

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL120122\
 Data File : VL039936.D
 Acq On : 1 Dec 2022 9:19
 Operator : SY/MD
 Sample : VSTDC0010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDC0010

Quant Time: Dec 02 05:22:34 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL111822AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Nov 22 03:45:31 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.173	49	1130019	10.000	ppbv	0.02
33) 1,4-Difluorobenzene	6.635	114	3142459	10.000	ppbv	0.02
55) Chlorobenzene-d5	11.452	117	3671831	10.000	ppbv	# 0.01

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.764	95	2212480	7.889	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	78.900%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.710	85	1942408	12.002	ppbv	95
3) Chlorodifluoromethane	2.655	51	1364994	8.754	ppbv	98
4) Chloromethane	2.790	50	865084	8.682	ppbv	99
5) Vinyl Chloride	2.899	62	754354	9.688	ppbv	99
6) Bromomethane	3.099	94	252844	9.520	ppbv	99
7) Chloroethane	3.176	64	267577	8.694	ppbv	99
8) Dichlorotetrafluoroethane	2.835	85	1775320	9.607	ppbv	100
9) Propene	2.671	41	628545	8.557	ppbv	99
10) Heptane	7.565	43	1563344	8.820	ppbv	99
11) Trichlorofluoromethane	3.542	101	1789713	9.066	ppbv	99
12) 1,1,2-Trichlorotrifluo...	4.047	101	1380400	9.239	ppbv	97
13) Ethanol	3.218	45	15374	2.741	ppbv #	38
14) Bromoethene	3.346	108	562539	9.655	ppbv	99
15) Acetone	3.446	43	1312713	8.758	ppbv	97
16) 1,3-Butadiene	2.964	39	671616	8.991	ppbv	98
17) tert-Butyl alcohol	3.857	59	1505487	8.736	ppbv	100
18) 1,1-Dichloroethene	3.861	96	621221	9.115	ppbv	96
19) Isopropyl Alcohol	3.555	45	734573	9.052	ppbv #	31
20) Methylene Chloride	3.912	84	537296	7.399	ppbv	96
21) Allyl Chloride	3.976	41	957980	9.214	ppbv	100
22) trans-1,2-Dichloroethene	4.427	96	648310	9.354	ppbv	98
23) Vinyl Acetate	4.607	43	535054	8.689	ppbv	99
24) 1,1-Dichloroethane	4.542	63	1336613	9.003	ppbv	99
25) Ethyl Acetate	5.185	43	2740706	9.959	ppbv	100
26) Hexane	5.195	57	1194364	9.935	ppbv	98
27) Carbon Disulfide	4.105	76	1601557	10.552	ppbv	98
28) Methyl tert-Butyl Ether	4.565	73	1337287	8.885	ppbv	100
29) Chloroform	5.256	83	1860933	11.648	ppbv	99
30) Cyclohexane	6.584	84	1049914	8.900	ppbv	96
31) cis-1,2-Dichloroethene	5.057	61	1040786	9.371	ppbv	98
32) 1,1,1-Trichloroethane	5.983	97	1940162	9.724	ppbv	99
34) 2-Butanone	4.767	43	1521879	10.121	ppbv	98
35) Carbon Tetrachloride	6.478	117	1985468	11.125	ppbv	99
36) Benzene	6.353	78	2580912	9.662	ppbv	100
37) 1,2-Dichloroethane	5.787	62	1464872	10.008	ppbv	100
38) Trichloroethene	7.275	130	1473187	9.866	ppbv	99
39) 1,2-Dichloropropane	7.057	63	984676	9.462	ppbv	99
40) 1,4-Dioxane	7.272	88	421027	10.156	ppbv	87
41) Tetrahydrofuran	5.539	42	1037396	9.993	ppbv	99
42) Bromodichloromethane	7.234	83	2144056	10.801	ppbv	100
43) Methyl Methacrylate	7.459	69	1059976	10.122	ppbv	98
44) 2,2,4-Trimethylpentane	7.311	57	4217051	9.457	ppbv	100
45) t-1,3-Dichloropropene	8.693	75	1077266	11.134	ppbv	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL120122\
 Data File : VL039936.D
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 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

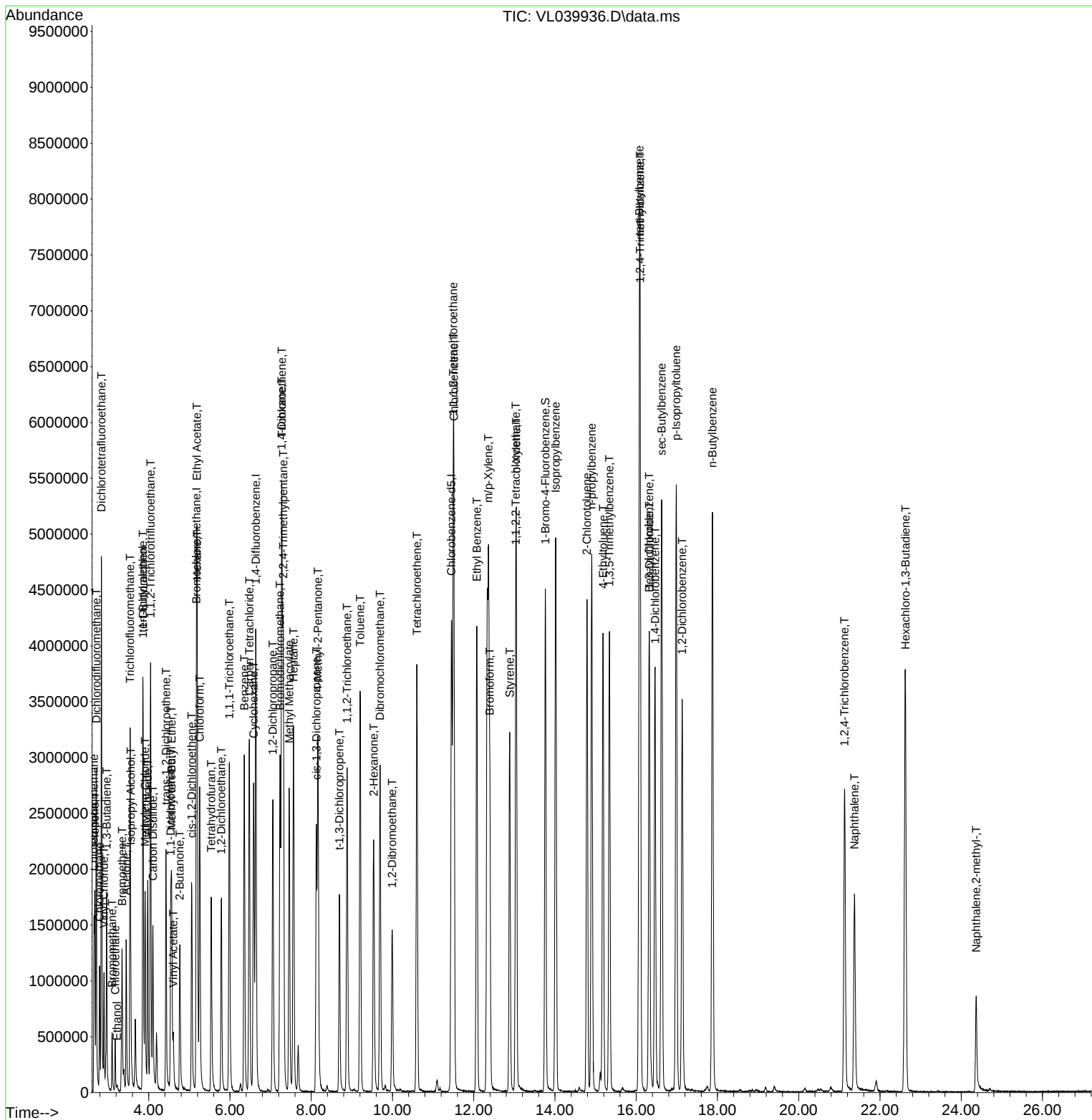
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

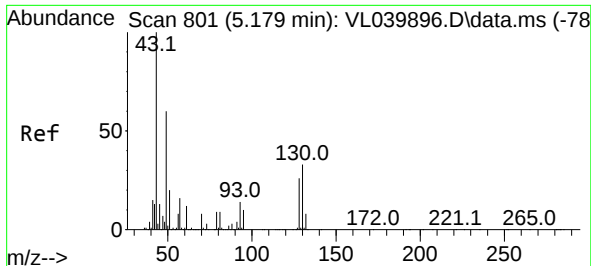
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL111822AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Nov 22 03:45:31 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.127	75	1398281	10.432	ppbv	98
47) 1,1,2-Trichloroethane	8.883	97	1063299	9.942	ppbv	98
48) Dibromochloromethane	9.696	129	1834699	11.712	ppbv	100
49) Bromoform	12.397	173	1503263	11.855	ppbv	100
50) 4-Methyl-2-Pentanone	8.166	43	2624553	9.746	ppbv	100
51) 2-Hexanone	9.539	43	2090106	9.998	ppbv #	100
52) Tetrachloroethene	10.603	164	919795	9.205	ppbv	95
53) Toluene	9.204	91	2985634	9.812	ppbv	100
54) 1,2-Dibromoethane	9.995	107	1242585	10.887	ppbv	98
56) 1,1,1,2-Tetrachloroethane	11.497	131	1290120	8.595	ppbv	96
57) Chlorobenzene	11.513	112	2299315	8.190	ppbv	97
58) Ethyl Benzene	12.076	91	3994564	8.019	ppbv	99
59) m/p-Xylene	12.359	91	2972948	7.131	ppbv #	14
60) o-Xylene	13.047	91	3191021	8.026	ppbv	100
61) Styrene	12.889	104	2006519	8.454	ppbv	99
62) Isopropylbenzene	14.018	105	4628006	8.072	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.034	83	1105229	8.325	ppbv	99
64) n-propylbenzene	14.905	120	1222617	8.151	ppbv	95
65) tert-Butylbenzene	16.079	119	4015836	8.006	ppbv	99
66) Benzyl Chloride	16.317	91	379665	8.833	ppbv	97
67) sec-Butylbenzene	16.625	105	5567994	8.074	ppbv	98
69) p-Isopropyltoluene	16.986	119	4584846	8.070	ppbv	98
70) n-Butylbenzene	17.876	91	4587214	8.145	ppbv	99
71) 2-Chlorotoluene	14.789	91	3511848	8.081	ppbv	98
72) 4-Ethyltoluene	15.182	105	3745463	8.381	ppbv	99
73) 1,3,5-Trimethylbenzene	15.343	105	3332051	8.144	ppbv	99
74) 1,2,4-Trimethylbenzene	16.098	105	3537161	8.166	ppbv	96
75) 1,3-Dichlorobenzene	16.323	146	1998487	8.201	ppbv	99
76) 1,4-Dichlorobenzene	16.468	146	1947768	8.062	ppbv	98
77) 1,2-Dichlorobenzene	17.130	146	1921126	8.177	ppbv	99
78) Hexachloro-1,3-Butadiene	22.628	225	542282	3.326	ppbv #	19
79) Naphthalene	21.371	128	2266432	8.743	ppbv	99
80) Naphthalene,2-methyl-	24.371	142	650792	8.926	ppbv	96
81) 1,2,4-Trichlorobenzene	21.127	180	1238304	7.735	ppbv	99

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

Quant Time: Dec 02 05:22:34 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL111822AIR.M
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Response via : Initial Calibration

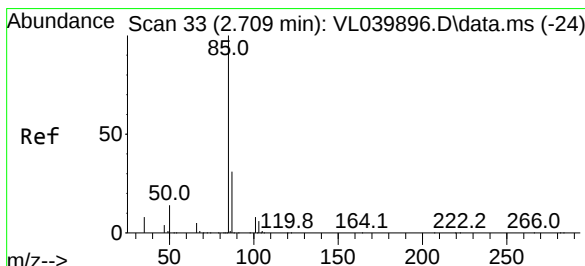
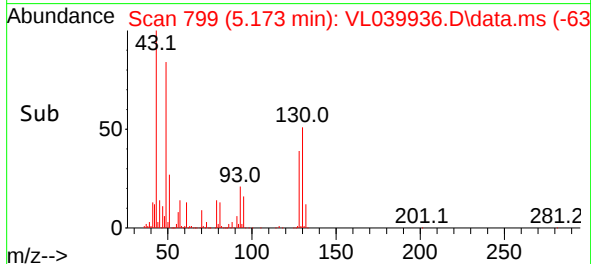
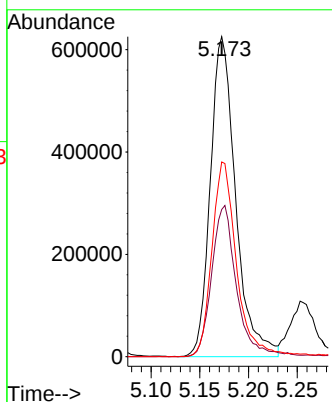
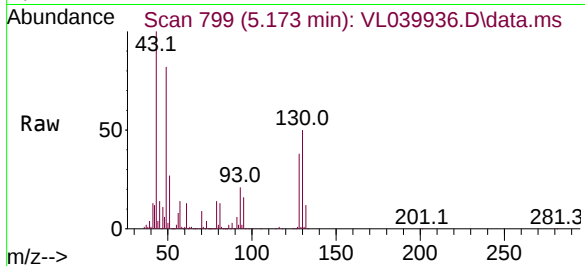




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.173 min Scan# 79
Delta R.T. 0.017 min
Lab File: VL039936.D
Acq: 1 Dec 2022 9:19

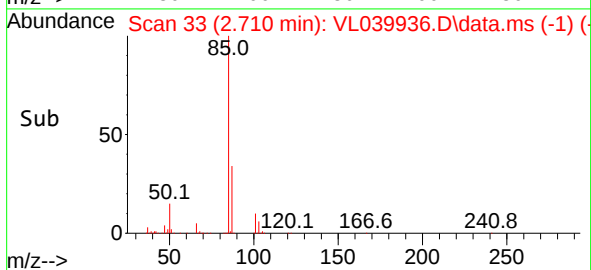
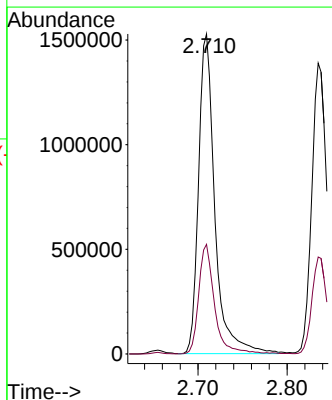
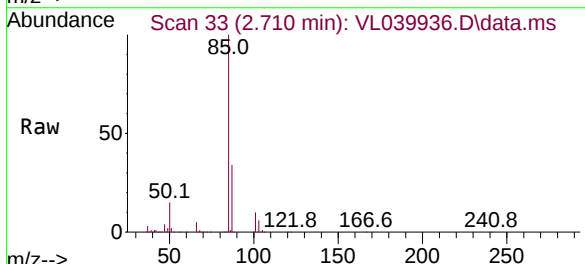
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

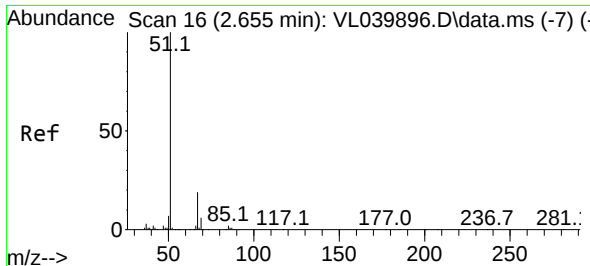
Tgt Ion: 49 Resp: 1130019
Ion Ratio Lower Upper
49 100
128 47.1 22.1 66.3
130 60.1 27.7 83.1



#2
Dichlorodifluoromethane
Concen: 12.002 ppbv
RT: 2.710 min Scan# 33
Delta R.T. 0.013 min
Lab File: VL039936.D
Acq: 1 Dec 2022 9:19

Tgt Ion: 85 Resp: 1942408
Ion Ratio Lower Upper
85 100
87 34.2 25.0 37.4

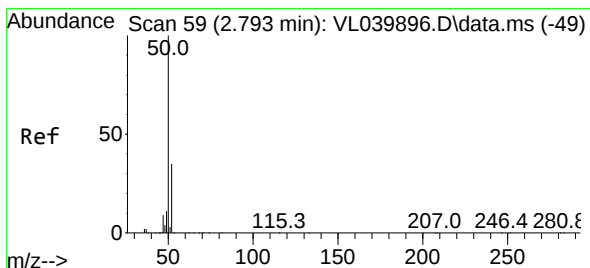
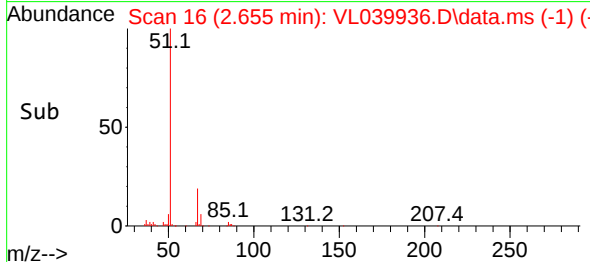
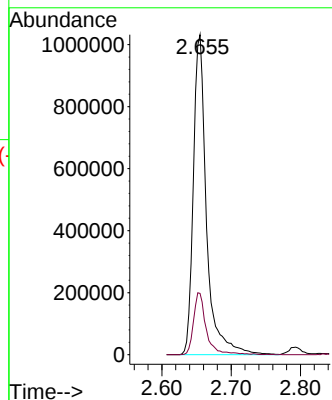
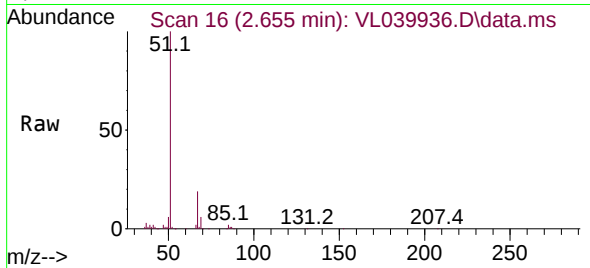




#3
Chlorodifluoromethane
Concen: 8.754 ppbv
RT: 2.655 min Scan# 11
Delta R.T. 0.013 min
Lab File: VL039936.D
Acq: 1 Dec 2022 9:19

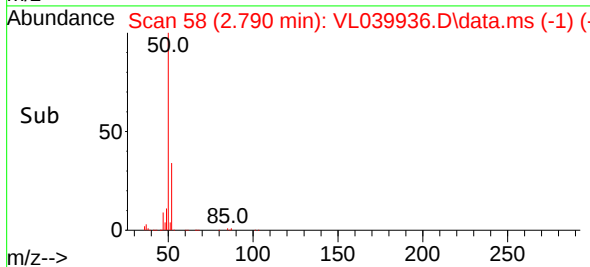
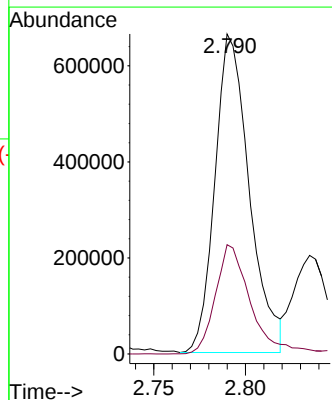
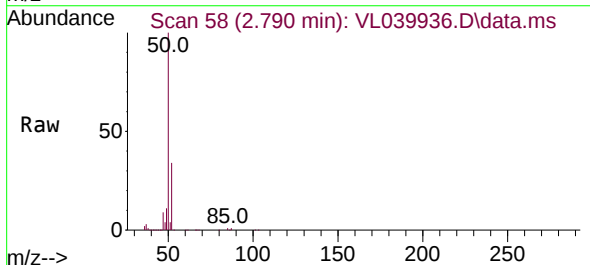
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

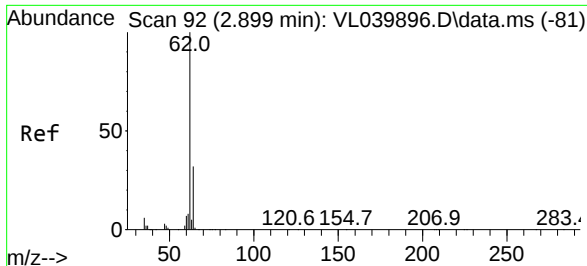
Tgt Ion: 51 Resp: 1364994
Ion Ratio Lower Upper
51 100
67 18.9 14.2 21.4



#4
Chloromethane
Concen: 8.682 ppbv
RT: 2.790 min Scan# 58
Delta R.T. 0.010 min
Lab File: VL039936.D
Acq: 1 Dec 2022 9:19

Tgt Ion: 50 Resp: 865084
Ion Ratio Lower Upper
50 100
52 34.3 27.8 41.8

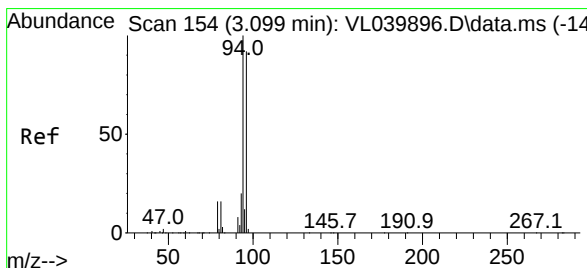
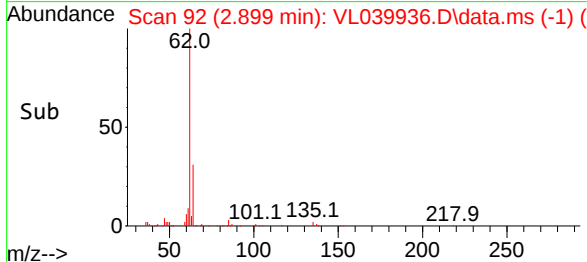
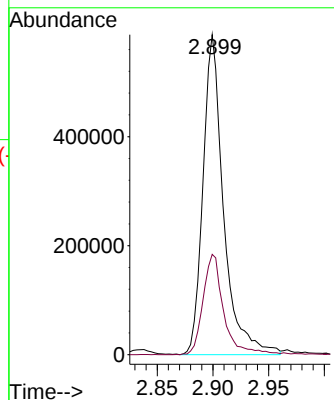
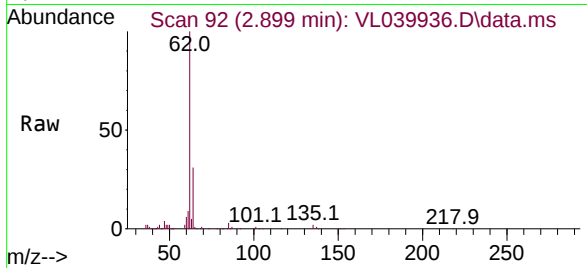




#5
 Vinyl Chloride
 Concen: 9.688 ppbv
 RT: 2.899 min Scan# 91
 Delta R.T. 0.013 min
 Lab File: VL039936.D
 Acq: 1 Dec 2022 9:19

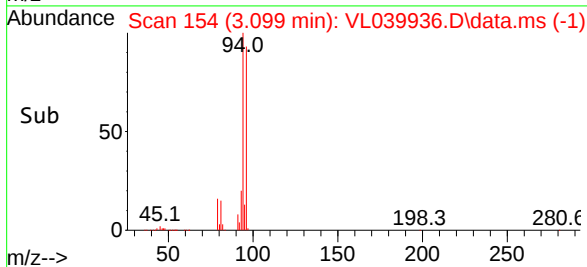
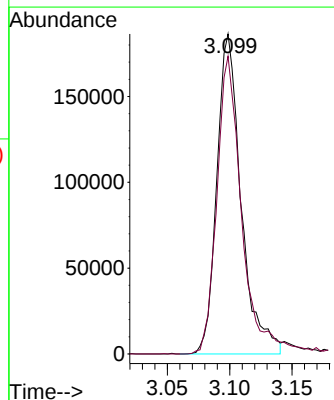
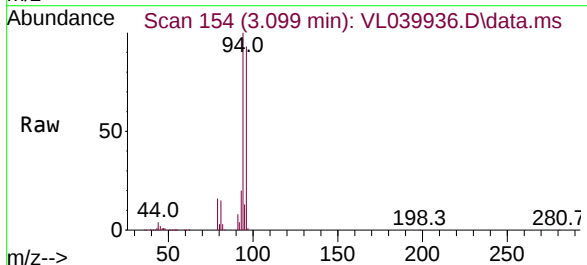
Instrument :
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 ClientSampleId :
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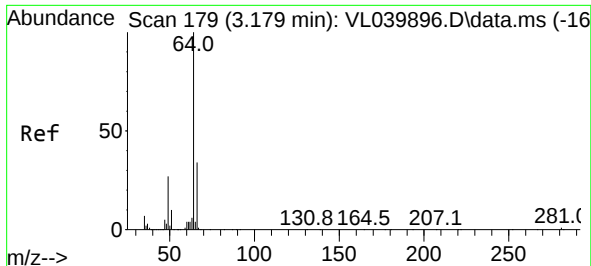
Tgt Ion: 62 Resp: 754354
 Ion Ratio Lower Upper
 62 100
 64 31.3 25.7 38.5



#6
 Bromomethane
 Concen: 9.520 ppbv
 RT: 3.099 min Scan# 154
 Delta R.T. 0.013 min
 Lab File: VL039936.D
 Acq: 1 Dec 2022 9:19

Tgt Ion: 94 Resp: 252844
 Ion Ratio Lower Upper
 94 100
 96 93.1 73.7 110.5

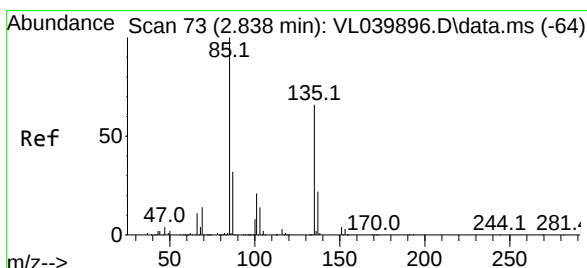
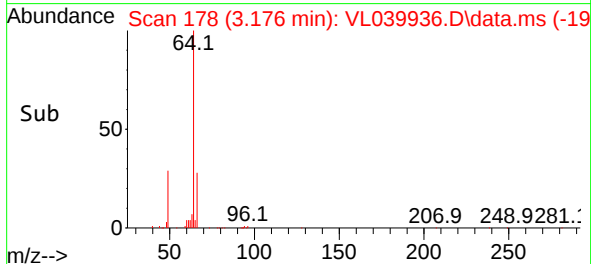
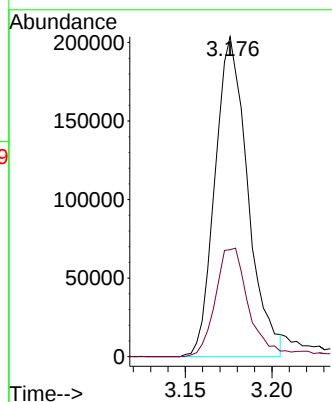
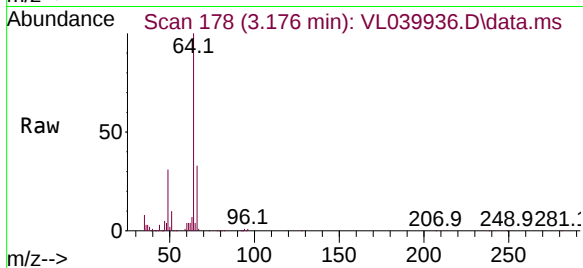




#7
Chloroethane
Concen: 8.694 ppbv
RT: 3.176 min Scan# 11
Delta R.T. 0.010 min
Lab File: VL039936.D
Acq: 1 Dec 2022 9:19

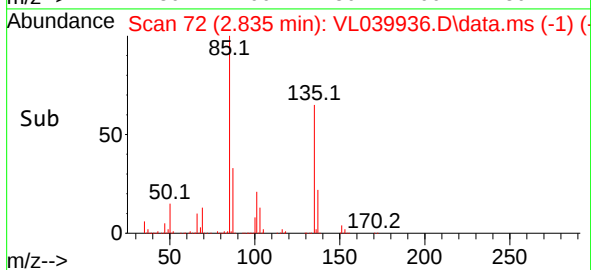
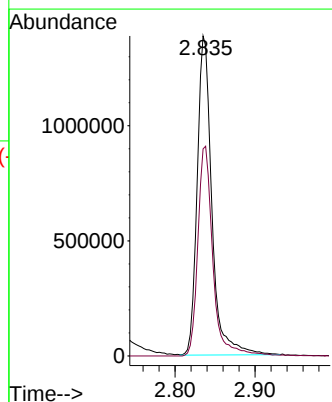
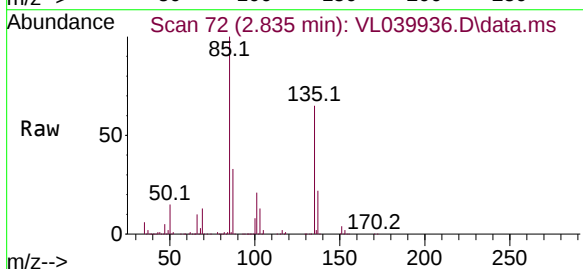
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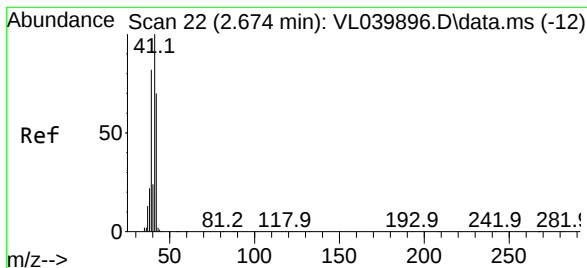
Tgt Ion: 64 Resp: 267577
Ion Ratio Lower Upper
64 100
66 33.5 27.3 40.9



#8
Dichlorotetrafluoroethane
Concen: 9.607 ppbv
RT: 2.835 min Scan# 72
Delta R.T. 0.010 min
Lab File: VL039936.D
Acq: 1 Dec 2022 9:19

Tgt Ion: 85 Resp: 1775320
Ion Ratio Lower Upper
85 100
135 67.7 54.1 81.1





#9

Propene

Concen: 8.557 ppbv

RT: 2.671 min Scan# 21

Delta R.T. 0.010 min

Lab File: VL039936.D

Acq: 1 Dec 2022 9:19

Instrument :

MSVOA_L

ClientSampleId :

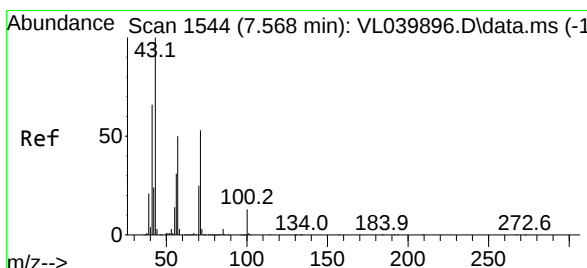
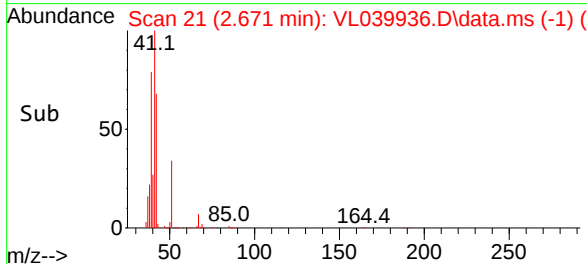
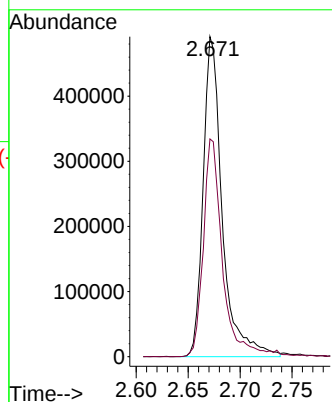
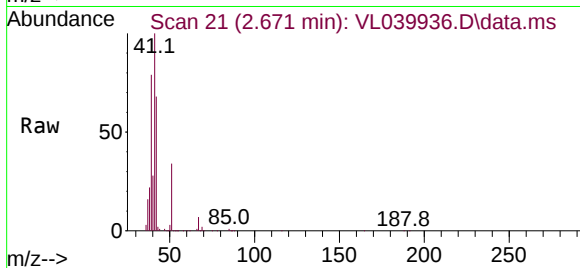
VSTDCCC010

Tgt Ion: 41 Resp: 628545

Ion Ratio Lower Upper

41 100

42 69.2 55.8 83.6



#10

Heptane

Concen: 8.820 ppbv

RT: 7.565 min Scan# 1543

Delta R.T. 0.019 min

Lab File: VL039936.D

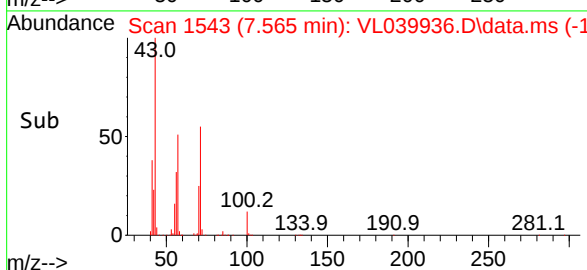
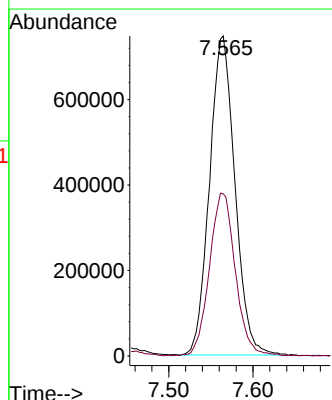
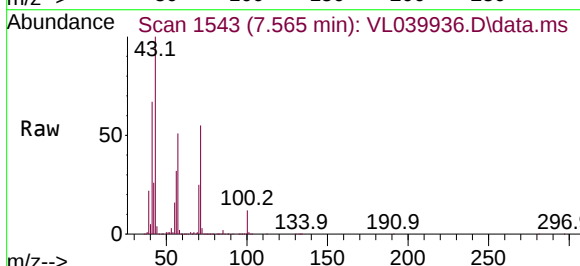
Acq: 1 Dec 2022 9:19

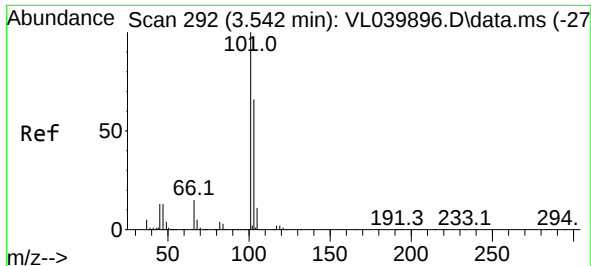
Tgt Ion: 43 Resp: 1563344

Ion Ratio Lower Upper

43 100

57 51.9 40.7 61.1

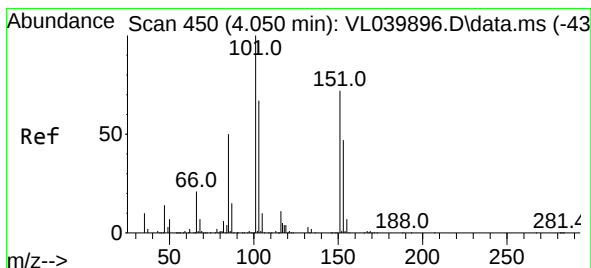
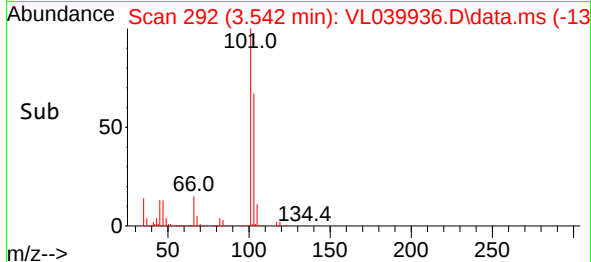
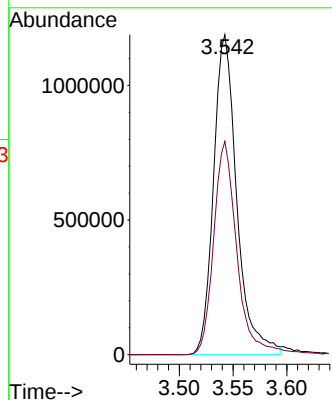
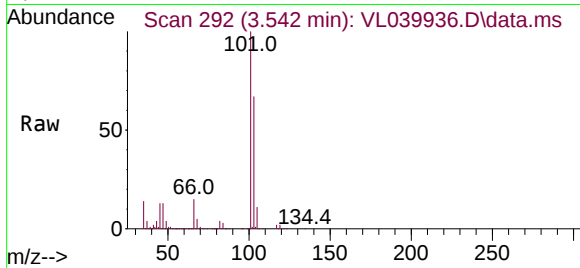




#11
 Trichlorofluoromethane
 Concen: 9.066 ppbv
 RT: 3.542 min Scan# 292
 Delta R.T. 0.013 min
 Lab File: VL039936.D
 Acq: 1 Dec 2022 9:19

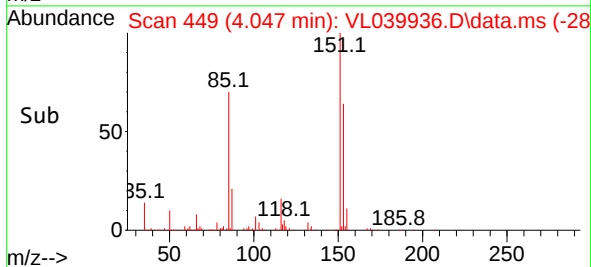
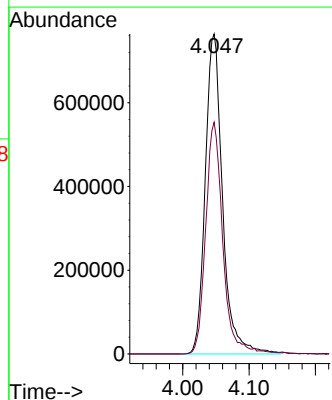
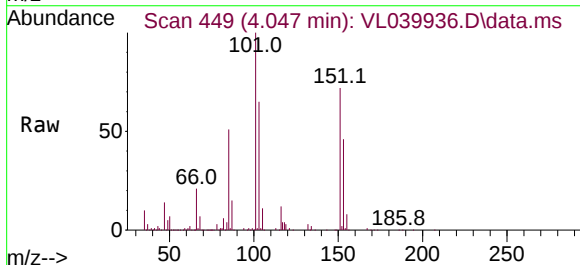
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

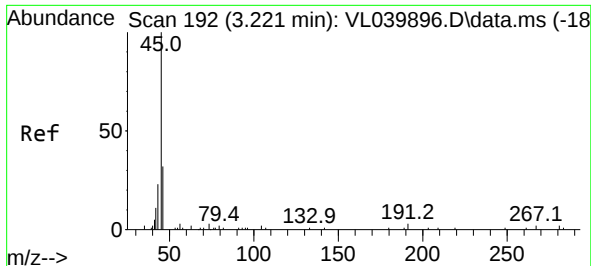
Tgt Ion:101 Resp: 1789713
 Ion Ratio Lower Upper
 101 100
 103 66.6 52.6 78.8



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 9.239 ppbv
 RT: 4.047 min Scan# 449
 Delta R.T. 0.013 min
 Lab File: VL039936.D
 Acq: 1 Dec 2022 9:19

Tgt Ion:101 Resp: 1380400
 Ion Ratio Lower Upper
 101 100
 151 72.2 59.6 89.4

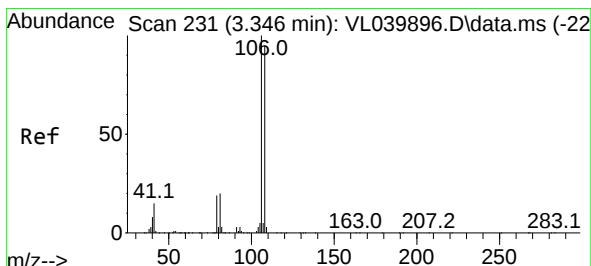
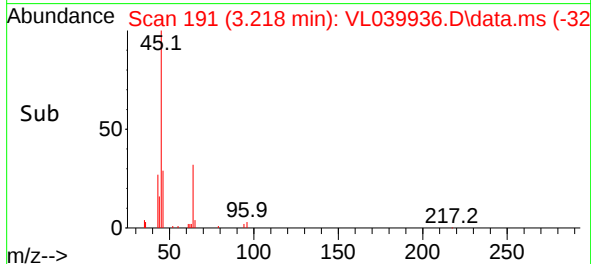
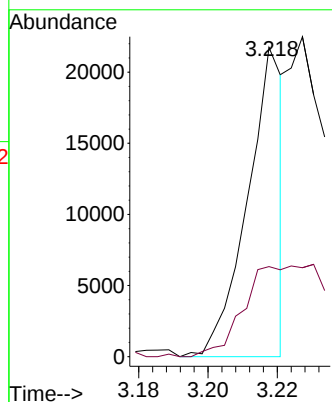
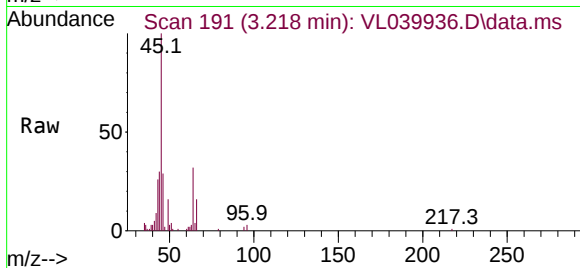




#13
Ethanol
Concen: 2.741 ppbv
RT: 3.218 min Scan# 192
Delta R.T. 0.010 min
Lab File: VL039936.D
Acq: 1 Dec 2022 9:19

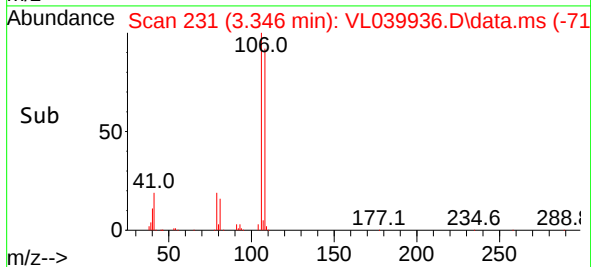
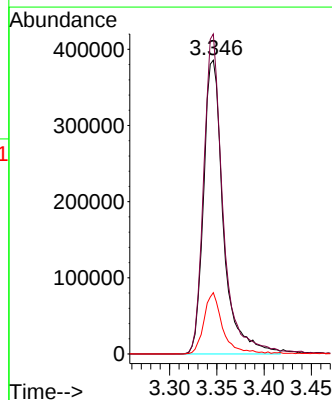
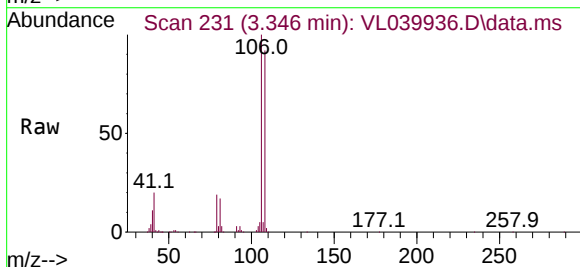
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

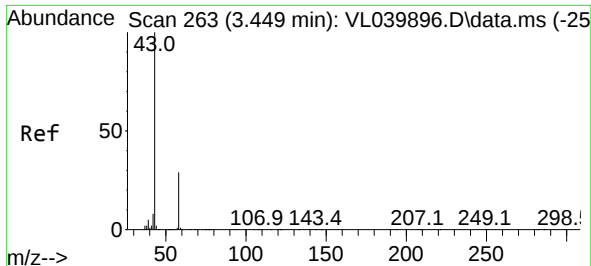
Tgt Ion: 45 Resp: 15374
Ion Ratio Lower Upper
45 100
46 0.0 14.6 58.2#



#14
Bromoethene
Concen: 9.655 ppbv
RT: 3.346 min Scan# 231
Delta R.T. 0.013 min
Lab File: VL039936.D
Acq: 1 Dec 2022 9:19

Tgt Ion: 108 Resp: 562539
Ion Ratio Lower Upper
108 100
106 107.7 87.3 130.9
79 20.5 15.9 23.9

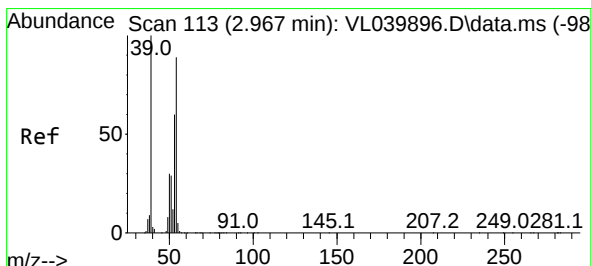
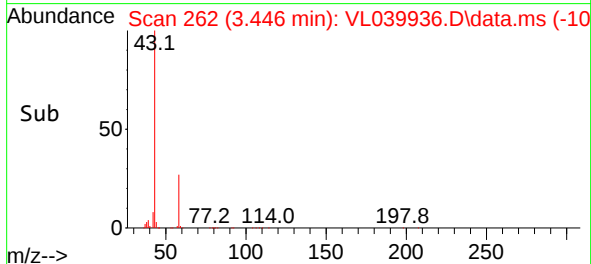
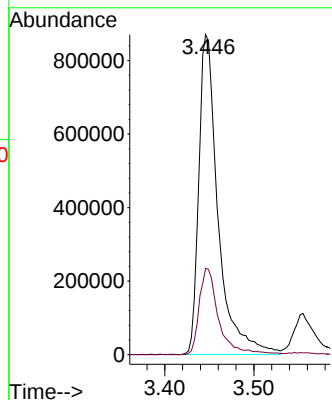
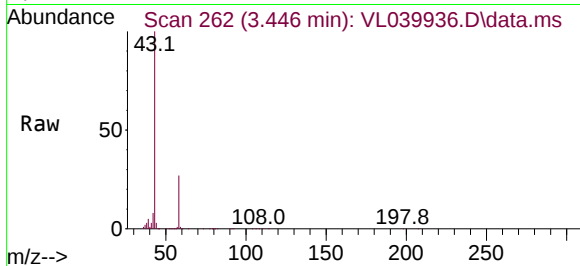




#15
Acetone
Concen: 8.758 ppbv
RT: 3.446 min Scan# 20
Delta R.T. 0.013 min
Lab File: VL039936.D
Acq: 1 Dec 2022 9:19

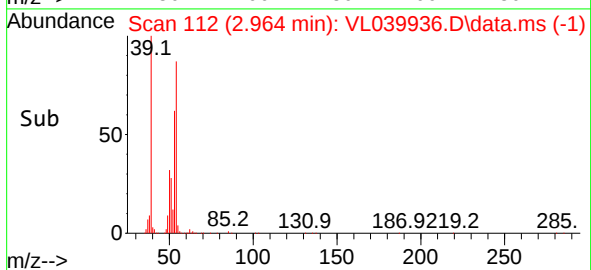
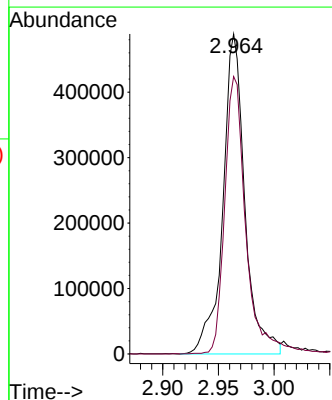
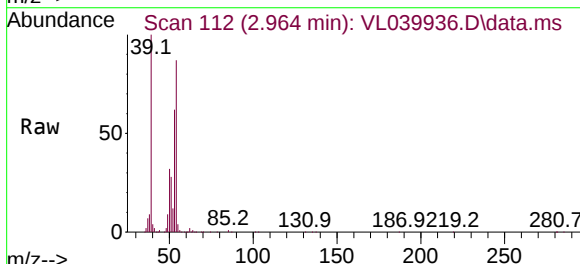
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

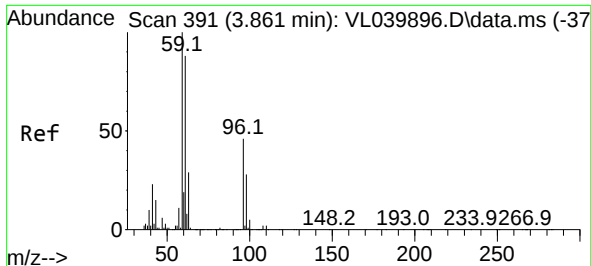
Tgt Ion: 43 Resp: 1312713
Ion Ratio Lower Upper
43 100
58 27.2 22.9 34.3



#16
1,3-Butadiene
Concen: 8.991 ppbv
RT: 2.964 min Scan# 112
Delta R.T. 0.010 min
Lab File: VL039936.D
Acq: 1 Dec 2022 9:19

Tgt Ion: 39 Resp: 671616
Ion Ratio Lower Upper
39 100
54 84.7 66.6 99.8





#17

tert-Butyl alcohol

Concen: 8.736 ppbv

RT: 3.857 min Scan# 391

Delta R.T. 0.013 min

Lab File: VL039936.D

Acq: 1 Dec 2022 9:19

Instrument :

MSVOA_L

ClientSampleId :

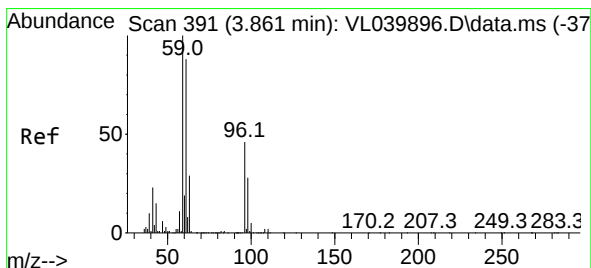
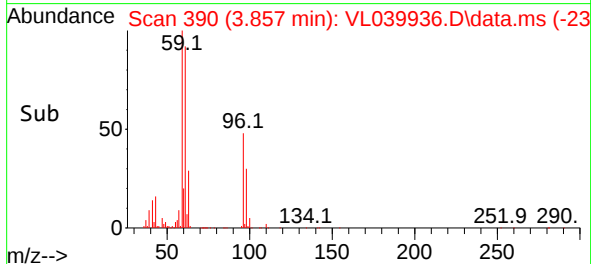
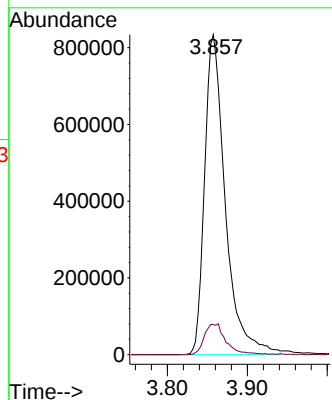
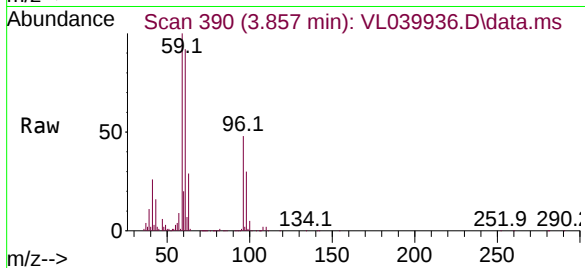
VSTDCCC010

Tgt Ion: 59 Resp: 1505487

Ion Ratio Lower Upper

59 100

57 10.2 8.3 12.5



#18

1,1-Dichloroethene

Concen: 9.115 ppbv

RT: 3.861 min Scan# 391

Delta R.T. 0.016 min

Lab File: VL039936.D

Acq: 1 Dec 2022 9:19

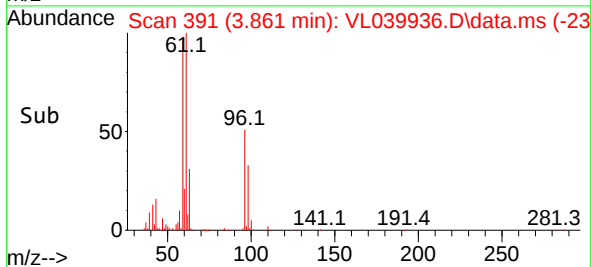
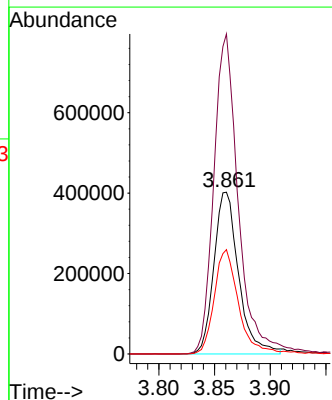
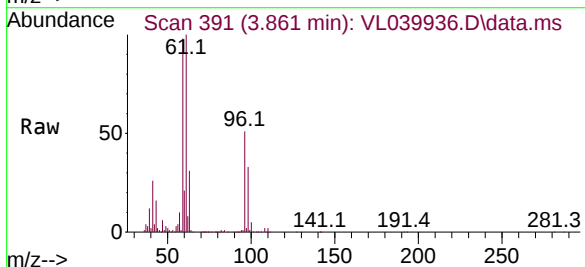
Tgt Ion: 96 Resp: 621221

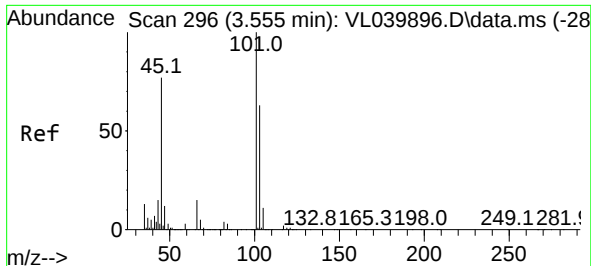
Ion Ratio Lower Upper

96 100

61 197.9 153.4 230.2

98 64.5 48.9 73.3

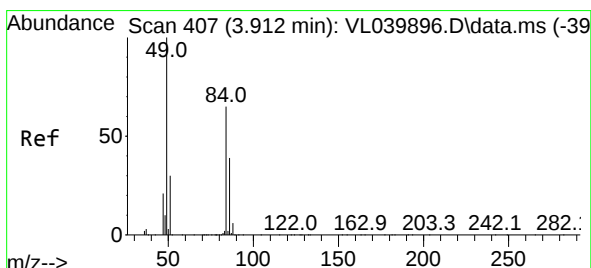
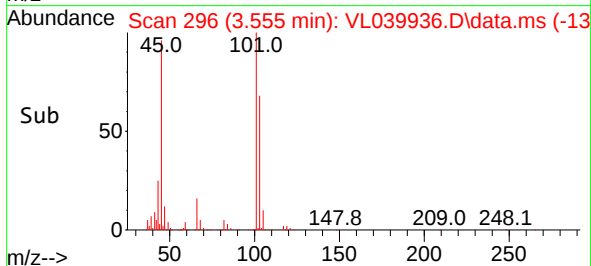
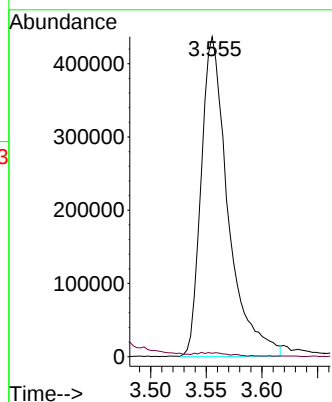
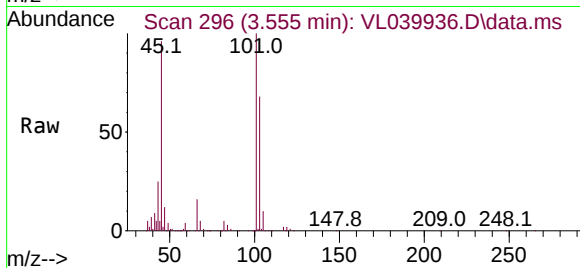




#19
Isopropyl Alcohol
Concen: 9.052 ppbv
RT: 3.555 min Scan# 296
Delta R.T. 0.013 min
Lab File: VL039936.D
Acq: 1 Dec 2022 9:19

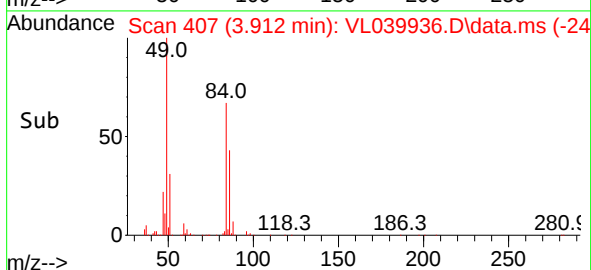
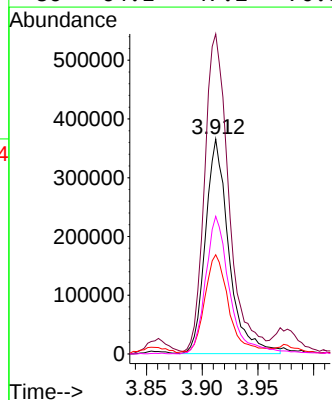
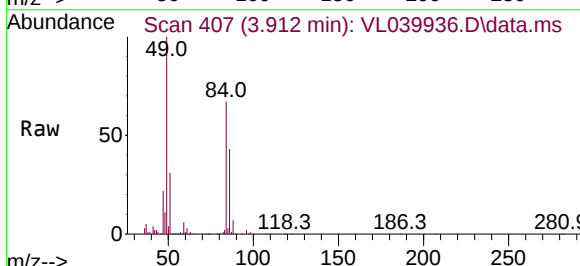
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

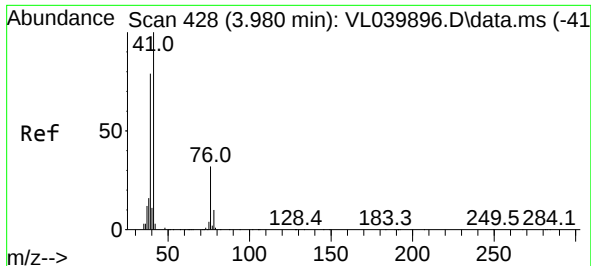
Tgt Ion: 45 Resp: 734573
Ion Ratio Lower Upper
45 100
58 1.8 38.7 58.1#



#20
Methylene Chloride
Concen: 7.399 ppbv
RT: 3.912 min Scan# 407
Delta R.T. 0.013 min
Lab File: VL039936.D
Acq: 1 Dec 2022 9:19

Tgt Ion: 84 Resp: 537296
Ion Ratio Lower Upper
84 100
49 147.7 122.2 183.4
51 45.4 36.3 54.5
86 64.1 47.2 70.8

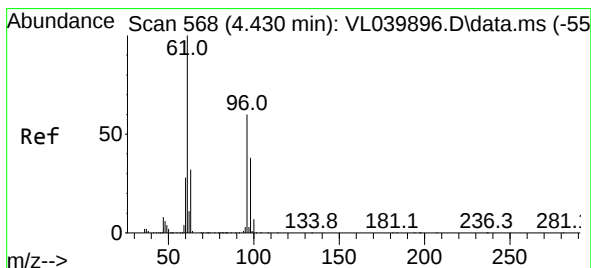
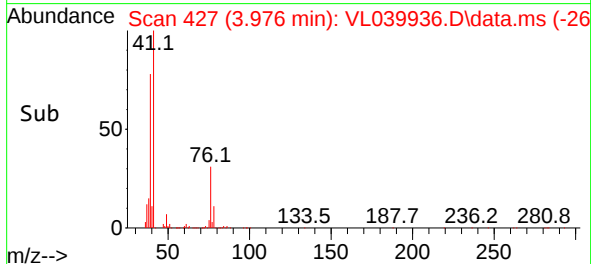
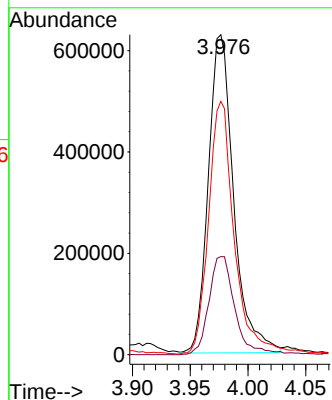
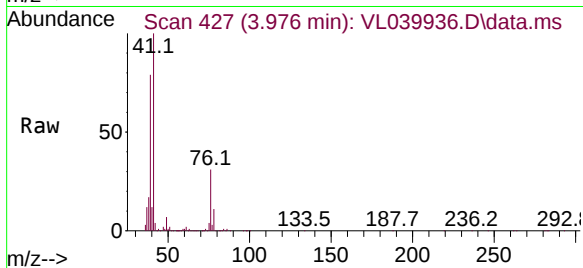




#21
 Allyl Chloride
 Concen: 9.214 ppbv
 RT: 3.976 min Scan# 41
 Delta R.T. 0.013 min
 Lab File: VL039936.D
 Acq: 1 Dec 2022 9:19

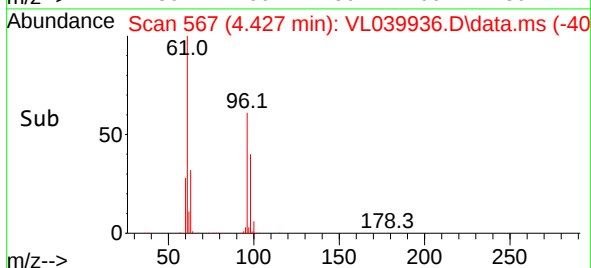
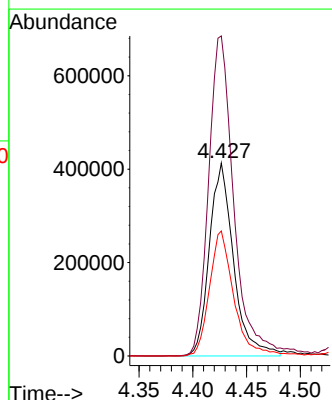
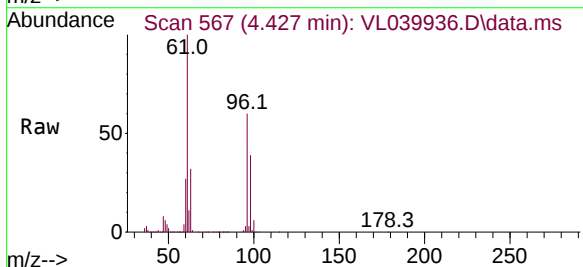
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

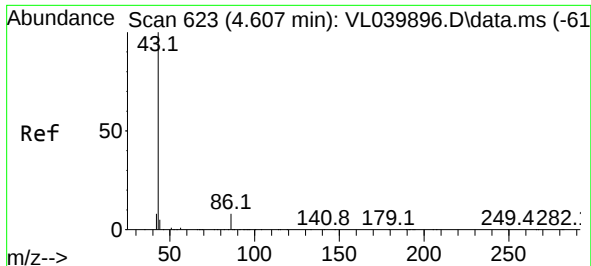
Tgt Ion: 41 Resp: 957980
 Ion Ratio Lower Upper
 41 100
 76 31.8 25.6 38.4
 39 81.0 65.2 97.8



#22
 trans-1,2-Dichloroethene
 Concen: 9.354 ppbv
 RT: 4.427 min Scan# 567
 Delta R.T. 0.016 min
 Lab File: VL039936.D
 Acq: 1 Dec 2022 9:19

Tgt Ion: 96 Resp: 648310
 Ion Ratio Lower Upper
 96 100
 61 165.7 134.1 201.1
 98 64.8 50.4 75.6



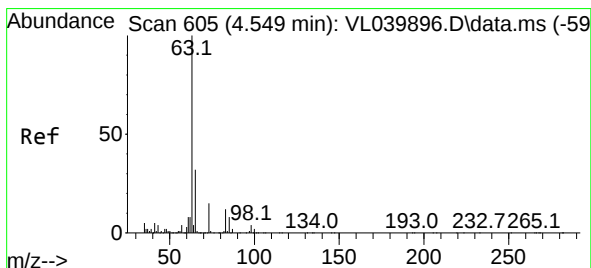
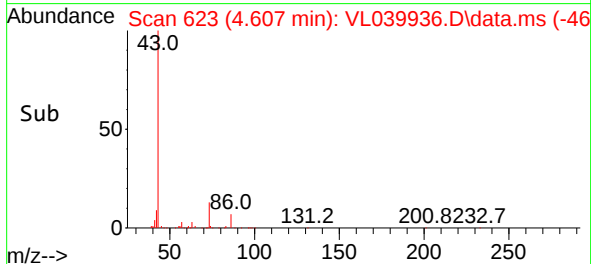
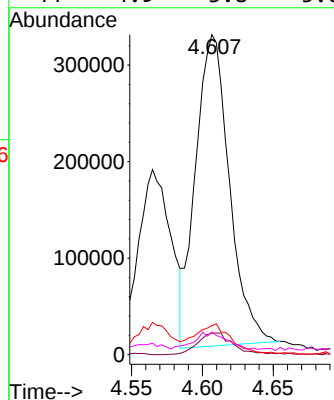
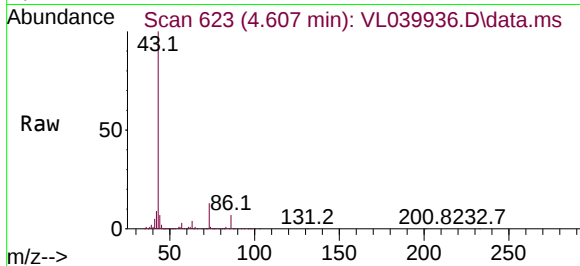


#23
 Vinyl Acetate
 Concen: 8.689 ppbv
 RT: 4.607 min Scan# 61
 Delta R.T. 0.016 min
 Lab File: VL039936.D
 Acq: 1 Dec 2022 9:19

Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDCCC010

Tgt Ion: 43 Resp: 535054

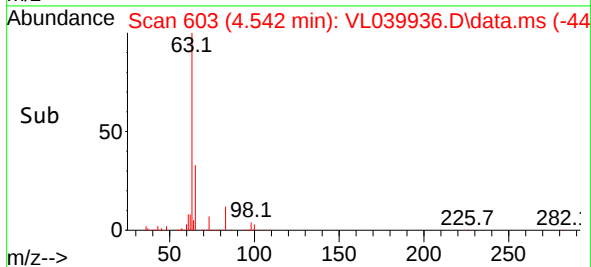
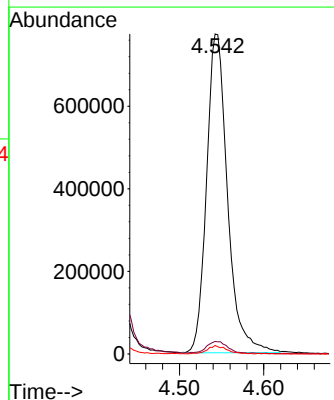
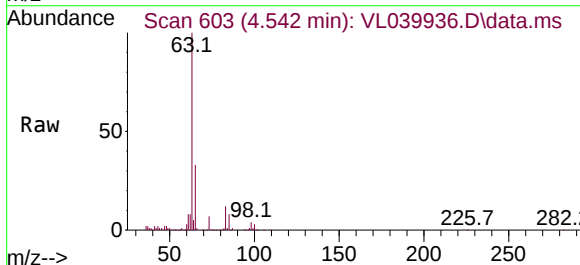
Ion	Ratio	Lower	Upper
43	100		
86	6.6	5.0	7.4
42	9.0	7.6	11.4
44	4.9	3.8	5.6

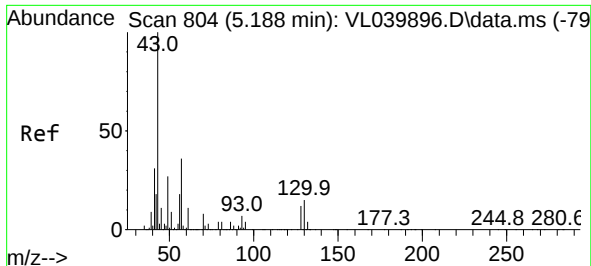


#24
 1,1-Dichloroethane
 Concen: 9.003 ppbv
 RT: 4.542 min Scan# 603
 Delta R.T. 0.013 min
 Lab File: VL039936.D
 Acq: 1 Dec 2022 9:19

Tgt Ion: 63 Resp: 1336613

Ion	Ratio	Lower	Upper
63	100		
98	3.8	2.1	6.5
100	2.6	1.1	3.5



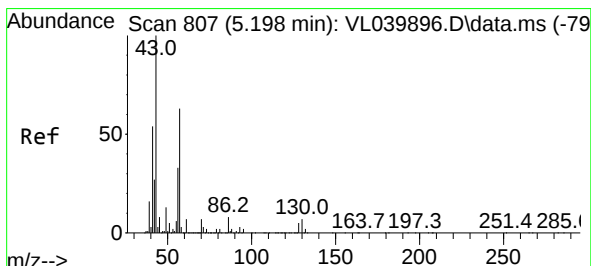
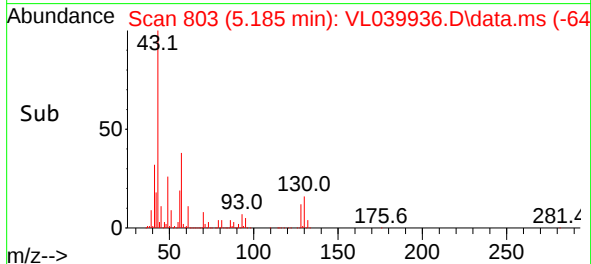
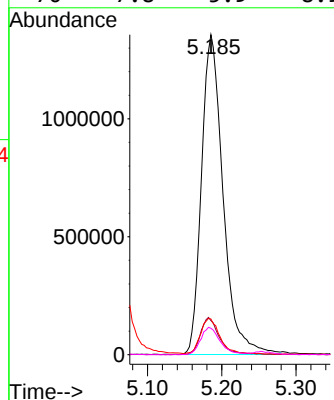
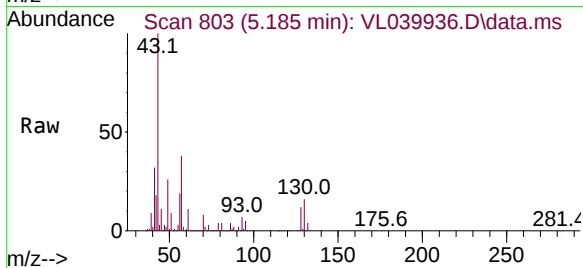


#25
Ethyl Acetate
Concen: 9.959 ppbv
RT: 5.185 min Scan# 804
Delta R.T. 0.016 min
Lab File: VL039936.D
Acq: 1 Dec 2022 9:19

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 43 Resp: 2740706

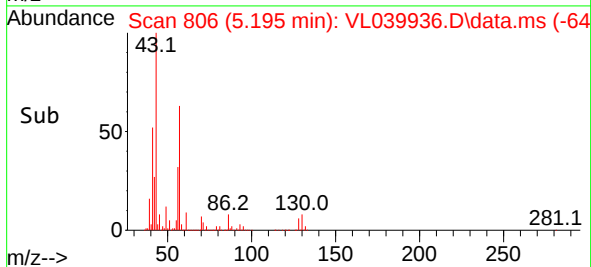
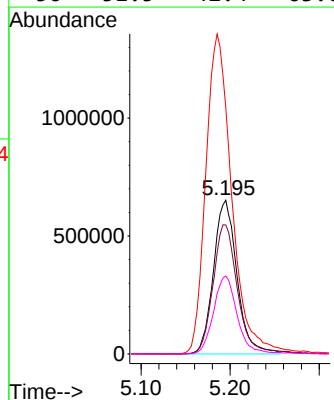
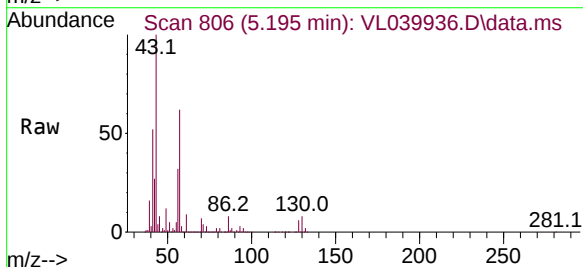
Ion	Ratio	Lower	Upper
43	100		
45	10.4	8.4	12.6
61	10.5	8.5	12.7
70	7.8	5.9	8.9

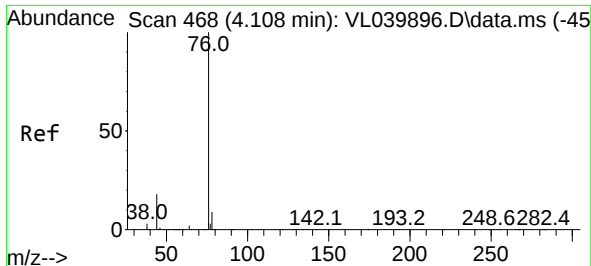


#26
Hexane
Concen: 9.935 ppbv
RT: 5.195 min Scan# 806
Delta R.T. 0.013 min
Lab File: VL039936.D
Acq: 1 Dec 2022 9:19

Tgt Ion: 57 Resp: 1194364

Ion	Ratio	Lower	Upper
57	100		
41	88.8	72.3	108.5
43	231.1	188.7	283.1
56	51.5	42.4	63.6

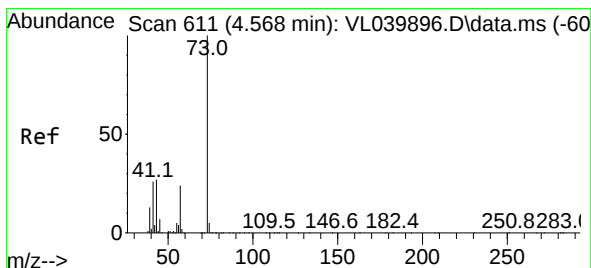
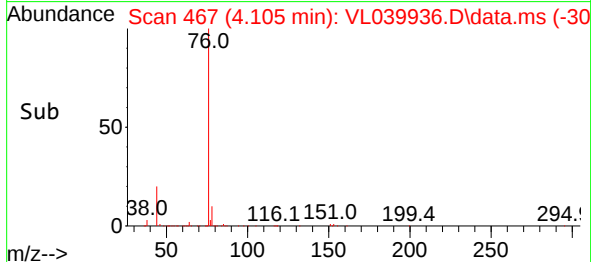
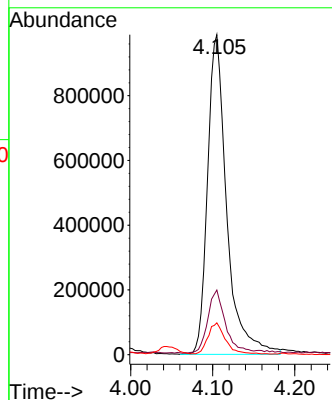
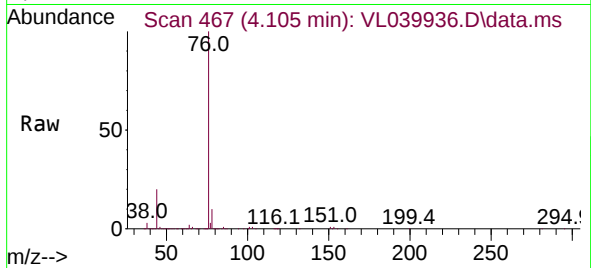




#27
Carbon Disulfide
Concen: 10.552 ppbv
RT: 4.105 min Scan# 41
Delta R.T. 0.016 min
Lab File: VL039936.D
Acq: 1 Dec 2022 9:19

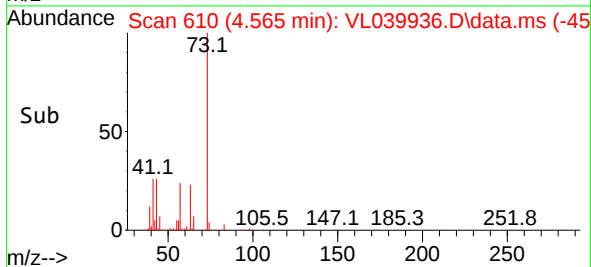
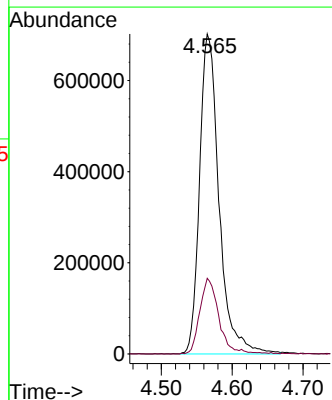
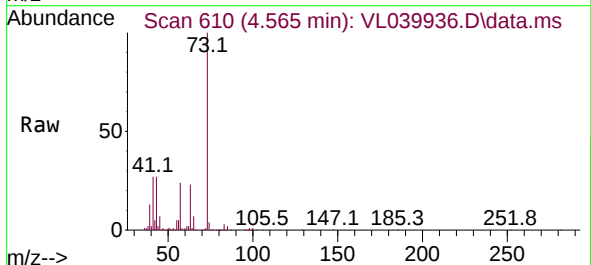
Instrument :
MSVOA_1
ClientSampleId :
VSTDCCC010

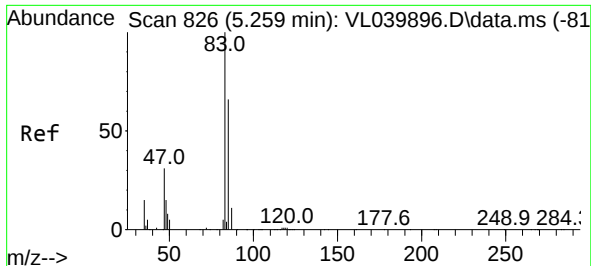
Tgt Ion: 76 Resp: 1601557
Ion Ratio Lower Upper
76 100
44 19.3 14.7 22.1
78 9.5 7.8 11.8



#28
Methyl tert-Butyl Ether
Concen: 8.885 ppbv
RT: 4.565 min Scan# 610
Delta R.T. 0.013 min
Lab File: VL039936.D
Acq: 1 Dec 2022 9:19

Tgt Ion: 73 Resp: 1337287
Ion Ratio Lower Upper
73 100
57 23.4 18.9 28.3





#29

Chloroform

Concen: 11.648 ppbv

RT: 5.256 min Scan# 81

Delta R.T. 0.016 min

Lab File: VL039936.D

Acq: 1 Dec 2022 9:19

Instrument :

MSVOA_L

ClientSampleId :

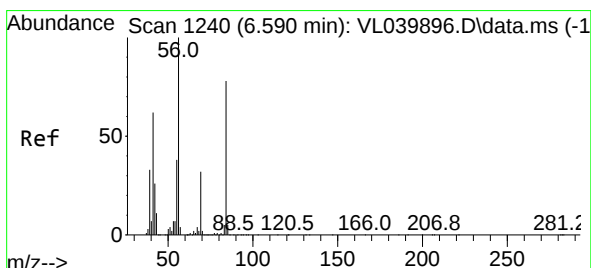
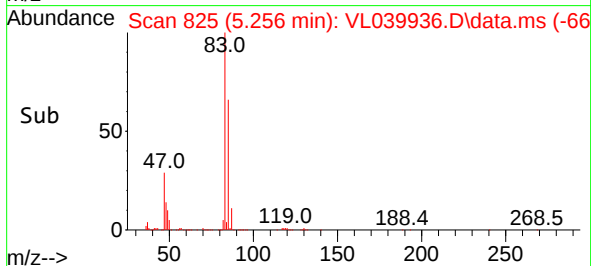
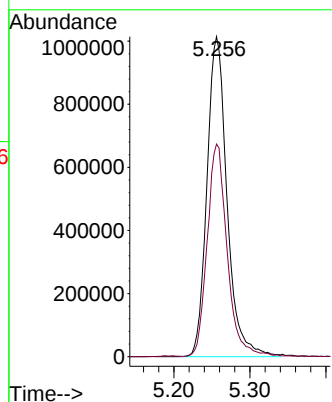
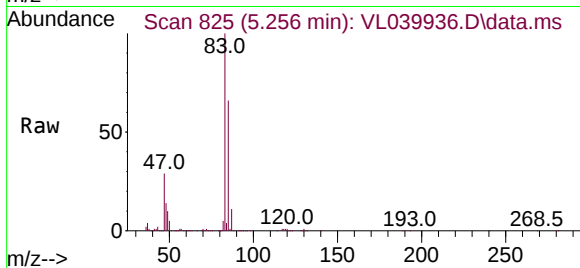
VSTDCCC010

Tgt Ion: 83 Resp: 1860933

Ion Ratio Lower Upper

83 100

85 66.3 52.4 78.6



#30

Cyclohexane

Concen: 8.900 ppbv

RT: 6.584 min Scan# 1238

Delta R.T. 0.016 min

Lab File: VL039936.D

Acq: 1 Dec 2022 9:19

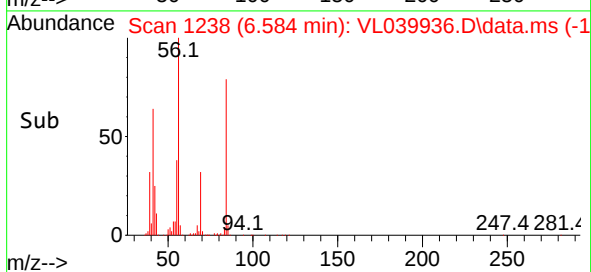
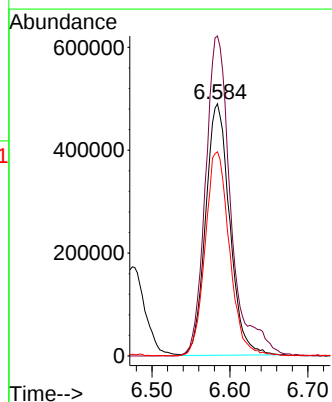
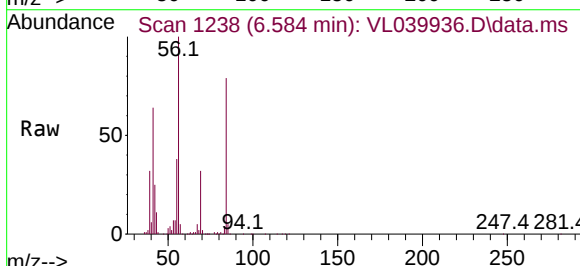
Tgt Ion: 84 Resp: 1049914

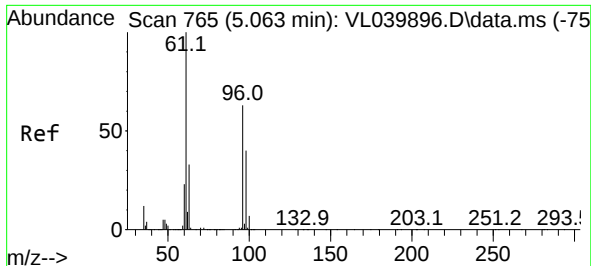
Ion Ratio Lower Upper

84 100

56 134.9 112.5 168.7

41 82.0 67.8 101.8



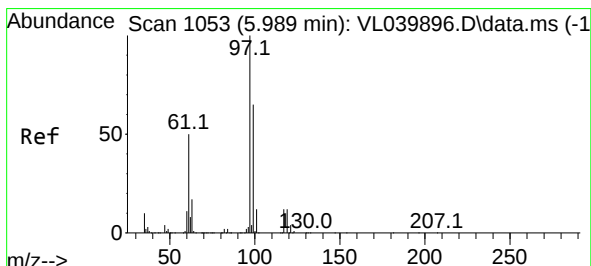
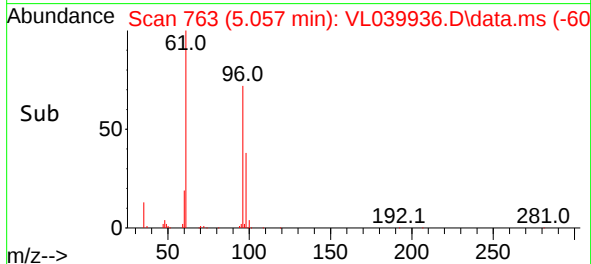
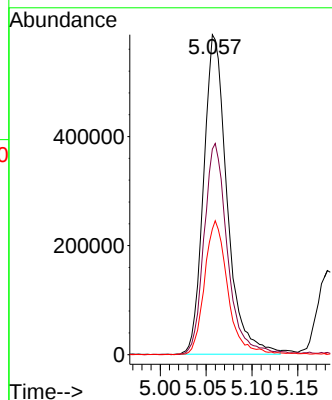
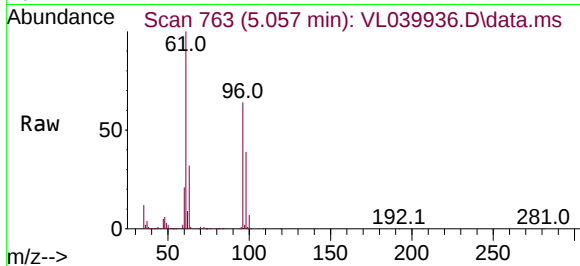


#31
 cis-1,2-Dichloroethene
 Concen: 9.371 ppbv
 RT: 5.057 min Scan# 763
 Delta R.T. 0.013 min
 Lab File: VL039936.D
 Acq: 1 Dec 2022 9:19

Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDCCC010

Tgt Ion: 61 Resp: 1040786

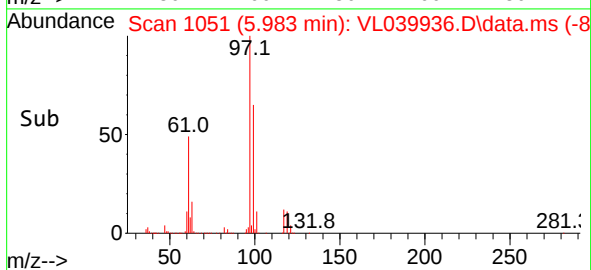
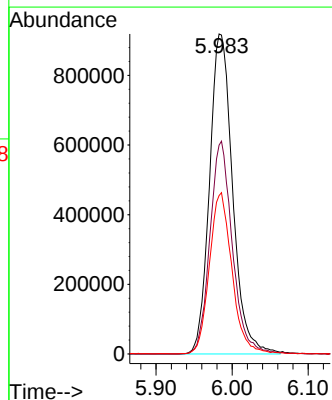
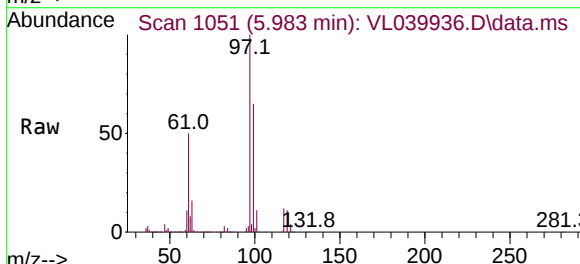
Ion	Ratio	Lower	Upper
61	100		
96	64.3	50.3	75.5
98	39.0	32.2	48.2

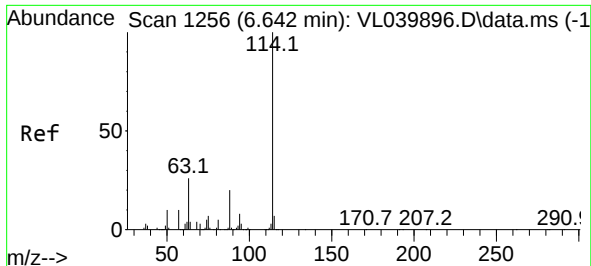


#32
 1,1,1-Trichloroethane
 Concen: 9.724 ppbv
 RT: 5.983 min Scan# 1051
 Delta R.T. 0.016 min
 Lab File: VL039936.D
 Acq: 1 Dec 2022 9:19

Tgt Ion: 97 Resp: 1940162

Ion	Ratio	Lower	Upper
97	100		
99	64.8	51.4	77.0
61	49.4	40.7	61.1





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.635 min Scan# 11

Delta R.T. 0.016 min

Lab File: VL039936.D

Acq: 1 Dec 2022 9:19

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

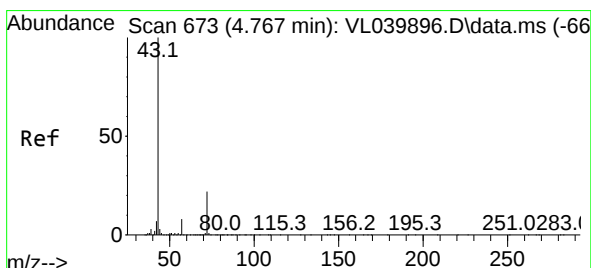
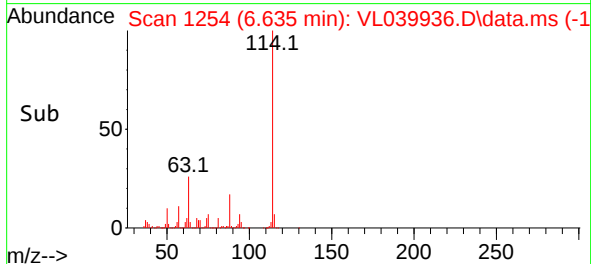
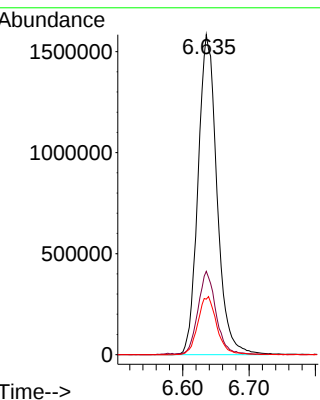
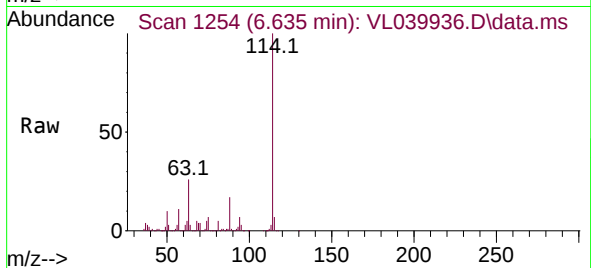
Tgt Ion:114 Resp: 3142459

Ion Ratio Lower Upper

114 100

63 25.3 21.4 32.0

88 18.2 15.3 22.9



#34

2-Butanone

Concen: 10.121 ppbv

RT: 4.767 min Scan# 673

Delta R.T. 0.016 min

Lab File: VL039936.D

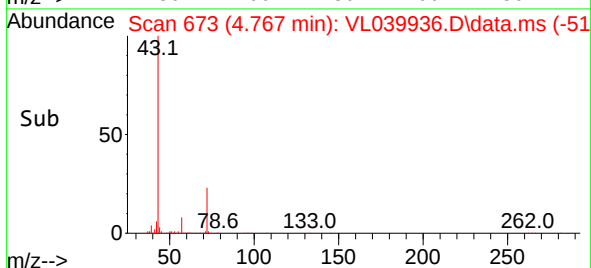
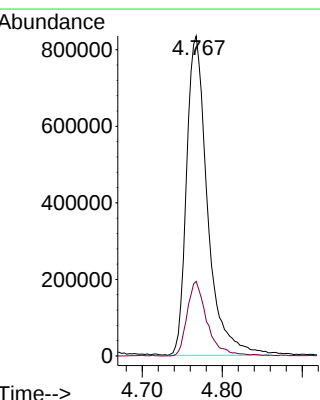
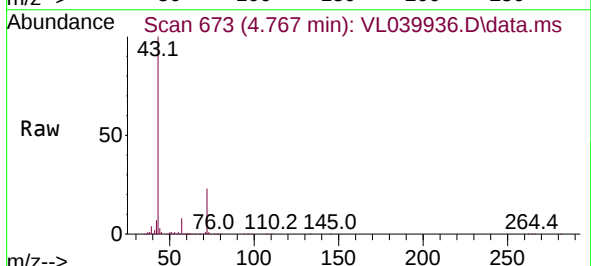
Acq: 1 Dec 2022 9:19

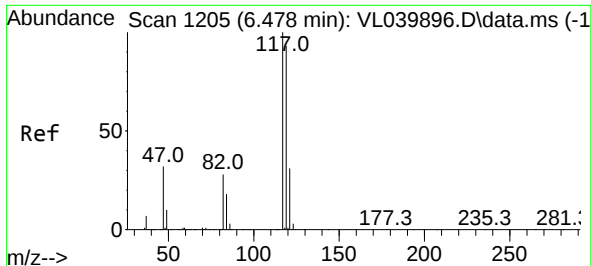
Tgt Ion: 43 Resp: 1521879

Ion Ratio Lower Upper

43 100

72 22.6 17.4 26.2

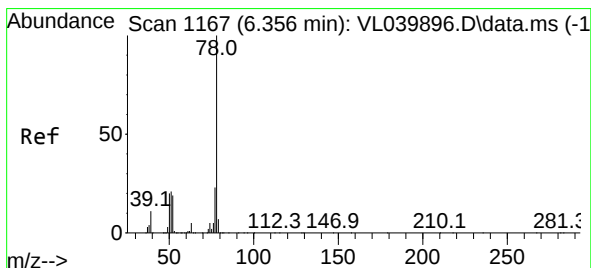
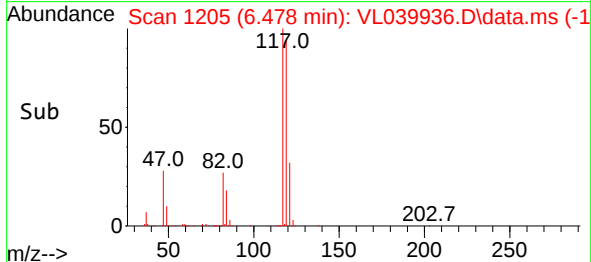
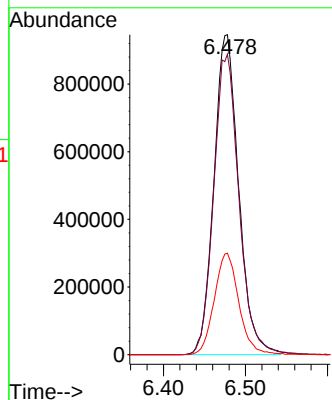
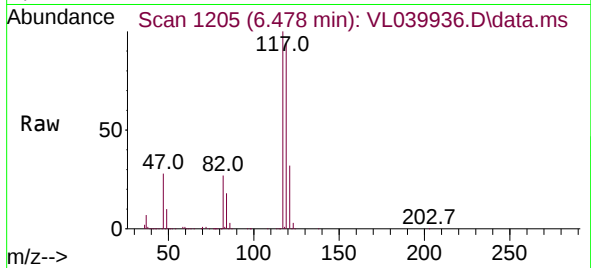




#35
Carbon Tetrachloride
Concen: 11.125 ppbv
RT: 6.478 min Scan# 1166
Delta R.T. 0.016 min
Lab File: VL039936.D
Acq: 1 Dec 2022 9:19

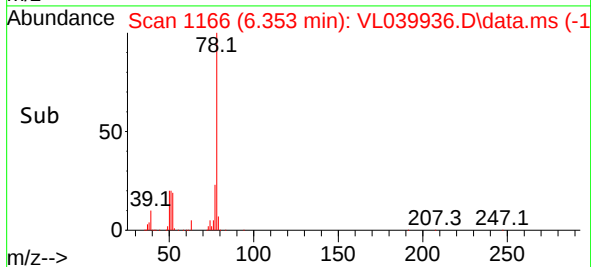
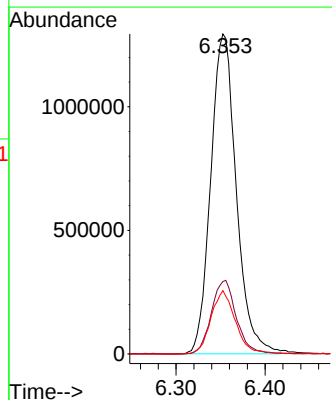
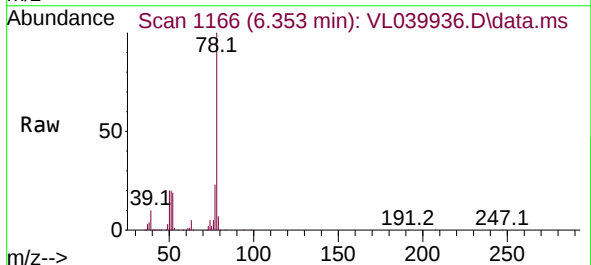
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

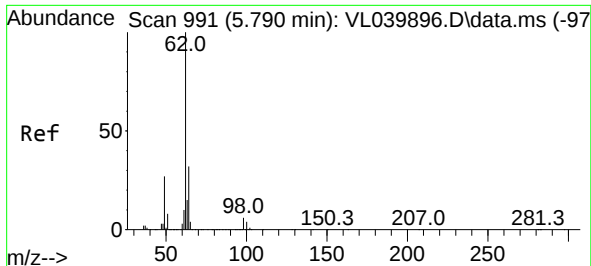
Tgt Ion:117 Resp: 1985468
Ion Ratio Lower Upper
117 100
119 93.9 74.7 112.1
121 31.7 24.5 36.7



#36
Benzene
Concen: 9.662 ppbv
RT: 6.353 min Scan# 1166
Delta R.T. 0.016 min
Lab File: VL039936.D
Acq: 1 Dec 2022 9:19

Tgt Ion: 78 Resp: 2580912
Ion Ratio Lower Upper
78 100
77 22.7 18.2 27.2
50 19.8 15.8 23.8





#37

1,2-Dichloroethane

Concen: 10.008 ppbv

RT: 5.787 min Scan# 991

Delta R.T. 0.013 min

Lab File: VL039936.D

Acq: 1 Dec 2022 9:19

Instrument :

MSVOA_1

ClientSampleId :

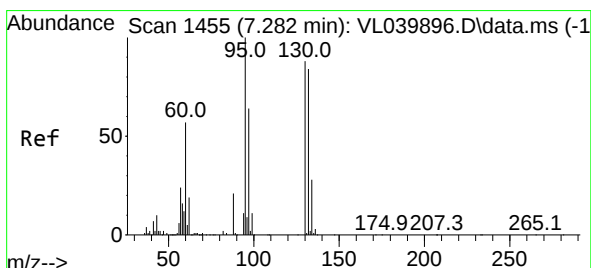
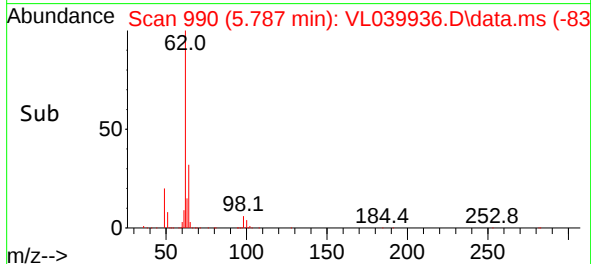
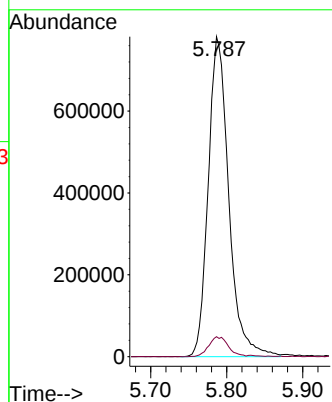
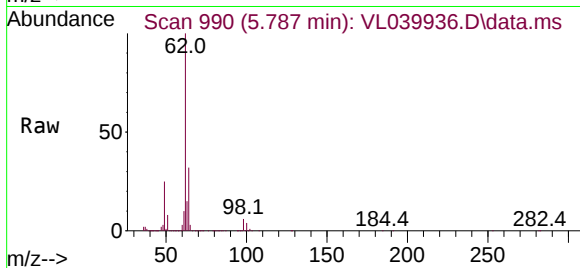
VSTDCCC010

Tgt Ion: 62 Resp: 1464872

Ion Ratio Lower Upper

62 100

98 6.4 5.0 7.6



#38

Trichloroethene

Concen: 9.866 ppbv

RT: 7.275 min Scan# 1453

Delta R.T. 0.016 min

Lab File: VL039936.D

Acq: 1 Dec 2022 9:19

Tgt Ion:130 Resp: 1473187

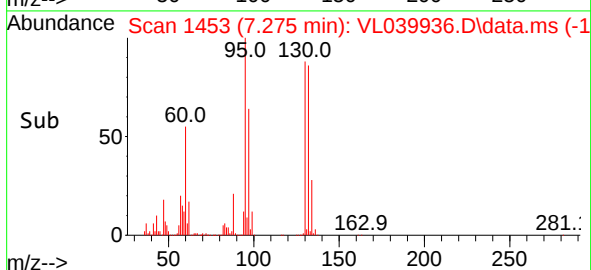
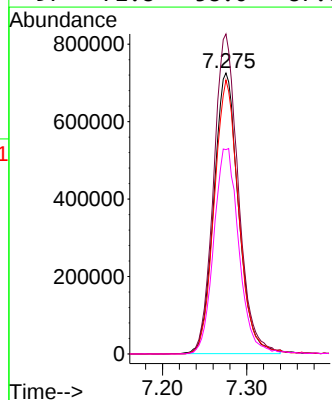
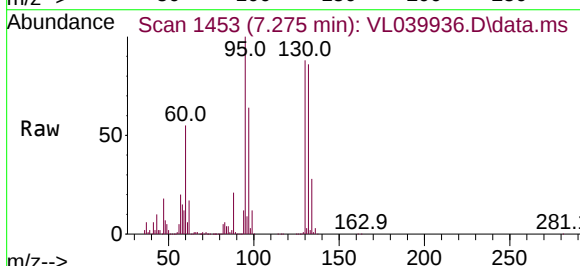
Ion Ratio Lower Upper

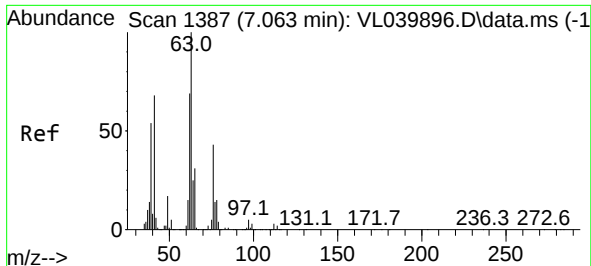
130 100

95 114.0 90.6 135.8

132 97.5 76.2 114.4

97 72.8 58.0 87.0





#39

1,2-Dichloropropane

Concen: 9.462 ppbv

RT: 7.057 min Scan# 11

Delta R.T. 0.016 min

Lab File: VL039936.D

Acq: 1 Dec 2022 9:19

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

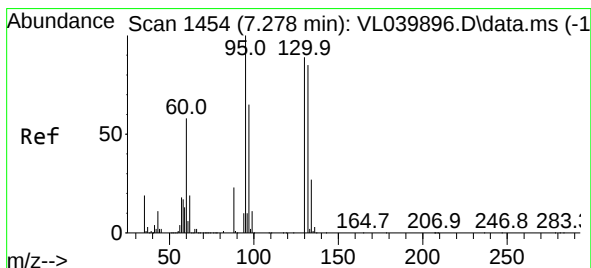
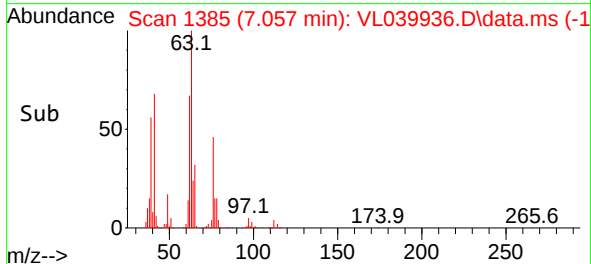
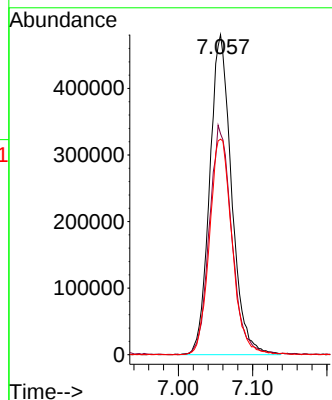
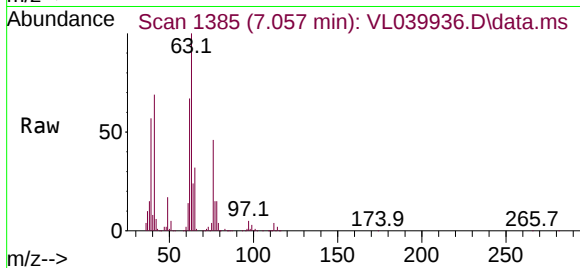
Tgt Ion: 63 Resp: 984676

Ion Ratio Lower Upper

63 100

41 69.0 54.7 82.1

62 67.3 55.0 82.6



#40

1,4-Dioxane

Concen: 10.156 ppbv

RT: 7.272 min Scan# 1452

Delta R.T. 0.016 min

Lab File: VL039936.D

Acq: 1 Dec 2022 9:19

Tgt Ion: 88 Resp: 421027

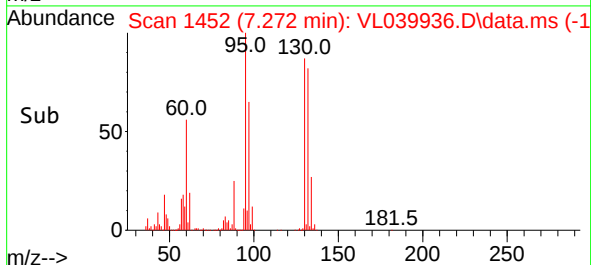
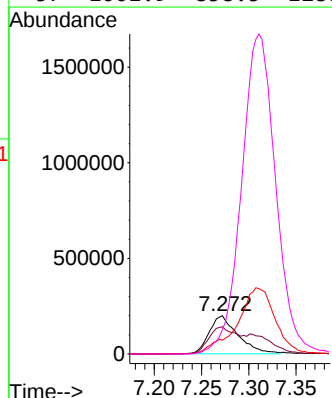
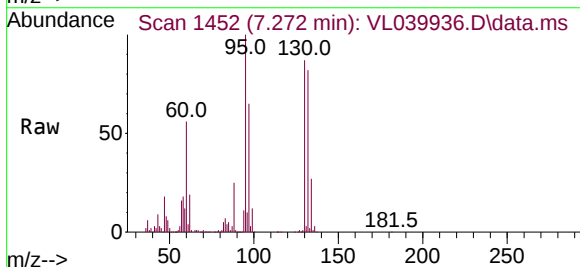
Ion Ratio Lower Upper

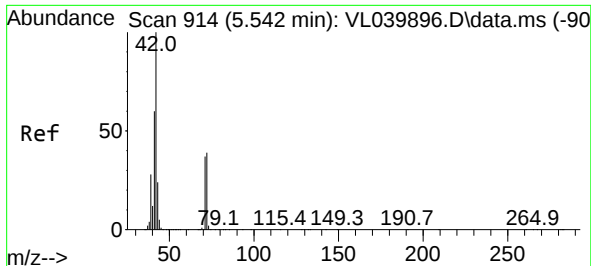
88 100

58 119.1 100.5 150.7

43 230.8 195.8 293.8

57 1001.9 858.5 1287.7





#41

Tetrahydrofuran

Concen: 9.993 ppbv

RT: 5.539 min Scan# 914

Delta R.T. 0.016 min

Lab File: VL039936.D

Acq: 1 Dec 2022 9:19

Instrument :

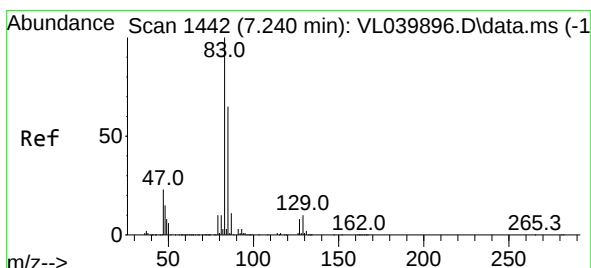
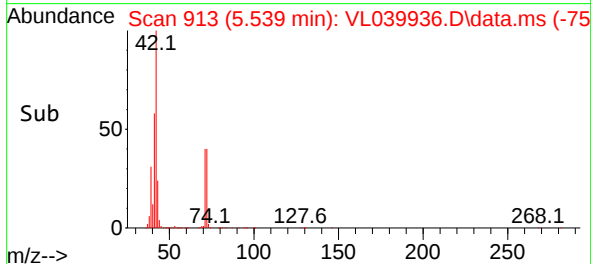
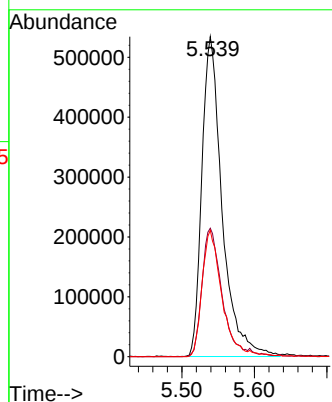
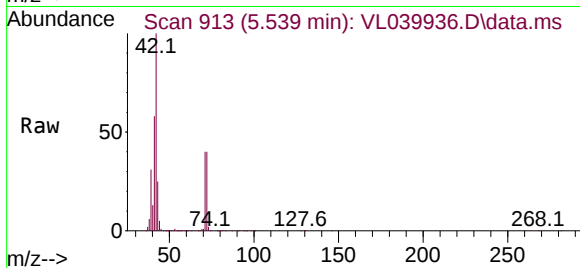
MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 42 Resp: 1037396

Ion	Ratio	Lower	Upper
42	100		
72	40.6	31.6	47.4
71	39.3	31.2	46.8



#42

Bromodichloromethane

Concen: 10.801 ppbv

RT: 7.234 min Scan# 1440

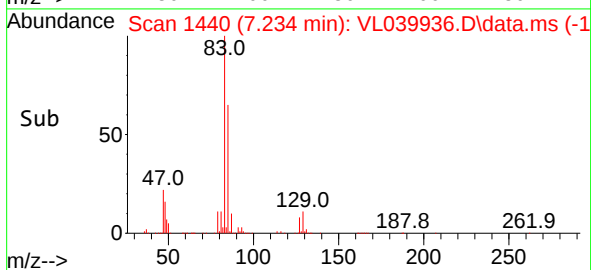
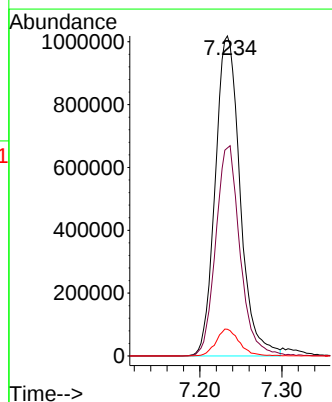
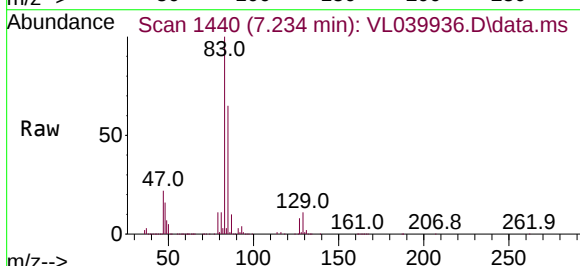
Delta R.T. 0.016 min

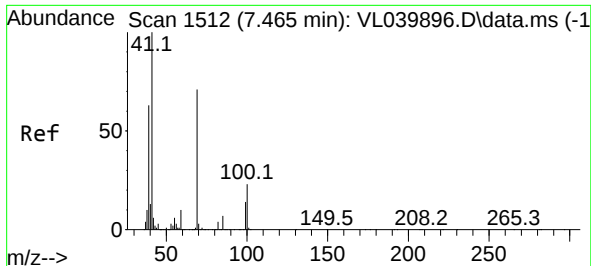
Lab File: VL039936.D

Acq: 1 Dec 2022 9:19

Tgt Ion: 83 Resp: 2144056

Ion	Ratio	Lower	Upper
83	100		
85	65.0	52.0	78.0
127	8.4	6.5	9.7



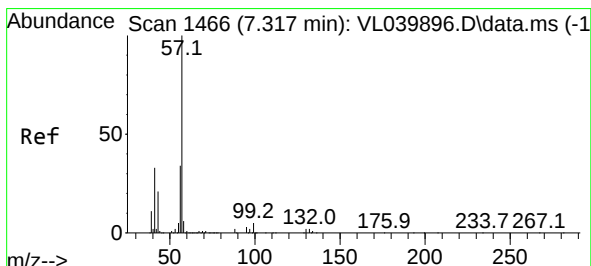
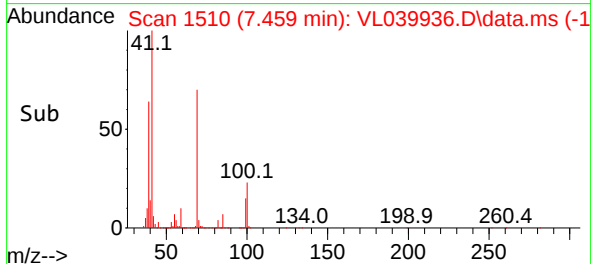
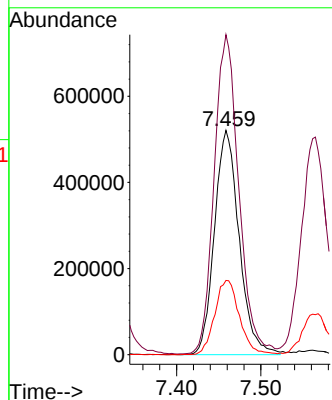
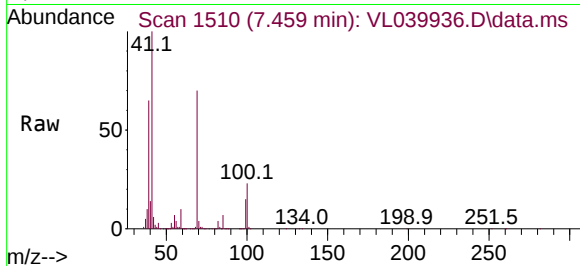


#43
Methyl Methacrylate
Concen: 10.122 ppbv
RT: 7.459 min Scan# 11
Delta R.T. 0.016 min
Lab File: VL039936.D
Acq: 1 Dec 2022 9:19

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 69 Resp: 1059976

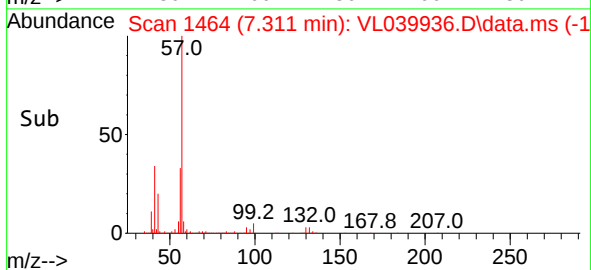
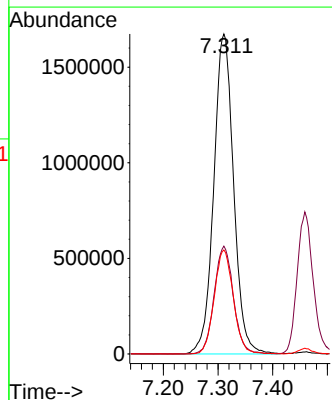
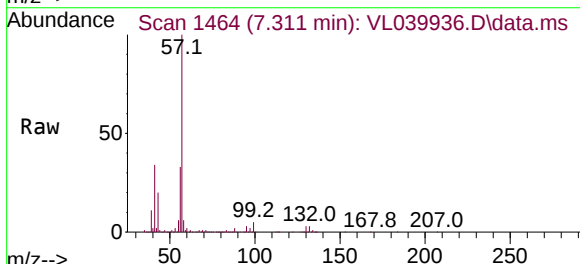
Ion	Ratio	Lower	Upper
69	100		
41	143.0	116.4	174.6
100	33.2	26.8	40.2

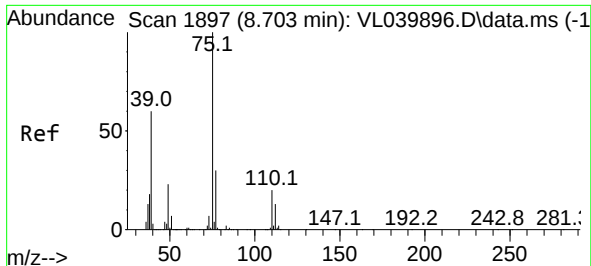


#44
2,2,4-Trimethylpentane
Concen: 9.457 ppbv
RT: 7.311 min Scan# 1464
Delta R.T. 0.016 min
Lab File: VL039936.D
Acq: 1 Dec 2022 9:19

Tgt Ion: 57 Resp: 4217051

Ion	Ratio	Lower	Upper
57	100		
41	32.7	26.2	39.2
56	31.4	25.5	38.3

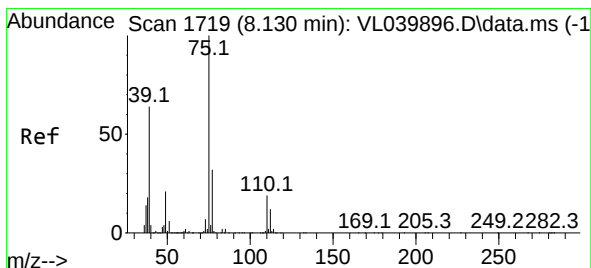
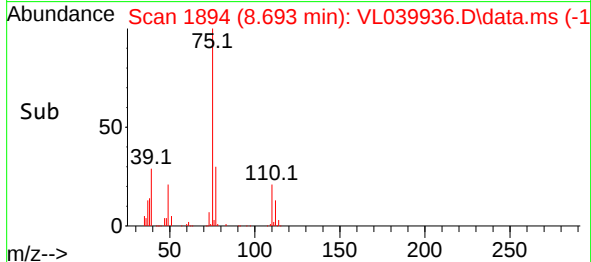
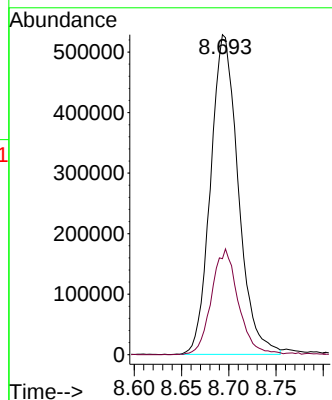
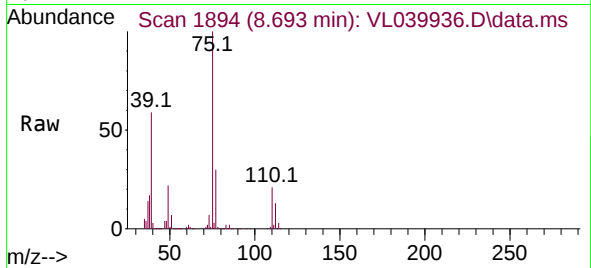




#45
 t-1,3-Dichloropropene
 Concen: 11.134 ppbv
 RT: 8.693 min Scan# 1894
 Delta R.T. 0.016 min
 Lab File: VL039936.D
 Acq: 1 Dec 2022 9:19

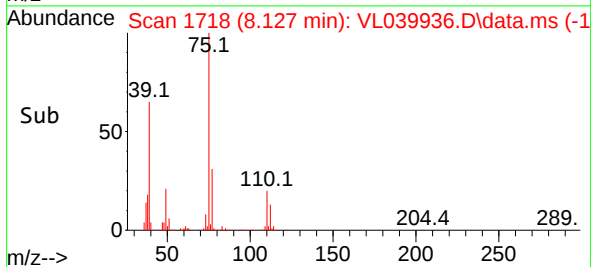
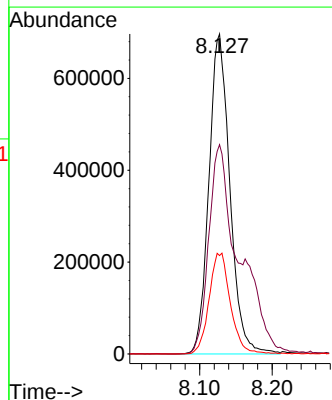
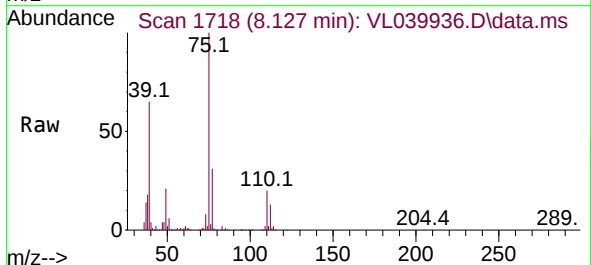
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDCCC010

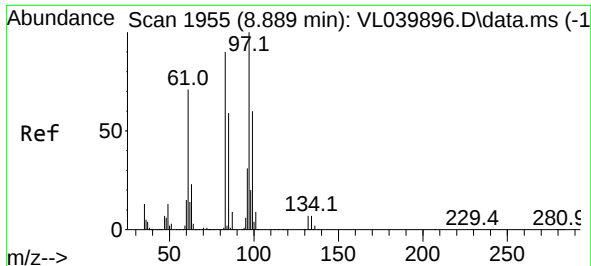
Tgt Ion: 75 Resp: 1077266
 Ion Ratio Lower Upper
 75 100
 77 30.0 24.2 36.4



#46
 cis-1,3-Dichloropropene
 Concen: 10.432 ppbv
 RT: 8.127 min Scan# 1718
 Delta R.T. 0.016 min
 Lab File: VL039936.D
 Acq: 1 Dec 2022 9:19

Tgt Ion: 75 Resp: 1398281
 Ion Ratio Lower Upper
 75 100
 39 65.4 51.0 76.4
 77 30.7 25.4 38.0





#47

1,1,2-Trichloroethane

Concen: 9.942 ppbv

RT: 8.883 min Scan# 1955

Delta R.T. 0.016 min

Lab File: VL039936.D

Acq: 1 Dec 2022 9:19

Instrument :

MSVOA_1

ClientSampleId :

VSTDCCC010

Tgt Ion: 97 Resp: 1063299

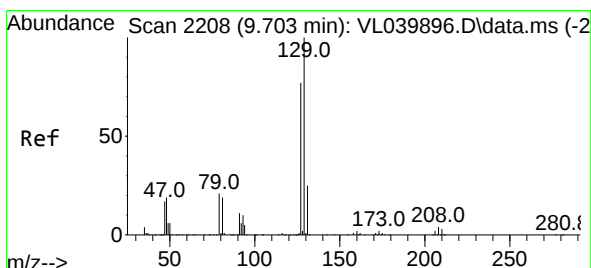
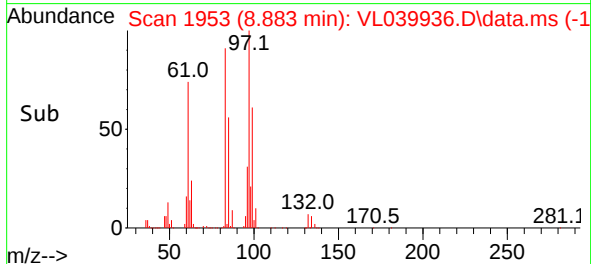
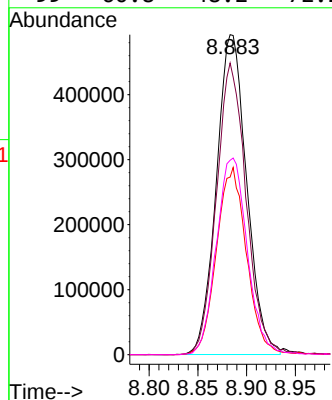
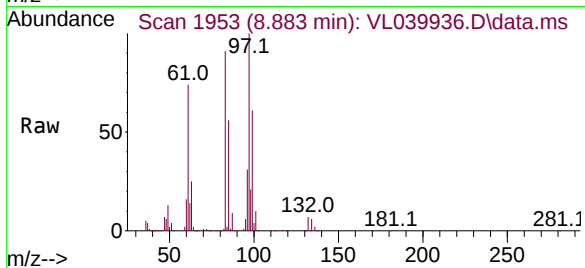
Ion Ratio Lower Upper

97 100

83 91.1 72.1 108.1

85 55.5 47.2 70.8

99 60.8 48.2 72.2



#48

Dibromochloromethane

Concen: 11.712 ppbv

RT: 9.696 min Scan# 2206

Delta R.T. 0.016 min

Lab File: VL039936.D

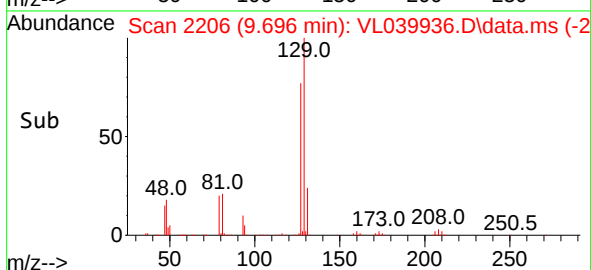
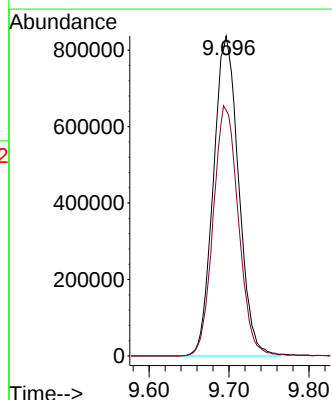
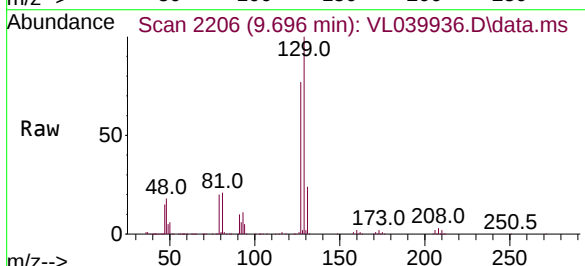
Acq: 1 Dec 2022 9:19

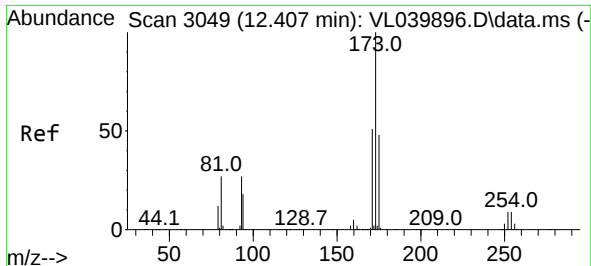
Tgt Ion: 129 Resp: 1834699

Ion Ratio Lower Upper

129 100

127 78.5 39.1 117.3

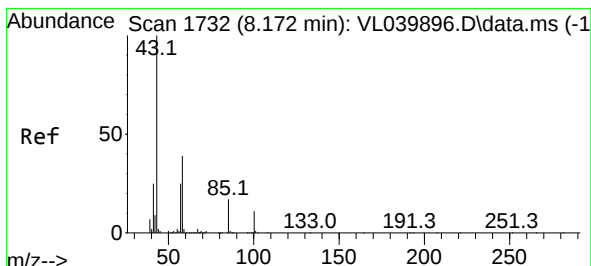
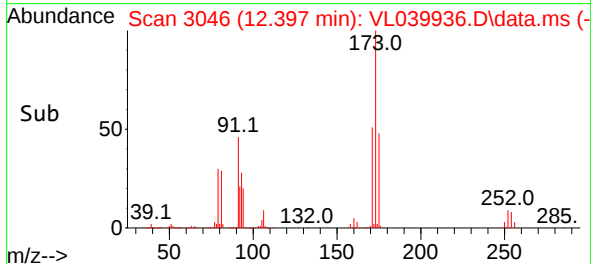
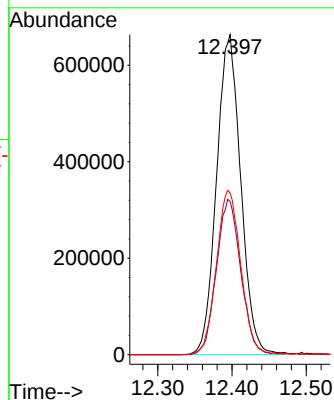
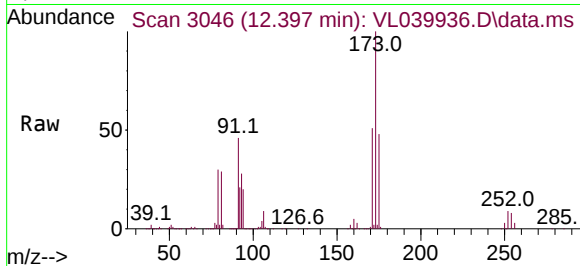




#49
Bromoform
Concen: 11.855 ppbv
RT: 12.397 min Scan# 3049
Delta R.T. 0.013 min
Lab File: VL039936.D
Acq: 1 Dec 2022 9:19

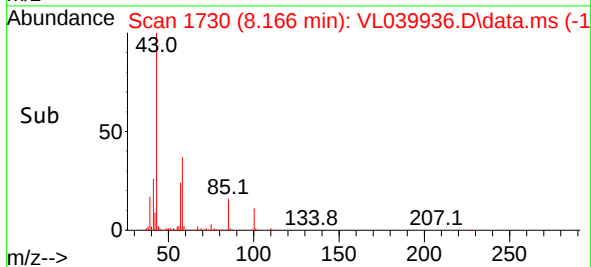
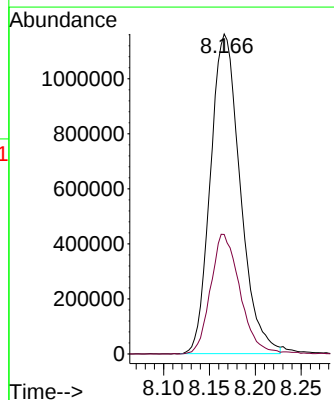
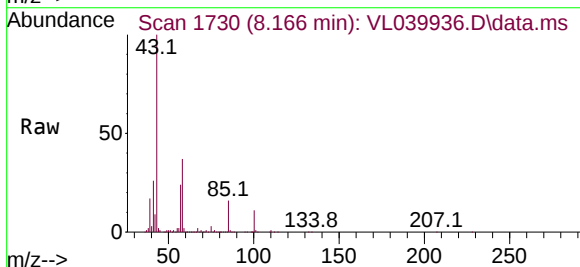
Instrument :
MSVOA_1
ClientSampleId :
VSTDCCC010

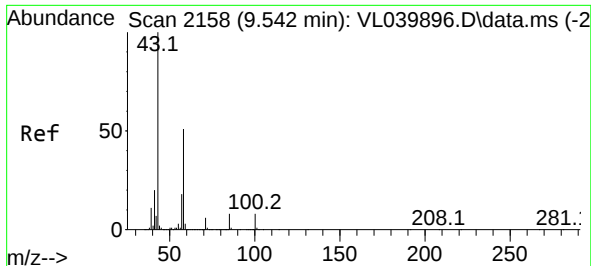
Tgt Ion:173 Resp: 1503263
Ion Ratio Lower Upper
173 100
175 49.1 39.1 58.7
171 52.0 41.8 62.8



#50
4-Methyl-2-Pentanone
Concen: 9.746 ppbv
RT: 8.166 min Scan# 1730
Delta R.T. 0.016 min
Lab File: VL039936.D
Acq: 1 Dec 2022 9:19

Tgt Ion: 43 Resp: 2624553
Ion Ratio Lower Upper
43 100
58 37.2 29.8 44.6

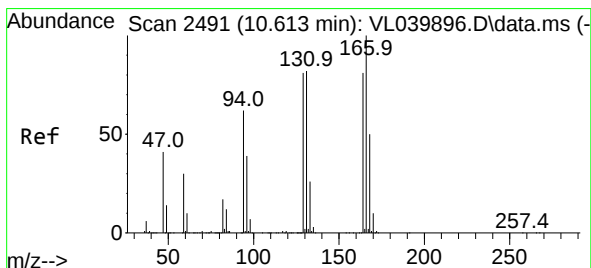
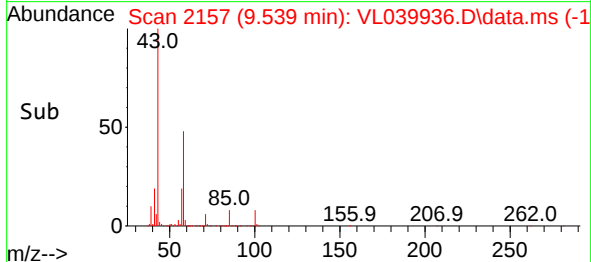
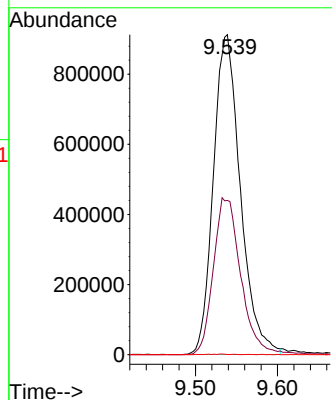
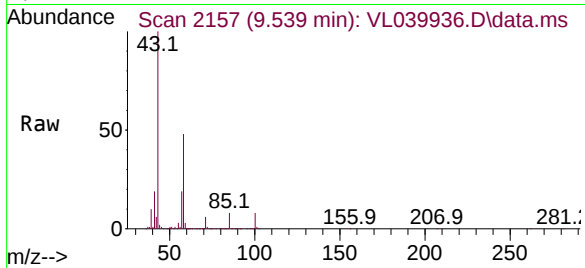




#51
2-Hexanone
Concen: 9.998 ppbv
RT: 9.539 min Scan# 2158
Delta R.T. 0.013 min
Lab File: VL039936.D
Acq: 1 Dec 2022 9:19

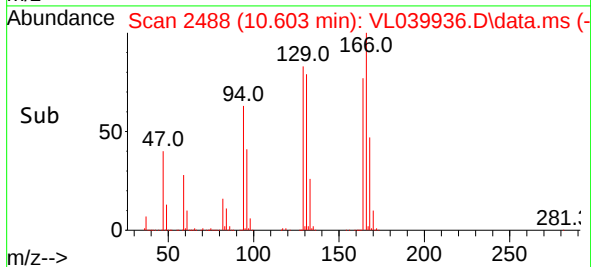
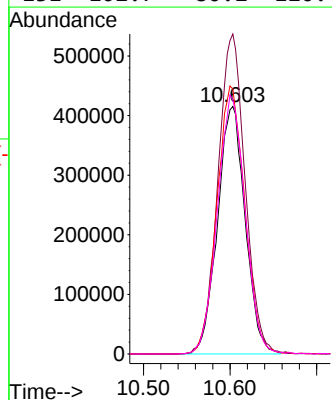
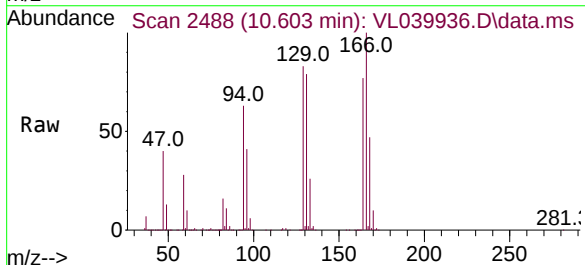
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

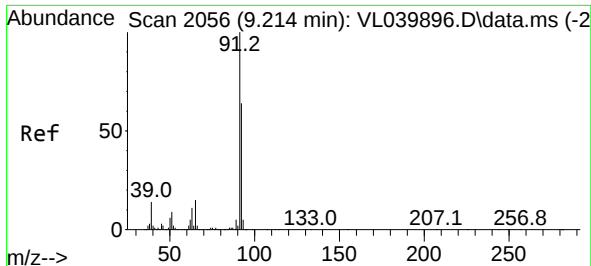
Tgt Ion: 43 Resp: 2090106
Ion Ratio Lower Upper
43 100
58 50.1 40.2 60.4
98 0.2 0.1 0.1#



#52
Tetrachloroethene
Concen: 9.205 ppbv
RT: 10.603 min Scan# 2488
Delta R.T. 0.016 min
Lab File: VL039936.D
Acq: 1 Dec 2022 9:19

Tgt Ion: 164 Resp: 919795
Ion Ratio Lower Upper
164 100
166 129.2 98.3 147.5
129 106.9 79.7 119.5
131 102.7 80.2 120.4

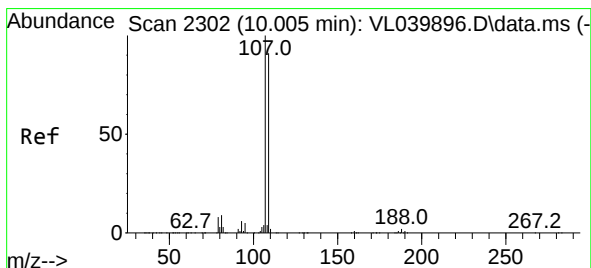
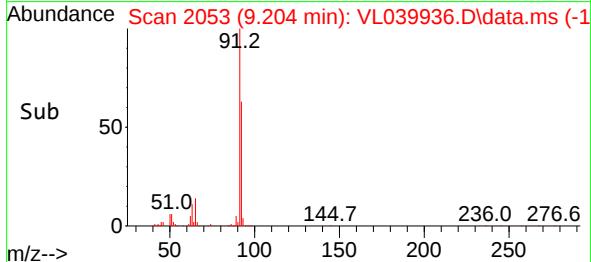
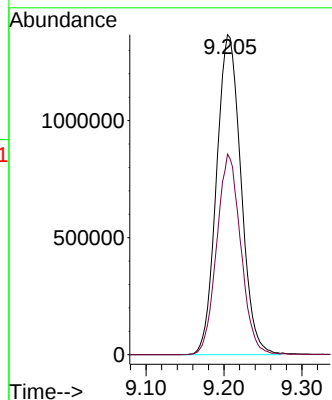
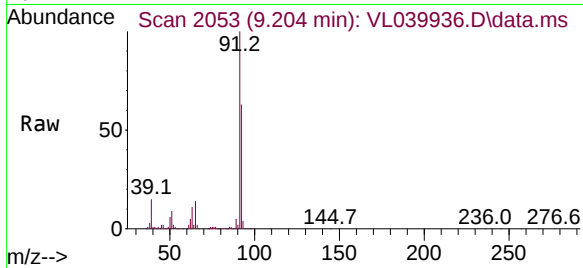




#53
Toluene
Concen: 9.812 ppbv
RT: 9.204 min Scan# 2056
Delta R.T. 0.013 min
Lab File: VL039936.D
Acq: 1 Dec 2022 9:19

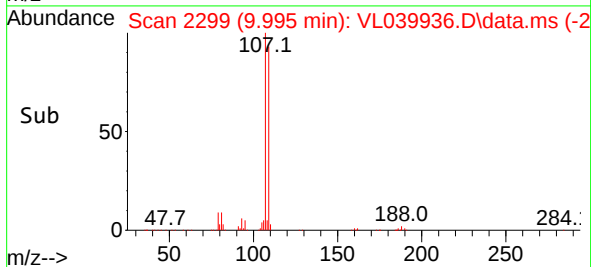
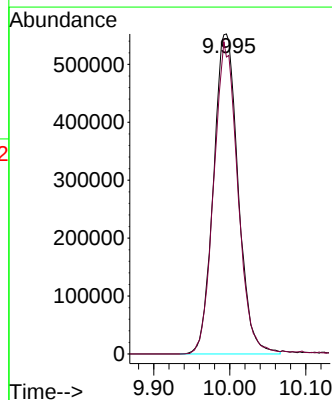
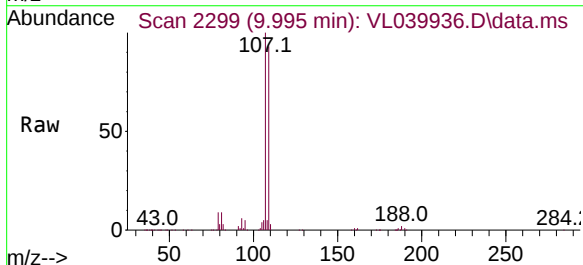
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

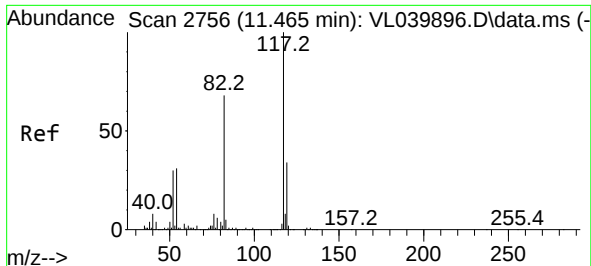
Tgt Ion: 91 Resp: 2985634
Ion Ratio Lower Upper
91 100
92 61.9 49.8 74.6



#54
1,2-Dibromoethane
Concen: 10.887 ppbv
RT: 9.995 min Scan# 2299
Delta R.T. 0.016 min
Lab File: VL039936.D
Acq: 1 Dec 2022 9:19

Tgt Ion: 107 Resp: 1242585
Ion Ratio Lower Upper
107 100
109 92.8 72.8 109.2

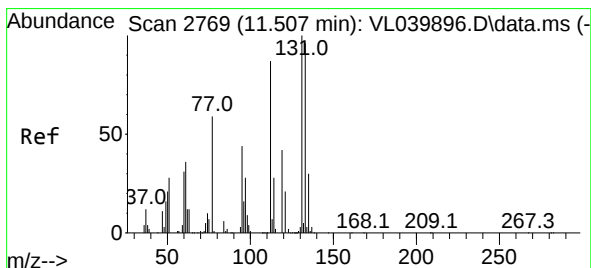
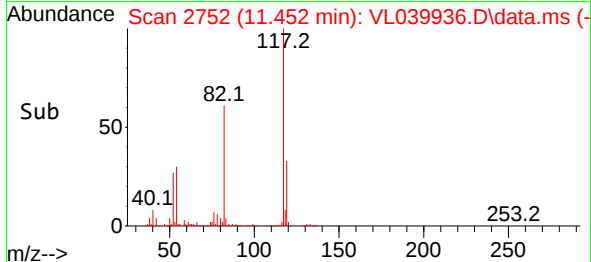
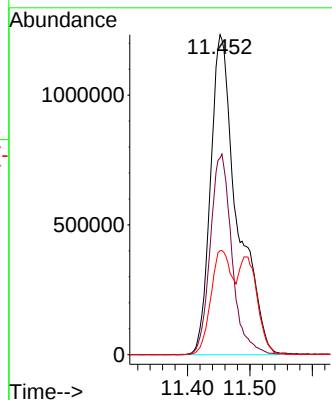
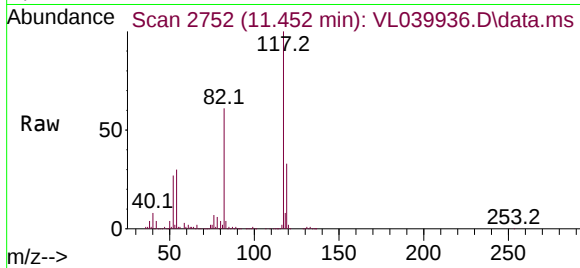




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.452 min Scan# 21
Delta R.T. 0.013 min
Lab File: VL039936.D
Acq: 1 Dec 2022 9:19

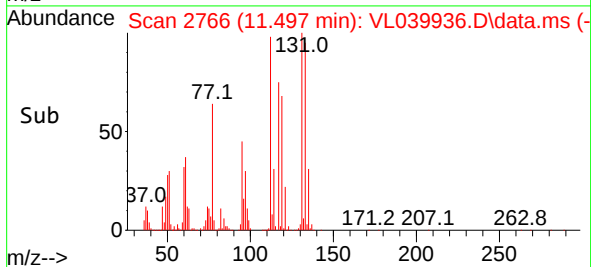
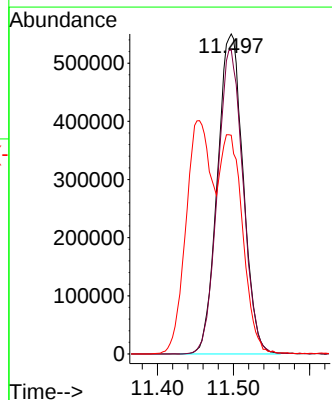
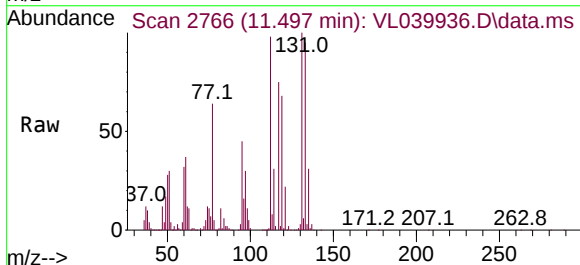
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

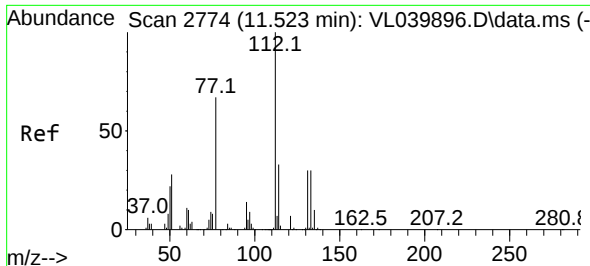
Tgt Ion:117 Resp: 3671831
Ion Ratio Lower Upper
117 100
82 51.1 52.3 78.5#
119 26.6 25.7 38.5



#56
1,1,1,2-Tetrachloroethane
Concen: 8.595 ppbv
RT: 11.497 min Scan# 2766
Delta R.T. 0.016 min
Lab File: VL039936.D
Acq: 1 Dec 2022 9:19

Tgt Ion:131 Resp: 1290120
Ion Ratio Lower Upper
131 100
133 94.9 76.7 115.1
119 65.0 46.6 69.8

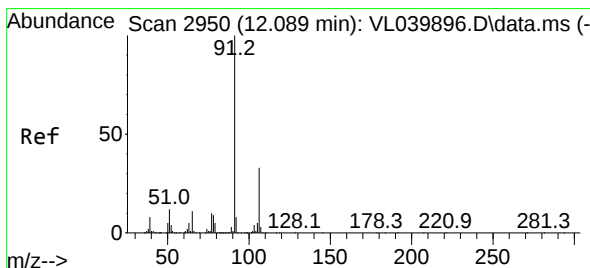
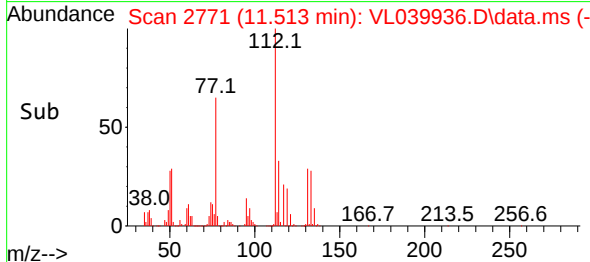
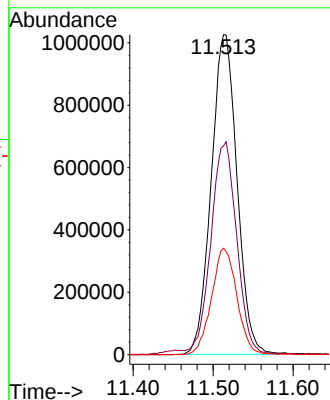
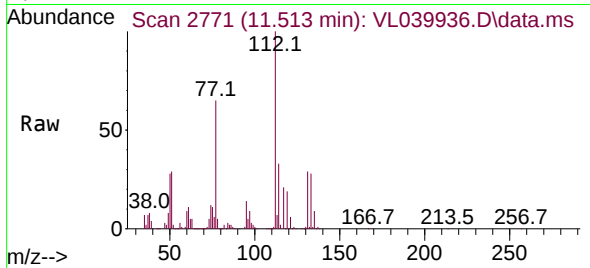




#57
Chlorobenzene
Concen: 8.190 ppbv
RT: 11.513 min Scan# 211
Delta R.T. 0.013 min
Lab File: VL039936.D
Acq: 1 Dec 2022 9:19

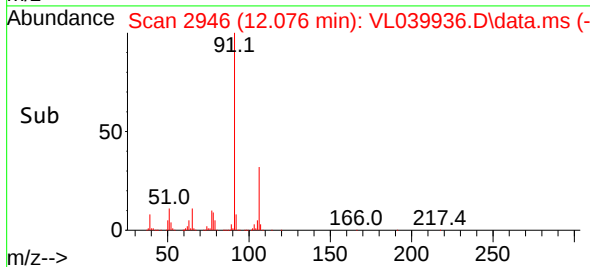
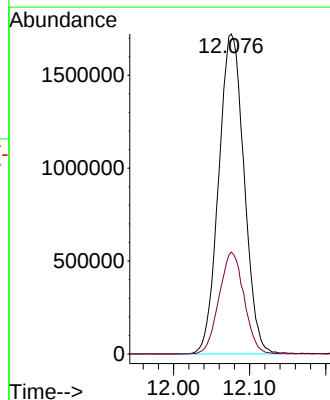
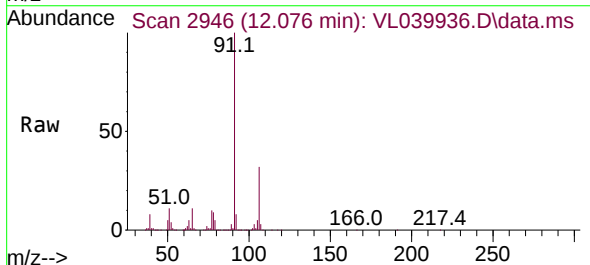
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

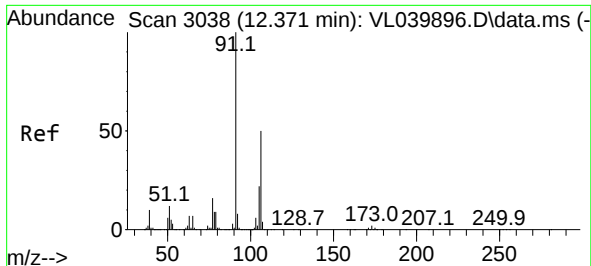
Tgt Ion:112 Resp: 2299315
Ion Ratio Lower Upper
112 100
77 65.0 54.6 81.8
114 33.3 30.1 36.7



#58
Ethyl Benzene
Concen: 8.019 ppbv
RT: 12.076 min Scan# 2946
Delta R.T. 0.013 min
Lab File: VL039936.D
Acq: 1 Dec 2022 9:19

Tgt Ion: 91 Resp: 3994564
Ion Ratio Lower Upper
91 100
106 31.8 26.1 39.1





#59

m/p-Xylene

Concen: 7.131 ppbv

RT: 12.359 min Scan# 3034

Delta R.T. 0.013 min

Lab File: VL039936.D

Acq: 1 Dec 2022 9:19

Instrument :

MSVOA_1

ClientSampleId :

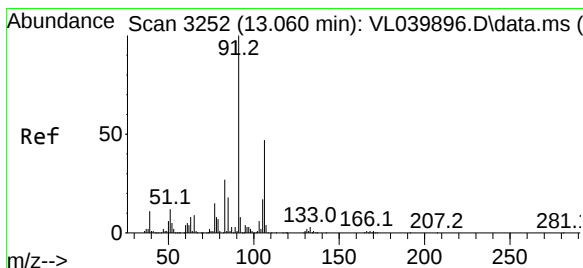
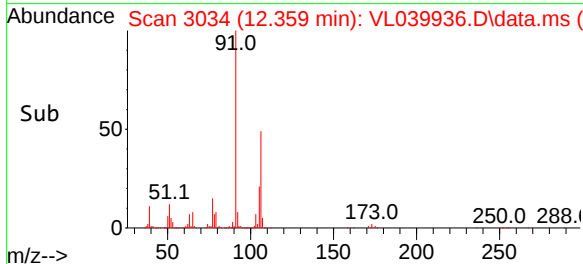
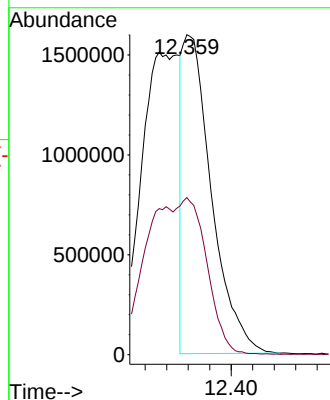
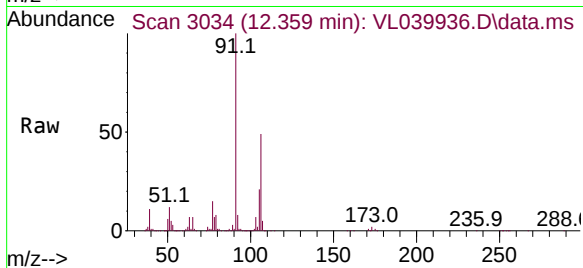
VSTDCCC010

Tgt Ion: 91 Resp: 2972948

Ion Ratio Lower Upper

91 100

106 103.1 37.0 55.6#



#60

o-Xylene

Concen: 8.026 ppbv

RT: 13.047 min Scan# 3248

Delta R.T. 0.010 min

Lab File: VL039936.D

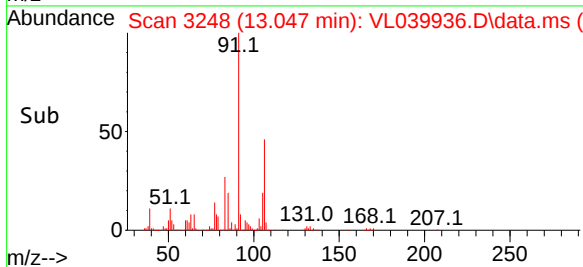
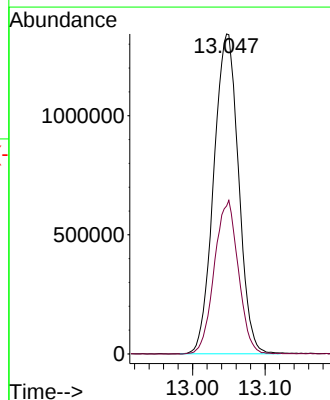
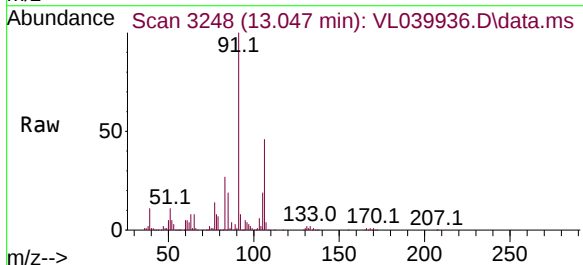
Acq: 1 Dec 2022 9:19

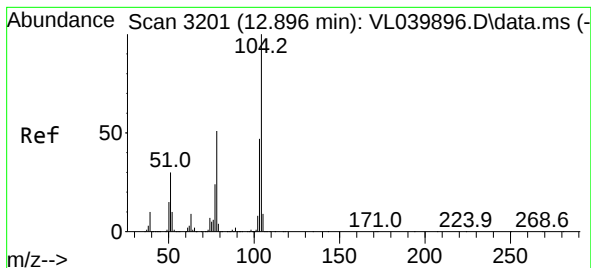
Tgt Ion: 91 Resp: 3191021

Ion Ratio Lower Upper

91 100

106 46.4 23.2 69.6





#61

Styrene

Concen: 8.454 ppbv

RT: 12.889 min Scan# 3199

Delta R.T. 0.013 min

Lab File: VL039936.D

Acq: 1 Dec 2022 9:19

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

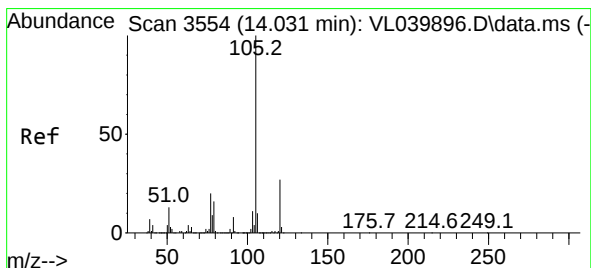
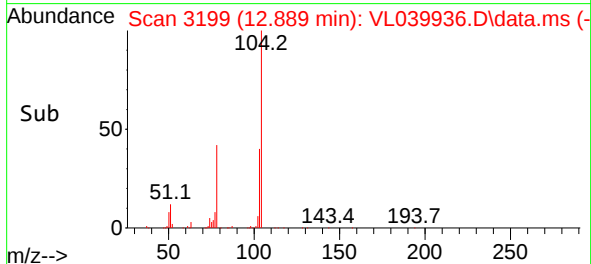
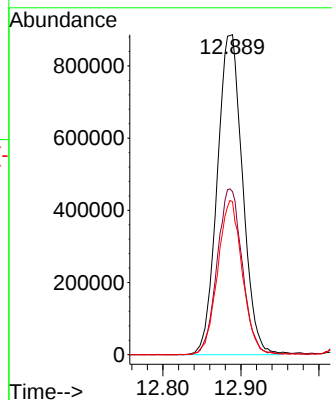
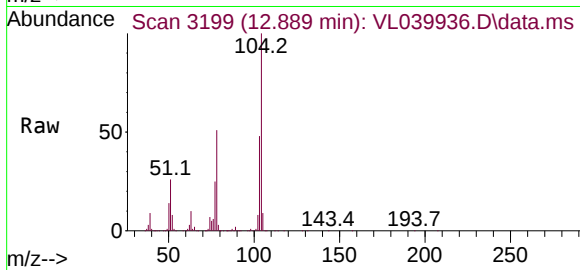
Tgt Ion:104 Resp: 2006519

Ion Ratio Lower Upper

104 100

78 51.5 41.8 62.8

103 46.9 37.2 55.8



#62

Isopropylbenzene

Concen: 8.072 ppbv

RT: 14.018 min Scan# 3550

Delta R.T. 0.010 min

Lab File: VL039936.D

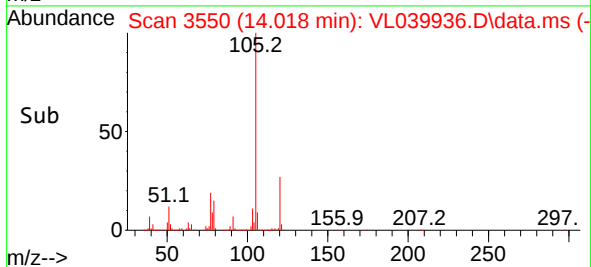
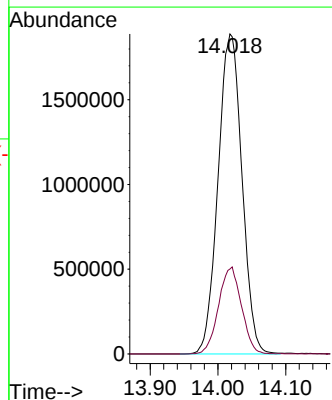
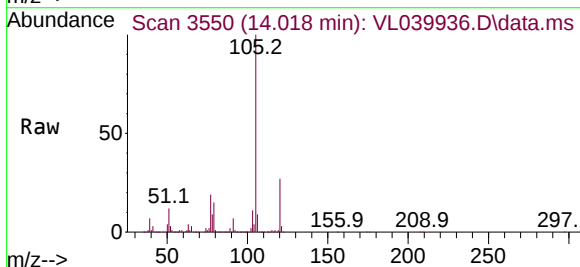
Acq: 1 Dec 2022 9:19

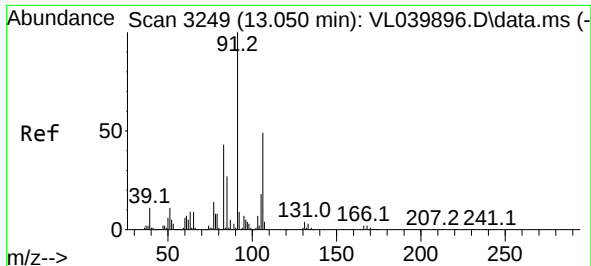
Tgt Ion:105 Resp: 4628006

Ion Ratio Lower Upper

105 100

120 26.1 21.4 32.2

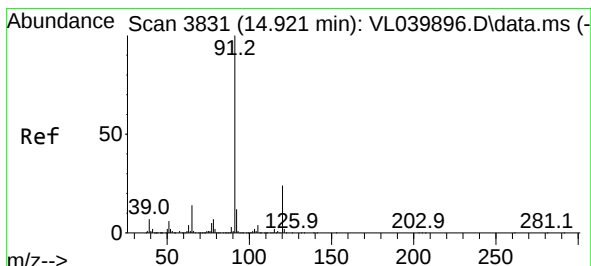
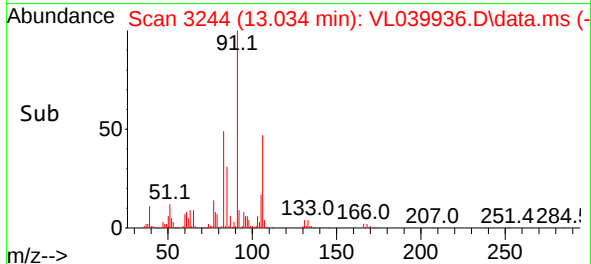
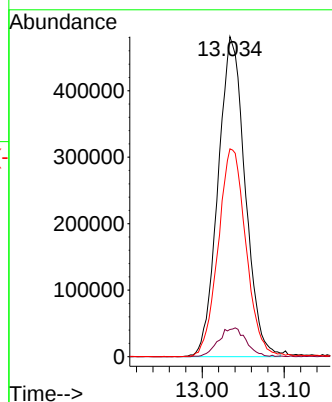
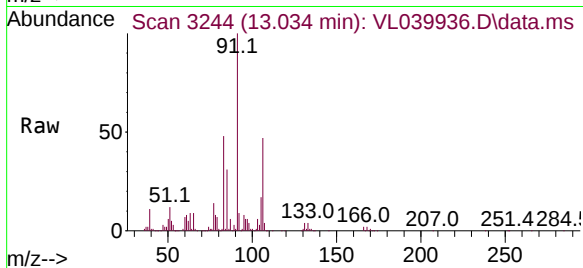




#63
1,1,2,2-Tetrachloroethane
Concen: 8.325 ppbv
RT: 13.034 min Scan# 31
Delta R.T. 0.006 min
Lab File: VL039936.D
Acq: 1 Dec 2022 9:19

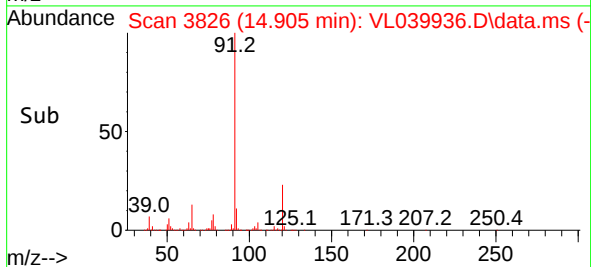
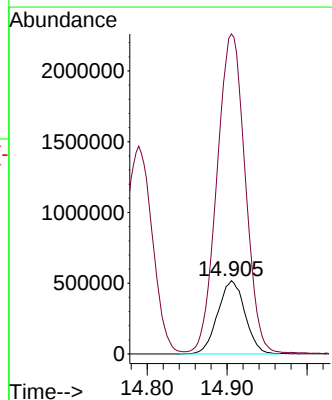
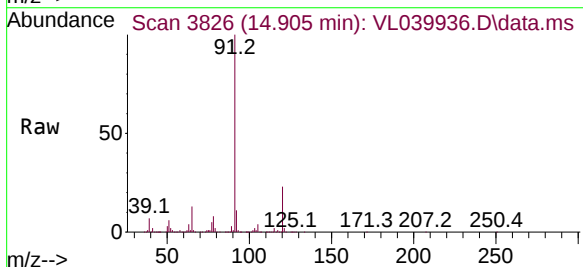
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

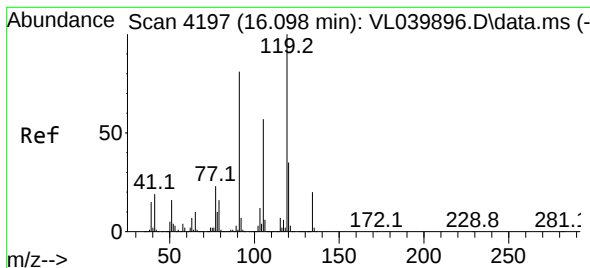
Tgt Ion: 83 Resp: 1105229
Ion Ratio Lower Upper
83 100
131 9.2 4.6 13.8
85 66.7 33.0 99.0



#64
n-propylbenzene
Concen: 8.151 ppbv
RT: 14.905 min Scan# 3826
Delta R.T. 0.010 min
Lab File: VL039936.D
Acq: 1 Dec 2022 9:19

Tgt Ion:120 Resp: 1222617
Ion Ratio Lower Upper
120 100
91 455.9 353.7 530.5

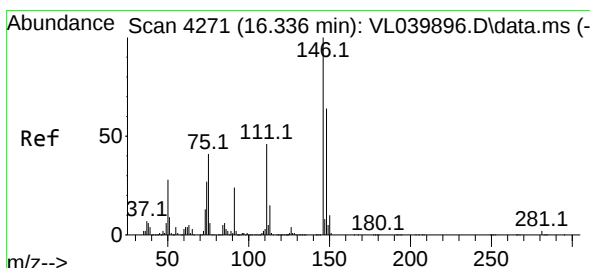
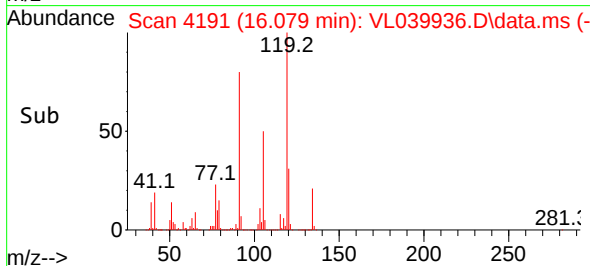
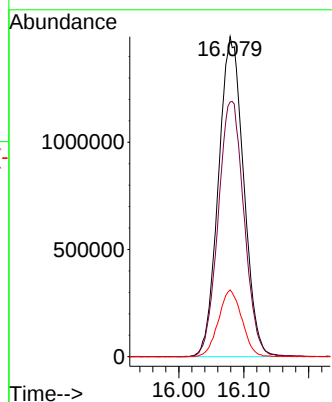
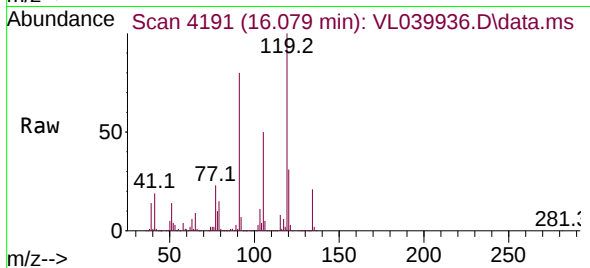




#65
tert-Butylbenzene
Concen: 8.006 ppbv
RT: 16.079 min Scan# 4197
Delta R.T. 0.006 min
Lab File: VL039936.D
Acq: 1 Dec 2022 9:19

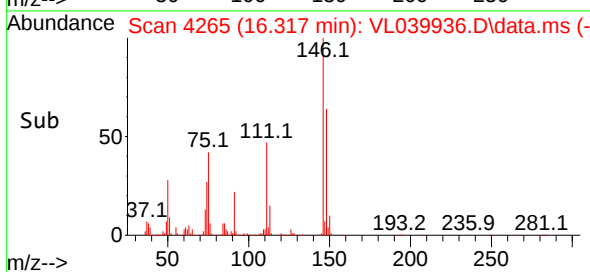
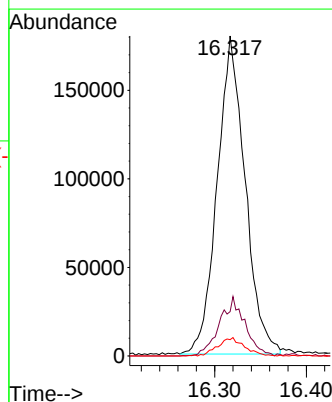
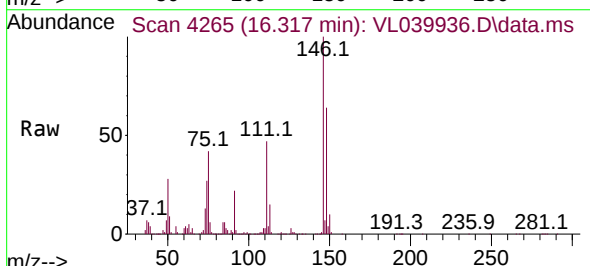
Instrument :
MSVOA_1
ClientSampleId :
VSTDCCC010

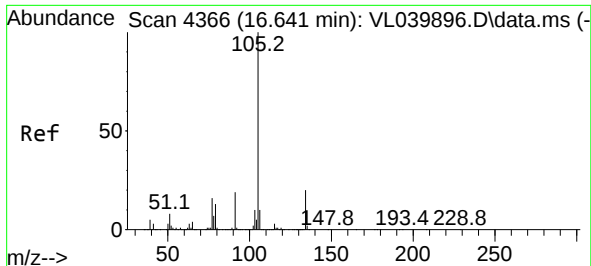
Tgt Ion:119 Resp: 4015836
Ion Ratio Lower Upper
119 100
91 82.0 65.8 98.8
134 19.5 16.1 24.1



#66
Benzyl Chloride
Concen: 8.833 ppbv
RT: 16.317 min Scan# 4265
Delta R.T. 0.006 min
Lab File: VL039936.D
Acq: 1 Dec 2022 9:19

Tgt Ion: 91 Resp: 379665
Ion Ratio Lower Upper
91 100
126 17.4 15.0 22.6
128 5.5 4.6 7.0

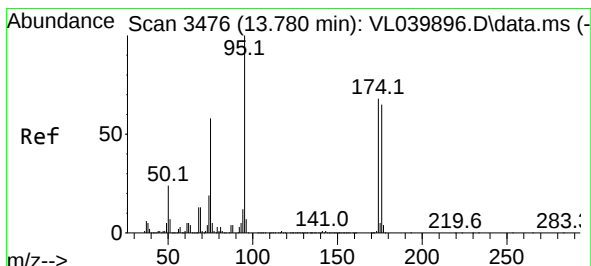
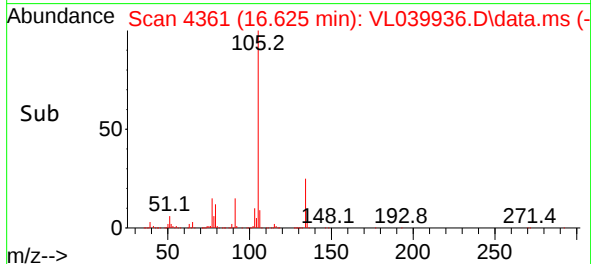
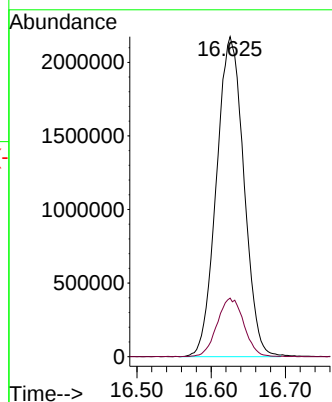
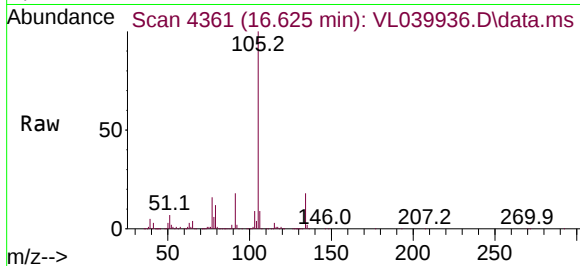




#67
 sec-Butylbenzene
 Concen: 8.074 ppbv
 RT: 16.625 min Scan# 41
 Delta R.T. 0.006 min
 Lab File: VL039936.D
 Acq: 1 Dec 2022 9:19

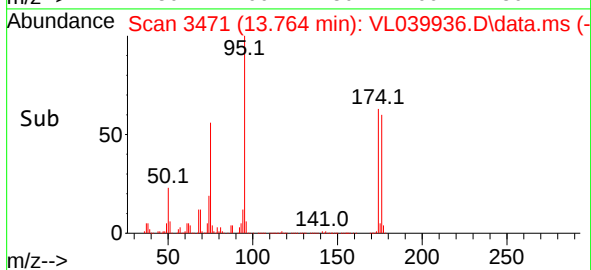
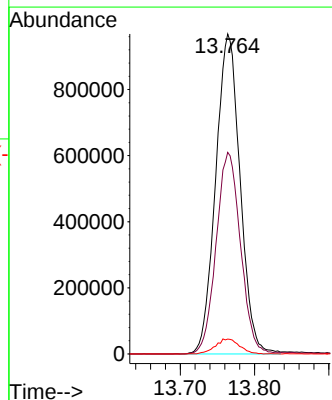
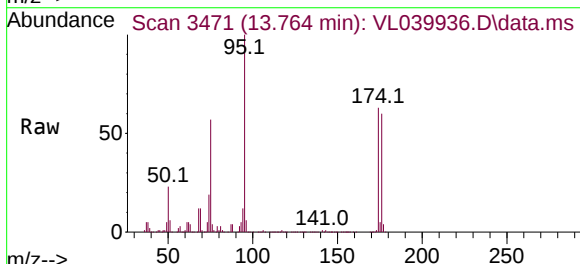
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

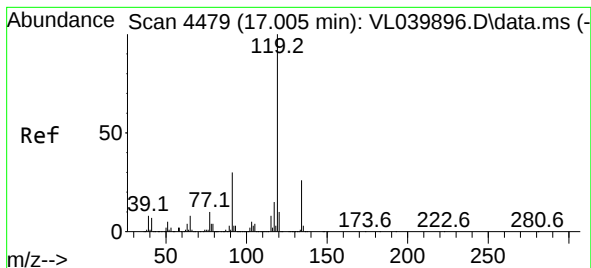
Tgt Ion:105 Resp: 5567994
 Ion Ratio Lower Upper
 105 100
 134 18.0 15.0 22.6



#68
 1-Bromo-4-Fluorobenzene
 Concen: 7.889 ppbv
 RT: 13.764 min Scan# 3471
 Delta R.T. 0.010 min
 Lab File: VL039936.D
 Acq: 1 Dec 2022 9:19

Tgt Ion: 95 Resp: 2212480
 Ion Ratio Lower Upper
 95 100
 174 63.7 53.7 80.5
 175 4.7 4.0 6.0

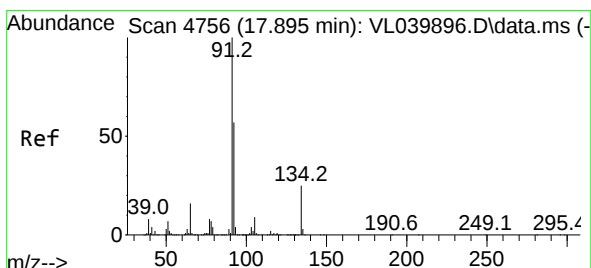
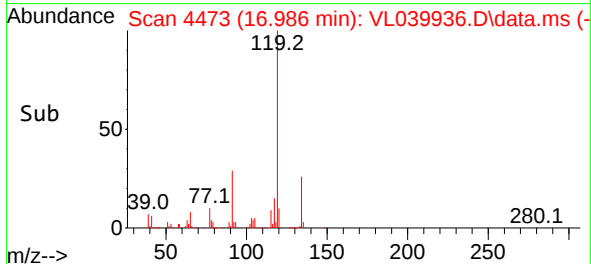
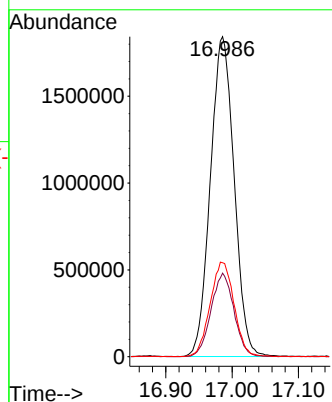
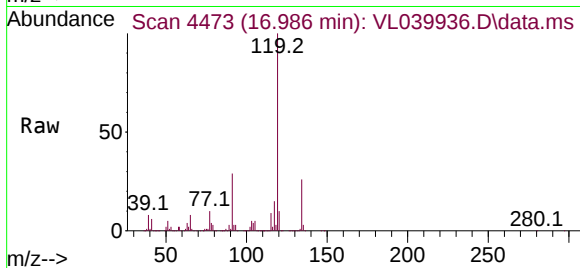




#69
p-Isopropyltoluene
Concen: 8.070 ppbv
RT: 16.986 min Scan# 4479
Delta R.T. 0.006 min
Lab File: VL039936.D
Acq: 1 Dec 2022 9:19

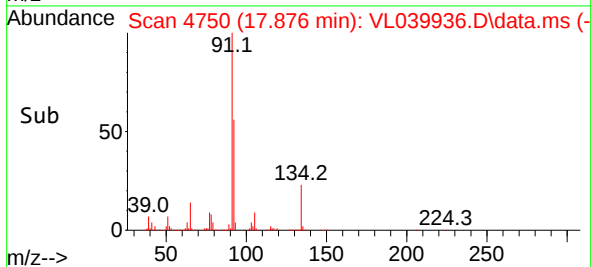
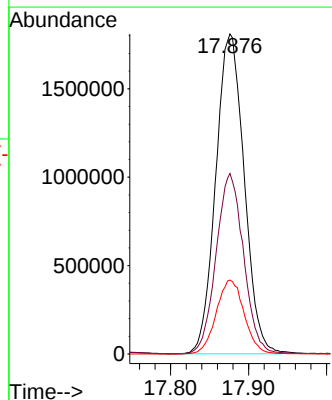
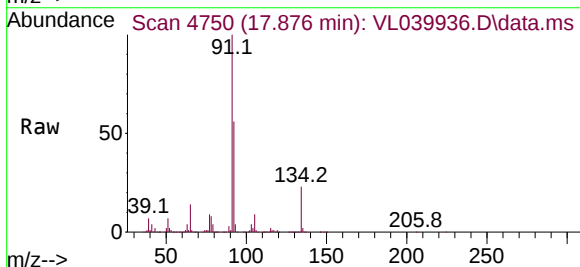
Instrument :
MSVOA_1
ClientSampleId :
VSTDCCC010

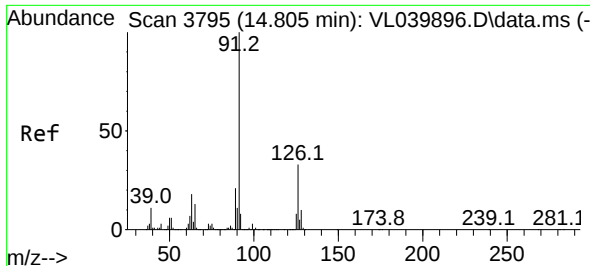
Tgt Ion:119 Resp: 4584846
Ion Ratio Lower Upper
119 100
134 25.3 21.0 31.4
91 29.8 24.4 36.6



#70
n-Butylbenzene
Concen: 8.145 ppbv
RT: 17.876 min Scan# 4750
Delta R.T. 0.003 min
Lab File: VL039936.D
Acq: 1 Dec 2022 9:19

Tgt Ion: 91 Resp: 4587214
Ion Ratio Lower Upper
91 100
92 54.7 44.2 66.2
134 22.8 18.8 28.2

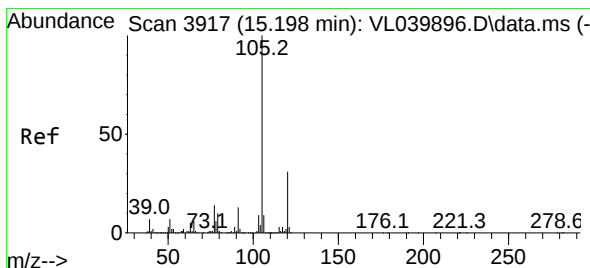
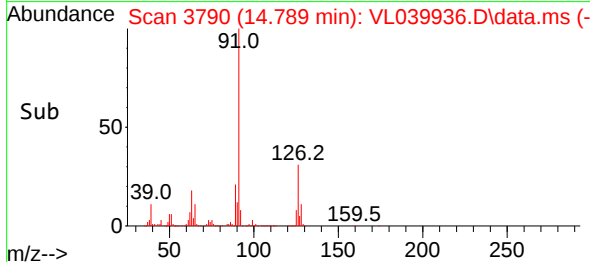
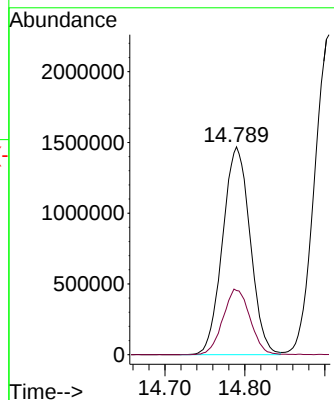
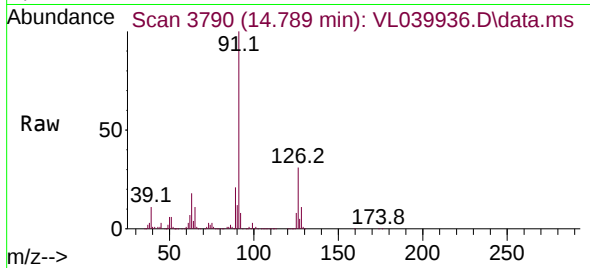




#71
2-Chlorotoluene
Concen: 8.081 ppbv
RT: 14.789 min Scan# 31
Delta R.T. 0.010 min
Lab File: VL039936.D
Acq: 1 Dec 2022 9:19

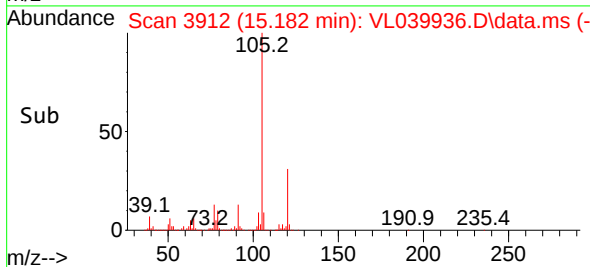
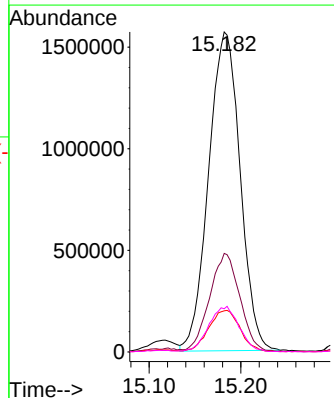
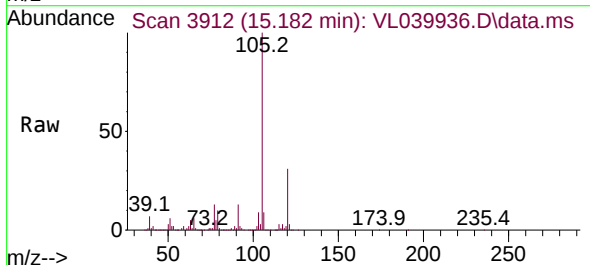
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

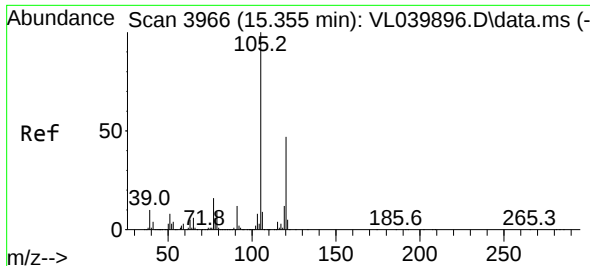
Tgt Ion: 91 Resp: 3511848
Ion Ratio Lower Upper
91 100
126 31.0 12.8 51.0



#72
4-Ethyltoluene
Concen: 8.381 ppbv
RT: 15.182 min Scan# 3912
Delta R.T. 0.006 min
Lab File: VL039936.D
Acq: 1 Dec 2022 9:19

Tgt Ion: 105 Resp: 3745463
Ion Ratio Lower Upper
105 100
120 30.9 24.5 36.7
91 12.8 10.4 15.6
77 13.9 11.3 16.9

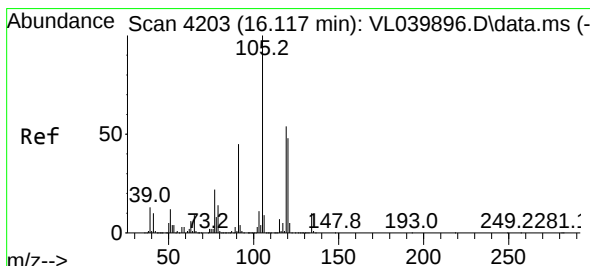
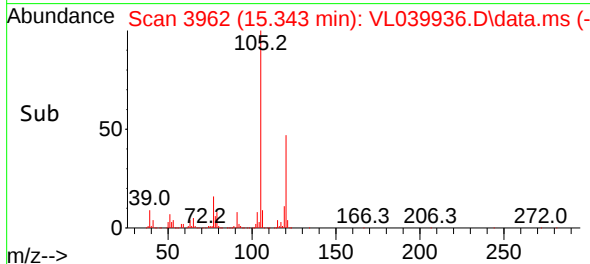
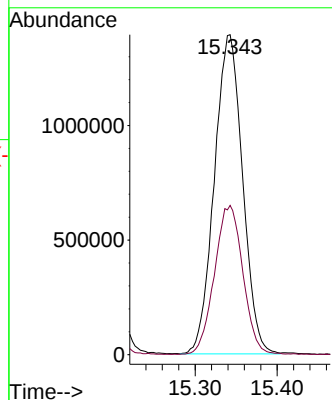
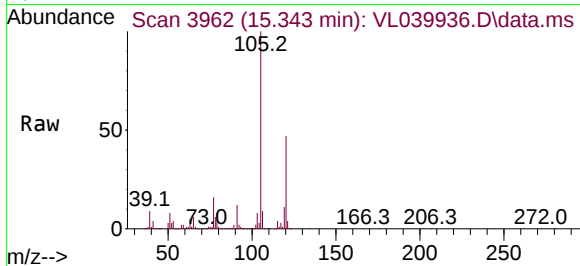




#73
1,3,5-Trimethylbenzene
Concen: 8.144 ppbv
RT: 15.343 min Scan# 3966
Delta R.T. 0.010 min
Lab File: VL039936.D
Acq: 1 Dec 2022 9:19

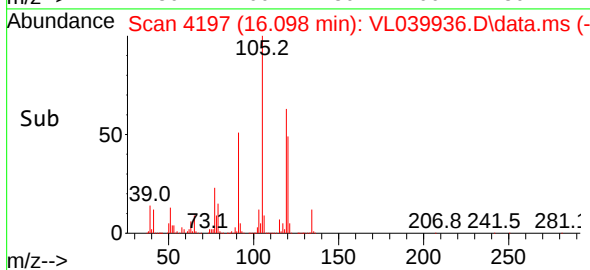
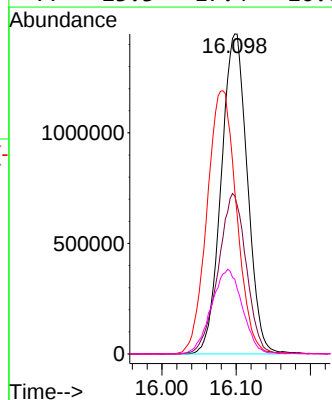
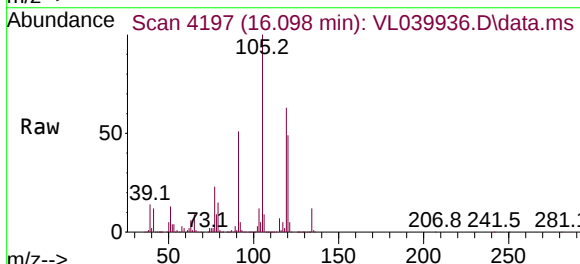
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

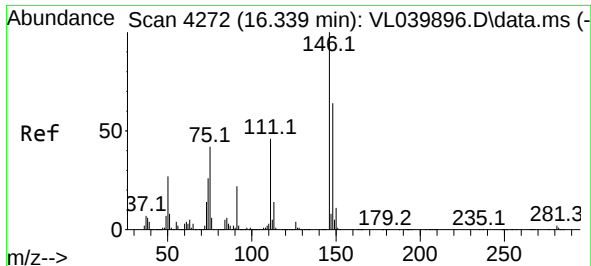
Tgt Ion:105 Resp: 3332051
Ion Ratio Lower Upper
105 100
120 46.6 37.9 56.9



#74
1,2,4-Trimethylbenzene
Concen: 8.166 ppbv
RT: 16.098 min Scan# 4197
Delta R.T. 0.006 min
Lab File: VL039936.D
Acq: 1 Dec 2022 9:19

Tgt Ion:105 Resp: 3537161
Ion Ratio Lower Upper
105 100
120 49.3 38.7 58.1
91 50.6 36.4 54.6
77 23.3 17.4 26.0

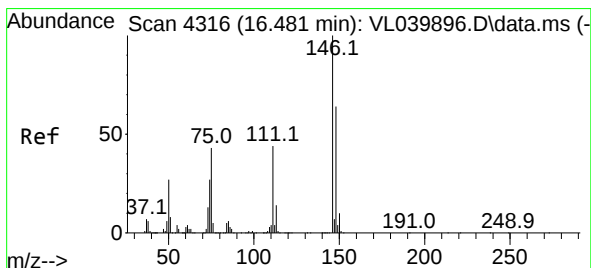
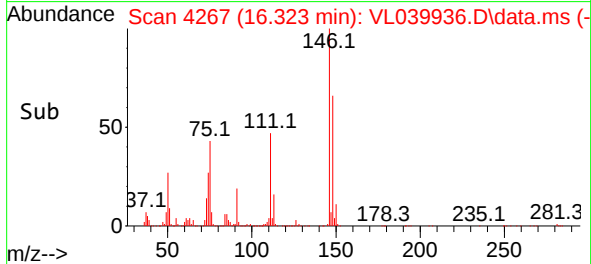
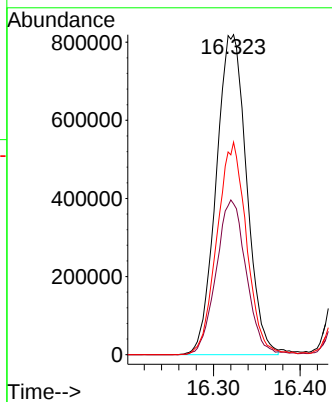
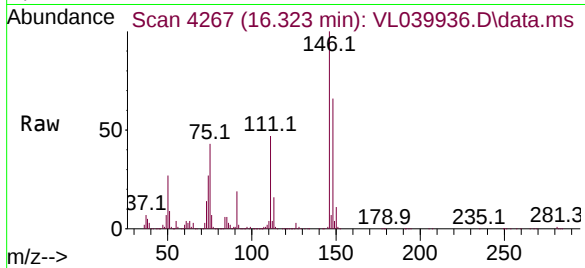




#75
1,3-Dichlorobenzene
Concen: 8.201 ppbv
RT: 16.323 min Scan# 41
Delta R.T. 0.010 min
Lab File: VL039936.D
Acq: 1 Dec 2022 9:19

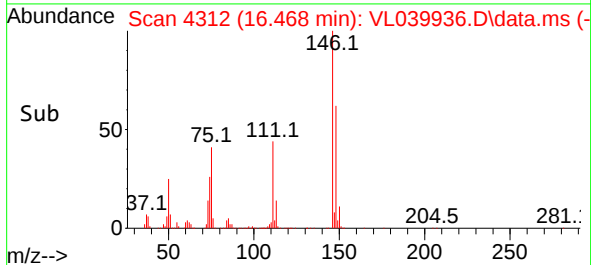
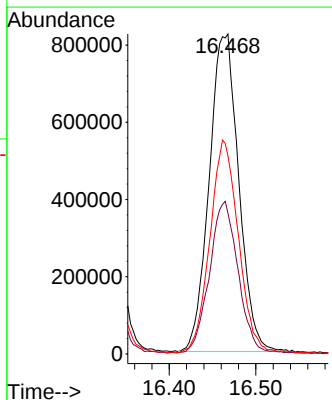
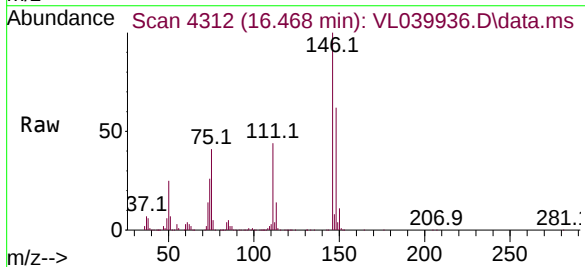
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

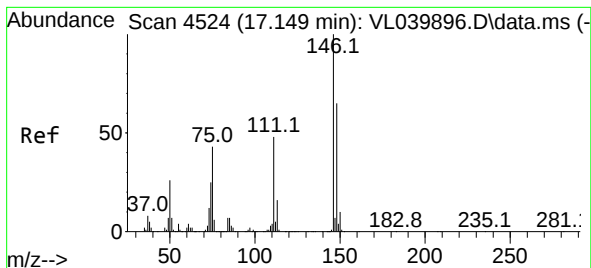
Tgt Ion:146 Resp: 1998487
Ion Ratio Lower Upper
146 100
111 47.9 23.3 69.9
148 64.7 32.2 96.6



#76
1,4-Dichlorobenzene
Concen: 8.062 ppbv
RT: 16.468 min Scan# 4312
Delta R.T. 0.010 min
Lab File: VL039936.D
Acq: 1 Dec 2022 9:19

Tgt Ion:146 Resp: 1947768
Ion Ratio Lower Upper
146 100
111 47.3 22.4 67.3
148 65.6 32.3 96.9





#77

1,2-Dichlorobenzene

Concen: 8.177 ppbv

RT: 17.130 min Scan# 4518

Delta R.T. 0.000 min

Lab File: VL039936.D

Acq: 1 Dec 2022 9:19

Instrument :

MSVOA_1

ClientSampleId :

VSTDCCC010

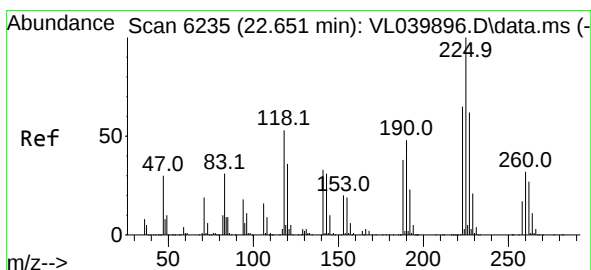
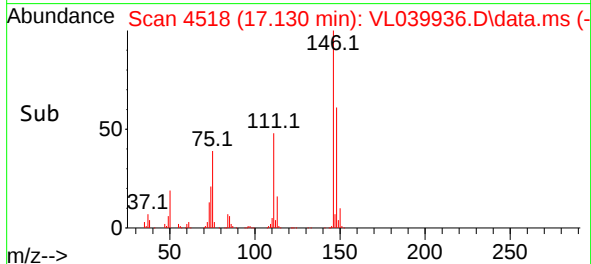
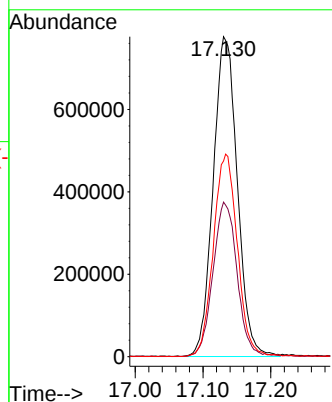
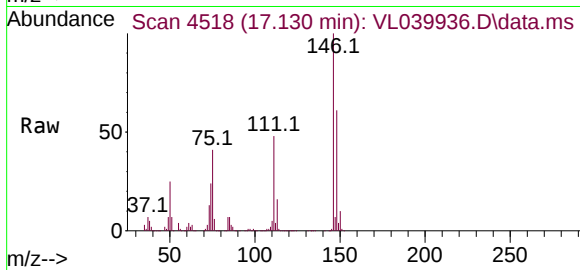
Tgt Ion:146 Resp: 1921126

Ion Ratio Lower Upper

146 100

111 48.3 24.1 72.3

148 63.0 32.4 97.2



#78

Hexachloro-1,3-Butadiene

Concen: 3.326 ppbv

RT: 22.628 min Scan# 6228

Delta R.T. 0.003 min

Lab File: VL039936.D

Acq: 1 Dec 2022 9:19

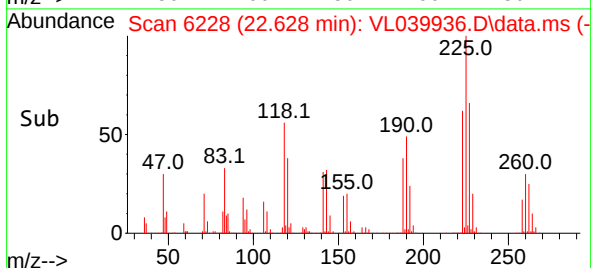
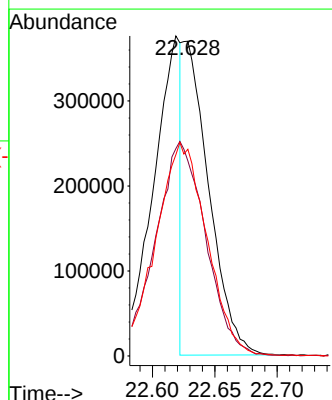
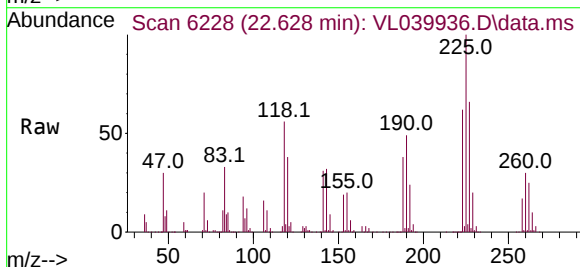
Tgt Ion:225 Resp: 542282

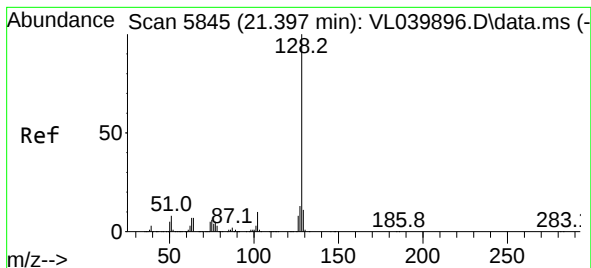
Ion Ratio Lower Upper

225 100

223 0.0 50.7 76.1#

227 0.0 50.8 76.2#





#79

Naphthalene

Concen: 8.743 ppbv

RT: 21.371 min Scan# 5837

Delta R.T. 0.000 min

Lab File: VL039936.D

Acq: 1 Dec 2022 9:19

Instrument :

MSVOA_1

ClientSampleId :

VSTDCCC010

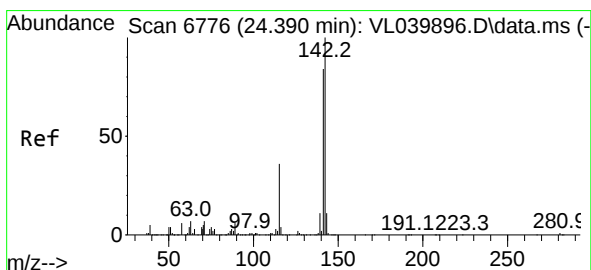
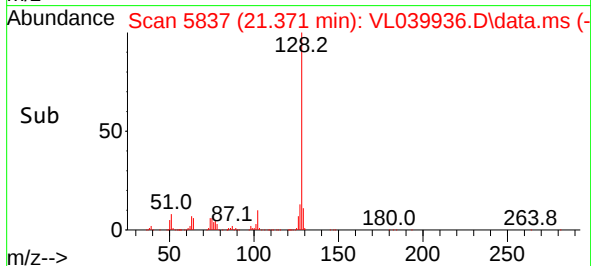
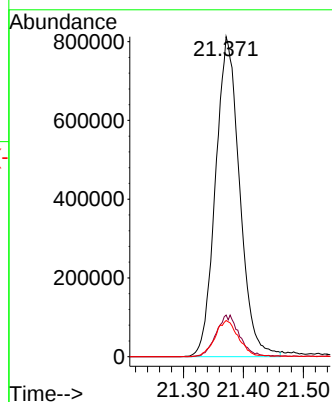
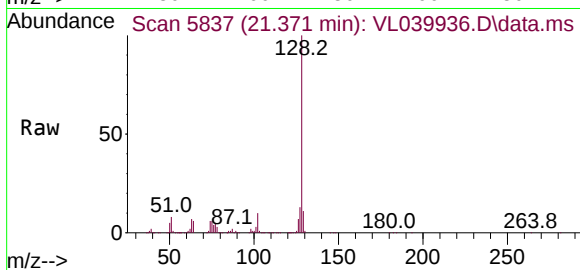
Tgt Ion:128 Resp: 2266432

Ion Ratio Lower Upper

128 100

127 13.0 10.0 15.0

129 11.3 8.8 13.2



#80

Naphthalene,2-methyl-

Concen: 8.926 ppbv

RT: 24.371 min Scan# 6770

Delta R.T. 0.003 min

Lab File: VL039936.D

Acq: 1 Dec 2022 9:19

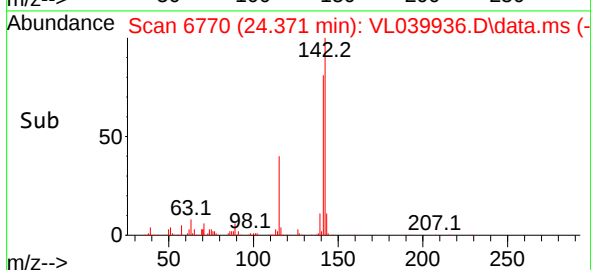
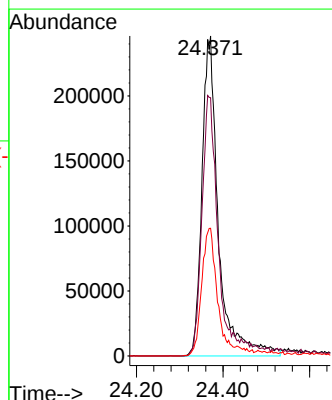
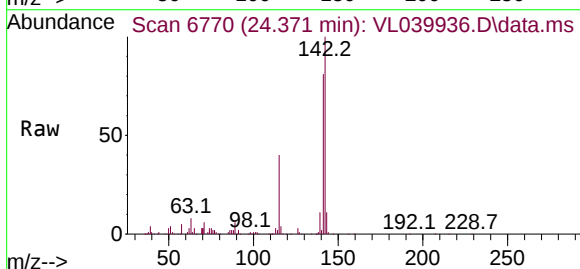
Tgt Ion:142 Resp: 650792

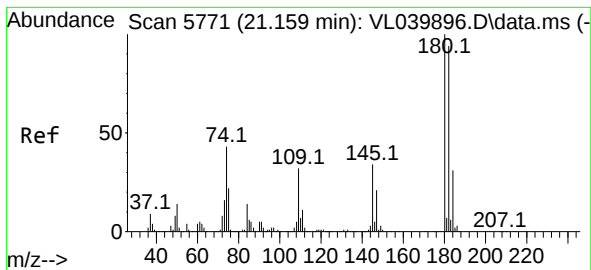
Ion Ratio Lower Upper

142 100

141 83.9 69.1 103.7

115 40.5 29.6 44.4





#81
 1,2,4-Trichlorobenzene
 Concen: 7.735 ppbv
 RT: 21.127 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VL039936.D
 Acq: 1 Dec 2022 9:19

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tgt Ion:180 Resp: 1238304

Ion	Ratio	Lower	Upper
180	100		
182	97.4	77.0	115.6
184	30.9	25.2	37.8

