

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL111022\
 Data File : VL039866.D
 Acq On : 10 Nov 2022 15:53
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Nov 11 04:54:09 2022

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL110222AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022

QLast Update : Thu Nov 03 09:27:12 2022

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.192	49	1100325	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.645	114	2551313	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.452	117	2543058	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.764 95 1974186 10.372 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 103.700%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.745	85	1382523	7.442	ppbv	99
3) Chlorodifluoromethane	2.690	51	1220011	9.300	ppbv	95
4) Chloromethane	2.829	50	708253	8.672	ppbv	100
5) Vinyl Chloride	2.935	62	614782	9.297	ppbv	99
6) Bromomethane	3.131	94	201715	8.551	ppbv	99
7) Chloroethane	3.211	64	204331	8.246	ppbv	98
8) Dichlorotetrafluoroethane	2.874	85	1440316	9.098	ppbv	92
9) Propene	2.710	41	538997	7.886	ppbv	98
10) Heptane	7.568	43	1371756	8.378	ppbv	100
11) Trichlorofluoromethane	3.575	101	1517965	10.019	ppbv	99
12) 1,1,2-Trichlorotrifluo...	4.073	101	1050432	9.600	ppbv	97
13) Ethanol	3.253	45	12373	2.562	ppbv #	31
14) Bromoethene	3.378	108	456589	9.319	ppbv	99
15) Acetone	3.478	43	949425	7.089	ppbv	97
16) 1,3-Butadiene	2.999	39	537514	8.630	ppbv	98
17) tert-Butyl alcohol	3.883	59	987959	7.746	ppbv	99
18) 1,1-Dichloroethene	3.890	96	460421	9.177	ppbv	92
19) Isopropyl Alcohol	3.584	45	531489	8.018	ppbv #	33
20) Methylene Chloride	3.941	84	402539	8.401	ppbv	90
21) Allyl Chloride	4.005	41	687630	8.117	ppbv	99
22) trans-1,2-Dichloroethene	4.449	96	510990	10.035	ppbv	91
23) Vinyl Acetate	4.629	43	387034	7.254	ppbv #	96
24) 1,1-Dichloroethane	4.568	63	966258	8.866	ppbv	98
25) Ethyl Acetate	5.208	43	2353396	8.531	ppbv	99
26) Hexane	5.214	57	1013141	8.237	ppbv	99
27) Carbon Disulfide	4.128	76	1179334	9.130	ppbv	98
28) Methyl tert-Butyl Ether	4.591	73	922429	8.285	ppbv	97
29) Chloroform	5.272	83	1637368	9.467	ppbv	98
30) Cyclohexane	6.594	84	807438	7.850	ppbv	94
31) cis-1,2-Dichloroethene	5.079	61	1043663	9.305	ppbv	95
32) 1,1,1-Trichloroethane	5.999	97	1630962	9.472	ppbv	96
34) 2-Butanone	4.790	43	1076390	10.227	ppbv	99
35) Carbon Tetrachloride	6.488	117	1613868	10.852	ppbv	98
36) Benzene	6.365	78	2079104	9.661	ppbv	96
37) 1,2-Dichloroethane	5.803	62	1349166	13.066	ppbv #	96
38) Trichloroethene	7.282	130	1107598	9.615	ppbv	93
39) 1,2-Dichloropropane	7.063	63	859701	10.253	ppbv	94
40) 1,4-Dioxane	7.279	88	291490	9.078	ppbv #	1
41) Tetrahydrofuran	5.555	42	852549	9.692	ppbv	98
42) Bromodichloromethane	7.240	83	1833632	11.118	ppbv	99
43) Methyl Methacrylate	7.468	69	850253	9.997	ppbv	91
44) 2,2,4-Trimethylpentane	7.317	57	3577921	9.849	ppbv	97
45) t-1,3-Dichloropropene	8.697	75	838222	10.288	ppbv	96

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Quant Time: Nov 11 04:54:09 2022

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL110222AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022

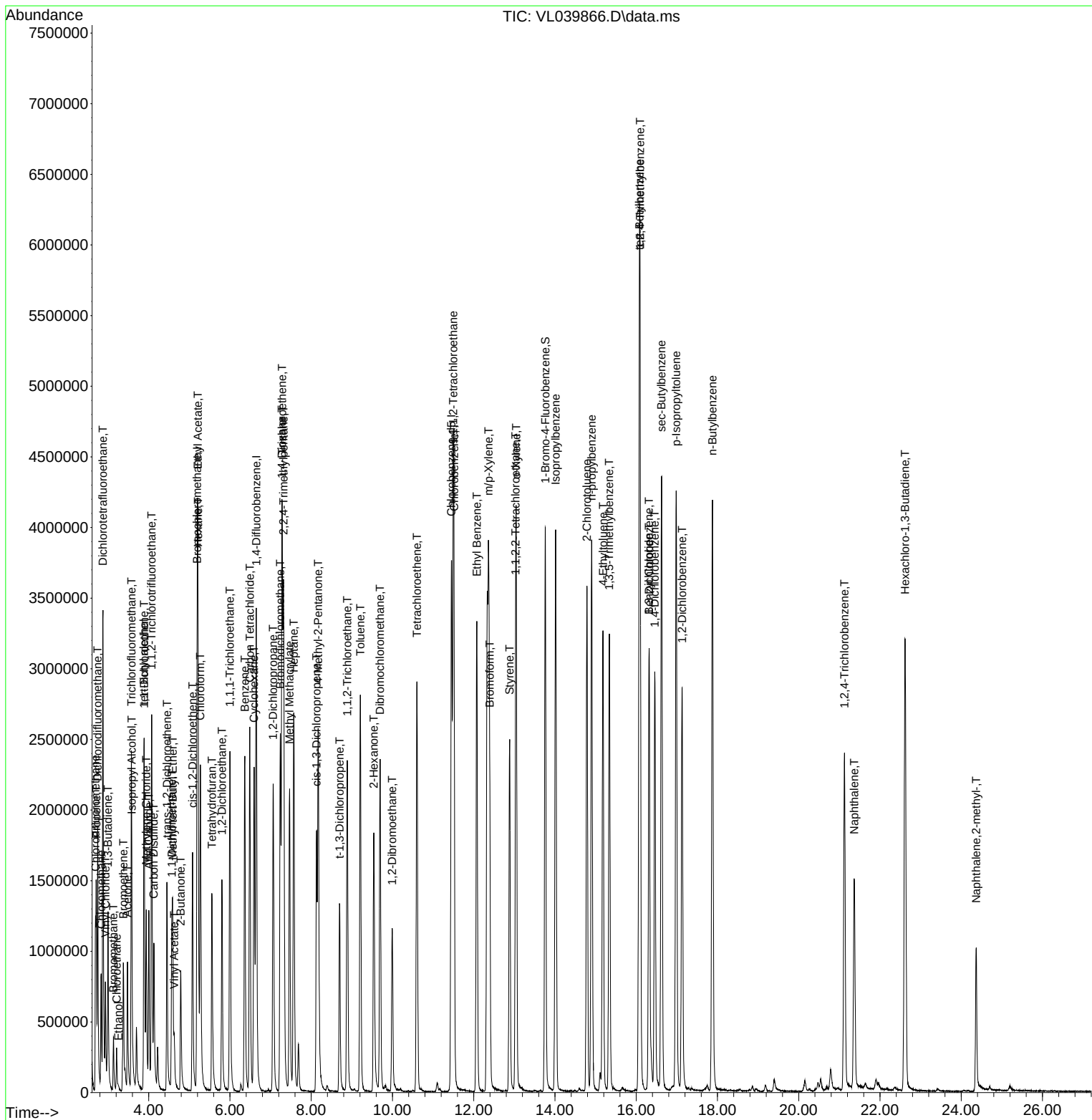
QLast Update : Thu Nov 03 09:27:12 2022

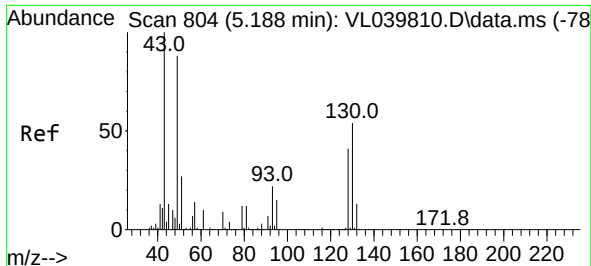
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.131	75	1120737	10.078	ppbv	95
47) 1,1,2-Trichloroethane	8.886	97	830562	9.782	ppbv	93
48) Dibromochloromethane	9.696	129	1427627	9.868	ppbv	100
49) Bromoform	12.394	173	1140319	9.806	ppbv	99
50) 4-Methyl-2-Pentanone	8.172	43	2226396	10.332	ppbv	99
51) 2-Hexanone	9.542	43	1796444	10.692	ppbv #	98
52) Tetrachloroethene	10.603	164	671541	8.329	ppbv	93
53) Toluene	9.211	91	2298962	9.311	ppbv	100
54) 1,2-Dibromoethane	9.995	107	983125	10.433	ppbv	97
56) 1,1,1,2-Tetrachloroethane	11.494	131	980006	9.014	ppbv	98
57) Chlorobenzene	11.516	112	1658760	8.599	ppbv	88
58) Ethyl Benzene	12.076	91	3141455	9.136	ppbv	95
59) m/p-Xylene	12.362	91	3011877	10.493	ppbv #	58
60) o-Xylene	13.047	91	2540870	9.344	ppbv	95
61) Styrene	12.886	104	1482859	8.862	ppbv	95
62) Isopropylbenzene	14.018	105	3574056	9.010	ppbv	96
63) 1,1,2,2-Tetrachloroethane	13.031	83	924320	9.128	ppbv	98
64) n-propylbenzene	14.905	120	899592	8.478	ppbv	78
65) tert-Butylbenzene	16.076	119	3065398	8.801	ppbv	91
66) Benzyl Chloride	16.314	91	163091	4.027	ppbv	95
67) sec-Butylbenzene	16.622	105	4427861	9.339	ppbv	97
69) p-Isopropyltoluene	16.982	119	3483558	8.858	ppbv	95
70) n-Butylbenzene	17.876	91	3786957	9.961	ppbv	97
71) 2-Chlorotoluene	14.786	91	2844131	9.542	ppbv	95
72) 4-Ethyltoluene	15.182	105	2832132	9.249	ppbv	96
73) 1,3,5-Trimethylbenzene	15.336	105	2566093	9.453	ppbv	90
74) 1,2,4-Trimethylbenzene	16.095	105	2704593	9.378	ppbv	94
75) 1,3-Dichlorobenzene	16.314	146	1501690	8.918	ppbv	97
76) 1,4-Dichlorobenzene	16.458	146	1445223	8.746	ppbv	98
77) 1,2-Dichlorobenzene	17.130	146	1467934	9.247	ppbv	98
78) Hexachloro-1,3-Butadiene	22.619	225	886879	7.540	ppbv	99
79) Naphthalene	21.365	128	1840915	8.780	ppbv	100
80) Naphthalene,2-methyl-	24.368	142	669380	7.530	ppbv #	96
81) 1,2,4-Trichlorobenzene	21.127	180	1009968	8.611	ppbv	100

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

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL110222AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Thu Nov 03 09:27:12 2022
Response via : Initial Calibration

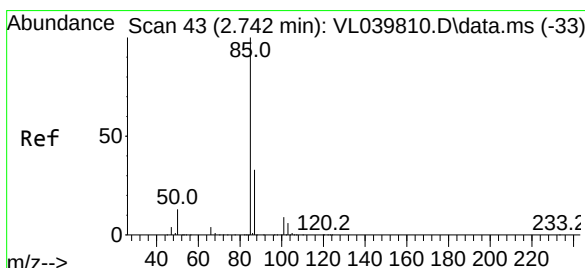
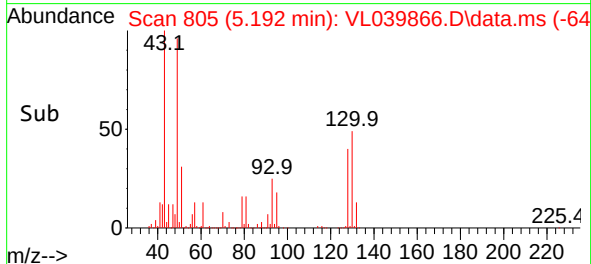
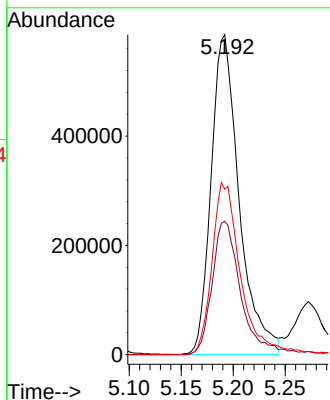
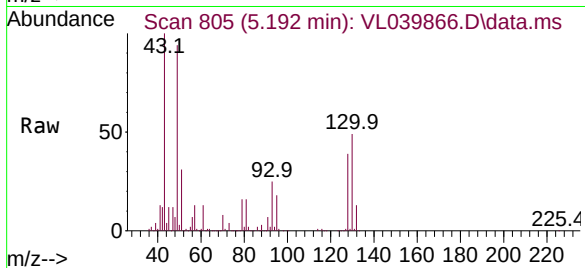




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.192 min Scan# 80
Delta R.T. 0.004 min
Lab File: VL039866.D
Acq: 10 Nov 2022 15:53

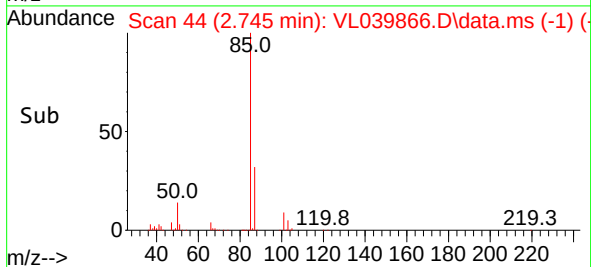
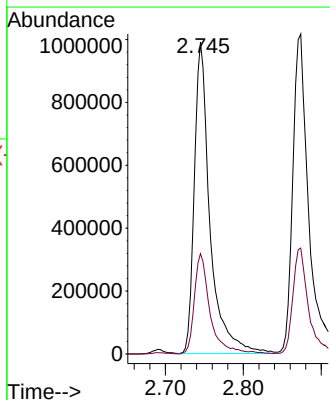
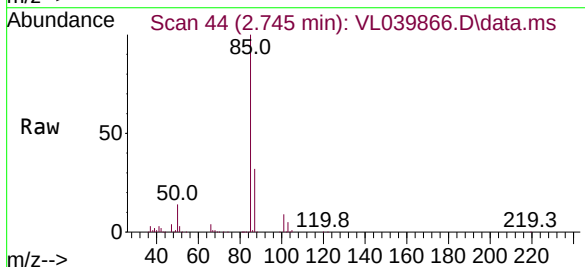
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MSVOA_L
ClientSampleId :

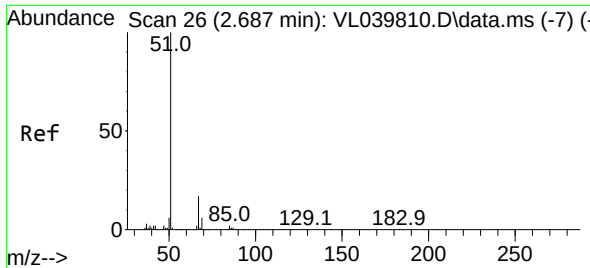
Tgt Ion: 49 Resp: 1100325
Ion Ratio Lower Upper
49 100
128 43.1 24.6 73.6
130 56.2 31.1 93.2



#2
Dichlorodifluoromethane
Concen: 7.442 ppbv
RT: 2.745 min Scan# 44
Delta R.T. 0.003 min
Lab File: VL039866.D
Acq: 10 Nov 2022 15:53

Tgt Ion: 85 Resp: 1382523
Ion Ratio Lower Upper
85 100
87 32.2 26.4 39.6

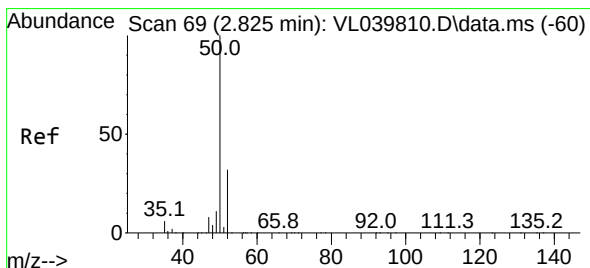
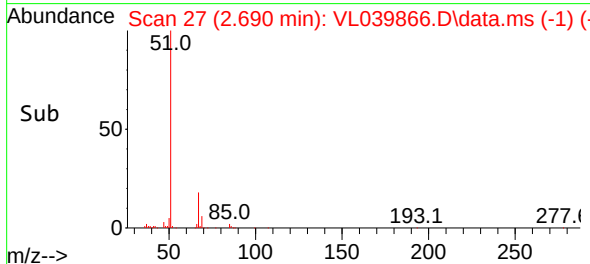
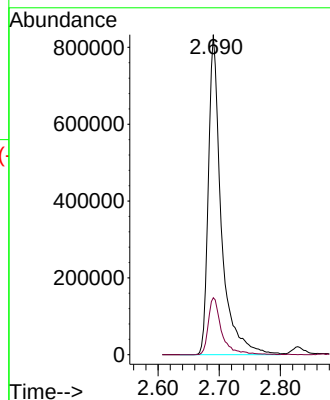
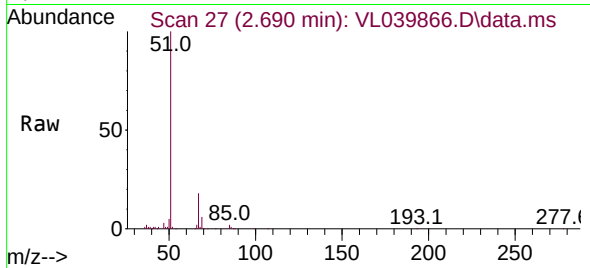




#3
Chlorodifluoromethane
Concen: 9.300 ppbv
RT: 2.690 min Scan# 21
Delta R.T. 0.003 min
Lab File: VL039866.D
Acq: 10 Nov 2022 15:53

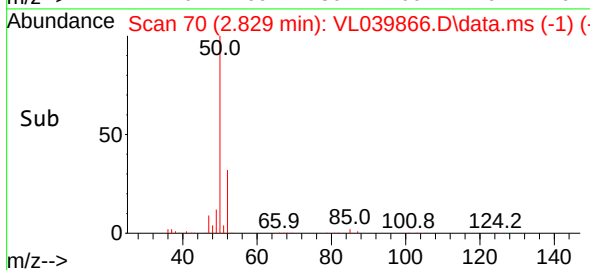
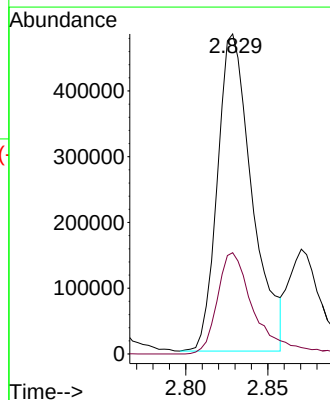
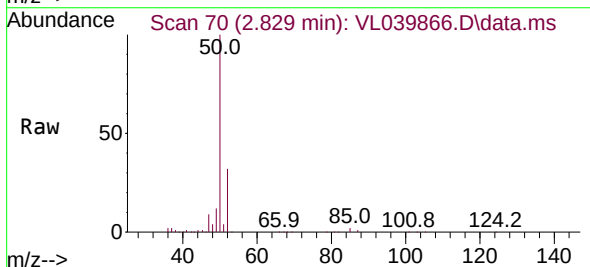
Instrument :
MSVOA_L
ClientSampleId :

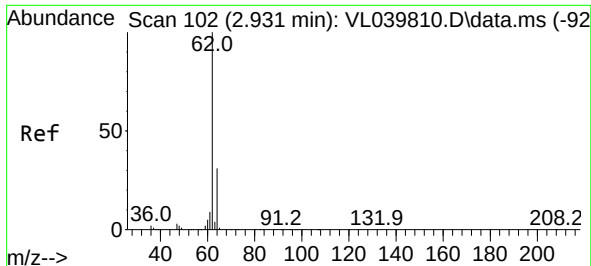
Tgt Ion: 51 Resp: 1220011
Ion Ratio Lower Upper
51 100
67 18.6 13.2 19.8



#4
Chloromethane
Concen: 8.672 ppbv
RT: 2.829 min Scan# 70
Delta R.T. 0.003 min
Lab File: VL039866.D
Acq: 10 Nov 2022 15:53

Tgt Ion: 50 Resp: 708253
Ion Ratio Lower Upper
50 100
52 31.9 25.5 38.3

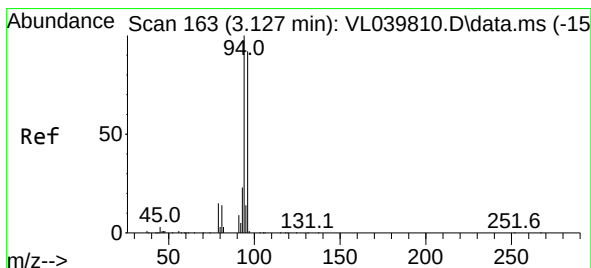
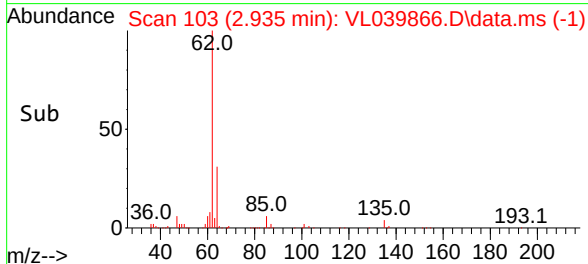
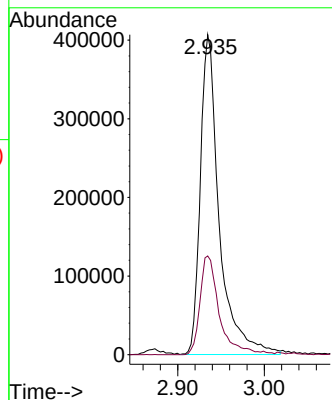
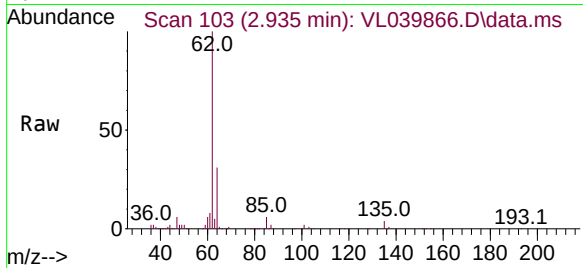




#5
 Vinyl Chloride
 Concen: 9.297 ppbv
 RT: 2.935 min Scan# 102
 Delta R.T. 0.003 min
 Lab File: VL039866.D
 Acq: 10 Nov 2022 15:53

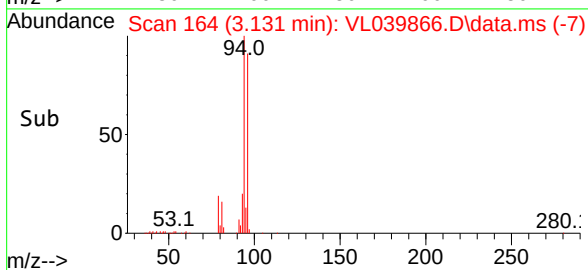
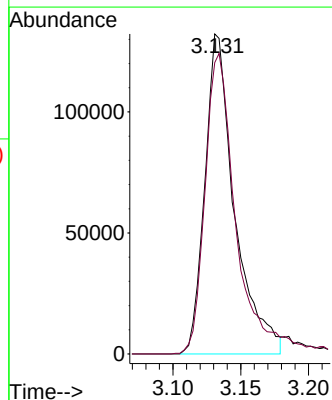
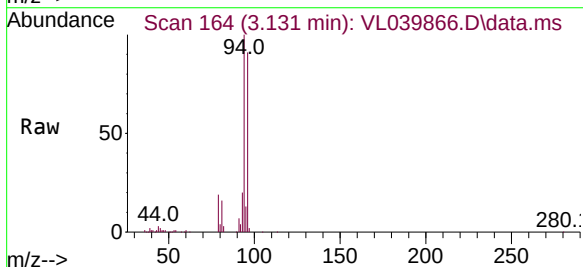
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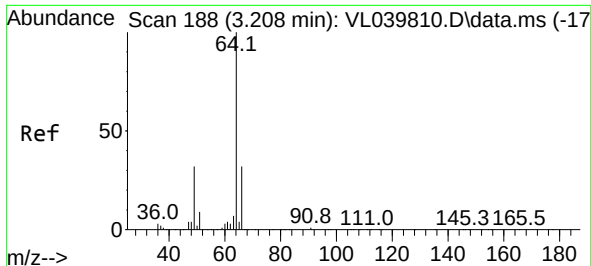
Tgt Ion: 62 Resp: 614782
 Ion Ratio Lower Upper
 62 100
 64 30.8 25.0 37.4



#6
 Bromomethane
 Concen: 8.551 ppbv
 RT: 3.131 min Scan# 164
 Delta R.T. 0.003 min
 Lab File: VL039866.D
 Acq: 10 Nov 2022 15:53

Tgt Ion: 94 Resp: 201715
 Ion Ratio Lower Upper
 94 100
 96 90.9 73.5 110.3

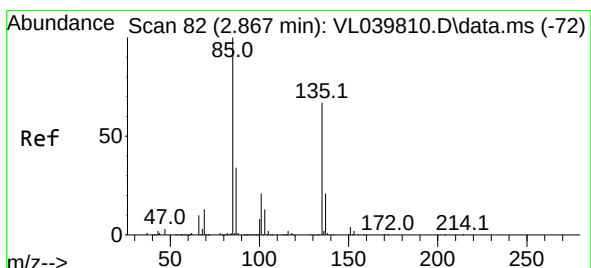
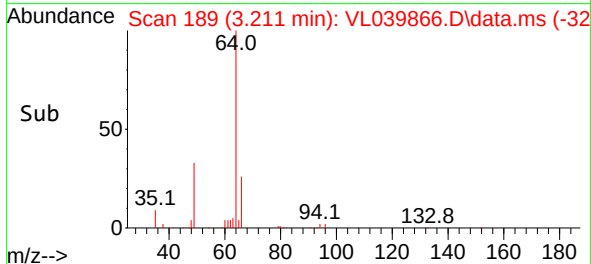
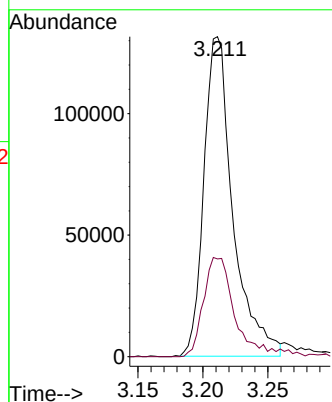
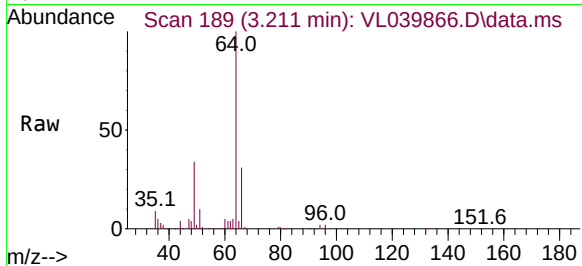




#7
Chloroethane
Concen: 8.246 ppbv
RT: 3.211 min Scan# 11
Delta R.T. 0.003 min
Lab File: VL039866.D
Acq: 10 Nov 2022 15:53

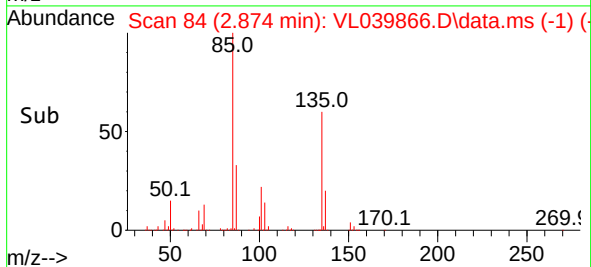
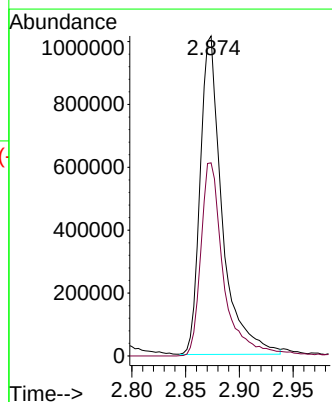
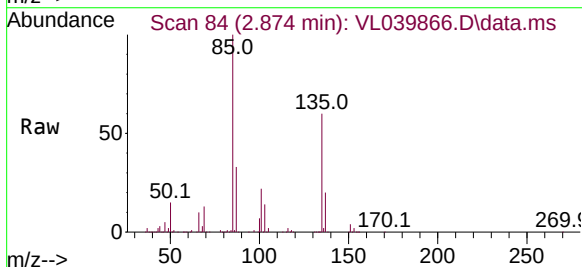
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ClientSampleId :

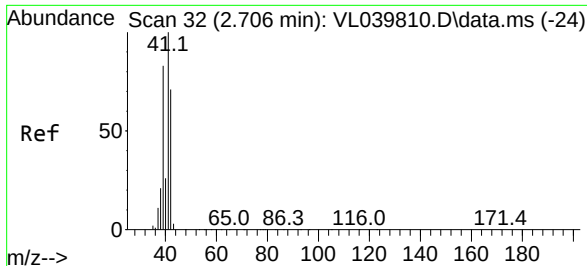
Tgt Ion: 64 Resp: 204331
Ion Ratio Lower Upper
64 100
66 30.6 25.5 38.3



#8
Dichlorotetrafluoroethane
Concen: 9.098 ppbv
RT: 2.874 min Scan# 84
Delta R.T. 0.007 min
Lab File: VL039866.D
Acq: 10 Nov 2022 15:53

Tgt Ion: 85 Resp: 1440316
Ion Ratio Lower Upper
85 100
135 64.2 56.7 85.1

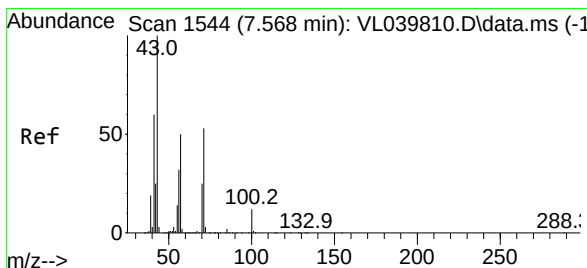
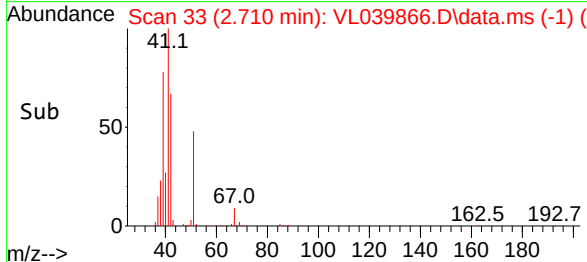
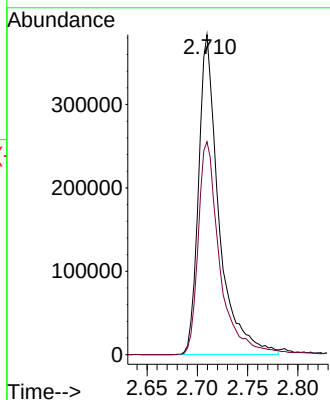
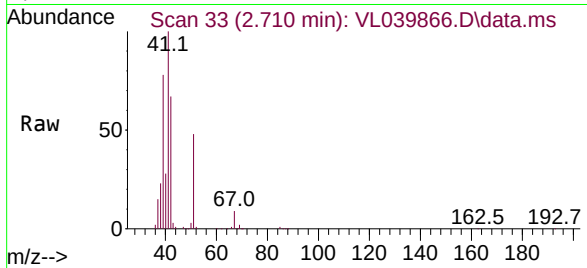




#9
 Propene
 Concen: 7.886 ppbv
 RT: 2.710 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: VL039866.D
 Acq: 10 Nov 2022 15:53

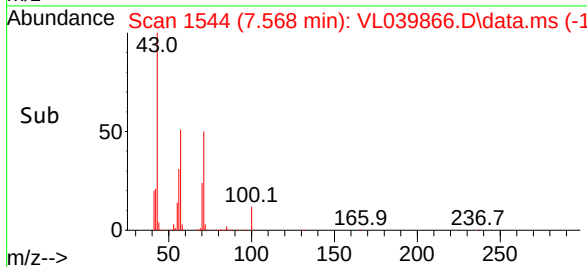
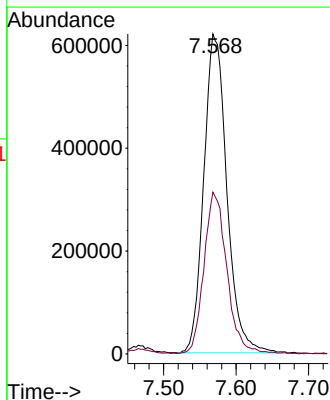
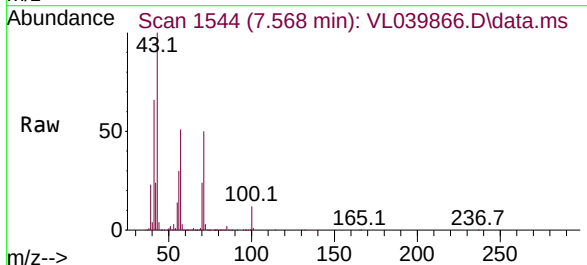
Instrument :
 MSVOA_L
 ClientSampleId :

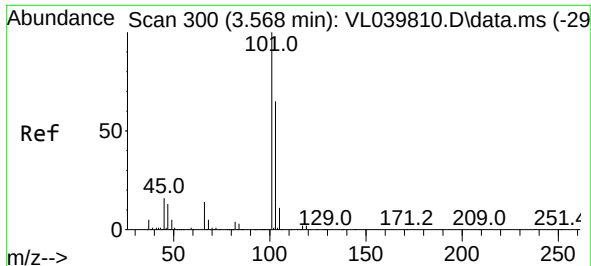
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 Ion Ratio Lower Upper
 41 100
 42 71.6 56.3 84.5



#10
 Heptane
 Concen: 8.378 ppbv
 RT: 7.568 min Scan# 1544
 Delta R.T. 0.000 min
 Lab File: VL039866.D
 Acq: 10 Nov 2022 15:53

Tgt Ion: 43 Resp: 1371756
 Ion Ratio Lower Upper
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 57 50.4 40.5 60.7

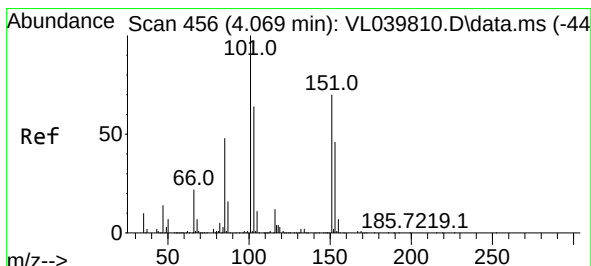
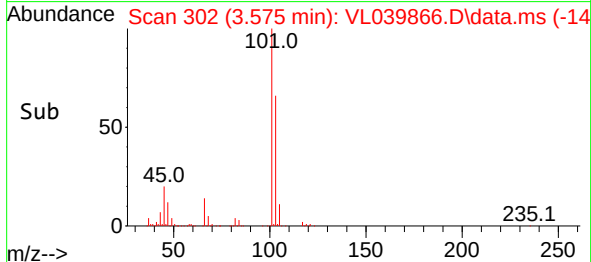
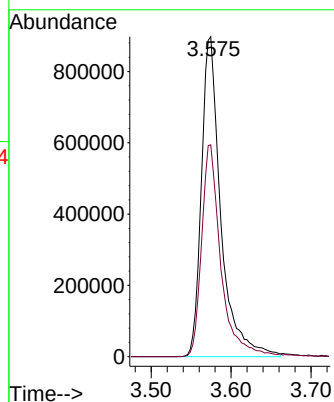
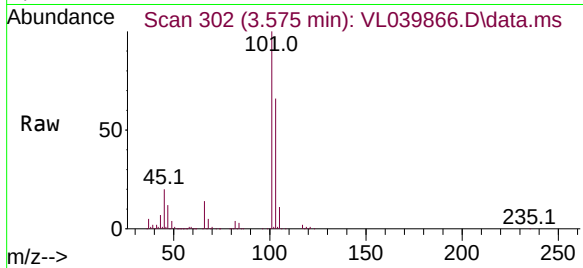




#11
 Trichlorofluoromethane
 Concen: 10.019 ppbv
 RT: 3.575 min Scan# 301
 Delta R.T. 0.007 min
 Lab File: VL039866.D
 Acq: 10 Nov 2022 15:53

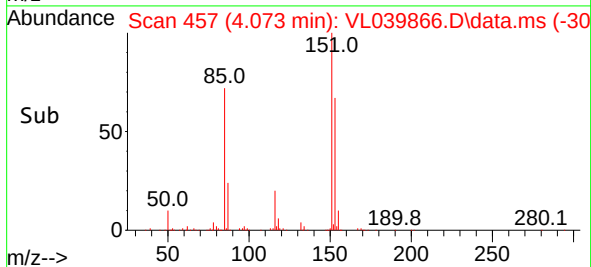
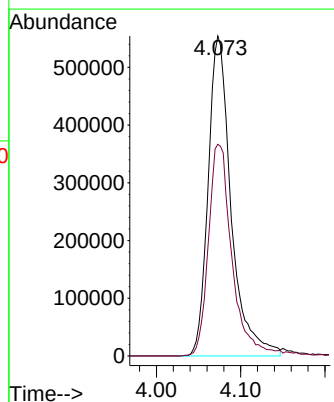
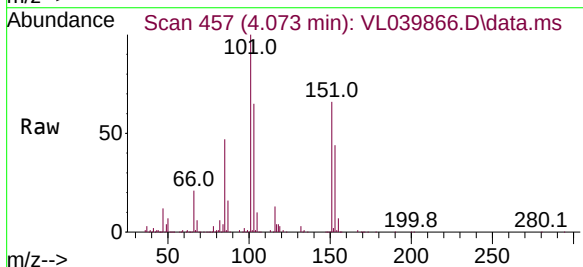
Instrument :
 MSVOA_L
 ClientSampleId :

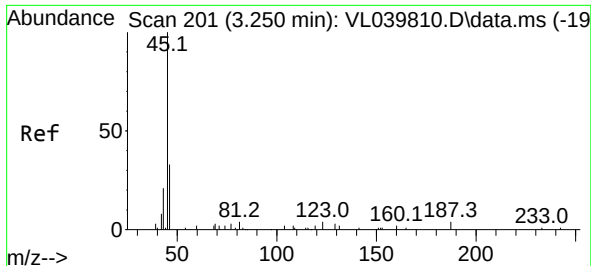
Tgt Ion:101 Resp: 1517965
 Ion Ratio Lower Upper
 101 100
 103 66.1 52.2 78.2



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 9.600 ppbv
 RT: 4.073 min Scan# 457
 Delta R.T. 0.003 min
 Lab File: VL039866.D
 Acq: 10 Nov 2022 15:53

Tgt Ion:101 Resp: 1050432
 Ion Ratio Lower Upper
 101 100
 151 68.9 57.2 85.8

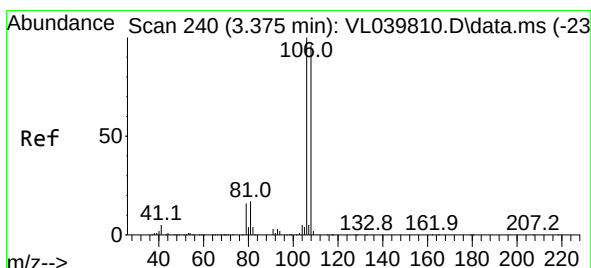
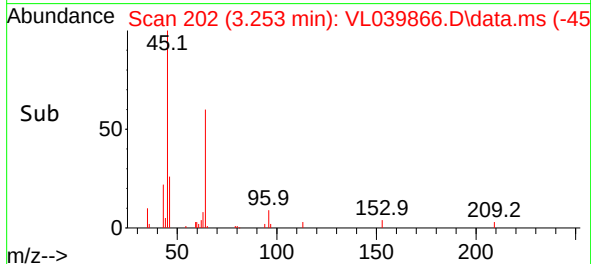
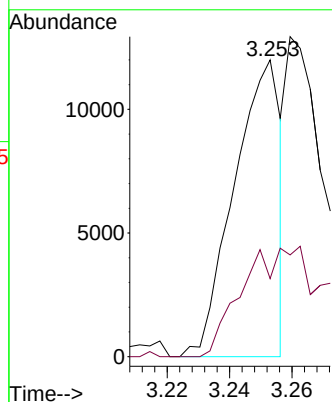
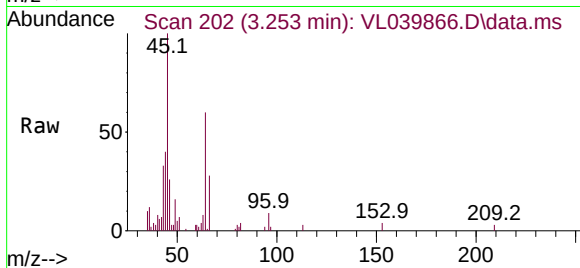




#13
Ethanol
Concen: 2.562 ppbv
RT: 3.253 min Scan# 201
Delta R.T. 0.003 min
Lab File: VL039866.D
Acq: 10 Nov 2022 15:53

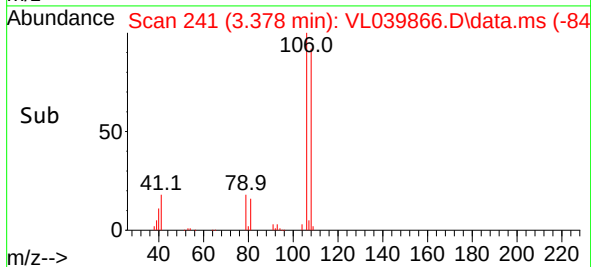
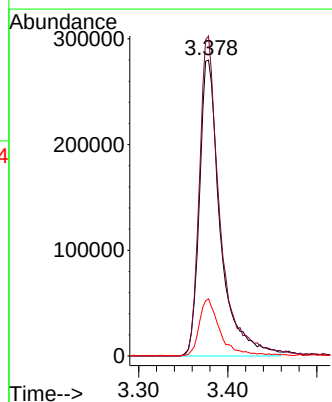
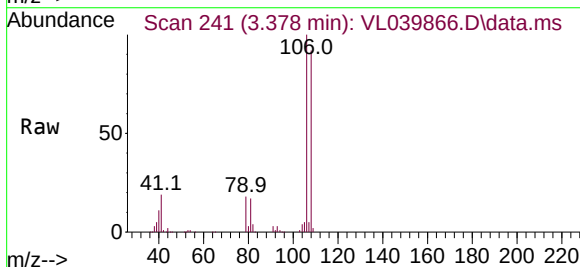
Instrument :
MSVOA_L
ClientSampleId :

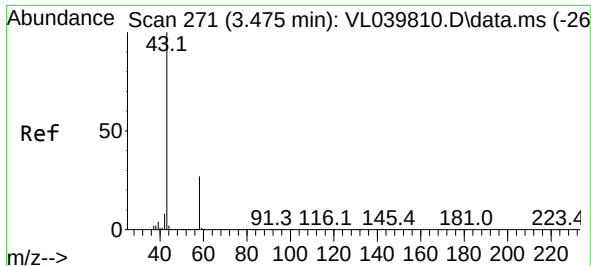
Tgt Ion: 45 Resp: 12373
Ion Ratio Lower Upper
45 100
46 84.3 16.5 65.9#



#14
Bromoethene
Concen: 9.319 ppbv
RT: 3.378 min Scan# 241
Delta R.T. 0.003 min
Lab File: VL039866.D
Acq: 10 Nov 2022 15:53

Tgt Ion:108 Resp: 456589
Ion Ratio Lower Upper
108 100
106 108.6 87.8 131.8
79 19.8 14.5 21.7

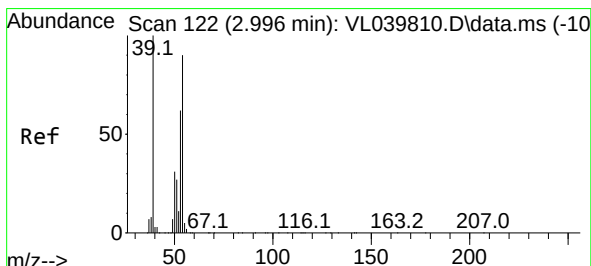
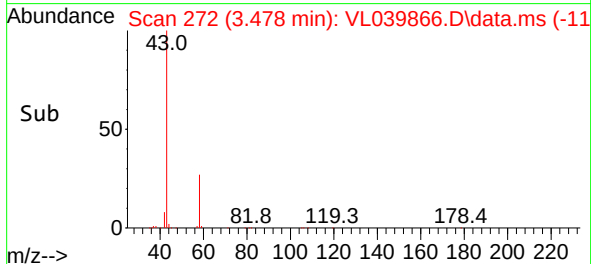
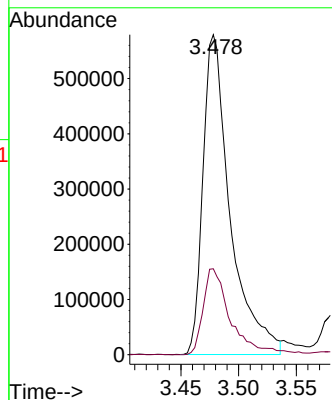
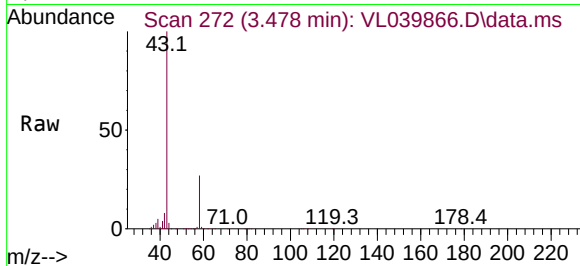




#15
Acetone
Concen: 7.089 ppbv
RT: 3.478 min Scan# 21
Delta R.T. 0.003 min
Lab File: VL039866.D
Acq: 10 Nov 2022 15:53

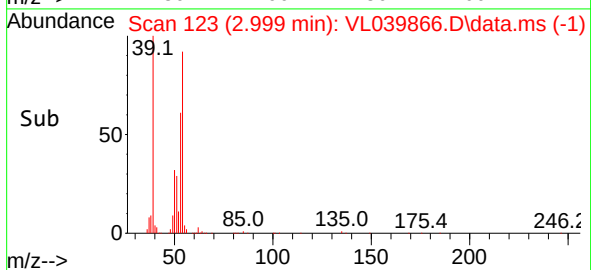
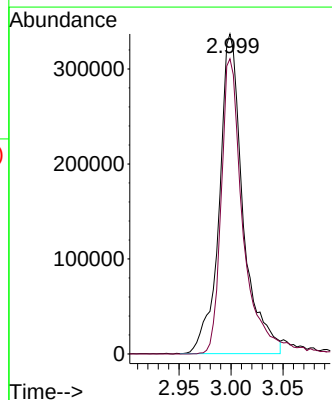
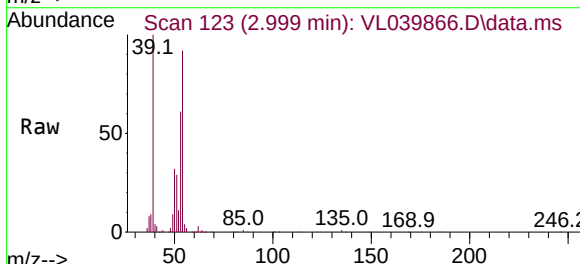
Instrument :
MSVOA_L
ClientSampleId :

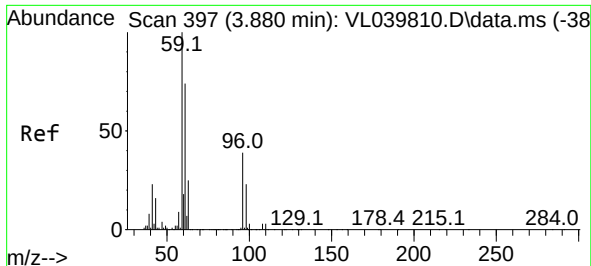
Tgt Ion: 43 Resp: 949425
Ion Ratio Lower Upper
43 100
58 27.2 23.2 34.8



#16
1,3-Butadiene
Concen: 8.630 ppbv
RT: 2.999 min Scan# 123
Delta R.T. 0.003 min
Lab File: VL039866.D
Acq: 10 Nov 2022 15:53

Tgt Ion: 39 Resp: 537514
Ion Ratio Lower Upper
39 100
54 87.3 71.0 106.4





#17

tert-Butyl alcohol

Concen: 7.746 ppbv

RT: 3.883 min Scan# 397

Delta R.T. 0.003 min

Lab File: VL039866.D

Acq: 10 Nov 2022 15:53

Instrument :

MSVOA_L

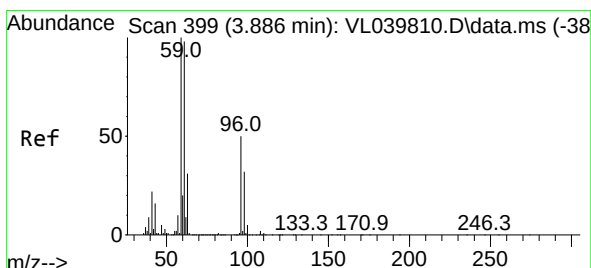
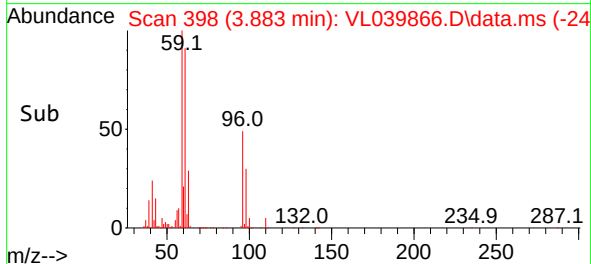
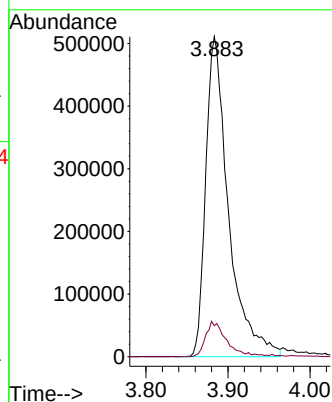
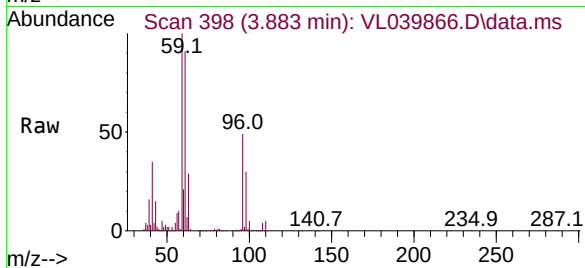
ClientSampleId :

Tgt Ion: 59 Resp: 987959

Ion Ratio Lower Upper

59 100

57 10.7 9.0 13.6



#18

1,1-Dichloroethene

Concen: 9.177 ppbv

RT: 3.890 min Scan# 400

Delta R.T. 0.003 min

Lab File: VL039866.D

Acq: 10 Nov 2022 15:53

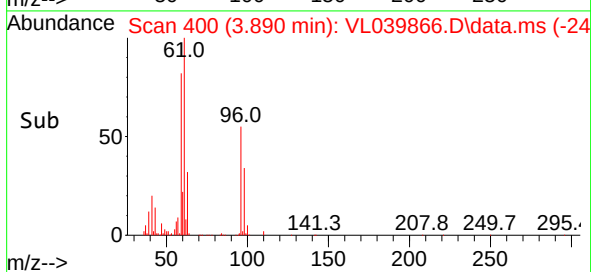
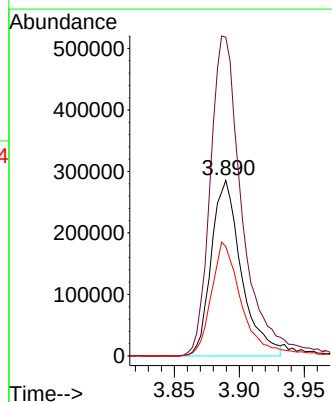
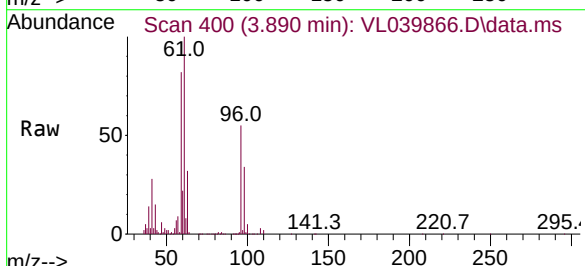
Tgt Ion: 96 Resp: 460421

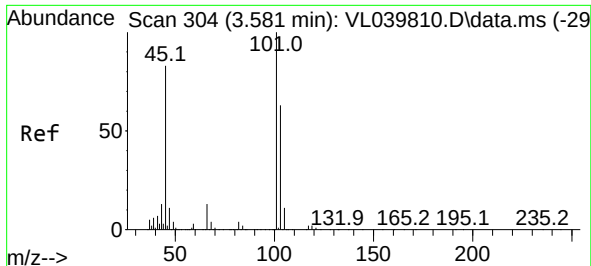
Ion Ratio Lower Upper

96 100

61 181.5 156.9 235.3

98 62.3 50.6 75.8

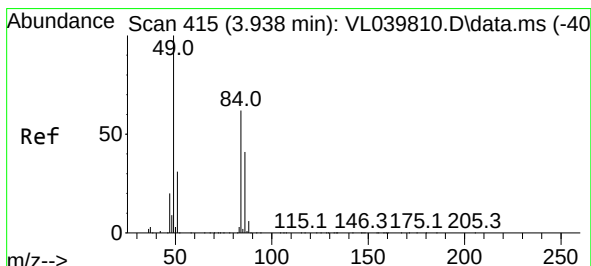
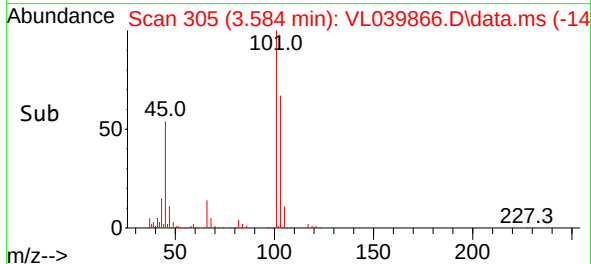
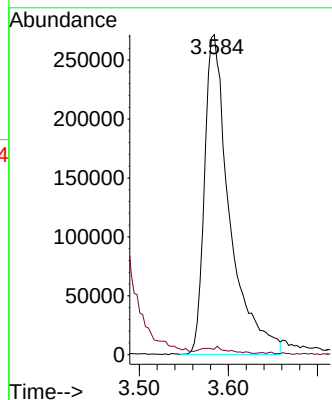
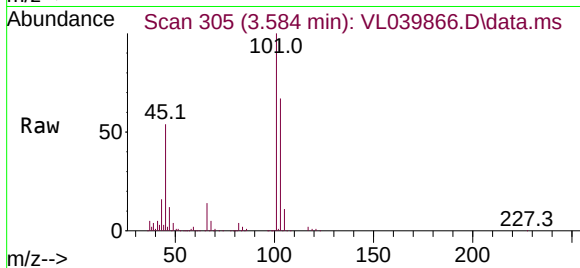




#19
Isopropyl Alcohol
Concen: 8.018 ppbv
RT: 3.584 min Scan# 304
Delta R.T. 0.003 min
Lab File: VL039866.D
Acq: 10 Nov 2022 15:53

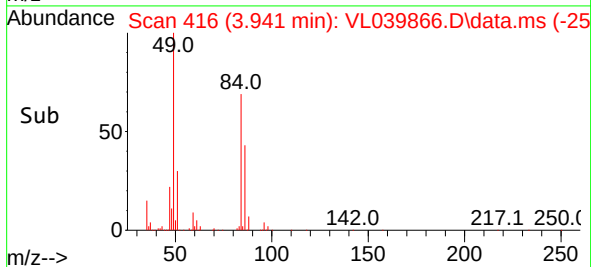
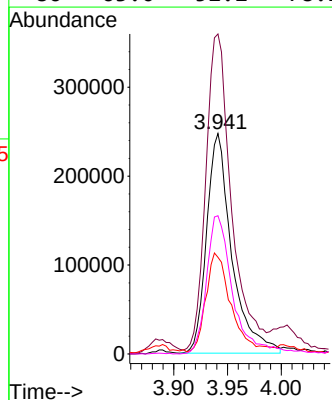
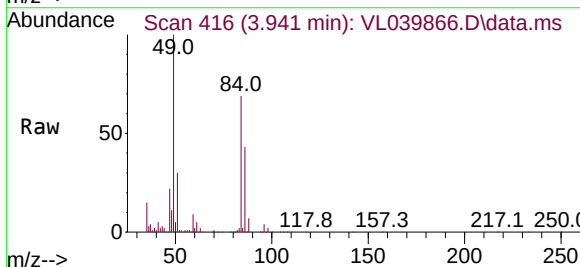
Instrument :
MSVOA_L
ClientSampleId :

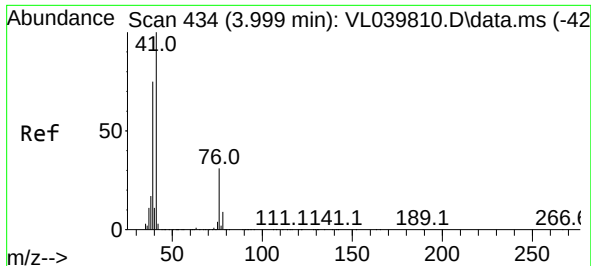
Tgt Ion: 45 Resp: 531489
Ion Ratio Lower Upper
45 100
58 2.6 38.3 57.5#



#20
Methylene Chloride
Concen: 8.401 ppbv
RT: 3.941 min Scan# 416
Delta R.T. 0.003 min
Lab File: VL039866.D
Acq: 10 Nov 2022 15:53

Tgt Ion: 84 Resp: 402539
Ion Ratio Lower Upper
84 100
49 143.6 128.6 192.8
51 42.7 40.2 60.4
86 63.0 52.2 78.2





#21

Allyl Chloride

Concen: 8.117 ppbv

RT: 4.005 min Scan# 41

Delta R.T. 0.007 min

Lab File: VL039866.D

Acq: 10 Nov 2022 15:53

Instrument :

MSVOA_L

ClientSampleId :

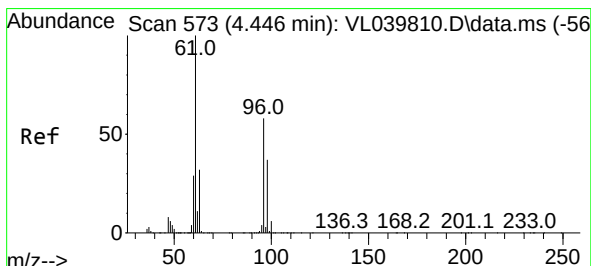
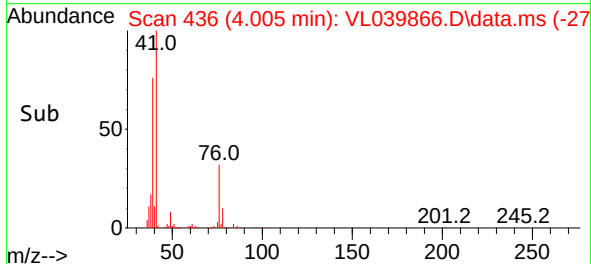
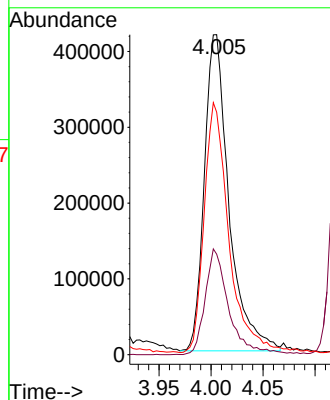
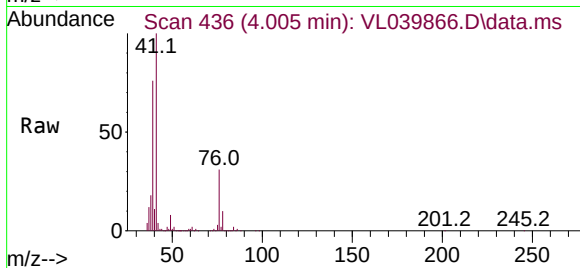
Tgt Ion: 41 Resp: 687630

Ion Ratio Lower Upper

41 100

76 32.0 24.1 36.1

39 80.7 64.3 96.5



#22

trans-1,2-Dichloroethene

Concen: 10.035 ppbv

RT: 4.449 min Scan# 574

Delta R.T. 0.003 min

Lab File: VL039866.D

Acq: 10 Nov 2022 15:53

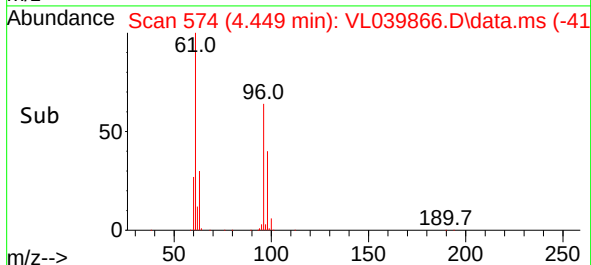
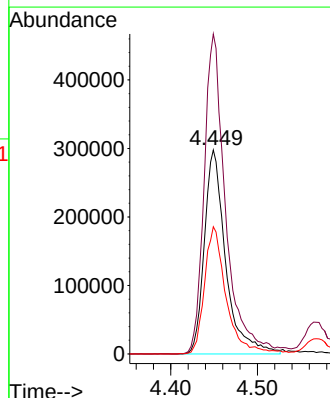
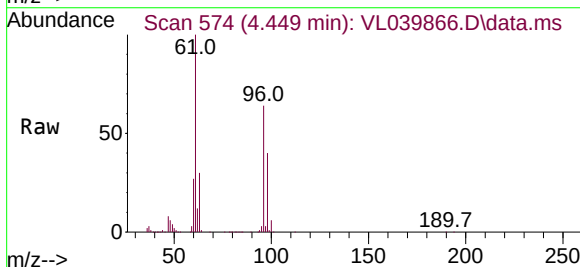
Tgt Ion: 96 Resp: 510990

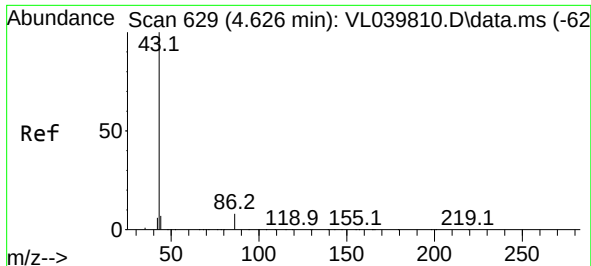
Ion Ratio Lower Upper

96 100

61 156.6 137.6 206.4

98 62.2 51.2 76.8

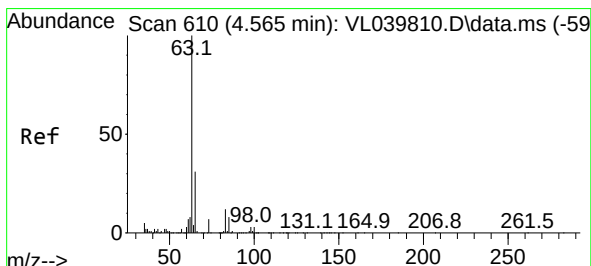
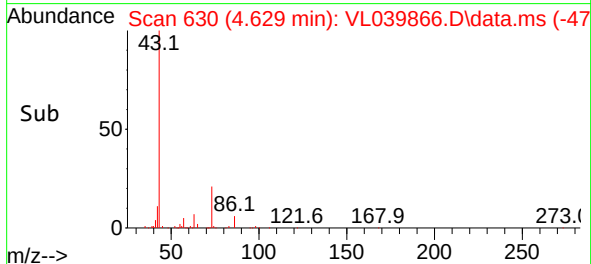
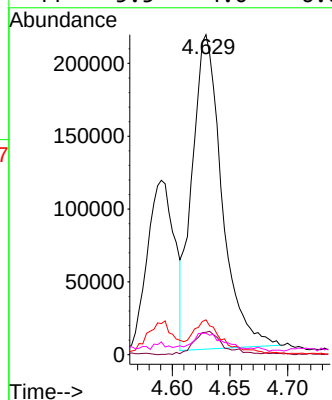
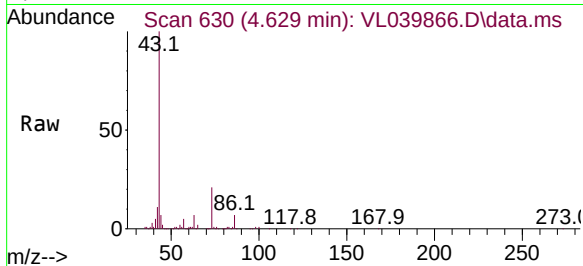




#23
 Vinyl Acetate
 Concen: 7.254 ppbv
 RT: 4.629 min Scan# 611
 Delta R.T. 0.003 min
 Lab File: VL039866.D
 Acq: 10 Nov 2022 15:53

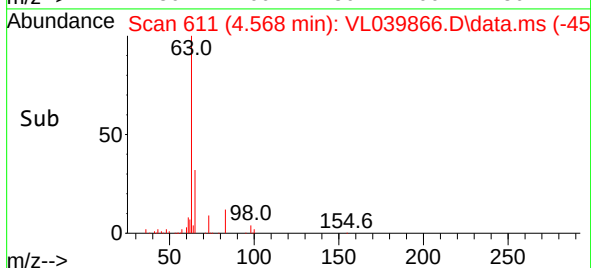
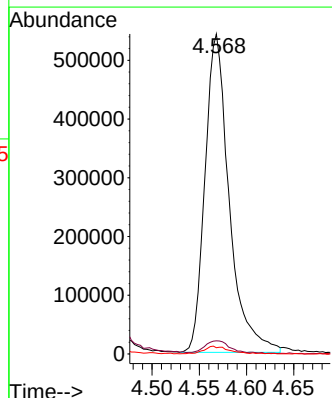
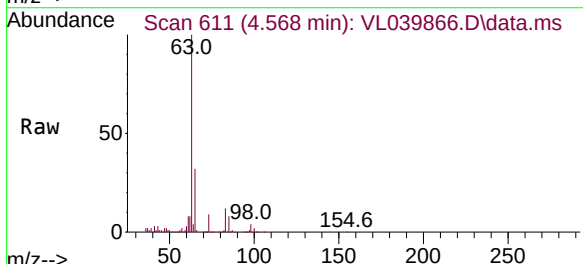
Instrument :
 MSVOA_1
 ClientSampleId :

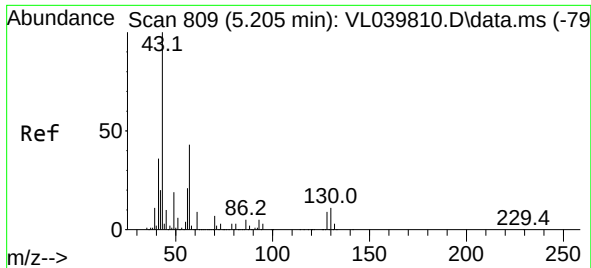
Tgt Ion:	43	Resp:	387034
Ion	Ratio	Lower	Upper
43	100		
86	6.9	5.0	7.4
42	10.7	6.8	10.2
44	5.5	4.0	6.0



#24
 1,1-Dichloroethane
 Concen: 8.866 ppbv
 RT: 4.568 min Scan# 611
 Delta R.T. 0.003 min
 Lab File: VL039866.D
 Acq: 10 Nov 2022 15:53

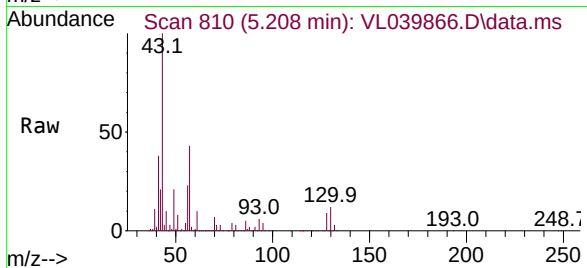
Tgt Ion:	63	Resp:	966258
Ion	Ratio	Lower	Upper
63	100		
98	3.9	1.8	5.4
100	1.9	1.5	4.4





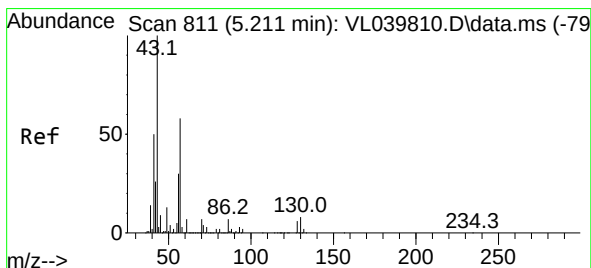
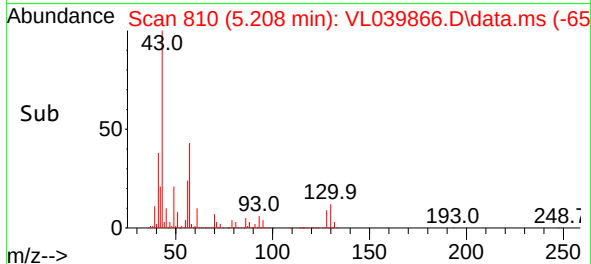
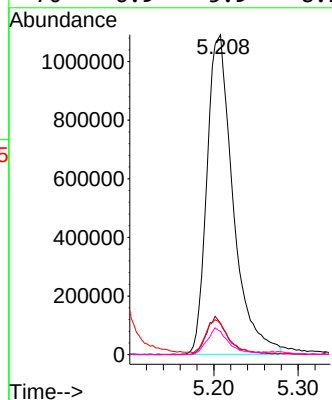
#25
Ethyl Acetate
Concen: 8.531 ppbv
RT: 5.208 min Scan# 810
Delta R.T. 0.003 min
Lab File: VL039866.D
Acq: 10 Nov 2022 15:53

Instrument :
MSVOA_L
ClientSampleId :



Tgt Ion: 43 Resp: 2353396

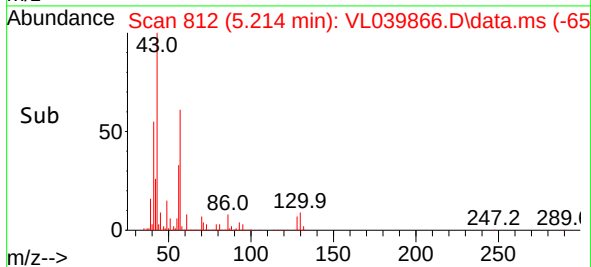
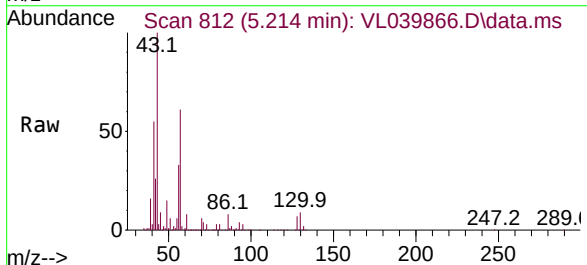
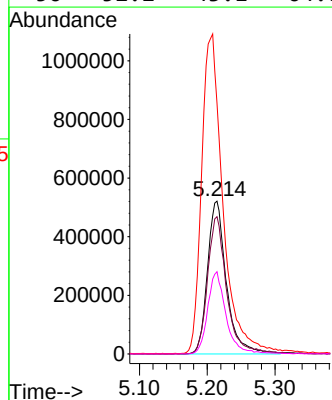
Ion	Ratio	Lower	Upper
43	100		
45	10.3	8.2	12.2
61	10.7	8.1	12.1
70	6.9	5.9	8.9

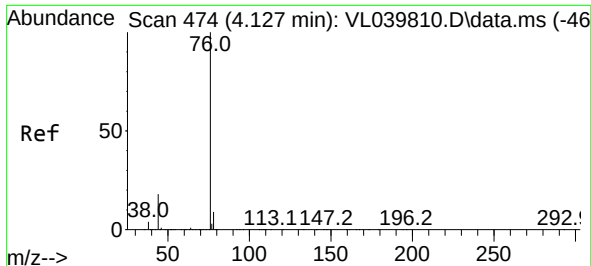


#26
Hexane
Concen: 8.237 ppbv
RT: 5.214 min Scan# 812
Delta R.T. 0.003 min
Lab File: VL039866.D
Acq: 10 Nov 2022 15:53

Tgt Ion: 57 Resp: 1013141

Ion	Ratio	Lower	Upper
57	100		
41	91.7	73.7	110.5
43	239.1	189.8	284.8
56	52.2	43.1	64.7

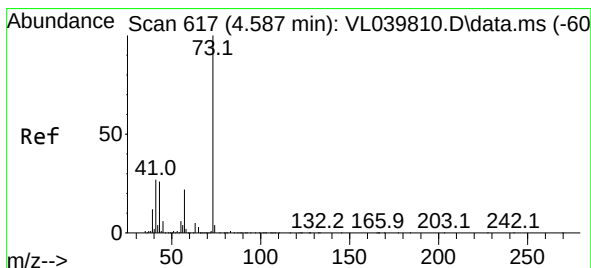
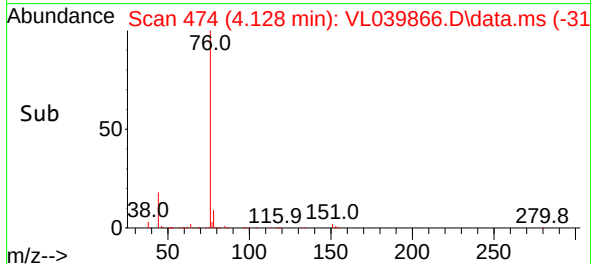
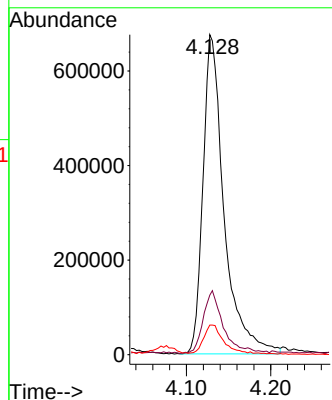
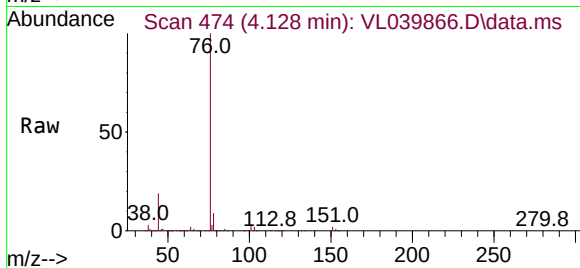




#27
Carbon Disulfide
Concen: 9.130 ppbv
RT: 4.128 min Scan# 41
Delta R.T. 0.000 min
Lab File: VL039866.D
Acq: 10 Nov 2022 15:53

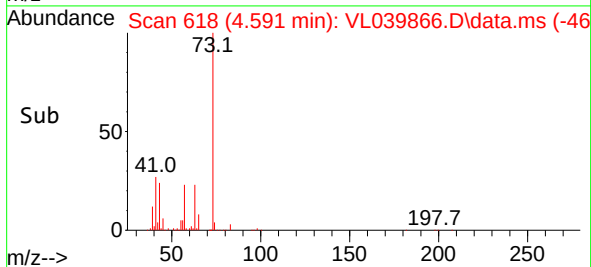
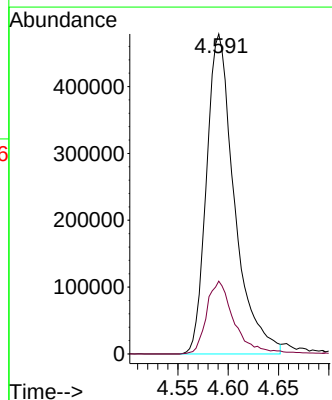
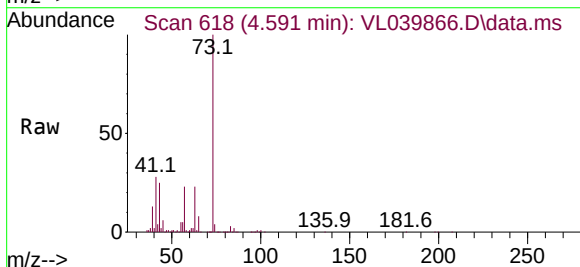
Instrument :
MSVOA_L
ClientSampleId :

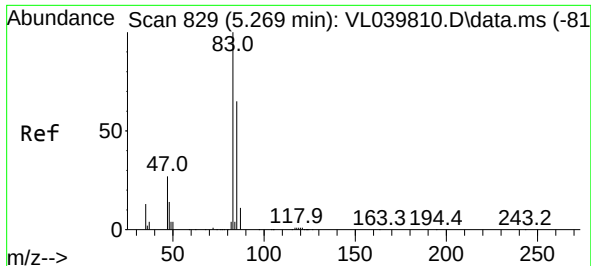
Tgt Ion: 76 Resp: 1179334
Ion Ratio Lower Upper
76 100
44 19.2 14.6 22.0
78 10.0 7.6 11.4



#28
Methyl tert-Butyl Ether
Concen: 8.285 ppbv
RT: 4.591 min Scan# 618
Delta R.T. 0.003 min
Lab File: VL039866.D
Acq: 10 Nov 2022 15:53

Tgt Ion: 73 Resp: 922429
Ion Ratio Lower Upper
73 100
57 23.0 19.4 29.2

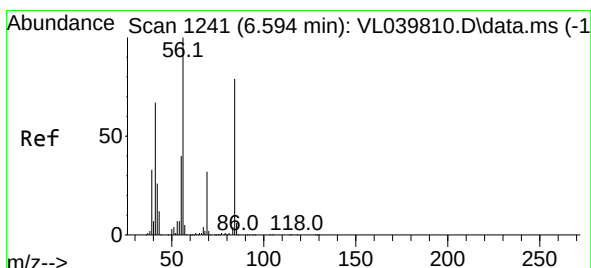
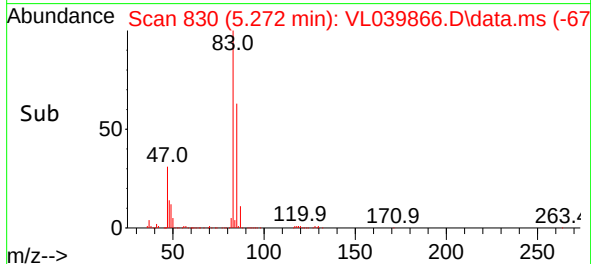
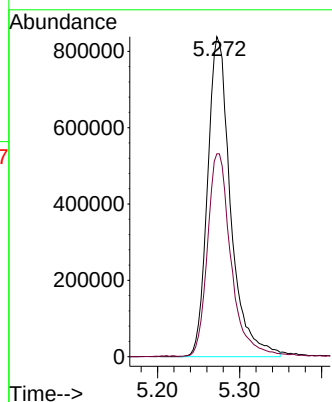
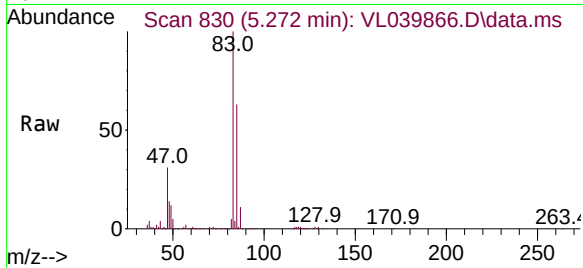




#29
Chloroform
Concen: 9.467 ppbv
RT: 5.272 min Scan# 81
Delta R.T. 0.003 min
Lab File: VL039866.D
Acq: 10 Nov 2022 15:53

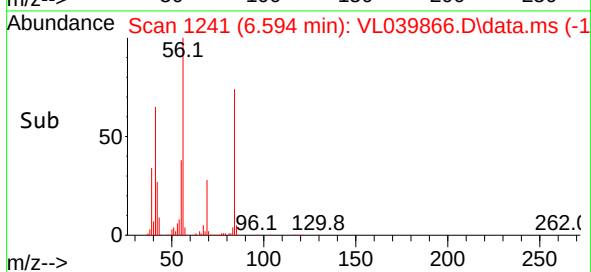
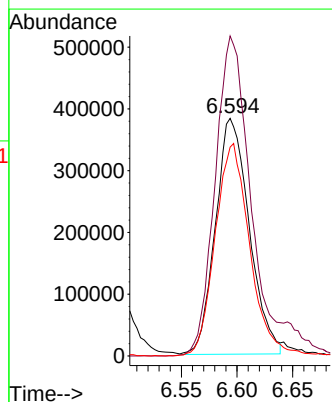
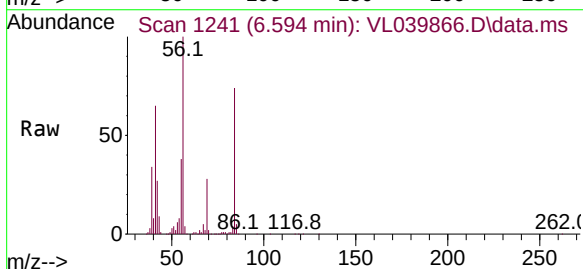
Instrument :
MSVOA_L
ClientSampleId :

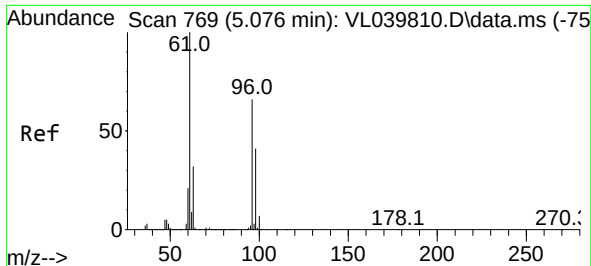
Tgt Ion: 83 Resp: 1637368
Ion Ratio Lower Upper
83 100
85 63.2 51.6 77.4



#30
Cyclohexane
Concen: 7.850 ppbv
RT: 6.594 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VL039866.D
Acq: 10 Nov 2022 15:53

Tgt Ion: 84 Resp: 807438
Ion Ratio Lower Upper
84 100
56 149.7 114.8 172.2
41 92.8 68.6 103.0

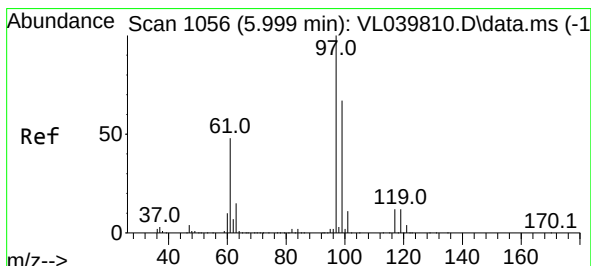
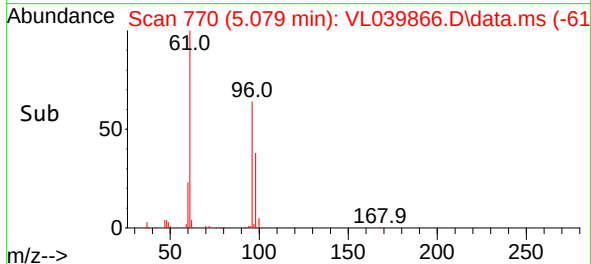
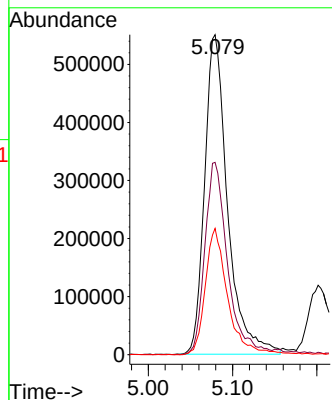
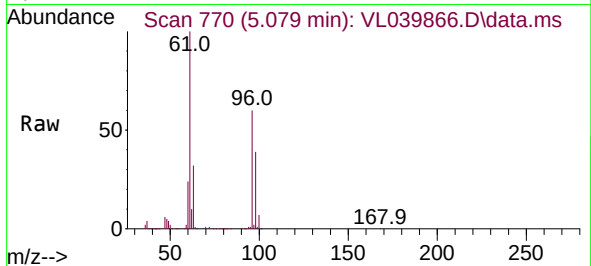




#31
 cis-1,2-Dichloroethene
 Concen: 9.305 ppbv
 RT: 5.079 min Scan# 71
 Delta R.T. 0.003 min
 Lab File: VL039866.D
 Acq: 10 Nov 2022 15:53

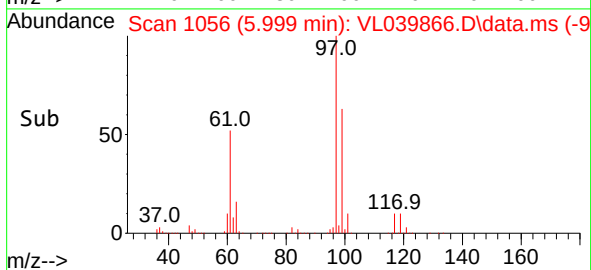
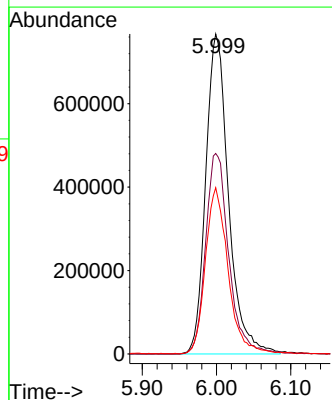
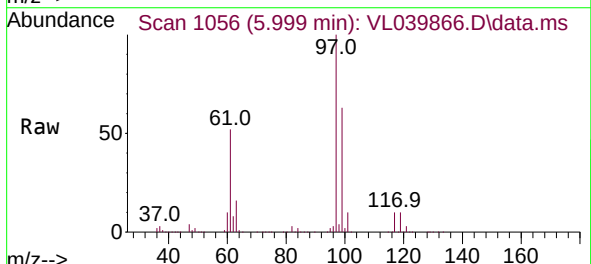
Instrument :
 MSVOA_L
 ClientSampleId :

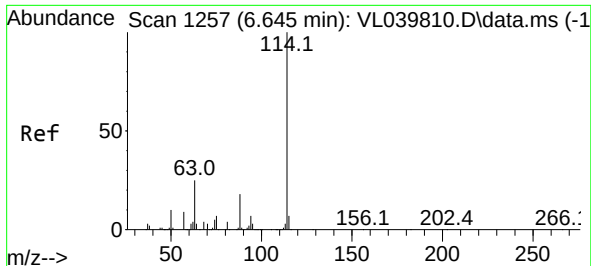
Tgt Ion: 61 Resp: 1043663
 Ion Ratio Lower Upper
 61 100
 96 60.2 52.6 78.8
 98 39.5 32.6 48.8



#32
 1,1,1-Trichloroethane
 Concen: 9.472 ppbv
 RT: 5.999 min Scan# 1056
 Delta R.T. 0.000 min
 Lab File: VL039866.D
 Acq: 10 Nov 2022 15:53

Tgt Ion: 97 Resp: 1630962
 Ion Ratio Lower Upper
 97 100
 99 64.0 52.7 79.1
 61 52.1 38.9 58.3

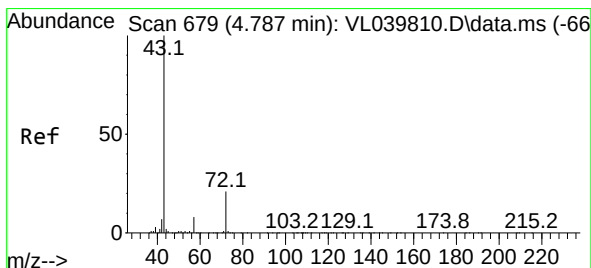
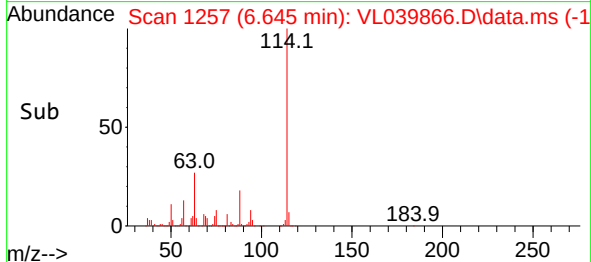
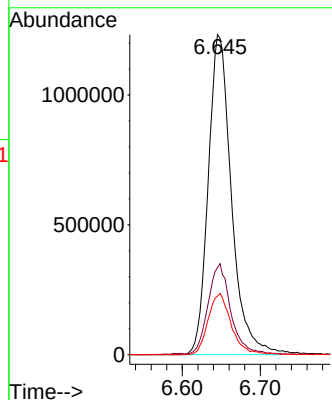
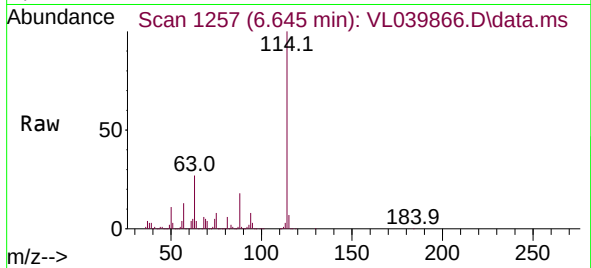




#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.645 min Scan# 11
Delta R.T. 0.000 min
Lab File: VL039866.D
Acq: 10 Nov 2022 15:53

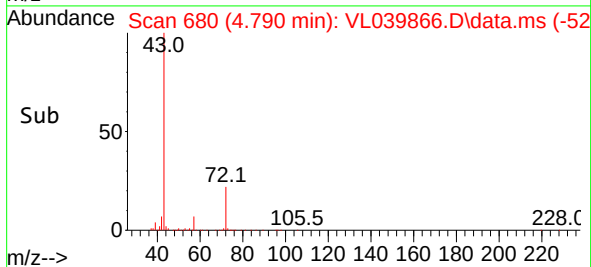
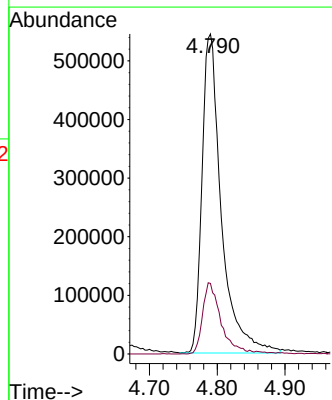
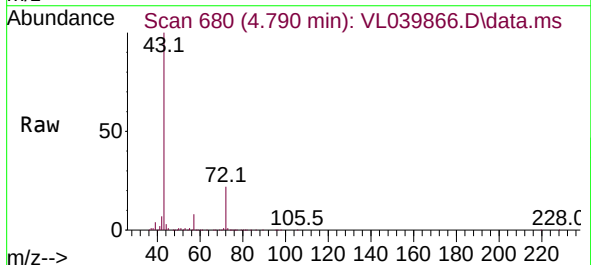
Instrument :
MSVOA_L
ClientSampleId :

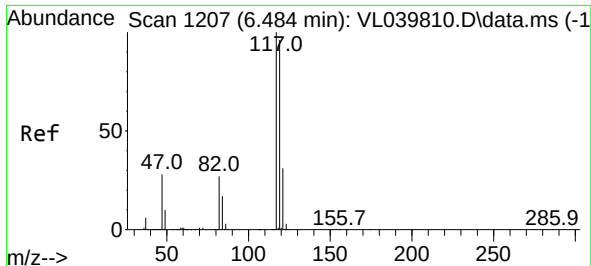
Tgt Ion:114 Resp: 2551313
Ion Ratio Lower Upper
114 100
63 28.4 19.8 29.6
88 19.3 14.4 21.6



#34
2-Butanone
Concen: 10.227 ppbv
RT: 4.790 min Scan# 680
Delta R.T. 0.003 min
Lab File: VL039866.D
Acq: 10 Nov 2022 15:53

Tgt Ion: 43 Resp: 1076390
Ion Ratio Lower Upper
43 100
72 22.2 17.5 26.3

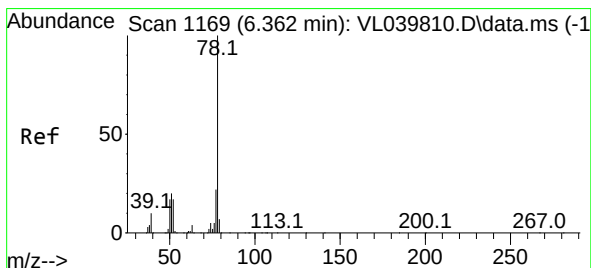
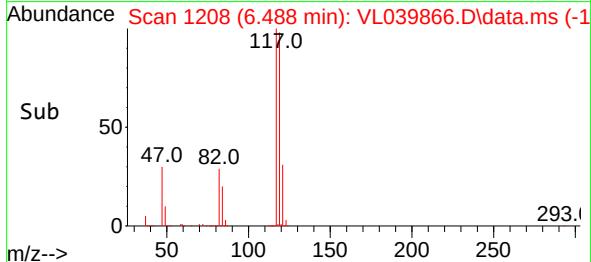
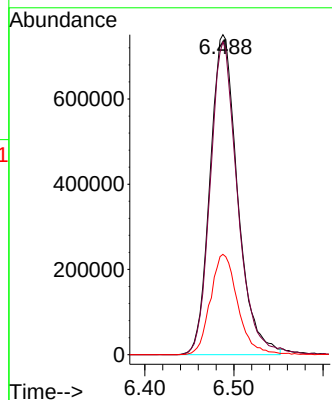
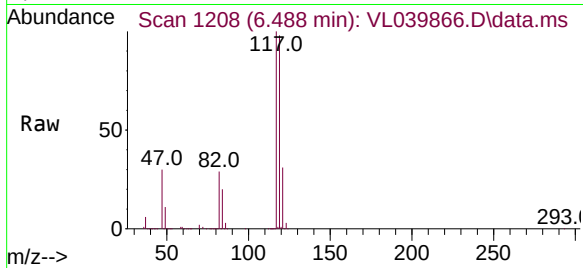




#35
Carbon Tetrachloride
Concen: 10.852 ppbv
RT: 6.488 min Scan# 1170
Delta R.T. 0.003 min
Lab File: VL039866.D
Acq: 10 Nov 2022 15:53

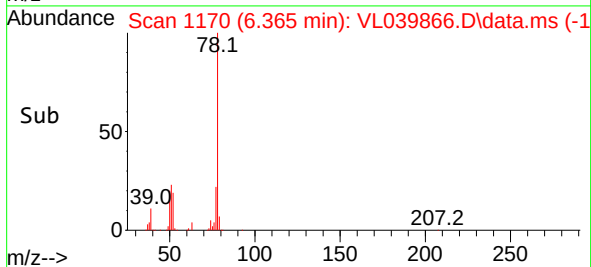
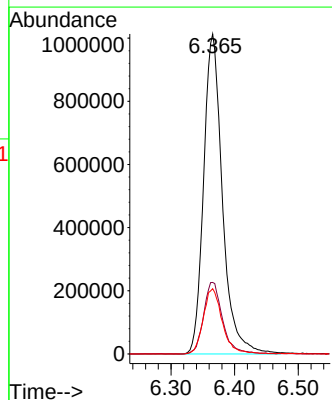
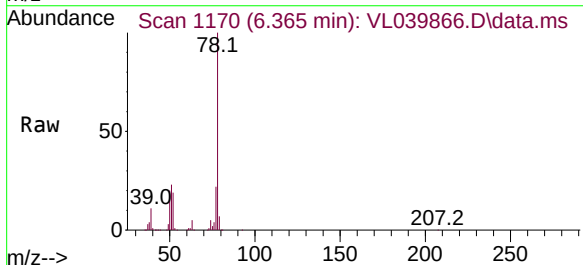
Instrument :
MSVOA_L
ClientSampleId :

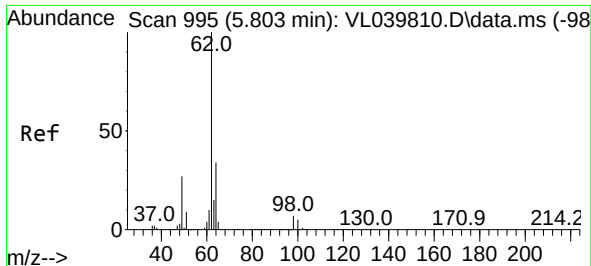
Tgt Ion:117 Resp: 1613868
Ion Ratio Lower Upper
117 100
119 97.6 76.5 114.7
121 31.3 25.2 37.8



#36
Benzene
Concen: 9.661 ppbv
RT: 6.365 min Scan# 1170
Delta R.T. 0.003 min
Lab File: VL039866.D
Acq: 10 Nov 2022 15:53

Tgt Ion: 78 Resp: 2079104
Ion Ratio Lower Upper
78 100
77 22.4 17.4 26.2
50 20.4 13.9 20.9

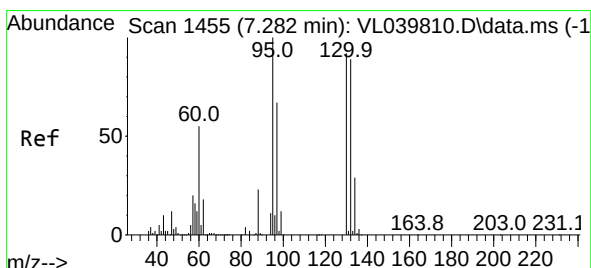
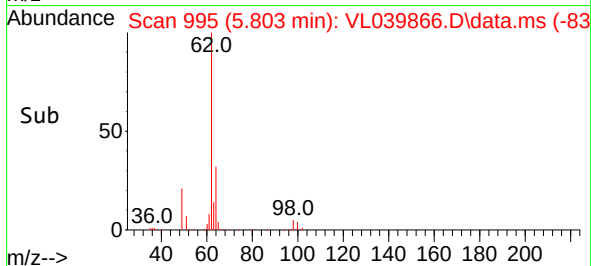
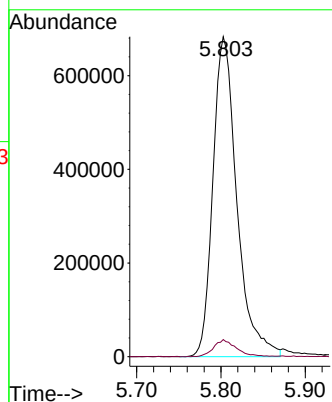
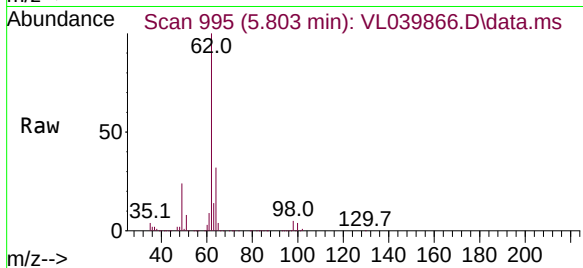




#37
1,2-Dichloroethane
Concen: 13.066 ppbv
RT: 5.803 min Scan# 995
Delta R.T. 0.000 min
Lab File: VL039866.D
Acq: 10 Nov 2022 15:53

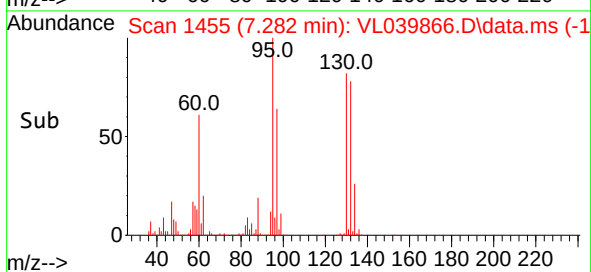
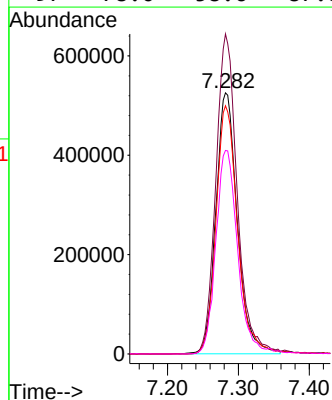
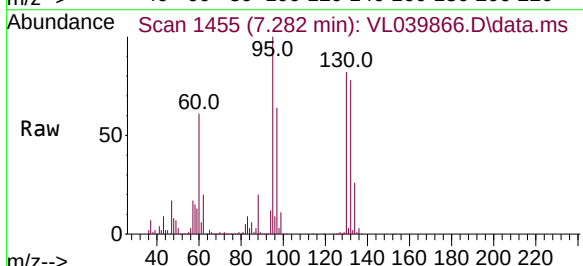
Instrument :
MSVOA_L
ClientSampleId :

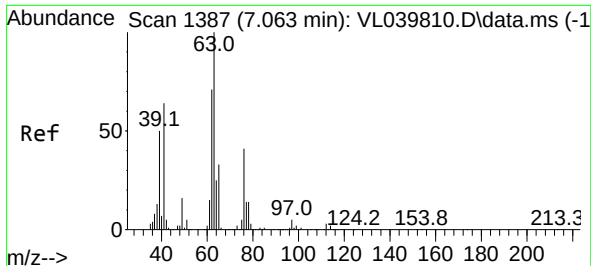
Tgt Ion: 62 Resp: 1349166
Ion Ratio Lower Upper
62 100
98 5.3 5.4 8.2#



#38
Trichloroethene
Concen: 9.615 ppbv
RT: 7.282 min Scan# 1455
Delta R.T. 0.000 min
Lab File: VL039866.D
Acq: 10 Nov 2022 15:53

Tgt Ion:130 Resp: 1107598
Ion Ratio Lower Upper
130 100
95 122.6 87.4 131.2
132 95.1 77.7 116.5
97 78.0 58.6 87.8





#39

1,2-Dichloropropane

Concen: 10.253 ppbv

RT: 7.063 min Scan# 11

Delta R.T. 0.000 min

Lab File: VL039866.D

Acq: 10 Nov 2022 15:53

Instrument :

MSVOA_L

ClientSampleId :

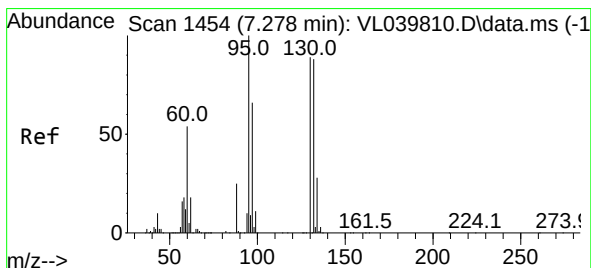
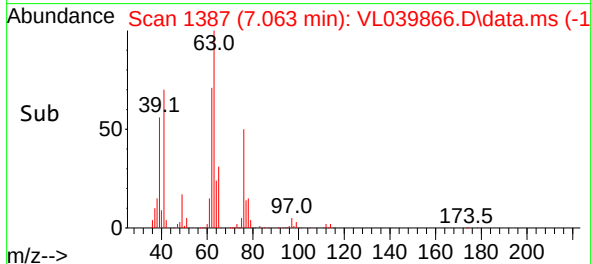
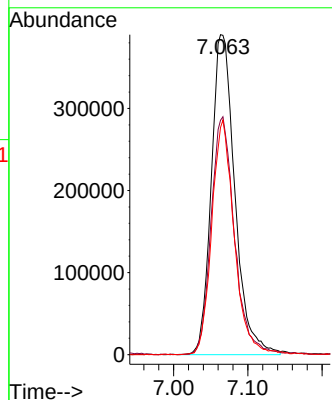
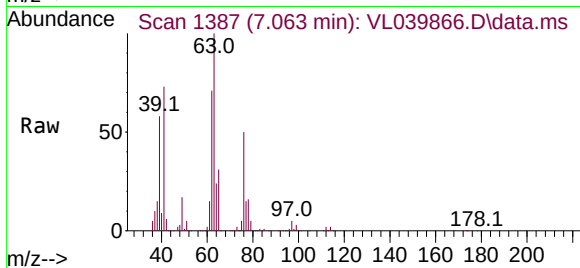
Tgt Ion: 63 Resp: 859701

Ion Ratio Lower Upper

63 100

41 73.2 51.0 76.4

62 70.9 56.6 85.0



#40

1,4-Dioxane

Concen: 9.078 ppbv

RT: 7.279 min Scan# 1454

Delta R.T. 0.000 min

Lab File: VL039866.D

Acq: 10 Nov 2022 15:53

Tgt Ion: 88 Resp: 291490

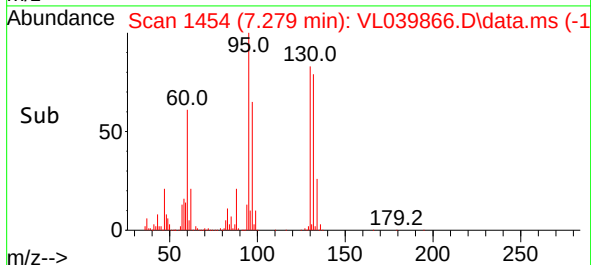
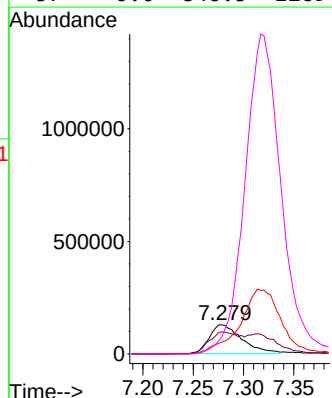
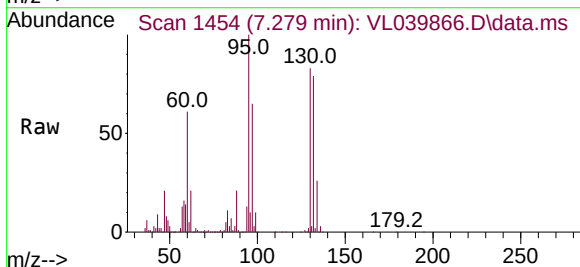
Ion Ratio Lower Upper

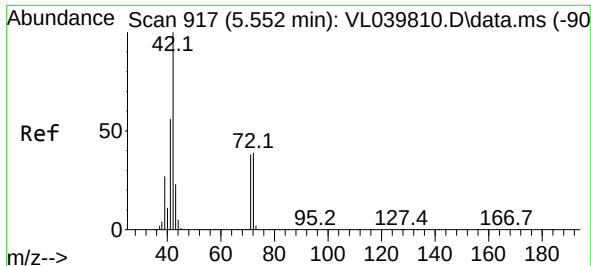
88 100

58 139.3 99.5 149.3

43 0.0 189.7 284.5#

57 0.0 846.5 1269.7#





#41

Tetrahydrofuran

Concen: 9.692 ppbv

RT: 5.555 min Scan# 917

Delta R.T. 0.003 min

Lab File: VL039866.D

Acq: 10 Nov 2022 15:53

Instrument :

MSVOA_L

ClientSampleId :

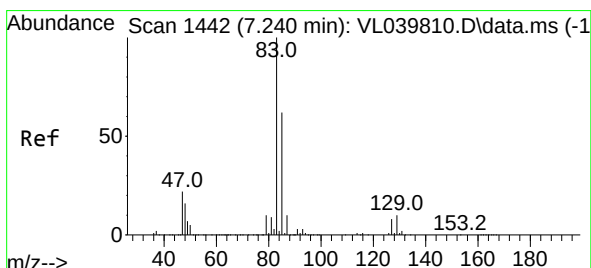
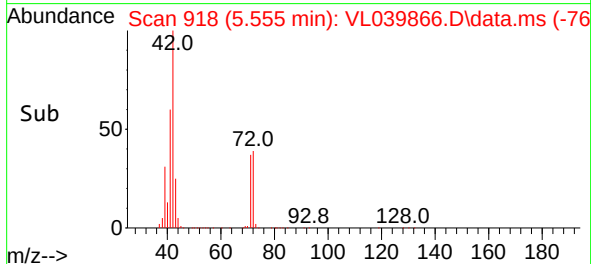
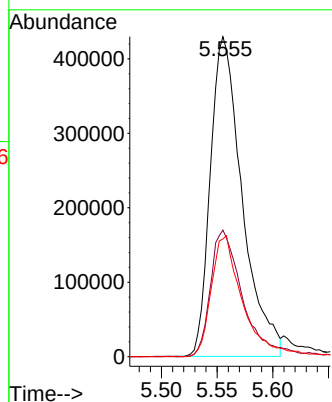
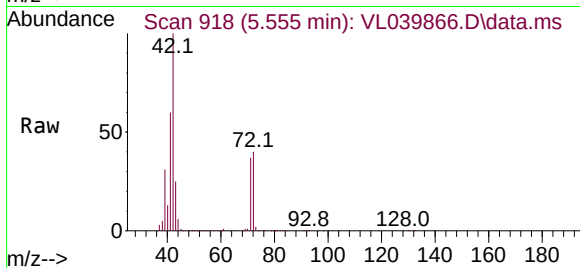
Tgt Ion: 42 Resp: 852549

Ion Ratio Lower Upper

42 100

72 41.4 31.4 47.2

71 38.6 31.5 47.3



#42

Bromodichloromethane

Concen: 11.118 ppbv

RT: 7.240 min Scan# 1442

Delta R.T. 0.000 min

Lab File: VL039866.D

Acq: 10 Nov 2022 15:53

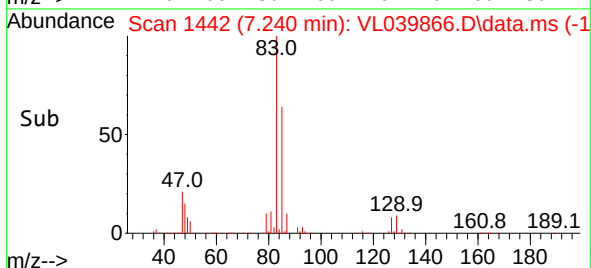
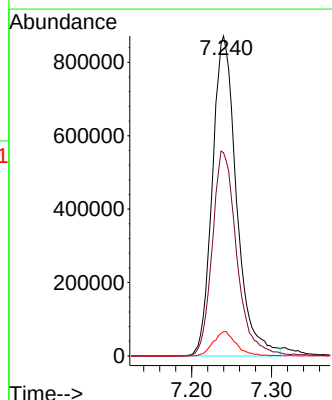
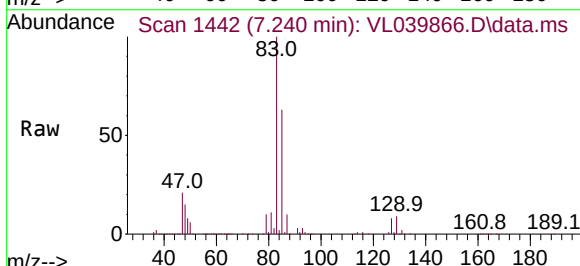
Tgt Ion: 83 Resp: 1833632

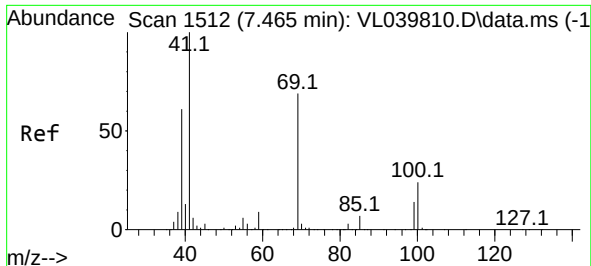
Ion Ratio Lower Upper

83 100

85 63.5 49.9 74.9

127 7.6 6.4 9.6

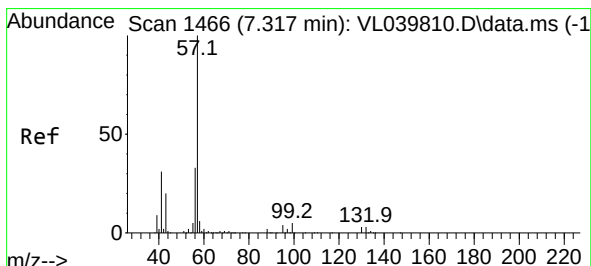
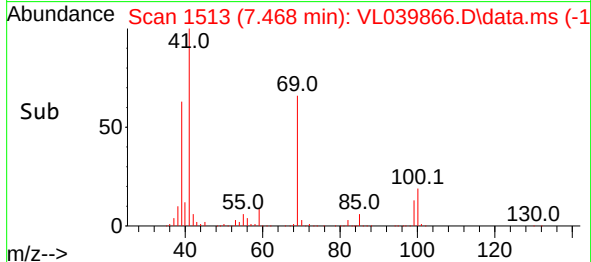
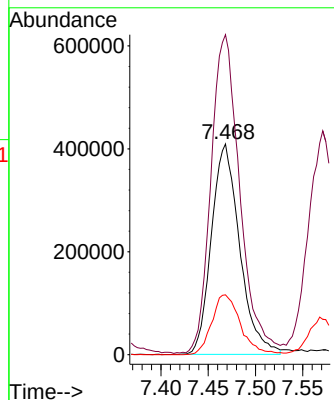
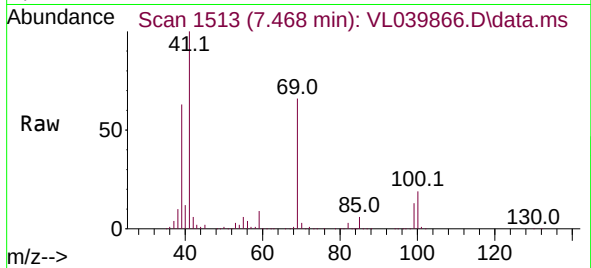




#43
Methyl Methacrylate
Concen: 9.997 ppbv
RT: 7.468 min Scan# 1513
Delta R.T. 0.003 min
Lab File: VL039866.D
Acq: 10 Nov 2022 15:53

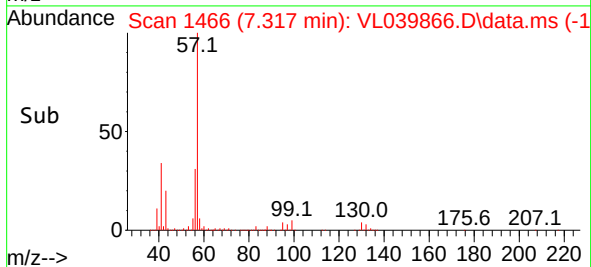
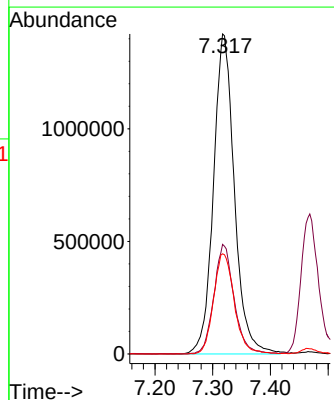
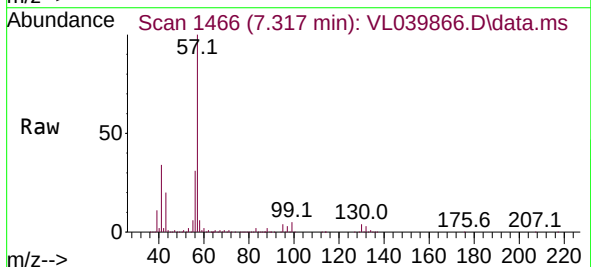
Instrument :
MSVOA_L
ClientSampleId :

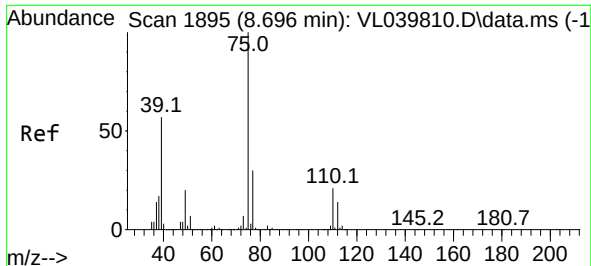
Tgt Ion: 69 Resp: 850253
Ion Ratio Lower Upper
69 100
41 156.1 115.7 173.5
100 29.1 25.9 38.9



#44
2,2,4-Trimethylpentane
Concen: 9.849 ppbv
RT: 7.317 min Scan# 1466
Delta R.T. 0.000 min
Lab File: VL039866.D
Acq: 10 Nov 2022 15:53

Tgt Ion: 57 Resp: 3577921
Ion Ratio Lower Upper
57 100
41 33.0 24.6 36.8
56 31.1 25.4 38.0

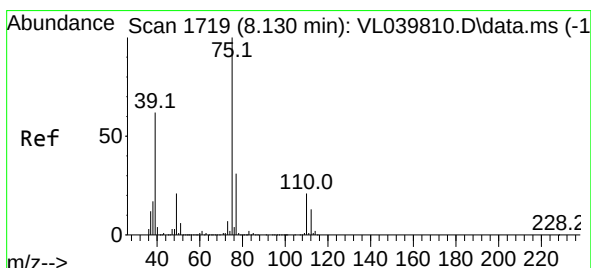
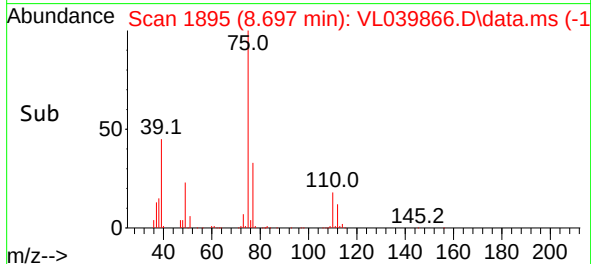
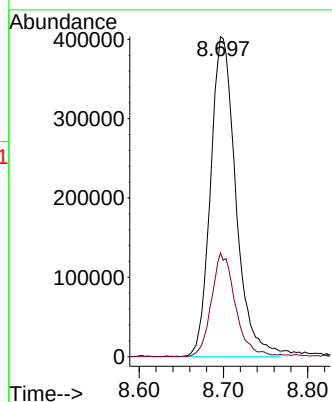
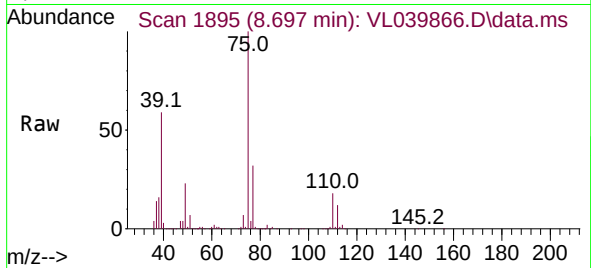




#45
t-1,3-Dichloropropene
Concen: 10.288 ppbv
RT: 8.697 min Scan# 1895
Delta R.T. 0.000 min
Lab File: VL039866.D
Acq: 10 Nov 2022 15:53

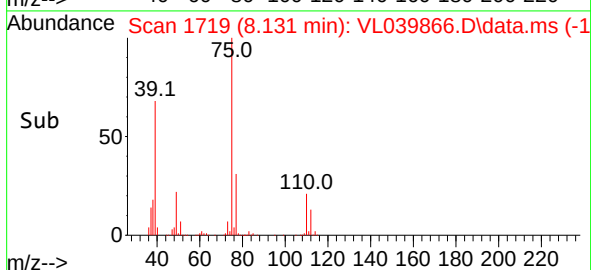
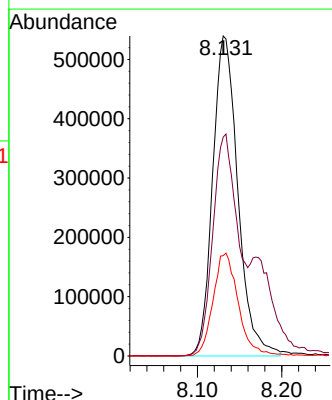
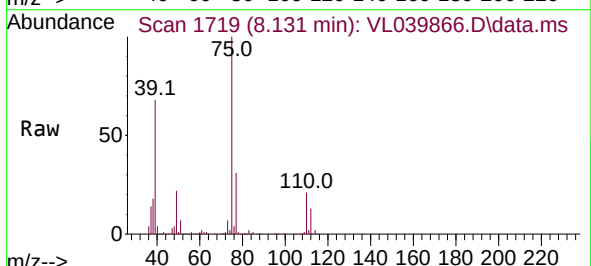
Instrument :
MSVOA_L
ClientSampleId :

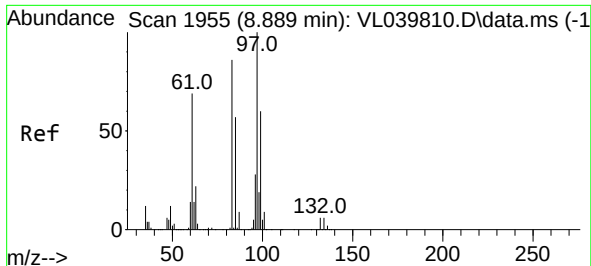
Tgt Ion: 75 Resp: 838222
Ion Ratio Lower Upper
75 100
77 32.5 24.4 36.6



#46
cis-1,3-Dichloropropene
Concen: 10.078 ppbv
RT: 8.131 min Scan# 1719
Delta R.T. 0.000 min
Lab File: VL039866.D
Acq: 10 Nov 2022 15:53

Tgt Ion: 75 Resp: 1120737
Ion Ratio Lower Upper
75 100
39 68.3 50.0 75.0
77 31.3 25.1 37.7





#47

1,1,2-Trichloroethane

Concen: 9.782 ppbv

RT: 8.886 min Scan# 1954

Delta R.T. -0.003 min

Lab File: VL039866.D

Acq: 10 Nov 2022 15:53

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion: 97 Resp: 830562

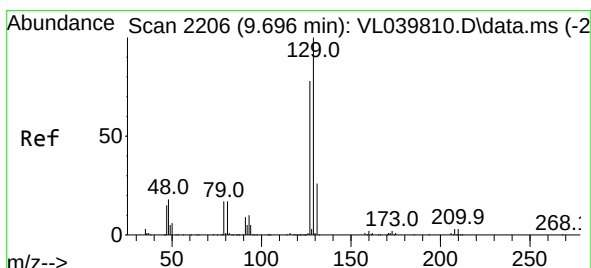
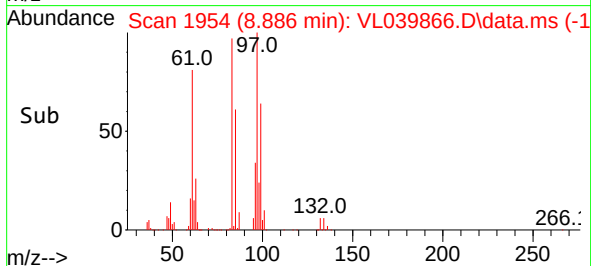
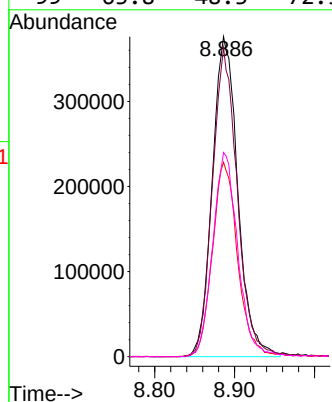
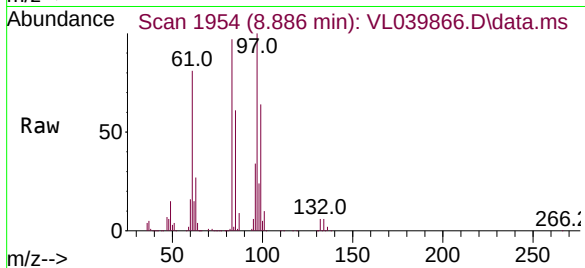
Ion Ratio Lower Upper

97 100

83 96.6 68.8 103.2

85 60.6 45.8 68.6

99 63.8 48.3 72.5



#48

Dibromochloromethane

Concen: 9.868 ppbv

RT: 9.696 min Scan# 2206

Delta R.T. 0.000 min

Lab File: VL039866.D

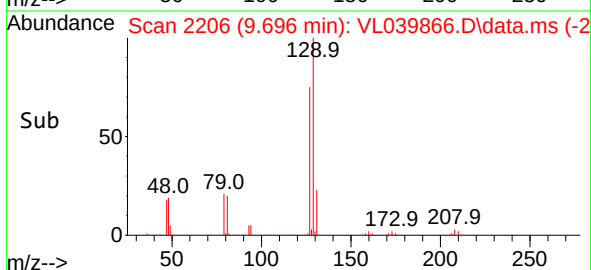
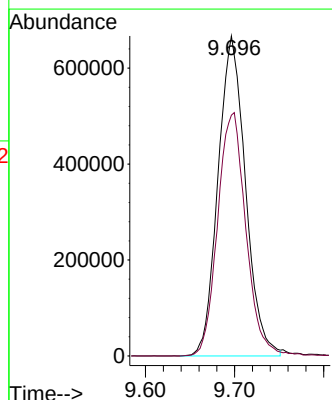
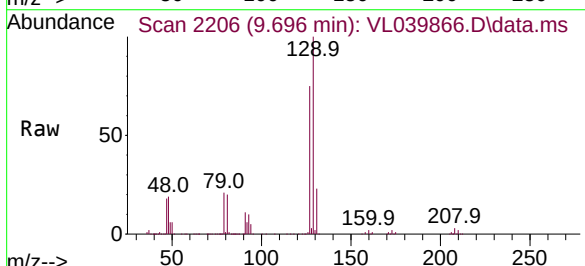
Acq: 10 Nov 2022 15:53

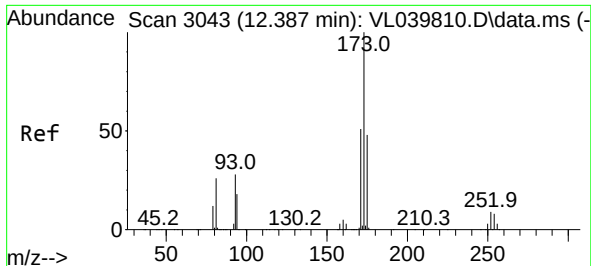
Tgt Ion: 129 Resp: 1427627

Ion Ratio Lower Upper

129 100

127 78.7 39.4 118.1

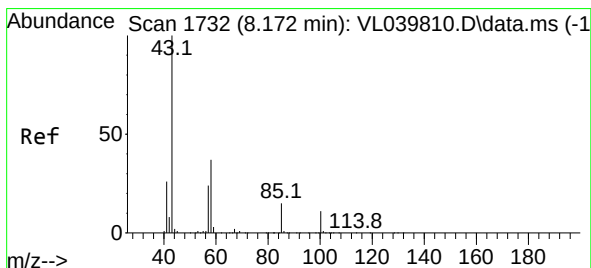
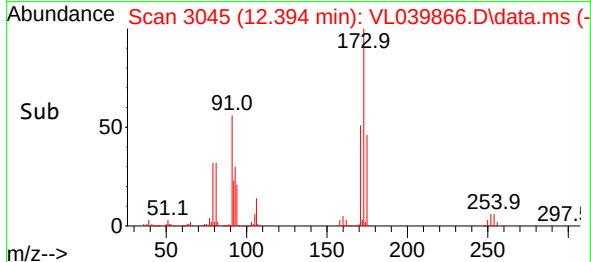
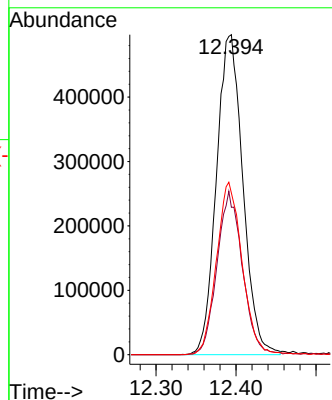
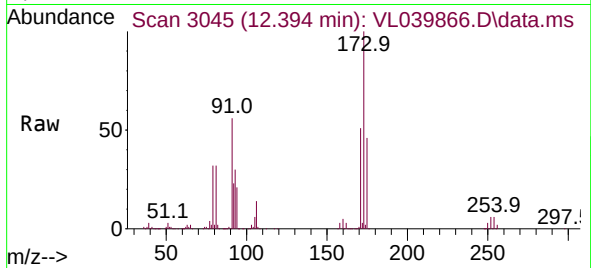




#49
Bromoform
Concen: 9.806 ppbv
RT: 12.394 min Scan# 3045
Delta R.T. 0.007 min
Lab File: VL039866.D
Acq: 10 Nov 2022 15:53

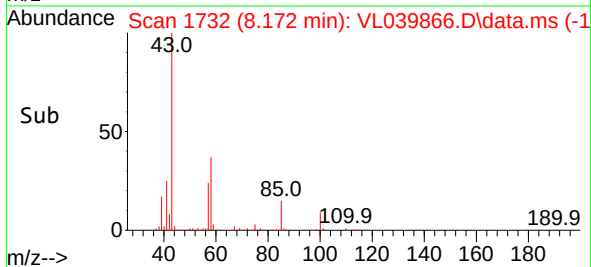
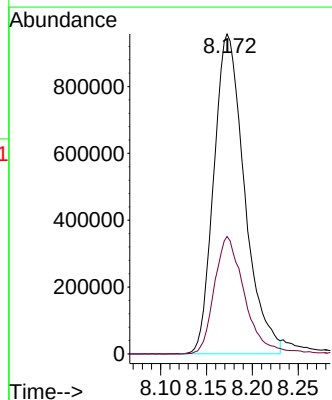
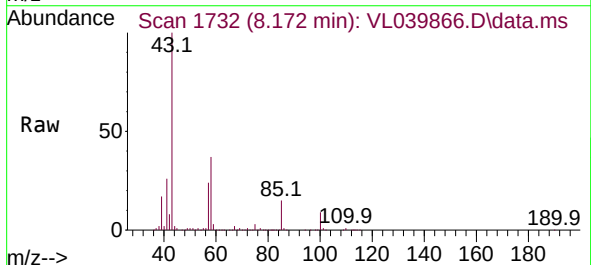
Instrument :
MSVOA_L
ClientSampleId :

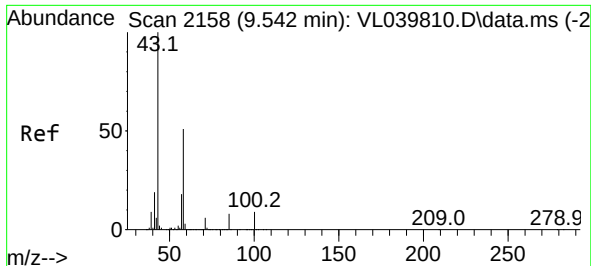
Tgt Ion:173 Resp: 1140319
Ion Ratio Lower Upper
173 100
175 49.3 39.7 59.5
171 52.5 41.7 62.5



#50
4-Methyl-2-Pentanone
Concen: 10.332 ppbv
RT: 8.172 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VL039866.D
Acq: 10 Nov 2022 15:53

Tgt Ion: 43 Resp: 2226396
Ion Ratio Lower Upper
43 100
58 36.5 29.8 44.6

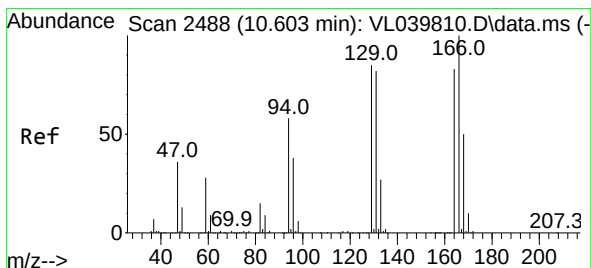
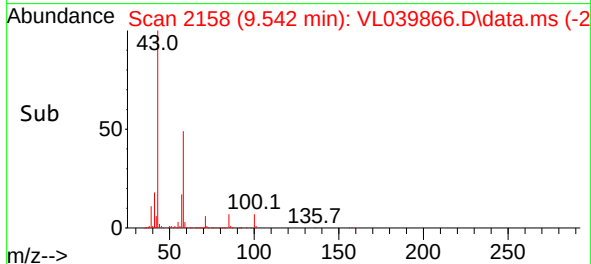
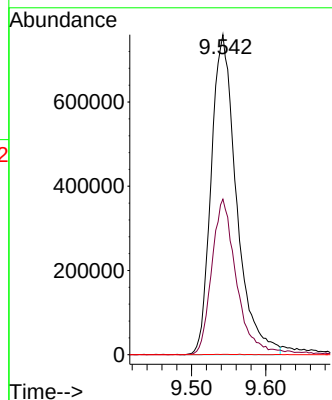
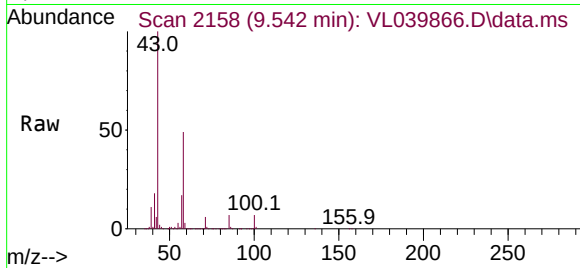




#51
2-Hexanone
Concen: 10.692 ppbv
RT: 9.542 min Scan# 2158
Delta R.T. 0.000 min
Lab File: VL039866.D
Acq: 10 Nov 2022 15:53

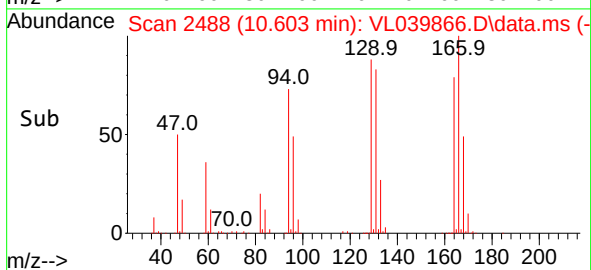
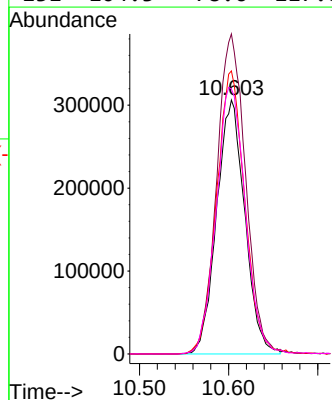
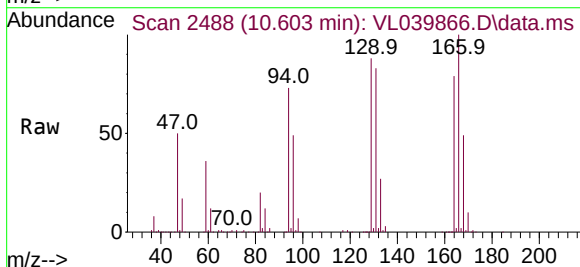
Instrument :
MSVOA_L
ClientSampleId :

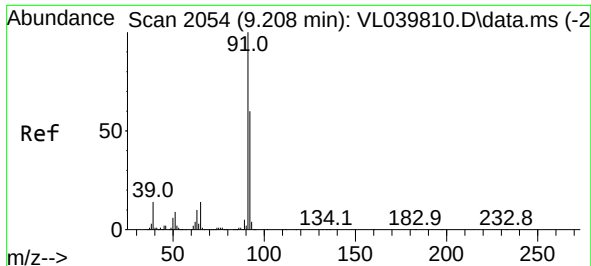
Tgt Ion: 43 Resp: 1796444
Ion Ratio Lower Upper
43 100
58 48.9 40.5 60.7
98 0.1 0.1 0.1#



#52
Tetrachloroethene
Concen: 8.329 ppbv
RT: 10.603 min Scan# 2488
Delta R.T. 0.000 min
Lab File: VL039866.D
Acq: 10 Nov 2022 15:53

Tgt Ion:164 Resp: 671541
Ion Ratio Lower Upper
164 100
166 125.9 96.0 144.0
129 111.4 81.4 122.2
131 104.3 78.6 117.8

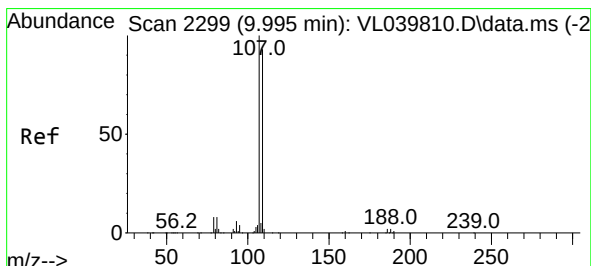
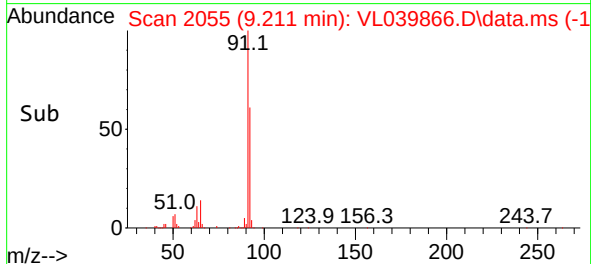
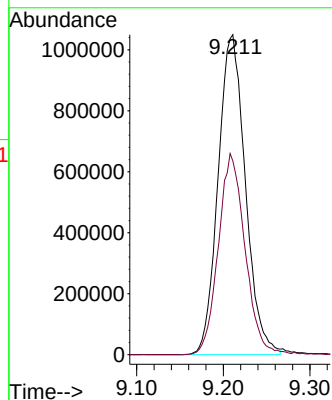
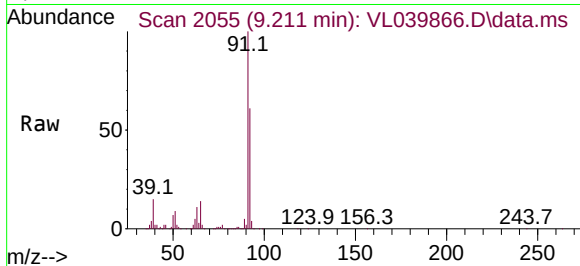




#53
Toluene
Concen: 9.311 ppbv
RT: 9.211 min Scan# 2055
Delta R.T. 0.003 min
Lab File: VL039866.D
Acq: 10 Nov 2022 15:53

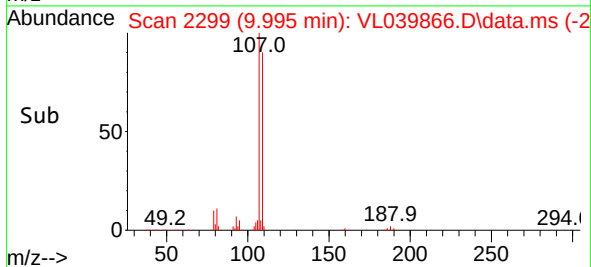
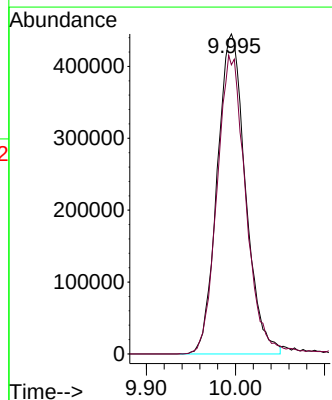
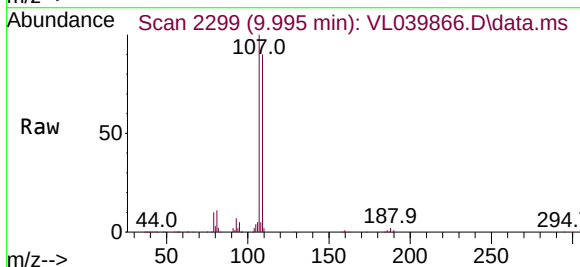
Instrument :
MSVOA_L
ClientSampleId :

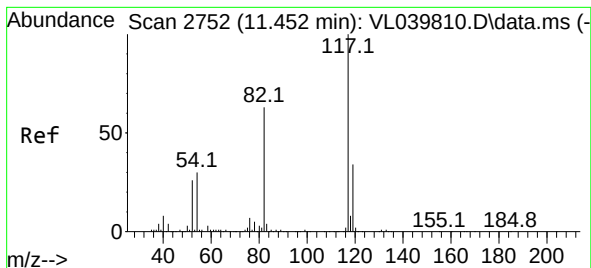
Tgt Ion: 91 Resp: 2298962
Ion Ratio Lower Upper
91 100
92 61.8 49.6 74.4



#54
1,2-Dibromoethane
Concen: 10.433 ppbv
RT: 9.995 min Scan# 2299
Delta R.T. 0.000 min
Lab File: VL039866.D
Acq: 10 Nov 2022 15:53

Tgt Ion: 107 Resp: 983125
Ion Ratio Lower Upper
107 100
109 90.3 74.5 111.7

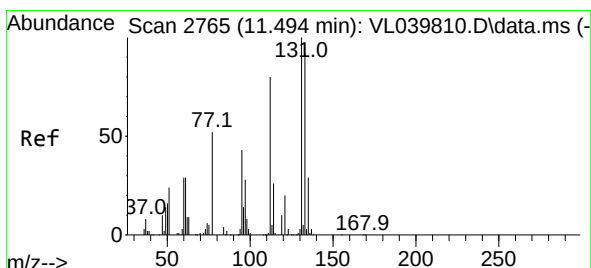
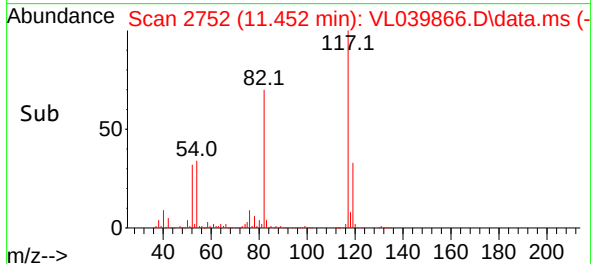
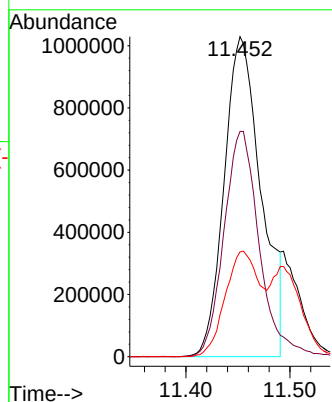
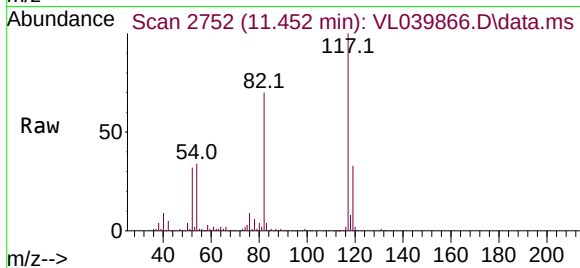




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.452 min Scan# 2752
Delta R.T. 0.000 min
Lab File: VL039866.D
Acq: 10 Nov 2022 15:53

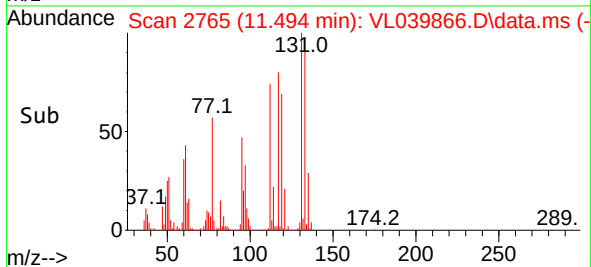
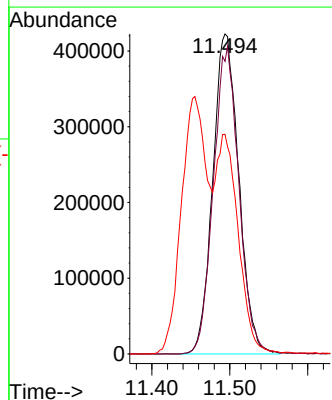
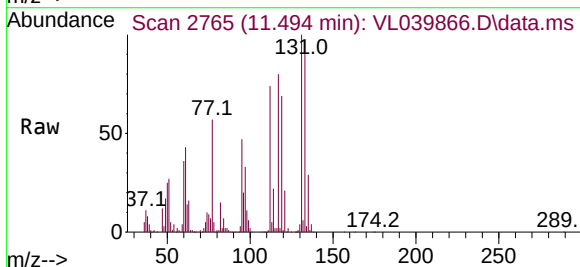
Instrument :
MSVOA_L
ClientSampleId :

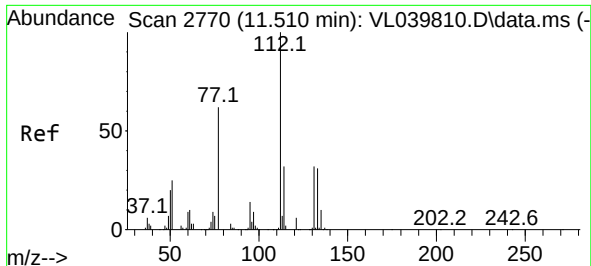
Tgt Ion:117 Resp: 2543058
Ion Ratio Lower Upper
117 100
82 67.6 51.0 76.6
119 29.7 24.7 37.1



#56
1,1,1,2-Tetrachloroethane
Concen: 9.014 ppbv
RT: 11.494 min Scan# 2765
Delta R.T. 0.000 min
Lab File: VL039866.D
Acq: 10 Nov 2022 15:53

Tgt Ion:131 Resp: 980006
Ion Ratio Lower Upper
131 100
133 94.5 76.9 115.3
119 63.1 52.2 78.2





#57

Chlorobenzene

Concen: 8.599 ppbv

RT: 11.516 min Scan# 21

Delta R.T. 0.007 min

Lab File: VL039866.D

Acq: 10 Nov 2022 15:53

Instrument :

MSVOA_L

ClientSampleId :

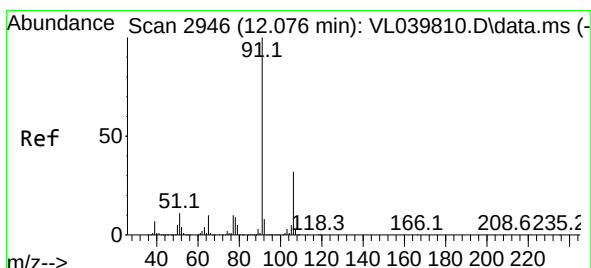
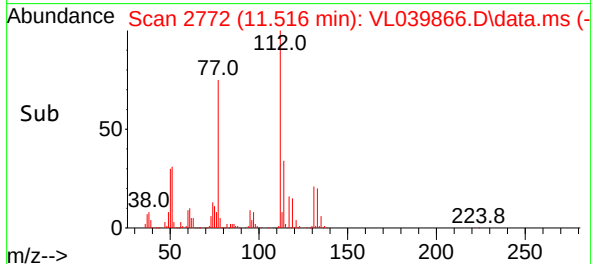
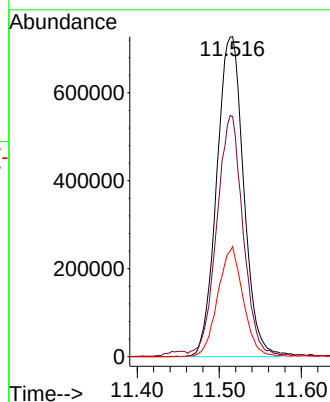
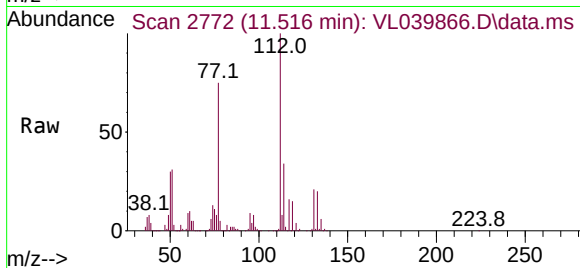
Tgt Ion:112 Resp: 1658760

Ion Ratio Lower Upper

112 100

77 74.5 49.8 74.6

114 34.5 29.0 35.4



#58

Ethyl Benzene

Concen: 9.136 ppbv

RT: 12.076 min Scan# 2946

Delta R.T. 0.000 min

Lab File: VL039866.D

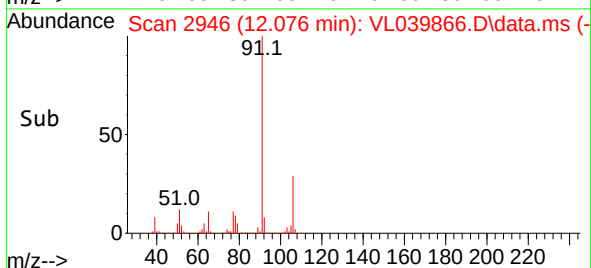
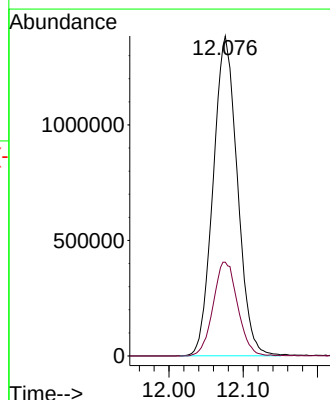
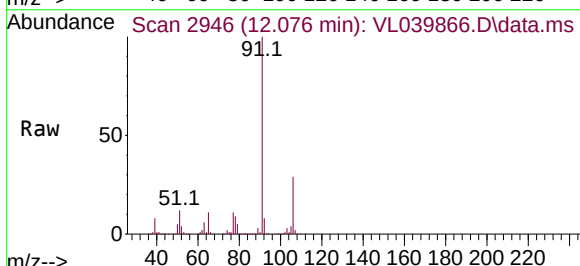
Acq: 10 Nov 2022 15:53

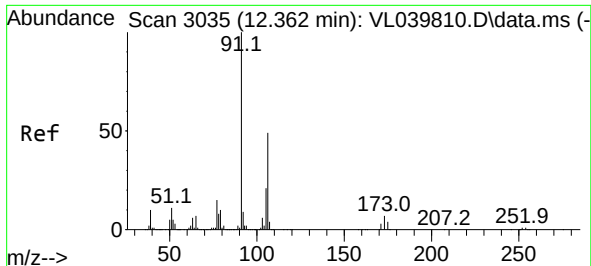
Tgt Ion: 91 Resp: 3141455

Ion Ratio Lower Upper

91 100

106 29.3 25.9 38.9

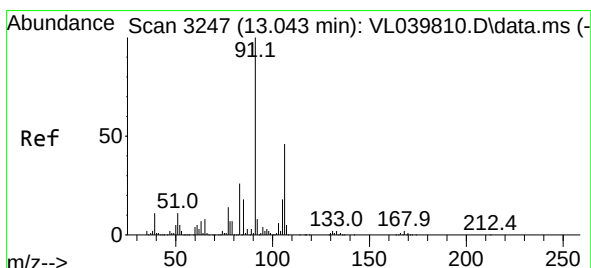
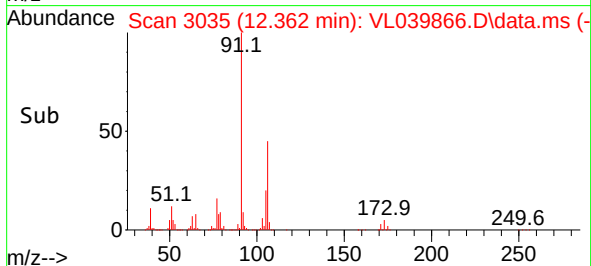
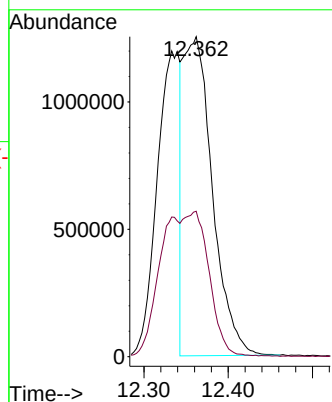
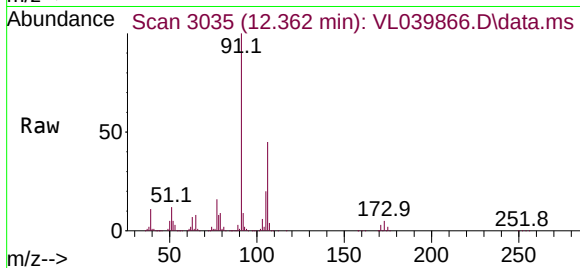




#59
m/p-Xylene
Concen: 10.493 ppbv
RT: 12.362 min Scan# 3035
Delta R.T. 0.000 min
Lab File: VL039866.D
Acq: 10 Nov 2022 15:53

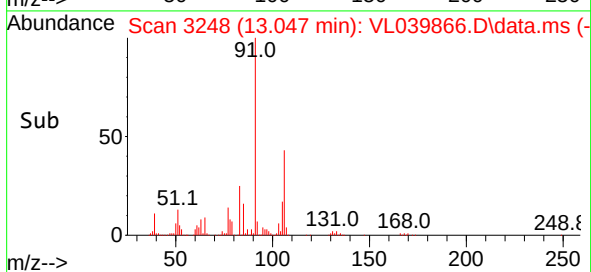
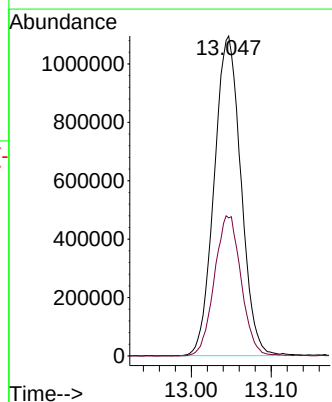
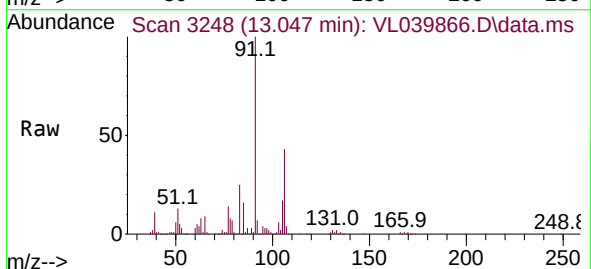
Instrument :
MSVOA_L
ClientSampleId :

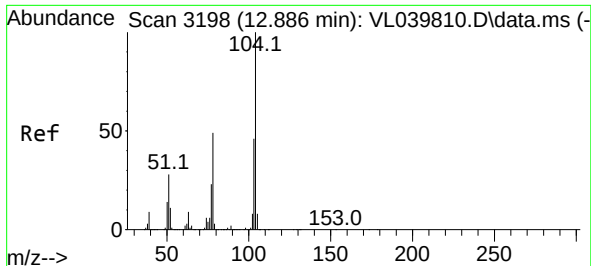
Tgt Ion: 91 Resp: 3011877
Ion Ratio Lower Upper
91 100
106 75.4 37.6 56.4#



#60
o-Xylene
Concen: 9.344 ppbv
RT: 13.047 min Scan# 3248
Delta R.T. 0.003 min
Lab File: VL039866.D
Acq: 10 Nov 2022 15:53

Tgt Ion: 91 Resp: 2540870
Ion Ratio Lower Upper
91 100
106 44.1 23.6 70.8

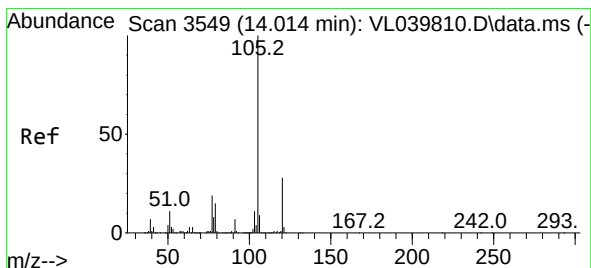
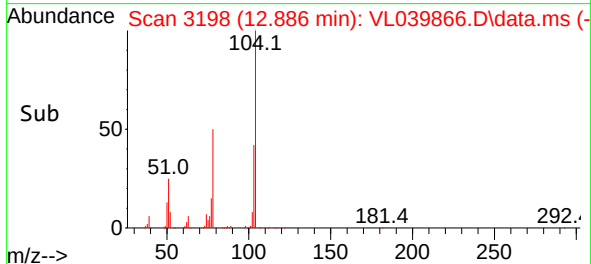
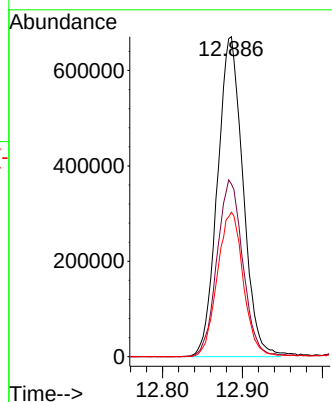
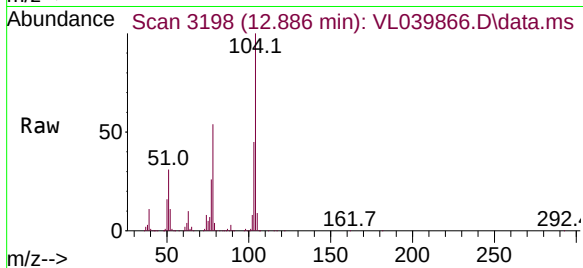




#61
Styrene
Concen: 8.862 ppbv
RT: 12.886 min Scan# 3198
Delta R.T. 0.000 min
Lab File: VL039866.D
Acq: 10 Nov 2022 15:53

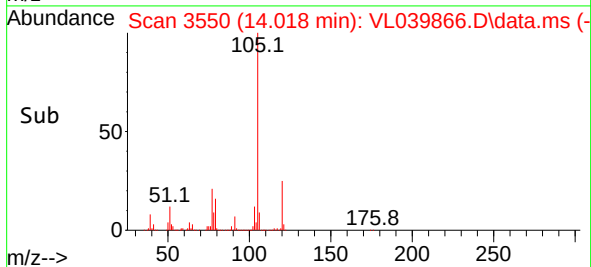
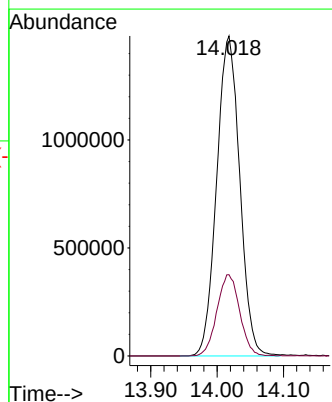
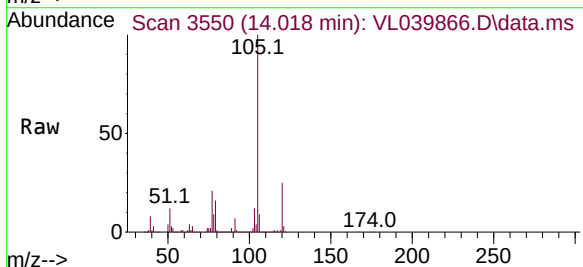
Instrument :
MSVOA_L
ClientSampleId :

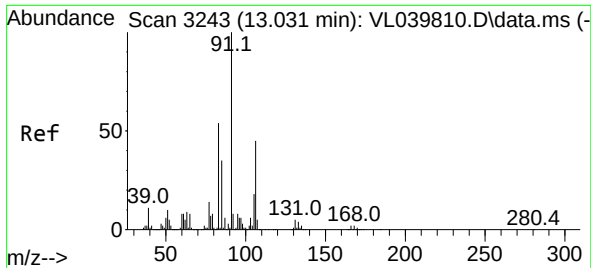
Tgt Ion:104 Resp: 1482859
Ion Ratio Lower Upper
104 100
78 56.4 40.2 60.2
103 46.2 37.5 56.3



#62
Isopropylbenzene
Concen: 9.010 ppbv
RT: 14.018 min Scan# 3550
Delta R.T. 0.003 min
Lab File: VL039866.D
Acq: 10 Nov 2022 15:53

Tgt Ion:105 Resp: 3574056
Ion Ratio Lower Upper
105 100
120 25.1 21.7 32.5

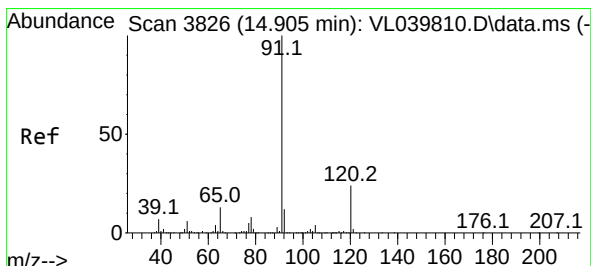
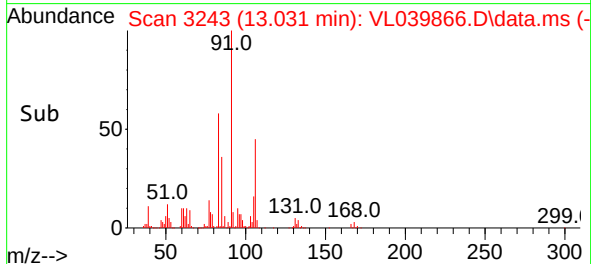
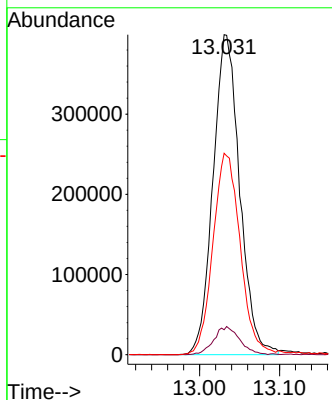
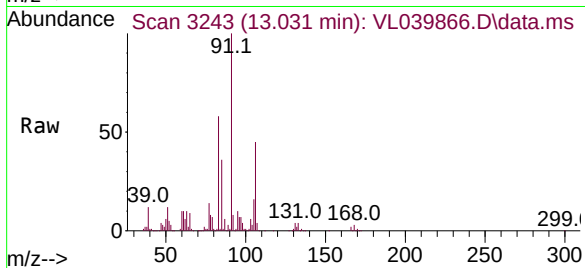




#63
1,1,2,2-Tetrachloroethane
Concen: 9.128 ppbv
RT: 13.031 min Scan# 31
Delta R.T. 0.000 min
Lab File: VL039866.D
Acq: 10 Nov 2022 15:53

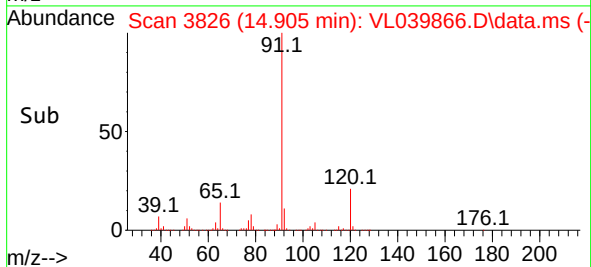
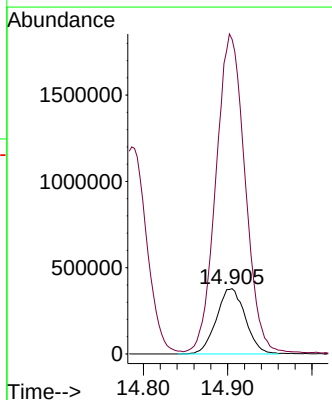
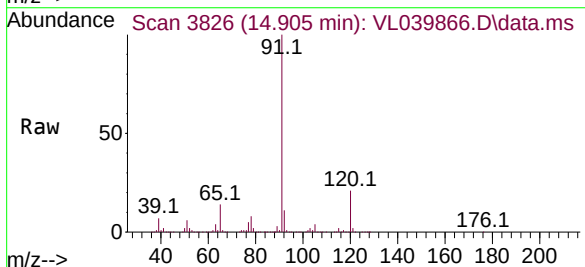
Instrument :
MSVOA_L
ClientSampleId :

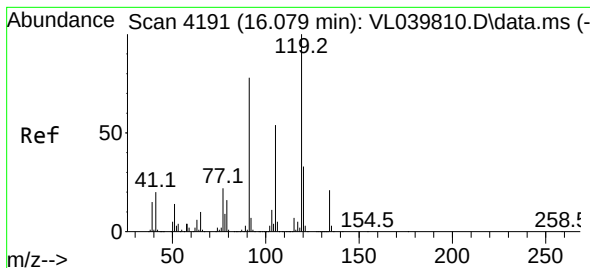
Tgt Ion: 83 Resp: 924320
Ion Ratio Lower Upper
83 100
131 8.7 4.6 13.8
85 65.2 33.3 99.9



#64
n-propylbenzene
Concen: 8.478 ppbv
RT: 14.905 min Scan# 3826
Delta R.T. 0.000 min
Lab File: VL039866.D
Acq: 10 Nov 2022 15:53

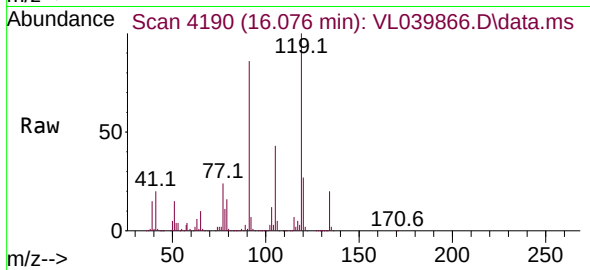
Tgt Ion:120 Resp: 899592
Ion Ratio Lower Upper
120 100
91 498.9 354.9 532.3





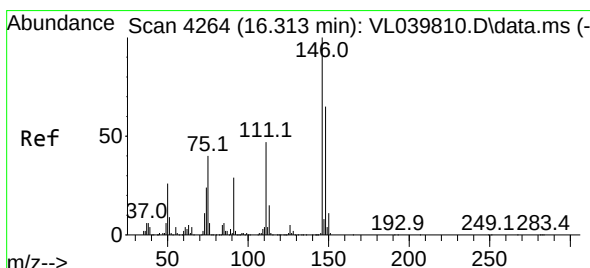
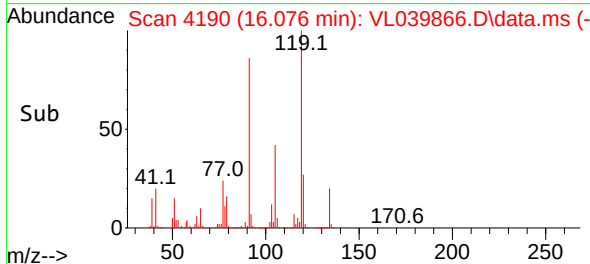
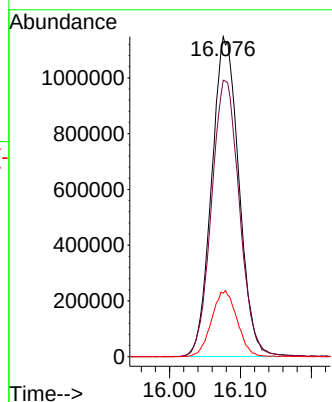
#65
 tert-Butylbenzene
 Concen: 8.801 ppbv
 RT: 16.076 min Scan# 4191
 Delta R.T. -0.003 min
 Lab File: VL039866.D
 Acq: 10 Nov 2022 15:53

Instrument :
 MSVOA_L
 ClientSampleId :



Tgt Ion:119 Resp: 3065398

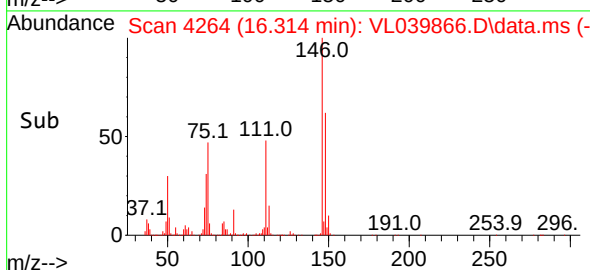
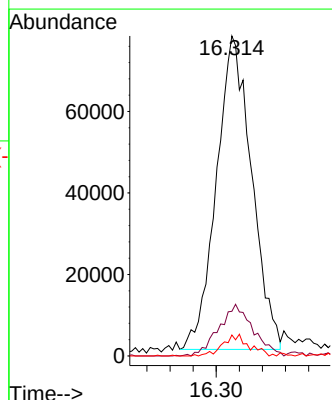
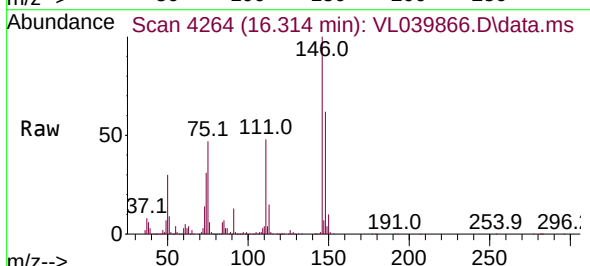
Ion	Ratio	Lower	Upper
119	100		
91	88.7	63.7	95.5
134	19.3	16.2	24.4

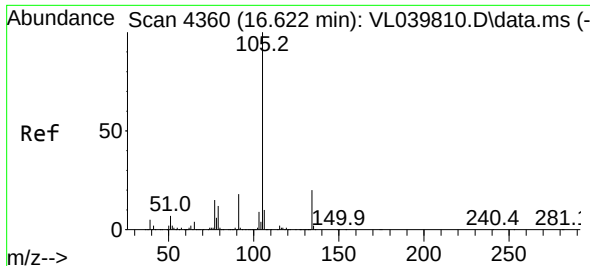


#66
 Benzyl Chloride
 Concen: 4.027 ppbv
 RT: 16.314 min Scan# 4264
 Delta R.T. 0.000 min
 Lab File: VL039866.D
 Acq: 10 Nov 2022 15:53

Tgt Ion: 91 Resp: 163091

Ion	Ratio	Lower	Upper
91	100		
126	16.8	15.6	23.4
128	5.6	4.9	7.3





#67

sec-Butylbenzene

Concen: 9.339 ppbv

RT: 16.622 min Scan# 41

Delta R.T. 0.000 min

Lab File: VL039866.D

Acq: 10 Nov 2022 15:53

Instrument :

MSVOA_L

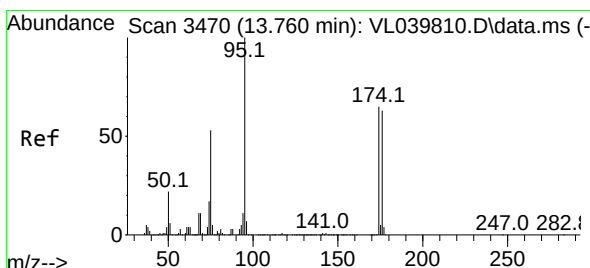
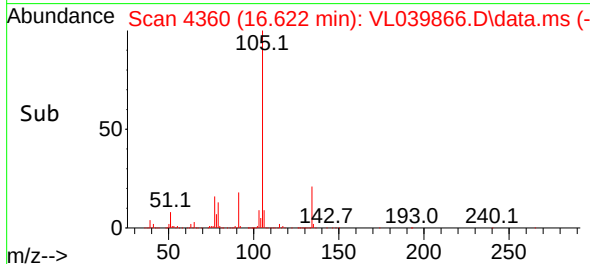
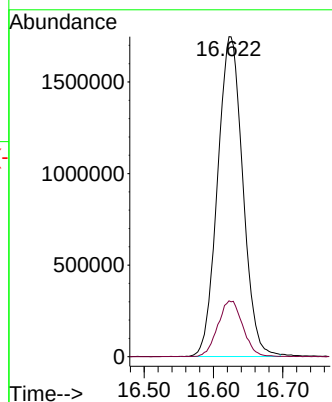
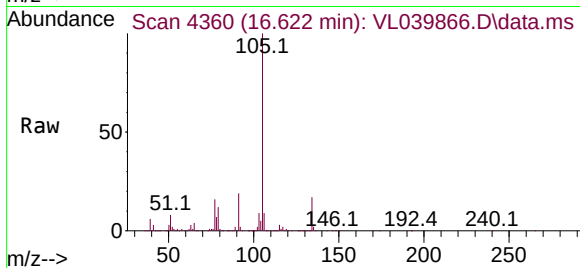
ClientSampleId :

Tgt Ion:105 Resp: 4427861

Ion Ratio Lower Upper

105 100

134 17.4 15.1 22.7



#68

1-Bromo-4-Fluorobenzene

Concen: 10.372 ppbv

RT: 13.764 min Scan# 3471

Delta R.T. 0.003 min

Lab File: VL039866.D

Acq: 10 Nov 2022 15:53

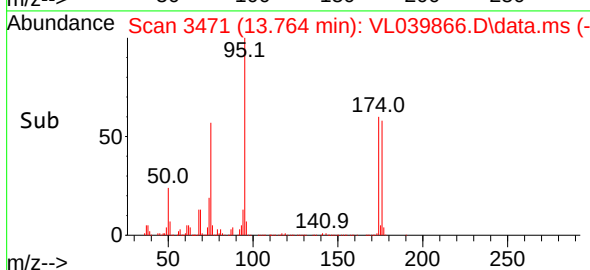
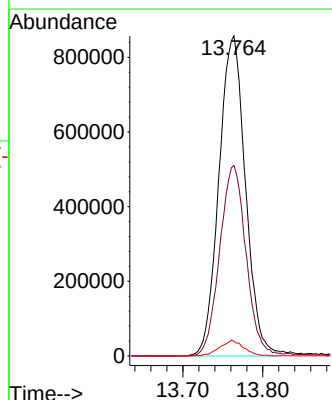
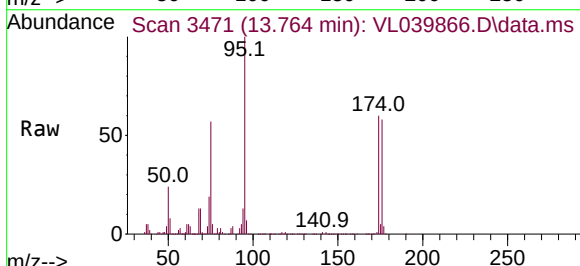
Tgt Ion: 95 Resp: 1974186

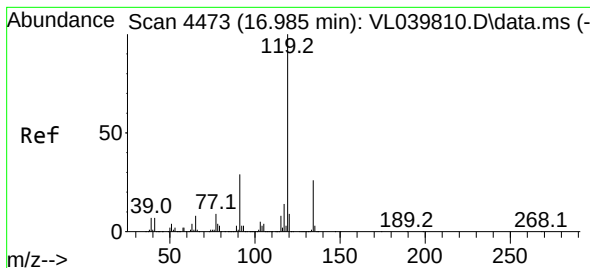
Ion Ratio Lower Upper

95 100

174 59.6 53.4 80.0

175 4.5 4.1 6.1





#69

p-Isopropyltoluene

Concen: 8.858 ppbv

RT: 16.982 min Scan# 4473

Delta R.T. -0.003 min

Lab File: VL039866.D

Acq: 10 Nov 2022 15:53

Instrument :

MSVOA_L

ClientSampleId :

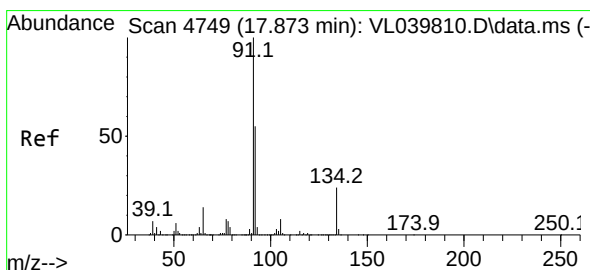
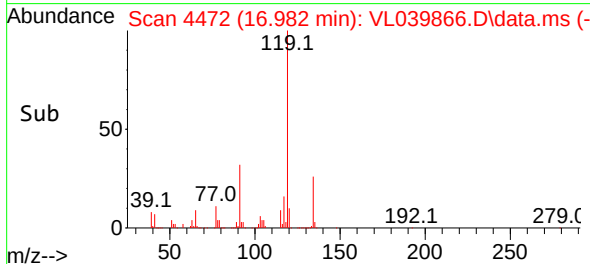
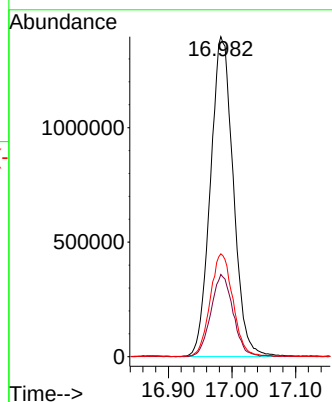
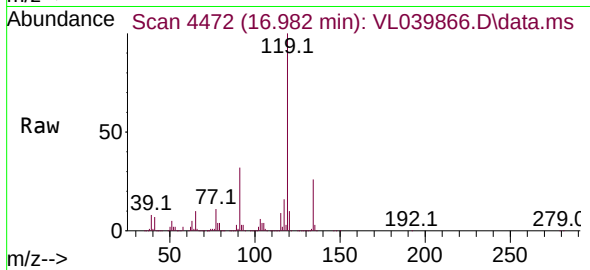
Tgt Ion:119 Resp: 3483558

Ion Ratio Lower Upper

119 100

134 25.1 21.0 31.6

91 32.0 22.8 34.2



#70

n-Butylbenzene

Concen: 9.961 ppbv

RT: 17.876 min Scan# 4750

Delta R.T. 0.003 min

Lab File: VL039866.D

Acq: 10 Nov 2022 15:53

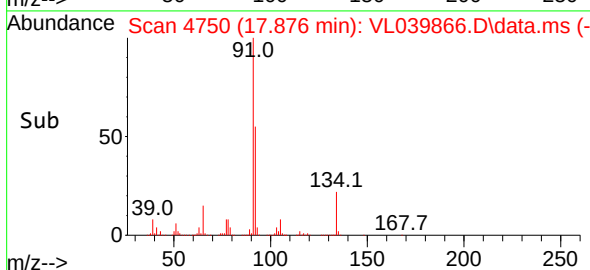
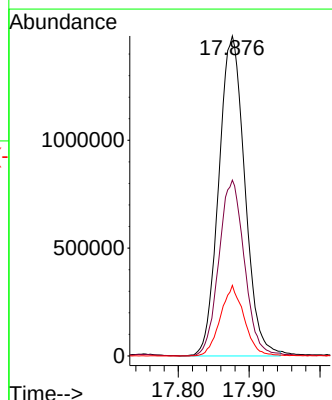
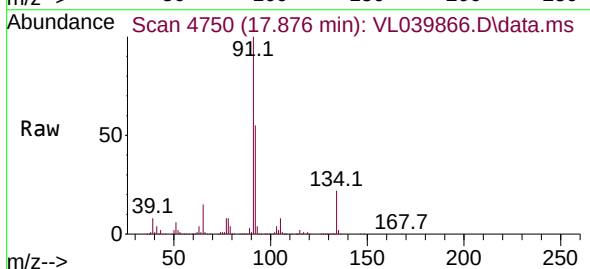
Tgt Ion: 91 Resp: 3786957

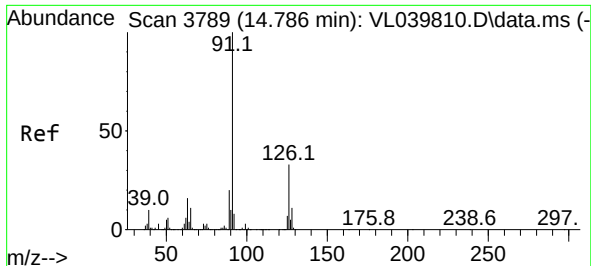
Ion Ratio Lower Upper

91 100

92 54.1 44.1 66.1

134 20.3 19.0 28.6

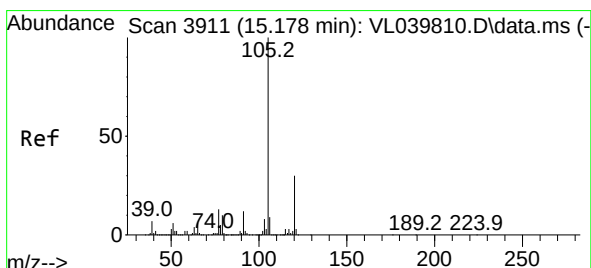
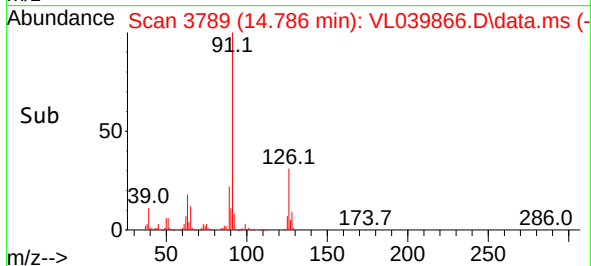
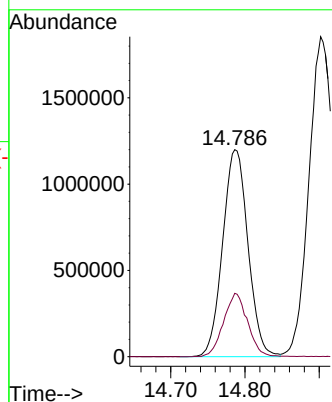
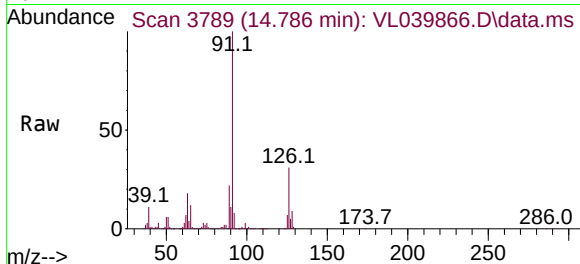




#71
2-Chlorotoluene
Concen: 9.542 ppbv
RT: 14.786 min Scan# 3789
Delta R.T. 0.000 min
Lab File: VL039866.D
Acq: 10 Nov 2022 15:53

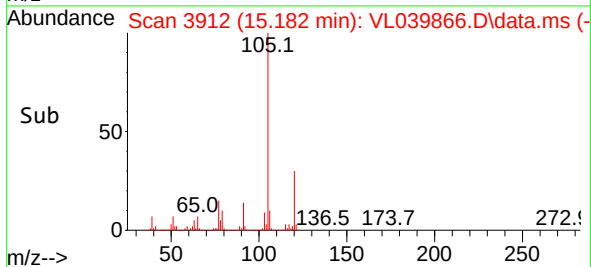
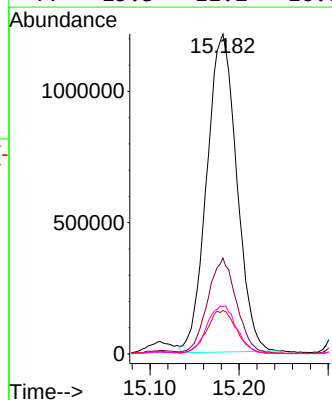
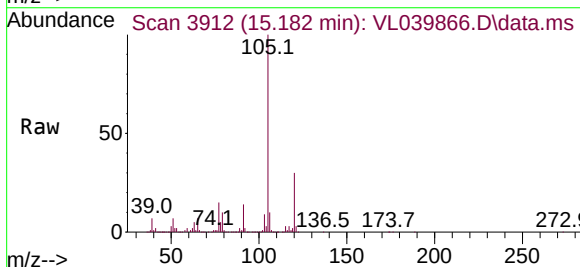
Instrument :
MSVOA_L
ClientSampleId :

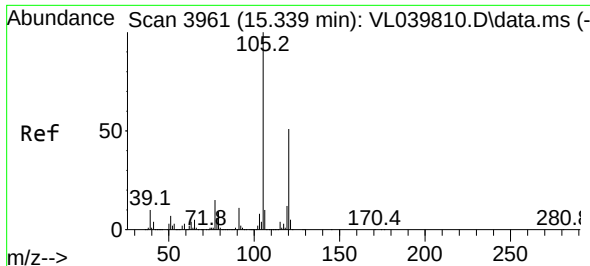
Tgt Ion: 91 Resp: 2844131
Ion Ratio Lower Upper
91 100
126 29.2 12.9 51.5



#72
4-Ethyltoluene
Concen: 9.249 ppbv
RT: 15.182 min Scan# 3912
Delta R.T. 0.003 min
Lab File: VL039866.D
Acq: 10 Nov 2022 15:53

Tgt Ion: 105 Resp: 2832132
Ion Ratio Lower Upper
105 100
120 29.3 26.0 39.0
91 13.9 10.5 15.7
77 15.3 11.2 16.8

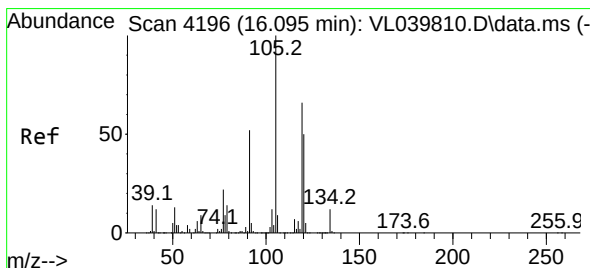
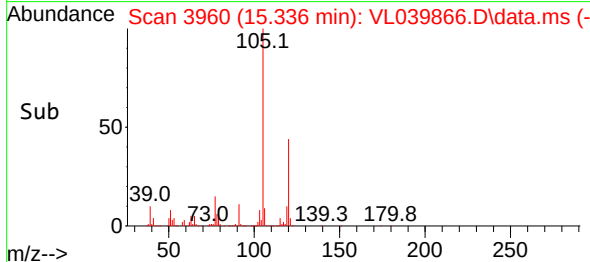
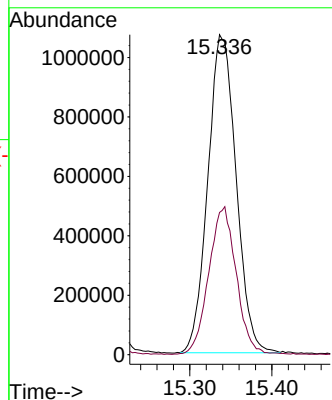
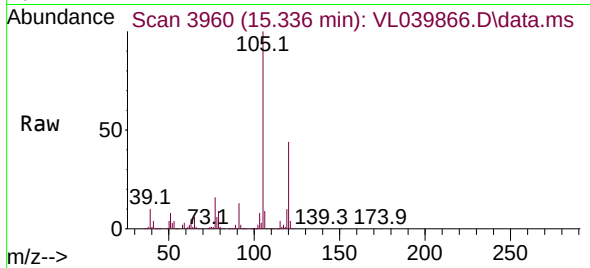




#73
1,3,5-Trimethylbenzene
Concen: 9.453 ppbv
RT: 15.336 min Scan# 3961
Delta R.T. -0.003 min
Lab File: VL039866.D
Acq: 10 Nov 2022 15:53

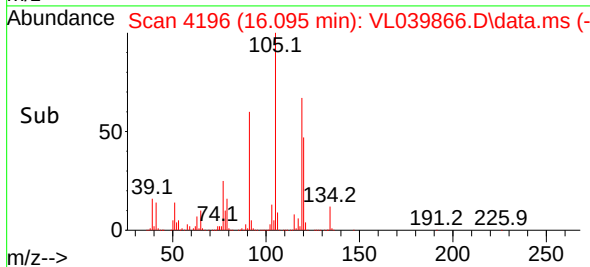
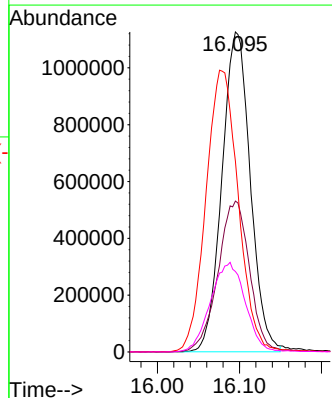
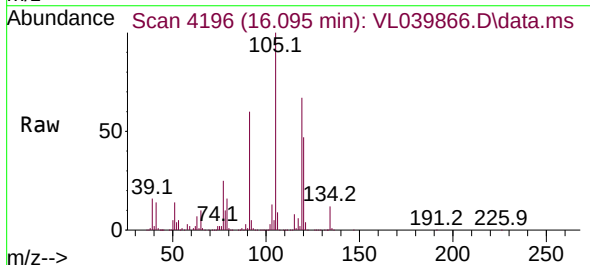
Instrument :
MSVOA_L
ClientSampleId :

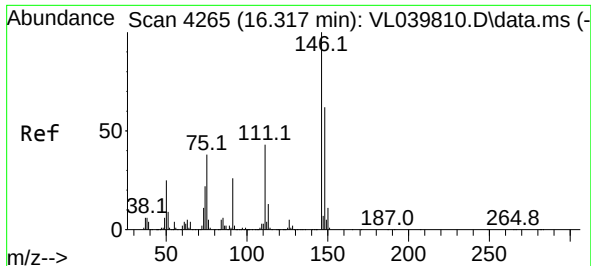
Tgt Ion:105 Resp: 2566093
Ion Ratio Lower Upper
105 100
120 44.4 41.0 61.4



#74
1,2,4-Trimethylbenzene
Concen: 9.378 ppbv
RT: 16.095 min Scan# 4196
Delta R.T. 0.000 min
Lab File: VL039866.D
Acq: 10 Nov 2022 15:53

Tgt Ion:105 Resp: 2704593
Ion Ratio Lower Upper
105 100
120 47.0 40.2 60.4
91 58.9 42.6 64.0
77 24.9 17.8 26.8

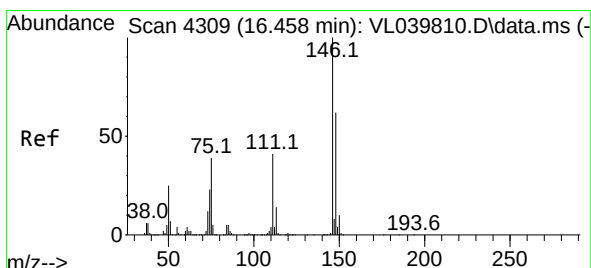
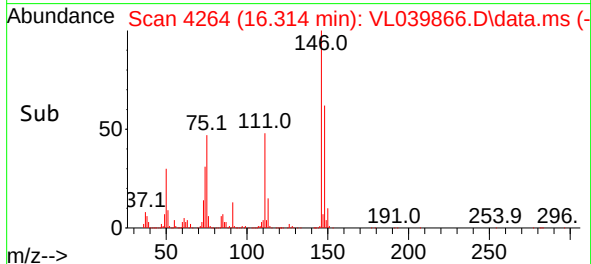
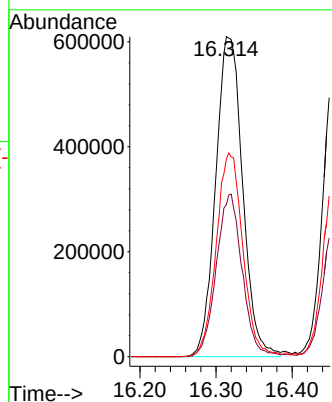
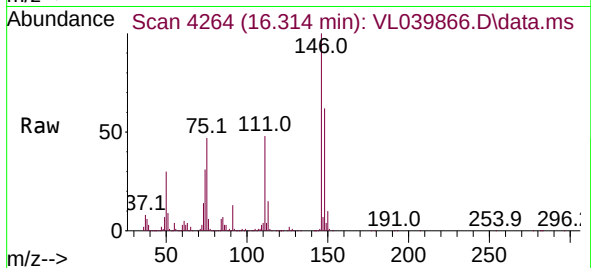




#75
1,3-Dichlorobenzene
Concen: 8.918 ppbv
RT: 16.314 min Scan# 41
Delta R.T. -0.003 min
Lab File: VL039866.D
Acq: 10 Nov 2022 15:53

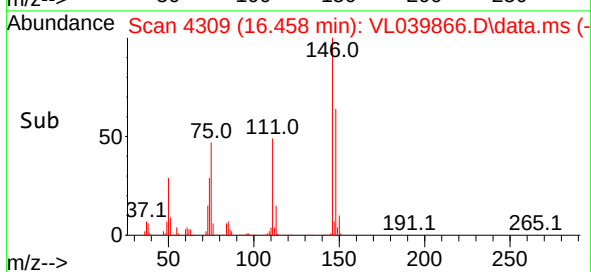
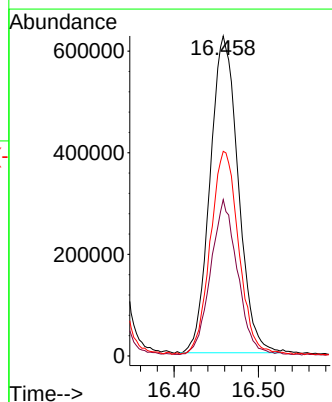
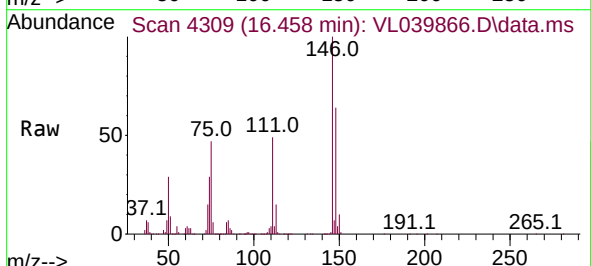
Instrument :
MSVOA_1
ClientSampleId :

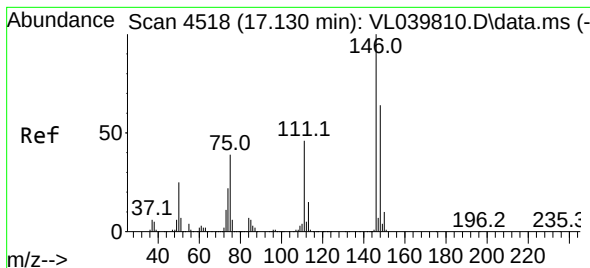
Tgt Ion:146 Resp: 1501690
Ion Ratio Lower Upper
146 100
111 49.0 22.9 68.8
148 63.0 32.3 96.9



#76
1,4-Dichlorobenzene
Concen: 8.746 ppbv
RT: 16.458 min Scan# 4309
Delta R.T. 0.000 min
Lab File: VL039866.D
Acq: 10 Nov 2022 15:53

Tgt Ion:146 Resp: 1445223
Ion Ratio Lower Upper
146 100
111 48.4 22.7 68.1
148 66.6 33.1 99.3





#77

1,2-Dichlorobenzene

Concen: 9.247 ppbv

RT: 17.130 min Scan# 4518

Delta R.T. 0.000 min

Lab File: VL039866.D

Acq: 10 Nov 2022 15:53

Instrument :

MSVOA_L

ClientSampleId :

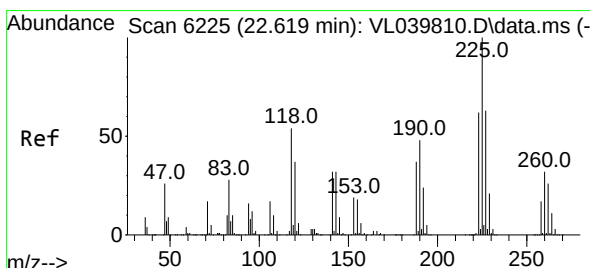
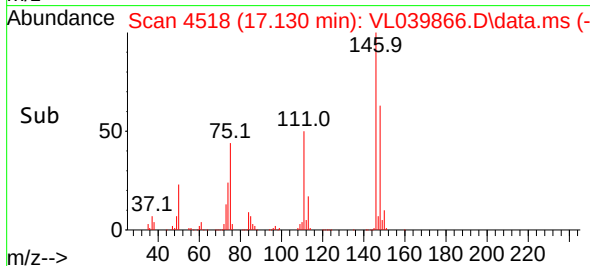
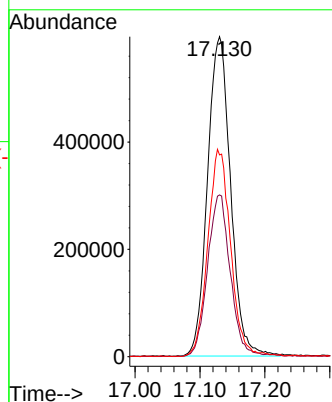
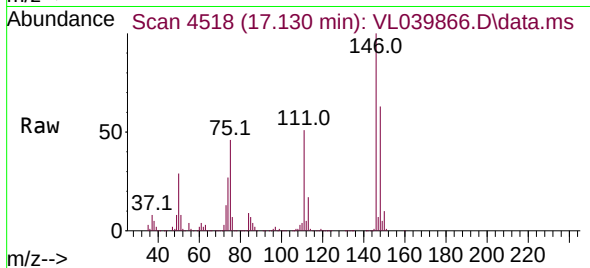
Tgt Ion:146 Resp: 1467934

Ion Ratio Lower Upper

146 100

111 50.4 23.9 71.8

148 63.9 32.4 97.2



#78

Hexachloro-1,3-Butadiene

Concen: 7.540 ppbv

RT: 22.619 min Scan# 6225

Delta R.T. 0.000 min

Lab File: VL039866.D

Acq: 10 Nov 2022 15:53

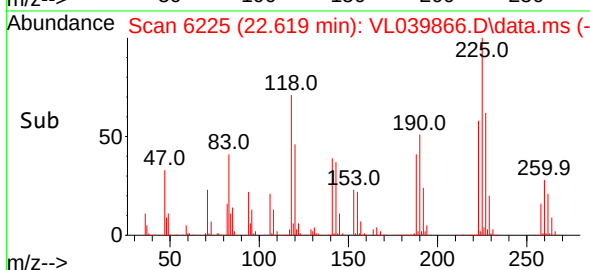
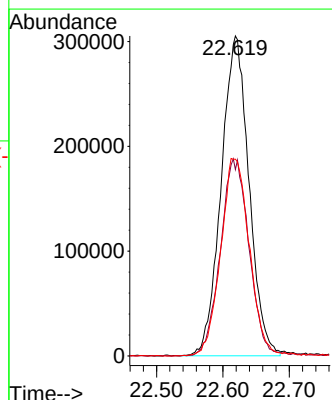
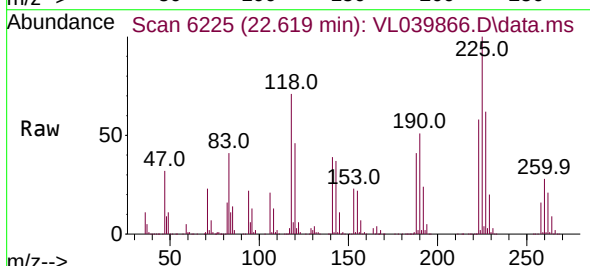
Tgt Ion:225 Resp: 886879

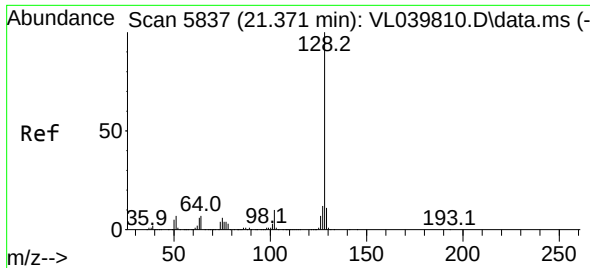
Ion Ratio Lower Upper

225 100

223 64.3 50.6 75.8

227 64.3 51.6 77.4

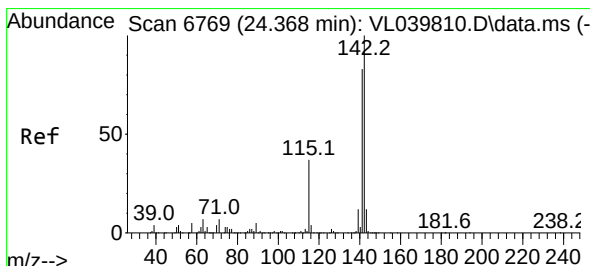
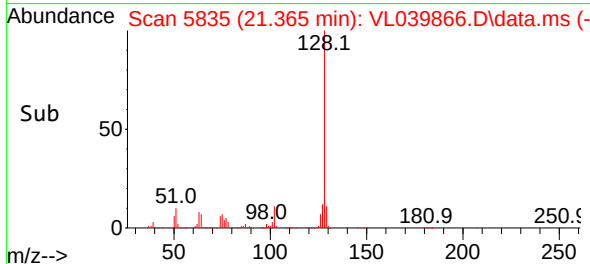
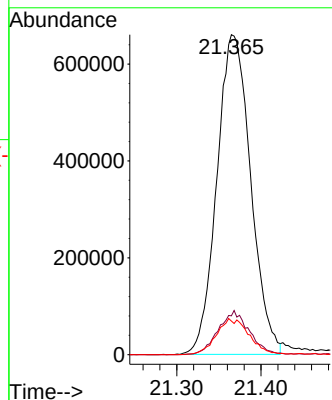
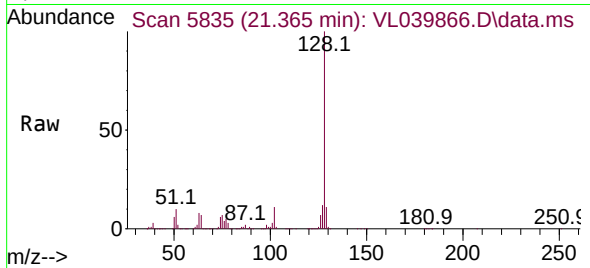




#79
Naphthalene
Concen: 8.780 ppbv
RT: 21.365 min Scan# 5835
Delta R.T. -0.006 min
Lab File: VL039866.D
Acq: 10 Nov 2022 15:53

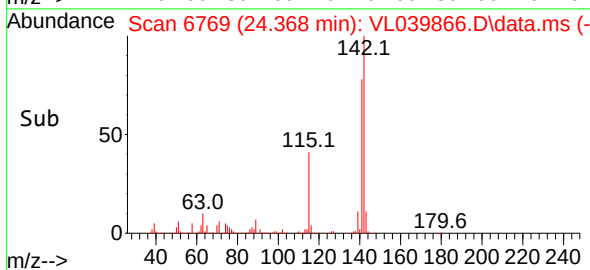
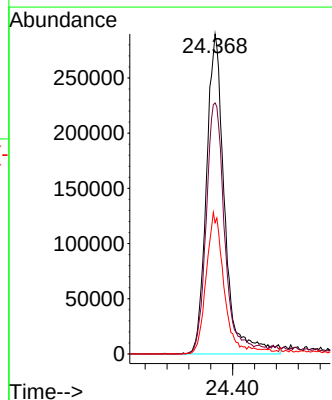
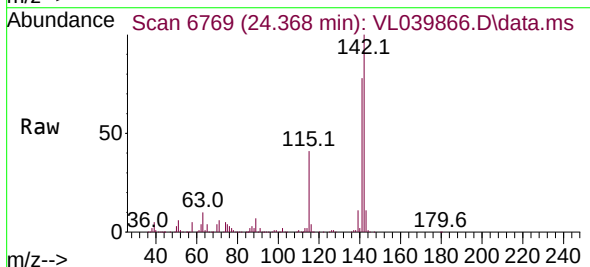
Instrument :
MSVOA_L
ClientSampleId :

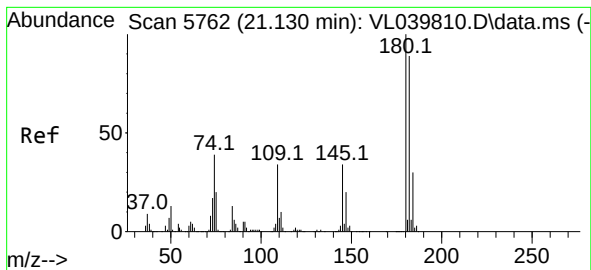
Tgt Ion:128 Resp: 1840915
Ion Ratio Lower Upper
128 100
127 12.2 9.8 14.6
129 10.5 8.6 13.0



#80
Naphthalene,2-methyl-
Concen: 7.530 ppbv
RT: 24.368 min Scan# 6769
Delta R.T. 0.000 min
Lab File: VL039866.D
Acq: 10 Nov 2022 15:53

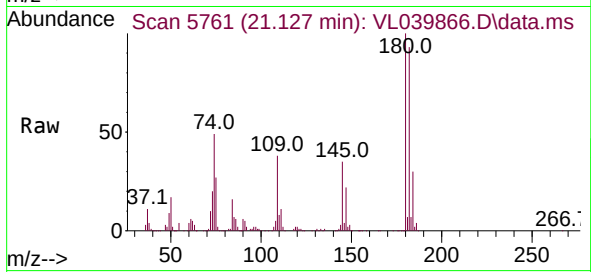
Tgt Ion:142 Resp: 669380
Ion Ratio Lower Upper
142 100
141 81.7 65.1 97.7
115 44.4 29.1 43.7#





#81
 1,2,4-Trichlorobenzene
 Concen: 8.611 ppbv
 RT: 21.127 min Scan# 51
 Delta R.T. -0.003 min
 Lab File: VL039866.D
 Acq: 10 Nov 2022 15:53

Instrument :
 MSVOA_L
 ClientSampleId :



Tgt Ion:180 Resp: 1009968

Ion	Ratio	Lower	Upper
180	100		
182	98.0	78.1	117.1
184	30.8	24.5	36.7

