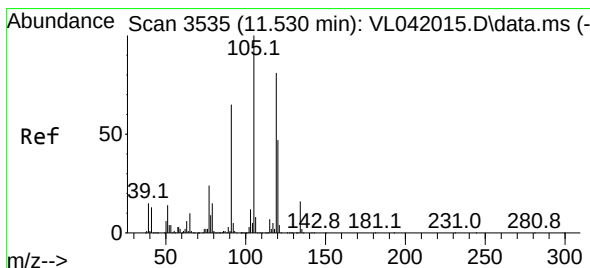
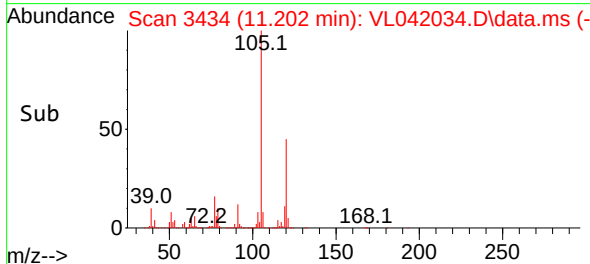
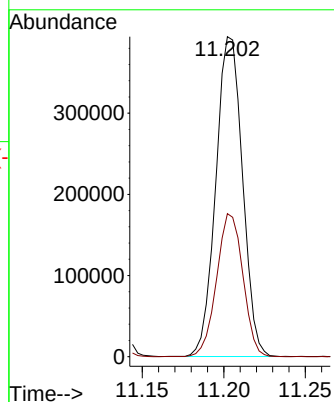
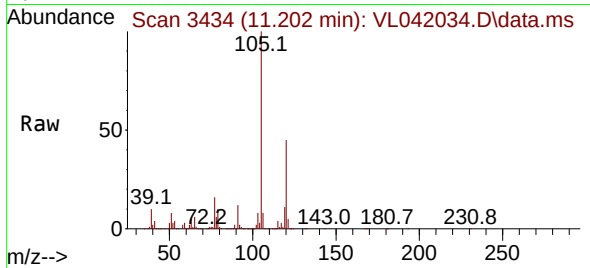




#73
1,3,5-Trimethylbenzene
Concen: 11.442 ppbv
RT: 11.202 min Scan# 3434
Delta R.T. -0.016 min
Lab File: VL042034.D
Acq: 21 Feb 2025 10:23

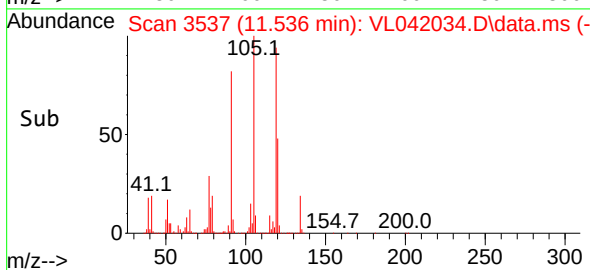
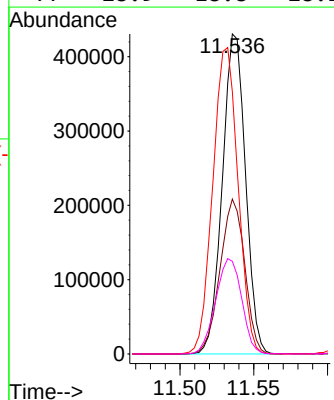
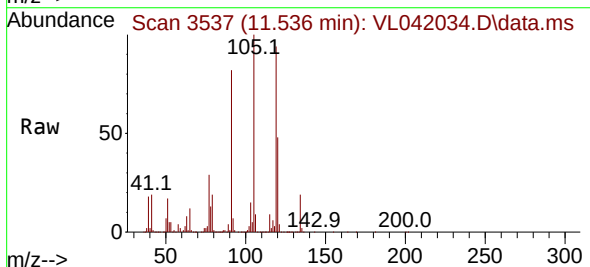
Instrument :
MSVOA_1
ClientSampleId :
VSTDCCC010

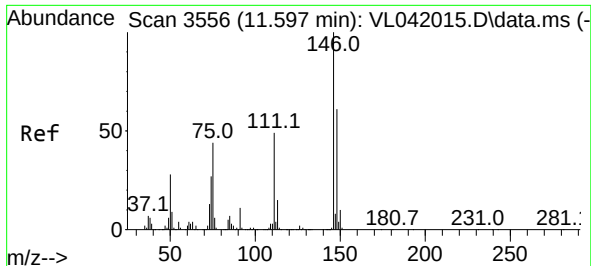
Tgt Ion:105 Resp: 448465
Ion Ratio Lower Upper
105 100
120 44.7 37.1 55.7



#74
1,2,4-Trimethylbenzene
Concen: 11.196 ppbv
RT: 11.536 min Scan# 3537
Delta R.T. -0.016 min
Lab File: VL042034.D
Acq: 21 Feb 2025 10:23

Tgt Ion:105 Resp: 470940
Ion Ratio Lower Upper
105 100
120 48.4 37.5 56.3
91 81.9 51.7 77.5#
77 28.9 18.8 28.2#

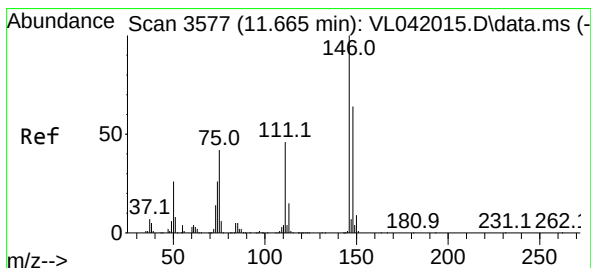
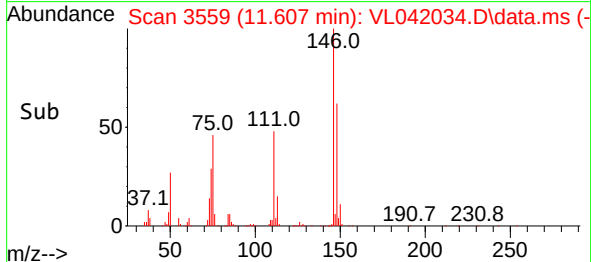
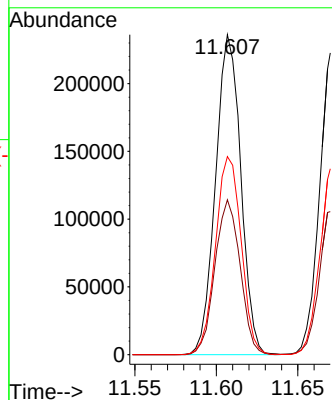
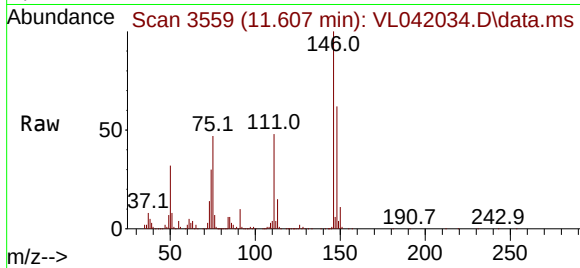




#75
1,3-Dichlorobenzene
Concen: 11.222 ppbv
RT: 11.607 min Scan# 3559
Delta R.T. -0.016 min
Lab File: VL042034.D
Acq: 21 Feb 2025 10:23

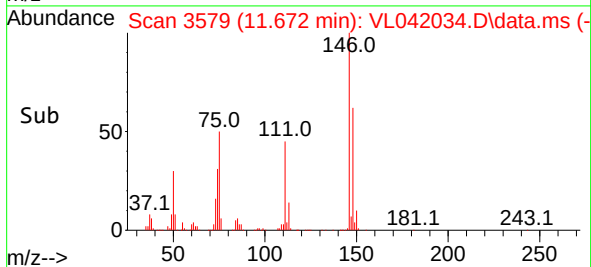
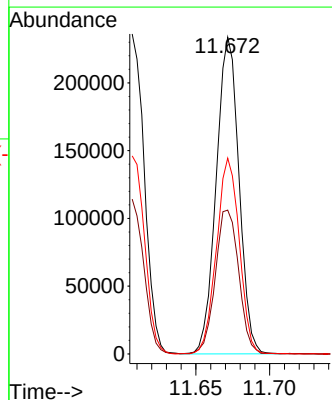
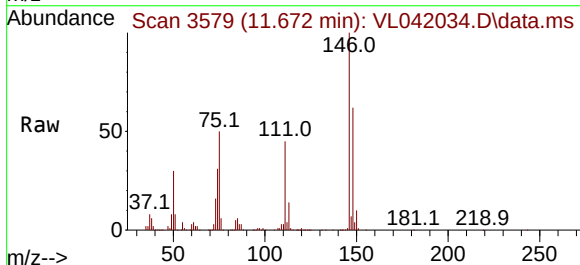
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

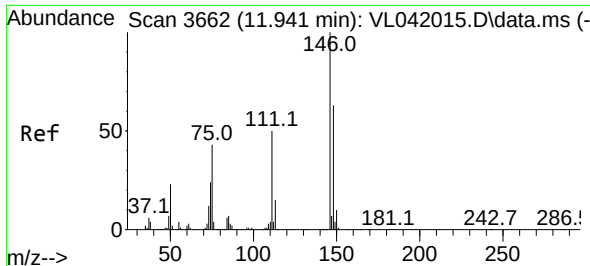
Tgt Ion:146 Resp: 254094
Ion Ratio Lower Upper
146 100
111 48.4 23.9 71.7
148 63.0 31.5 94.5



#76
1,4-Dichlorobenzene
Concen: 11.360 ppbv
RT: 11.672 min Scan# 3579
Delta R.T. -0.013 min
Lab File: VL042034.D
Acq: 21 Feb 2025 10:23

Tgt Ion:146 Resp: 250833
Ion Ratio Lower Upper
146 100
111 46.9 23.5 70.5
148 62.1 32.3 96.9

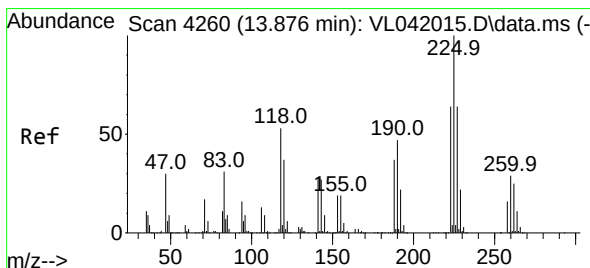
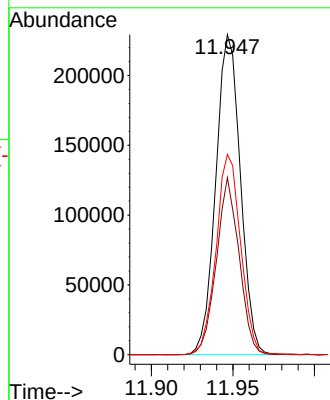
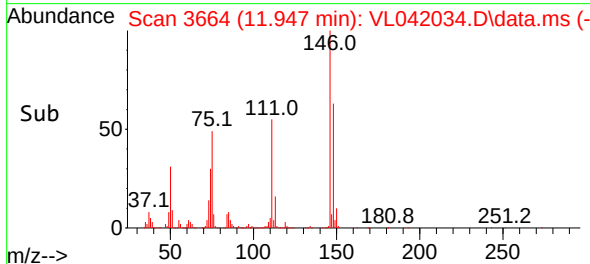
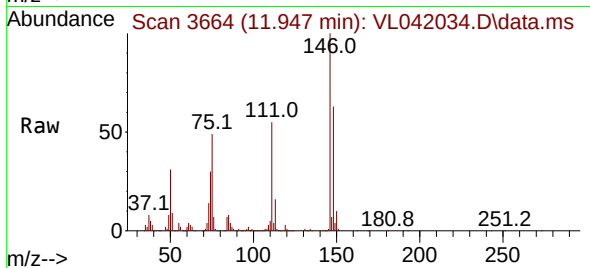




#77
1,2-Dichlorobenzene
Concen: 11.125 ppbv
RT: 11.947 min Scan# 30
Delta R.T. -0.013 min
Lab File: VL042034.D
Acq: 21 Feb 2025 10:23

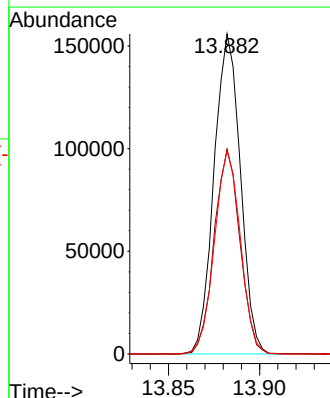
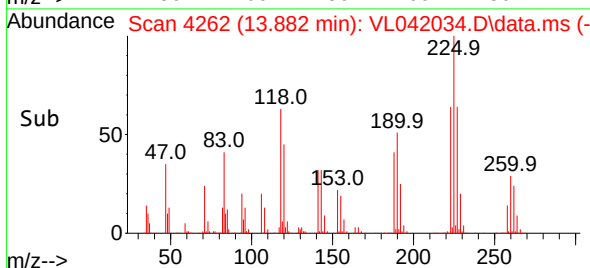
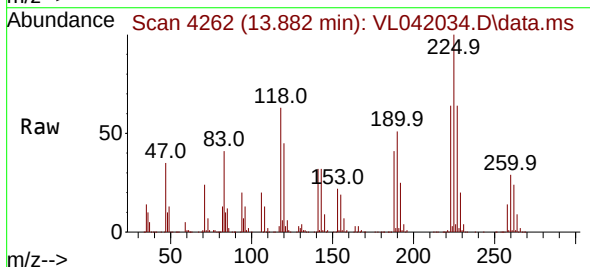
Instrument :
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ClientSampleId :
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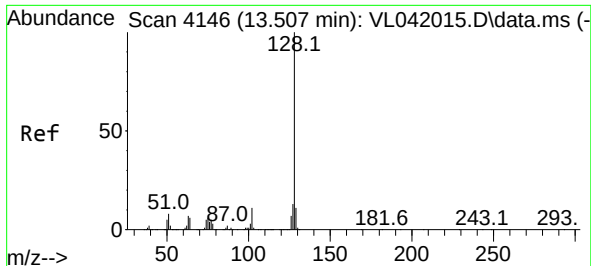
Tgt Ion:146 Resp: 240789
Ion Ratio Lower Upper
146 100
111 51.2 25.6 76.8
148 62.5 31.9 95.7



#78
Hexachloro-1,3-Butadiene
Concen: 8.734 ppbv
RT: 13.882 min Scan# 4262
Delta R.T. -0.013 min
Lab File: VL042034.D
Acq: 21 Feb 2025 10:23

Tgt Ion:225 Resp: 156406
Ion Ratio Lower Upper
225 100
223 62.5 50.6 75.8
227 62.5 50.9 76.3

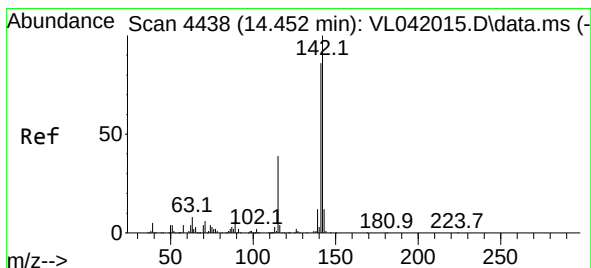
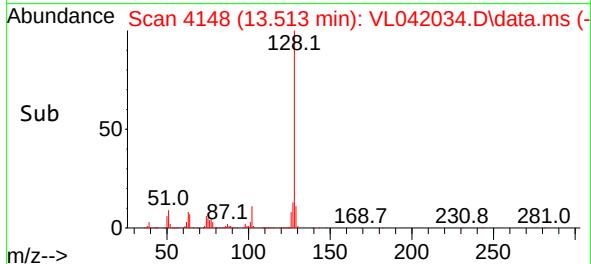
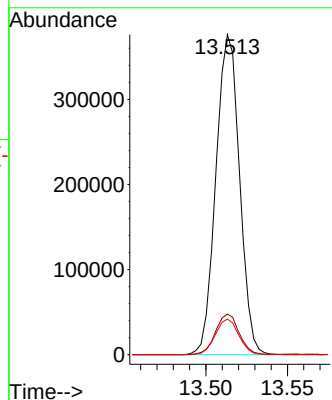
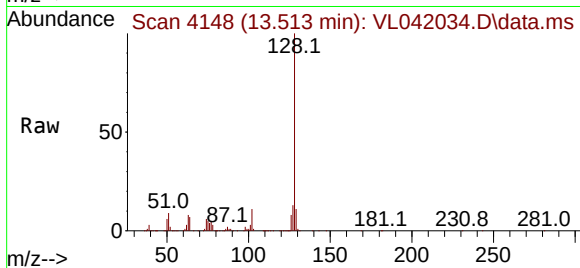




#79
Naphthalene
Concen: 9.158 ppbv
RT: 13.513 min Scan# 4146
Delta R.T. -0.013 min
Lab File: VL042034.D
Acq: 21 Feb 2025 10:23

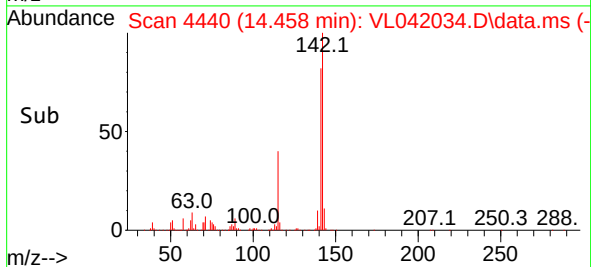
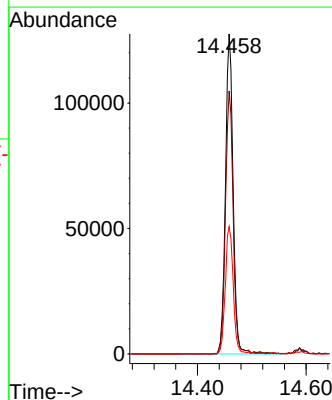
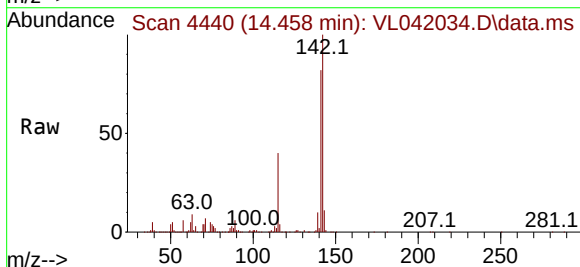
Instrument :
MSVOA_1
ClientSampleId :
VSTDCCC010

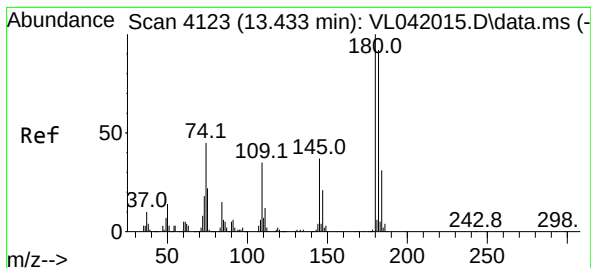
Tgt Ion:128 Resp: 378912
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.2
129 11.1 8.6 13.0



#80
Naphthalene,2-methyl-
Concen: 6.650 ppbv
RT: 14.458 min Scan# 4440
Delta R.T. -0.013 min
Lab File: VL042034.D
Acq: 21 Feb 2025 10:23

Tgt Ion:142 Resp: 124567
Ion Ratio Lower Upper
142 100
141 83.1 68.2 102.2
115 41.6 33.6 50.4





#81

1,2,4-Trichlorobenzene

Concen: 9.514 ppbv

RT: 13.442 min Scan# 41

Delta R.T. -0.013 min

Lab File: VL042034.D

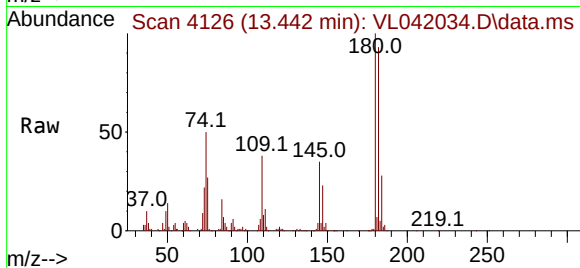
Acq: 21 Feb 2025 10:23

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010



Tgt Ion:180 Resp: 160029

Ion Ratio Lower Upper

180 100

182 95.1 75.8 113.6

184 29.7 24.2 36.4

