

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL120222\
 Data File : VL039968.D
 Acq On : 2 Dec 2022 13:36
 Operator : SY/MD
 Sample : VSTDC0010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDC0010EC

Quant Time: Dec 02 23:23:02 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 : Fri Dec 02 23:21:36 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.157	49	1108037	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.616	114	3104046	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.433	117	3048560	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.741	95	2340695	10.052	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.500%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.697	85	1694008	10.675	ppbv	96
3) Chlorodifluoromethane	2.642	51	1230121	8.045	ppbv	97
4) Chloromethane	2.780	50	682169	6.982	ppbv	95
5) Vinyl Chloride	2.890	62	645996	8.461	ppbv	95
6) Bromomethane	3.086	94	279682	10.739	ppbv	97
7) Chloroethane	3.166	64	231358	7.666	ppbv	92
8) Dichlorotetrafluoroethane	2.825	85	1631700	9.005	ppbv	99
9) Propene	2.661	41	539234	7.487	ppbv	100
10) Heptane	7.545	43	1352173	7.780	ppbv	98
11) Trichlorofluoromethane	3.530	101	1708428	8.826	ppbv	100
12) 1,1,2-Trichlorotrifluo...	4.031	101	1277994	8.724	ppbv	95
13) Ethanol	3.211	45	25406	4.620	ppbv	89
14) Bromoethene	3.333	108	510271	8.932	ppbv	99
15) Acetone	3.433	43	1093203	7.438	ppbv	98
16) 1,3-Butadiene	2.951	39	591611	8.077	ppbv	99
17) tert-Butyl alcohol	3.841	59	1301574	7.703	ppbv	99
18) 1,1-Dichloroethene	3.845	96	557459	8.342	ppbv	99
19) Isopropyl Alcohol	3.539	45	561051	7.051	ppbv #	33
20) Methylene Chloride	3.899	84	466798	6.556	ppbv	95
21) Allyl Chloride	3.960	41	789927	7.748	ppbv	99
22) trans-1,2-Dichloroethene	4.411	96	582035	8.565	ppbv	97
23) Vinyl Acetate	4.587	43	184988	3.064	ppbv	97
24) 1,1-Dichloroethane	4.530	63	1183343	8.128	ppbv	99
25) Ethyl Acetate	5.169	43	2719885	10.080	ppbv	98
26) Hexane	5.179	57	1016140	8.620	ppbv	86
27) Carbon Disulfide	4.089	76	1367606	9.190	ppbv	98
28) Methyl tert-Butyl Ether	4.552	73	1141345	7.733	ppbv	98
29) Chloroform	5.240	83	1702747	10.870	ppbv	99
30) Cyclohexane	6.565	84	922260	7.973	ppbv	95
31) cis-1,2-Dichloroethene	5.044	61	914654	8.398	ppbv	99
32) 1,1,1-Trichloroethane	5.967	97	1770236	9.049	ppbv	99
34) 2-Butanone	4.751	43	1277477	8.601	ppbv	96
35) Carbon Tetrachloride	6.459	117	1843581	10.458	ppbv	97
36) Benzene	6.333	78	2300802	8.720	ppbv	98
37) 1,2-Dichloroethane	5.771	62	1309647	9.058	ppbv	99
38) Trichloroethene	7.256	130	1115582	7.564	ppbv	97
39) 1,2-Dichloropropane	7.037	63	862808	8.393	ppbv	94
40) 1,4-Dioxane	7.253	88	368704	9.004	ppbv	88
41) Tetrahydrofuran	5.523	42	880936	8.591	ppbv	97
42) Bromodichloromethane	7.211	83	1940463	9.896	ppbv	98
43) Methyl Methacrylate	7.439	69	970255	9.380	ppbv	98
44) 2,2,4-Trimethylpentane	7.291	57	3714906	8.434	ppbv	99
45) t-1,3-Dichloropropene	8.677	75	840948	8.799	ppbv	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL120222\
 Data File : VL039968.D
 Acq On : 2 Dec 2022 13:36
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

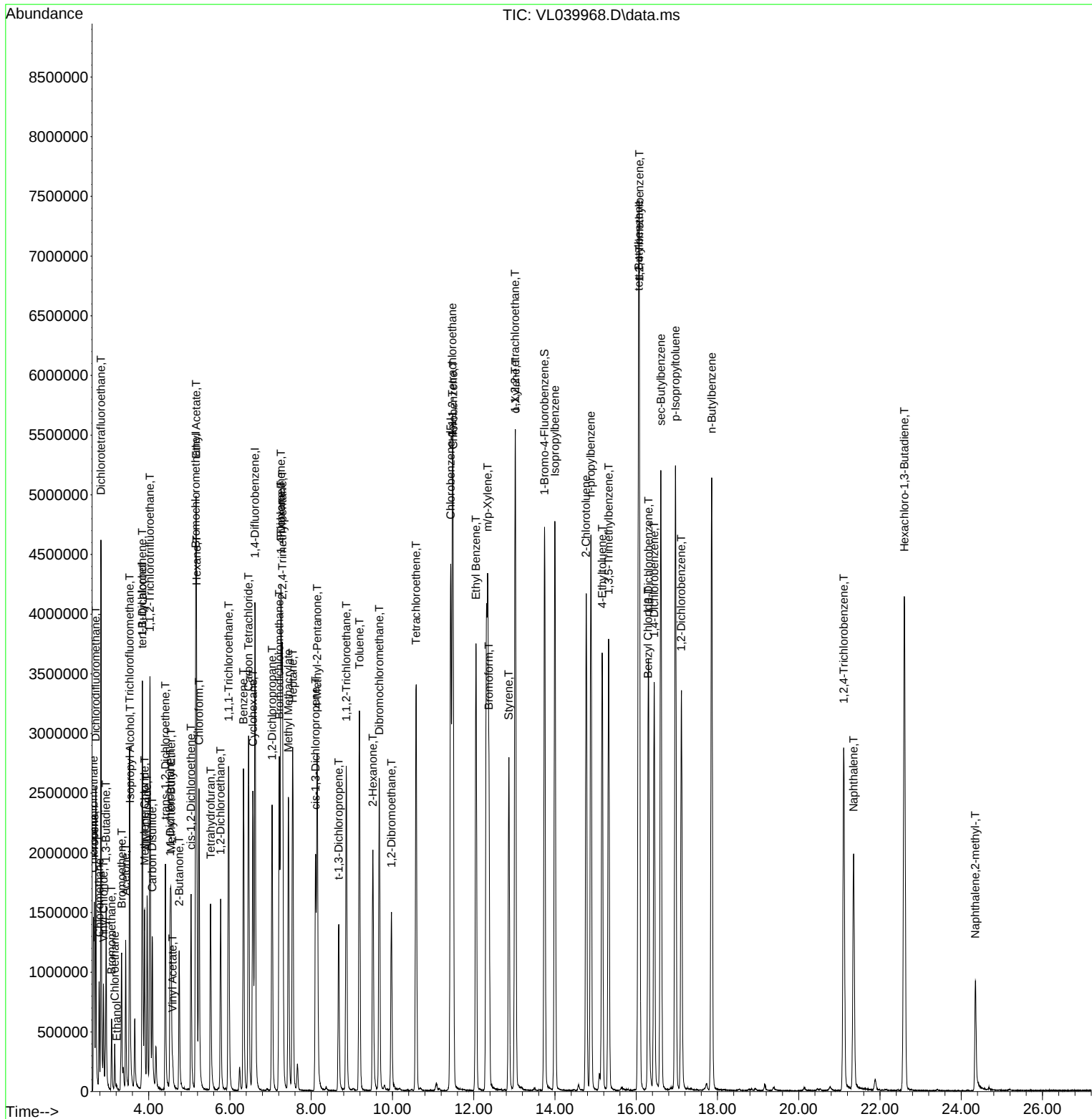
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

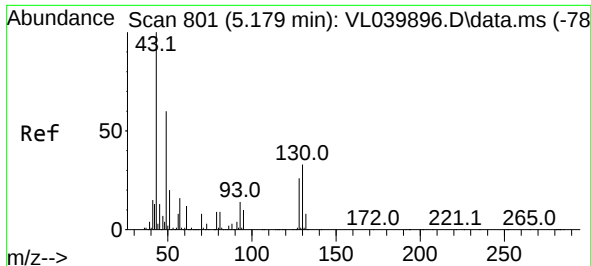
Quant Time: Dec 02 23:23:02 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL111822AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri Dec 02 23:21:36 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.108	75	1150835	8.692	ppbv	96
47) 1,1,2-Trichloroethane	8.864	97	975860	9.237	ppbv	98
48) Dibromochloromethane	9.677	129	1635187	10.567	ppbv	100
49) Bromoform	12.375	173	1314975	10.498	ppbv	99
50) 4-Methyl-2-Pentanone	8.147	43	2307241	8.674	ppbv	99
51) 2-Hexanone	9.516	43	1810311	8.767	ppbv #	100
52) Tetrachloroethene	10.581	164	796115	8.066	ppbv	93
53) Toluene	9.189	91	2641160	8.787	ppbv	99
54) 1,2-Dibromoethane	9.976	107	1253750	11.120	ppbv	100
56) 1,1,1,2-Tetrachloroethane	11.475	131	1240456	9.954	ppbv	97
57) Chlorobenzene	11.494	112	2023951	8.683	ppbv	98
58) Ethyl Benzene	12.053	91	3591185	8.683	ppbv	97
59) m/p-Xylene	12.340	91	3428976	9.906	ppbv #	51
60) o-Xylene	13.028	91	2902038	8.791	ppbv	98
61) Styrene	12.864	104	1717629	8.717	ppbv	100
62) Isopropylbenzene	13.999	105	4371733	9.184	ppbv	98
63) 1,1,2,2-Tetrachloroethane	13.018	83	1600488	14.520	ppbv	99
64) n-propylbenzene	14.883	120	1145245	9.197	ppbv	90
65) tert-Butylbenzene	16.063	119	3852217	9.250	ppbv	99
66) Benzyl Chloride	16.291	91	79669	2.232	ppbv #	64
67) sec-Butylbenzene	16.606	105	5364936	9.370	ppbv	98
69) p-Isopropyltoluene	16.966	119	4411582	9.353	ppbv	99
70) n-Butylbenzene	17.857	91	4527020	9.681	ppbv	99
71) 2-Chlorotoluene	14.767	91	3332963	9.237	ppbv	99
72) 4-Ethyltoluene	15.163	105	3350888	9.031	ppbv	98
73) 1,3,5-Trimethylbenzene	15.320	105	2999021	8.829	ppbv	99
74) 1,2,4-Trimethylbenzene	16.079	105	3215262	8.941	ppbv	93
75) 1,3-Dichlorobenzene	16.301	146	1818405	8.987	ppbv	99
76) 1,4-Dichlorobenzene	16.442	146	1750387	8.727	ppbv	98
77) 1,2-Dichlorobenzene	17.111	146	1733612	8.887	ppbv	98
78) Hexachloro-1,3-Butadiene	22.600	225	1218925	9.006	ppbv	100
79) Naphthalene	21.349	128	2501090	11.620	ppbv	99
80) Naphthalene,2-methyl-	24.345	142	678578	11.210	ppbv	94
81) 1,2,4-Trichlorobenzene	21.108	180	1279203	9.624	ppbv	99

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

Quant Time: Dec 02 23:23:02 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL111822AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Fri Dec 02 23:21:36 2022
Response via : Initial Calibration

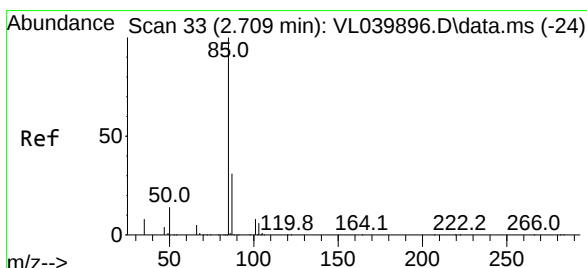
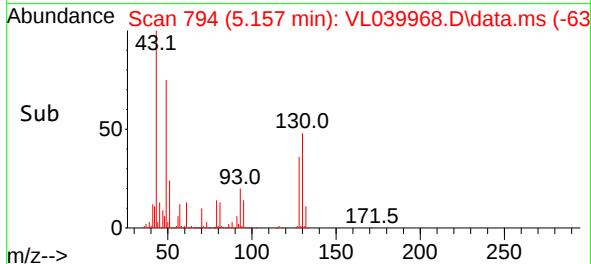
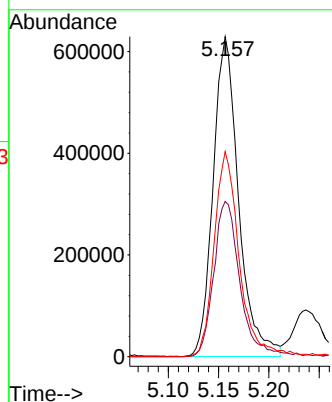
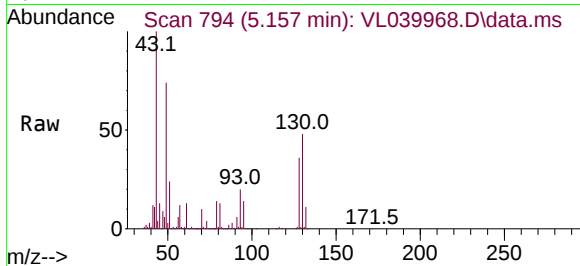




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.157 min Scan# 79
Delta R.T. 0.001 min
Lab File: VL039968.D
Acq: 2 Dec 2022 13:36

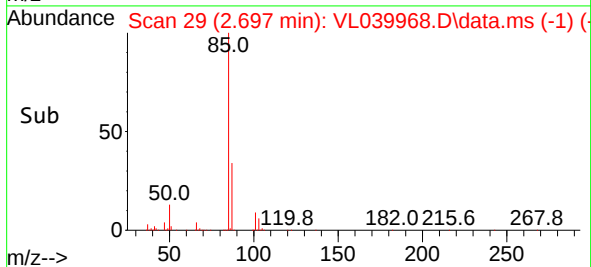
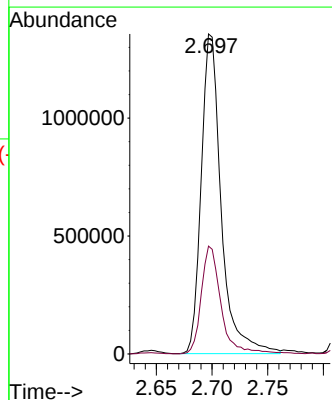
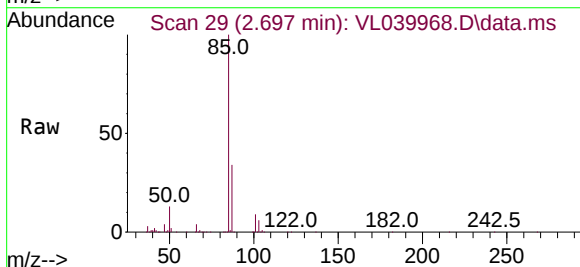
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

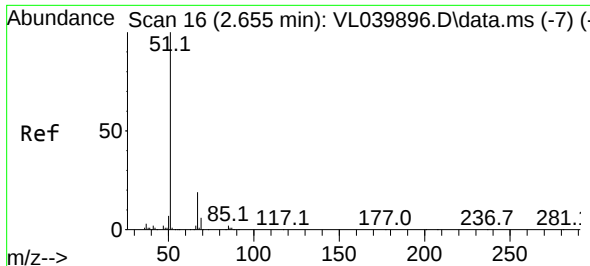
Tgt Ion: 49 Resp: 1108037
Ion Ratio Lower Upper
49 100
128 50.3 22.1 66.3
130 64.7 27.7 83.1



#2
Dichlorodifluoromethane
Concen: 10.675 ppbv
RT: 2.697 min Scan# 29
Delta R.T. 0.000 min
Lab File: VL039968.D
Acq: 2 Dec 2022 13:36

Tgt Ion: 85 Resp: 1694008
Ion Ratio Lower Upper
85 100
87 33.6 25.0 37.4

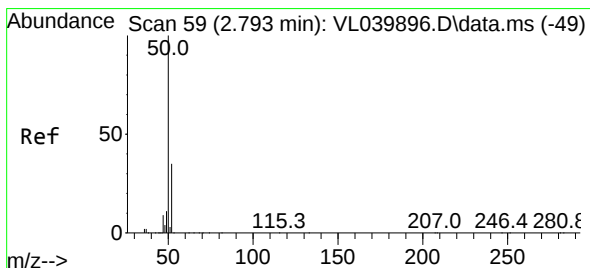
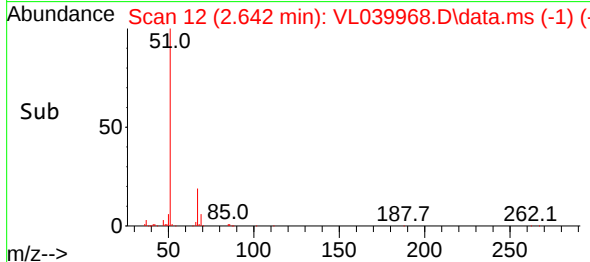
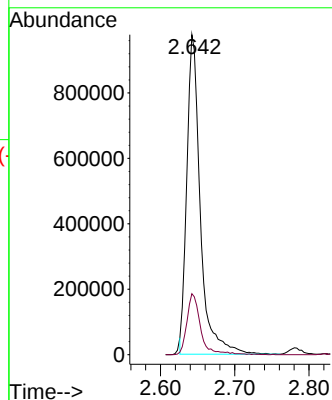
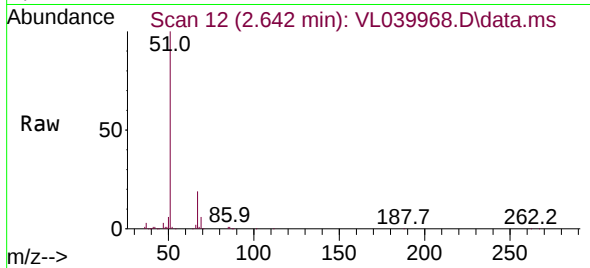




#3
Chlorodifluoromethane
Concen: 8.045 ppbv
RT: 2.642 min Scan# 11
Delta R.T. 0.000 min
Lab File: VL039968.D
Acq: 2 Dec 2022 13:36

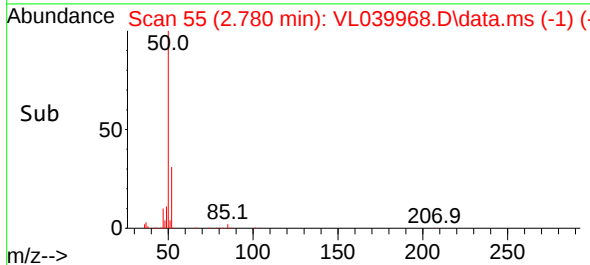
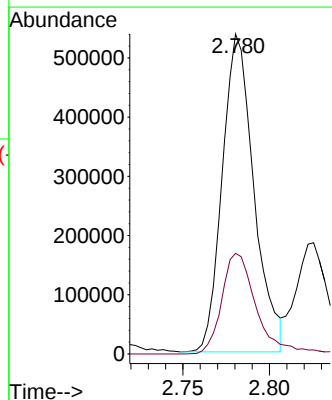
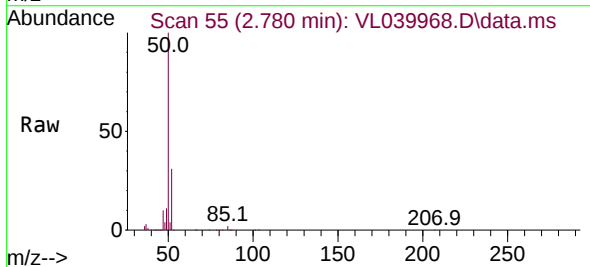
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

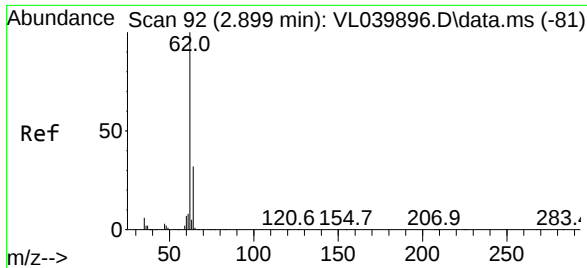
Tgt Ion: 51 Resp: 1230121
Ion Ratio Lower Upper
51 100
67 19.3 14.2 21.4



#4
Chloromethane
Concen: 6.982 ppbv
RT: 2.780 min Scan# 55
Delta R.T. 0.000 min
Lab File: VL039968.D
Acq: 2 Dec 2022 13:36

Tgt Ion: 50 Resp: 682169
Ion Ratio Lower Upper
50 100
52 31.7 27.8 41.8

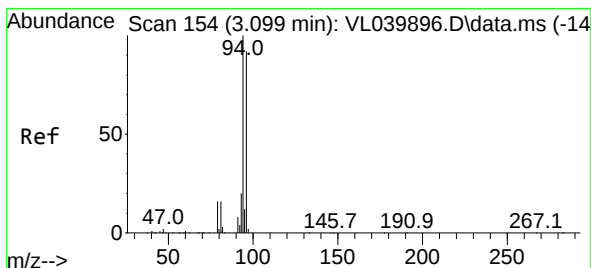
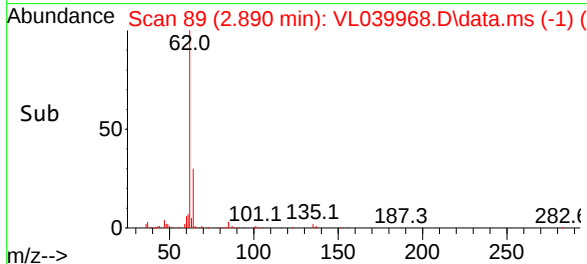
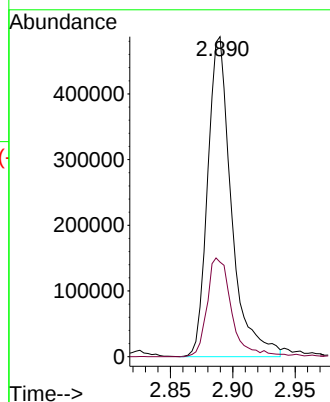
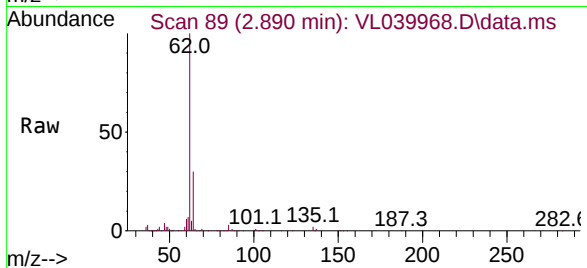




#5
 Vinyl Chloride
 Concen: 8.461 ppbv
 RT: 2.890 min Scan# 89
 Delta R.T. 0.003 min
 Lab File: VL039968.D
 Acq: 2 Dec 2022 13:36

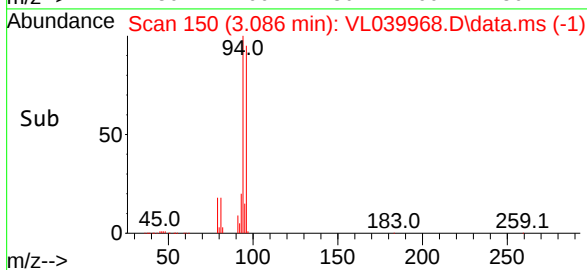
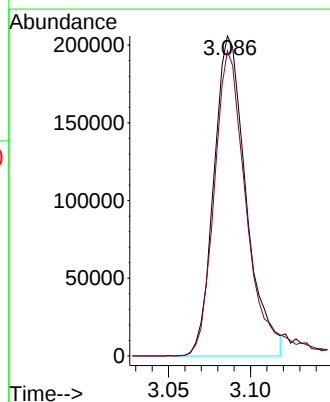
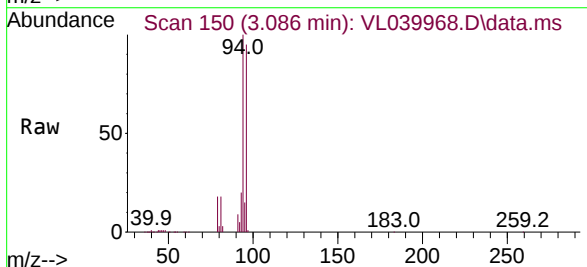
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDCCC010EC

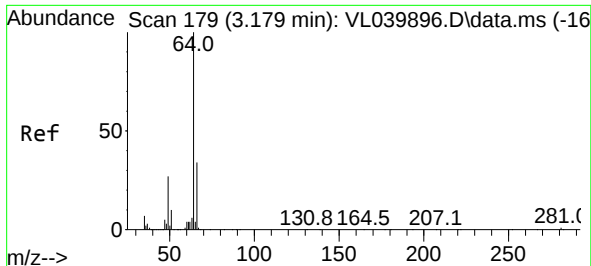
Tgt Ion: 62 Resp: 645996
 Ion Ratio Lower Upper
 62 100
 64 29.5 25.7 38.5



#6
 Bromomethane
 Concen: 10.739 ppbv
 RT: 3.086 min Scan# 150
 Delta R.T. 0.000 min
 Lab File: VL039968.D
 Acq: 2 Dec 2022 13:36

Tgt Ion: 94 Resp: 279682
 Ion Ratio Lower Upper
 94 100
 96 95.1 73.7 110.5

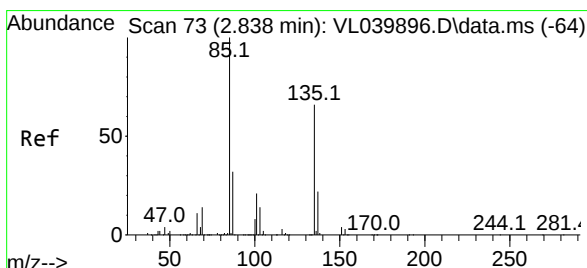
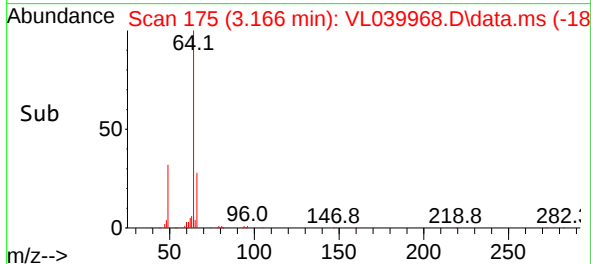
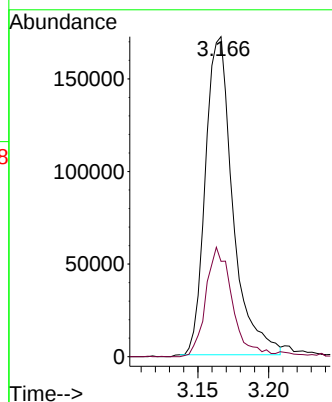
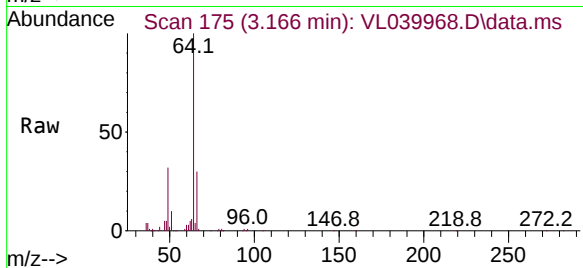




#7
Chloroethane
Concen: 7.666 ppbv
RT: 3.166 min Scan# 11
Delta R.T. 0.003 min
Lab File: VL039968.D
Acq: 2 Dec 2022 13:36

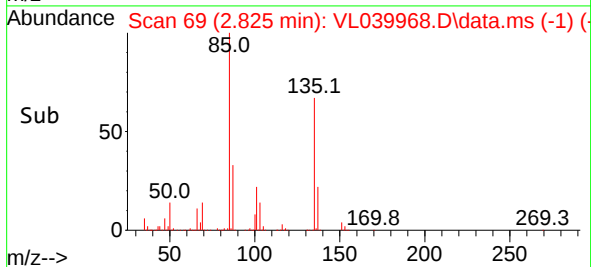
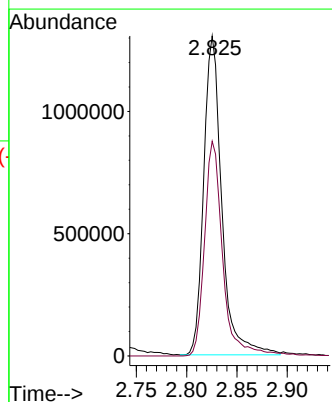
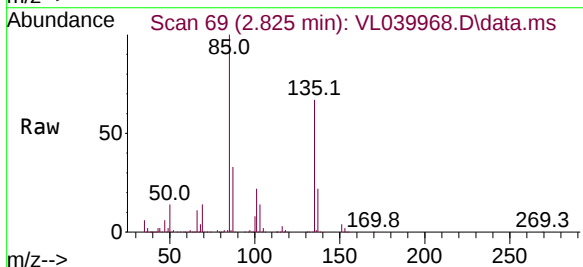
Instrument :
MSVOA_1
ClientSampleId :
VSTDCCC010EC

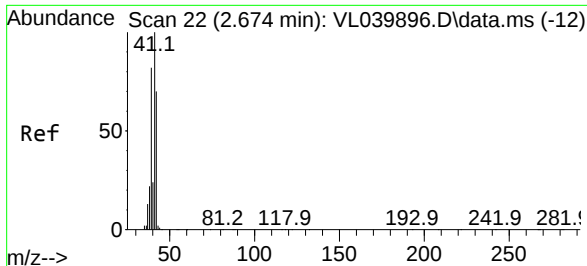
Tgt Ion: 64 Resp: 231358
Ion Ratio Lower Upper
64 100
66 29.8 27.3 40.9



#8
Dichlorotetrafluoroethane
Concen: 9.005 ppbv
RT: 2.825 min Scan# 69
Delta R.T. 0.000 min
Lab File: VL039968.D
Acq: 2 Dec 2022 13:36

Tgt Ion: 85 Resp: 1631700
Ion Ratio Lower Upper
85 100
135 68.4 54.1 81.1

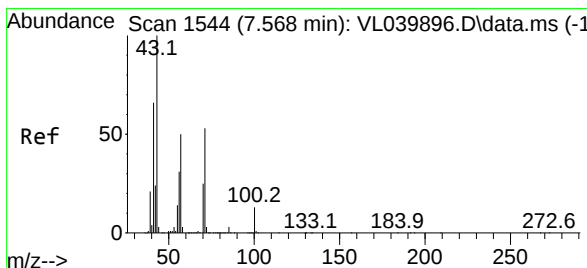
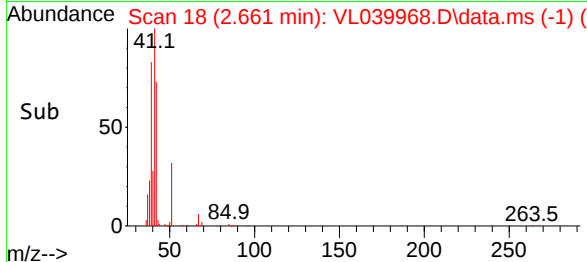
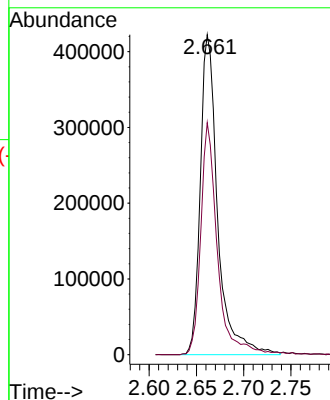
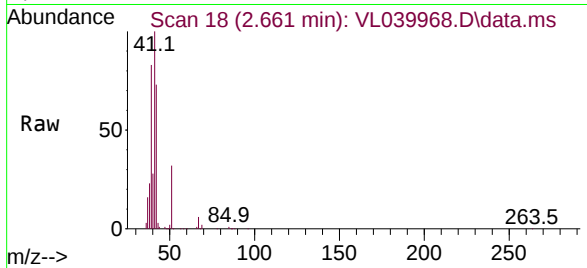




#9
 Propene
 Concen: 7.487 ppbv
 RT: 2.661 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VL039968.D
 Acq: 2 Dec 2022 13:36

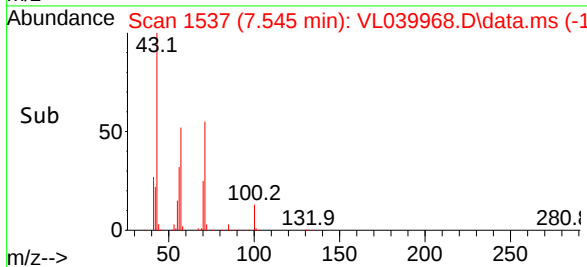
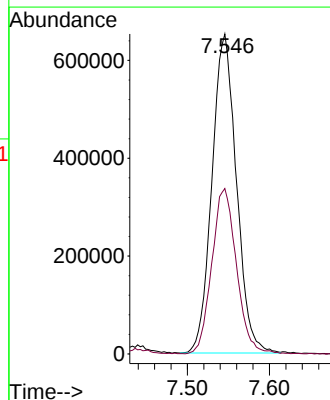
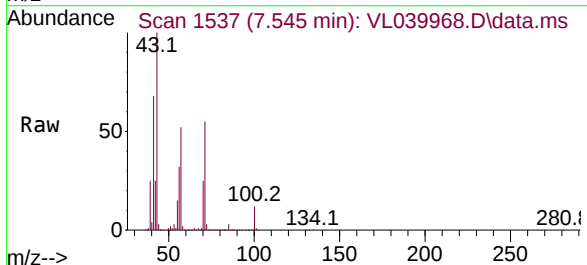
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

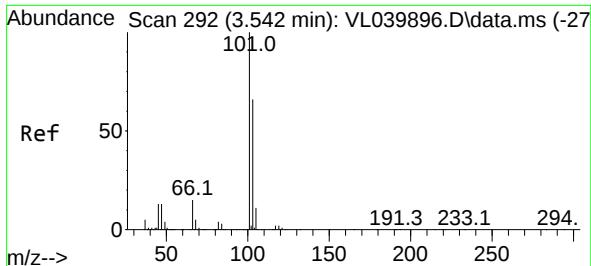
Tgt Ion: 41 Resp: 539234
 Ion Ratio Lower Upper
 41 100
 42 70.0 55.8 83.6



#10
 Heptane
 Concen: 7.780 ppbv
 RT: 7.545 min Scan# 1537
 Delta R.T. 0.000 min
 Lab File: VL039968.D
 Acq: 2 Dec 2022 13:36

Tgt Ion: 43 Resp: 1352173
 Ion Ratio Lower Upper
 43 100
 57 52.6 40.7 61.1

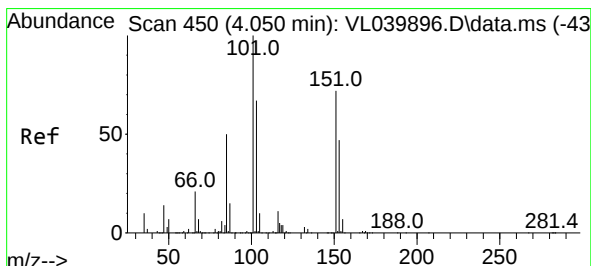
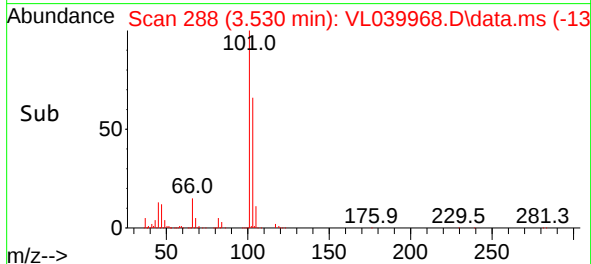
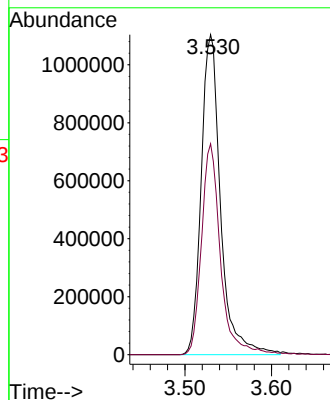
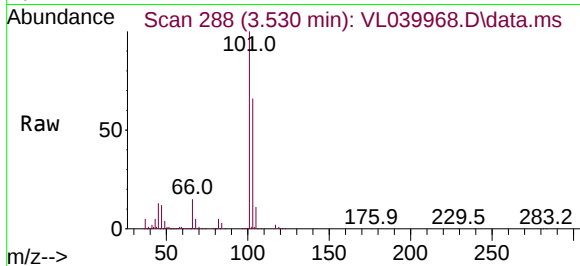




#11
 Trichlorofluoromethane
 Concen: 8.826 ppbv
 RT: 3.530 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VL039968.D
 Acq: 2 Dec 2022 13:36

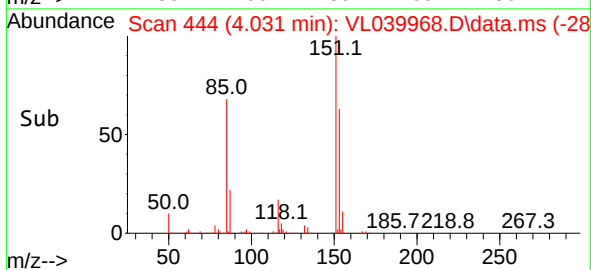
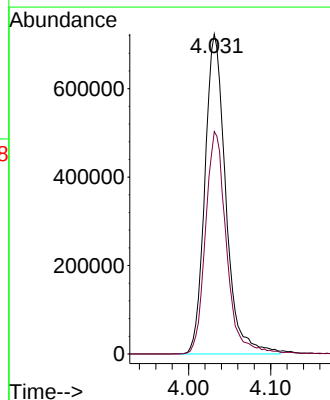
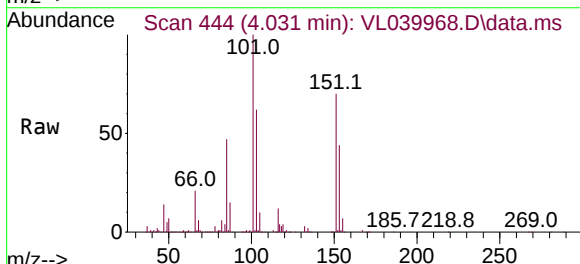
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

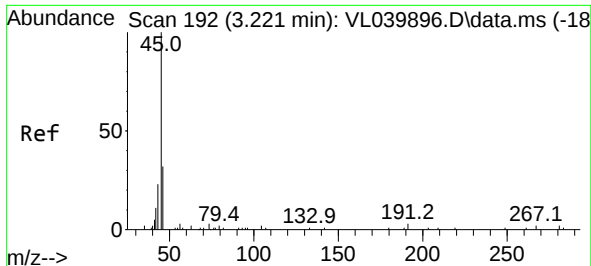
Tgt Ion:101 Resp: 1708428
 Ion Ratio Lower Upper
 101 100
 103 65.9 52.6 78.8



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 8.724 ppbv
 RT: 4.031 min Scan# 444
 Delta R.T. 0.000 min
 Lab File: VL039968.D
 Acq: 2 Dec 2022 13:36

Tgt Ion:101 Resp: 1277994
 Ion Ratio Lower Upper
 101 100
 151 70.3 59.6 89.4

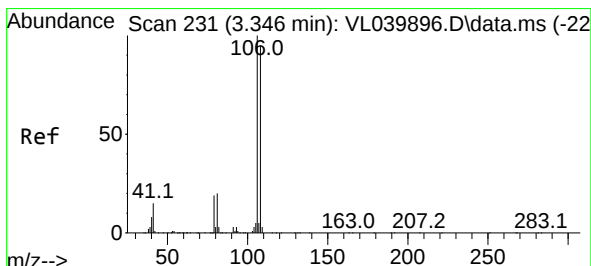
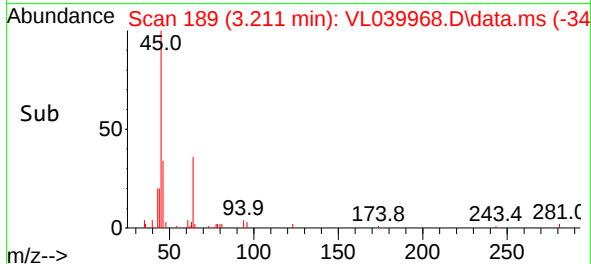
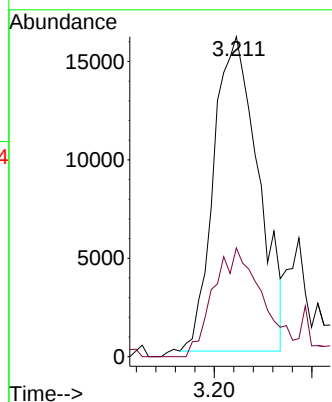
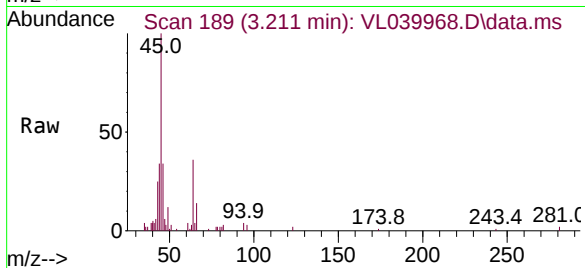




#13
 Ethanol
 Concen: 4.620 ppbv
 RT: 3.211 min Scan# 11
 Delta R.T. -0.003 min
 Lab File: VL039968.D
 Acq: 2 Dec 2022 13:36

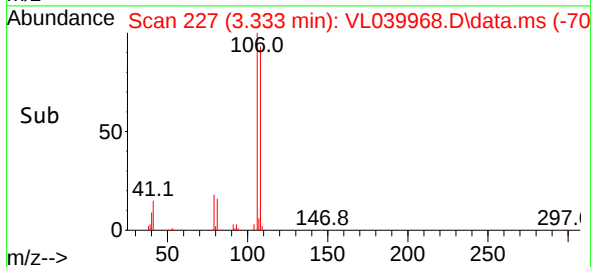
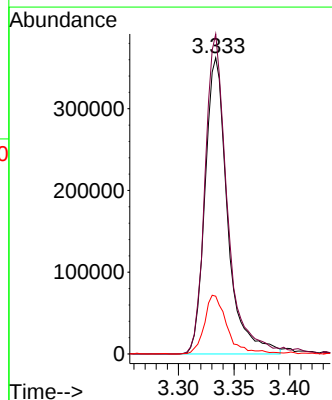
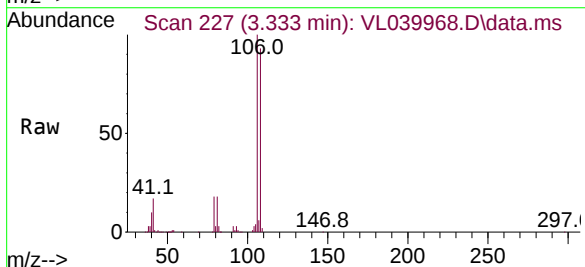
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

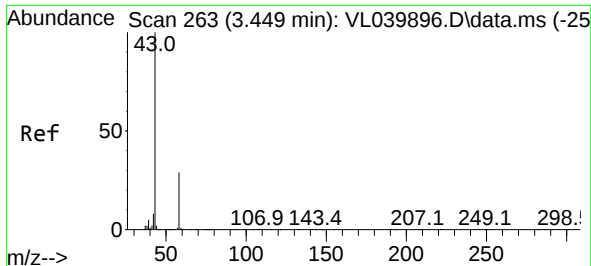
Tgt Ion: 45 Resp: 25406
 Ion Ratio Lower Upper
 45 100
 46 42.9 14.6 58.2



#14
 Bromoethene
 Concen: 8.932 ppbv
 RT: 3.333 min Scan# 227
 Delta R.T. 0.003 min
 Lab File: VL039968.D
 Acq: 2 Dec 2022 13:36

Tgt Ion: 108 Resp: 510271
 Ion Ratio Lower Upper
 108 100
 106 108.7 87.3 130.9
 79 20.6 15.9 23.9

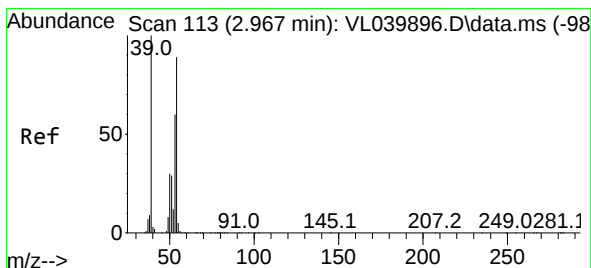
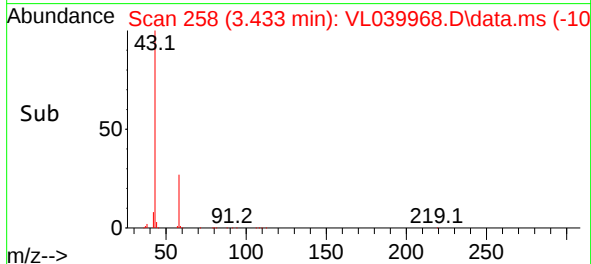
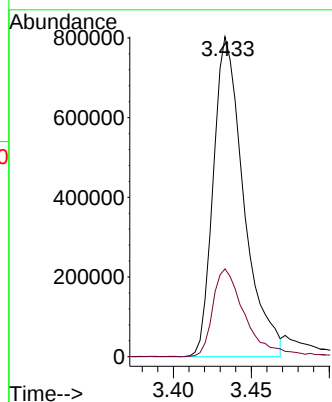
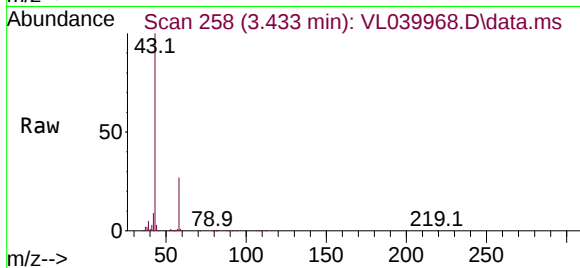




#15
Acetone
Concen: 7.438 ppbv
RT: 3.433 min Scan# 21
Delta R.T. 0.000 min
Lab File: VL039968.D
Acq: 2 Dec 2022 13:36

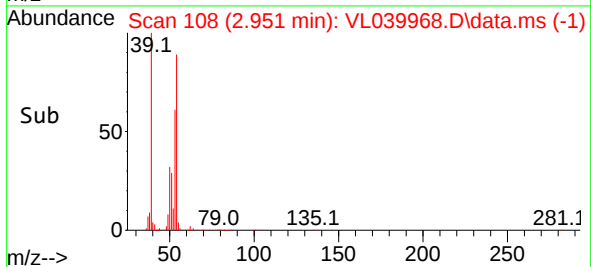
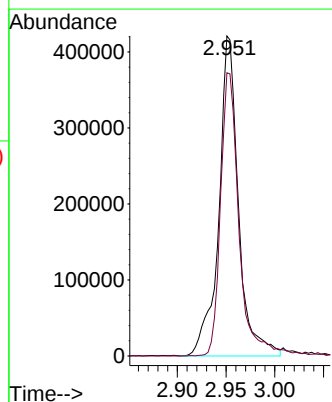
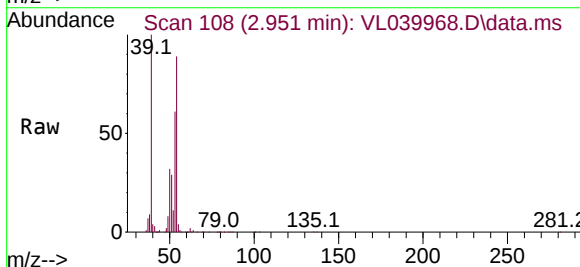
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

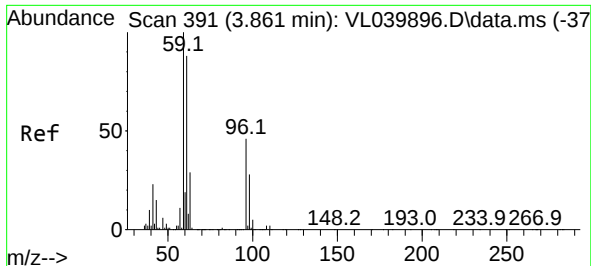
Tgt Ion: 43 Resp: 1093203
Ion Ratio Lower Upper
43 100
58 29.6 22.9 34.3



#16
1,3-Butadiene
Concen: 8.077 ppbv
RT: 2.951 min Scan# 108
Delta R.T. 0.000 min
Lab File: VL039968.D
Acq: 2 Dec 2022 13:36

Tgt Ion: 39 Resp: 591611
Ion Ratio Lower Upper
39 100
54 84.0 66.6 99.8





#17

tert-Butyl alcohol

Concen: 7.703 ppbv

RT: 3.841 min Scan# 385

Delta R.T. -0.003 min

Lab File: VL039968.D

Acq: 2 Dec 2022 13:36

Instrument :

MSVOA_L

ClientSampleId :

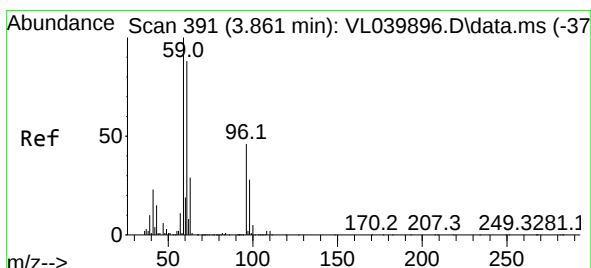
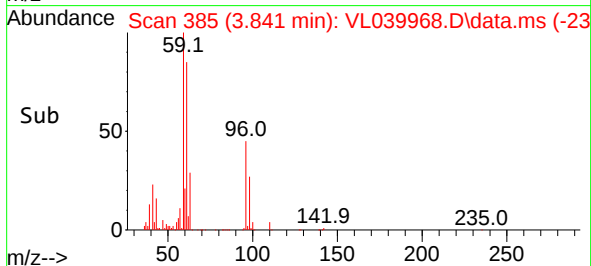
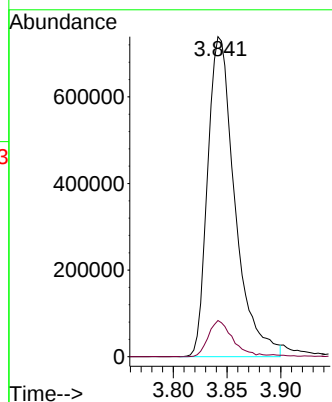
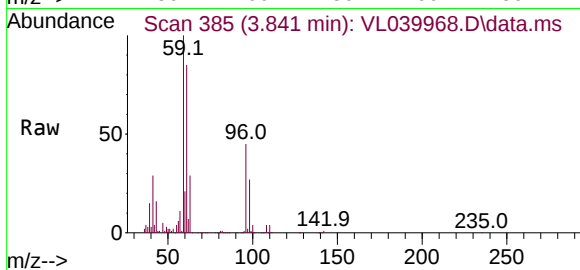
VSTDCCC010EC

Tgt Ion: 59 Resp: 1301574

Ion Ratio Lower Upper

59 100

57 10.7 8.3 12.5



#18

1,1-Dichloroethene

Concen: 8.342 ppbv

RT: 3.845 min Scan# 386

Delta R.T. 0.000 min

Lab File: VL039968.D

Acq: 2 Dec 2022 13:36

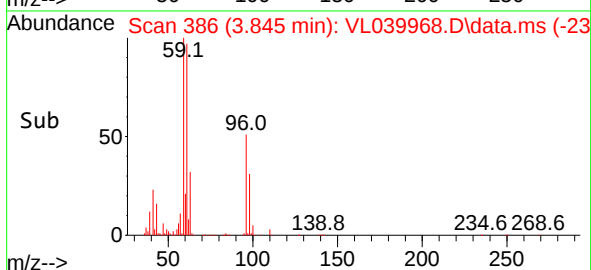
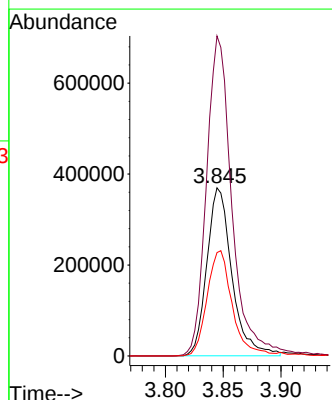
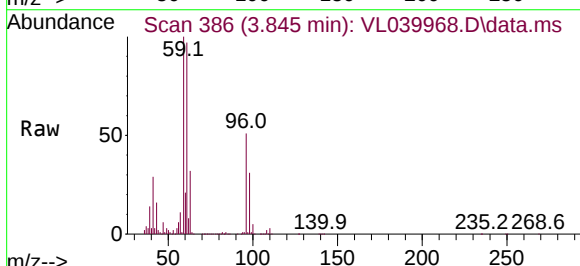
Tgt Ion: 96 Resp: 557459

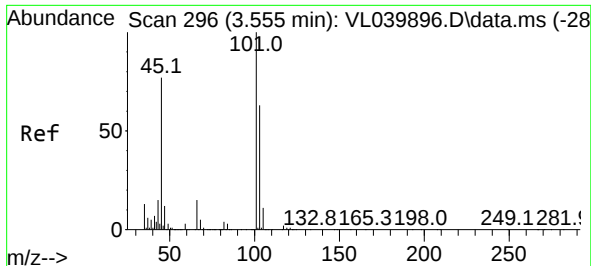
Ion Ratio Lower Upper

96 100

61 190.1 153.4 230.2

98 61.5 48.9 73.3

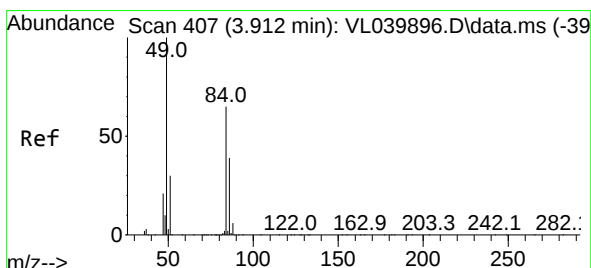
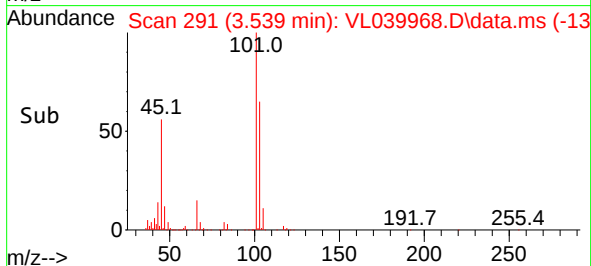
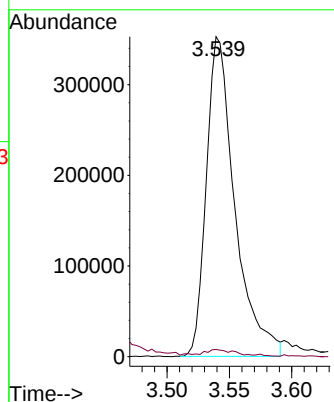
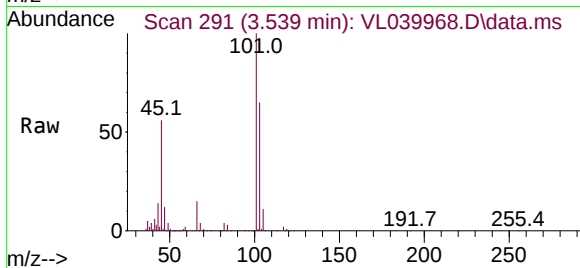




#19
Isopropyl Alcohol
Concen: 7.051 ppbv
RT: 3.539 min Scan# 296
Delta R.T. -0.003 min
Lab File: VL039968.D
Acq: 2 Dec 2022 13:36

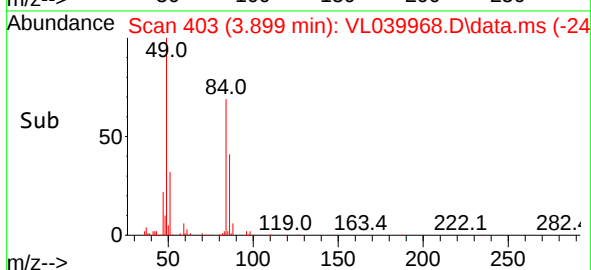
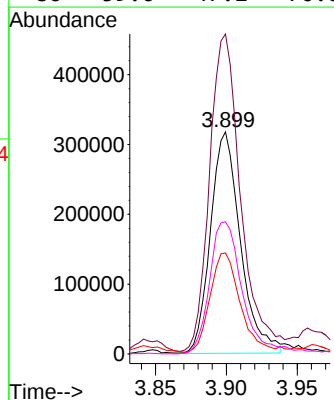
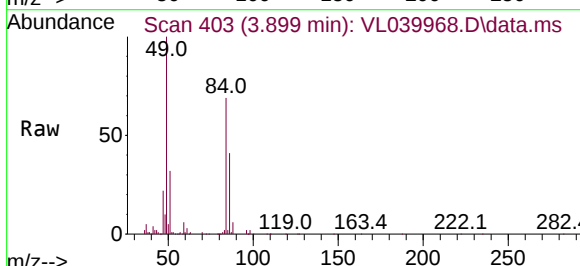
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

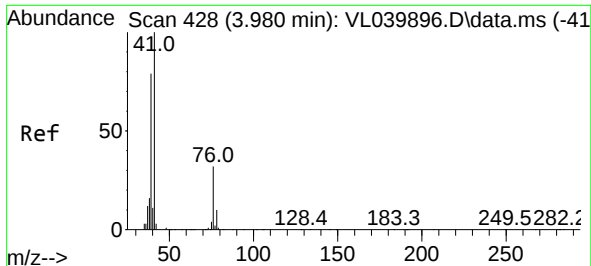
Tgt Ion: 45 Resp: 561051
Ion Ratio Lower Upper
45 100
58 2.9 38.7 58.1#



#20
Methylene Chloride
Concen: 6.556 ppbv
RT: 3.899 min Scan# 403
Delta R.T. 0.003 min
Lab File: VL039968.D
Acq: 2 Dec 2022 13:36

Tgt Ion: 84 Resp: 466798
Ion Ratio Lower Upper
84 100
49 143.6 122.2 183.4
51 44.6 36.3 54.5
86 59.6 47.2 70.8

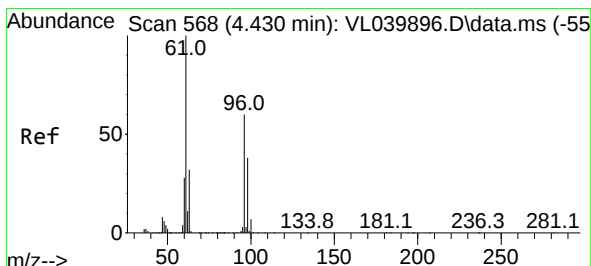
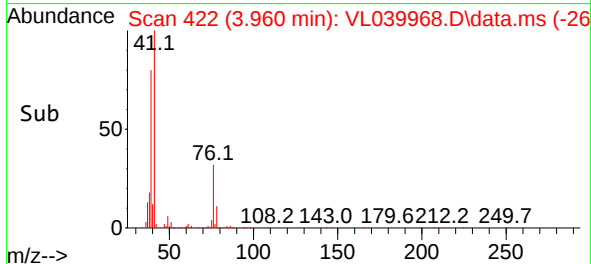
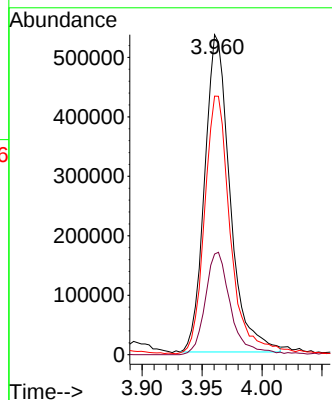
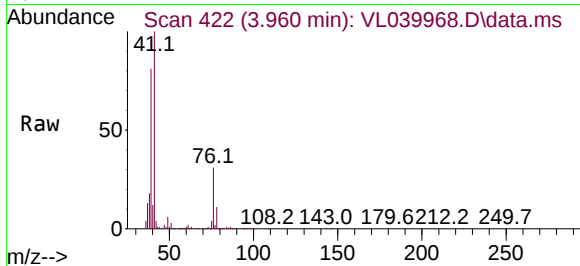




#21
 Allyl Chloride
 Concen: 7.748 ppbv
 RT: 3.960 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VL039968.D
 Acq: 2 Dec 2022 13:36

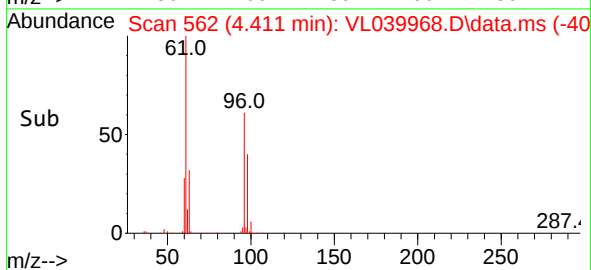
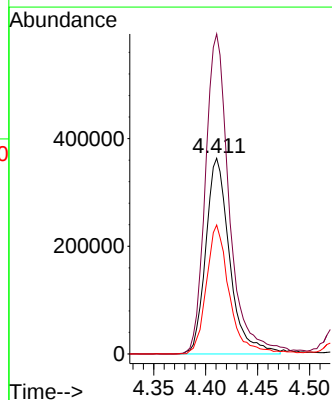
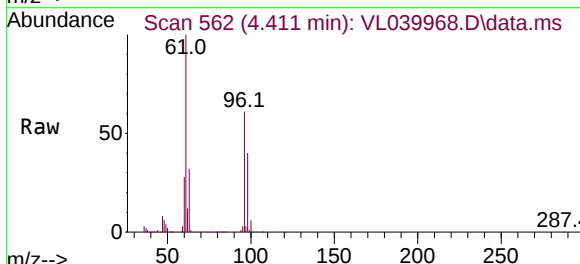
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

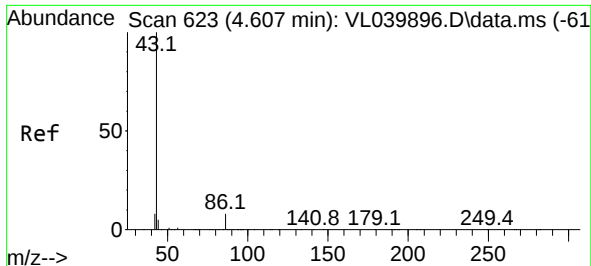
Tgt Ion: 41 Resp: 789927
 Ion Ratio Lower Upper
 41 100
 76 32.4 25.6 38.4
 39 82.9 65.2 97.8



#22
 trans-1,2-Dichloroethene
 Concen: 8.565 ppbv
 RT: 4.411 min Scan# 562
 Delta R.T. 0.000 min
 Lab File: VL039968.D
 Acq: 2 Dec 2022 13:36

Tgt Ion: 96 Resp: 582035
 Ion Ratio Lower Upper
 96 100
 61 163.4 134.1 201.1
 98 65.8 50.4 75.6

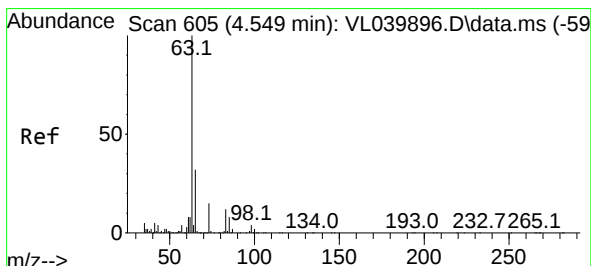
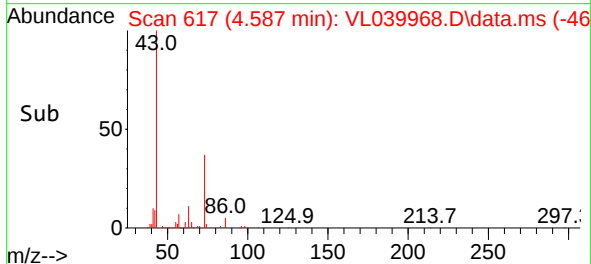
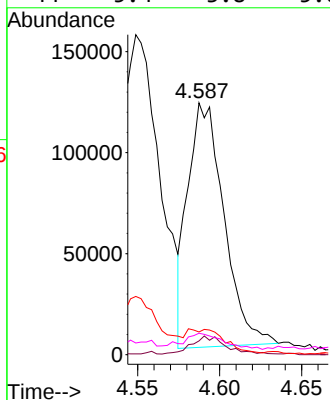
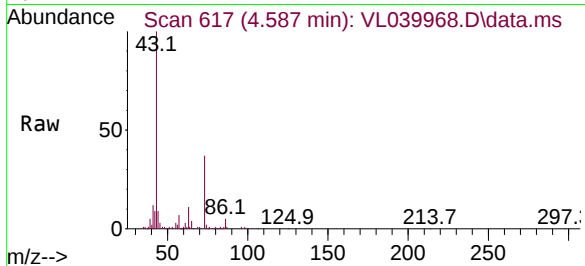




#23
 Vinyl Acetate
 Concen: 3.064 ppbv
 RT: 4.587 min Scan# 61
 Delta R.T. -0.006 min
 Lab File: VL039968.D
 Acq: 2 Dec 2022 13:36

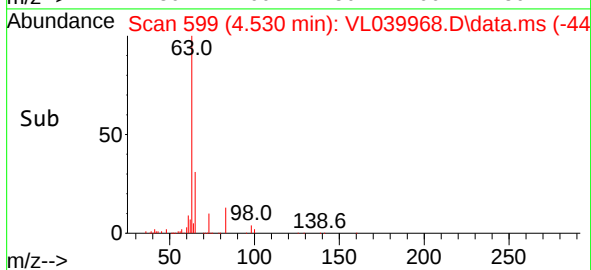
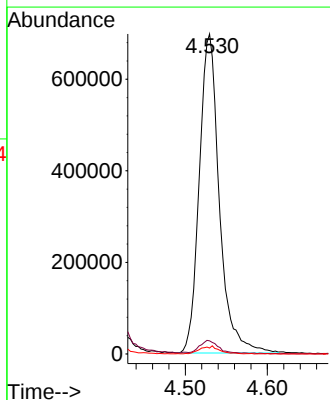
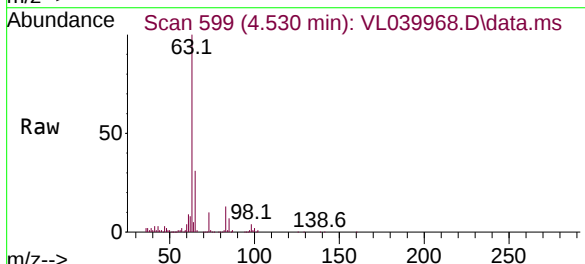
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDCCC010EC

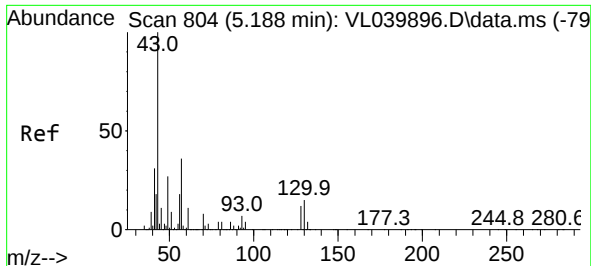
Tgt Ion: 43	Resp: 184988
Ion Ratio	Lower Upper
43 100	
86 5.4	5.0 7.4
42 8.2	7.6 11.4
44 5.4	3.8 5.6



#24
 1,1-Dichloroethane
 Concen: 8.128 ppbv
 RT: 4.530 min Scan# 599
 Delta R.T. 0.000 min
 Lab File: VL039968.D
 Acq: 2 Dec 2022 13:36

Tgt Ion: 63		Resp: 1183343	
Ion	Ratio	Lower	Upper
63	100		
98	4.0	2.1	6.5
100	1.9	1.1	3.5



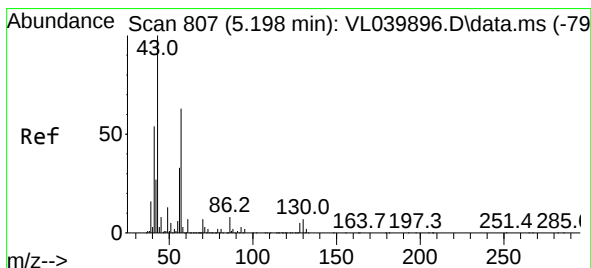
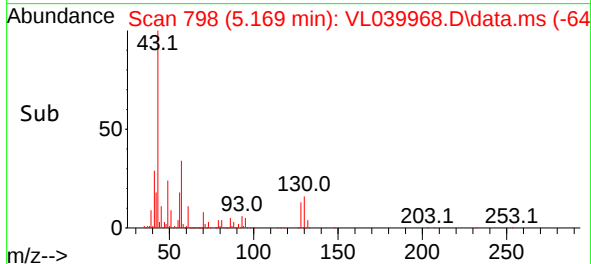
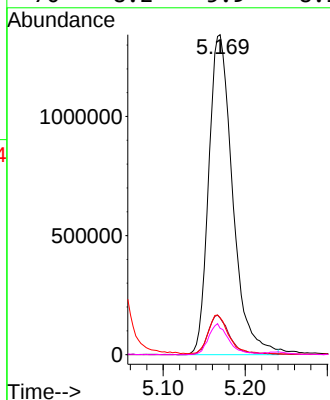
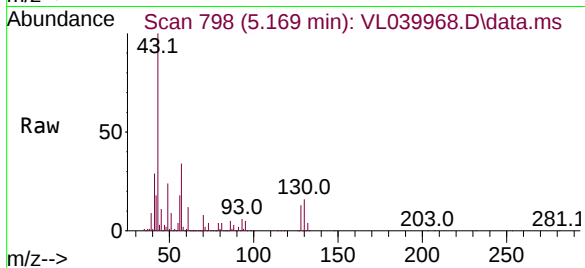


#25
Ethyl Acetate
Concen: 10.080 ppbv
RT: 5.169 min Scan# 79
Delta R.T. 0.000 min
Lab File: VL039968.D
Acq: 2 Dec 2022 13:36

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 43 Resp: 2719885

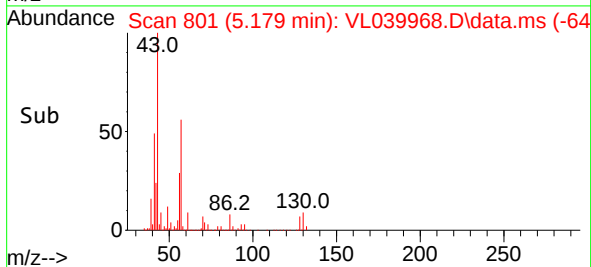
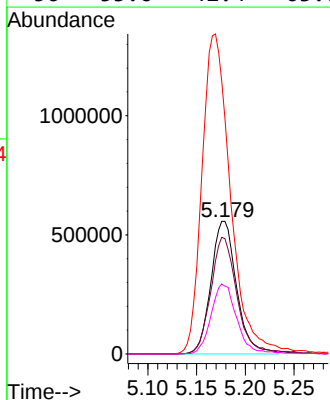
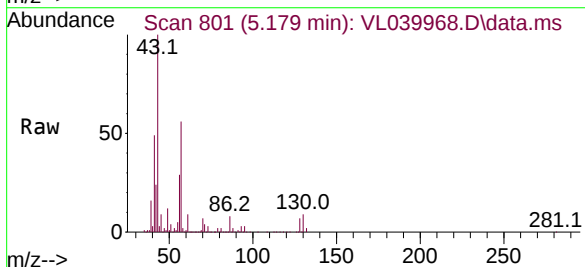
Ion	Ratio	Lower	Upper
43	100		
45	11.4	8.4	12.6
61	11.0	8.5	12.7
70	8.2	5.9	8.9

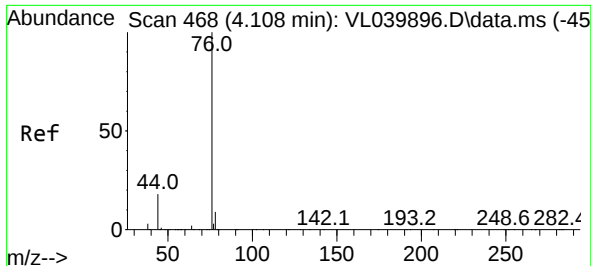


#26
Hexane
Concen: 8.620 ppbv
RT: 5.179 min Scan# 801
Delta R.T. 0.003 min
Lab File: VL039968.D
Acq: 2 Dec 2022 13:36

Tgt Ion: 57 Resp: 1016140

Ion	Ratio	Lower	Upper
57	100		
41	91.7	72.3	108.5
43	271.4	188.7	283.1
56	53.6	42.4	63.6

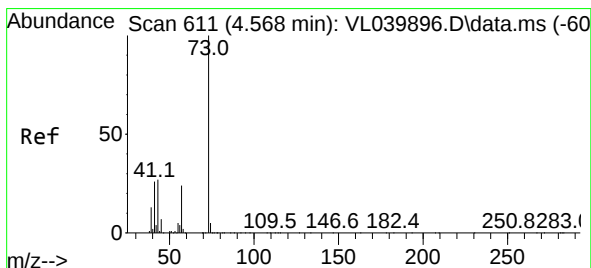
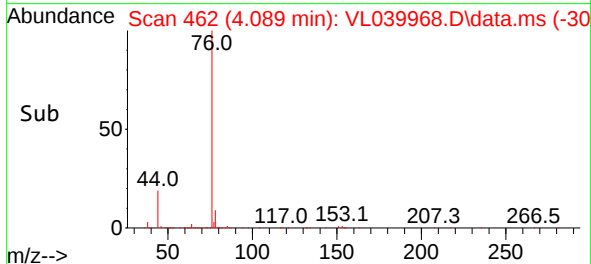
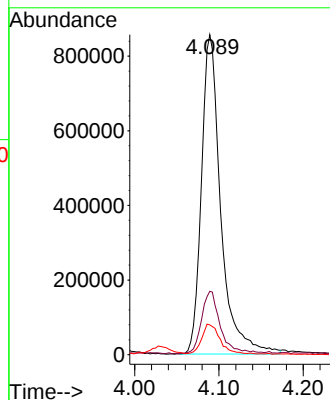
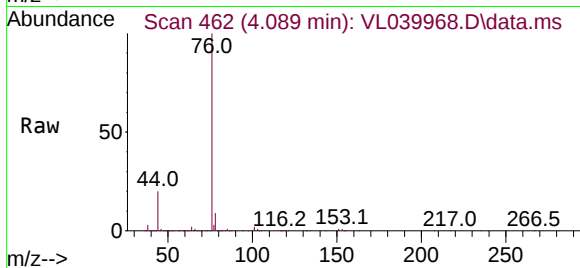




#27
Carbon Disulfide
Concen: 9.190 ppbv
RT: 4.089 min Scan# 410
Delta R.T. 0.003 min
Lab File: VL039968.D
Acq: 2 Dec 2022 13:36

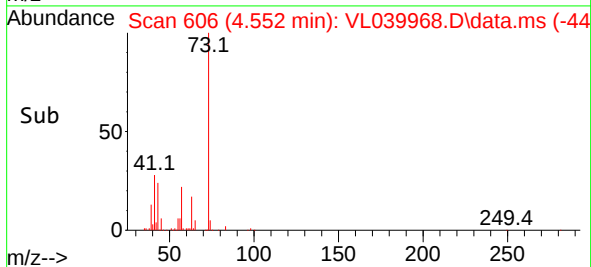
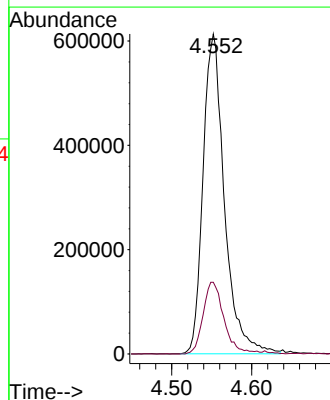
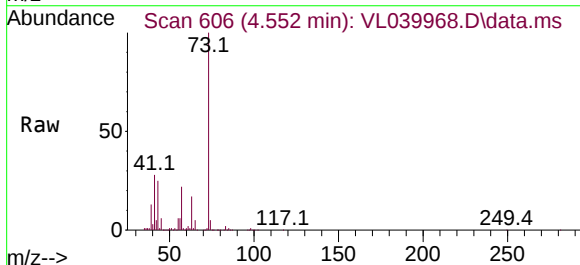
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

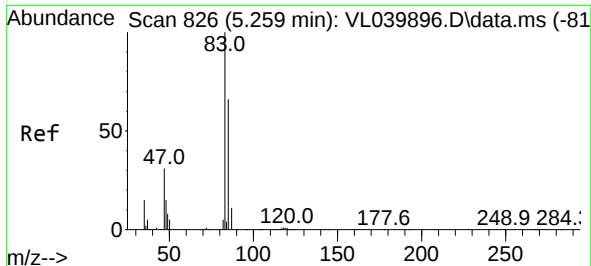
Tgt Ion: 76 Resp: 1367606
Ion Ratio Lower Upper
76 100
44 19.4 14.7 22.1
78 10.0 7.8 11.8



#28
Methyl tert-Butyl Ether
Concen: 7.733 ppbv
RT: 4.552 min Scan# 606
Delta R.T. 0.003 min
Lab File: VL039968.D
Acq: 2 Dec 2022 13:36

Tgt Ion: 73 Resp: 1141345
Ion Ratio Lower Upper
73 100
57 22.6 18.9 28.3





#29

Chloroform

Concen: 10.870 ppbv

RT: 5.240 min Scan# 81

Delta R.T. 0.003 min

Lab File: VL039968.D

Acq: 2 Dec 2022 13:36

Instrument :

MSVOA_L

ClientSampleId :

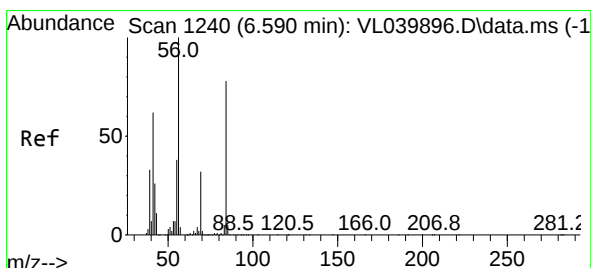
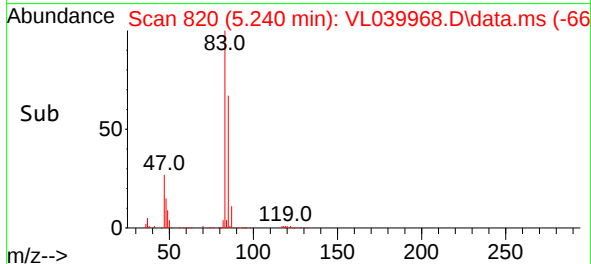
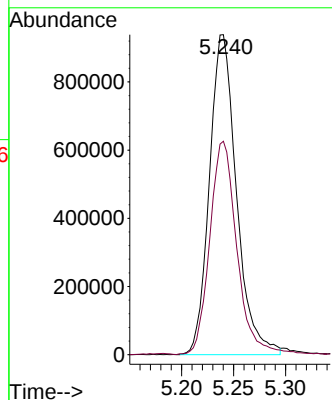
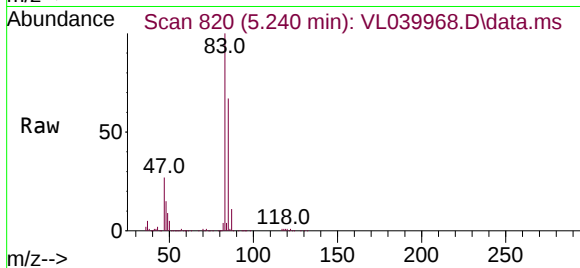
VSTDCCC010EC

Tgt Ion: 83 Resp: 1702747

Ion Ratio Lower Upper

83 100

85 66.4 52.4 78.6



#30

Cyclohexane

Concen: 7.973 ppbv

RT: 6.565 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VL039968.D

Acq: 2 Dec 2022 13:36

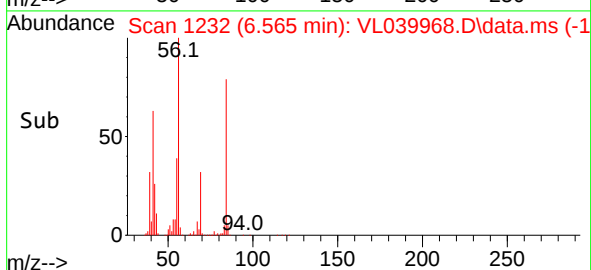
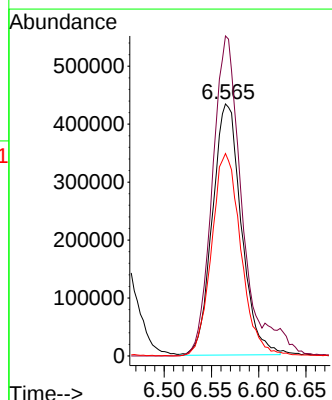
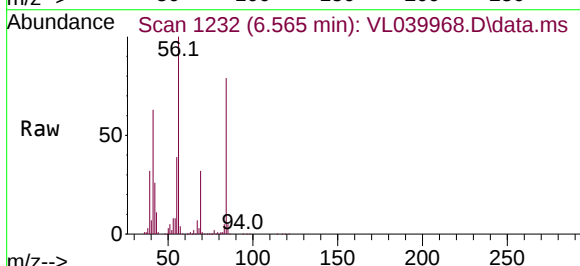
Tgt Ion: 84 Resp: 922260

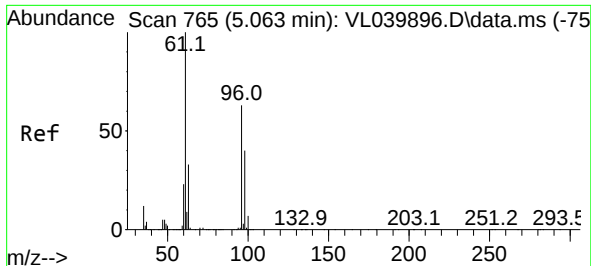
Ion Ratio Lower Upper

84 100

56 133.0 112.5 168.7

41 82.1 67.8 101.8

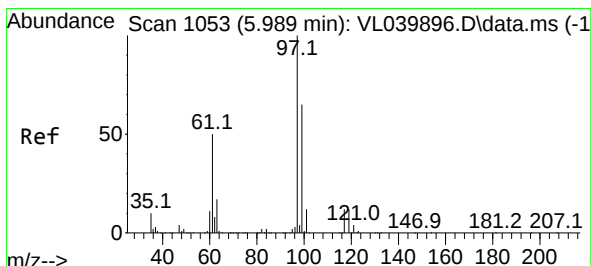
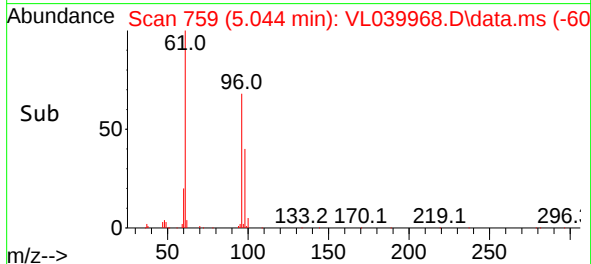
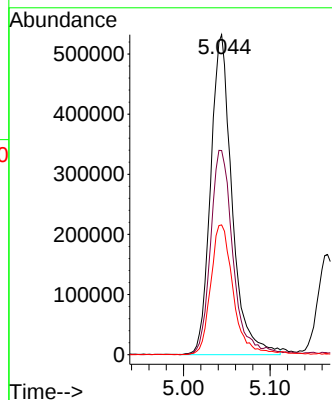
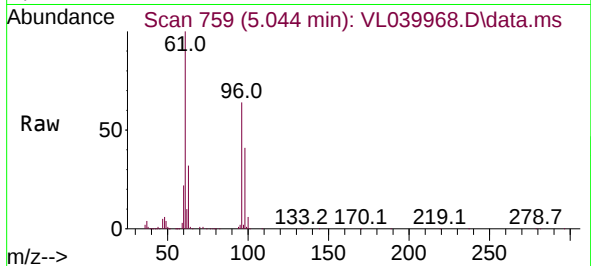




#31
 cis-1,2-Dichloroethene
 Concen: 8.398 ppbv
 RT: 5.044 min Scan# 71
 Delta R.T. 0.003 min
 Lab File: VL039968.D
 Acq: 2 Dec 2022 13:36

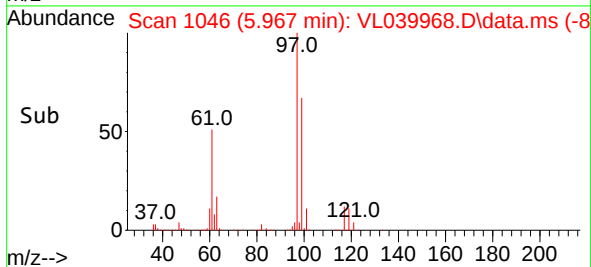
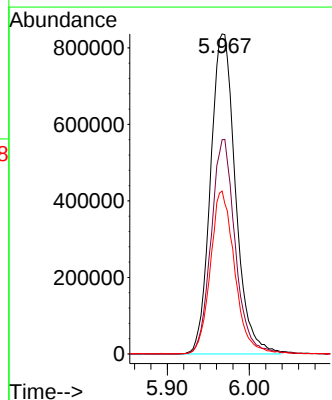
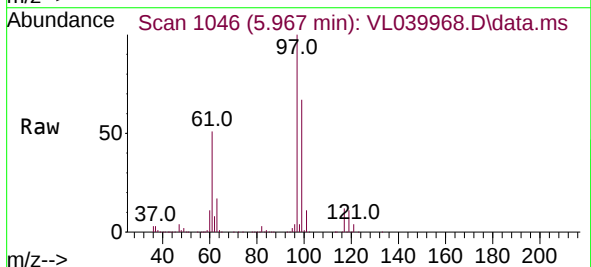
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDCCC010EC

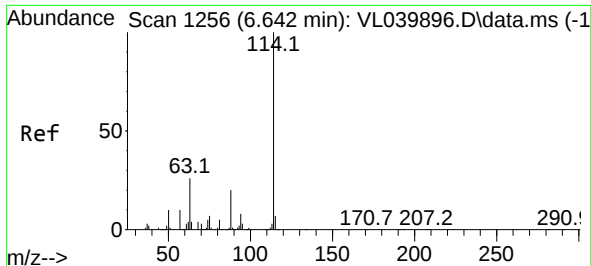
Tgt Ion: 61 Resp: 914654
 Ion Ratio Lower Upper
 61 100
 96 63.7 50.3 75.5
 98 40.6 32.2 48.2



#32
 1,1,1-Trichloroethane
 Concen: 9.049 ppbv
 RT: 5.967 min Scan# 1046
 Delta R.T. 0.000 min
 Lab File: VL039968.D
 Acq: 2 Dec 2022 13:36

Tgt Ion: 97 Resp: 1770236
 Ion Ratio Lower Upper
 97 100
 99 65.0 51.4 77.0
 61 49.7 40.7 61.1





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.616 min Scan# 114

Delta R.T. -0.003 min

Lab File: VL039968.D

Acq: 2 Dec 2022 13:36

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

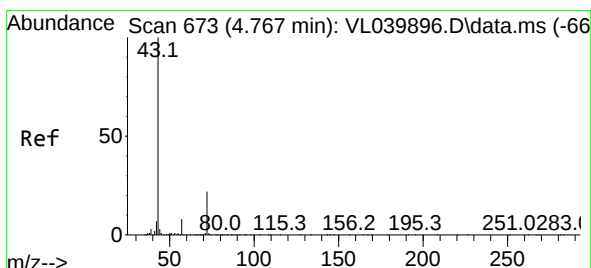
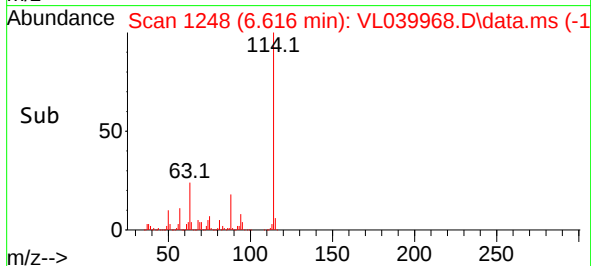
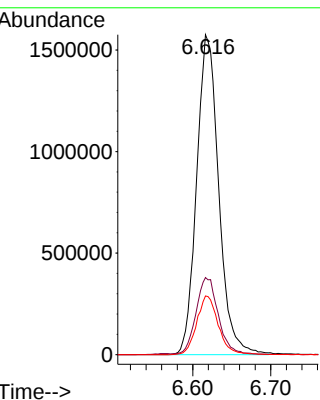
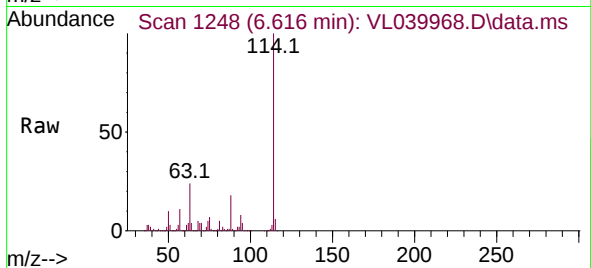
Tgt Ion:114 Resp: 3104046

Ion Ratio Lower Upper

114 100

63 24.9 21.4 32.0

88 18.0 15.3 22.9



#34

2-Butanone

Concen: 8.601 ppbv

RT: 4.751 min Scan# 668

Delta R.T. 0.000 min

Lab File: VL039968.D

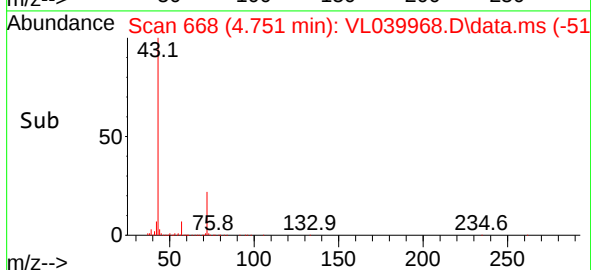
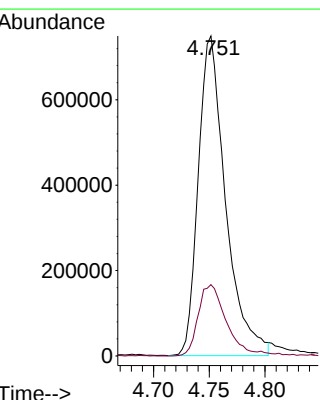
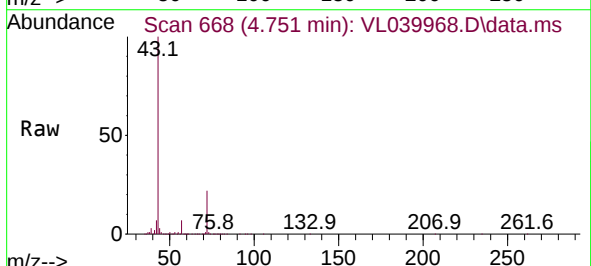
Acq: 2 Dec 2022 13:36

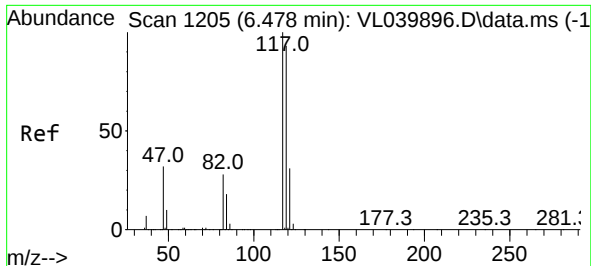
Tgt Ion: 43 Resp: 1277477

Ion Ratio Lower Upper

43 100

72 23.7 17.4 26.2

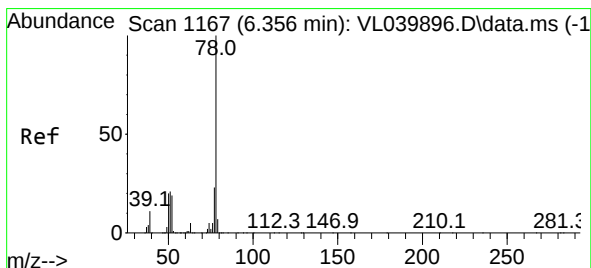
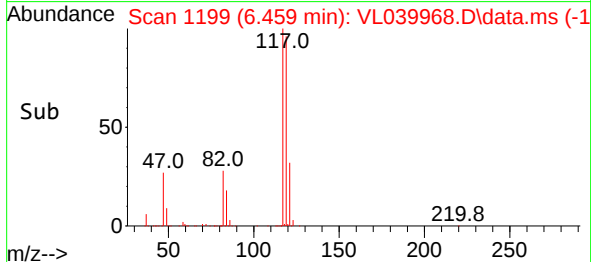
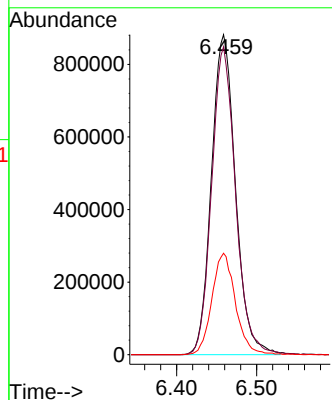
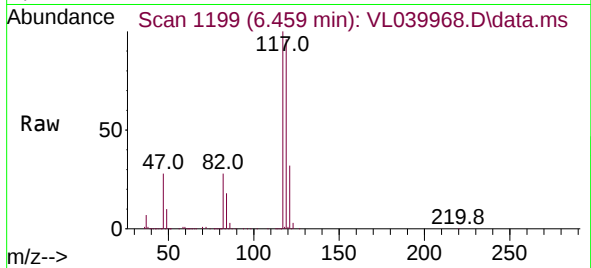




#35
Carbon Tetrachloride
Concen: 10.458 ppbv
RT: 6.459 min Scan# 1199
Delta R.T. 0.003 min
Lab File: VL039968.D
Acq: 2 Dec 2022 13:36

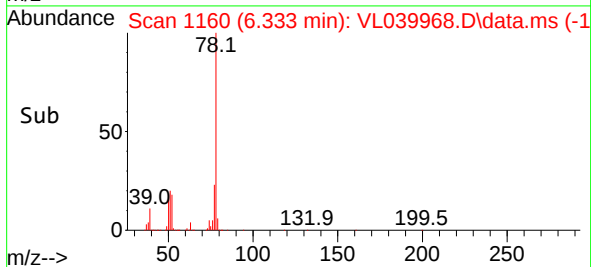
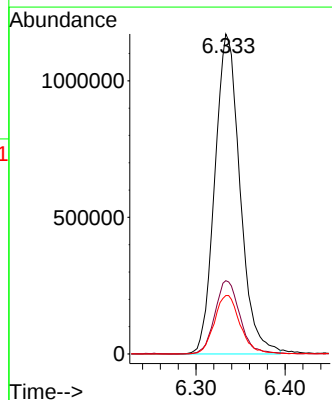
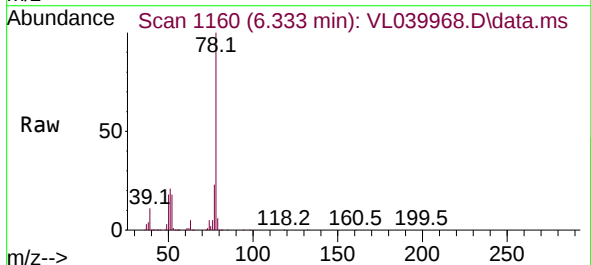
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

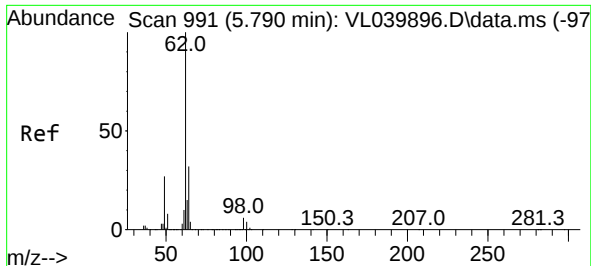
Tgt Ion:117 Resp: 1843581
Ion Ratio Lower Upper
117 100
119 96.2 74.7 112.1
121 31.7 24.5 36.7



#36
Benzene
Concen: 8.720 ppbv
RT: 6.333 min Scan# 1160
Delta R.T. 0.000 min
Lab File: VL039968.D
Acq: 2 Dec 2022 13:36

Tgt Ion: 78 Resp: 2300802
Ion Ratio Lower Upper
78 100
77 22.9 18.2 27.2
50 18.2 15.8 23.8





#37

1,2-Dichloroethane

Concen: 9.058 ppbv

RT: 5.771 min Scan# 91

Delta R.T. 0.003 min

Lab File: VL039968.D

Acq: 2 Dec 2022 13:36

Instrument :

MSVOA_L

ClientSampleId :

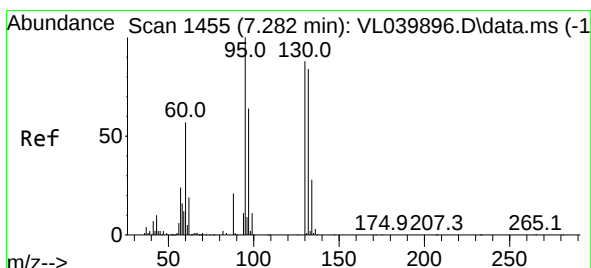
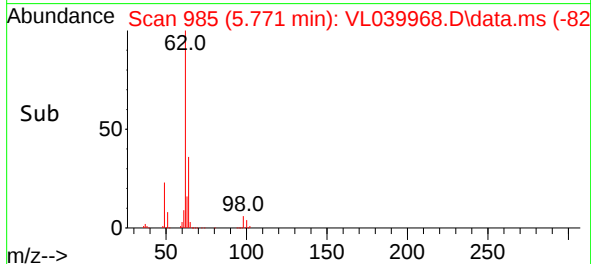
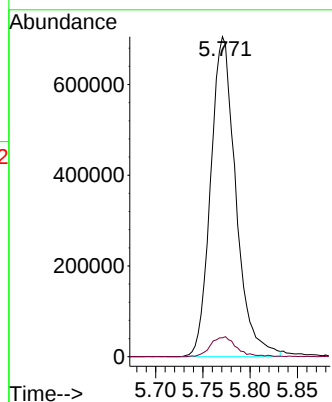
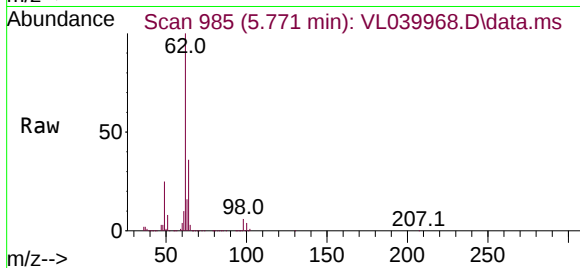
VSTDCCC010EC

Tgt Ion: 62 Resp: 1309647

Ion Ratio Lower Upper

62 100

98 6.5 5.0 7.6



#38

Trichloroethene

Concen: 7.564 ppbv

RT: 7.256 min Scan# 1447

Delta R.T. 0.000 min

Lab File: VL039968.D

Acq: 2 Dec 2022 13:36

Tgt Ion:130 Resp: 1115582

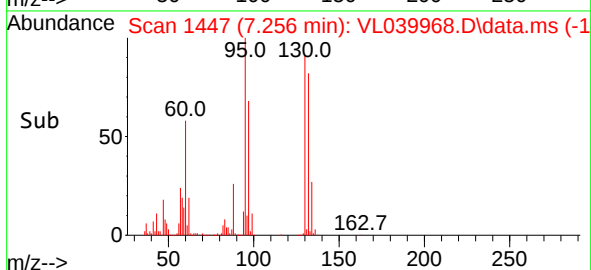
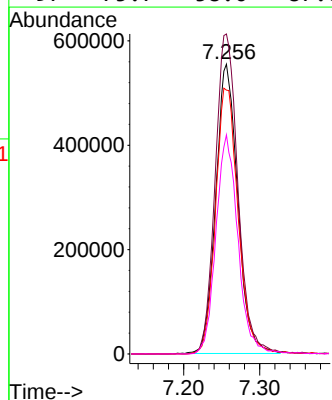
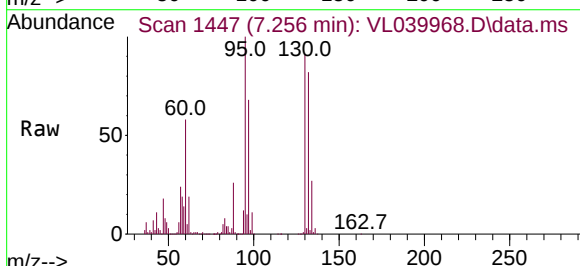
Ion Ratio Lower Upper

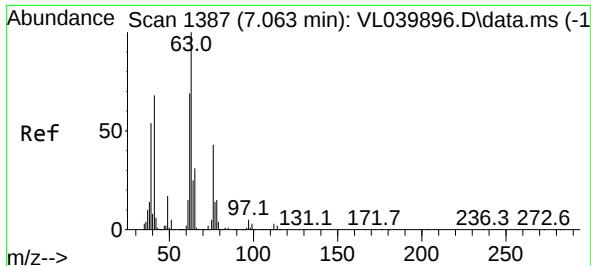
130 100

95 110.5 90.6 135.8

132 91.2 76.2 114.4

97 75.7 58.0 87.0





#39

1,2-Dichloropropane

Concen: 8.393 ppbv

RT: 7.037 min Scan# 11

Delta R.T. 0.003 min

Lab File: VL039968.D

Acq: 2 Dec 2022 13:36

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

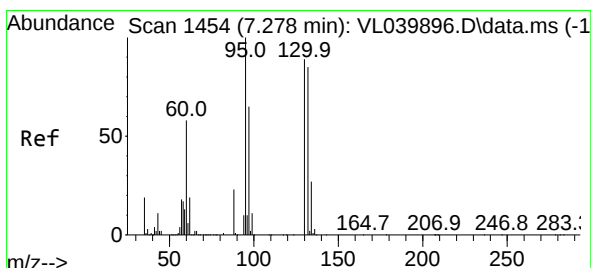
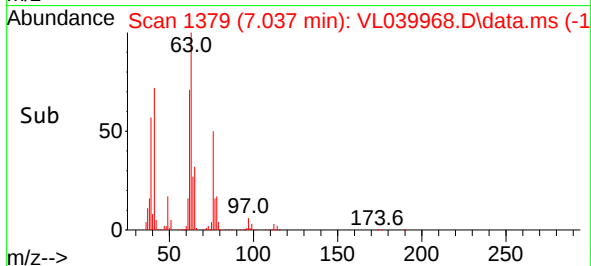
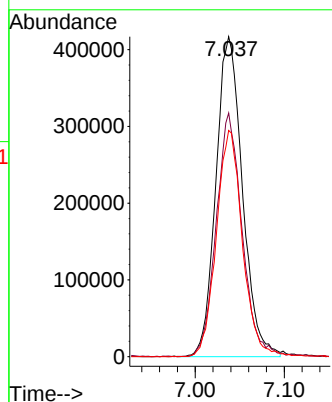
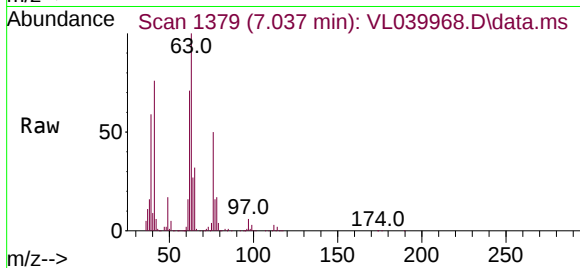
Tgt Ion: 63 Resp: 862808

Ion Ratio Lower Upper

63 100

41 76.0 54.7 82.1

62 70.6 55.0 82.6



#40

1,4-Dioxane

Concen: 9.004 ppbv

RT: 7.253 min Scan# 1446

Delta R.T. 0.000 min

Lab File: VL039968.D

Acq: 2 Dec 2022 13:36

Tgt Ion: 88 Resp: 368704

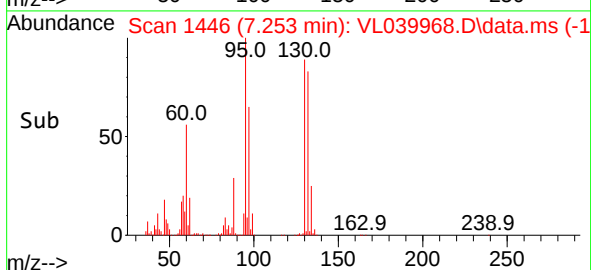
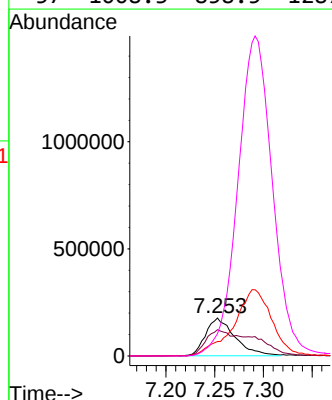
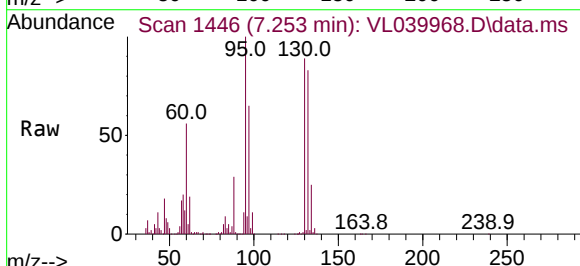
Ion Ratio Lower Upper

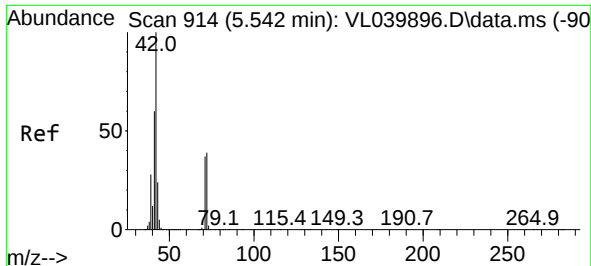
88 100

58 118.1 100.5 150.7

43 231.2 195.8 293.8

57 1008.3 858.5 1287.7





#41

Tetrahydrofuran

Concen: 8.591 ppbv

RT: 5.523 min Scan# 90

Delta R.T. 0.003 min

Lab File: VL039968.D

Acq: 2 Dec 2022 13:36

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

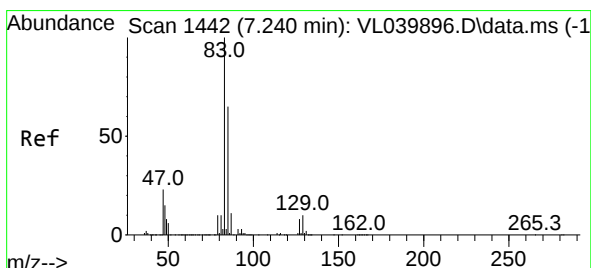
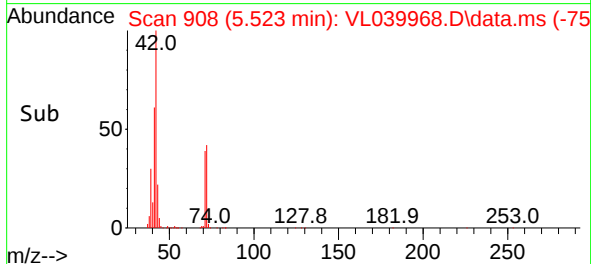
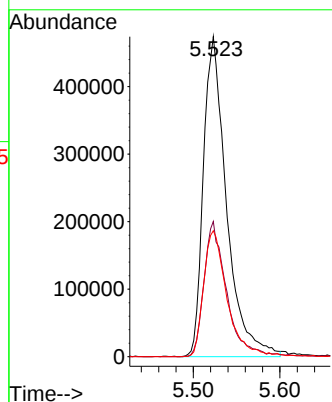
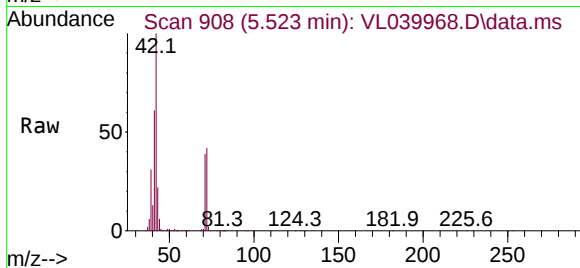
Tgt Ion: 42 Resp: 880936

Ion Ratio Lower Upper

42 100

72 41.6 31.6 47.4

71 40.2 31.2 46.8



#42

Bromodichloromethane

Concen: 9.896 ppbv

RT: 7.211 min Scan# 1433

Delta R.T. 0.000 min

Lab File: VL039968.D

Acq: 2 Dec 2022 13:36

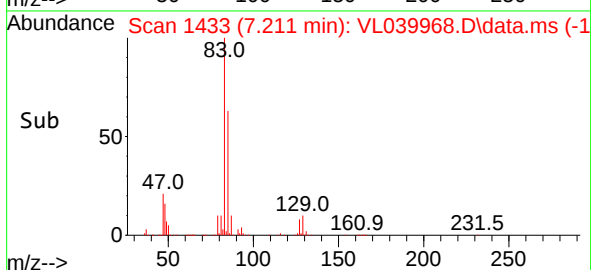
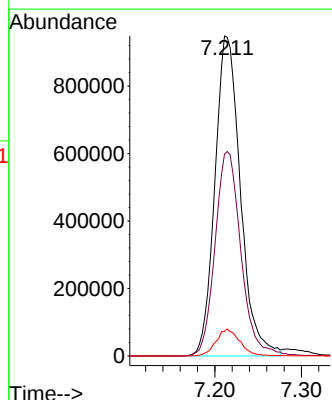
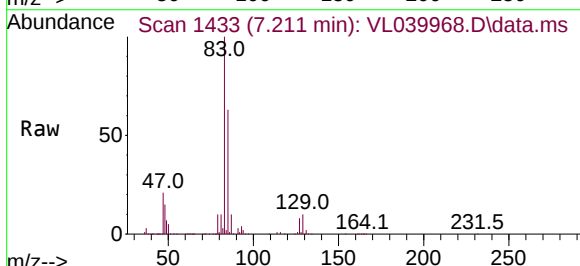
Tgt Ion: 83 Resp: 1940463

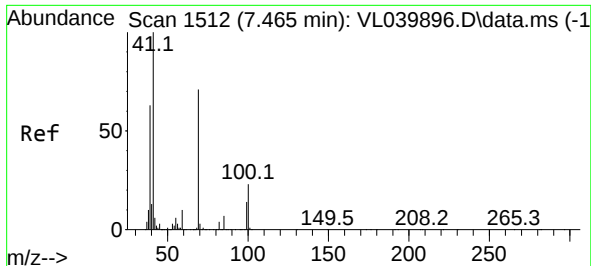
Ion Ratio Lower Upper

83 100

85 63.1 52.0 78.0

127 7.7 6.5 9.7

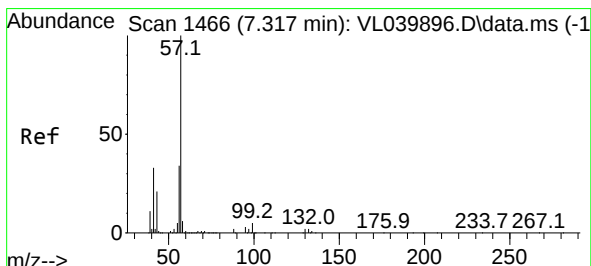
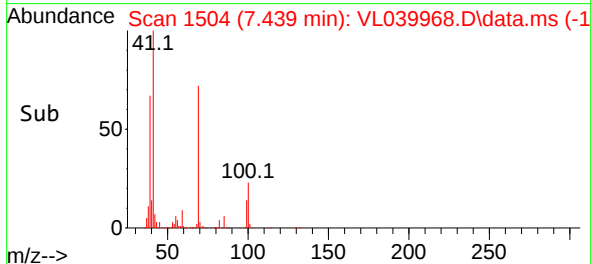
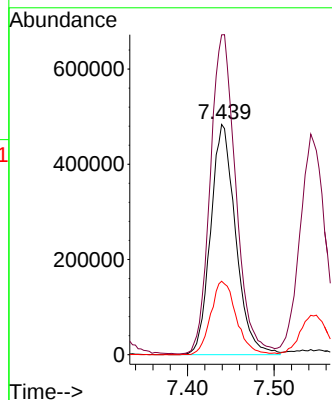
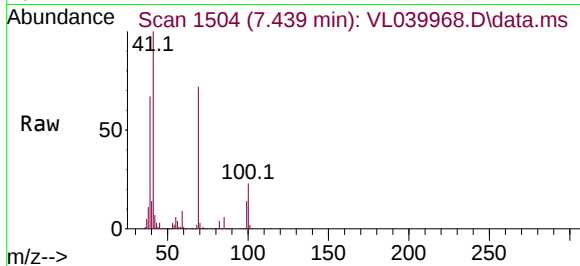




#43
Methyl Methacrylate
Concen: 9.380 ppbv
RT: 7.439 min Scan# 11
Delta R.T. 0.000 min
Lab File: VL039968.D
Acq: 2 Dec 2022 13:36

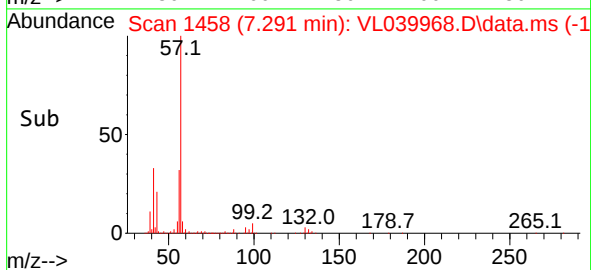
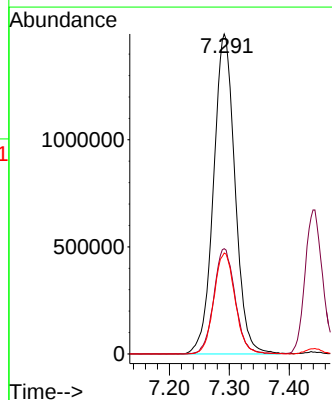
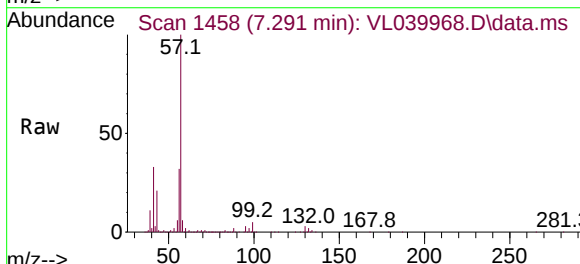
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

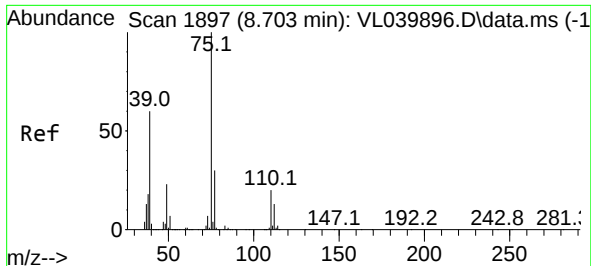
Tgt Ion: 69 Resp: 970255
Ion Ratio Lower Upper
69 100
41 142.4 116.4 174.6
100 32.6 26.8 40.2



#44
2,2,4-Trimethylpentane
Concen: 8.434 ppbv
RT: 7.291 min Scan# 1458
Delta R.T. 0.000 min
Lab File: VL039968.D
Acq: 2 Dec 2022 13:36

Tgt Ion: 57 Resp: 3714906
Ion Ratio Lower Upper
57 100
41 32.7 26.2 39.2
56 31.2 25.5 38.3





#45

t-1,3-Dichloropropene

Concen: 8.799 ppbv

RT: 8.677 min Scan# 11

Delta R.T. 0.003 min

Lab File: VL039968.D

Acq: 2 Dec 2022 13:36

Instrument :

MSVOA_1

ClientSampleId :

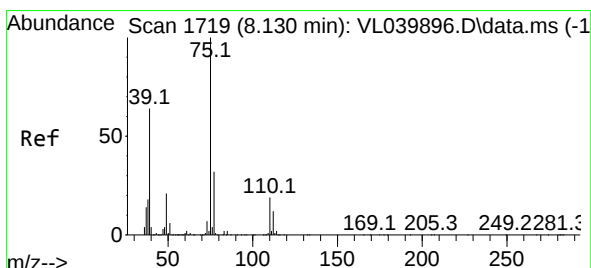
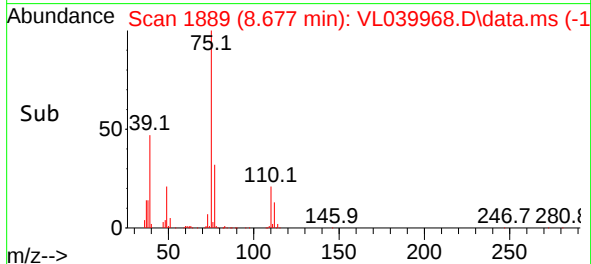
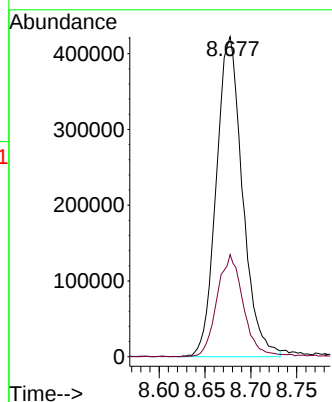
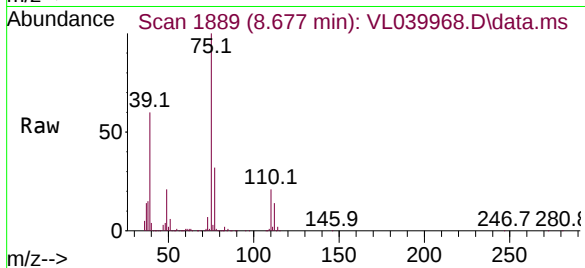
VSTDCCC010EC

Tgt Ion: 75 Resp: 840948

Ion Ratio Lower Upper

75 100

77 31.9 24.2 36.4



#46

cis-1,3-Dichloropropene

Concen: 8.692 ppbv

RT: 8.108 min Scan# 1712

Delta R.T. 0.000 min

Lab File: VL039968.D

Acq: 2 Dec 2022 13:36

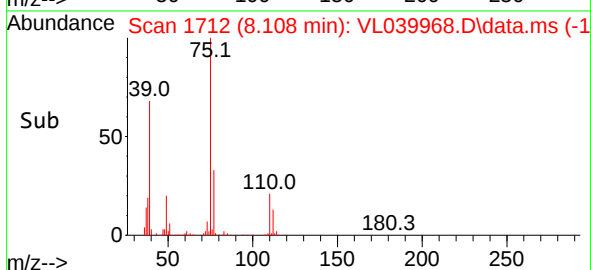
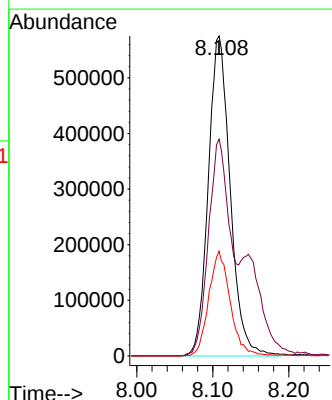
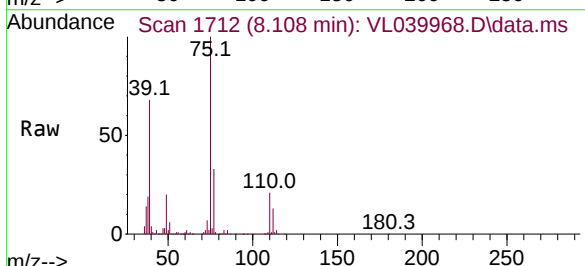
Tgt Ion: 75 Resp: 1150835

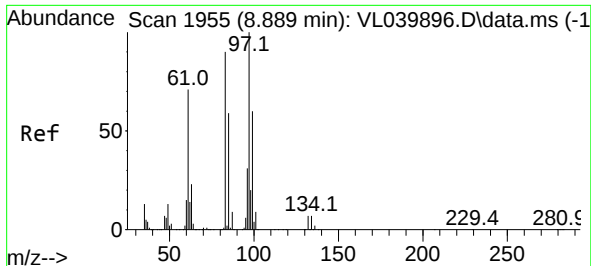
Ion Ratio Lower Upper

75 100

39 67.7 51.0 76.4

77 32.8 25.4 38.0





#47

1,1,2-Trichloroethane

Concen: 9.237 ppbv

RT: 8.864 min Scan# 1955

Delta R.T. 0.000 min

Lab File: VL039968.D

Acq: 2 Dec 2022 13:36

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 97 Resp: 975860

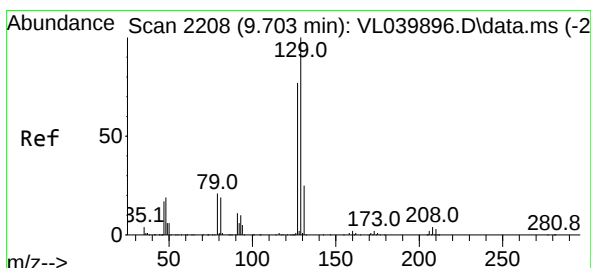
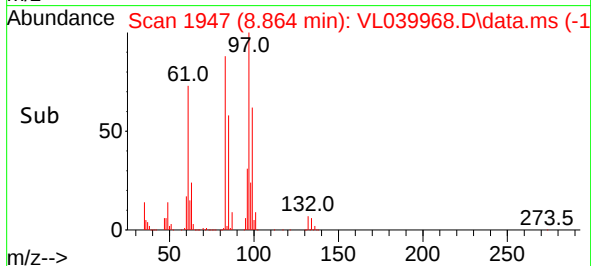
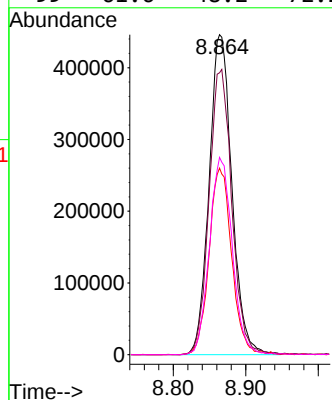
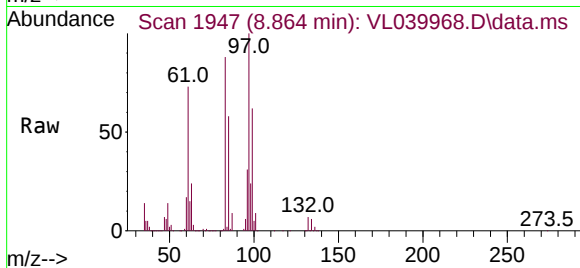
Ion Ratio Lower Upper

97 100

83 88.1 72.1 108.1

85 58.3 47.2 70.8

99 61.6 48.2 72.2



#48

Dibromochloromethane

Concen: 10.567 ppbv

RT: 9.677 min Scan# 2200

Delta R.T. 0.000 min

Lab File: VL039968.D

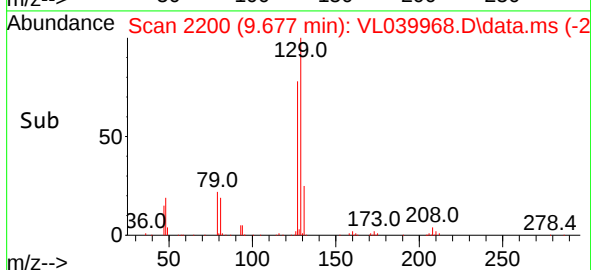
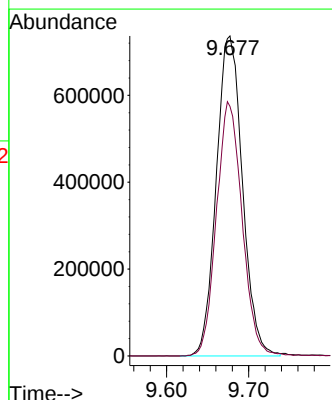
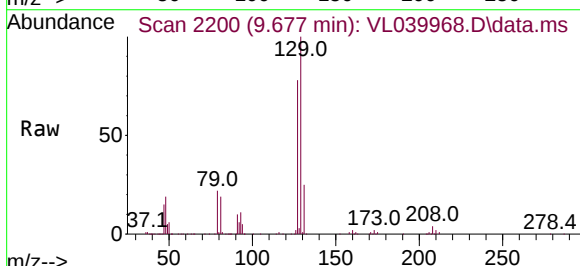
Acq: 2 Dec 2022 13:36

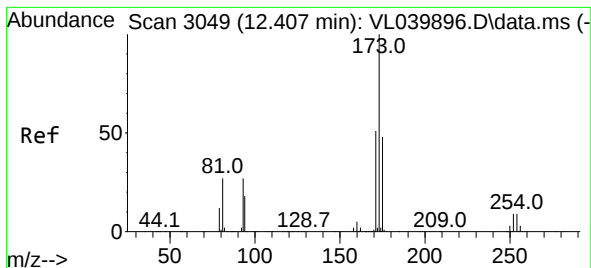
Tgt Ion: 129 Resp: 1635187

Ion Ratio Lower Upper

129 100

127 78.2 39.1 117.3





#49

Bromoform

Concen: 10.498 ppbv

RT: 12.375 min Scan# 3049

Delta R.T. 0.000 min

Lab File: VL039968.D

Acq: 2 Dec 2022 13:36

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

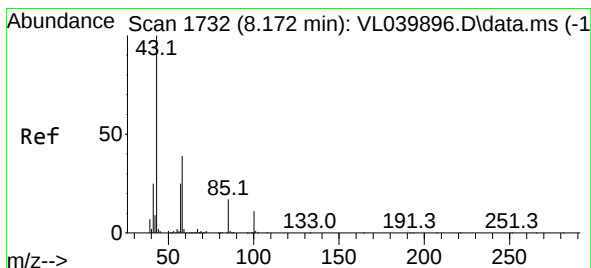
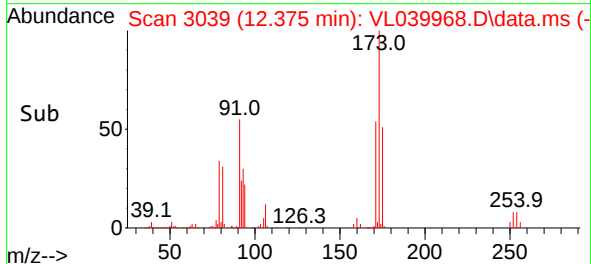
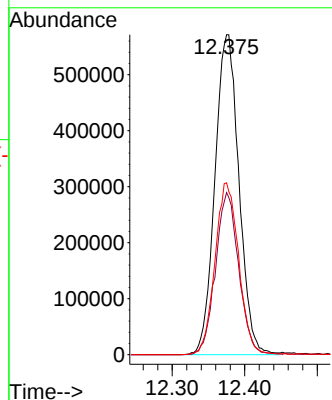
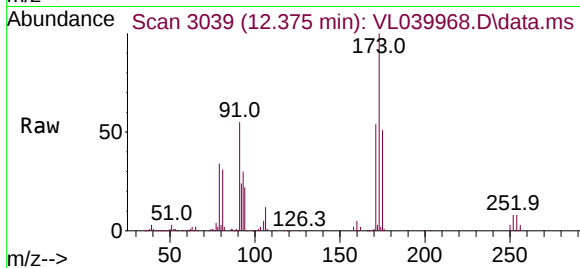
Tgt Ion:173 Resp: 1314975

Ion Ratio Lower Upper

173 100

175 49.0 39.1 58.7

171 53.5 41.8 62.8



#50

4-Methyl-2-Pentanone

Concen: 8.674 ppbv

RT: 8.147 min Scan# 1724

Delta R.T. 0.000 min

Lab File: VL039968.D

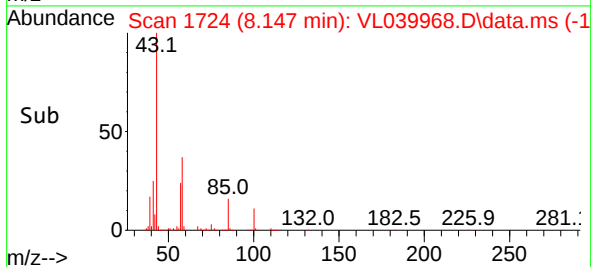
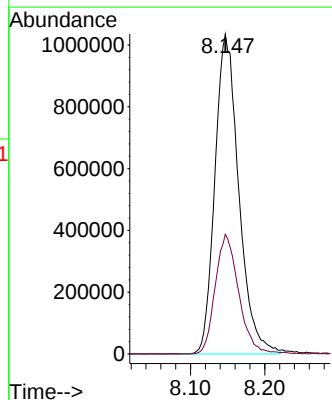
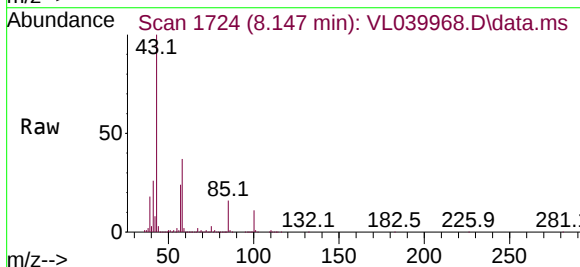
Acq: 2 Dec 2022 13:36

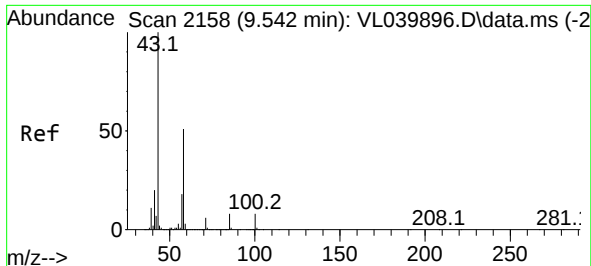
Tgt Ion: 43 Resp: 2307241

Ion Ratio Lower Upper

43 100

58 36.9 29.8 44.6

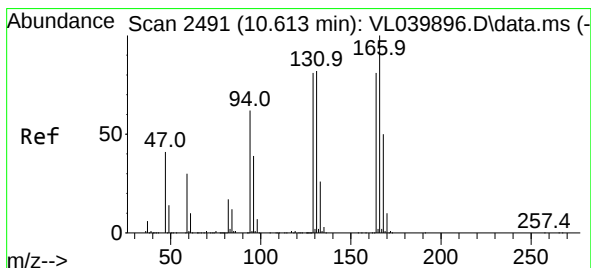
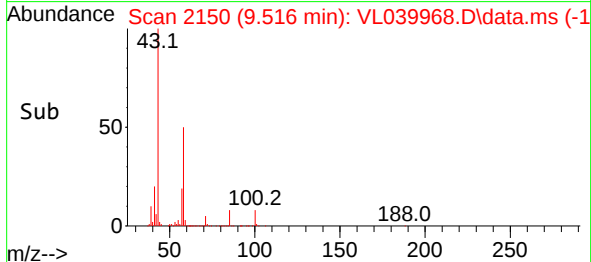
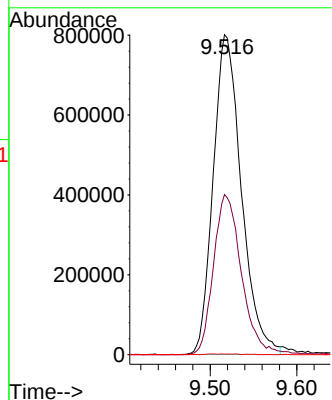
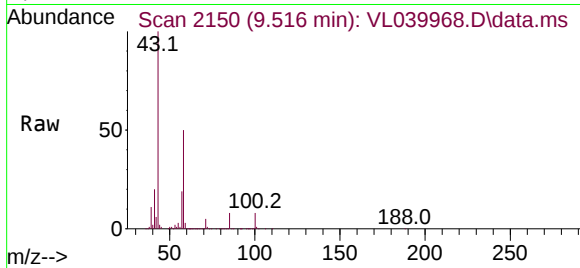




#51
2-Hexanone
Concen: 8.767 ppbv
RT: 9.516 min Scan# 2158
Delta R.T. 0.000 min
Lab File: VL039968.D
Acq: 2 Dec 2022 13:36

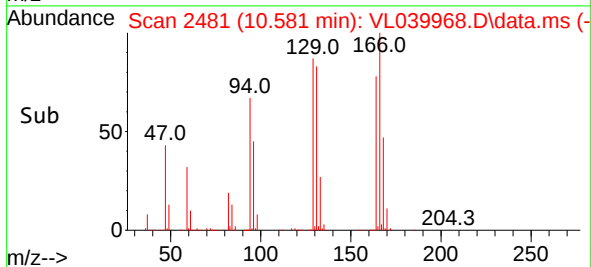
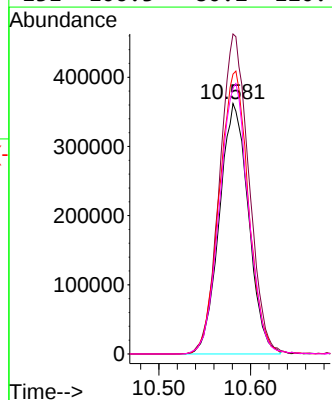
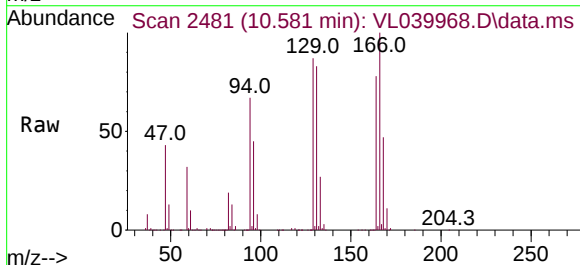
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

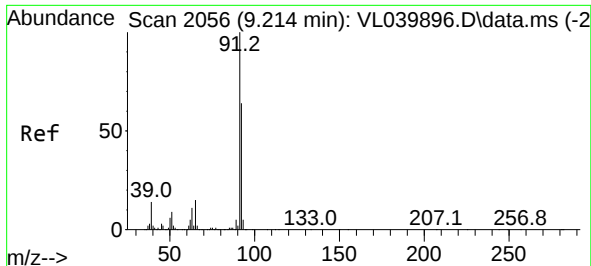
Tgt Ion: 43 Resp: 1810311
Ion Ratio Lower Upper
43 100
58 50.1 40.2 60.4
98 0.3 0.1 0.1#



#52
Tetrachloroethene
Concen: 8.066 ppbv
RT: 10.581 min Scan# 2481
Delta R.T. 0.000 min
Lab File: VL039968.D
Acq: 2 Dec 2022 13:36

Tgt Ion: 164 Resp: 796115
Ion Ratio Lower Upper
164 100
166 127.7 98.3 147.5
129 111.7 79.7 119.5
131 106.3 80.2 120.4

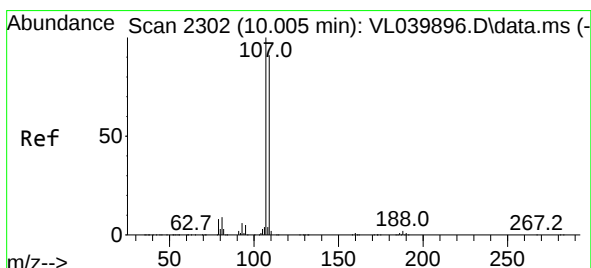
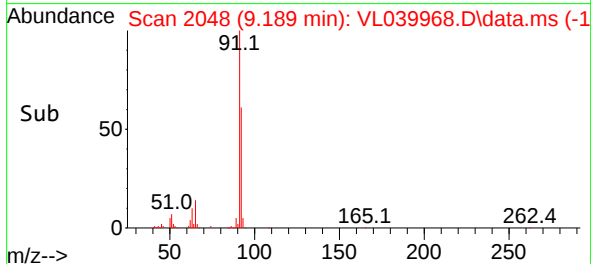
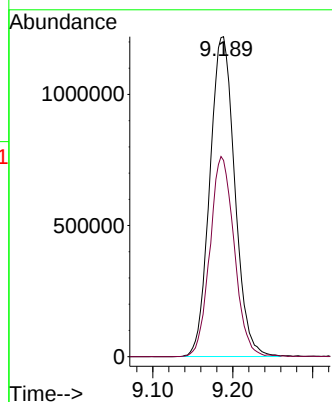
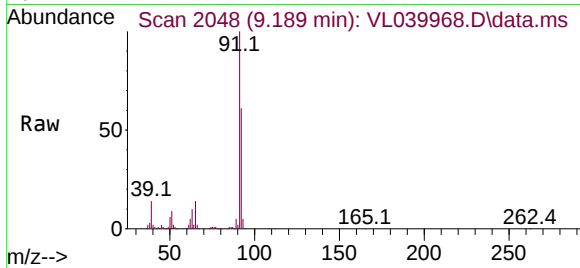




#53
Toluene
Concen: 8.787 ppbv
RT: 9.189 min Scan# 2056
Delta R.T. 0.003 min
Lab File: VL039968.D
Acq: 2 Dec 2022 13:36

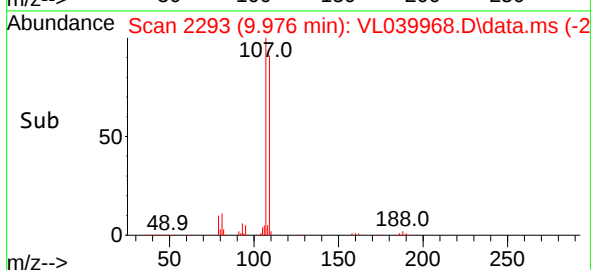
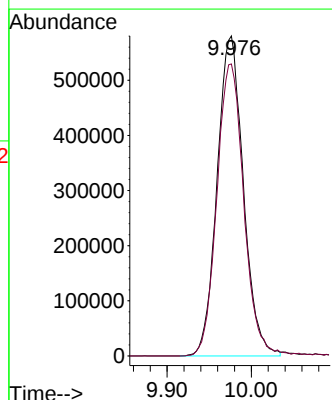
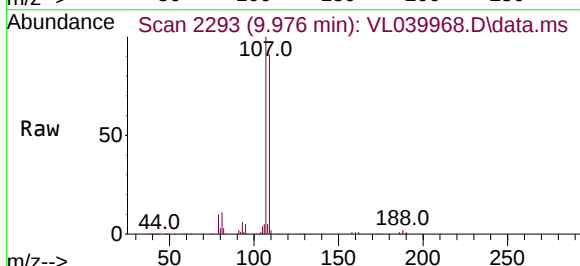
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

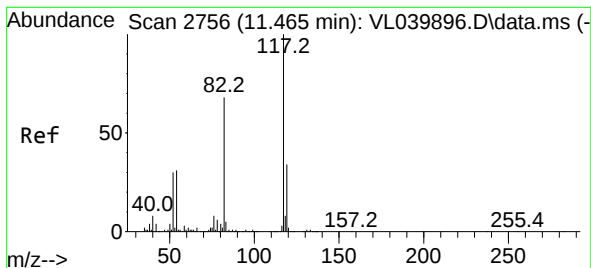
Tgt Ion: 91 Resp: 2641160
Ion Ratio Lower Upper
91 100
92 61.4 49.8 74.6



#54
1,2-Dibromoethane
Concen: 11.120 ppbv
RT: 9.976 min Scan# 2293
Delta R.T. 0.003 min
Lab File: VL039968.D
Acq: 2 Dec 2022 13:36

Tgt Ion: 107 Resp: 1253750
Ion Ratio Lower Upper
107 100
109 91.2 72.8 109.2

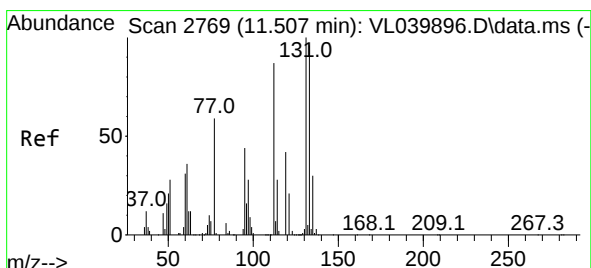
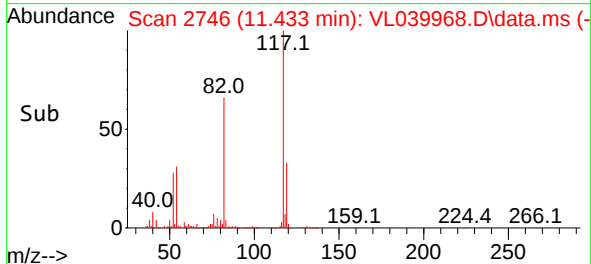
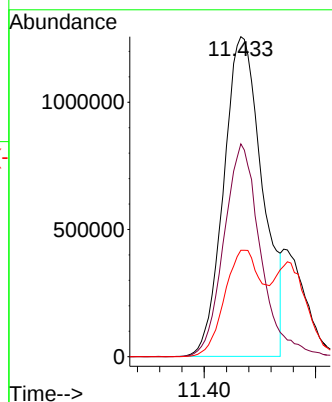
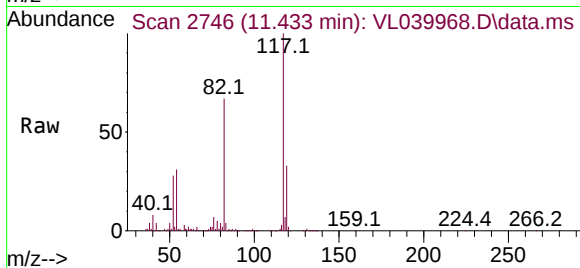




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.433 min Scan# 21
Delta R.T. 0.000 min
Lab File: VL039968.D
Acq: 2 Dec 2022 13:36

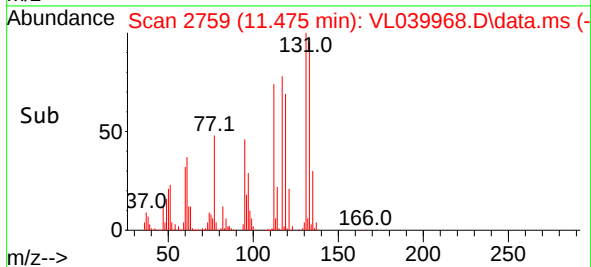
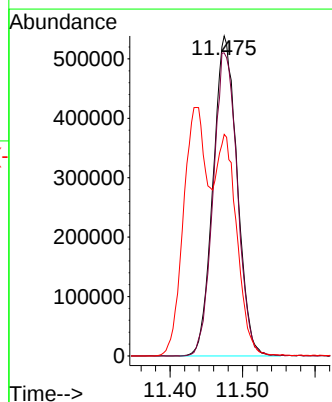
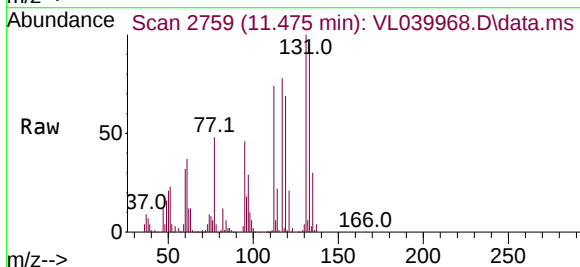
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

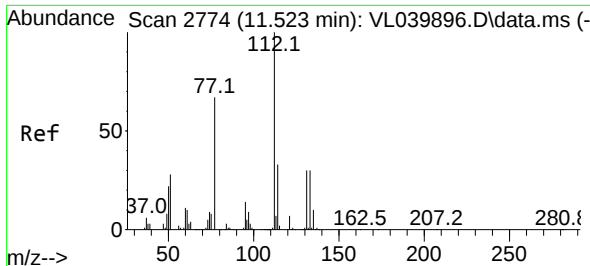
Tgt Ion:117 Resp: 3048560
Ion Ratio Lower Upper
117 100
82 63.4 52.3 78.5
119 32.6 25.7 38.5



#56
1,1,1,2-Tetrachloroethane
Concen: 9.954 ppbv
RT: 11.475 min Scan# 2759
Delta R.T. 0.000 min
Lab File: VL039968.D
Acq: 2 Dec 2022 13:36

Tgt Ion:131 Resp: 1240456
Ion Ratio Lower Upper
131 100
133 95.5 76.7 115.1
119 64.3 46.6 69.8

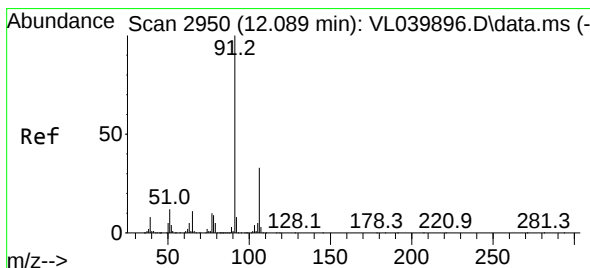
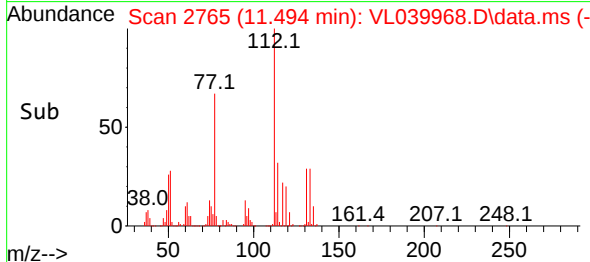
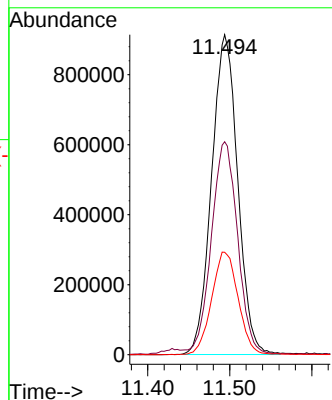
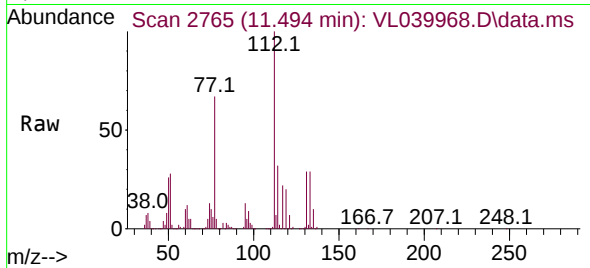




#57
Chlorobenzene
Concen: 8.683 ppbv
RT: 11.494 min Scan# 21
Delta R.T. 0.003 min
Lab File: VL039968.D
Acq: 2 Dec 2022 13:36

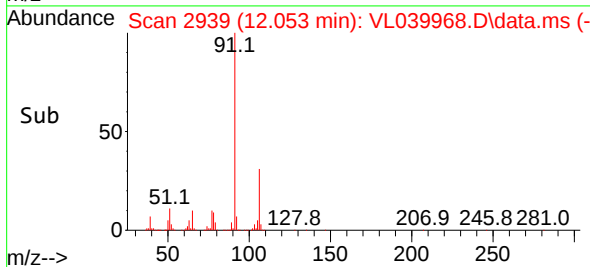
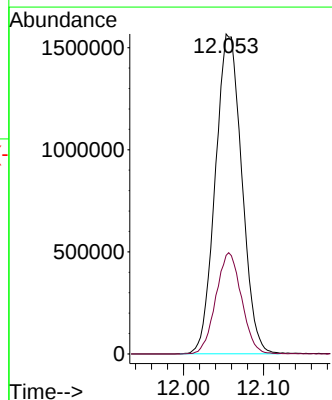
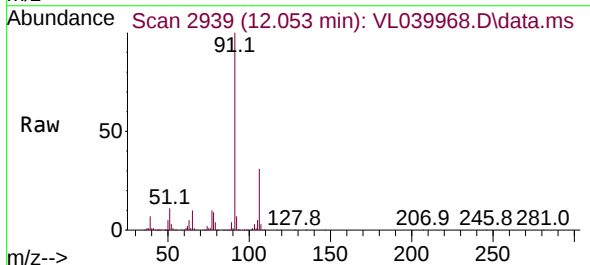
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

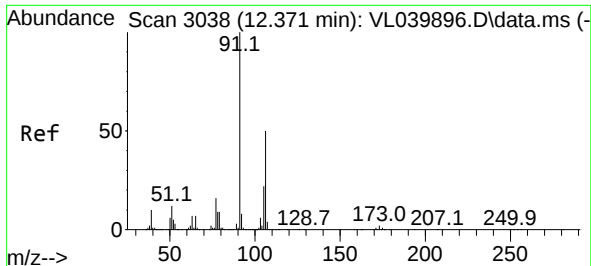
Tgt Ion:112 Resp: 2023951
Ion Ratio Lower Upper
112 100
77 66.3 54.6 81.8
114 31.9 30.1 36.7



#58
Ethyl Benzene
Concen: 8.683 ppbv
RT: 12.053 min Scan# 2939
Delta R.T. -0.003 min
Lab File: VL039968.D
Acq: 2 Dec 2022 13:36

Tgt Ion: 91 Resp: 3591185
Ion Ratio Lower Upper
91 100
106 30.8 26.1 39.1





#59

m/p-Xylene

Concen: 9.906 ppbv

RT: 12.340 min Scan# 3038

Delta R.T. 0.000 min

Lab File: VL039968.D

Acq: 2 Dec 2022 13:36

Instrument :

MSVOA_L

ClientSampleId :

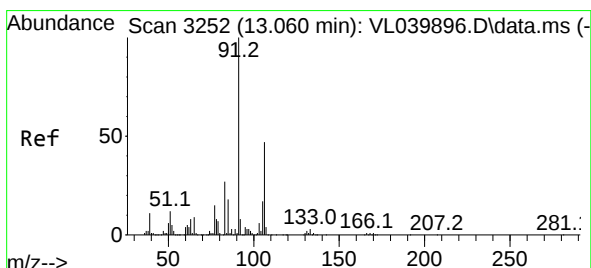
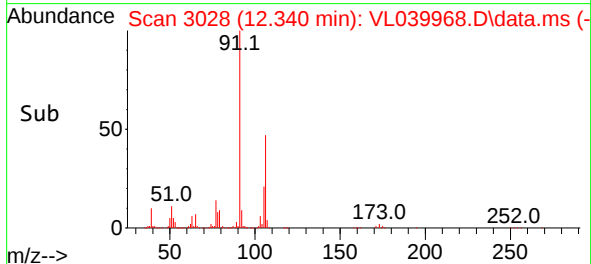
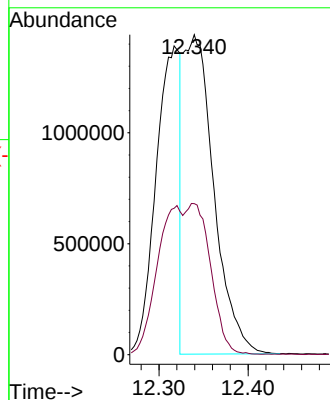
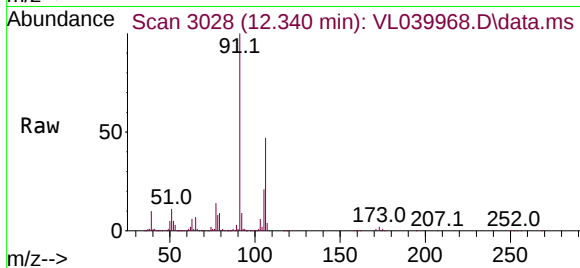
VSTDCCC010EC

Tgt Ion: 91 Resp: 3428976

Ion Ratio Lower Upper

91 100

106 78.6 37.0 55.6#



#60

o-Xylene

Concen: 8.791 ppbv

RT: 13.028 min Scan# 3242

Delta R.T. 0.000 min

Lab File: VL039968.D

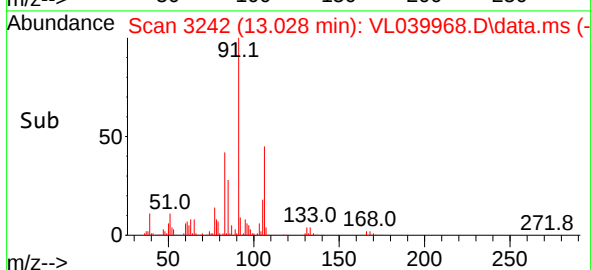
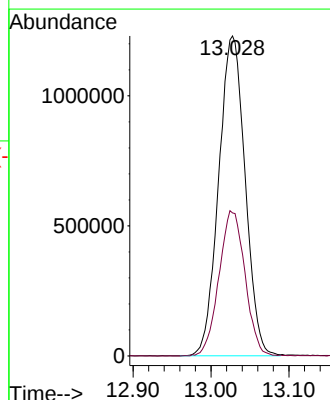
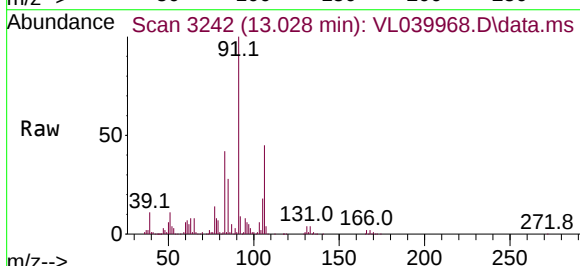
Acq: 2 Dec 2022 13:36

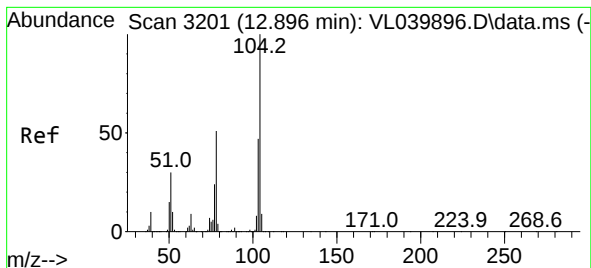
Tgt Ion: 91 Resp: 2902038

Ion Ratio Lower Upper

91 100

106 44.8 23.2 69.6





#61

Styrene

Concen: 8.717 ppbv

RT: 12.864 min Scan# 3191

Delta R.T. 0.000 min

Lab File: VL039968.D

Acq: 2 Dec 2022 13:36

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

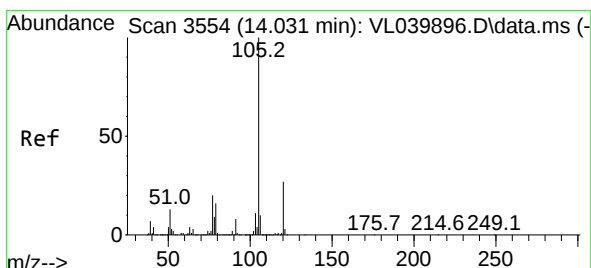
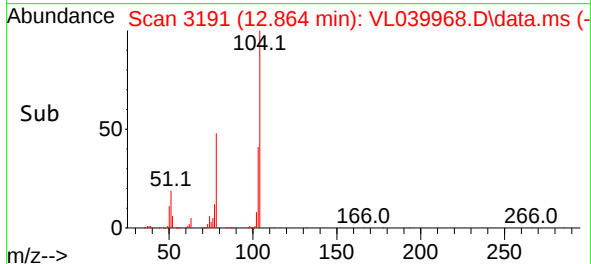
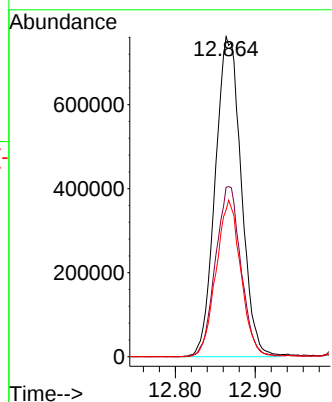
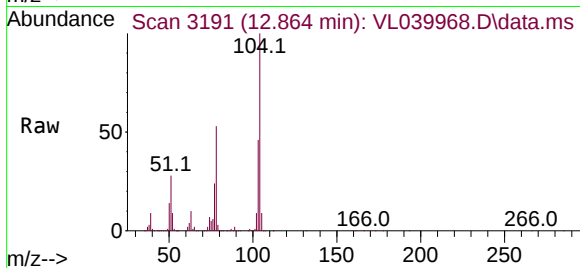
Tgt Ion:104 Resp: 1717629

Ion Ratio Lower Upper

104 100

78 52.4 41.8 62.8

103 47.0 37.2 55.8



#62

Isopropylbenzene

Concen: 9.184 ppbv

RT: 13.999 min Scan# 3544

Delta R.T. 0.003 min

Lab File: VL039968.D

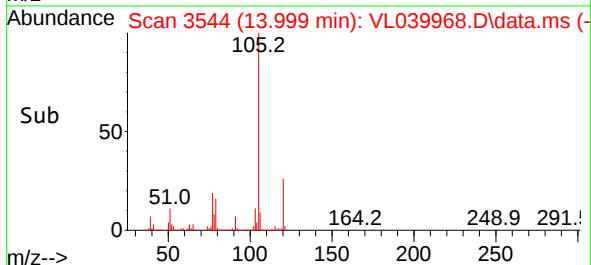
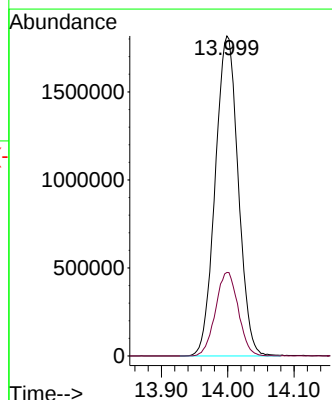
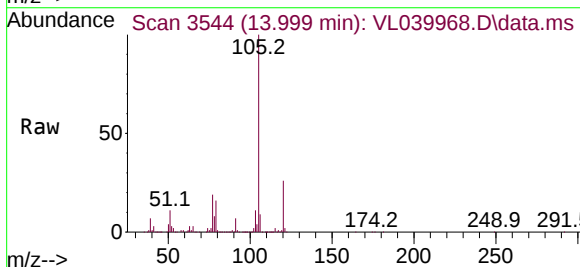
Acq: 2 Dec 2022 13:36

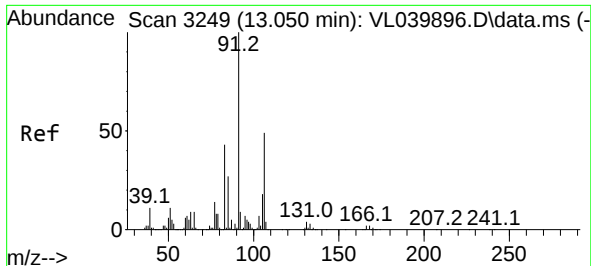
Tgt Ion:105 Resp: 4371733

Ion Ratio Lower Upper

105 100

120 25.9 21.4 32.2

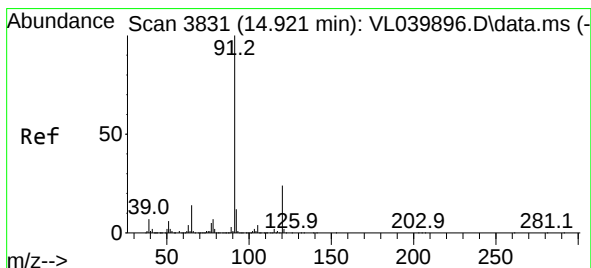
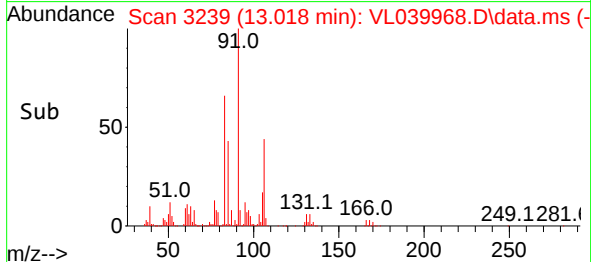
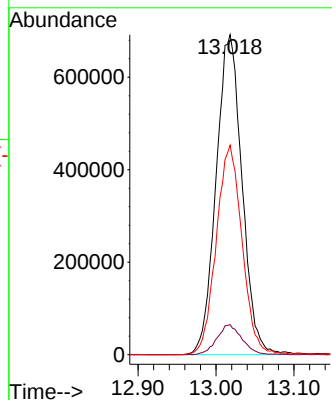
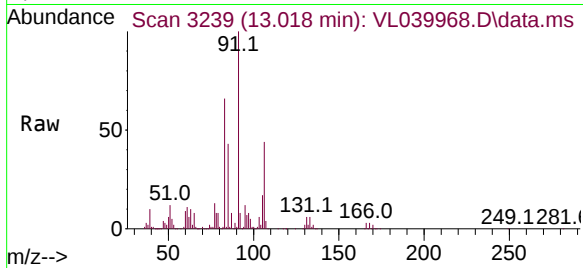




#63
1,1,2,2-Tetrachloroethane
Concen: 14.520 ppbv
RT: 13.018 min Scan# 31
Delta R.T. 0.007 min
Lab File: VL039968.D
Acq: 2 Dec 2022 13:36

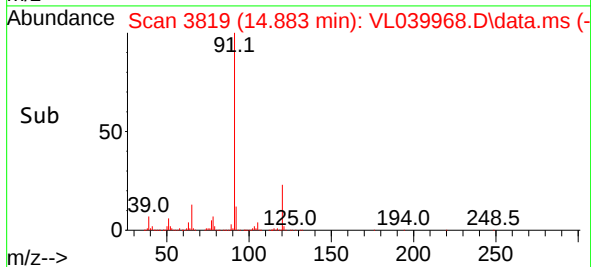
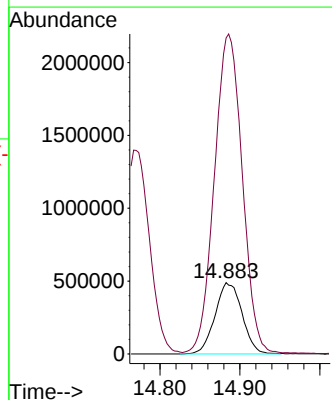
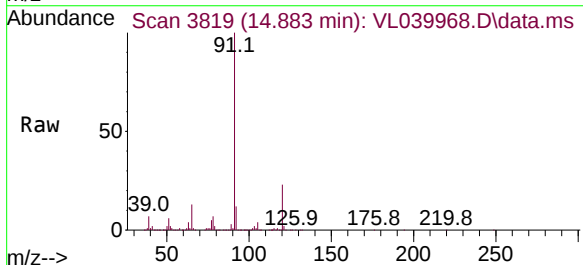
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

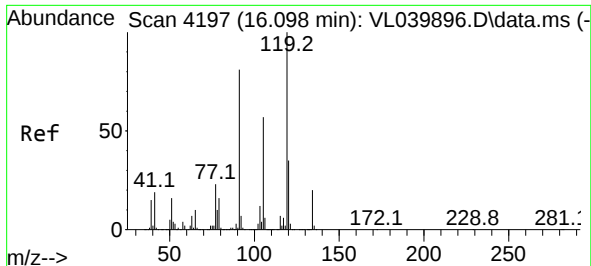
Tgt Ion: 83 Resp: 1600488
Ion Ratio Lower Upper
83 100
131 9.1 4.6 13.8
85 65.5 33.0 99.0



#64
n-propylbenzene
Concen: 9.197 ppbv
RT: 14.883 min Scan# 3819
Delta R.T. 0.003 min
Lab File: VL039968.D
Acq: 2 Dec 2022 13:36

Tgt Ion: 120 Resp: 1145245
Ion Ratio Lower Upper
120 100
91 466.7 353.7 530.5

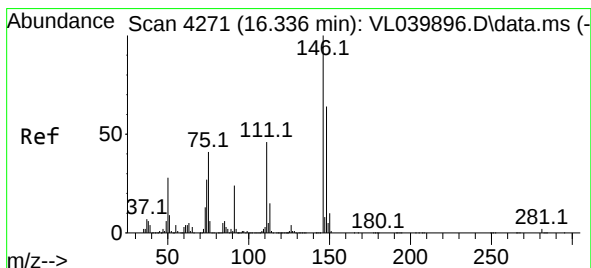
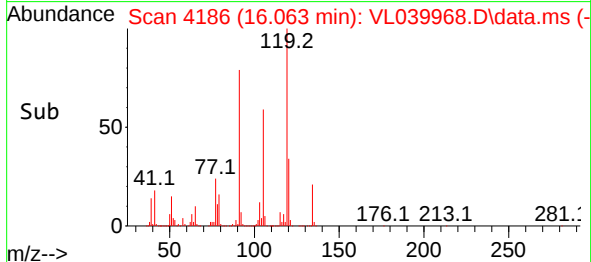
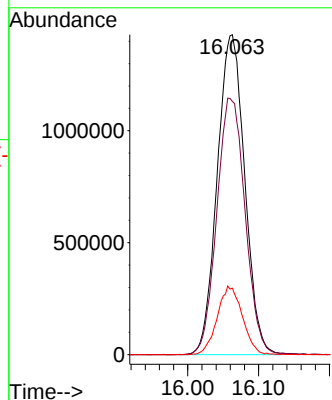
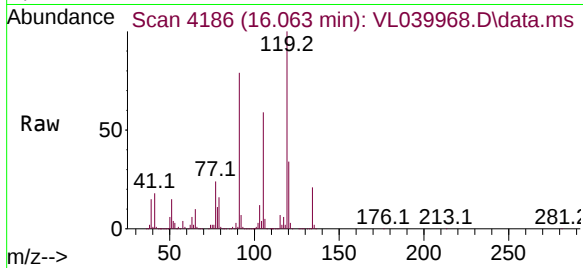




#65
tert-Butylbenzene
Concen: 9.250 ppbv
RT: 16.063 min Scan# 4197
Delta R.T. 0.007 min
Lab File: VL039968.D
Acq: 2 Dec 2022 13:36

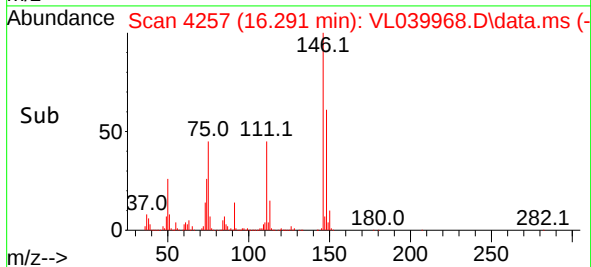
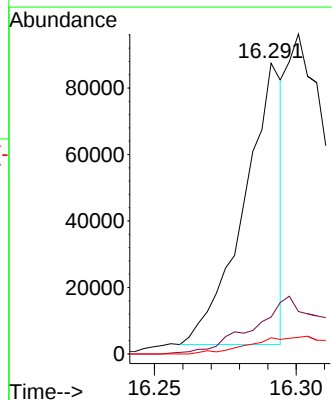
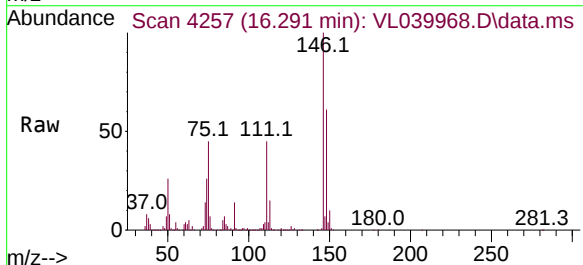
Instrument :
MSVOA_1
ClientSampleId :
VSTDCCC010EC

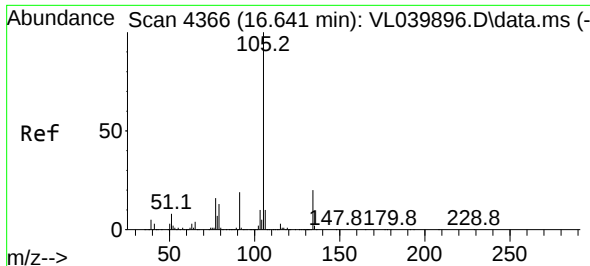
Tgt Ion:119 Resp: 3852217
Ion Ratio Lower Upper
119 100
91 82.7 65.8 98.8
134 19.7 16.1 24.1



#66
Benzyl Chloride
Concen: 2.232 ppbv
RT: 16.291 min Scan# 4257
Delta R.T. -0.003 min
Lab File: VL039968.D
Acq: 2 Dec 2022 13:36

Tgt Ion: 91 Resp: 79669
Ion Ratio Lower Upper
91 100
126 0.0 15.0 22.6#
128 0.0 4.6 7.0#

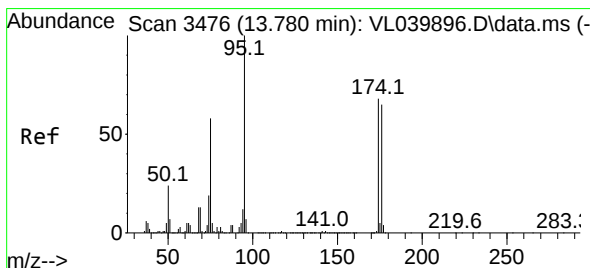
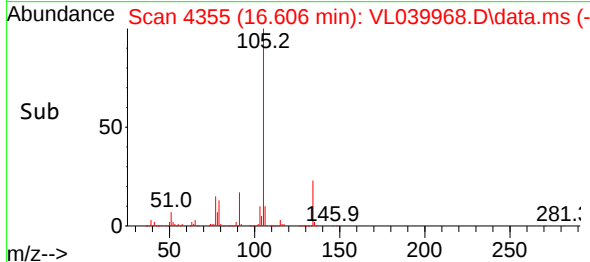
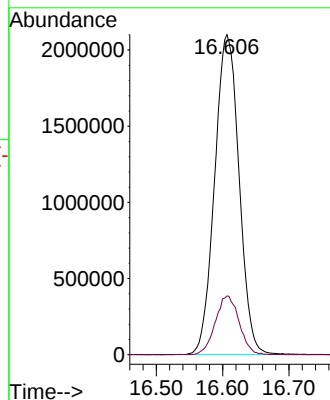
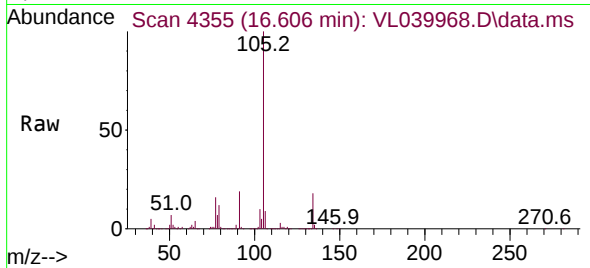




#67
 sec-Butylbenzene
 Concen: 9.370 ppbv
 RT: 16.606 min Scan# 41
 Delta R.T. 0.003 min
 Lab File: VL039968.D
 Acq: 2 Dec 2022 13:36

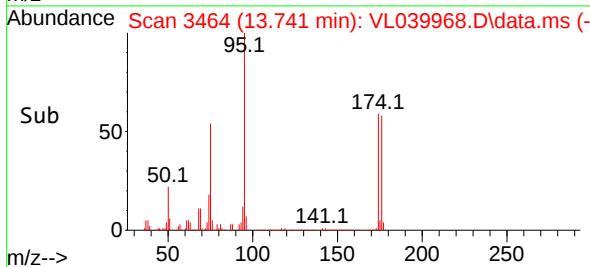
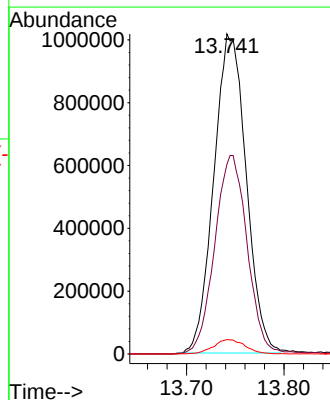
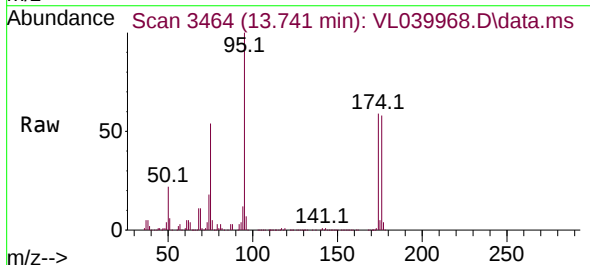
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

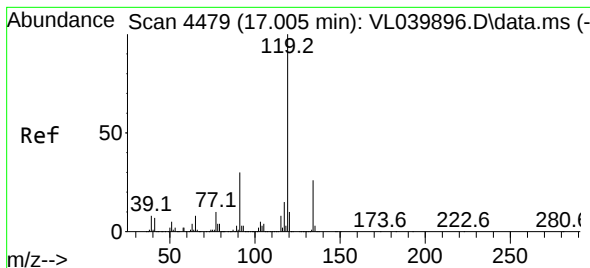
Tgt Ion:105 Resp: 5364936
 Ion Ratio Lower Upper
 105 100
 134 18.0 15.0 22.6



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.052 ppbv
 RT: 13.741 min Scan# 3464
 Delta R.T. 0.000 min
 Lab File: VL039968.D
 Acq: 2 Dec 2022 13:36

Tgt Ion: 95 Resp: 2340695
 Ion Ratio Lower Upper
 95 100
 174 63.2 53.7 80.5
 175 4.5 4.0 6.0





#69

p-Isopropyltoluene

Concen: 9.353 ppbv

RT: 16.966 min Scan# 4479

Delta R.T. 0.000 min

Lab File: VL039968.D

Acq: 2 Dec 2022 13:36

Instrument :

MSVOA_1

ClientSampleId :

VSTDCCC010EC

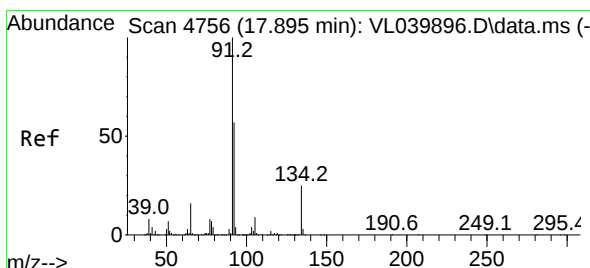
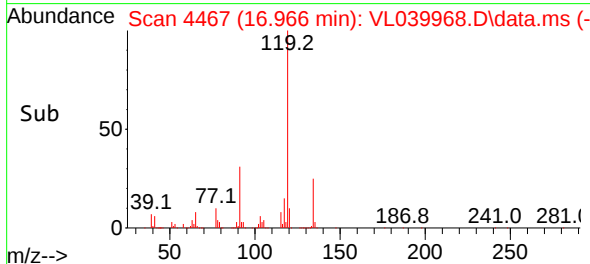
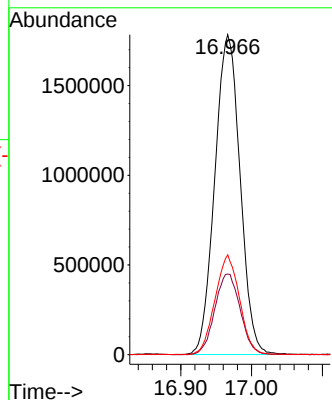
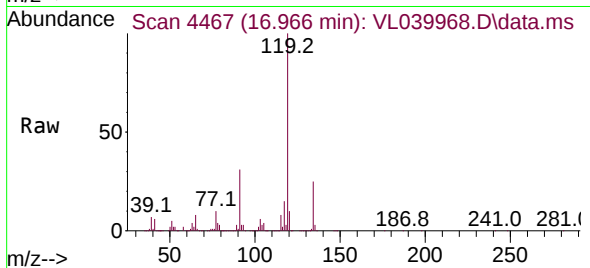
Tgt Ion:119 Resp: 4411582

Ion Ratio Lower Upper

119 100

134 25.5 21.0 31.4

91 30.2 24.4 36.6



#70

n-Butylbenzene

Concen: 9.681 ppbv

RT: 17.857 min Scan# 4744

Delta R.T. 0.000 min

Lab File: VL039968.D

Acq: 2 Dec 2022 13:36

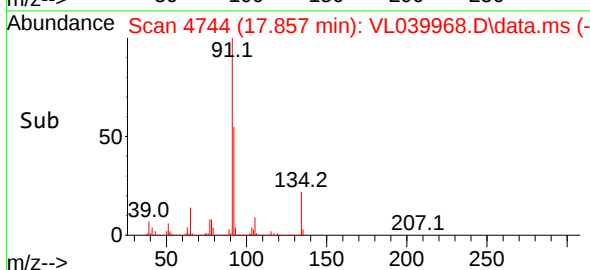
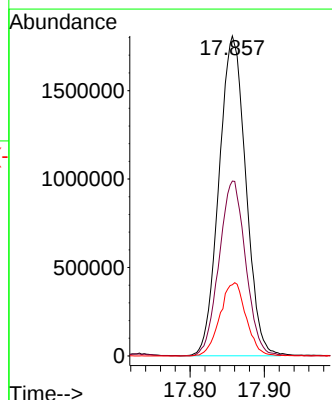
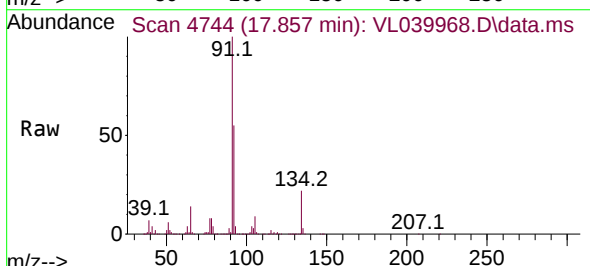
Tgt Ion: 91 Resp: 4527020

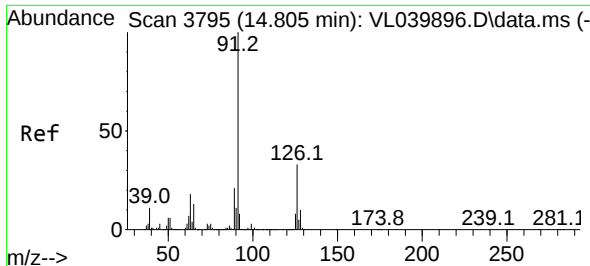
Ion Ratio Lower Upper

91 100

92 54.4 44.2 66.2

134 22.5 18.8 28.2

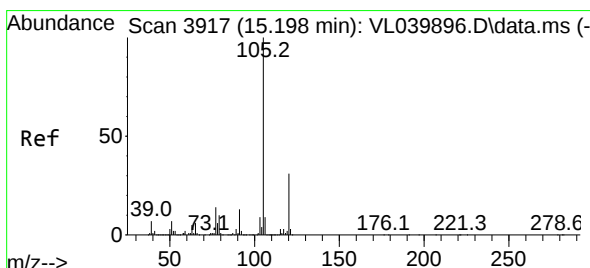
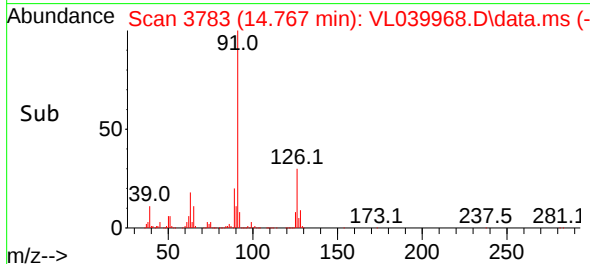
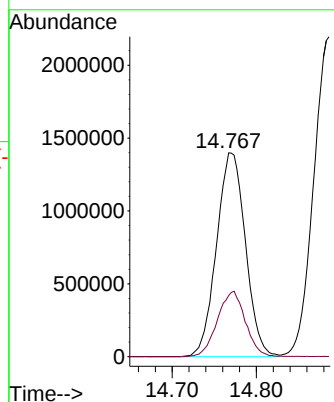
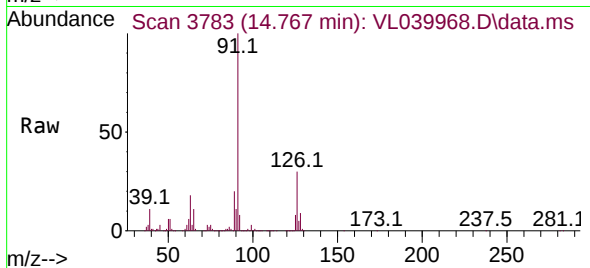




#71
2-Chlorotoluene
Concen: 9.237 ppbv
RT: 14.767 min Scan# 31
Delta R.T. -0.003 min
Lab File: VL039968.D
Acq: 2 Dec 2022 13:36

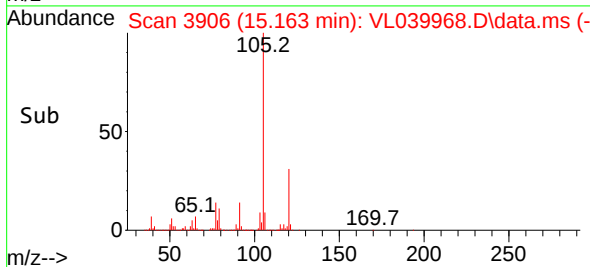
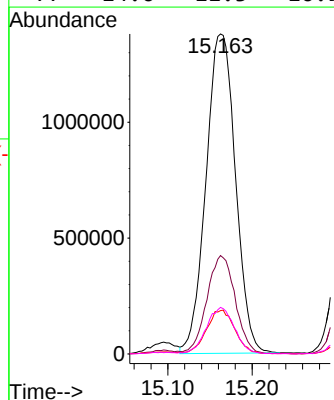
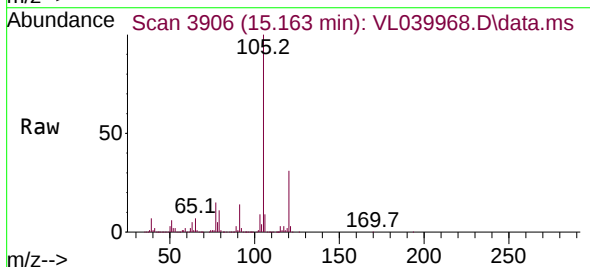
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

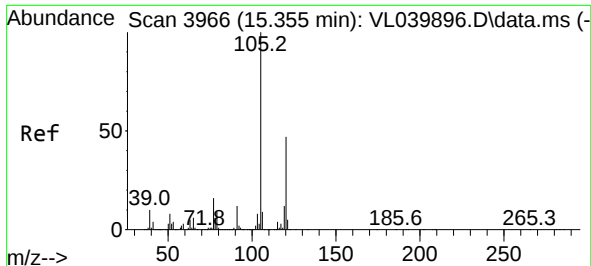
Tgt Ion: 91 Resp: 3332963
Ion Ratio Lower Upper
91 100
126 31.2 12.8 51.0



#72
4-Ethyltoluene
Concen: 9.031 ppbv
RT: 15.163 min Scan# 3906
Delta R.T. 0.000 min
Lab File: VL039968.D
Acq: 2 Dec 2022 13:36

Tgt Ion:105 Resp: 3350888
Ion Ratio Lower Upper
105 100
120 29.8 24.5 36.7
91 13.9 10.4 15.6
77 14.6 11.3 16.9

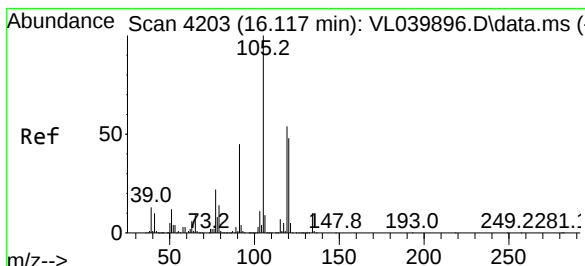
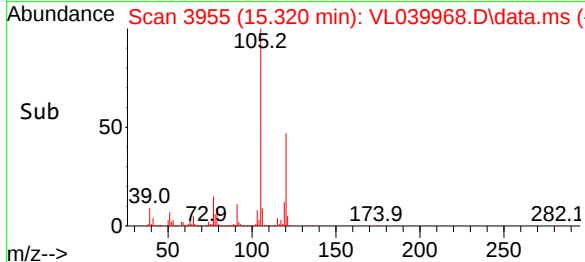
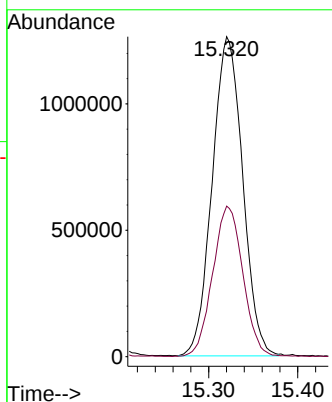
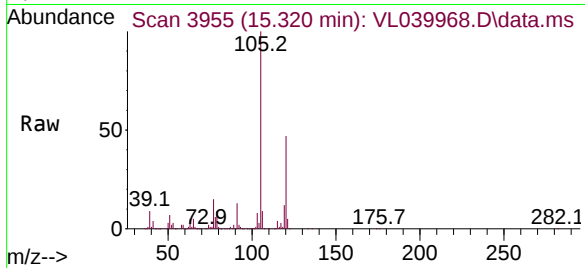




#73
 1,3,5-Trimethylbenzene
 Concen: 8.829 ppbv
 RT: 15.320 min Scan# 3966
 Delta R.T. 0.000 min
 Lab File: VL039968.D
 Acq: 2 Dec 2022 13:36

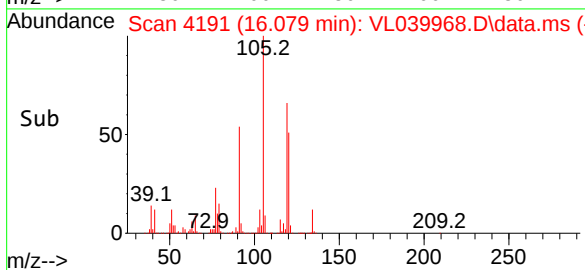
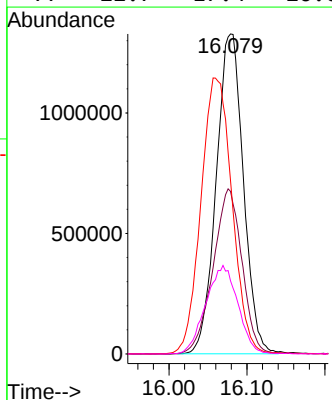
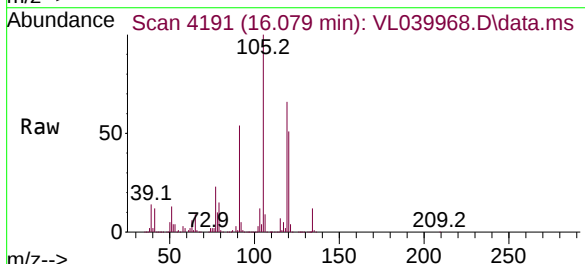
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

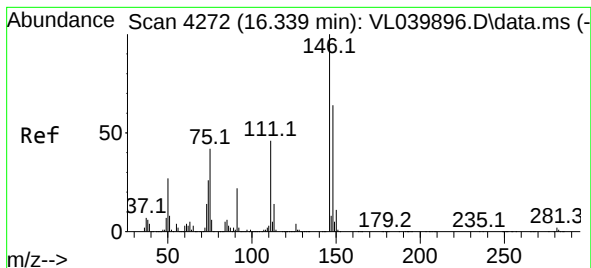
Tgt Ion:105 Resp: 2999021
 Ion Ratio Lower Upper
 105 100
 120 47.0 37.9 56.9



#74
 1,2,4-Trimethylbenzene
 Concen: 8.941 ppbv
 RT: 16.079 min Scan# 4191
 Delta R.T. 0.003 min
 Lab File: VL039968.D
 Acq: 2 Dec 2022 13:36

Tgt Ion:105 Resp: 3215262
 Ion Ratio Lower Upper
 105 100
 120 50.7 38.7 58.1
 91 53.9 36.4 54.6
 77 22.7 17.4 26.0





#75

1,3-Dichlorobenzene

Concen: 8.987 ppbv

RT: 16.301 min Scan# 41

Delta R.T. 0.000 min

Lab File: VL039968.D

Acq: 2 Dec 2022 13:36

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

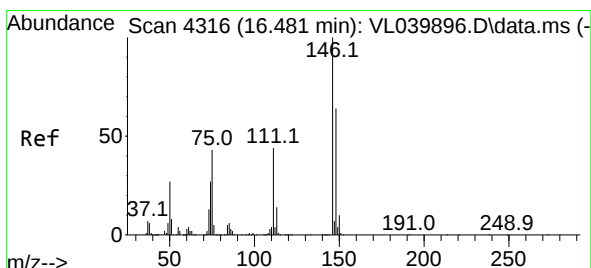
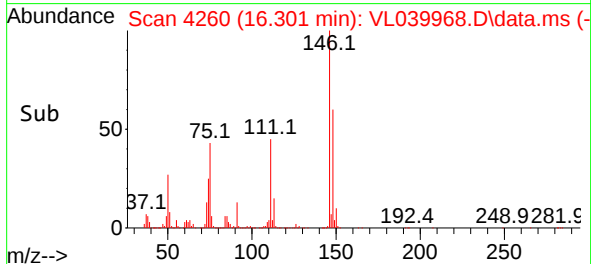
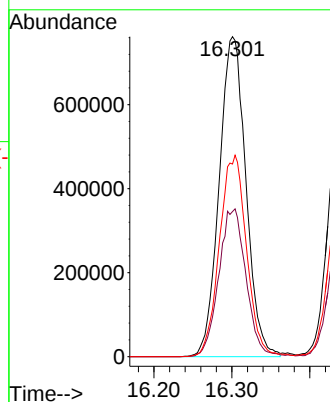
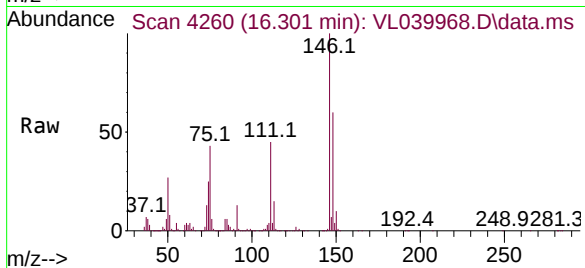
Tgt Ion:146 Resp: 1818405

Ion Ratio Lower Upper

146 100

111 47.1 23.3 69.9

148 63.9 32.2 96.6



#76

1,4-Dichlorobenzene

Concen: 8.727 ppbv

RT: 16.442 min Scan# 4304

Delta R.T. 0.003 min

Lab File: VL039968.D

Acq: 2 Dec 2022 13:36

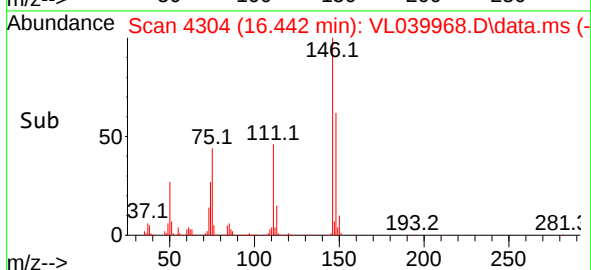
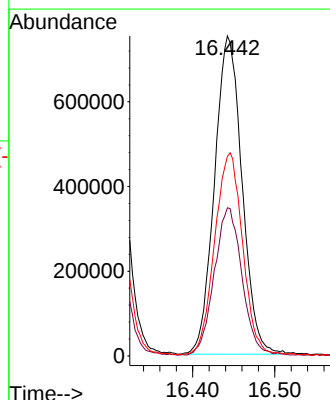
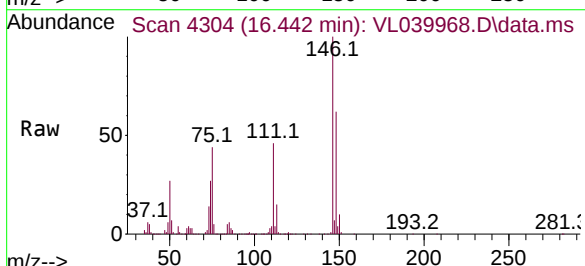
Tgt Ion:146 Resp: 1750387

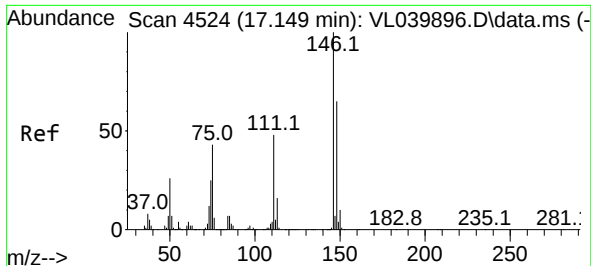
Ion Ratio Lower Upper

146 100

111 47.2 22.4 67.3

148 65.8 32.3 96.9

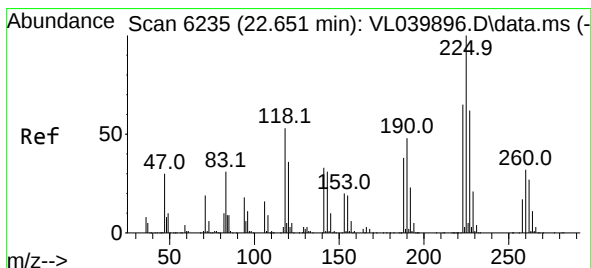
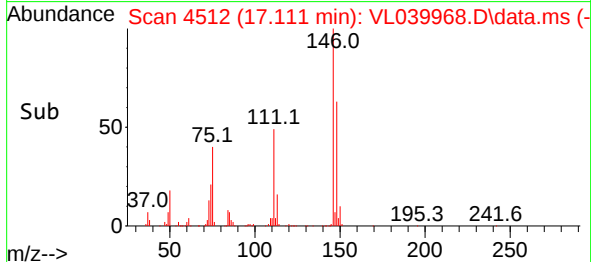
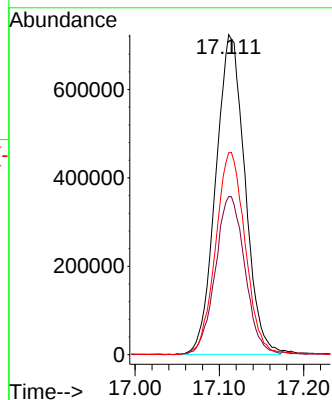
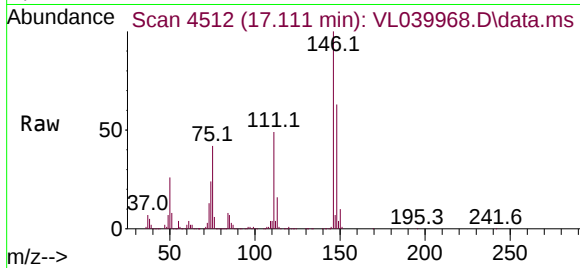




#77
1,2-Dichlorobenzene
Concen: 8.887 ppbv
RT: 17.111 min Scan# 41
Delta R.T. 0.000 min
Lab File: VL039968.D
Acq: 2 Dec 2022 13:36

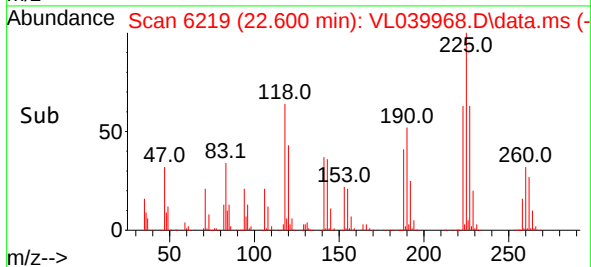
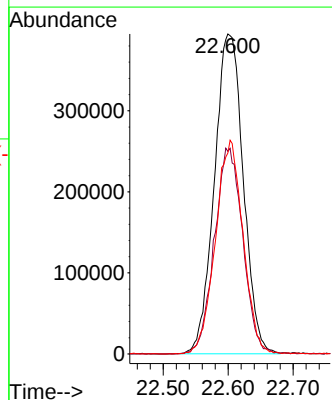
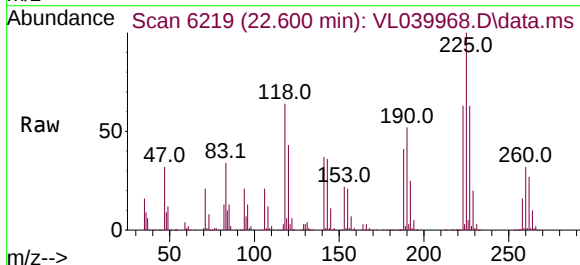
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

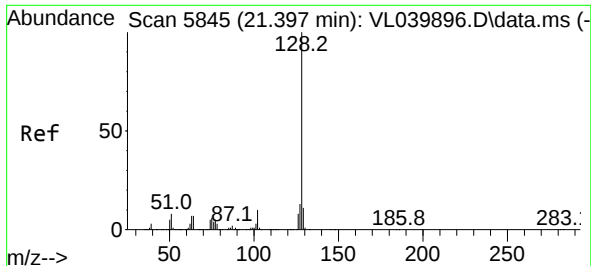
Tgt Ion:146 Resp: 1733612
Ion Ratio Lower Upper
146 100
111 50.8 24.1 72.3
148 64.5 32.4 97.2



#78
Hexachloro-1,3-Butadiene
Concen: 9.006 ppbv
RT: 22.600 min Scan# 6219
Delta R.T. 0.000 min
Lab File: VL039968.D
Acq: 2 Dec 2022 13:36

Tgt Ion:225 Resp: 1218925
Ion Ratio Lower Upper
225 100
223 63.4 50.7 76.1
227 64.0 50.8 76.2

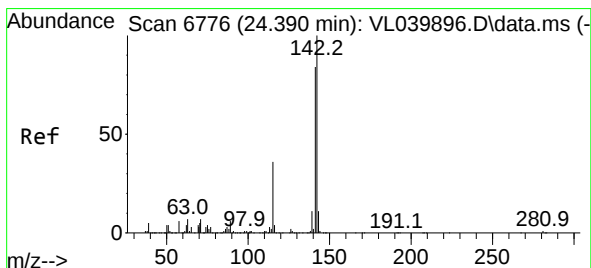
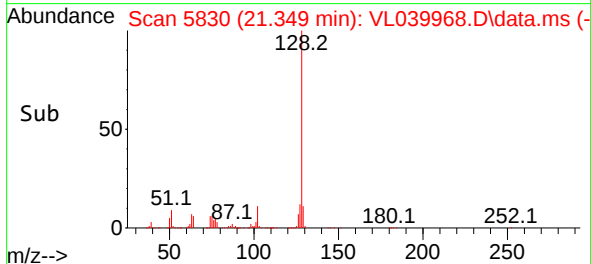
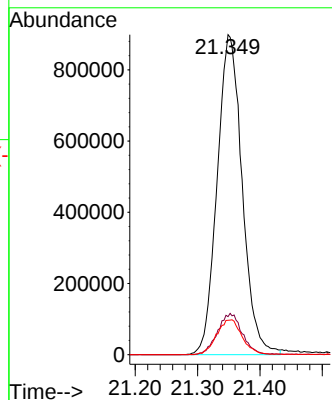
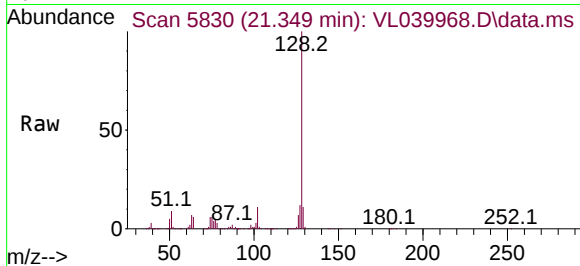




#79
Naphthalene
Concen: 11.620 ppbv
RT: 21.349 min Scan# 51
Delta R.T. 0.000 min
Lab File: VL039968.D
Acq: 2 Dec 2022 13:36

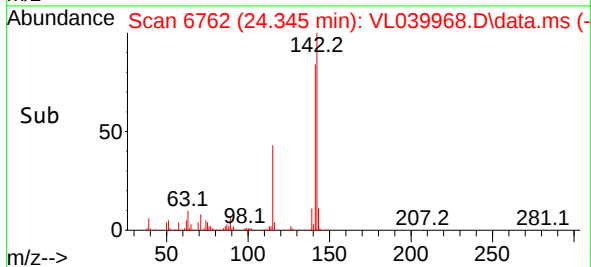
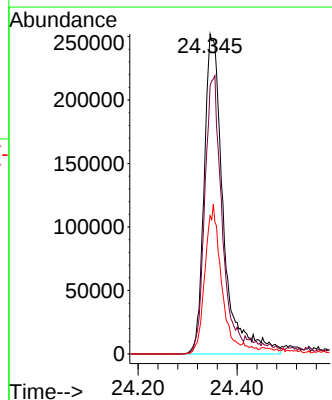
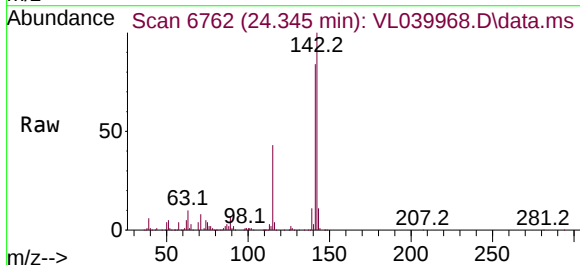
Instrument :
MSVOA_1
ClientSampleId :
VSTDCCC010EC

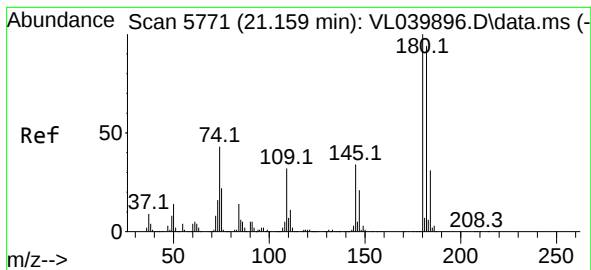
Tgt Ion:128 Resp: 2501090
Ion Ratio Lower Upper
128 100
127 11.9 10.0 15.0
129 10.8 8.8 13.2



#80
Naphthalene,2-methyl-
Concen: 11.210 ppbv
RT: 24.345 min Scan# 6762
Delta R.T. -0.003 min
Lab File: VL039968.D
Acq: 2 Dec 2022 13:36

Tgt Ion:142 Resp: 678578
Ion Ratio Lower Upper
142 100
141 83.0 69.1 103.7
115 44.0 29.6 44.4





#81
 1,2,4-Trichlorobenzene
 Concen: 9.624 ppbv
 RT: 21.108 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VL039968.D
 Acq: 2 Dec 2022 13:36

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Tgt Ion:180 Resp: 1279203
 Ion Ratio Lower Upper
 180 100
 182 95.9 77.0 115.6
 184 30.6 25.2 37.8

