

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL031523\
 Data File : VL040279.D
 Acq On : 15 Mar 2023 11:35
 Operator : SY/MD
 Sample : VSTDICCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010

Quant Time: Mar 16 07:18:24 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL031523AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Wed Mar 15 16:14:43 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.189	49	1093309	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.655	114	2845395	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.478	117	2913705	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.786	95	2369997	9.713	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.100%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.719	85	1411018	6.578	ppbv	100
3) Chlorodifluoromethane	2.665	51	1223207	8.897	ppbv	100
4) Chloromethane	2.803	50	776369	9.145	ppbv	100
5) Vinyl Chloride	2.912	62	657712	9.568	ppbv	100
6) Bromomethane	3.112	94	221292	9.284	ppbv	100
7) Chloroethane	3.189	64	249643	9.460	ppbv	100
8) Dichlorotetrafluoroethane	2.848	85	1660185	9.041	ppbv	100
9) Propene	2.684	41	464362	8.817	ppbv	100
10) Heptane	7.581	43	1270581	10.030	ppbv	100
11) Trichlorofluoromethane	3.555	101	1818439	9.356	ppbv	100
12) 1,1,2-Trichlorotrifluo...	4.060	101	1367034	9.366	ppbv	100
13) Ethanol	3.237	45	26897	6.963	ppbv	85
14) Bromoethene	3.359	108	536447	9.853	ppbv	100
15) Acetone	3.459	43	1183930	8.895	ppbv	100
16) 1,3-Butadiene	2.976	39	588609	9.729	ppbv	100
17) tert-Butyl alcohol	3.870	59	1295772	10.243	ppbv	100
18) 1,1-Dichloroethene	3.877	96	595372	9.508	ppbv	100
19) Isopropyl Alcohol	3.565	45	599848	9.408	ppbv	99
20) Methylene Chloride	3.928	84	492902	8.803	ppbv	100
21) Allyl Chloride	3.989	41	845692	9.809	ppbv	100
22) trans-1,2-Dichloroethene	4.439	96	623875	9.789	ppbv	100
23) Vinyl Acetate	4.623	43	365302	9.865	ppbv	100
24) 1,1-Dichloroethane	4.558	63	1236212	9.360	ppbv	100
25) Ethyl Acetate	5.201	43	2254739	9.048	ppbv	100
26) Hexane	5.211	57	935060	9.142	ppbv	100
27) Carbon Disulfide	4.118	76	1493750	10.456	ppbv	99
28) Methyl tert-Butyl Ether	4.581	73	1106028	9.417	ppbv	100
29) Chloroform	5.272	83	1513814	8.381	ppbv	100
30) Cyclohexane	6.603	84	831751	10.319	ppbv	100
31) cis-1,2-Dichloroethene	5.076	61	944562	9.482	ppbv	100
32) 1,1,1-Trichloroethane	6.005	97	1729492	9.995	ppbv	100
34) 2-Butanone	4.780	43	1351657	9.625	ppbv	100
35) Carbon Tetrachloride	6.494	117	1834696	10.275	ppbv	100
36) Benzene	6.372	78	2089884	9.638	ppbv	100
37) 1,2-Dichloroethane	5.806	62	1345224	9.531	ppbv	100
38) Trichloroethene	7.295	130	1295571	10.933	ppbv	100
39) 1,2-Dichloropropane	7.073	63	812914	9.555	ppbv	100
40) 1,4-Dioxane	7.291	88	341839	10.157	ppbv	100
41) Tetrahydrofuran	5.555	42	794985	9.809	ppbv	100
42) Bromodichloromethane	7.253	83	1921781	9.964	ppbv	100
43) Methyl Methacrylate	7.478	69	850988	10.560	ppbv	100
44) 2,2,4-Trimethylpentane	7.330	57	3500455	9.682	ppbv	100
45) t-1,3-Dichloropropene	8.713	75	824460	11.737	ppbv	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL031523\
 Data File : VL040279.D
 Acq On : 15 Mar 2023 11:35
 Operator : SY/MD
 Sample : VSTDICCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

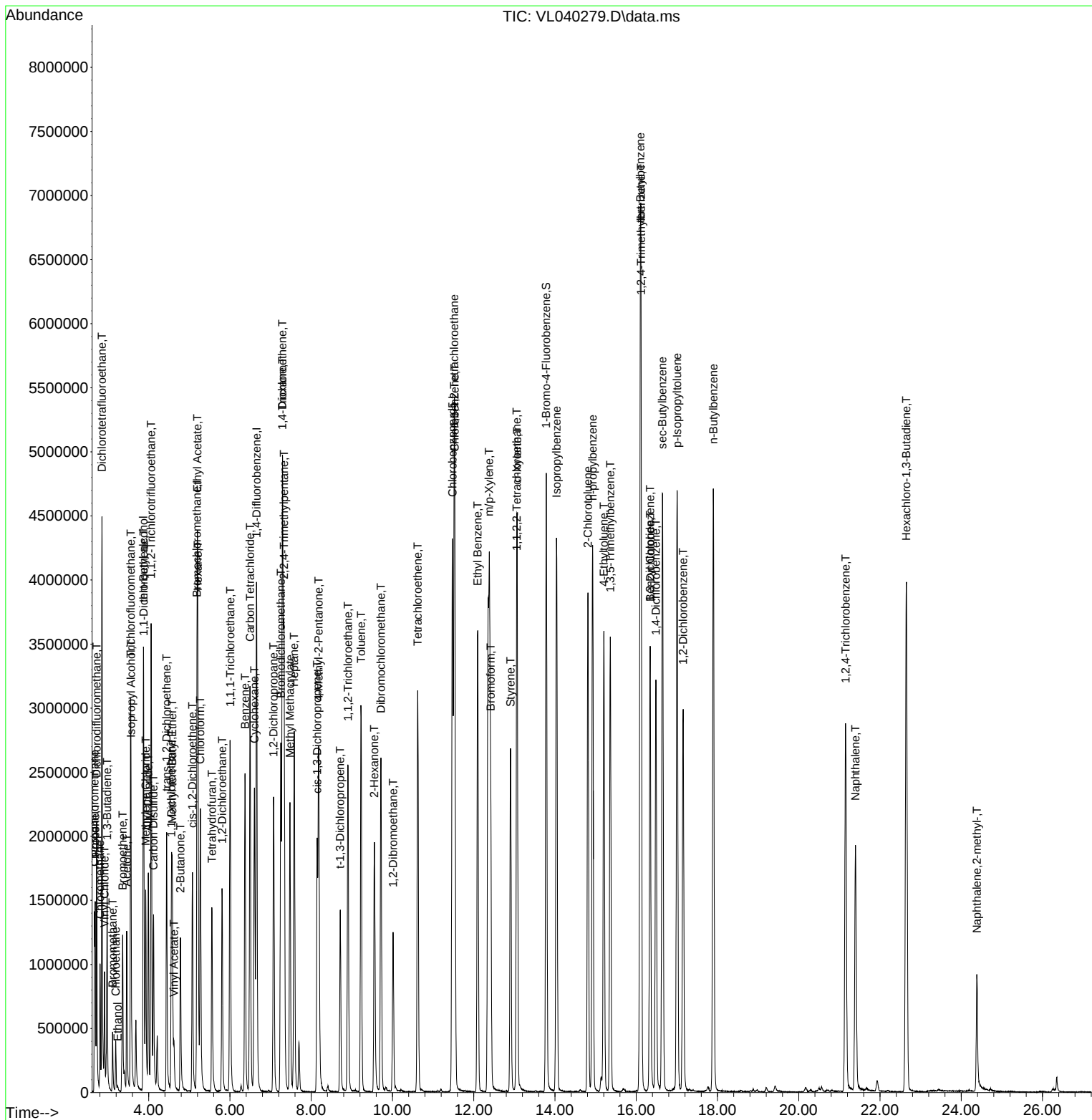
Instrument :
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 ClientSampleId :
 VSTDICCC010

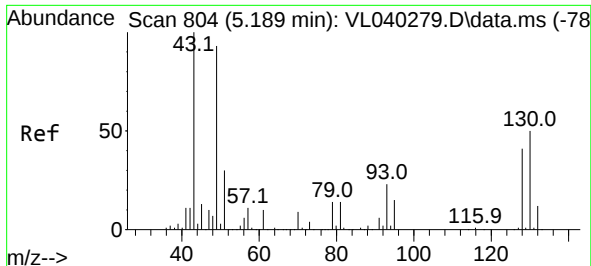
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 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Wed Mar 15 16:14:43 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.147	75	1103096	11.058	ppbv	100
47) 1,1,2-Trichloroethane	8.906	97	882650	9.724	ppbv	100
48) Dibromochloromethane	9.716	129	1559559	10.440	ppbv	100
49) Bromoform	12.417	173	1218893	10.864	ppbv	100
50) 4-Methyl-2-Pentanone	8.185	43	2190574	10.080	ppbv	100
51) 2-Hexanone	9.555	43	1743496	10.356	ppbv	100
52) Tetrachloroethene	10.622	164	712761	10.865	ppbv	100
53) Toluene	9.227	91	2404680	10.582	ppbv	100
54) 1,2-Dibromoethane	10.015	107	990650	10.603	ppbv	100
56) 1,1,1,2-Tetrachloroethane	11.516	131	1106467	9.027	ppbv	98
57) Chlorobenzene	11.536	112	1864942	8.998	ppbv	100
58) Ethyl Benzene	12.098	91	3278753	9.883	ppbv	100
59) m/p-Xylene	12.381	91	3024341	9.951	ppbv #	39
60) o-Xylene	13.069	91	2784000	9.582	ppbv	100
61) Styrene	12.909	104	1572628	10.666	ppbv	100
62) Isopropylbenzene	14.040	105	3862865	9.336	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.056	83	866119	8.472	ppbv	100
64) n-propylbenzene	14.928	120	966144	9.542	ppbv	100
65) tert-Butylbenzene	16.101	119	3318819	9.308	ppbv	100
66) Benzyl Chloride	16.343	91	224127	9.672	ppbv	100
67) sec-Butylbenzene	16.645	105	4699214	9.216	ppbv	100
69) p-Isopropyltoluene	17.008	119	3771973	9.499	ppbv	100
70) n-Butylbenzene	17.899	91	4082863	9.332	ppbv	100
71) 2-Chlorotoluene	14.812	91	2983415	9.474	ppbv	100
72) 4-Ethyltoluene	15.204	105	3103235	9.769	ppbv	100
73) 1,3,5-Trimethylbenzene	15.362	105	2750301	9.559	ppbv	100
74) 1,2,4-Trimethylbenzene	16.121	105	3009248	9.171	ppbv	100
75) 1,3-Dichlorobenzene	16.343	146	1612725	9.074	ppbv	100
76) 1,4-Dichlorobenzene	16.484	146	1579023	9.316	ppbv	100
77) 1,2-Dichlorobenzene	17.156	146	1517944	8.886	ppbv	100
78) Hexachloro-1,3-Butadiene	22.648	225	1088691	8.690	ppbv	100
79) Naphthalene	21.397	128	2322022	11.962	ppbv	100
80) Naphthalene,2-methyl-	24.387	142	668177	13.591	ppbv	97
81) 1,2,4-Trichlorobenzene	21.156	180	1222849	10.228	ppbv	100

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

Quant Time: Mar 16 07:18:24 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL031523AIR.M
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Response via : Initial Calibration

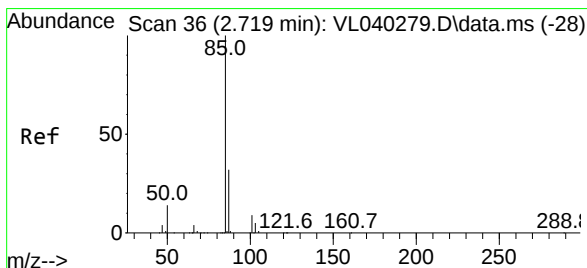
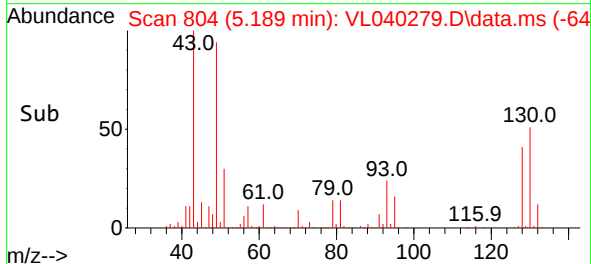
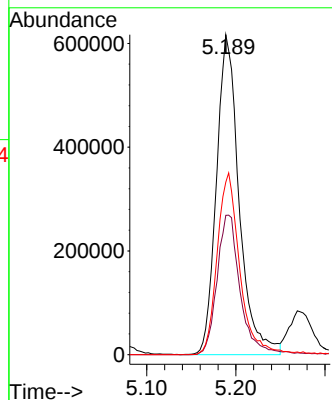
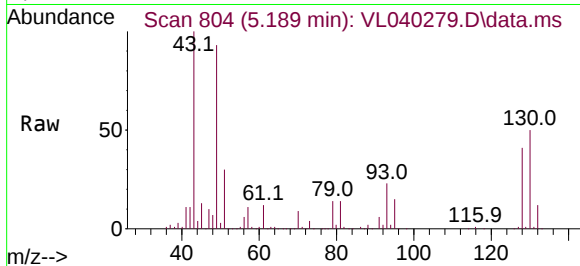




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.189 min Scan# 804
Delta R.T. -0.000 min
Lab File: VL040279.D
Acq: 15 Mar 2023 11:35

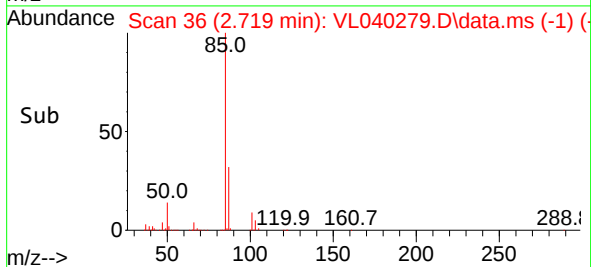
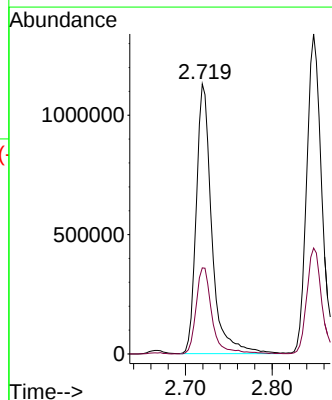
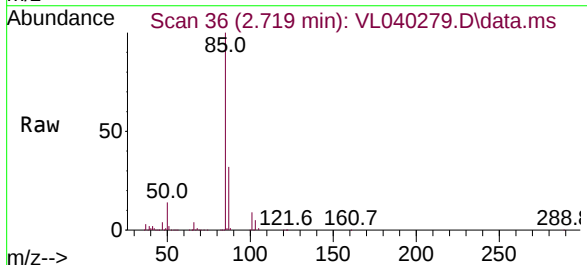
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

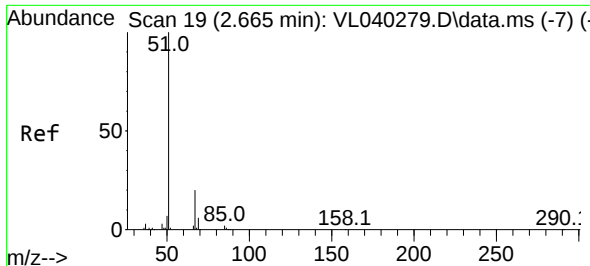
Tgt Ion: 49 Resp: 1093309
Ion Ratio Lower Upper
49 100
128 44.9 22.4 67.3
130 57.4 28.7 86.1



#2
Dichlorodifluoromethane
Concen: 6.578 ppbv
RT: 2.719 min Scan# 36
Delta R.T. 0.000 min
Lab File: VL040279.D
Acq: 15 Mar 2023 11:35

Tgt Ion: 85 Resp: 1411018
Ion Ratio Lower Upper
85 100
87 31.9 25.5 38.3

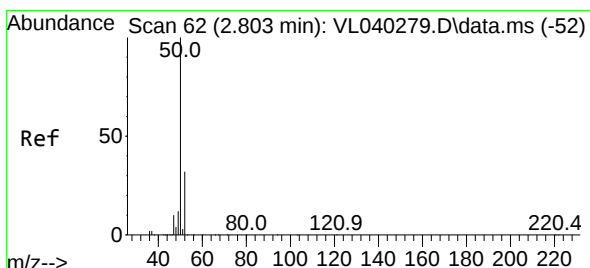
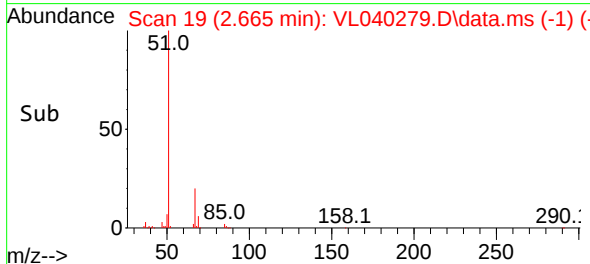
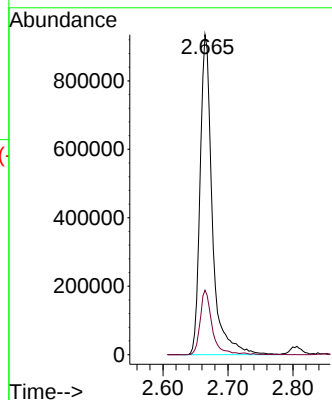
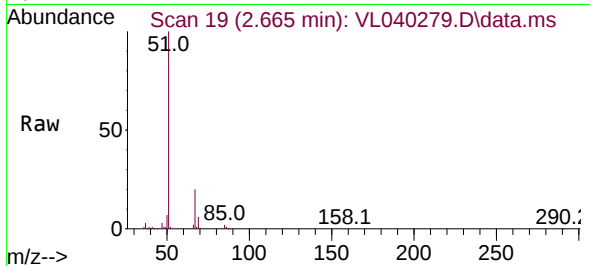




#3
Chlorodifluoromethane
Concen: 8.897 ppbv
RT: 2.665 min Scan# 19
Delta R.T. 0.000 min
Lab File: VL040279.D
Acq: 15 Mar 2023 11:35

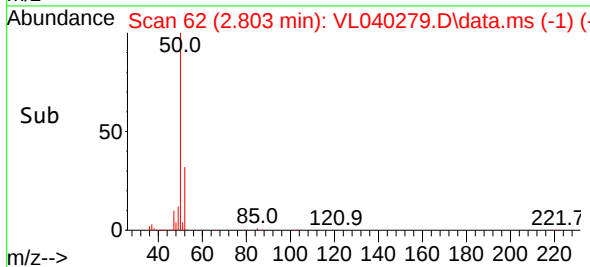
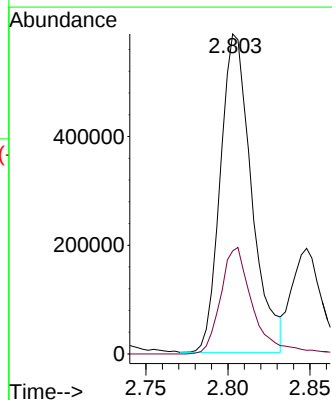
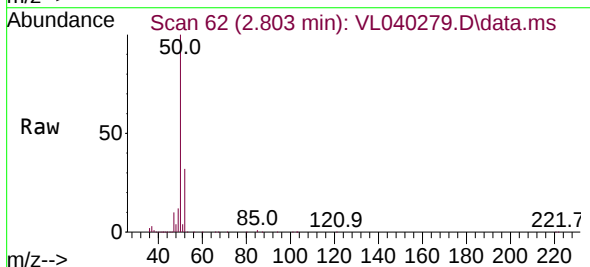
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

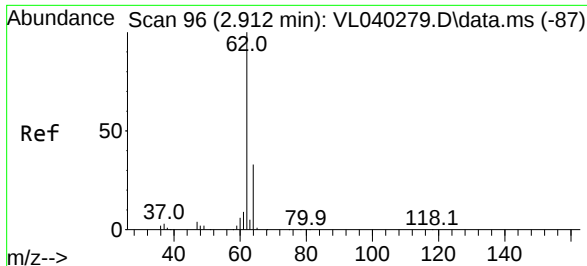
Tgt Ion: 51 Resp: 1223207
Ion Ratio Lower Upper
51 100
67 20.0 16.0 24.0



#4
Chloromethane
Concen: 9.145 ppbv
RT: 2.803 min Scan# 62
Delta R.T. 0.000 min
Lab File: VL040279.D
Acq: 15 Mar 2023 11:35

Tgt Ion: 50 Resp: 776369
Ion Ratio Lower Upper
50 100
52 32.4 25.9 38.9

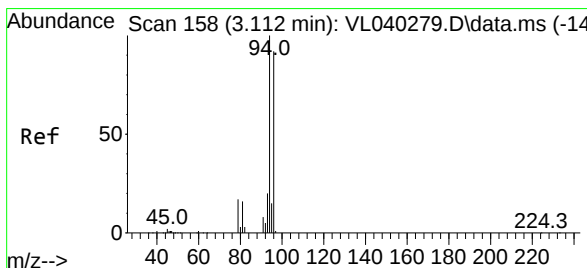
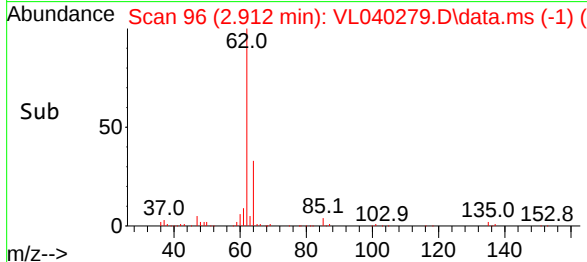
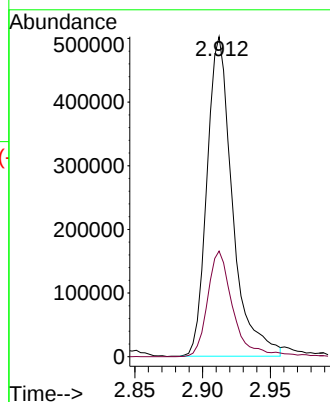
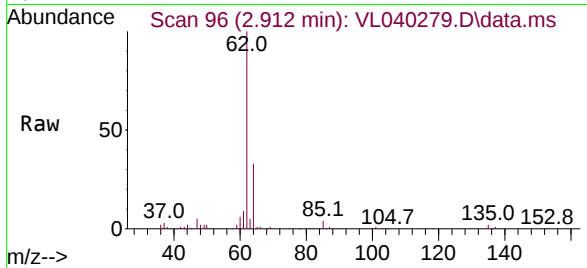




#5
 Vinyl Chloride
 Concen: 9.568 ppbv
 RT: 2.912 min Scan# 96
 Delta R.T. 0.000 min
 Lab File: VL040279.D
 Acq: 15 Mar 2023 11:35

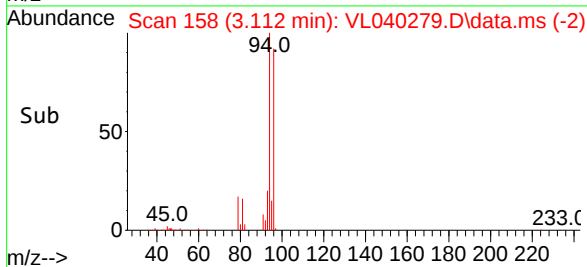
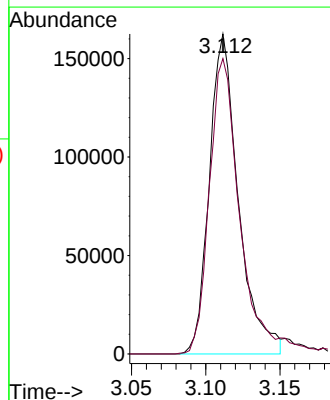
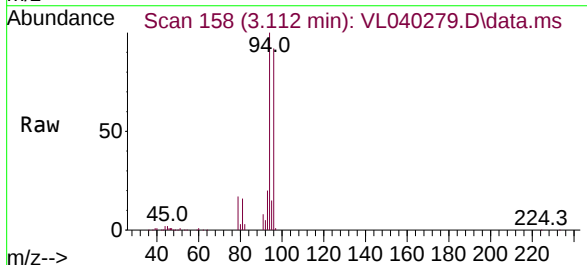
Instrument :
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 ClientSampleId :
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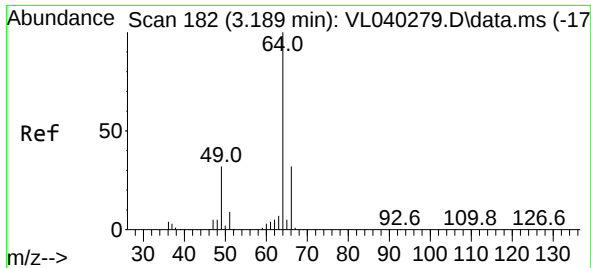
Tgt Ion: 62 Resp: 657712
 Ion Ratio Lower Upper
 62 100
 64 33.0 26.4 39.6



#6
 Bromomethane
 Concen: 9.284 ppbv
 RT: 3.112 min Scan# 158
 Delta R.T. 0.000 min
 Lab File: VL040279.D
 Acq: 15 Mar 2023 11:35

Tgt Ion: 94 Resp: 221292
 Ion Ratio Lower Upper
 94 100
 96 92.1 73.7 110.5

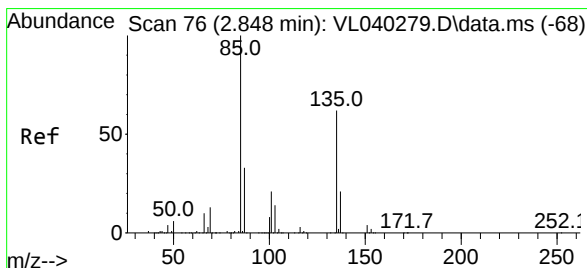
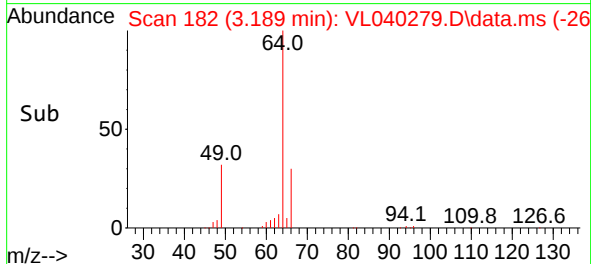
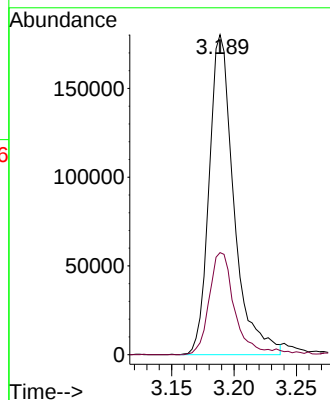
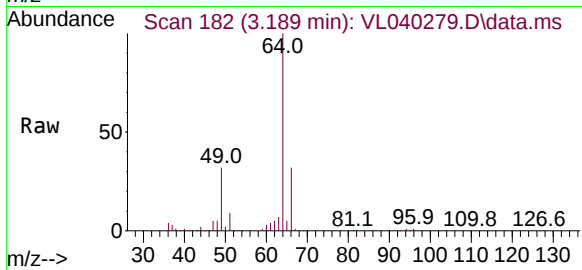




#7
Chloroethane
Concen: 9.460 ppbv
RT: 3.189 min Scan# 11
Delta R.T. 0.000 min
Lab File: VL040279.D
Acq: 15 Mar 2023 11:35

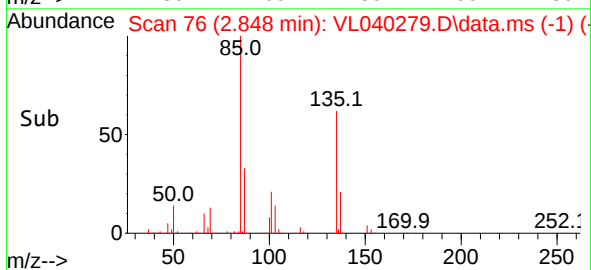
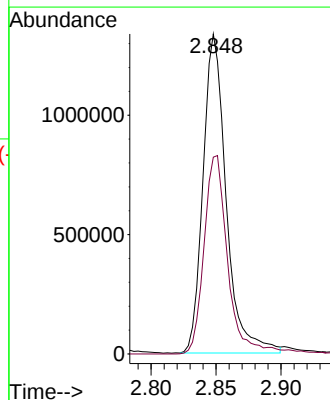
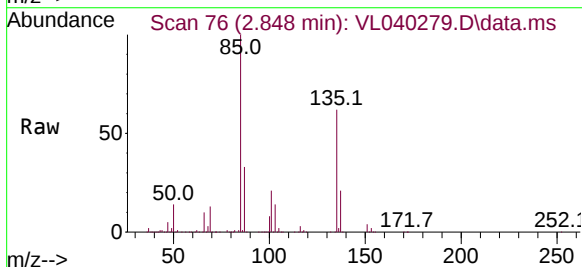
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 64 Resp: 249643
Ion Ratio Lower Upper
64 100
66 31.9 25.5 38.3

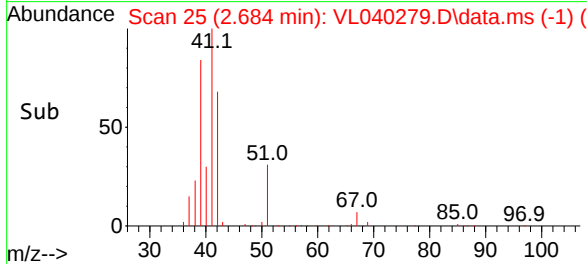
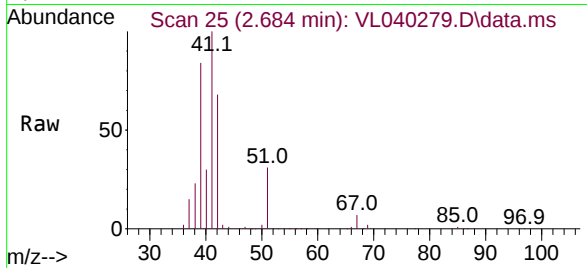
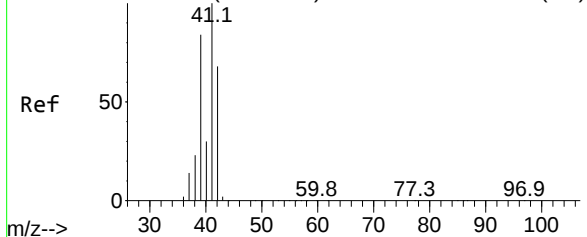


#8
Dichlorotetrafluoroethane
Concen: 9.041 ppbv
RT: 2.848 min Scan# 76
Delta R.T. 0.000 min
Lab File: VL040279.D
Acq: 15 Mar 2023 11:35

Tgt Ion: 85 Resp: 1660185
Ion Ratio Lower Upper
85 100
135 65.0 52.0 78.0



Abundance Scan 25 (2.684 min): VL040279.D\data.ms (-15)



#9

Propene

Concen: 8.817 ppbv

RT: 2.684 min Scan# 21

Delta R.T. 0.000 min

Lab File: VL040279.D

Acq: 15 Mar 2023 11:35

Instrument :

MSVOA_1

ClientSampleId :

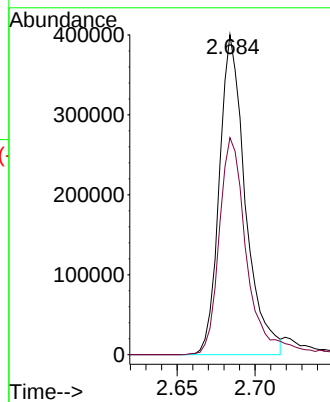
VSTDICCC010

Tgt Ion: 41 Resp: 464362

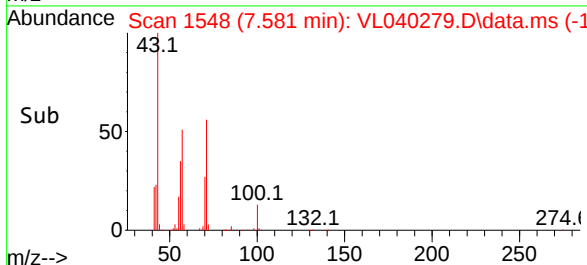
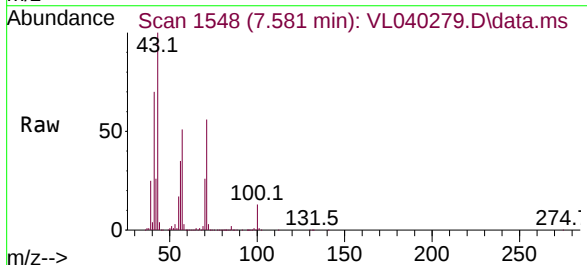
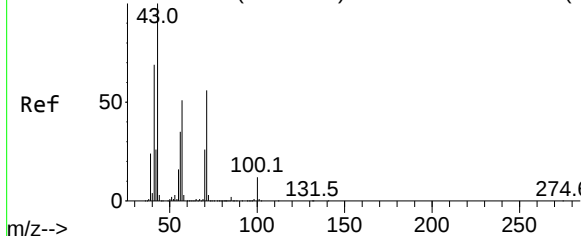
Ion Ratio Lower Upper

41 100

42 73.7 59.0 88.4



Abundance Scan 1548 (7.581 min): VL040279.D\data.ms (-1)



#10

Heptane

Concen: 10.030 ppbv

RT: 7.581 min Scan# 1548

Delta R.T. 0.000 min

Lab File: VL040279.D

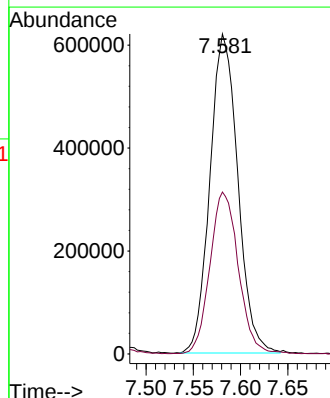
Acq: 15 Mar 2023 11:35

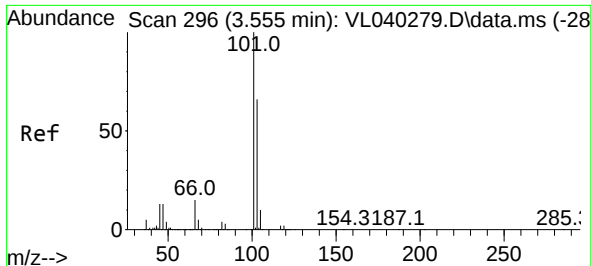
Tgt Ion: 43 Resp: 1270581

Ion Ratio Lower Upper

43 100

57 52.1 41.7 62.5

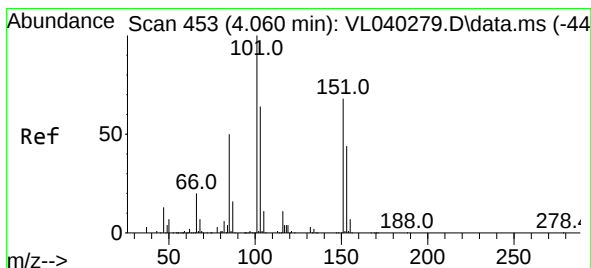
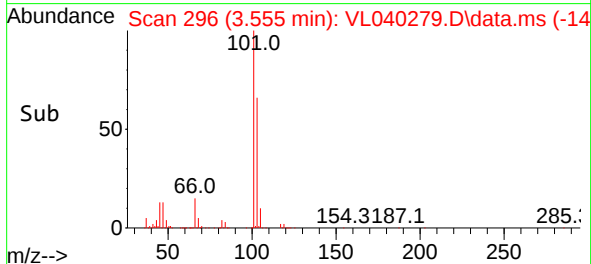
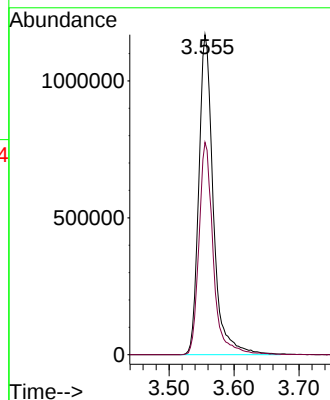
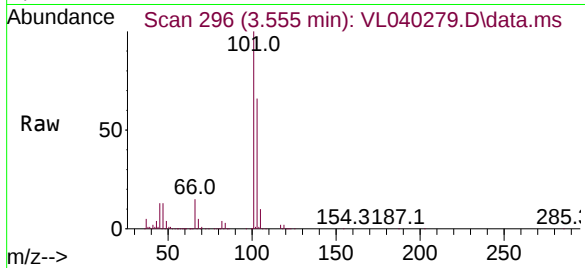




#11
 Trichlorofluoromethane
 Concen: 9.356 ppbv
 RT: 3.555 min Scan# 296
 Delta R.T. 0.000 min
 Lab File: VL040279.D
 Acq: 15 Mar 2023 11:35

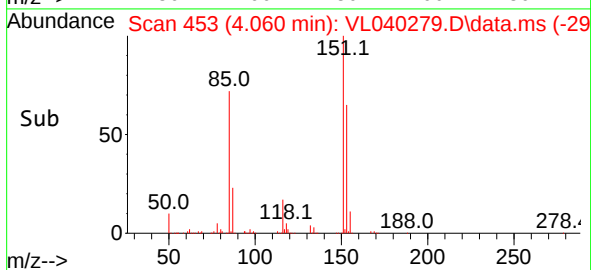
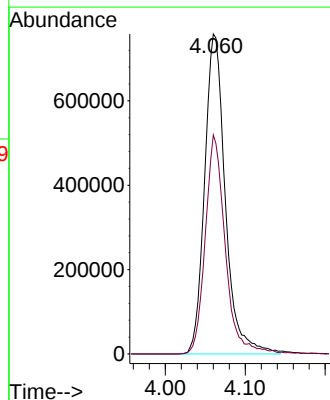
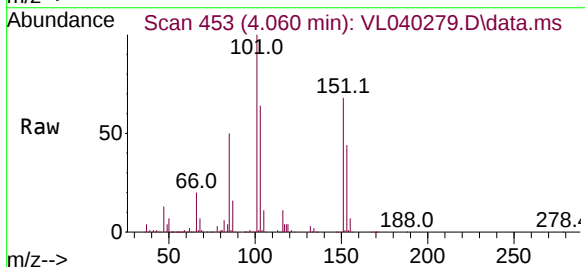
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010

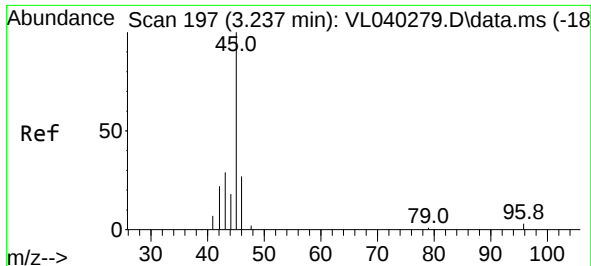
Tgt Ion:101 Resp: 1818439
 Ion Ratio Lower Upper
 101 100
 103 66.4 53.1 79.7



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 9.366 ppbv
 RT: 4.060 min Scan# 453
 Delta R.T. 0.000 min
 Lab File: VL040279.D
 Acq: 15 Mar 2023 11:35

Tgt Ion:101 Resp: 1367034
 Ion Ratio Lower Upper
 101 100
 151 66.5 53.2 79.8

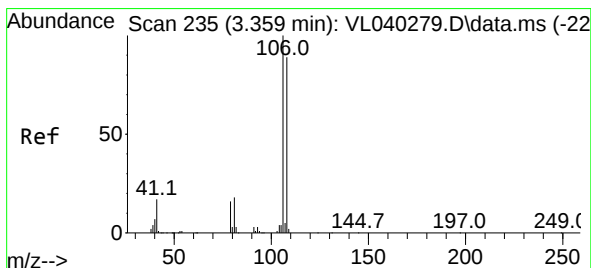
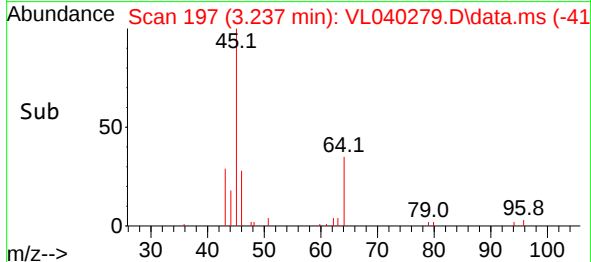
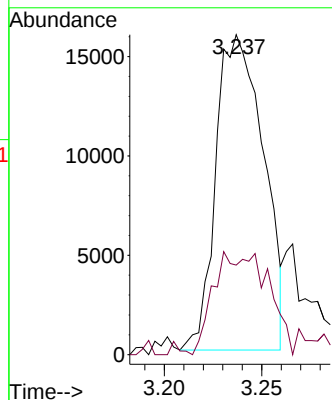
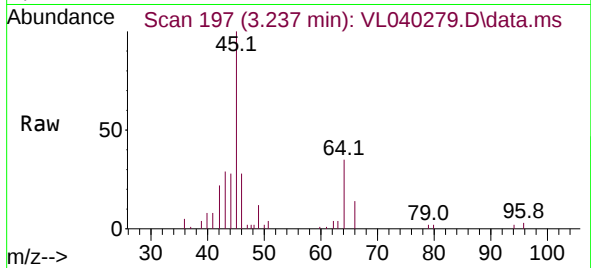




#13
Ethanol
Concen: 6.963 ppbv
RT: 3.237 min Scan# 197
Delta R.T. 0.000 min
Lab File: VL040279.D
Acq: 15 Mar 2023 11:35

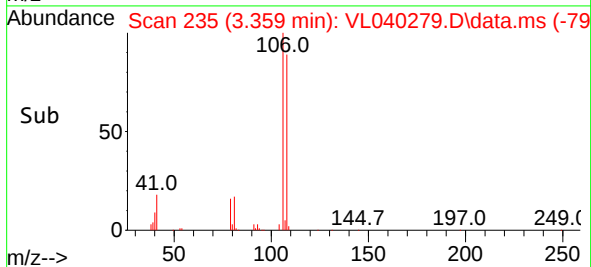
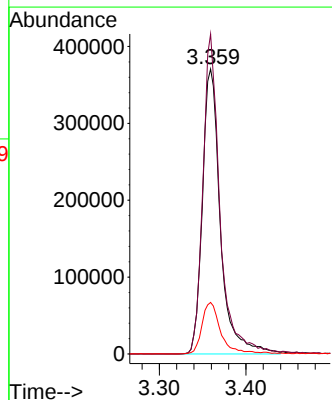
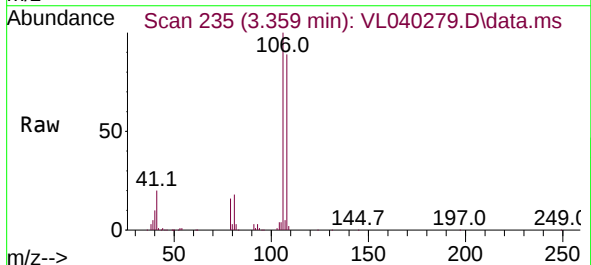
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

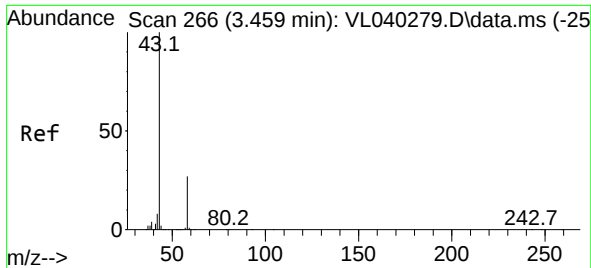
Tgt Ion: 45 Resp: 26897
Ion Ratio Lower Upper
45 100
46 46.3 15.0 60.2



#14
Bromoethene
Concen: 9.853 ppbv
RT: 3.359 min Scan# 235
Delta R.T. 0.000 min
Lab File: VL040279.D
Acq: 15 Mar 2023 11:35

Tgt Ion: 108 Resp: 536447
Ion Ratio Lower Upper
108 100
106 107.3 85.8 128.8
79 19.3 15.8 23.6

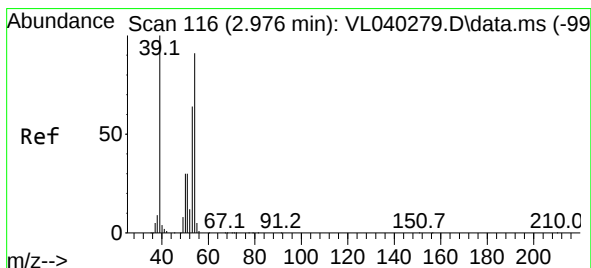
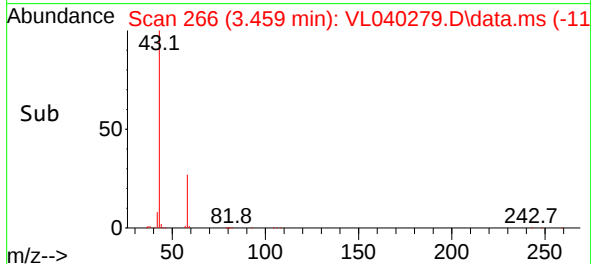
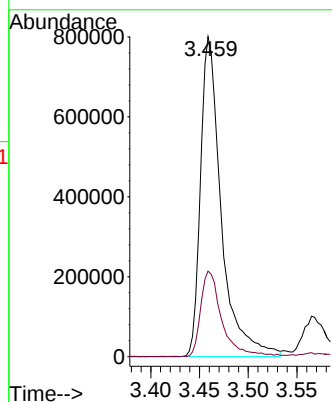
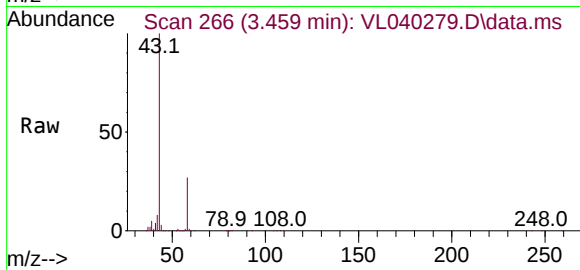




#15
Acetone
Concen: 8.895 ppbv
RT: 3.459 min Scan# 21
Delta R.T. 0.000 min
Lab File: VL040279.D
Acq: 15 Mar 2023 11:35

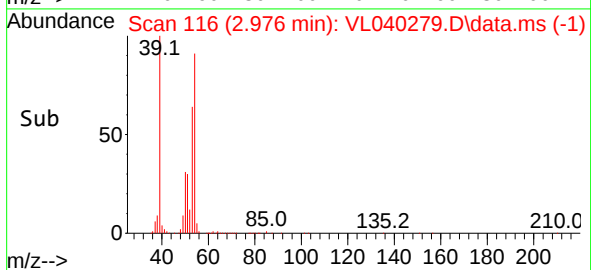
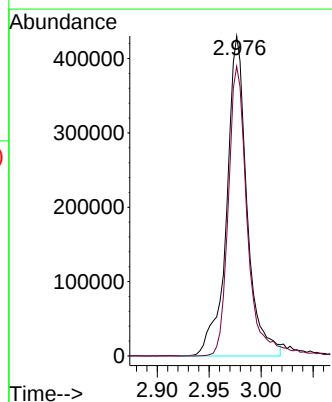
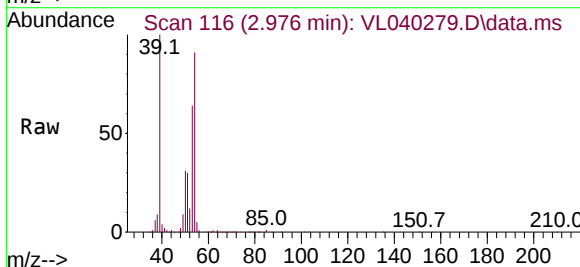
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

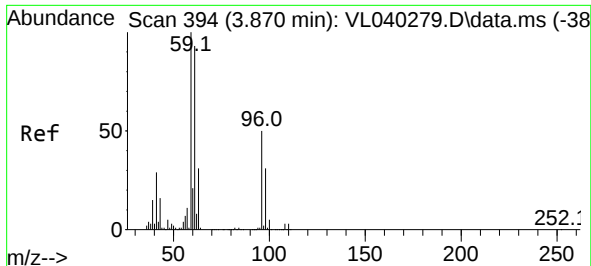
Tgt Ion: 43 Resp: 1183930
Ion Ratio Lower Upper
43 100
58 27.4 21.8 32.8



#16
1,3-Butadiene
Concen: 9.729 ppbv
RT: 2.976 min Scan# 116
Delta R.T. 0.000 min
Lab File: VL040279.D
Acq: 15 Mar 2023 11:35

Tgt Ion: 39 Resp: 588609
Ion Ratio Lower Upper
39 100
54 85.5 68.4 102.6





#17

tert-Butyl alcohol

Concen: 10.243 ppbv

RT: 3.870 min Scan# 394

Delta R.T. 0.000 min

Lab File: VL040279.D

Acq: 15 Mar 2023 11:35

Instrument :

MSVOA_L

ClientSampleId :

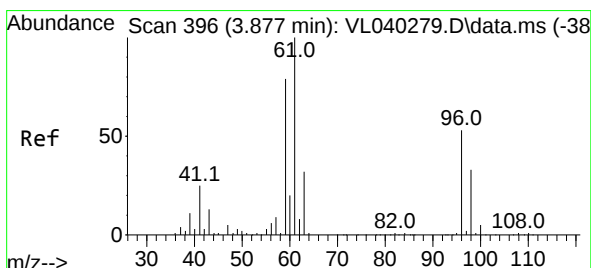
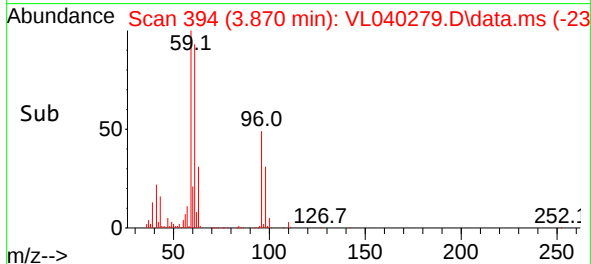
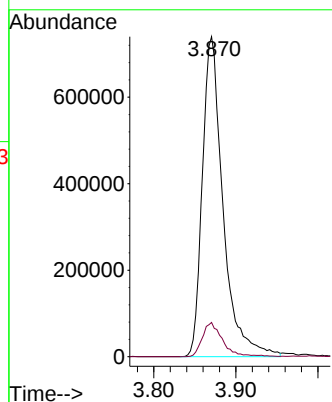
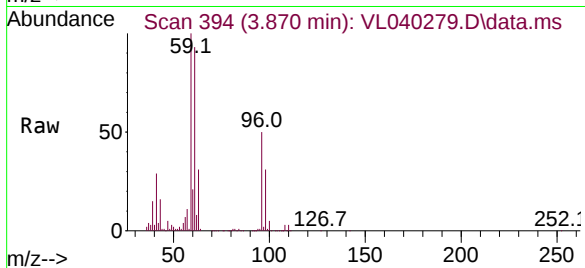
VSTDICCC010

Tgt Ion: 59 Resp: 1295772

Ion Ratio Lower Upper

59 100

57 10.7 8.5 12.7



#18

1,1-Dichloroethene

Concen: 9.508 ppbv

RT: 3.877 min Scan# 396

Delta R.T. 0.000 min

Lab File: VL040279.D

Acq: 15 Mar 2023 11:35

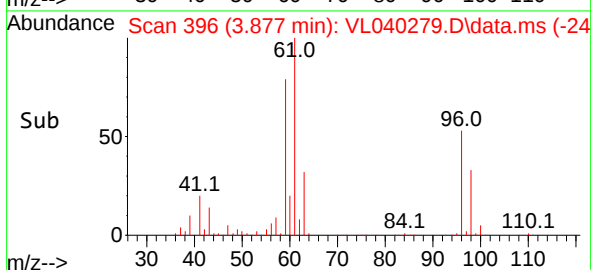
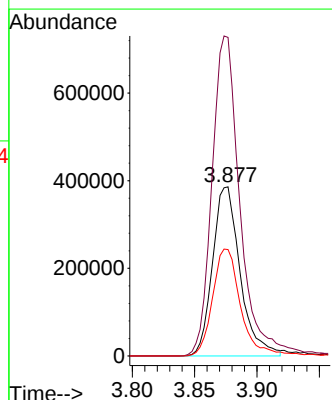
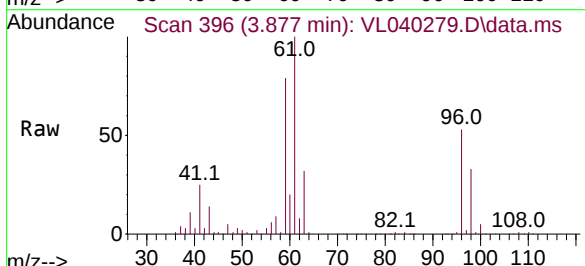
Tgt Ion: 96 Resp: 595372

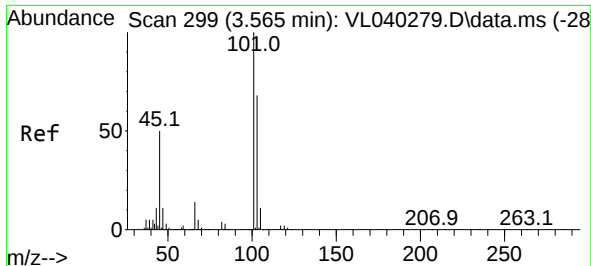
Ion Ratio Lower Upper

96 100

61 188.3 150.6 226.0

98 62.9 50.3 75.5

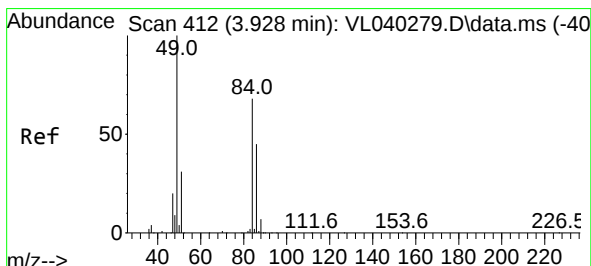
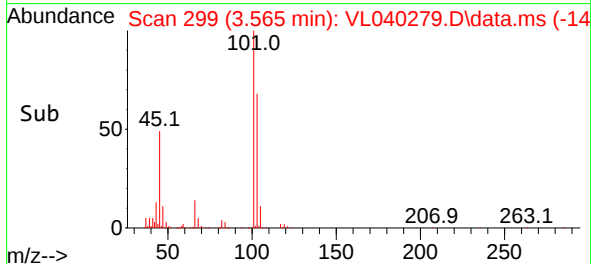
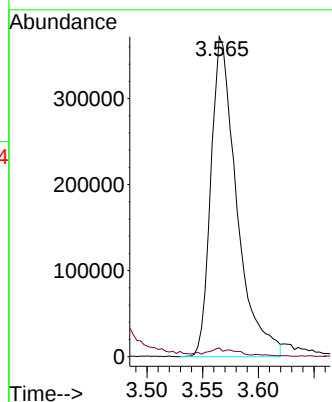
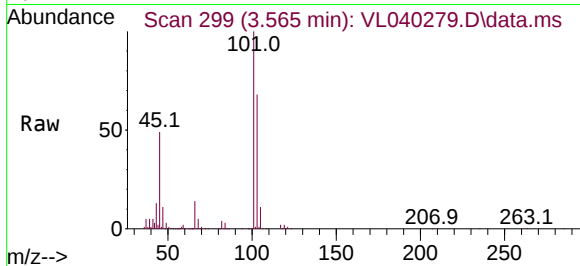




#19
Isopropyl Alcohol
Concen: 9.408 ppbv
RT: 3.565 min Scan# 299
Delta R.T. 0.000 min
Lab File: VL040279.D
Acq: 15 Mar 2023 11:35

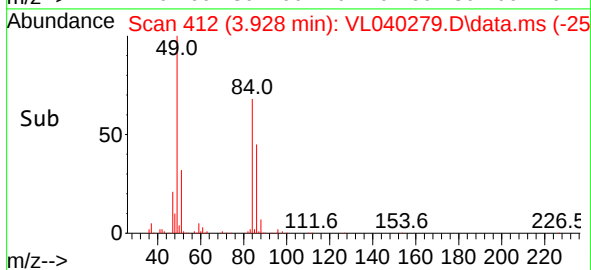
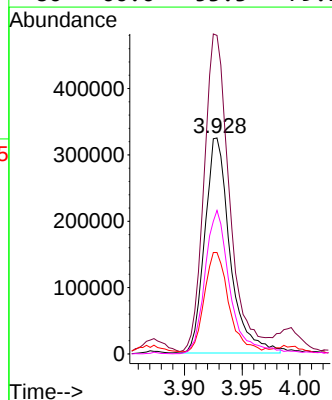
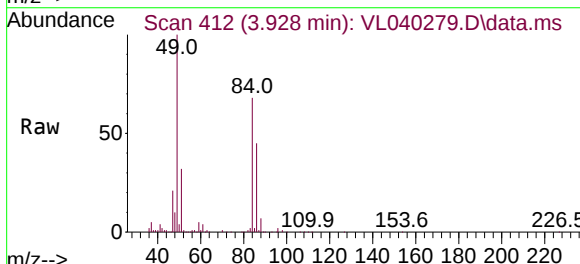
Instrument :
MSVOA_1
ClientSampleId :
VSTDICCC010

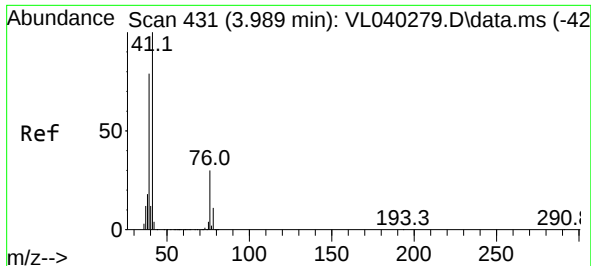
Tgt Ion: 45 Resp: 599848
Ion Ratio Lower Upper
45 100
58 3.7 2.7 4.1



#20
Methylene Chloride
Concen: 8.803 ppbv
RT: 3.928 min Scan# 412
Delta R.T. 0.000 min
Lab File: VL040279.D
Acq: 15 Mar 2023 11:35

Tgt Ion: 84 Resp: 492902
Ion Ratio Lower Upper
84 100
49 146.9 117.5 176.3
51 46.1 36.9 55.3
86 66.6 53.3 79.9

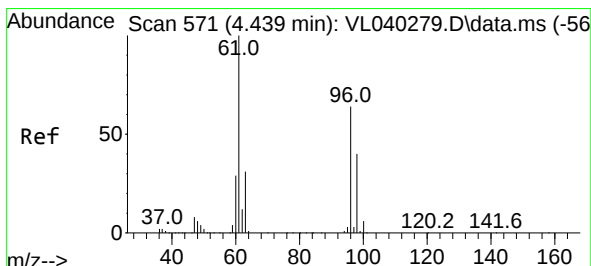
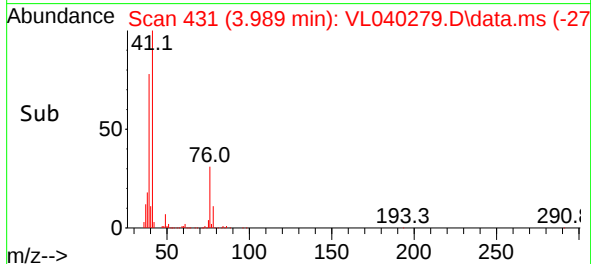
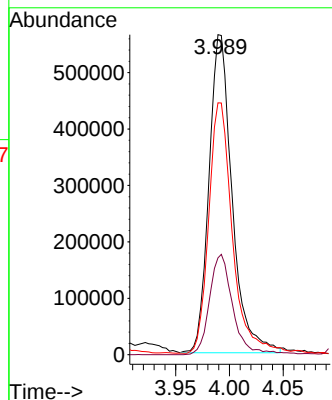
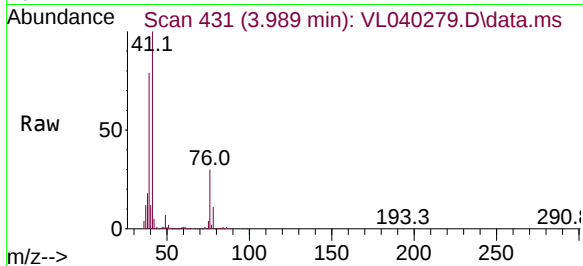




#21
 Allyl Chloride
 Concen: 9.809 ppbv
 RT: 3.989 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VL040279.D
 Acq: 15 Mar 2023 11:35

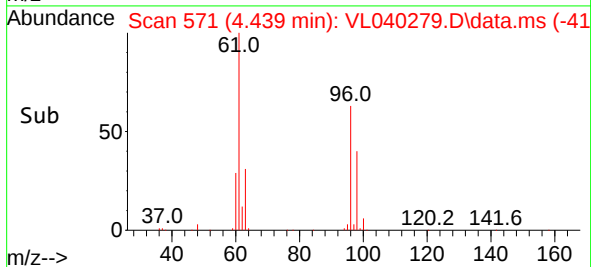
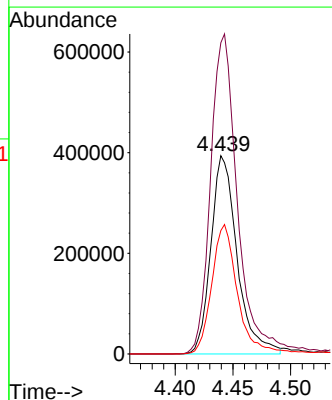
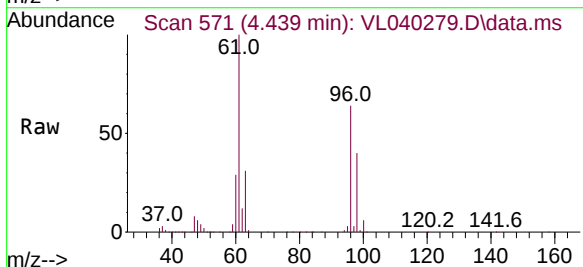
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010

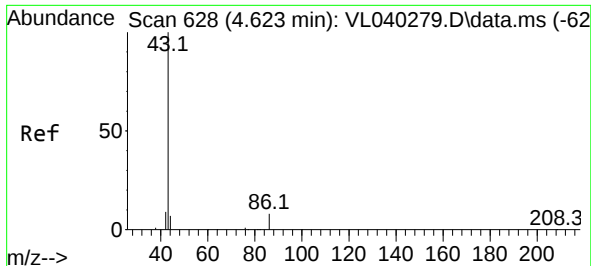
Tgt Ion: 41 Resp: 845692
 Ion Ratio Lower Upper
 41 100
 76 31.8 25.4 38.0
 39 81.6 65.4 98.2



#22
 trans-1,2-Dichloroethene
 Concen: 9.789 ppbv
 RT: 4.439 min Scan# 571
 Delta R.T. 0.000 min
 Lab File: VL040279.D
 Acq: 15 Mar 2023 11:35

Tgt Ion: 96 Resp: 623875
 Ion Ratio Lower Upper
 96 100
 61 156.8 125.4 188.2
 98 62.2 49.8 74.6



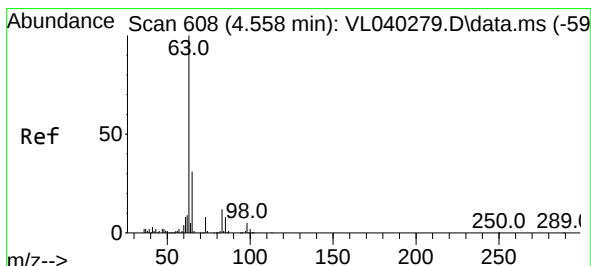
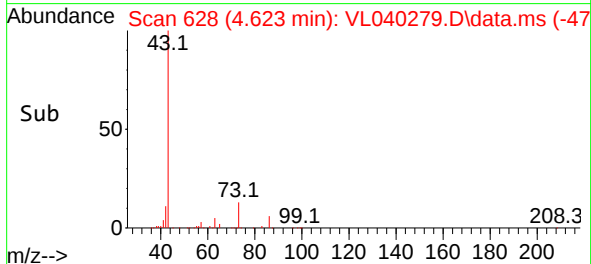
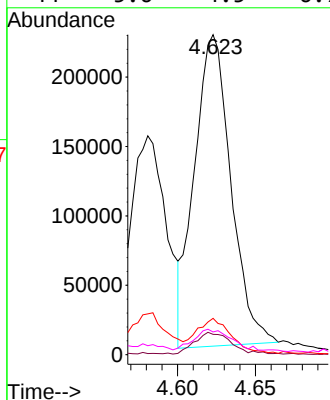
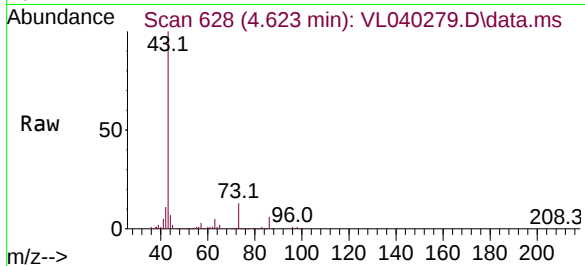


#23
 Vinyl Acetate
 Concen: 9.865 ppbv
 RT: 4.623 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: VL040279.D
 Acq: 15 Mar 2023 11:35

Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDICCC010

Tgt Ion: 43 Resp: 365302

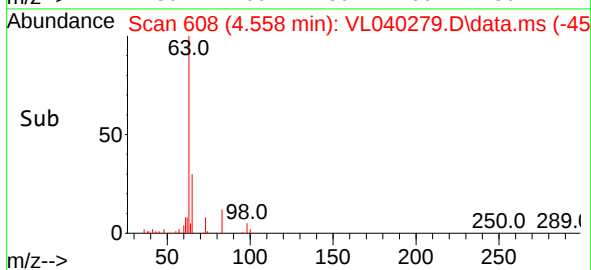
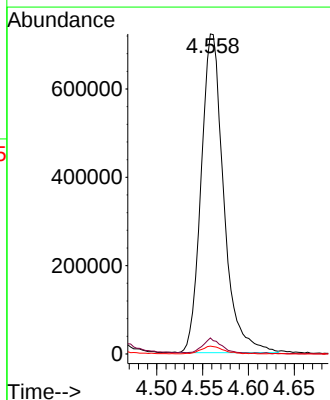
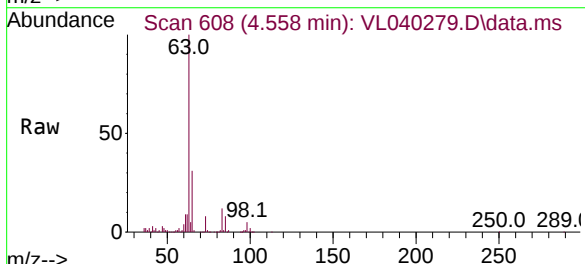
Ion	Ratio	Lower	Upper
43	100		
86	6.2	5.0	7.4
42	11.4	9.1	13.7
44	5.6	4.5	6.7

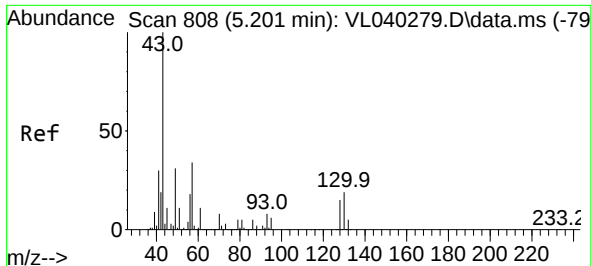


#24
 1,1-Dichloroethane
 Concen: 9.360 ppbv
 RT: 4.558 min Scan# 608
 Delta R.T. 0.000 min
 Lab File: VL040279.D
 Acq: 15 Mar 2023 11:35

Tgt Ion: 63 Resp: 1236212

Ion	Ratio	Lower	Upper
63	100		
98	4.8	2.4	7.2
100	2.4	1.2	3.6



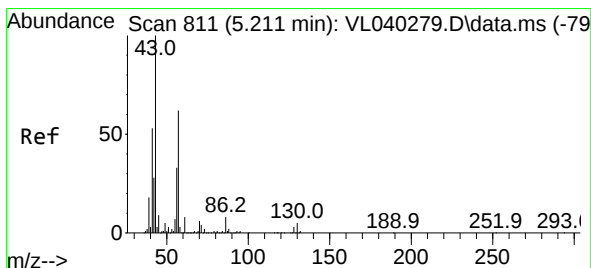
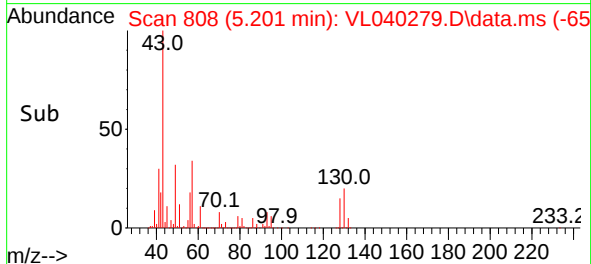
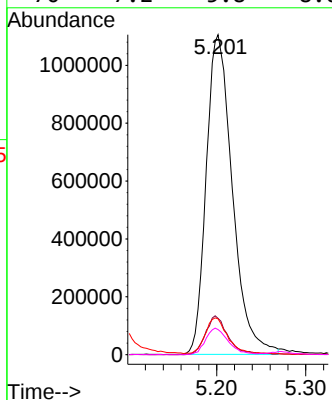
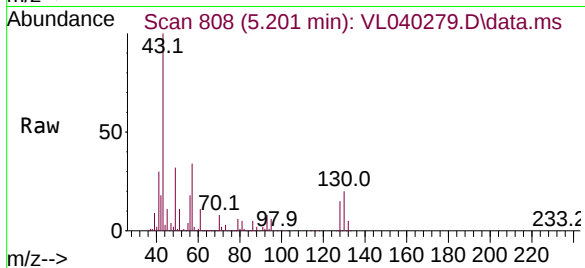


#25
Ethyl Acetate
Concen: 9.048 ppbv
RT: 5.201 min Scan# 808
Delta R.T. 0.000 min
Lab File: VL040279.D
Acq: 15 Mar 2023 11:35

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 43 Resp: 2254739

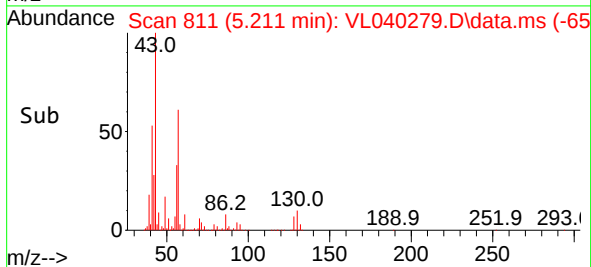
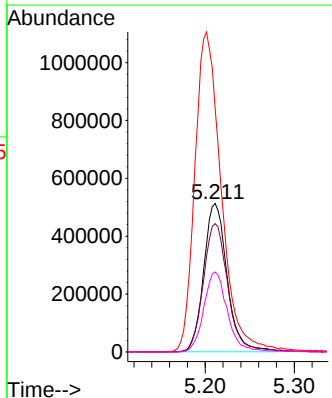
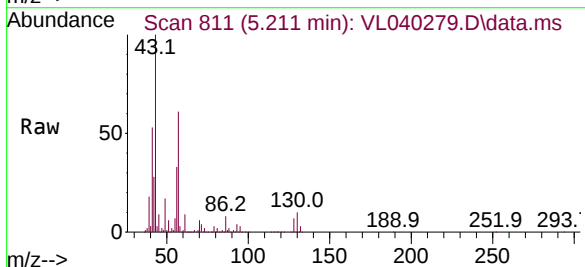
Ion	Ratio	Lower	Upper
43	100		
45	10.8	8.6	12.8
61	10.3	8.4	12.6
70	7.2	5.8	8.6

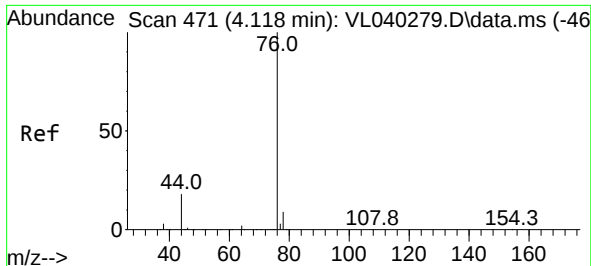


#26
Hexane
Concen: 9.142 ppbv
RT: 5.211 min Scan# 811
Delta R.T. 0.000 min
Lab File: VL040279.D
Acq: 15 Mar 2023 11:35

Tgt Ion: 57 Resp: 935060

Ion	Ratio	Lower	Upper
57	100		
41	91.8	73.5	110.3
43	244.6	196.3	294.5
56	54.8	43.8	65.8

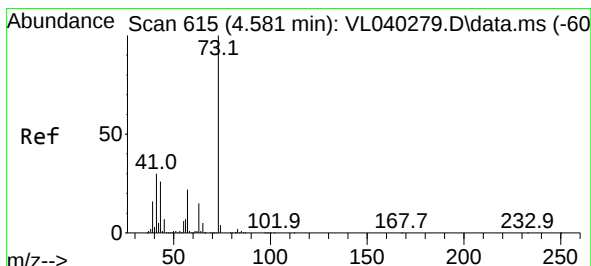
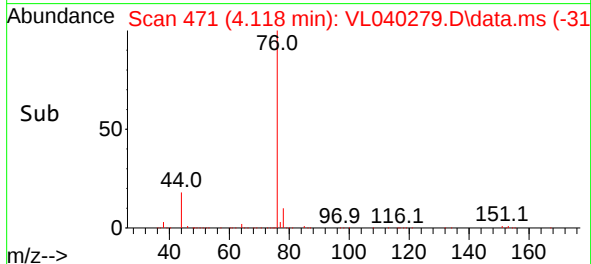
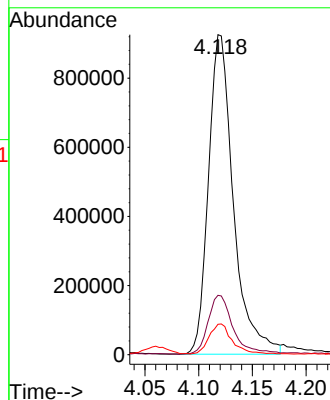
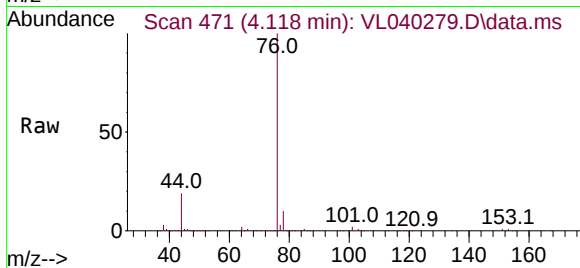




#27
Carbon Disulfide
Concen: 10.456 ppbv
RT: 4.118 min Scan# 471
Delta R.T. 0.000 min
Lab File: VL040279.D
Acq: 15 Mar 2023 11:35

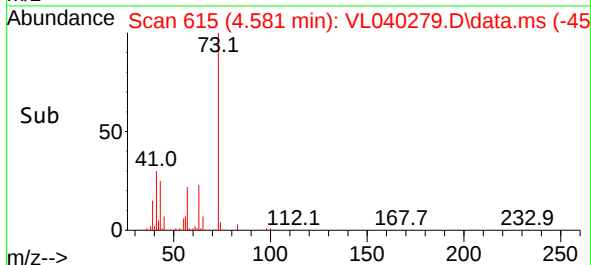
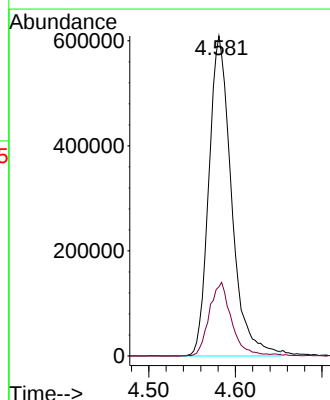
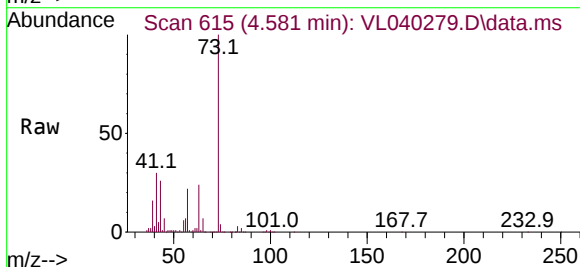
Instrument :
MSVOA_1
ClientSampleId :
VSTDICCC010

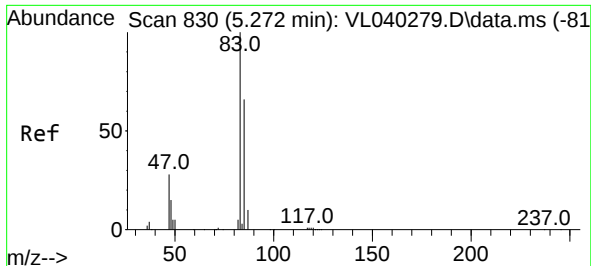
Tgt Ion: 76 Resp: 1493750
Ion Ratio Lower Upper
76 100
44 18.4 15.2 22.8
78 9.6 7.6 11.4



#28
Methyl tert-Butyl Ether
Concen: 9.417 ppbv
RT: 4.581 min Scan# 615
Delta R.T. 0.000 min
Lab File: VL040279.D
Acq: 15 Mar 2023 11:35

Tgt Ion: 73 Resp: 1106028
Ion Ratio Lower Upper
73 100
57 23.0 18.4 27.6





#29

Chloroform

Concen: 8.381 ppbv

RT: 5.272 min Scan# 81

Delta R.T. 0.000 min

Lab File: VL040279.D

Acq: 15 Mar 2023 11:35

Instrument :

MSVOA_L

ClientSampleId :

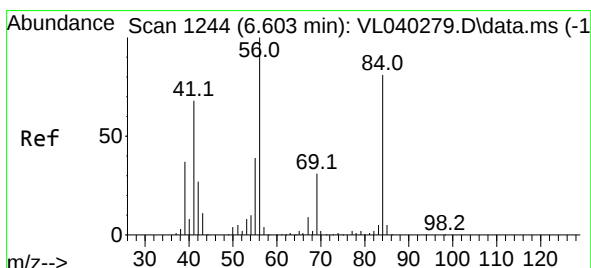
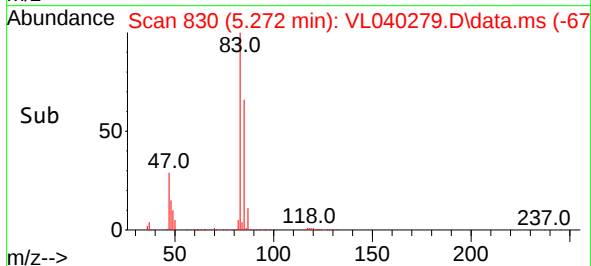
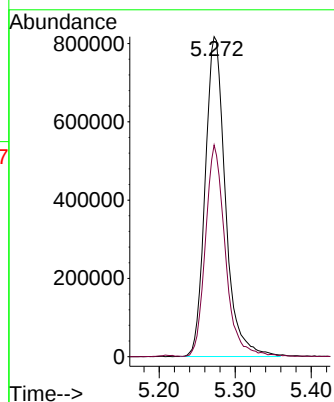
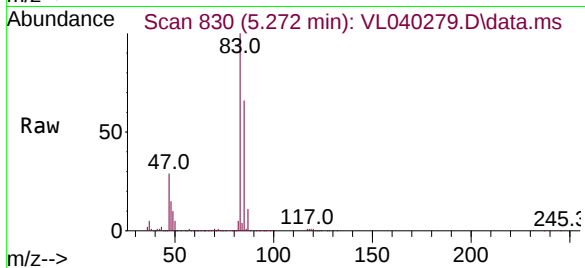
VSTDICCC010

Tgt Ion: 83 Resp: 1513814

Ion Ratio Lower Upper

83 100

85 66.0 52.8 79.2



#30

Cyclohexane

Concen: 10.319 ppbv

RT: 6.603 min Scan# 1244

Delta R.T. 0.000 min

Lab File: VL040279.D

Acq: 15 Mar 2023 11:35

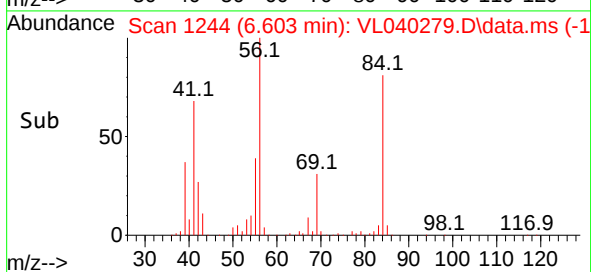
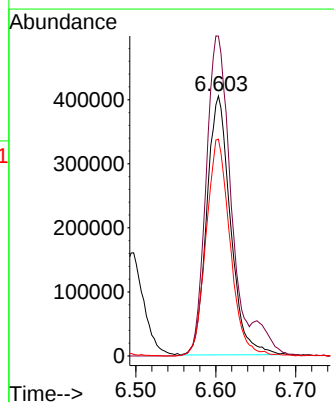
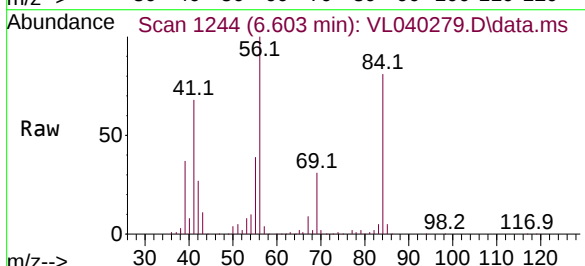
Tgt Ion: 84 Resp: 831751

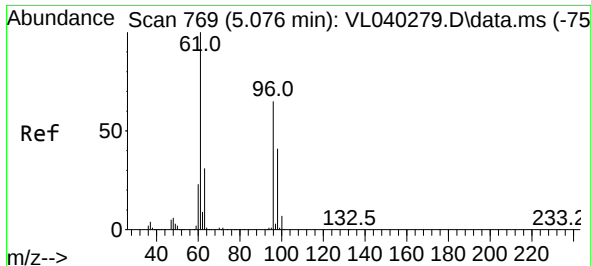
Ion Ratio Lower Upper

84 100

56 136.2 109.0 163.4

41 84.9 67.9 101.9

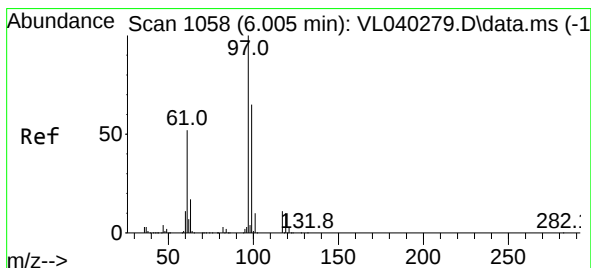
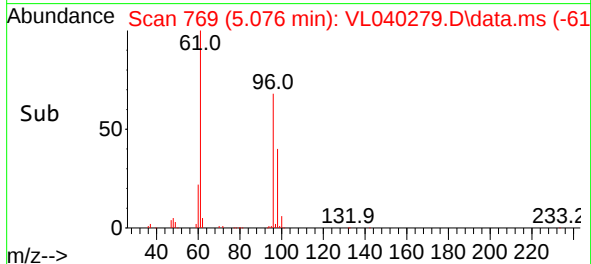
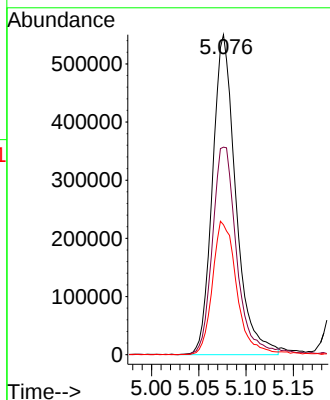
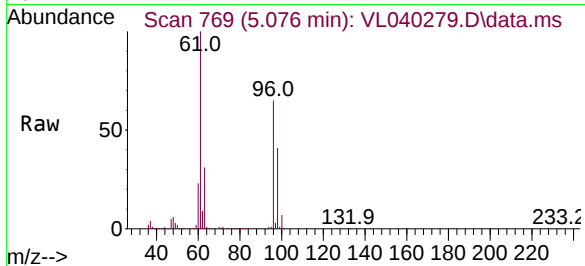




#31
 cis-1,2-Dichloroethene
 Concen: 9.482 ppbv
 RT: 5.076 min Scan# 769
 Delta R.T. 0.000 min
 Lab File: VL040279.D
 Acq: 15 Mar 2023 11:35

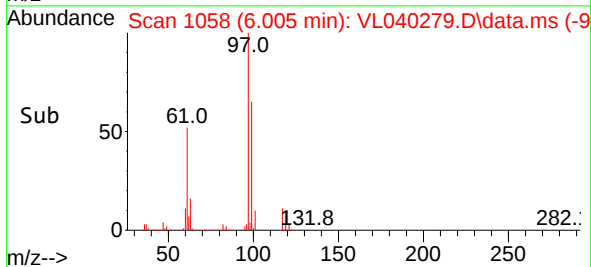
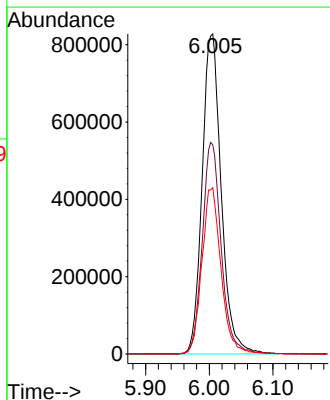
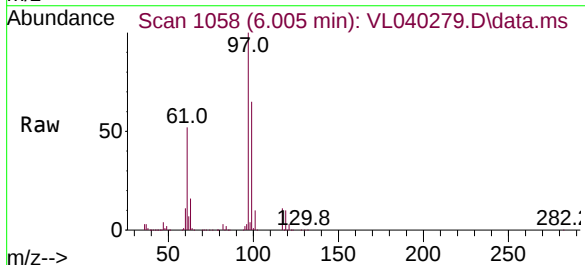
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010

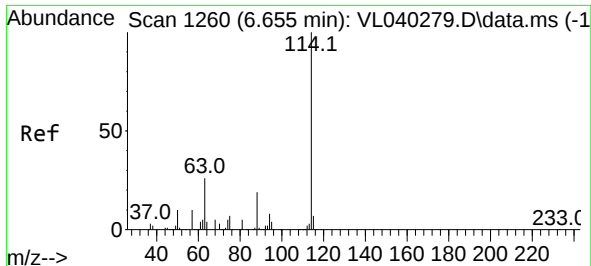
Tgt Ion: 61 Resp: 944562
 Ion Ratio Lower Upper
 61 100
 96 64.8 51.8 77.8
 98 40.6 32.5 48.7



#32
 1,1,1-Trichloroethane
 Concen: 9.995 ppbv
 RT: 6.005 min Scan# 1058
 Delta R.T. 0.000 min
 Lab File: VL040279.D
 Acq: 15 Mar 2023 11:35

Tgt Ion: 97 Resp: 1729492
 Ion Ratio Lower Upper
 97 100
 99 65.2 52.2 78.2
 61 52.0 41.4 62.2





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.655 min Scan# 114

Delta R.T. 0.000 min

Lab File: VL040279.D

Acq: 15 Mar 2023 11:35

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

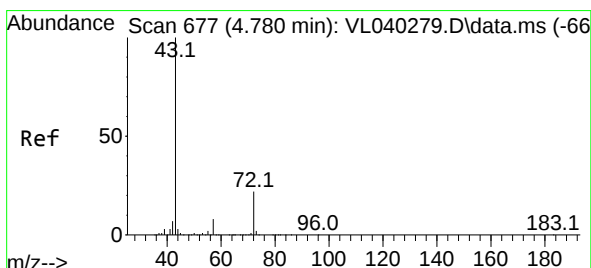
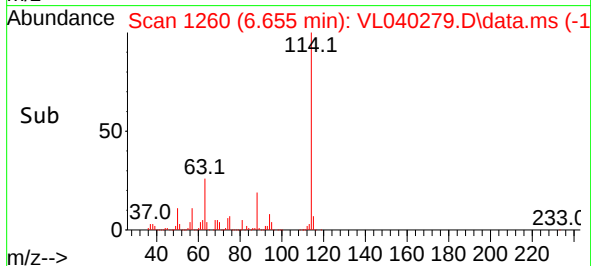
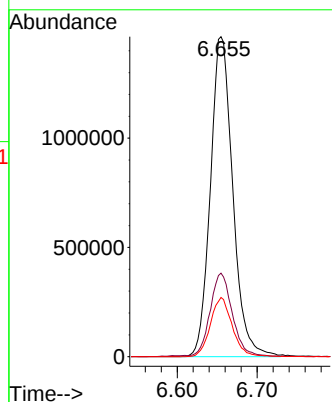
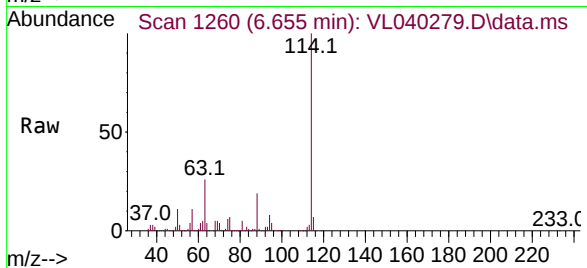
Tgt Ion:114 Resp: 2845395

Ion Ratio Lower Upper

114 100

63 26.5 21.2 31.8

88 18.1 14.5 21.7



#34

2-Butanone

Concen: 9.625 ppbv

RT: 4.780 min Scan# 677

Delta R.T. 0.000 min

Lab File: VL040279.D

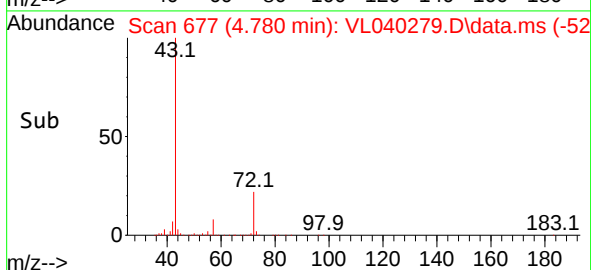
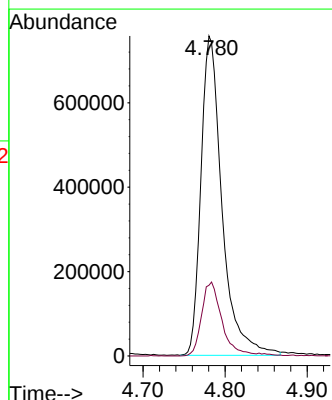
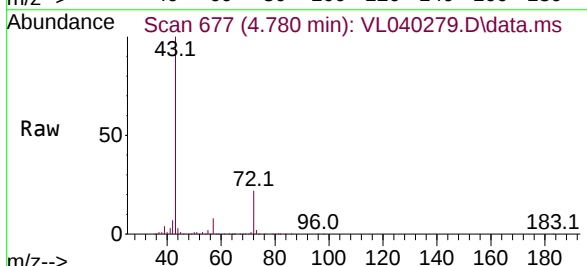
Acq: 15 Mar 2023 11:35

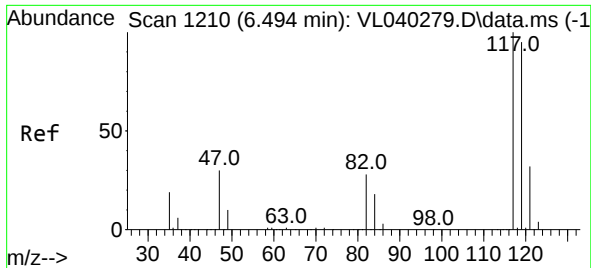
Tgt Ion: 43 Resp: 1351657

Ion Ratio Lower Upper

43 100

72 22.8 18.3 27.5

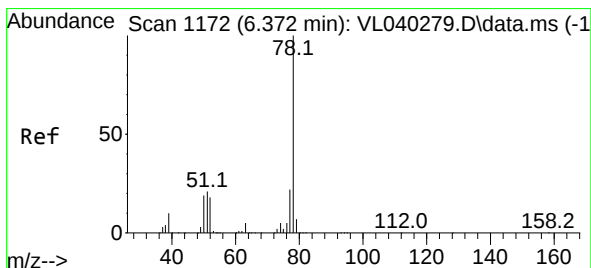
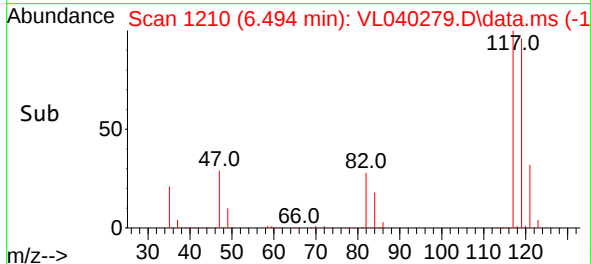
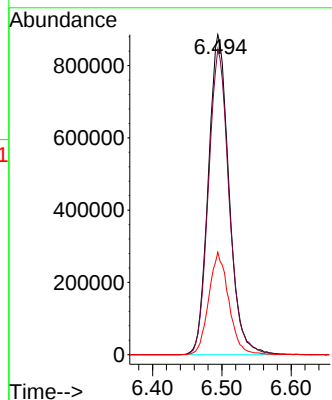
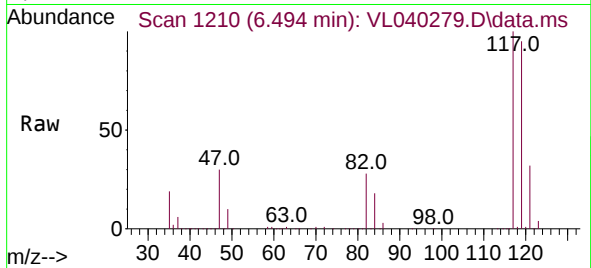




#35
Carbon Tetrachloride
Concen: 10.275 ppbv
RT: 6.494 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VL040279.D
Acq: 15 Mar 2023 11:35

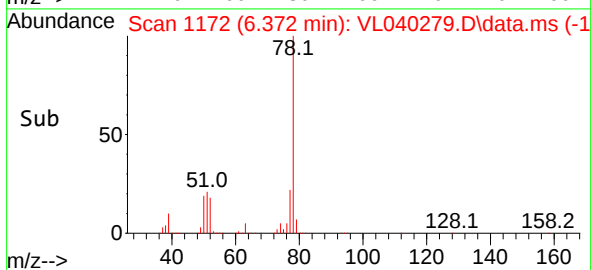
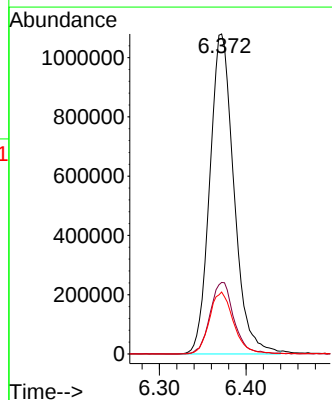
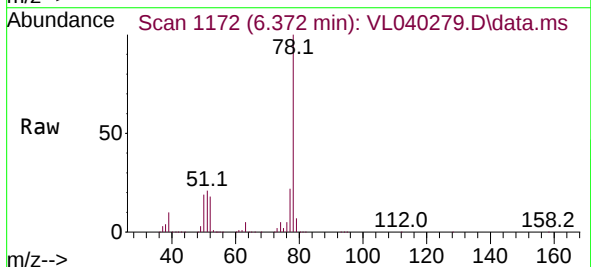
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

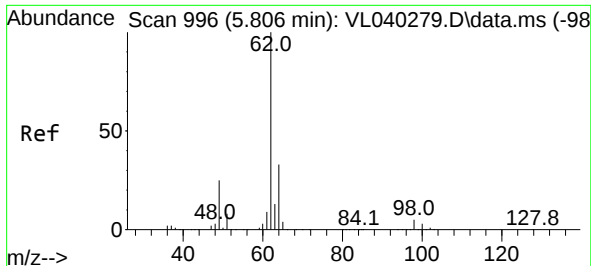
Tgt Ion:117 Resp: 1834696
Ion Ratio Lower Upper
117 100
119 95.5 76.4 114.6
121 32.0 25.6 38.4



#36
Benzene
Concen: 9.638 ppbv
RT: 6.372 min Scan# 1172
Delta R.T. 0.000 min
Lab File: VL040279.D
Acq: 15 Mar 2023 11:35

Tgt Ion: 78 Resp: 2089884
Ion Ratio Lower Upper
78 100
77 22.3 17.8 26.8
50 19.3 15.4 23.2

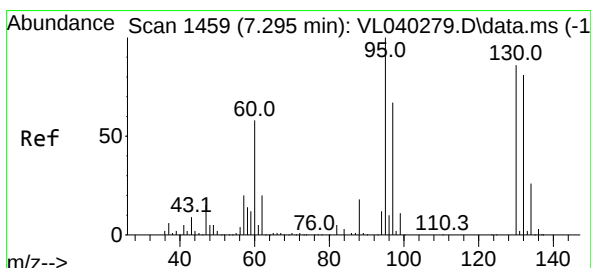
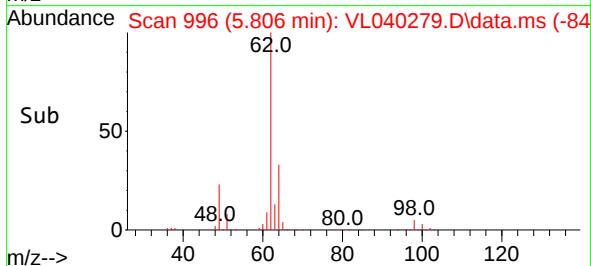
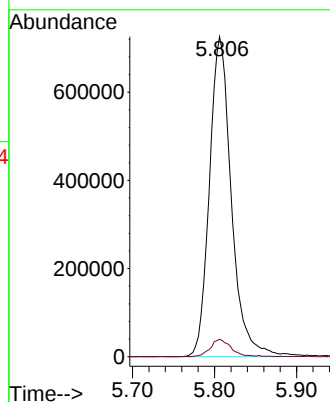
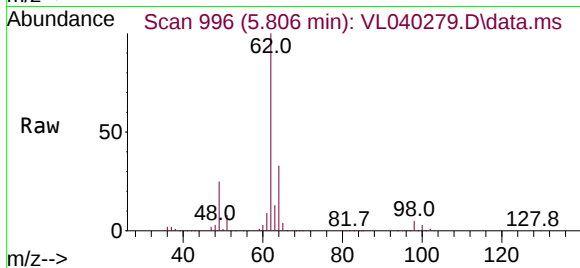




#37
1,2-Dichloroethane
Concen: 9.531 ppbv
RT: 5.806 min Scan# 996
Delta R.T. 0.000 min
Lab File: VL040279.D
Acq: 15 Mar 2023 11:35

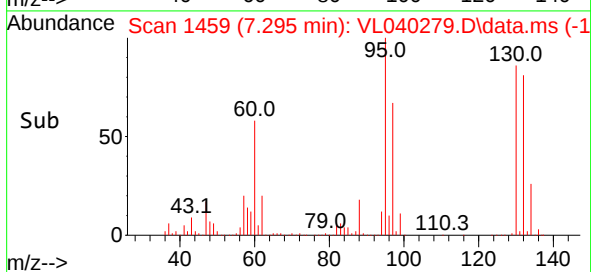
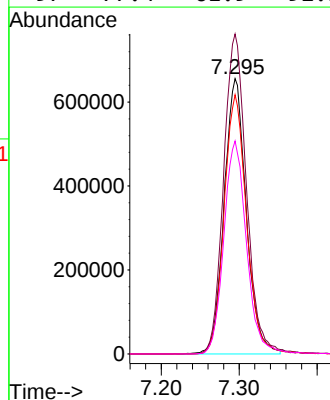
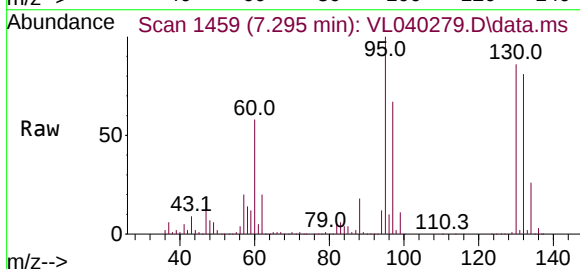
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

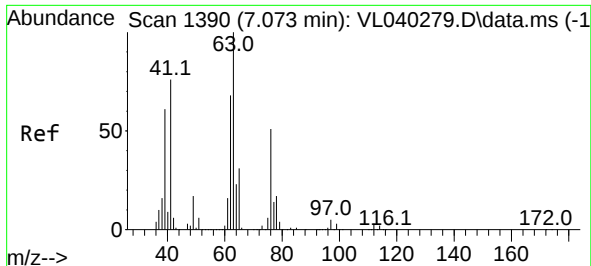
Tgt Ion: 62 Resp: 1345224
Ion Ratio Lower Upper
62 100
98 5.4 4.3 6.5



#38
Trichloroethene
Concen: 10.933 ppbv
RT: 7.295 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VL040279.D
Acq: 15 Mar 2023 11:35

Tgt Ion:130 Resp: 1295571
Ion Ratio Lower Upper
130 100
95 116.2 93.0 139.4
132 94.1 75.3 112.9
97 77.4 61.9 92.9





#39

1,2-Dichloropropane

Concen: 9.555 ppbv

RT: 7.073 min Scan# 11

Delta R.T. 0.000 min

Lab File: VL040279.D

Acq: 15 Mar 2023 11:35

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

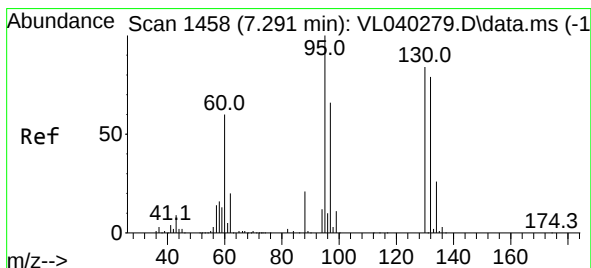
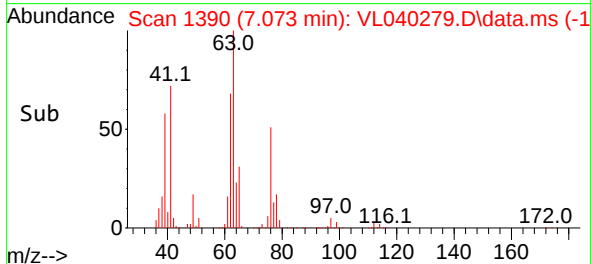
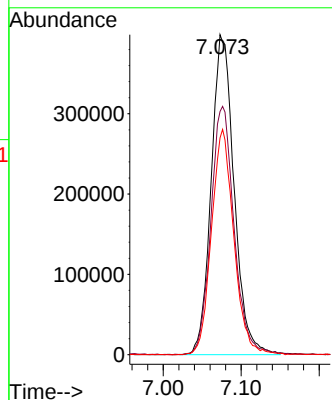
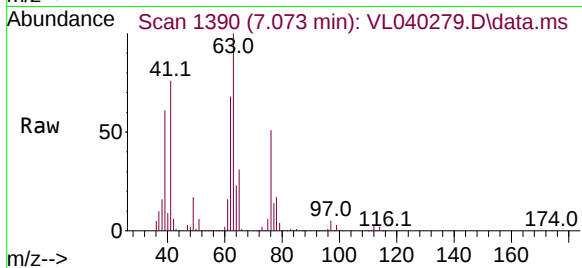
Tgt Ion: 63 Resp: 812914

Ion Ratio Lower Upper

63 100

41 76.0 60.8 91.2

62 67.6 54.1 81.1



#40

1,4-Dioxane

Concen: 10.157 ppbv

RT: 7.291 min Scan# 1458

Delta R.T. 0.000 min

Lab File: VL040279.D

Acq: 15 Mar 2023 11:35

Tgt Ion: 88 Resp: 341839

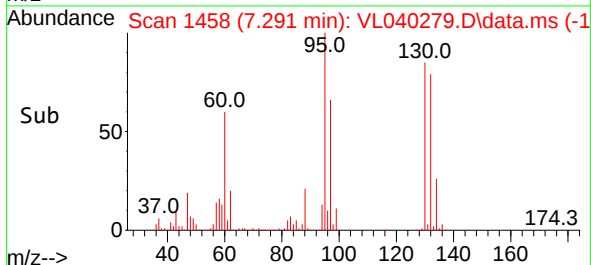
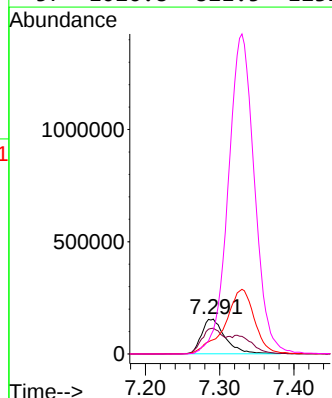
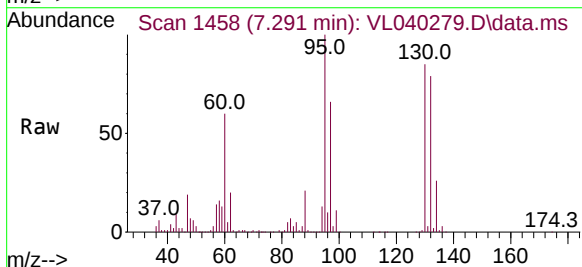
Ion Ratio Lower Upper

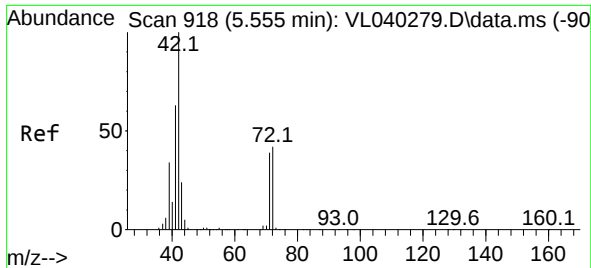
88 100

58 119.6 96.0 144.0

43 233.5 187.6 281.4

57 1026.8 821.5 1232.3

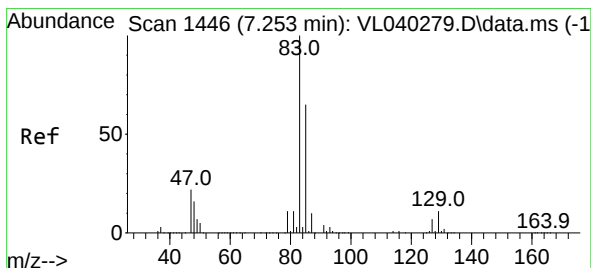
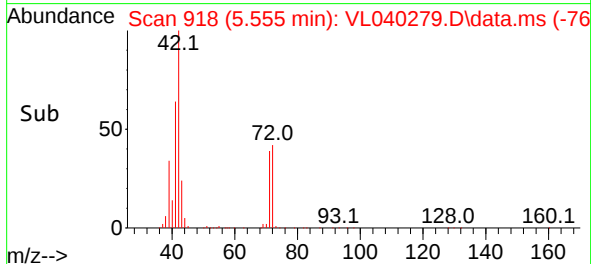
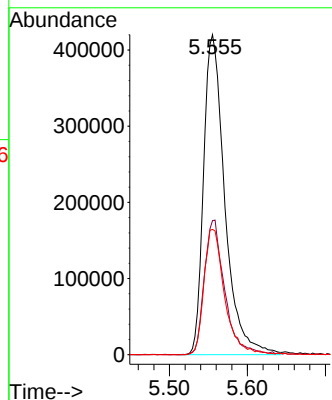
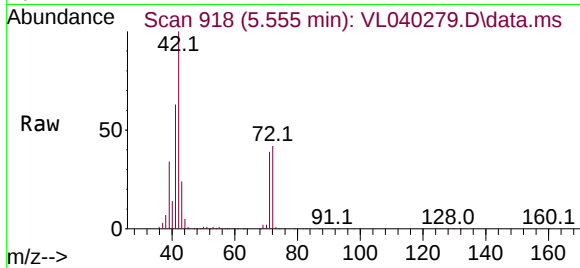




#41
Tetrahydrofuran
Concen: 9.809 ppbv
RT: 5.555 min Scan# 918
Delta R.T. 0.000 min
Lab File: VL040279.D
Acq: 15 Mar 2023 11:35

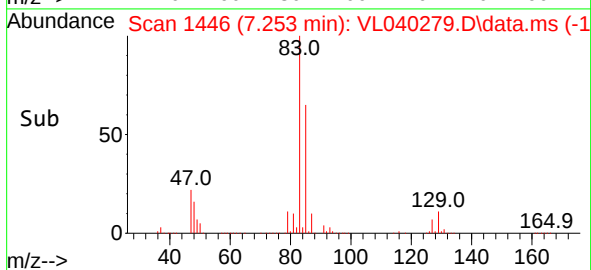
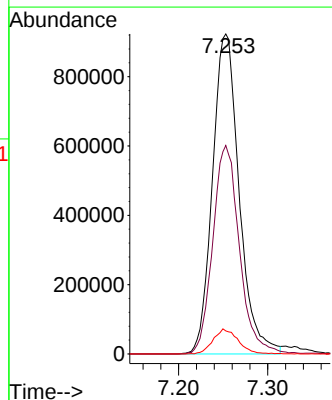
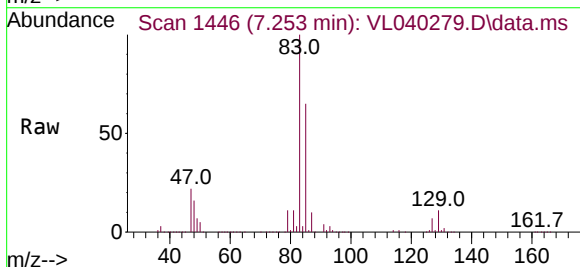
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

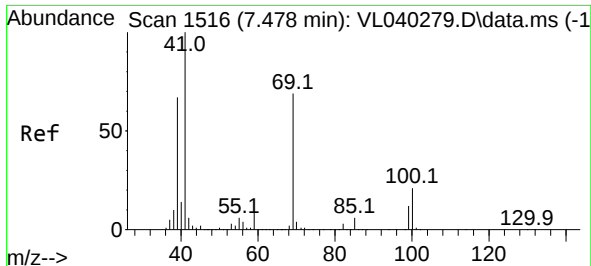
Tgt Ion: 42 Resp: 794985
Ion Ratio Lower Upper
42 100
72 40.7 32.6 49.0
71 38.6 31.0 46.4



#42
Bromodichloromethane
Concen: 9.964 ppbv
RT: 7.253 min Scan# 1446
Delta R.T. 0.000 min
Lab File: VL040279.D
Acq: 15 Mar 2023 11:35

Tgt Ion: 83 Resp: 1921781
Ion Ratio Lower Upper
83 100
85 65.1 52.1 78.1
127 7.2 5.8 8.6

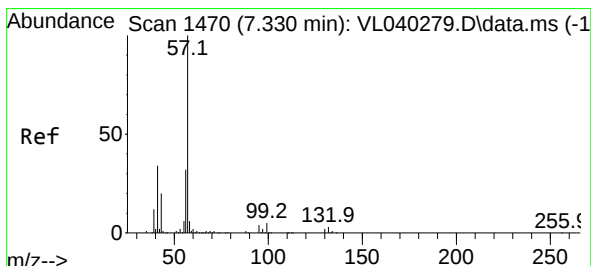
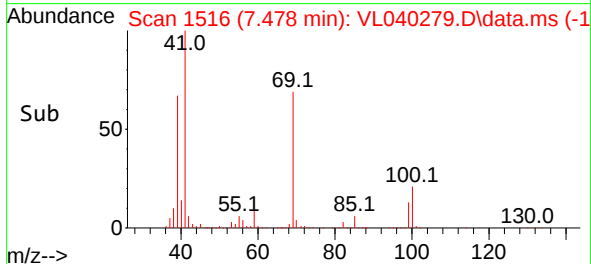
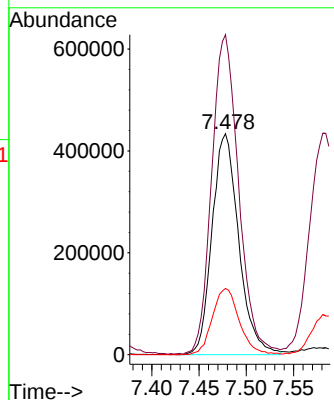
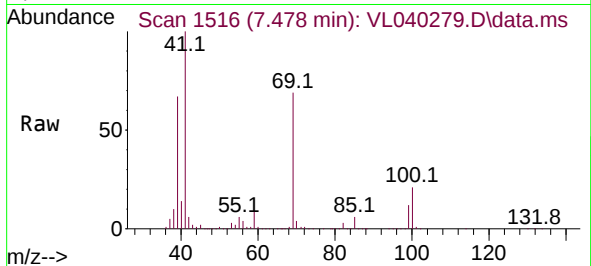




#43
Methyl Methacrylate
Concen: 10.560 ppbv
RT: 7.478 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VL040279.D
Acq: 15 Mar 2023 11:35

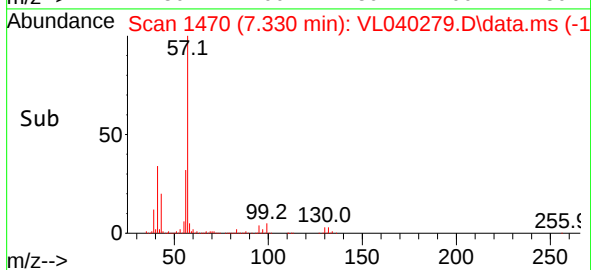
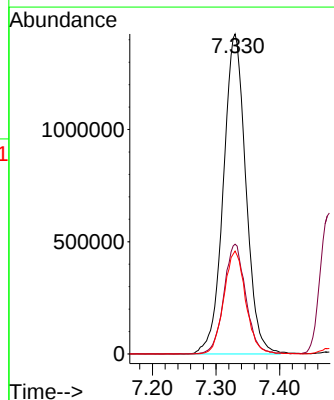
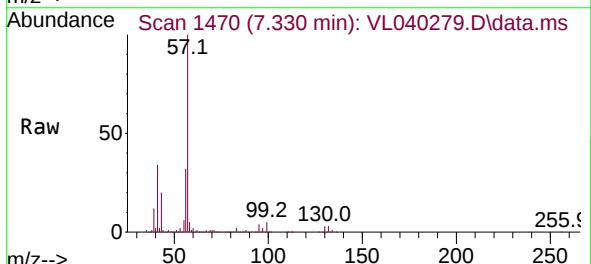
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

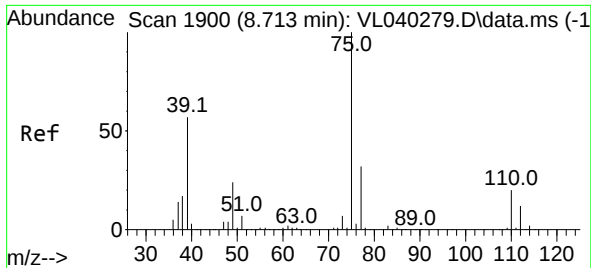
Tgt Ion: 69 Resp: 850988
Ion Ratio Lower Upper
69 100
41 146.1 116.9 175.3
100 30.3 24.2 36.4



#44
2,2,4-Trimethylpentane
Concen: 9.682 ppbv
RT: 7.330 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VL040279.D
Acq: 15 Mar 2023 11:35

Tgt Ion: 57 Resp: 3500455
Ion Ratio Lower Upper
57 100
41 33.5 26.8 40.2
56 31.3 25.0 37.6

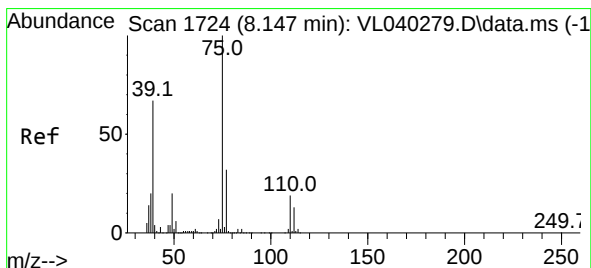
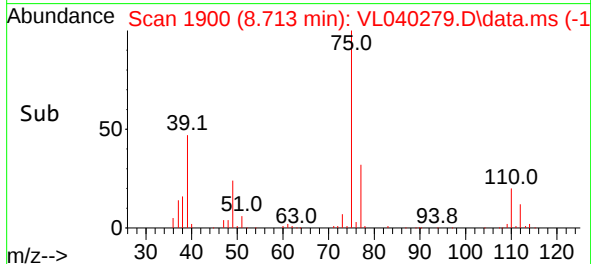
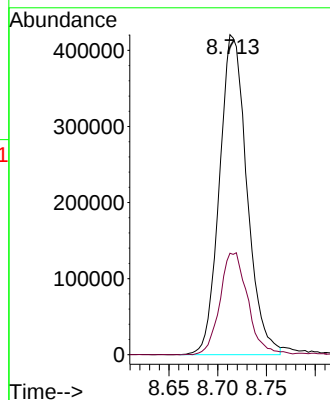
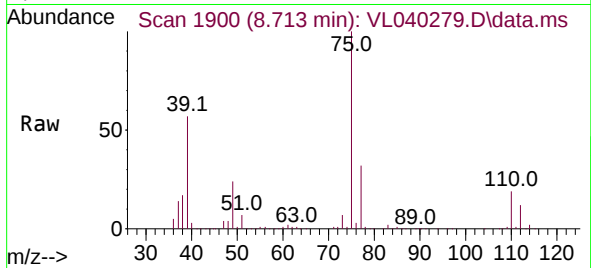




#45
 t-1,3-Dichloropropene
 Concen: 11.737 ppbv
 RT: 8.713 min Scan# 1900
 Delta R.T. 0.000 min
 Lab File: VL040279.D
 Acq: 15 Mar 2023 11:35

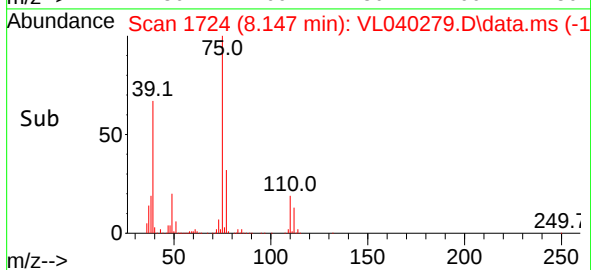
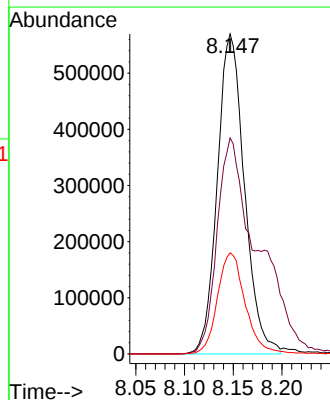
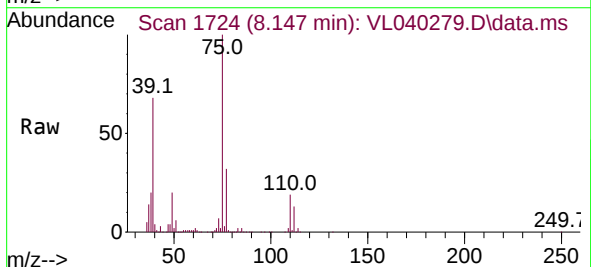
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDICCC010

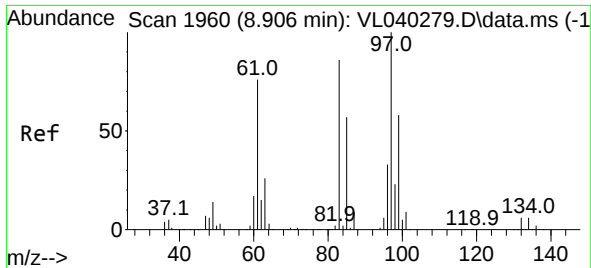
Tgt Ion: 75 Resp: 824460
 Ion Ratio Lower Upper
 75 100
 77 31.7 25.4 38.0



#46
 cis-1,3-Dichloropropene
 Concen: 11.058 ppbv
 RT: 8.147 min Scan# 1724
 Delta R.T. 0.000 min
 Lab File: VL040279.D
 Acq: 15 Mar 2023 11:35

Tgt Ion: 75 Resp: 1103096
 Ion Ratio Lower Upper
 75 100
 39 67.4 53.9 80.9
 77 31.6 25.3 37.9

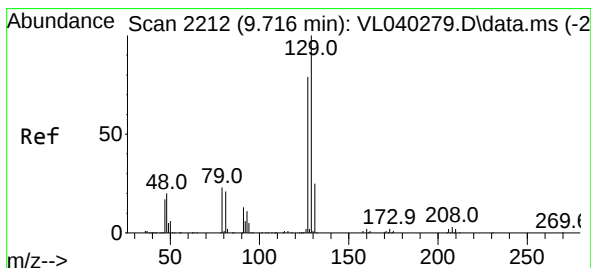
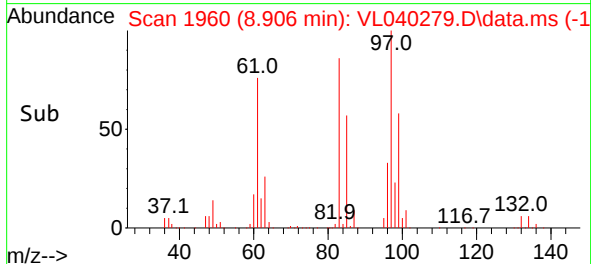
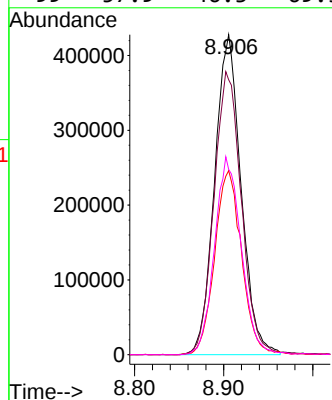
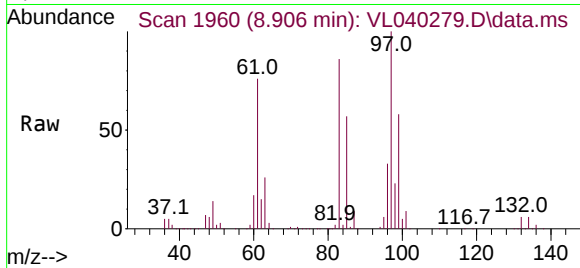




#47
1,1,2-Trichloroethane
Concen: 9.724 ppbv
RT: 8.906 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VL040279.D
Acq: 15 Mar 2023 11:35

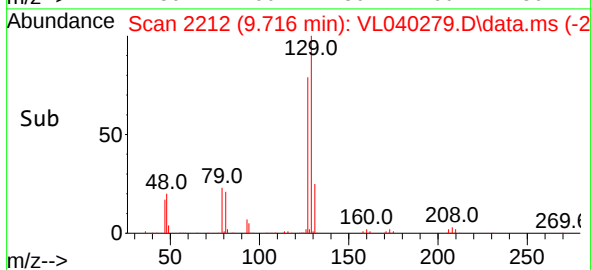
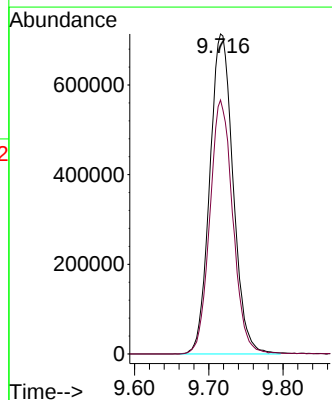
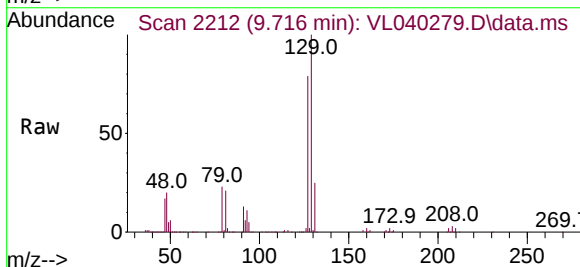
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

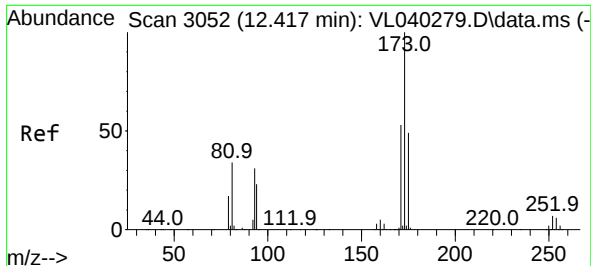
Tgt Ion: 97	Resp: 882650
Ion Ratio	Lower Upper
97 100	
83 85.8	68.6 103.0
85 57.5	46.0 69.0
99 57.9	46.3 69.5



#48
Dibromochloromethane
Concen: 10.440 ppbv
RT: 9.716 min Scan# 2212
Delta R.T. 0.000 min
Lab File: VL040279.D
Acq: 15 Mar 2023 11:35

Tgt	Ion:129	Resp:	1559559
Ion	Ratio	Lower	Upper
129	100		
127	78.2	39.1	117.5

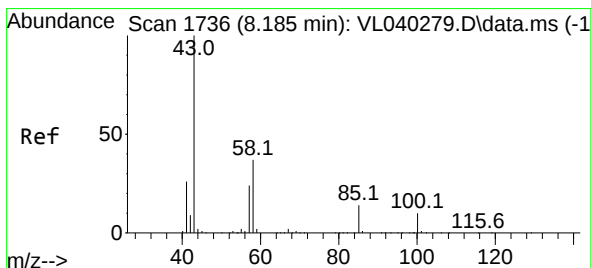
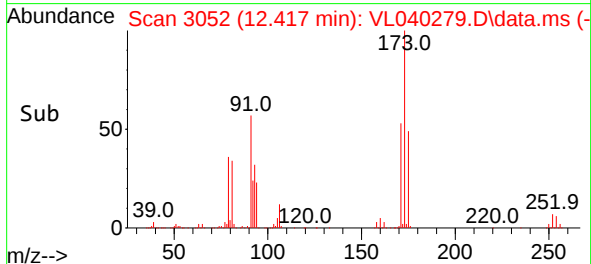
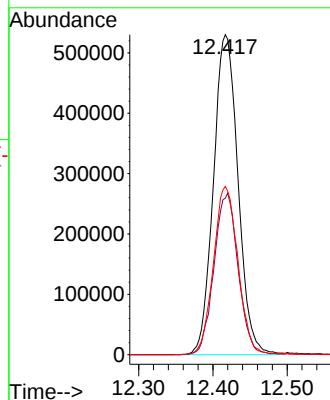
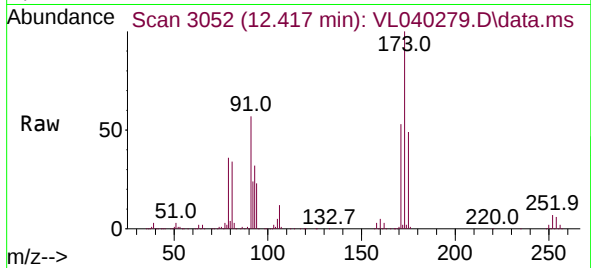




#49
Bromoform
Concen: 10.864 ppbv
RT: 12.417 min Scan# 3052
Delta R.T. 0.000 min
Lab File: VL040279.D
Acq: 15 Mar 2023 11:35

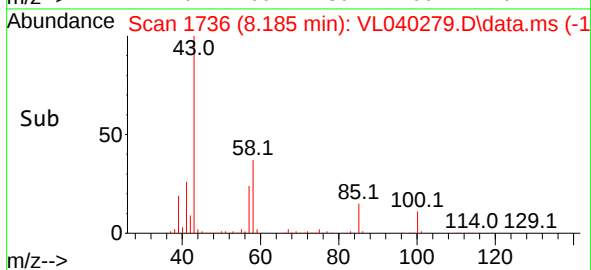
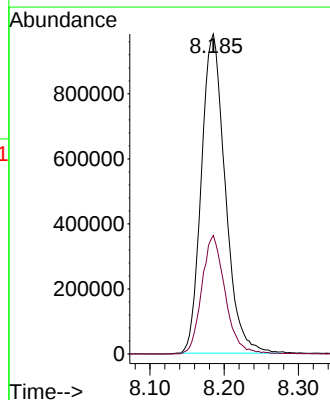
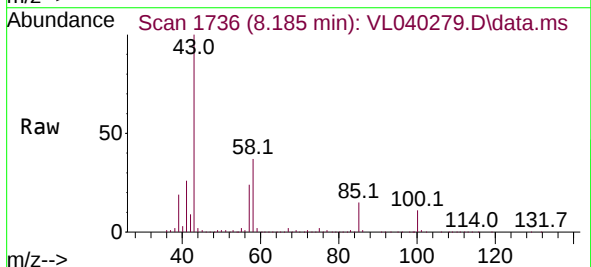
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

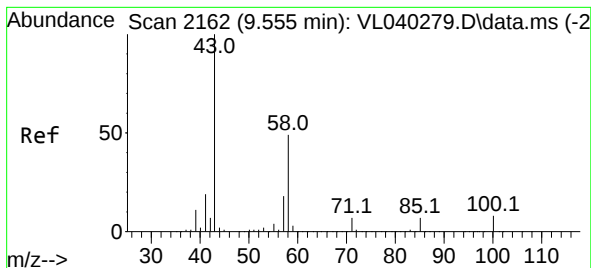
Tgt Ion:173 Resp: 1218893
Ion Ratio Lower Upper
173 100
175 49.8 39.8 59.8
171 52.7 42.2 63.4



#50
4-Methyl-2-Pentanone
Concen: 10.080 ppbv
RT: 8.185 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VL040279.D
Acq: 15 Mar 2023 11:35

Tgt Ion: 43 Resp: 2190574
Ion Ratio Lower Upper
43 100
58 36.5 29.2 43.8





#51

2-Hexanone

Concen: 10.356 ppbv

RT: 9.555 min Scan# 2162

Delta R.T. 0.000 min

Lab File: VL040279.D

Acq: 15 Mar 2023 11:35

Instrument :

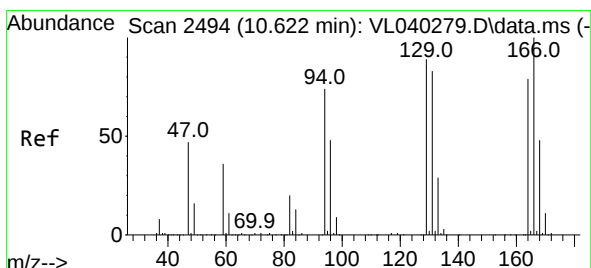
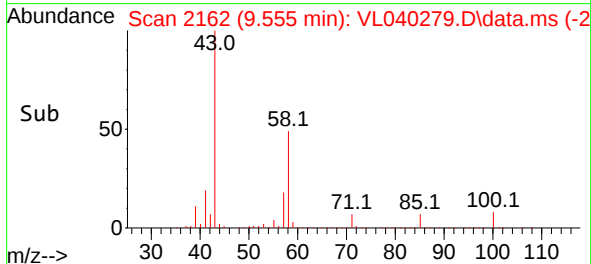
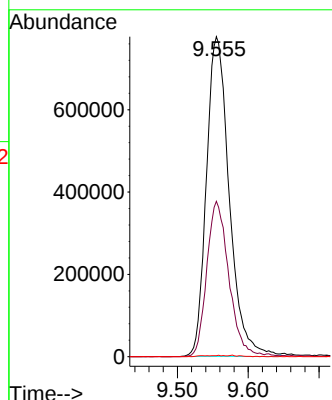
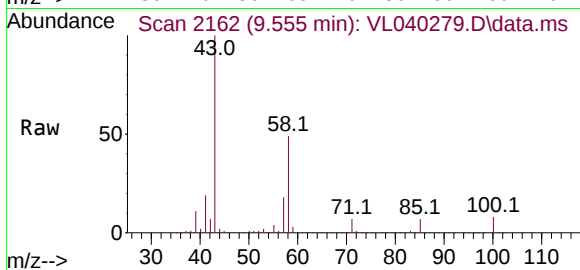
MSVOA_L

ClientSampleId :

VSTDICCC010

Tgt Ion: 43 Resp: 1743496

Ion	Ratio	Lower	Upper
43	100		
58	47.5	38.0	57.0
98	0.6	0.5	0.7



#52

Tetrachloroethene

Concen: 10.865 ppbv

RT: 10.622 min Scan# 2494

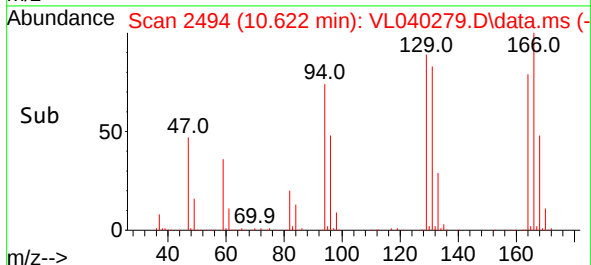
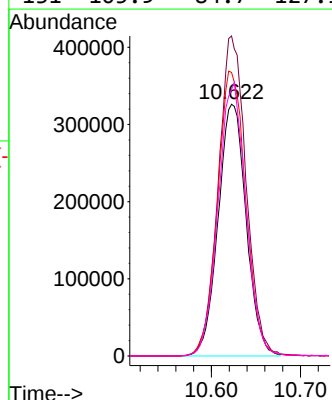
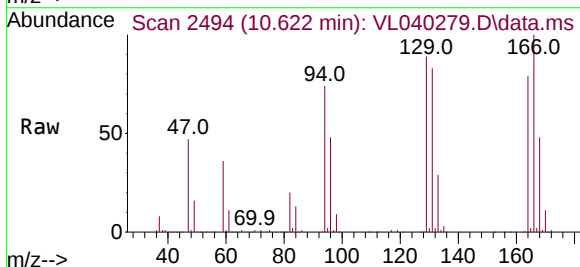
Delta R.T. 0.000 min

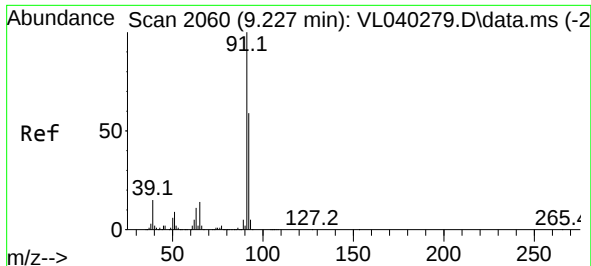
Lab File: VL040279.D

Acq: 15 Mar 2023 11:35

Tgt Ion: 164 Resp: 712761

Ion	Ratio	Lower	Upper
164	100		
166	127.2	101.8	152.6
129	112.7	90.2	135.2
131	105.9	84.7	127.1

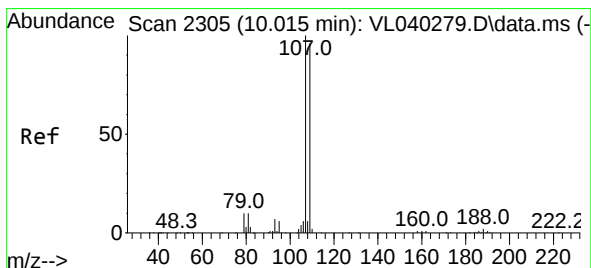
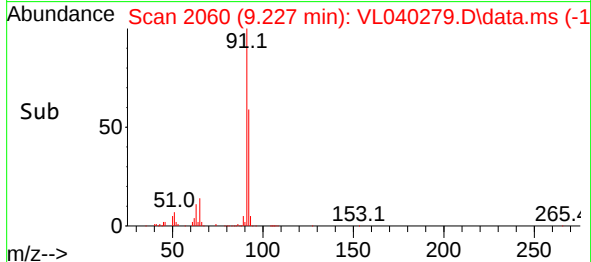
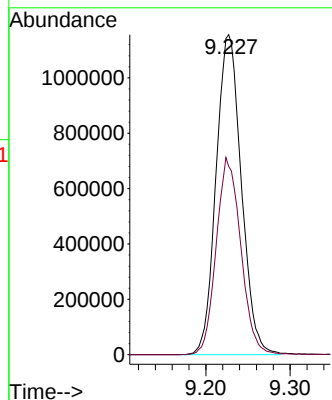
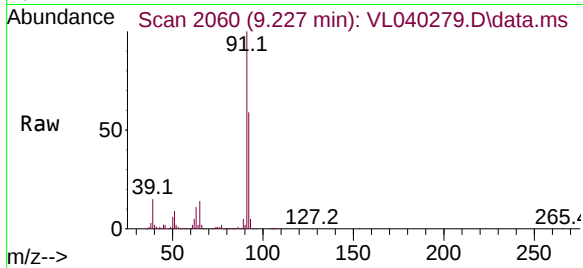




#53
Toluene
Concen: 10.582 ppbv
RT: 9.227 min Scan# 2060
Delta R.T. 0.000 min
Lab File: VL040279.D
Acq: 15 Mar 2023 11:35

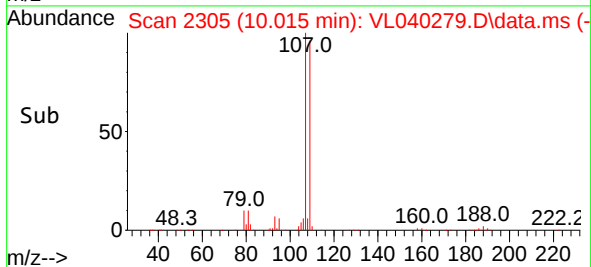
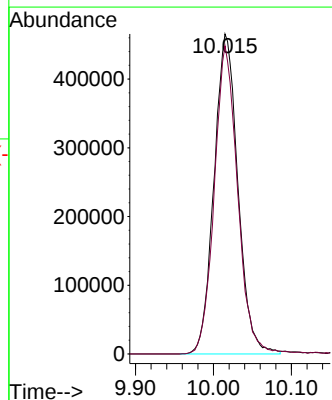
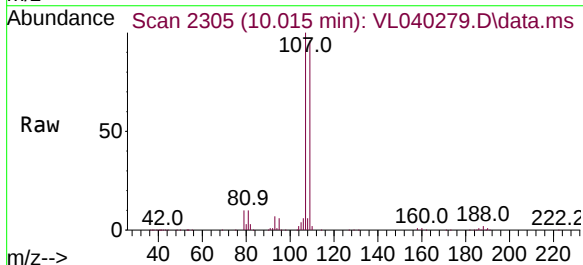
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

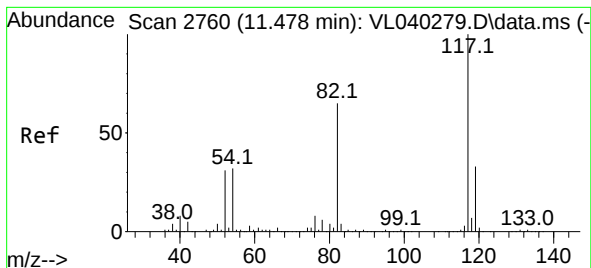
Tgt Ion: 91 Resp: 2404680
Ion Ratio Lower Upper
91 100
92 60.0 48.0 72.0



#54
1,2-Dibromoethane
Concen: 10.603 ppbv
RT: 10.015 min Scan# 2305
Delta R.T. 0.000 min
Lab File: VL040279.D
Acq: 15 Mar 2023 11:35

Tgt Ion: 107 Resp: 990650
Ion Ratio Lower Upper
107 100
109 96.3 77.0 115.6

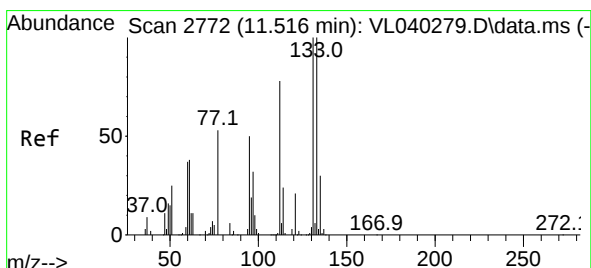
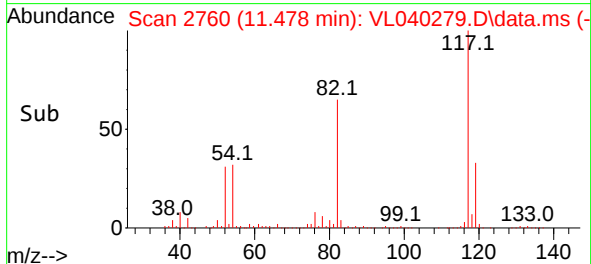
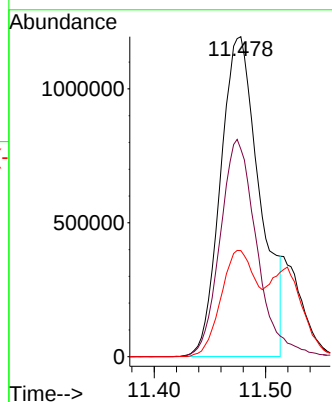
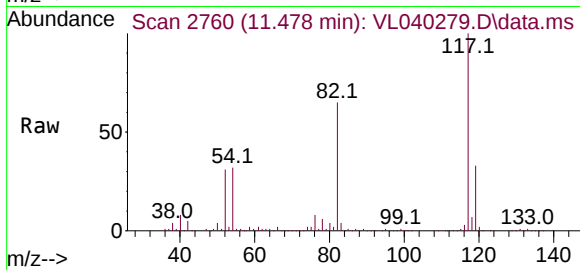




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.478 min Scan# 2760
Delta R.T. 0.000 min
Lab File: VL040279.D
Acq: 15 Mar 2023 11:35

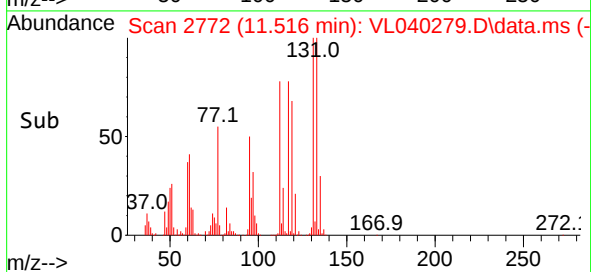
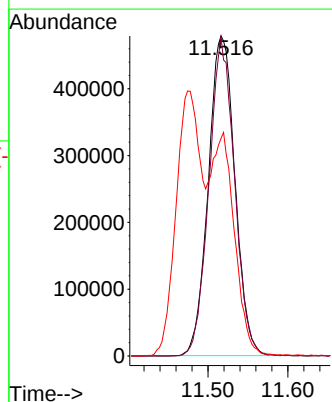
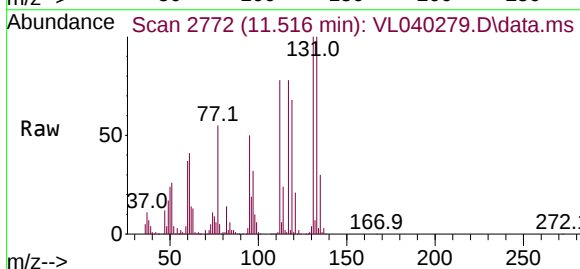
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

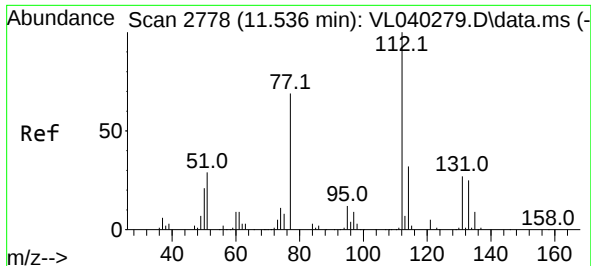
Tgt Ion:117 Resp: 2913705
Ion Ratio Lower Upper
117 100
82 64.0 51.4 77.2
119 31.7 24.0 36.0



#56
1,1,1,2-Tetrachloroethane
Concen: 9.027 ppbv
RT: 11.516 min Scan# 2772
Delta R.T. 0.000 min
Lab File: VL040279.D
Acq: 15 Mar 2023 11:35

Tgt Ion:131 Resp: 1106467
Ion Ratio Lower Upper
131 100
133 95.7 76.5 114.7
119 63.8 47.9 71.9

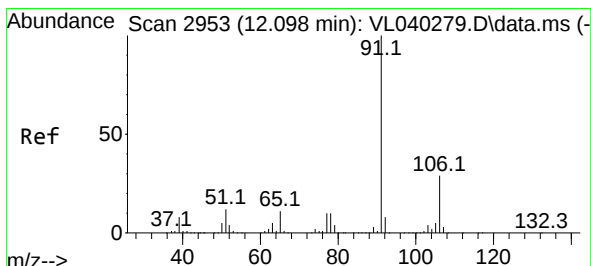
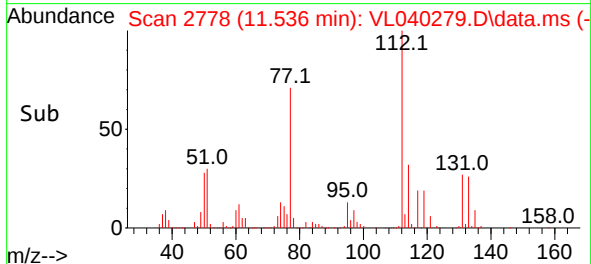
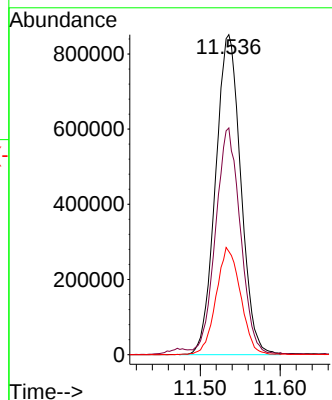
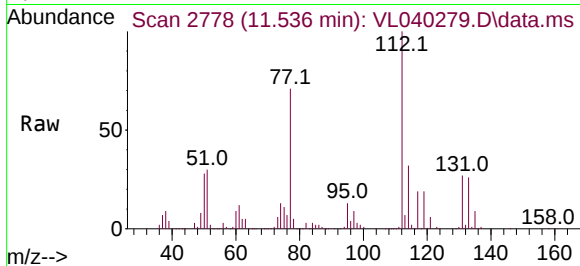




#57
Chlorobenzene
Concen: 8.998 ppbv
RT: 11.536 min Scan# 211
Delta R.T. 0.000 min
Lab File: VL040279.D
Acq: 15 Mar 2023 11:35

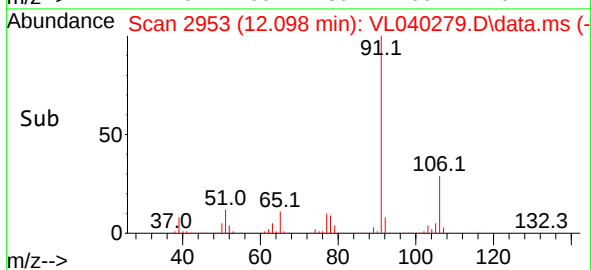
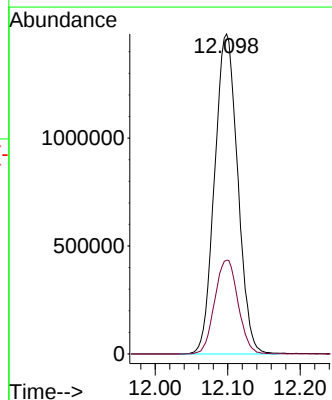
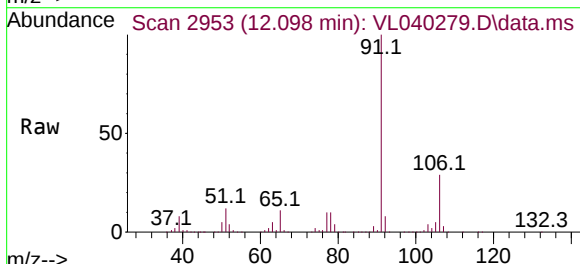
Instrument :
MSVOA_1
ClientSampleId :
VSTDICCC010

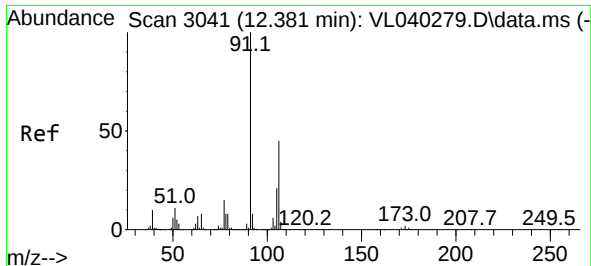
Tgt Ion:112 Resp: 1864942
Ion Ratio Lower Upper
112 100
77 70.2 56.2 84.2
114 32.2 29.0 35.4



#58
Ethyl Benzene
Concen: 9.883 ppbv
RT: 12.098 min Scan# 2953
Delta R.T. 0.000 min
Lab File: VL040279.D
Acq: 15 Mar 2023 11:35

Tgt Ion: 91 Resp: 3278753
Ion Ratio Lower Upper
91 100
106 29.3 23.4 35.2





#59

m/p-Xylene

Concen: 9.951 ppbv

RT: 12.381 min Scan# 3041

Delta R.T. 0.000 min

Lab File: VL040279.D

Acq: 15 Mar 2023 11:35

Instrument :

MSVOA_1

ClientSampleId :

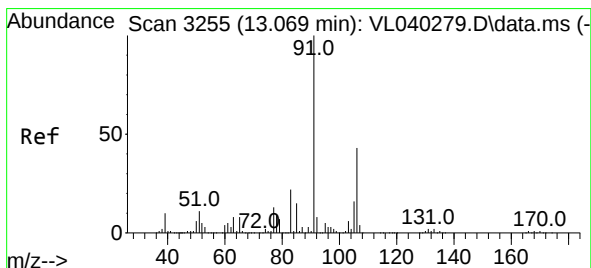
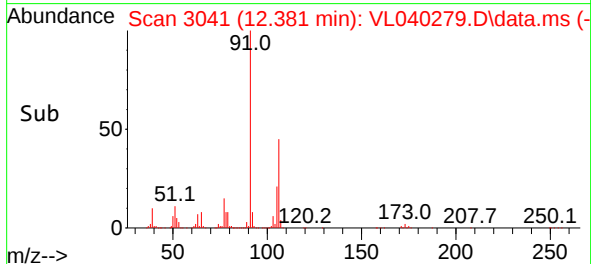
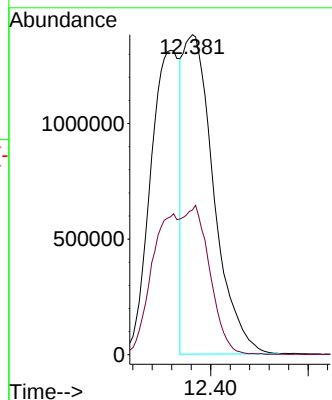
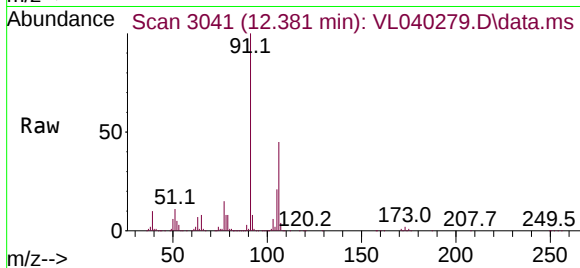
VSTDICCC010

Tgt Ion: 91 Resp: 3024341

Ion Ratio Lower Upper

91 100

106 81.3 34.0 51.0#



#60

o-Xylene

Concen: 9.582 ppbv

RT: 13.069 min Scan# 3255

Delta R.T. 0.000 min

Lab File: VL040279.D

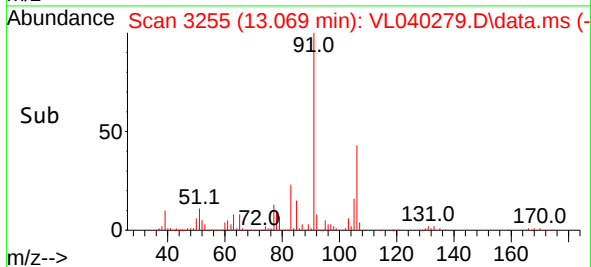
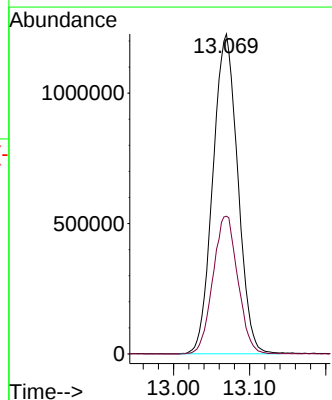
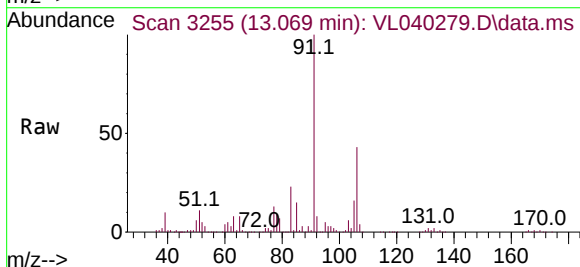
Acq: 15 Mar 2023 11:35

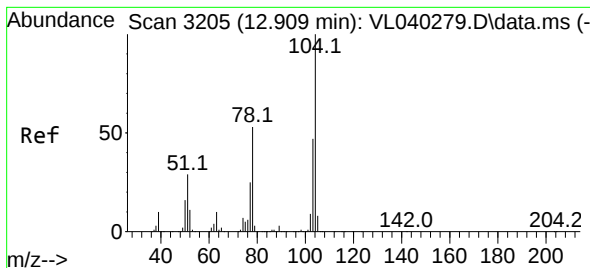
Tgt Ion: 91 Resp: 2784000

Ion Ratio Lower Upper

91 100

106 43.3 21.7 65.1





#61

Styrene

Concen: 10.666 ppbv

RT: 12.909 min Scan# 31

Delta R.T. 0.000 min

Lab File: VL040279.D

Acq: 15 Mar 2023 11:35

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

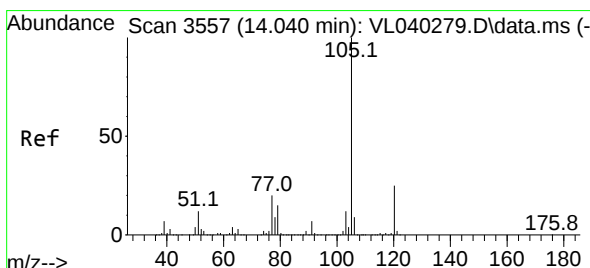
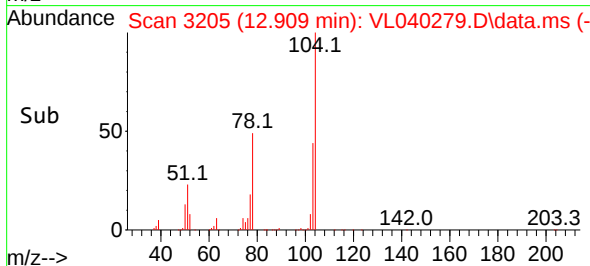
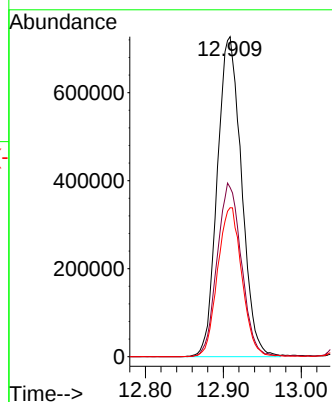
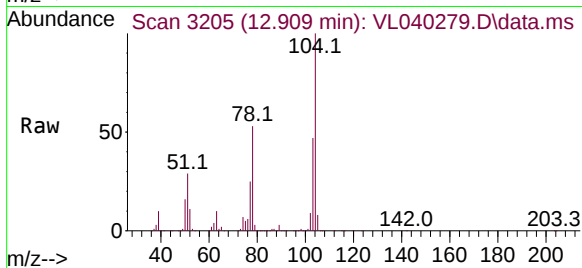
Tgt Ion:104 Resp: 1572628

Ion Ratio Lower Upper

104 100

78 54.6 43.7 65.5

103 46.8 37.4 56.2



#62

Isopropylbenzene

Concen: 9.336 ppbv

RT: 14.040 min Scan# 3557

Delta R.T. 0.000 min

Lab File: VL040279.D

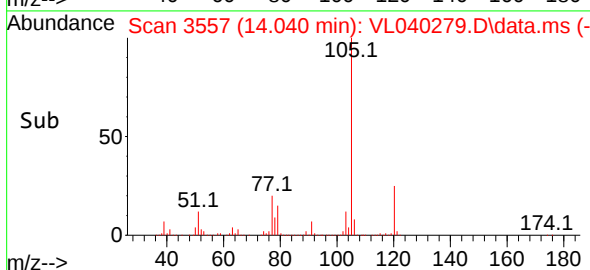
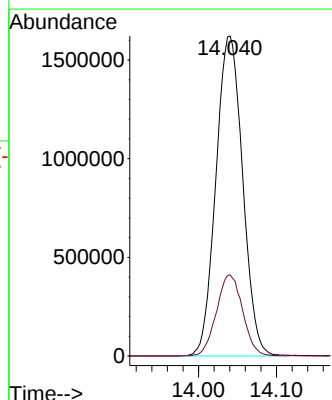
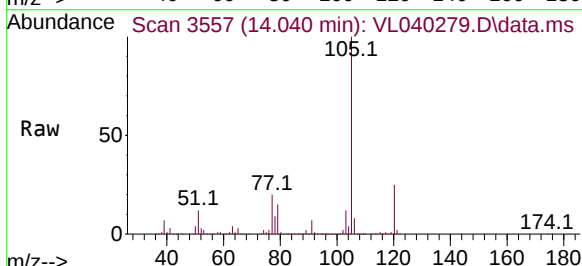
Acq: 15 Mar 2023 11:35

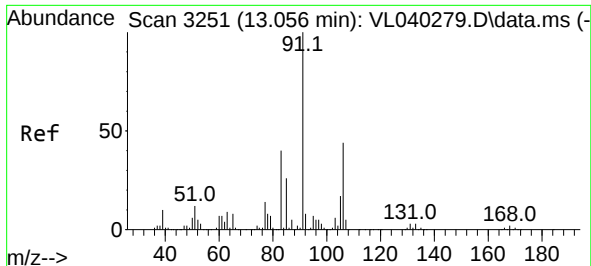
Tgt Ion:105 Resp: 3862865

Ion Ratio Lower Upper

105 100

120 24.9 19.9 29.9

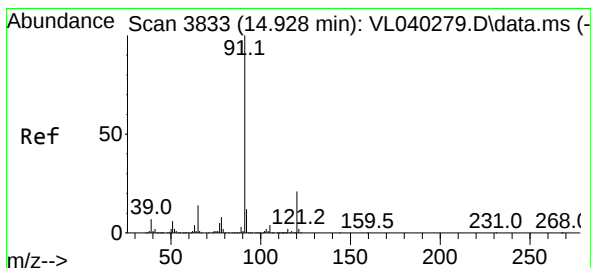
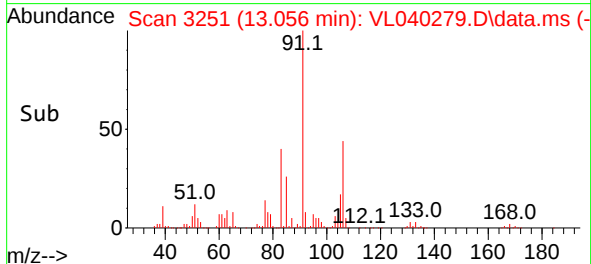
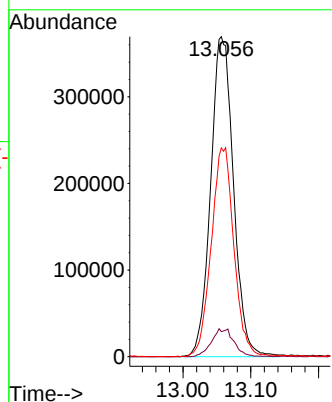
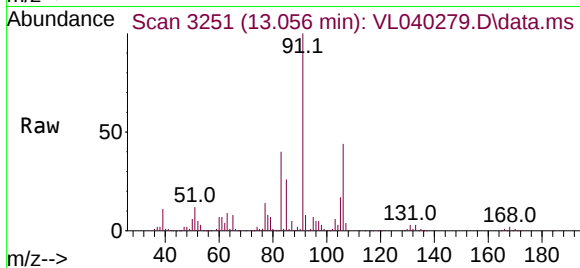




#63
1,1,2,2-Tetrachloroethane
Concen: 8.472 ppbv
RT: 13.056 min Scan# 31
Delta R.T. 0.000 min
Lab File: VL040279.D
Acq: 15 Mar 2023 11:35

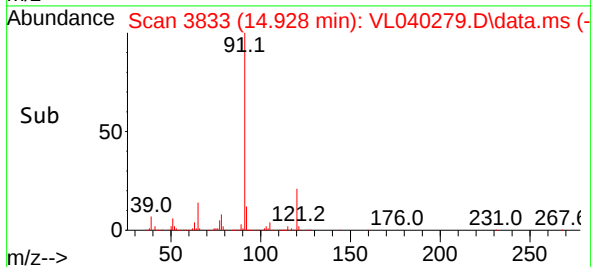
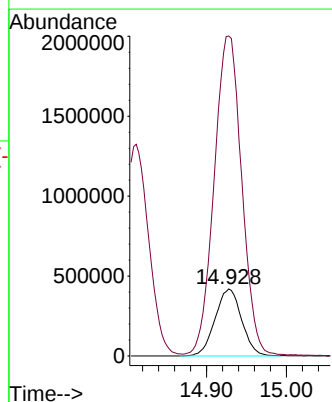
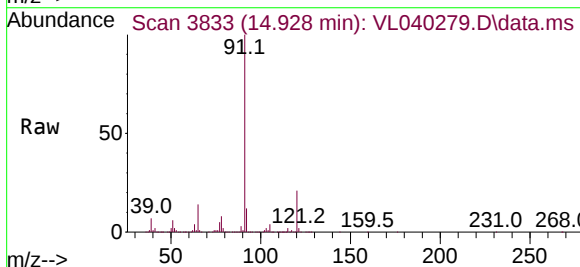
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

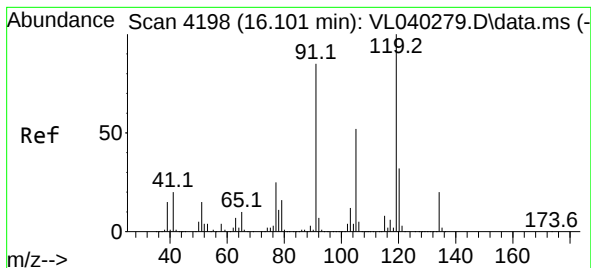
Tgt Ion: 83 Resp: 866119
Ion Ratio Lower Upper
83 100
131 8.6 4.3 12.9
85 65.1 32.7 98.1



#64
n-propylbenzene
Concen: 9.542 ppbv
RT: 14.928 min Scan# 3833
Delta R.T. 0.000 min
Lab File: VL040279.D
Acq: 15 Mar 2023 11:35

Tgt Ion: 120 Resp: 966144
Ion Ratio Lower Upper
120 100
91 498.8 399.0 598.6





#65

tert-Butylbenzene

Concen: 9.308 ppbv

RT: 16.101 min Scan# 4198

Delta R.T. 0.000 min

Lab File: VL040279.D

Acq: 15 Mar 2023 11:35

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

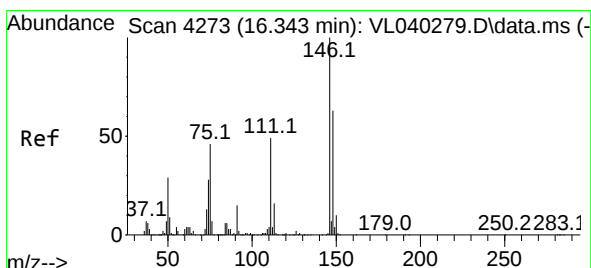
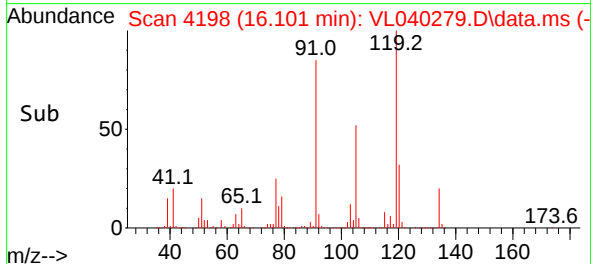
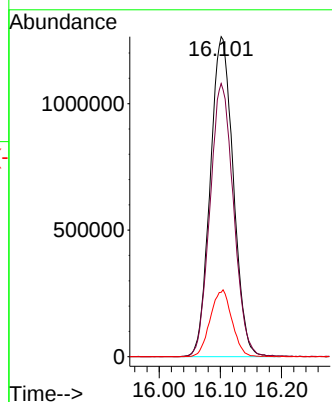
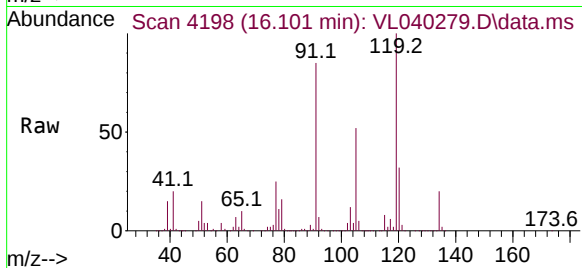
Tgt Ion:119 Resp: 3318819

Ion Ratio Lower Upper

119 100

91 86.8 69.4 104.2

134 19.7 15.8 23.6



#66

Benzyl Chloride

Concen: 9.672 ppbv

RT: 16.343 min Scan# 4273

Delta R.T. 0.000 min

Lab File: VL040279.D

Acq: 15 Mar 2023 11:35

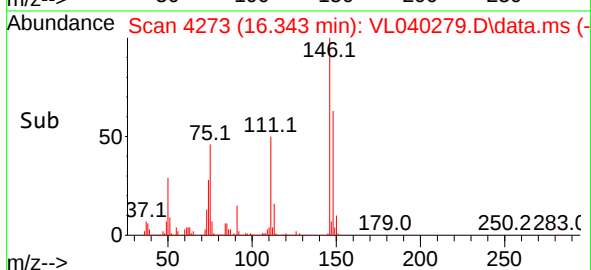
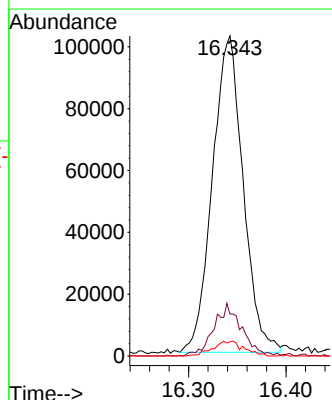
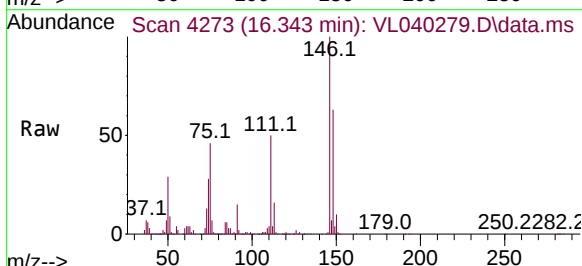
Tgt Ion: 91 Resp: 224127

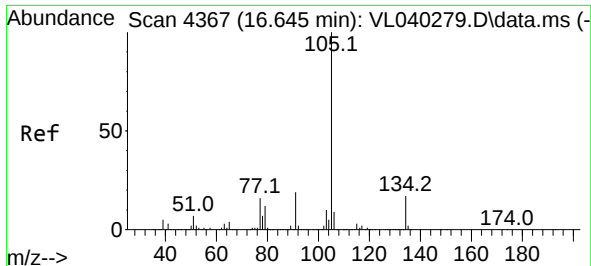
Ion Ratio Lower Upper

91 100

126 15.1 12.1 18.1

128 4.7 3.8 5.6

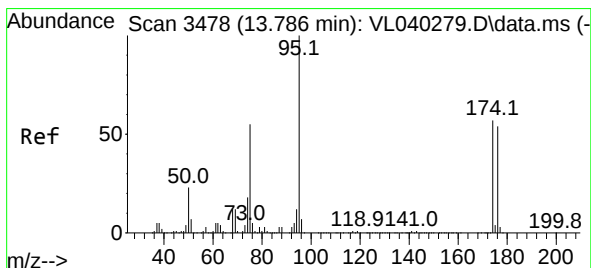
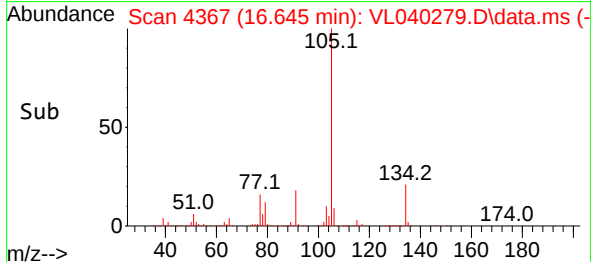
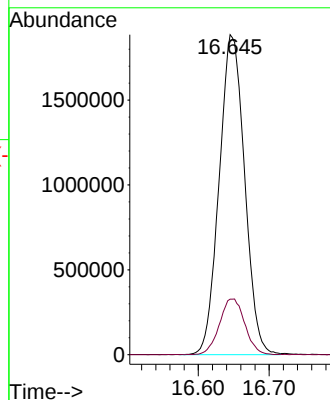
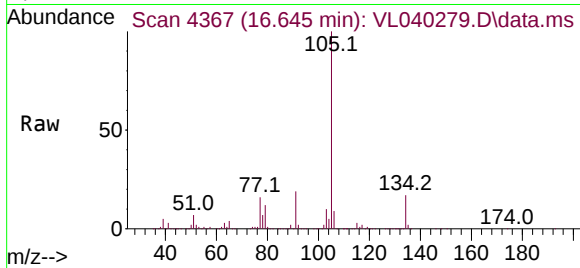




#67
 sec-Butylbenzene
 Concen: 9.216 ppbv
 RT: 16.645 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VL040279.D
 Acq: 15 Mar 2023 11:35

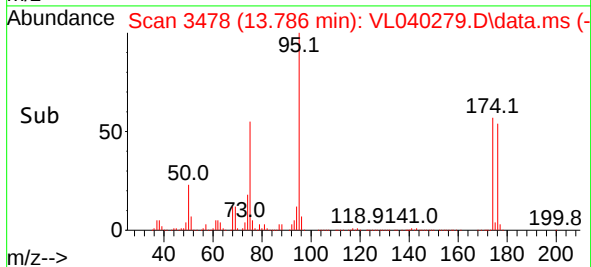
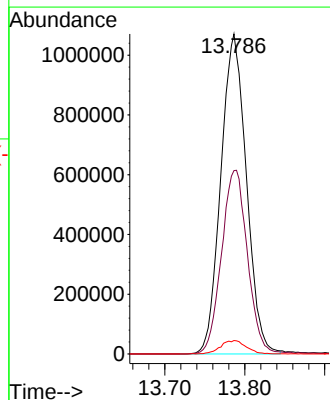
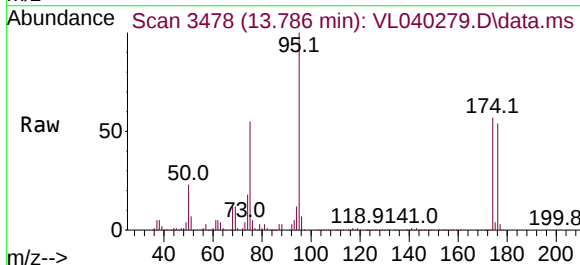
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDICCC010

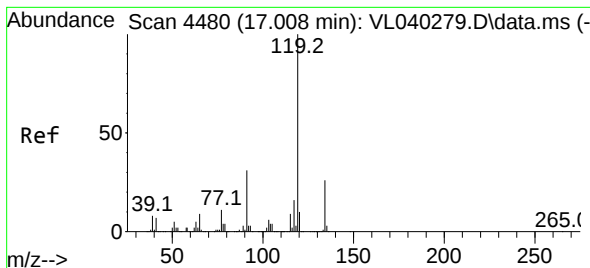
Tgt Ion:105 Resp: 4699214
 Ion Ratio Lower Upper
 105 100
 134 17.5 14.0 21.0



#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.713 ppbv
 RT: 13.786 min Scan# 3478
 Delta R.T. 0.000 min
 Lab File: VL040279.D
 Acq: 15 Mar 2023 11:35

Tgt Ion: 95 Resp: 2369997
 Ion Ratio Lower Upper
 95 100
 174 58.8 47.0 70.6
 175 4.3 3.4 5.2

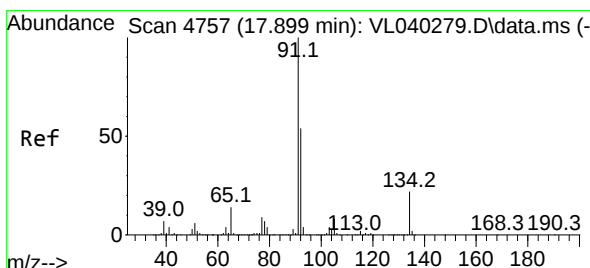
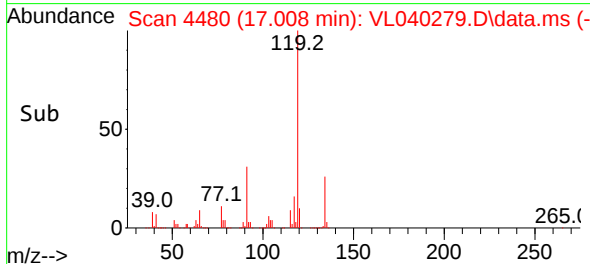
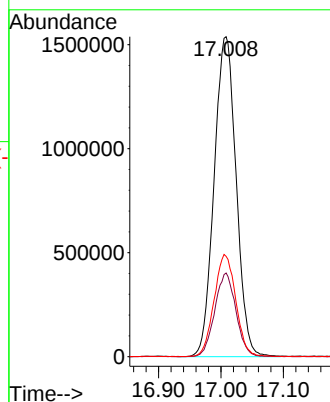
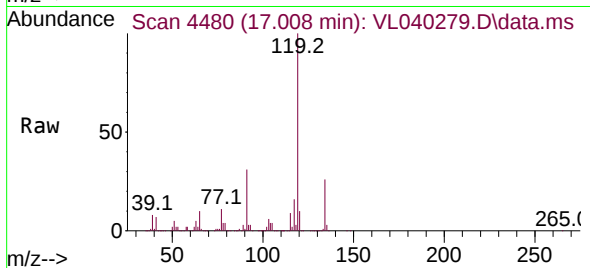




#69
p-Isopropyltoluene
Concen: 9.499 ppbv
RT: 17.008 min Scan# 4480
Delta R.T. 0.000 min
Lab File: VL040279.D
Acq: 15 Mar 2023 11:35

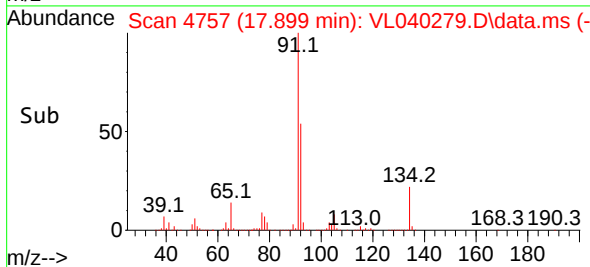
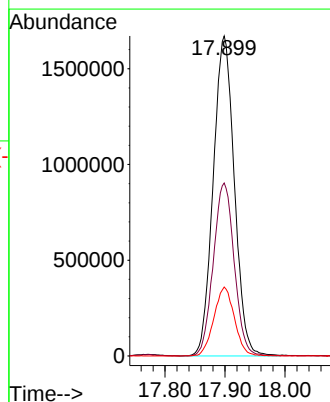
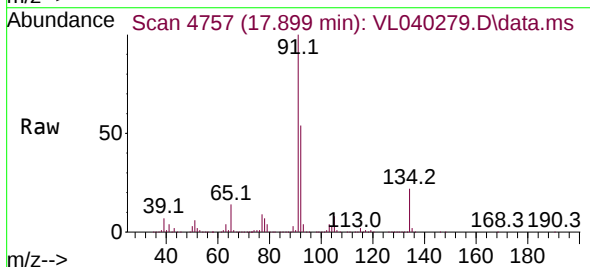
Instrument :
MSVOA_1
ClientSampleId :
VSTDICCC010

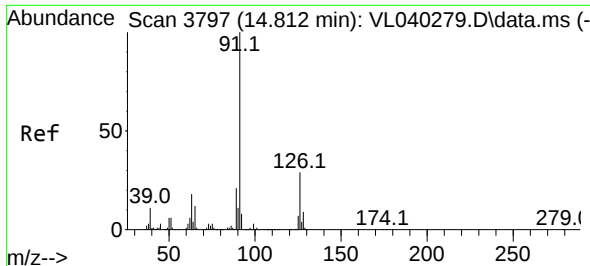
Tgt Ion:119 Resp: 3771973
Ion Ratio Lower Upper
119 100
134 25.2 20.2 30.2
91 31.5 25.1 37.7



#70
n-Butylbenzene
Concen: 9.332 ppbv
RT: 17.899 min Scan# 4757
Delta R.T. 0.000 min
Lab File: VL040279.D
Acq: 15 Mar 2023 11:35

Tgt Ion: 91 Resp: 4082863
Ion Ratio Lower Upper
91 100
92 53.5 42.9 64.3
134 21.0 16.8 25.2

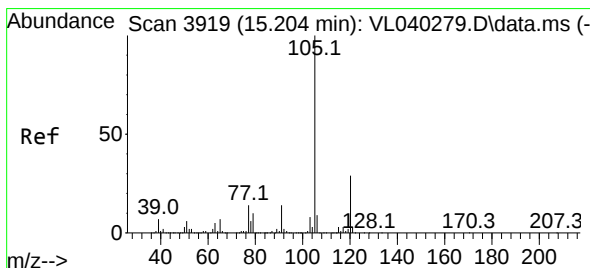
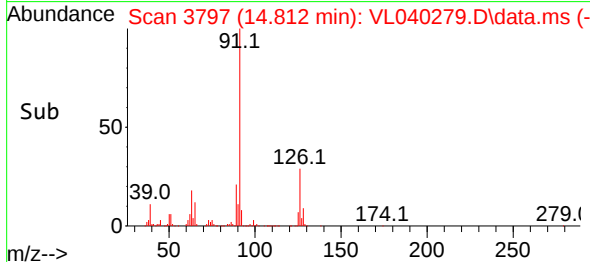
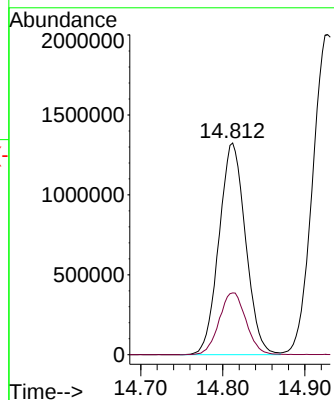
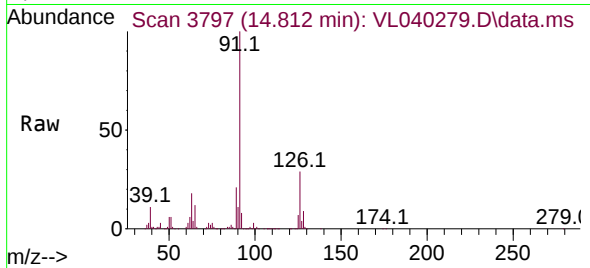




#71
2-Chlorotoluene
Concen: 9.474 ppbv
RT: 14.812 min Scan# 31
Delta R.T. 0.000 min
Lab File: VL040279.D
Acq: 15 Mar 2023 11:35

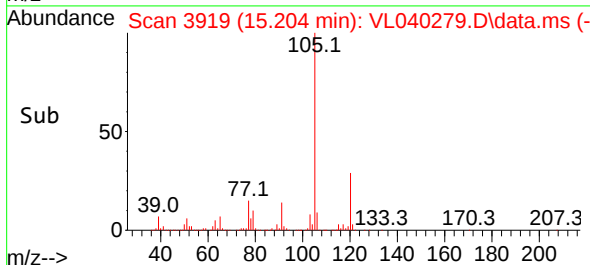
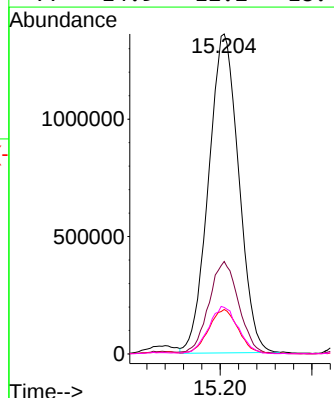
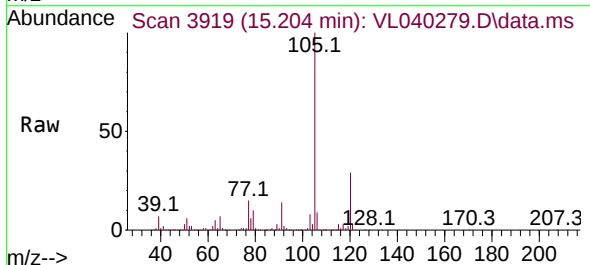
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

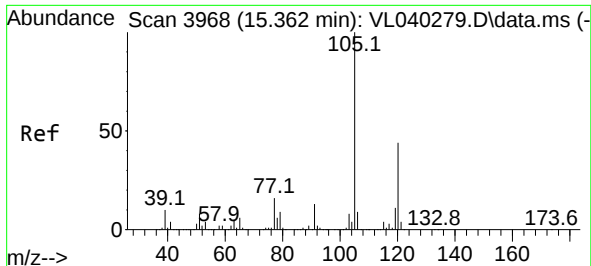
Tgt Ion: 91 Resp: 2983415
Ion Ratio Lower Upper
91 100
126 29.6 11.8 47.4



#72
4-Ethyltoluene
Concen: 9.769 ppbv
RT: 15.204 min Scan# 3919
Delta R.T. 0.000 min
Lab File: VL040279.D
Acq: 15 Mar 2023 11:35

Tgt Ion: 105 Resp: 3103235
Ion Ratio Lower Upper
105 100
120 29.6 23.7 35.5
91 14.5 11.6 17.4
77 14.9 12.2 18.4

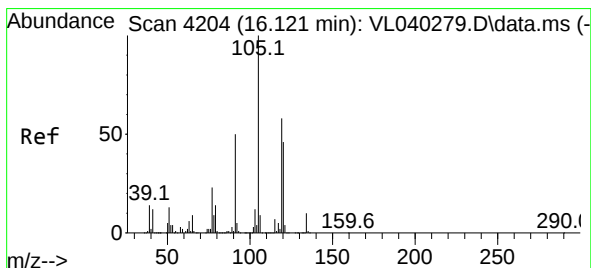
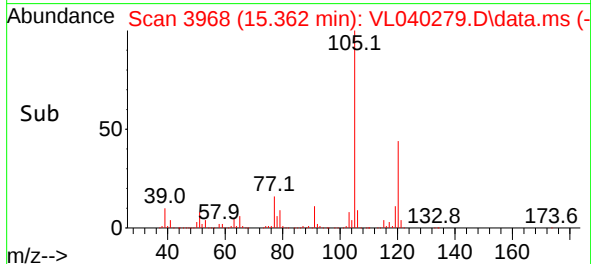
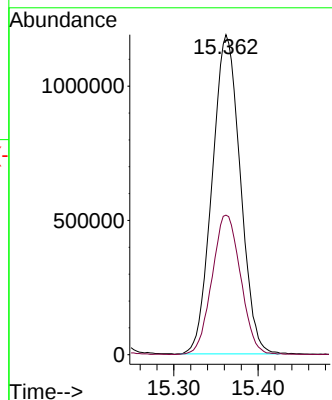
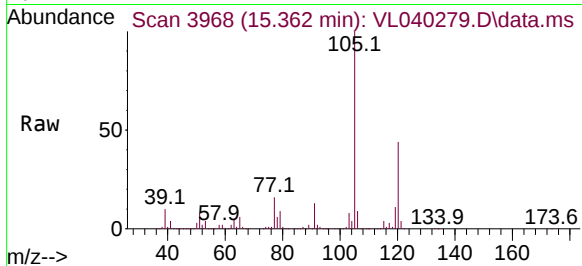




#73
 1,3,5-Trimethylbenzene
 Concen: 9.559 ppbv
 RT: 15.362 min Scan# 3968
 Delta R.T. 0.000 min
 Lab File: VL040279.D
 Acq: 15 Mar 2023 11:35

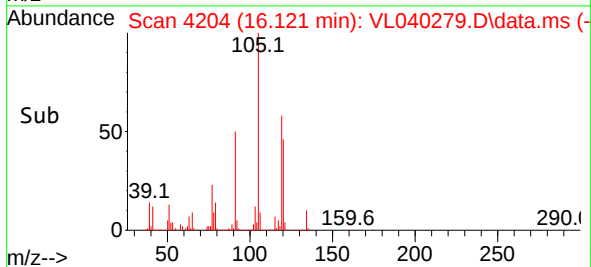
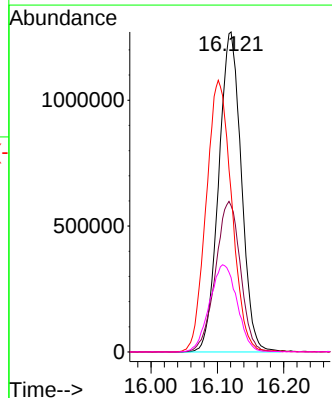
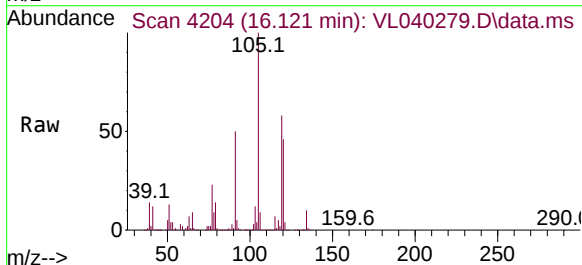
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010

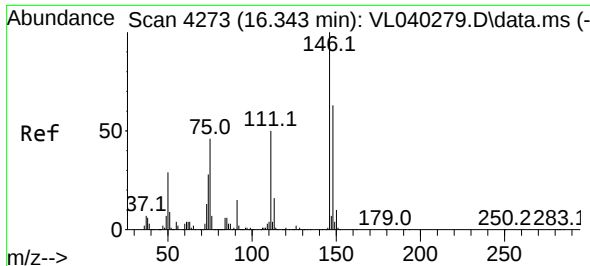
Tgt Ion:105 Resp: 2750301
 Ion Ratio Lower Upper
 105 100
 120 43.6 34.9 52.3



#74
 1,2,4-Trimethylbenzene
 Concen: 9.171 ppbv
 RT: 16.121 min Scan# 4204
 Delta R.T. 0.000 min
 Lab File: VL040279.D
 Acq: 15 Mar 2023 11:35

Tgt Ion:105 Resp: 3009248
 Ion Ratio Lower Upper
 105 100
 120 45.7 36.6 54.8
 91 49.9 39.9 59.9
 77 23.2 18.6 27.8

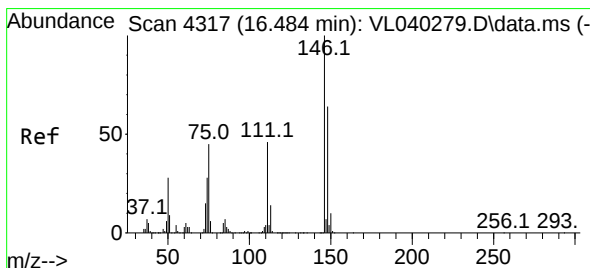
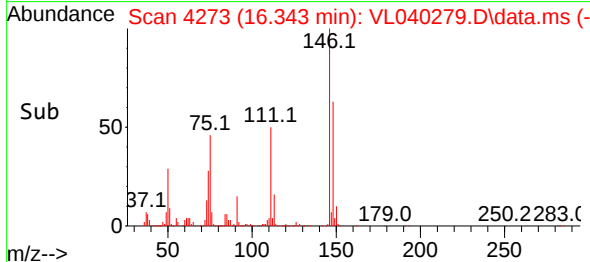
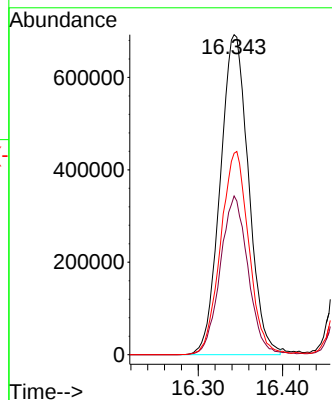
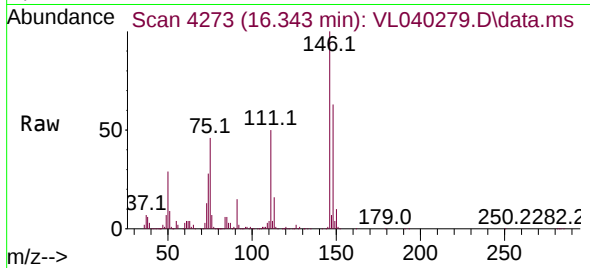




#75
1,3-Dichlorobenzene
Concen: 9.074 ppbv
RT: 16.343 min Scan# 4273
Delta R.T. 0.000 min
Lab File: VL040279.D
Acq: 15 Mar 2023 11:35

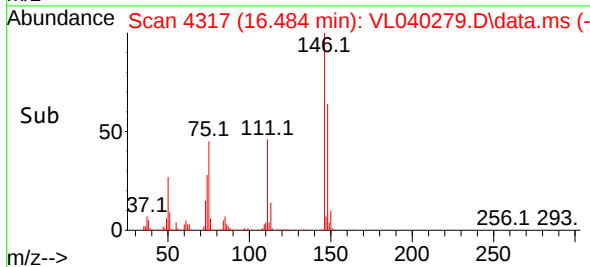
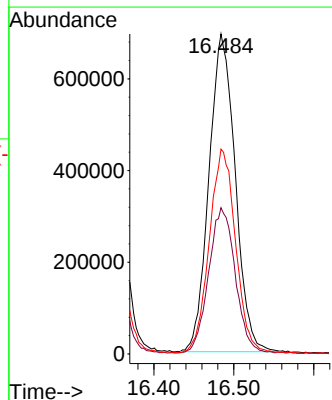
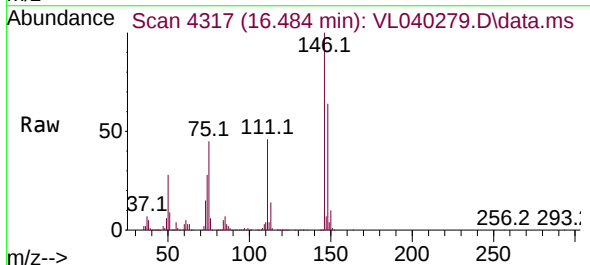
Instrument :
MSVOA_1
ClientSampleId :
VSTDICCC010

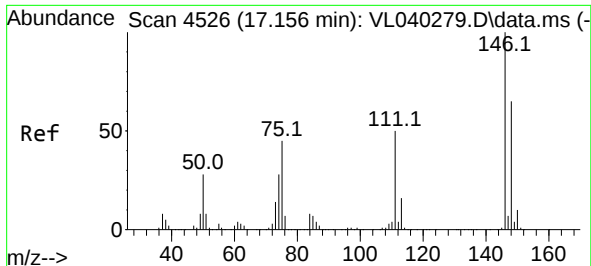
Tgt Ion:146 Resp: 1612725
Ion Ratio Lower Upper
146 100
111 48.8 24.3 73.0
148 63.5 31.9 95.5



#76
1,4-Dichlorobenzene
Concen: 9.316 ppbv
RT: 16.484 min Scan# 4317
Delta R.T. 0.000 min
Lab File: VL040279.D
Acq: 15 Mar 2023 11:35

Tgt Ion:146 Resp: 1579023
Ion Ratio Lower Upper
146 100
111 47.5 23.8 71.2
148 65.1 32.5 97.5

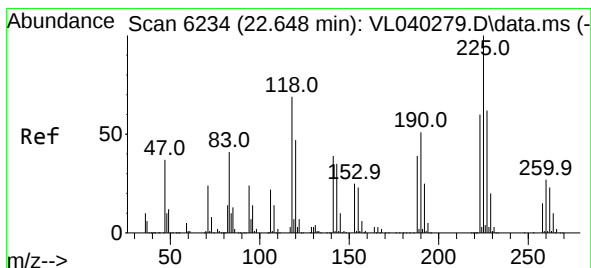
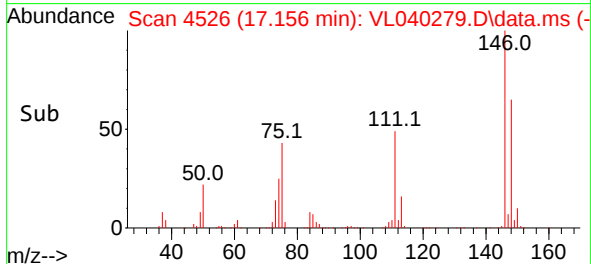
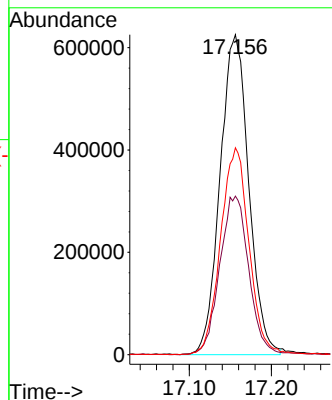
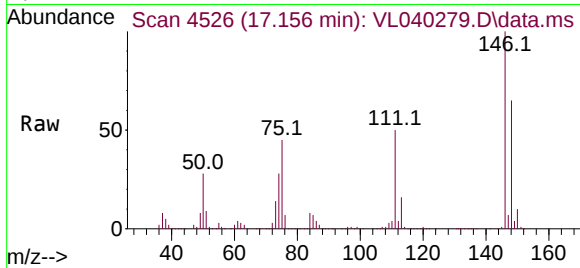




#77
1,2-Dichlorobenzene
Concen: 8.886 ppbv
RT: 17.156 min Scan# 4526
Delta R.T. 0.000 min
Lab File: VL040279.D
Acq: 15 Mar 2023 11:35

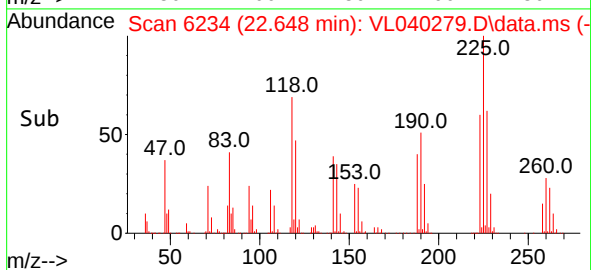
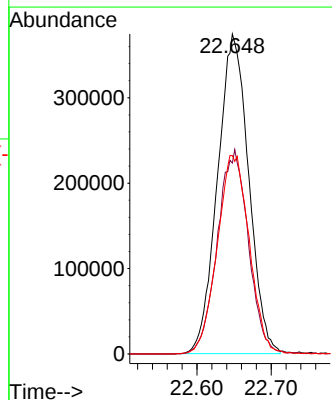
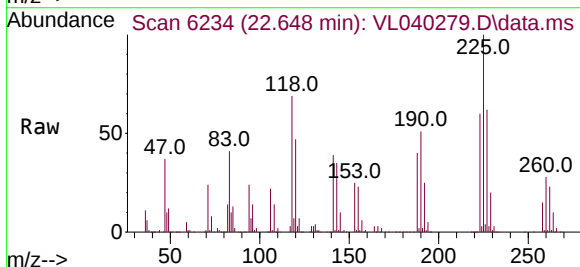
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

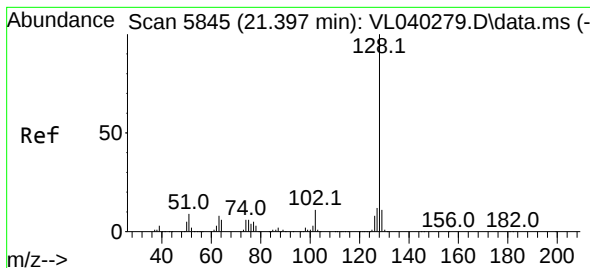
Tgt Ion:146 Resp: 1517944
Ion Ratio Lower Upper
146 100
111 50.6 25.2 75.6
148 64.3 32.1 96.3



#78
Hexachloro-1,3-Butadiene
Concen: 8.690 ppbv
RT: 22.648 min Scan# 6234
Delta R.T. 0.000 min
Lab File: VL040279.D
Acq: 15 Mar 2023 11:35

Tgt Ion:225 Resp: 1088691
Ion Ratio Lower Upper
225 100
223 63.9 51.0 76.6
227 64.3 51.4 77.2





#79

Naphthalene

Concen: 11.962 ppbv

RT: 21.397 min Scan# 5845

Delta R.T. 0.000 min

Lab File: VL040279.D

Acq: 15 Mar 2023 11:35

Instrument :

MSVOA_1

ClientSampleId :

VSTDICCC010

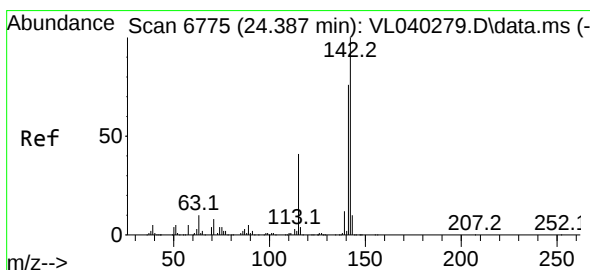
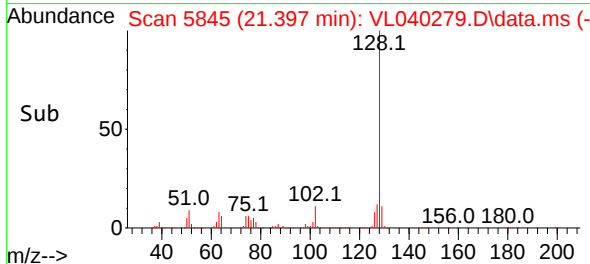
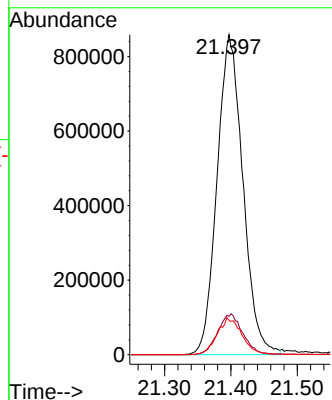
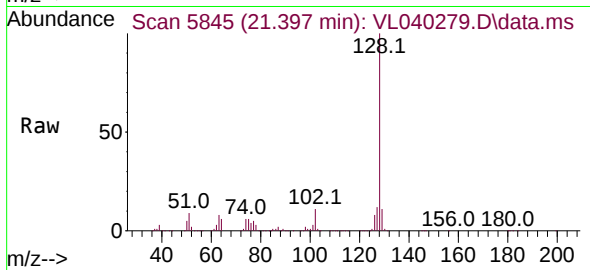
Tgt Ion:128 Resp: 2322022

Ion Ratio Lower Upper

128 100

127 12.0 9.6 14.4

129 10.8 8.6 13.0



#80

Naphthalene,2-methyl-

Concen: 13.591 ppbv

RT: 24.387 min Scan# 6775

Delta R.T. 0.000 min

Lab File: VL040279.D

Acq: 15 Mar 2023 11:35

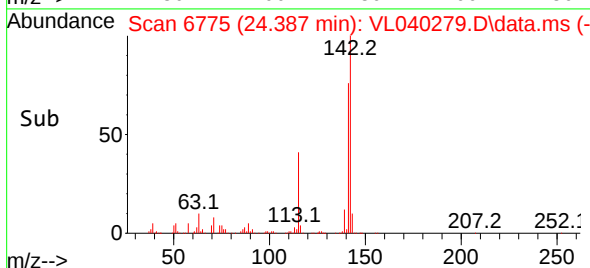
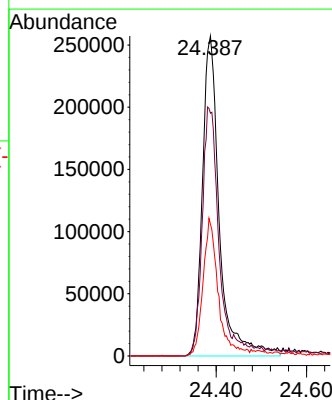
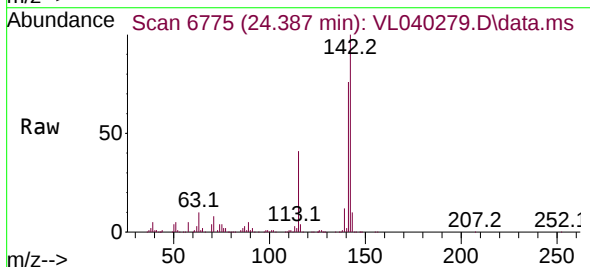
Tgt Ion:142 Resp: 668177

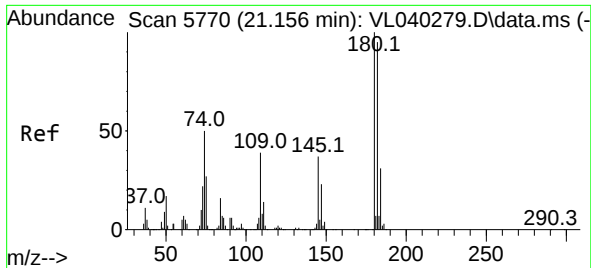
Ion Ratio Lower Upper

142 100

141 79.9 65.5 98.3

115 38.8 33.5 50.3





#81

1,2,4-Trichlorobenzene

Concen: 10.228 ppbv

RT: 21.156 min Scan# 5

Delta R.T. 0.000 min

Lab File: VL040279.D

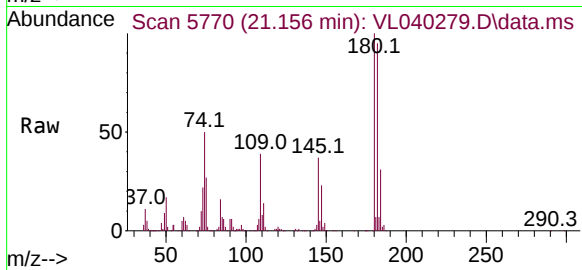
Acq: 15 Mar 2023 11:35

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010



Tgt Ion:180 Resp: 1222849

Ion Ratio Lower Upper

180 100

182 95.1 76.1 114.1

184 30.5 24.4 36.6

