

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL041223\
 Data File : VL040335.D
 Acq On : 12 Apr 2023 10:05
 Operator : SY/MD
 Sample : VSTDC0010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDC0010

Quant Time: Apr 13 05:29:55 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 : Tue Apr 11 04:15:53 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.188	49	1054698	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.651	114	2652799	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.474	117	2528081	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.786	95	2073115	9.792	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.900%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.716	85	1477011	7.138	ppbv	98
3) Chlorodifluoromethane	2.661	51	1246864	9.401	ppbv	99
4) Chloromethane	2.800	50	794521	9.702	ppbv	100
5) Vinyl Chloride	2.909	62	676771	10.206	ppbv	99
6) Bromomethane	3.108	94	232541	10.113	ppbv	98
7) Chloroethane	3.185	64	252793	9.930	ppbv	99
8) Dichlorotetrafluoroethane	2.845	85	1682864	9.500	ppbv	100
9) Propene	2.681	41	521435	10.263	ppbv	95
10) Heptane	7.581	43	1249752	10.226	ppbv	100
11) Trichlorofluoromethane	3.552	101	1729722	9.226	ppbv	99
12) 1,1,2-Trichlorotrifluo...	4.060	101	1257838	8.933	ppbv	98
13) Ethanol	3.240	45	13104	3.517	ppbv #	2
14) Bromoethene	3.356	108	533483	10.157	ppbv	99
15) Acetone	3.455	43	1148341	8.943	ppbv	98
16) 1,3-Butadiene	2.973	39	595820	10.209	ppbv	98
17) tert-Butyl alcohol	3.867	59	1284607	10.527	ppbv	100
18) 1,1-Dichloroethene	3.873	96	570723	9.448	ppbv	98
19) Isopropyl Alcohol	3.565	45	586413	9.534	ppbv	99
20) Methylene Chloride	3.925	84	457089	8.462	ppbv	95
21) Allyl Chloride	3.989	41	807937	9.714	ppbv	99
22) trans-1,2-Dichloroethene	4.439	96	570923	9.286	ppbv	94
23) Vinyl Acetate	4.619	43	369937	10.356	ppbv	98
24) 1,1-Dichloroethane	4.558	63	1166312	9.154	ppbv	98
25) Ethyl Acetate	5.201	43	2325326	9.673	ppbv	100
26) Hexane	5.211	57	1000474	10.139	ppbv	96
27) Carbon Disulfide	4.118	76	1408437	10.219	ppbv	99
28) Methyl tert-Butyl Ether	4.581	73	1085405	9.580	ppbv	99
29) Chloroform	5.272	83	1708951	9.808	ppbv	99
30) Cyclohexane	6.603	84	844054	10.855	ppbv	99
31) cis-1,2-Dichloroethene	5.076	61	1045566	10.880	ppbv	99
32) 1,1,1-Trichloroethane	6.002	97	1739305	10.419	ppbv	99
34) 2-Butanone	4.780	43	1272216	9.717	ppbv	100
35) Carbon Tetrachloride	6.491	117	1765237	10.604	ppbv	97
36) Benzene	6.372	78	2092567	10.351	ppbv	98
37) 1,2-Dichloroethane	5.806	62	1326683	10.082	ppbv	99
38) Trichloroethene	7.295	130	1232053	11.152	ppbv	99
39) 1,2-Dichloropropane	7.076	63	798053	10.062	ppbv	96
40) 1,4-Dioxane	7.291	88	292994	9.337	ppbv	69
41) Tetrahydrofuran	5.555	42	765308	10.128	ppbv	97
42) Bromodichloromethane	7.253	83	1829596	10.175	ppbv	99
43) Methyl Methacrylate	7.478	69	830382	11.053	ppbv	97
44) 2,2,4-Trimethylpentane	7.327	57	3484839	10.339	ppbv	99
45) t-1,3-Dichloropropene	8.712	75	771055	11.773	ppbv	99

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 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Quant Time: Apr 13 05:29:55 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL031523AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Apr 11 04:15:53 2023
 Response via : Initial Calibration

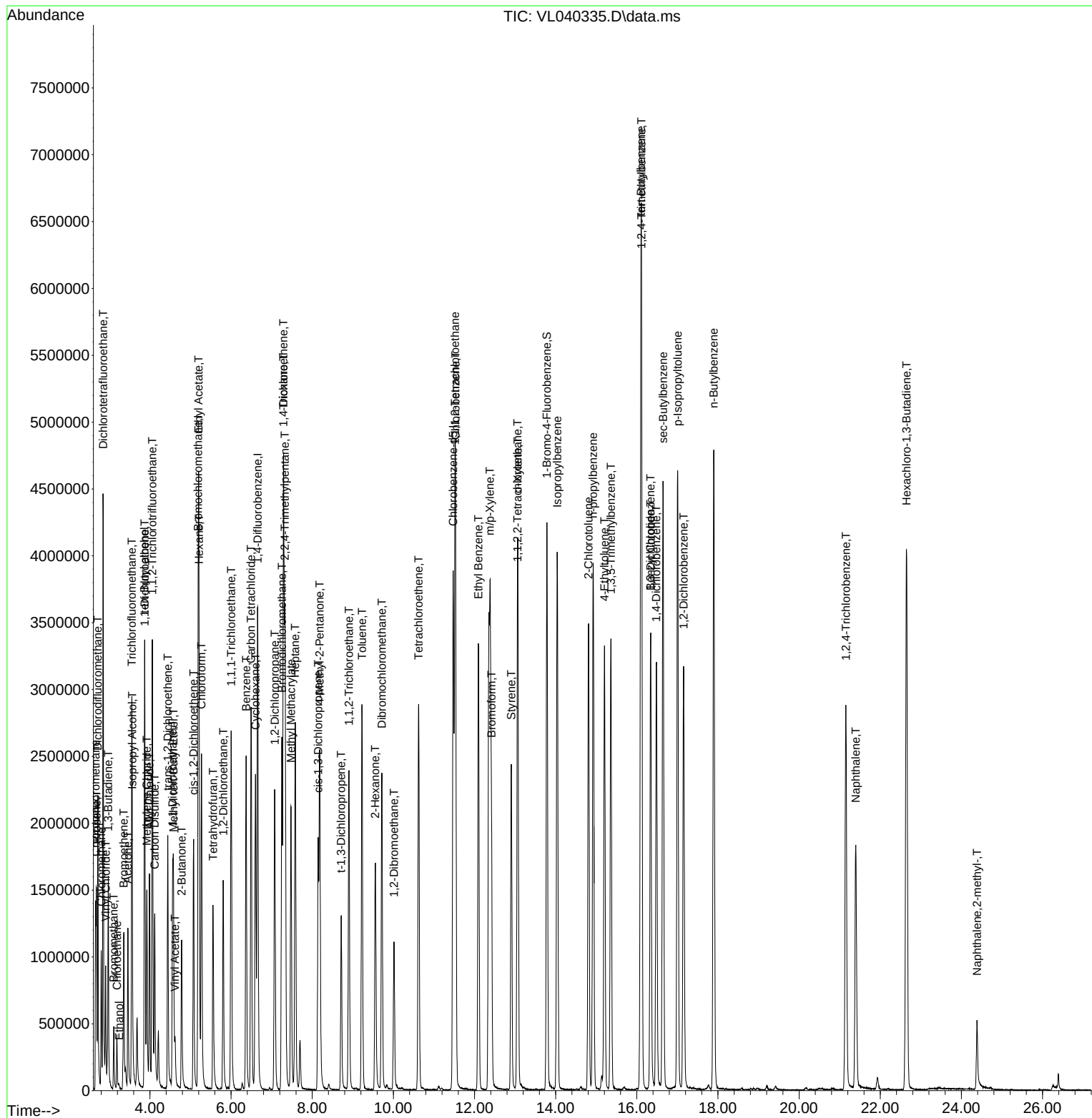
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.147	75	1076818	11.578	ppbv	96
47) 1,1,2-Trichloroethane	8.905	97	850187	10.046	ppbv	96
48) Dibromochloromethane	9.716	129	1427973	10.253	ppbv	100
49) Bromoform	12.416	173	1066443	10.196	ppbv	99
50) 4-Methyl-2-Pentanone	8.182	43	2078689	10.260	ppbv	99
51) 2-Hexanone	9.555	43	1541534	9.821	ppbv	98
52) Tetrachloroethene	10.622	164	666968	10.905	ppbv	97
53) Toluene	9.227	91	2305080	10.880	ppbv	99
54) 1,2-Dibromoethane	10.015	107	912425	10.474	ppbv	96
56) 1,1,1,2-Tetrachloroethane	11.516	131	1022506	9.615	ppbv	96
57) Chlorobenzene	11.532	112	1697530	9.440	ppbv	97
58) Ethyl Benzene	12.095	91	3084166	10.714	ppbv	99
59) m/p-Xylene	12.381	91	2726338	10.339	ppbv #	35
60) o-Xylene	13.066	91	2537580	10.066	ppbv	100
61) Styrene	12.905	104	1426301	11.150	ppbv	99
62) Isopropylbenzene	14.037	105	3549411	9.887	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.056	83	792946	8.939	ppbv	99
64) n-propylbenzene	14.924	120	902428	10.273	ppbv	98
65) tert-Butylbenzene	16.101	119	3150580	10.184	ppbv	99
66) Benzyl Chloride	16.339	91	205244	10.209	ppbv	97
67) sec-Butylbenzene	16.648	105	4567390	10.324	ppbv	99
69) p-Isopropyltoluene	17.005	119	3711138	10.771	ppbv	99
70) n-Butylbenzene	17.895	91	4178539	11.008	ppbv	100
71) 2-Chlorotoluene	14.812	91	2759129	10.098	ppbv	100
72) 4-Ethyltoluene	15.204	105	2932711	10.641	ppbv	98
73) 1,3,5-Trimethylbenzene	15.362	105	2619274	10.492	ppbv	100
74) 1,2,4-Trimethylbenzene	16.117	105	2896654	10.174	ppbv	97
75) 1,3-Dichlorobenzene	16.339	146	1610382	10.443	ppbv	100
76) 1,4-Dichlorobenzene	16.481	146	1561136	10.615	ppbv	99
77) 1,2-Dichlorobenzene	17.156	146	1590486	10.731	ppbv	100
78) Hexachloro-1,3-Butadiene	22.648	225	640577	5.893	ppbv #	40
79) Naphthalene	21.394	128	2294227	13.622	ppbv	99
80) Naphthalene,2-methyl-	24.384	142	370842	8.694	ppbv	96
81) 1,2,4-Trichlorobenzene	21.152	180	1218076	11.742	ppbv	99

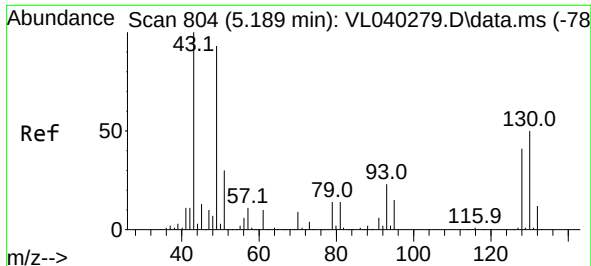
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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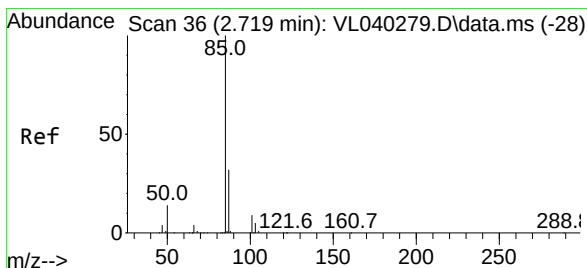
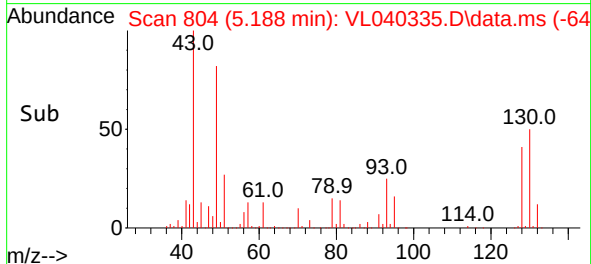
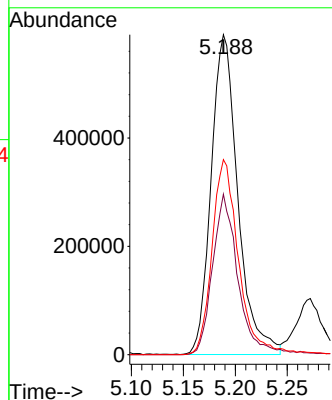
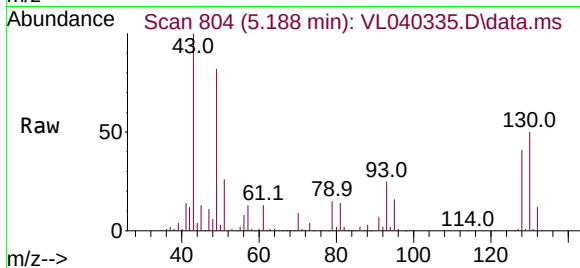




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.188 min Scan# 80
Delta R.T. -0.001 min
Lab File: VL040335.D
Acq: 12 Apr 2023 10:05

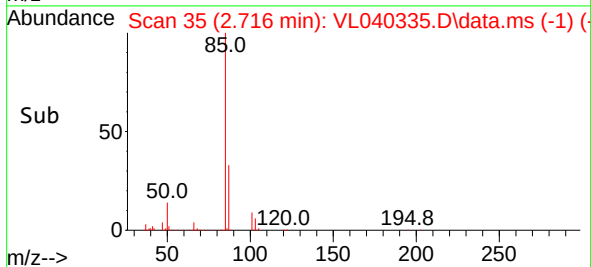
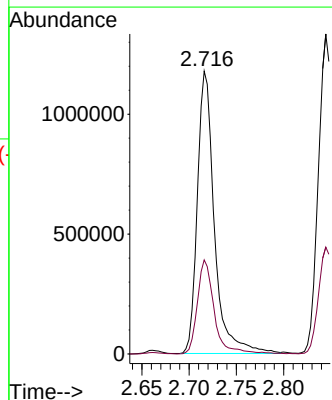
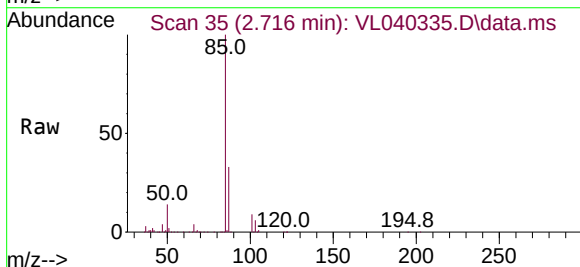
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MSVOA_L
ClientSampleId :
VSTDCCC010

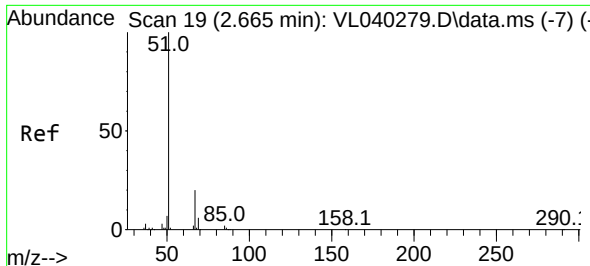
Tgt Ion: 49 Resp: 1054698
Ion Ratio Lower Upper
49 100
128 48.8 22.4 67.3
130 61.1 28.7 86.1



#2
Dichlorodifluoromethane
Concen: 7.138 ppbv
RT: 2.716 min Scan# 35
Delta R.T. -0.003 min
Lab File: VL040335.D
Acq: 12 Apr 2023 10:05

Tgt Ion: 85 Resp: 1477011
Ion Ratio Lower Upper
85 100
87 33.3 25.5 38.3

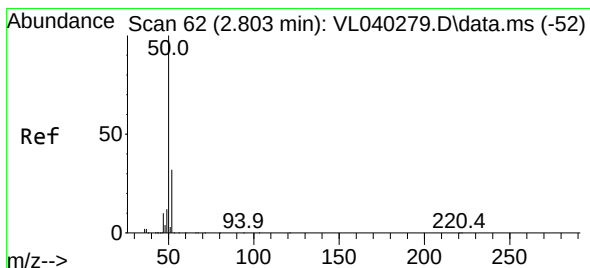
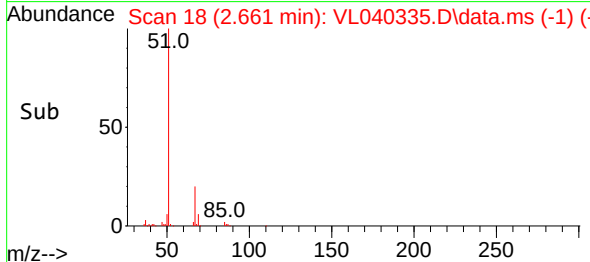
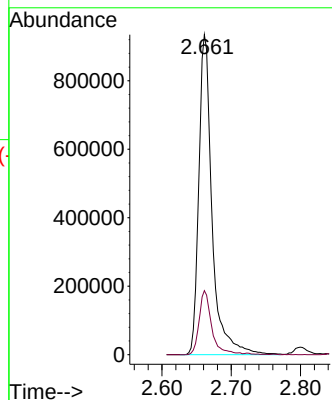
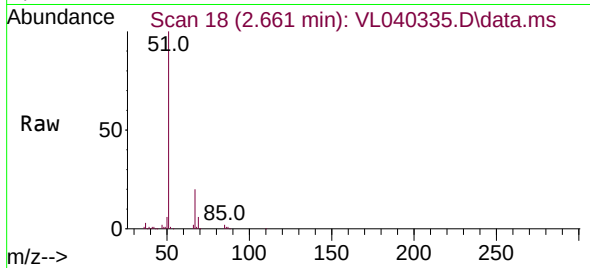




#3
Chlorodifluoromethane
Concen: 9.401 ppbv
RT: 2.661 min Scan# 11
Delta R.T. -0.004 min
Lab File: VL040335.D
Acq: 12 Apr 2023 10:05

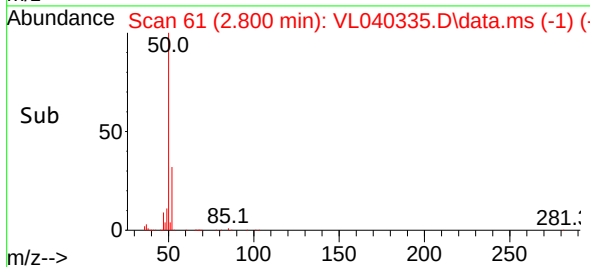
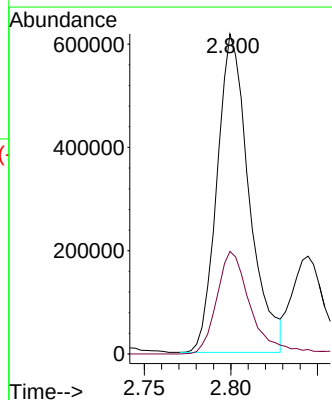
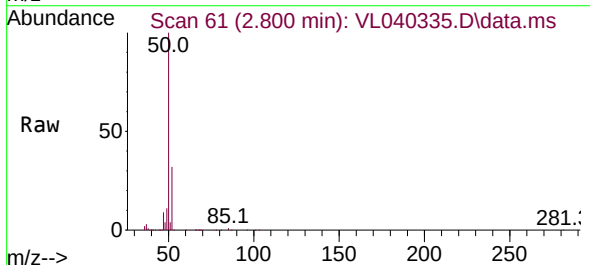
Instrument :
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ClientSampleId :
VSTDCCC010

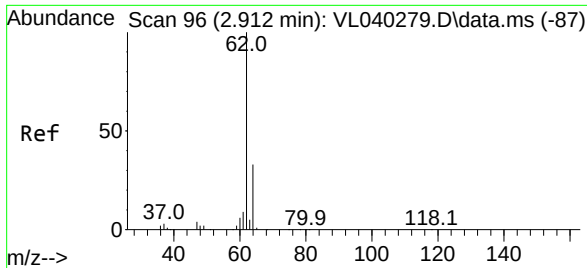
Tgt Ion: 51 Resp: 1246864
Ion Ratio Lower Upper
51 100
67 19.4 16.0 24.0



#4
Chloromethane
Concen: 9.702 ppbv
RT: 2.800 min Scan# 61
Delta R.T. -0.003 min
Lab File: VL040335.D
Acq: 12 Apr 2023 10:05

Tgt Ion: 50 Resp: 794521
Ion Ratio Lower Upper
50 100
52 32.2 25.9 38.9

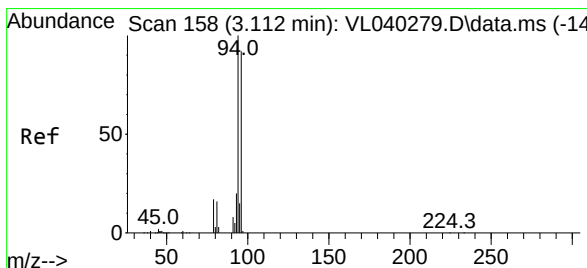
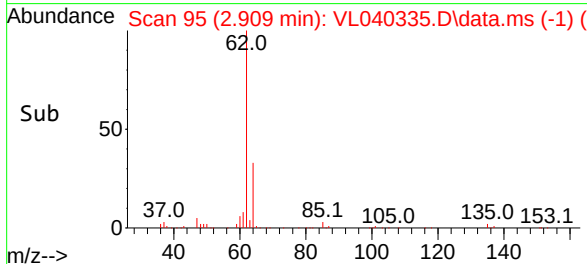
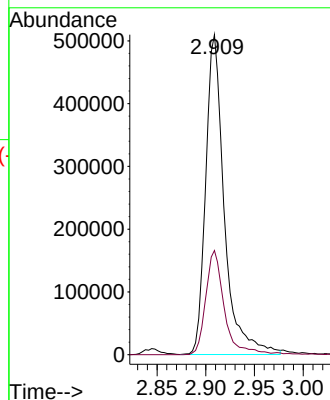
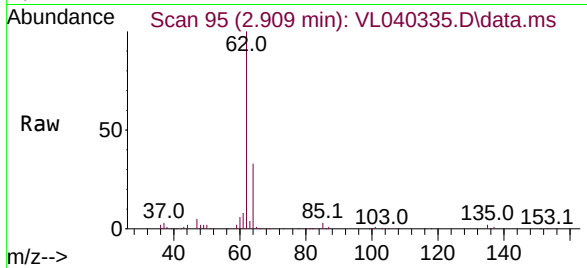




#5
 Vinyl Chloride
 Concen: 10.206 ppbv
 RT: 2.909 min Scan# 91
 Delta R.T. -0.003 min
 Lab File: VL040335.D
 Acq: 12 Apr 2023 10:05

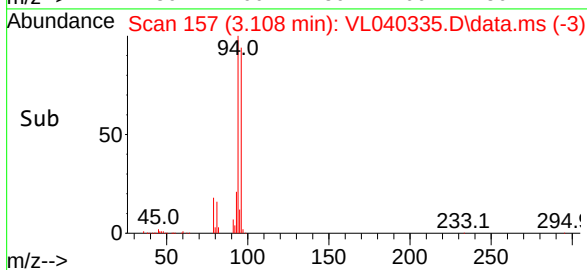
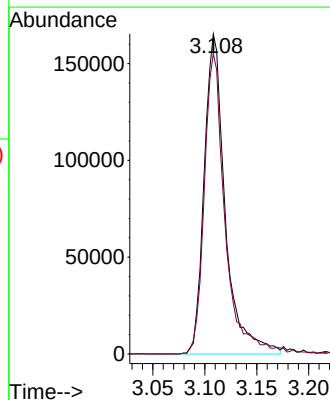
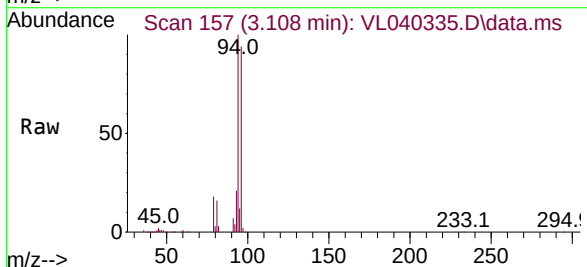
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDCCC010

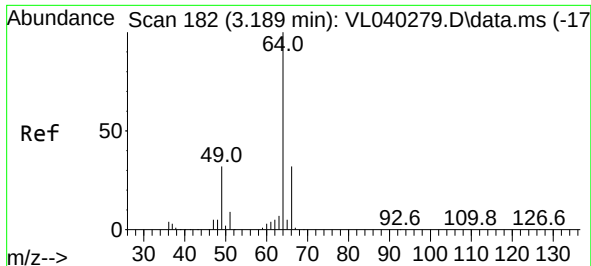
Tgt Ion: 62 Resp: 676771
 Ion Ratio Lower Upper
 62 100
 64 32.6 26.4 39.6



#6
 Bromomethane
 Concen: 10.113 ppbv
 RT: 3.108 min Scan# 157
 Delta R.T. -0.004 min
 Lab File: VL040335.D
 Acq: 12 Apr 2023 10:05

Tgt Ion: 94 Resp: 232541
 Ion Ratio Lower Upper
 94 100
 96 93.8 73.7 110.5

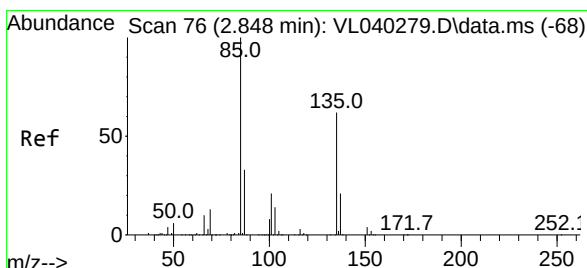
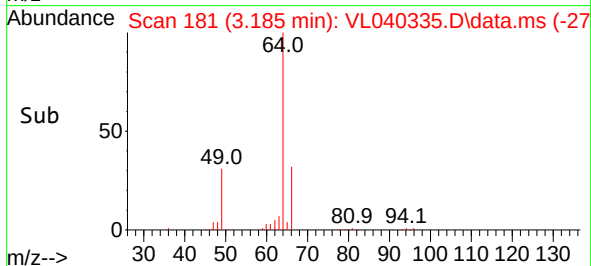
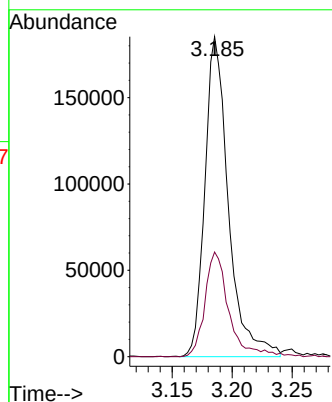
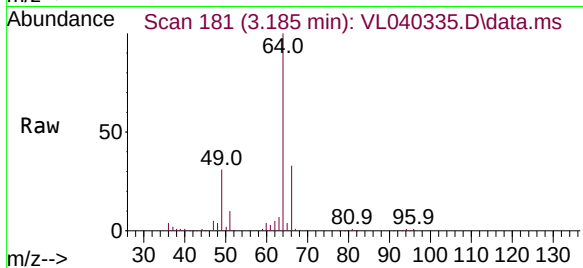




#7
Chloroethane
Concen: 9.930 ppbv
RT: 3.185 min Scan# 11
Delta R.T. -0.004 min
Lab File: VL040335.D
Acq: 12 Apr 2023 10:05

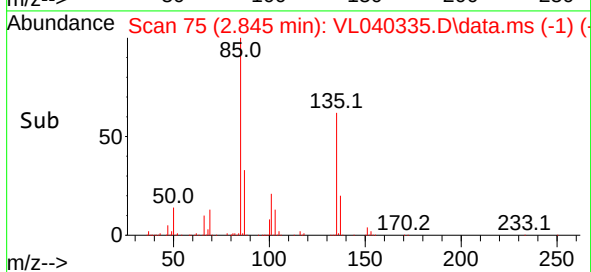
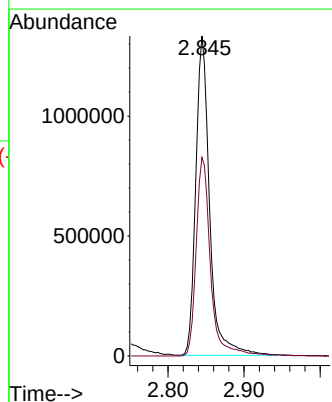
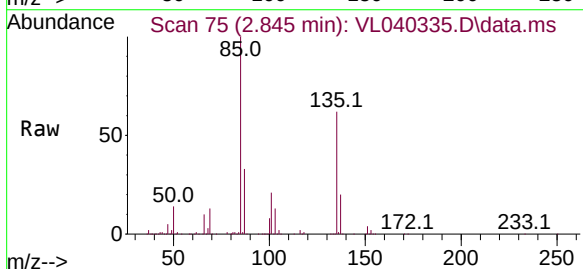
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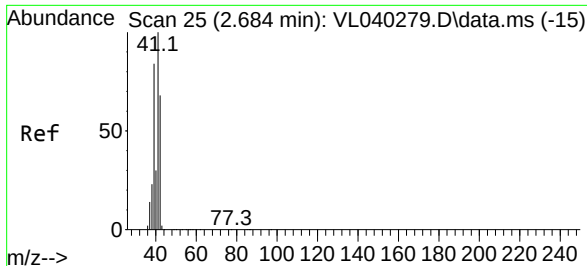
Tgt Ion: 64 Resp: 252793
Ion Ratio Lower Upper
64 100
66 32.7 25.5 38.3



#8
Dichlorotetrafluoroethane
Concen: 9.500 ppbv
RT: 2.845 min Scan# 75
Delta R.T. -0.003 min
Lab File: VL040335.D
Acq: 12 Apr 2023 10:05

Tgt Ion: 85 Resp: 1682864
Ion Ratio Lower Upper
85 100
135 64.8 52.0 78.0

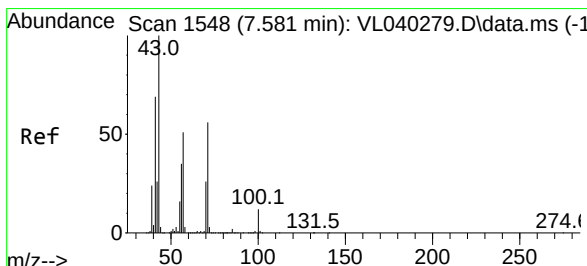
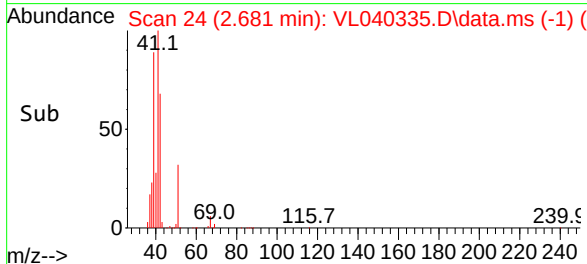
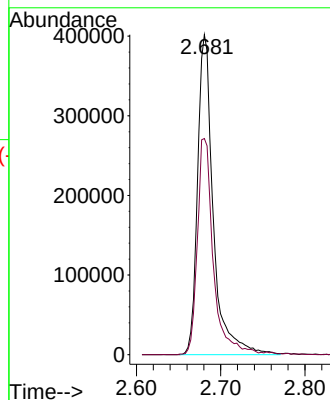
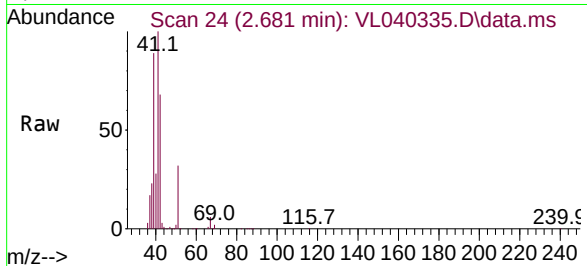




#9
 Propene
 Concen: 10.263 ppbv
 RT: 2.681 min Scan# 24
 Delta R.T. -0.003 min
 Lab File: VL040335.D
 Acq: 12 Apr 2023 10:05

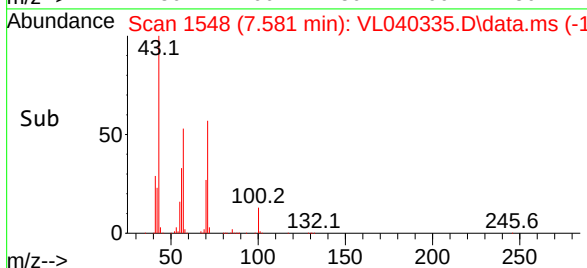
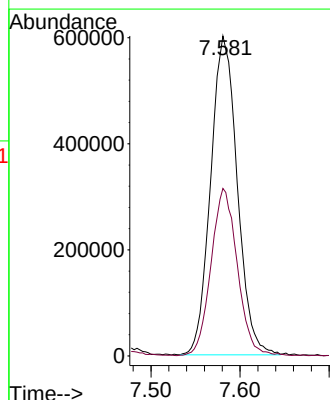
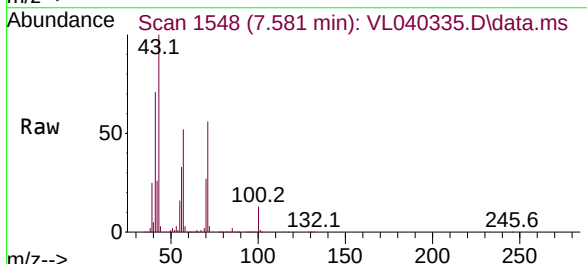
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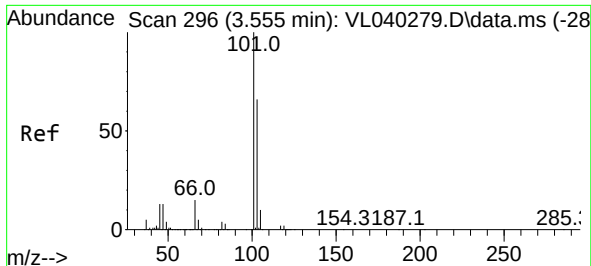
Tgt Ion: 41 Resp: 521435
 Ion Ratio Lower Upper
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 42 69.4 59.0 88.4



#10
 Heptane
 Concen: 10.226 ppbv
 RT: 7.581 min Scan# 1548
 Delta R.T. -0.000 min
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Tgt Ion: 43 Resp: 1249752
 Ion Ratio Lower Upper
 43 100
 57 52.0 41.7 62.5

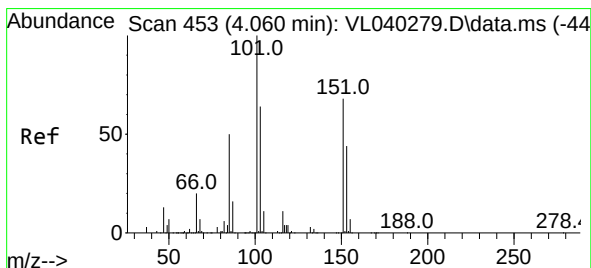
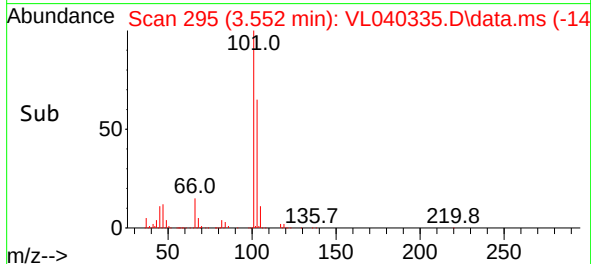
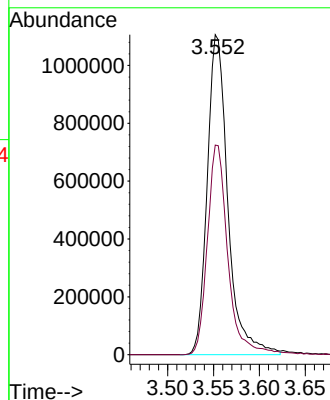
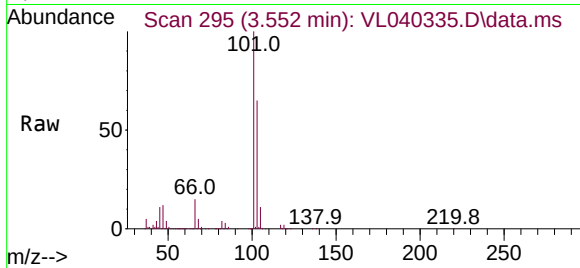




#11
 Trichlorofluoromethane
 Concen: 9.226 ppbv
 RT: 3.552 min Scan# 296
 Delta R.T. -0.003 min
 Lab File: VL040335.D
 Acq: 12 Apr 2023 10:05

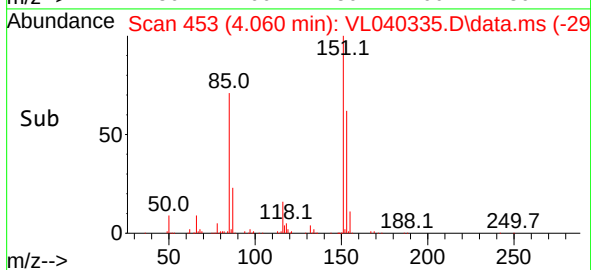
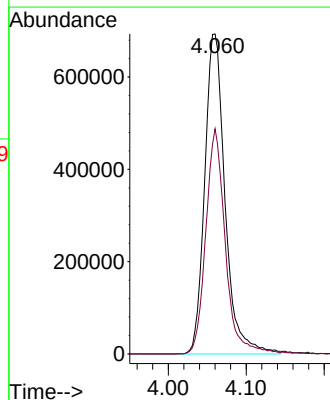
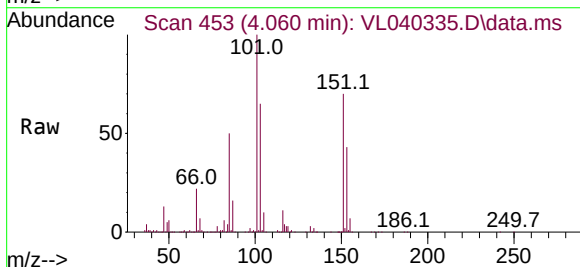
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDCCC010

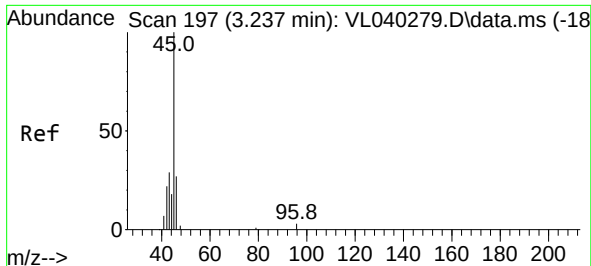
Tgt Ion:101 Resp: 1729722
 Ion Ratio Lower Upper
 101 100
 103 65.5 53.1 79.7



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 8.933 ppbv
 RT: 4.060 min Scan# 453
 Delta R.T. -0.000 min
 Lab File: VL040335.D
 Acq: 12 Apr 2023 10:05

Tgt Ion:101 Resp: 1257838
 Ion Ratio Lower Upper
 101 100
 151 67.9 53.2 79.8

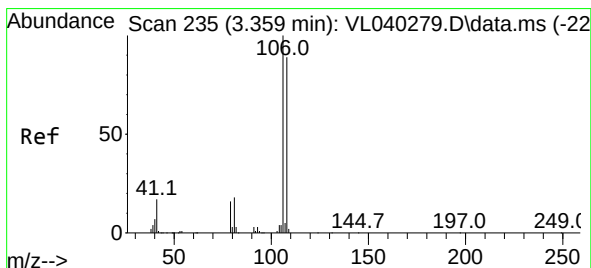
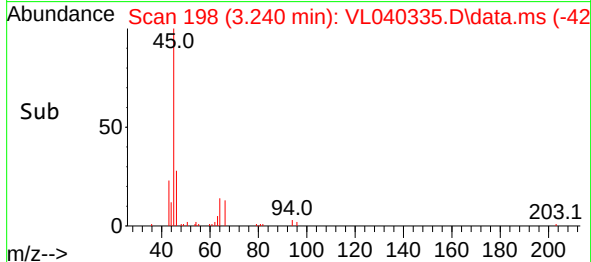
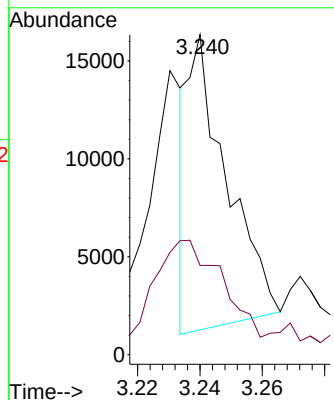
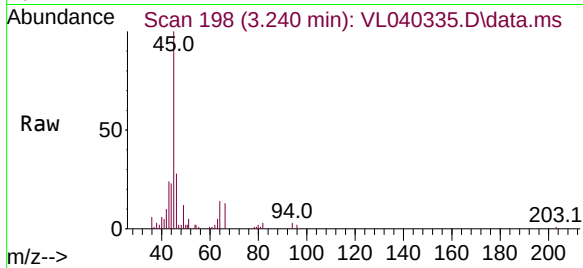




#13
 Ethanol
 Concen: 3.517 ppbv
 RT: 3.240 min Scan# 197
 Delta R.T. 0.003 min
 Lab File: VL040335.D
 Acq: 12 Apr 2023 10:05

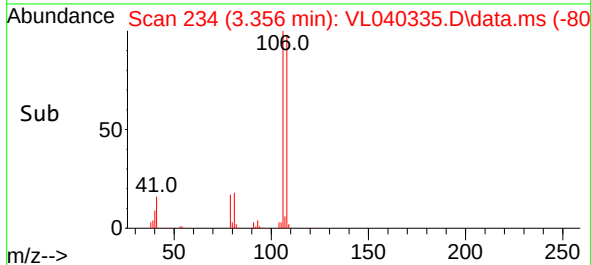
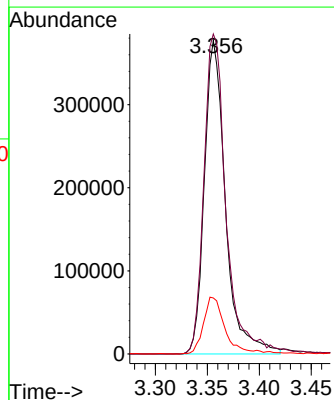
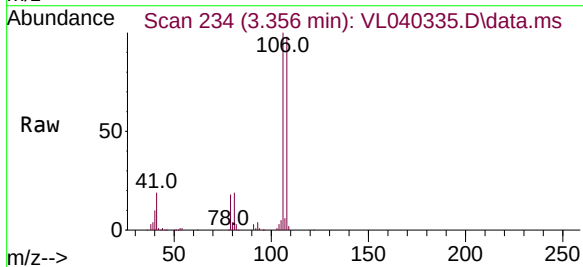
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

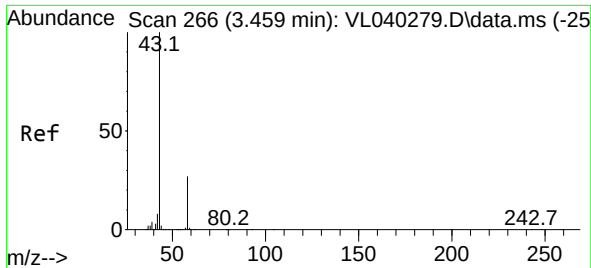
Tgt Ion: 45 Resp: 13104
 Ion Ratio Lower Upper
 45 100
 46 96.1 15.0 60.2#



#14
 Bromoethene
 Concen: 10.157 ppbv
 RT: 3.356 min Scan# 234
 Delta R.T. -0.003 min
 Lab File: VL040335.D
 Acq: 12 Apr 2023 10:05

Tgt Ion: 108 Resp: 533483
 Ion Ratio Lower Upper
 108 100
 106 108.4 85.8 128.8
 79 19.4 15.8 23.6





#15

Acetone

Concen: 8.943 ppbv

RT: 3.455 min Scan# 2

Delta R.T. -0.004 min

Lab File: VL040335.D

Acq: 12 Apr 2023 10:05

Instrument :

MSVOA_L

ClientSampleId :

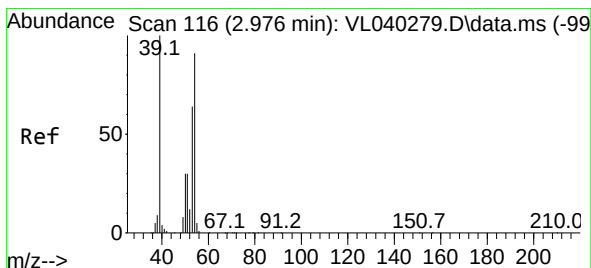
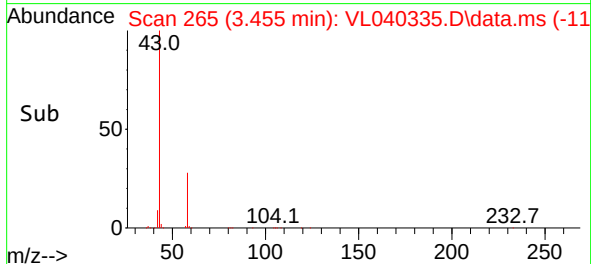
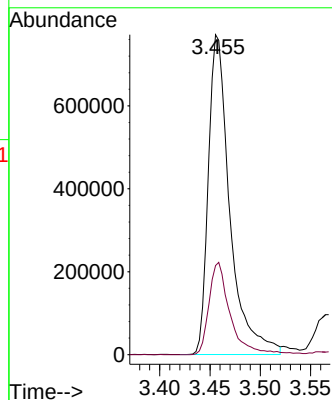
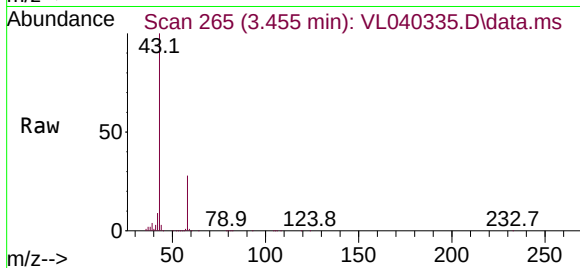
VSTDCCC010

Tgt Ion: 43 Resp: 1148341

Ion Ratio Lower Upper

43 100

58 28.6 21.8 32.8



#16

1,3-Butadiene

Concen: 10.209 ppbv

RT: 2.973 min Scan# 115

Delta R.T. -0.003 min

Lab File: VL040335.D

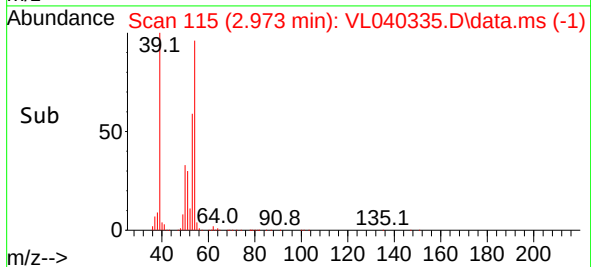
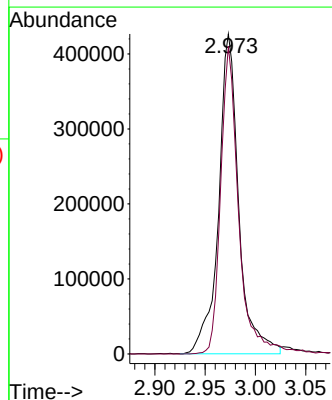
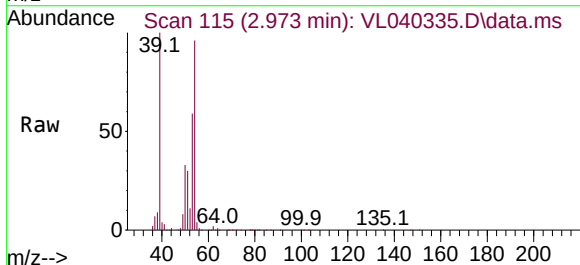
Acq: 12 Apr 2023 10:05

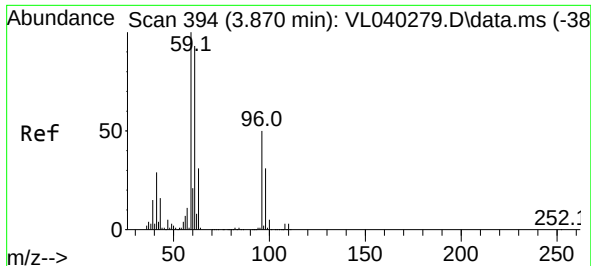
Tgt Ion: 39 Resp: 595820

Ion Ratio Lower Upper

39 100

54 86.9 68.4 102.6





#17

tert-Butyl alcohol

Concen: 10.527 ppbv

RT: 3.867 min Scan# 393

Delta R.T. -0.003 min

Lab File: VL040335.D

Acq: 12 Apr 2023 10:05

Instrument :

MSVOA_L

ClientSampleId :

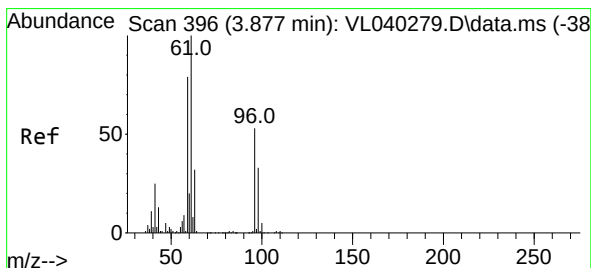
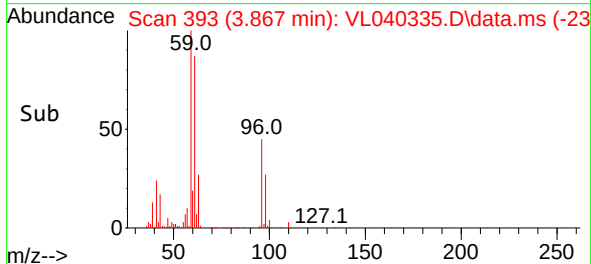
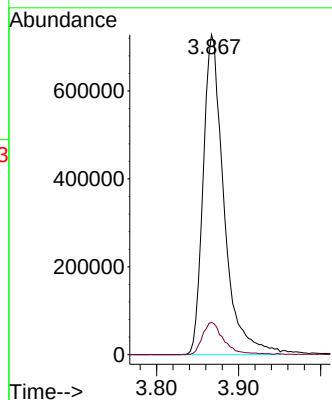
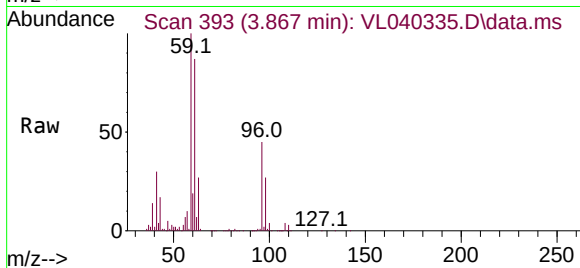
VSTDCCC010

Tgt Ion: 59 Resp: 1284607

Ion Ratio Lower Upper

59 100

57 10.6 8.5 12.7



#18

1,1-Dichloroethene

Concen: 9.448 ppbv

RT: 3.873 min Scan# 395

Delta R.T. -0.004 min

Lab File: VL040335.D

Acq: 12 Apr 2023 10:05

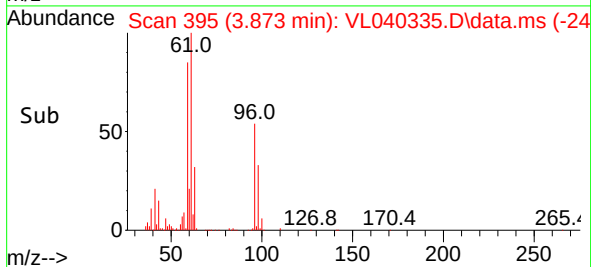
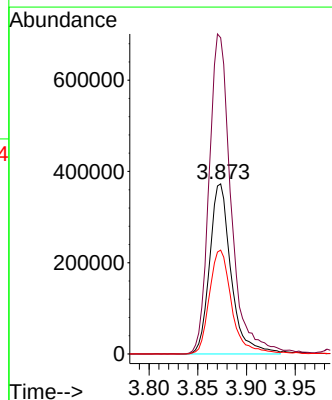
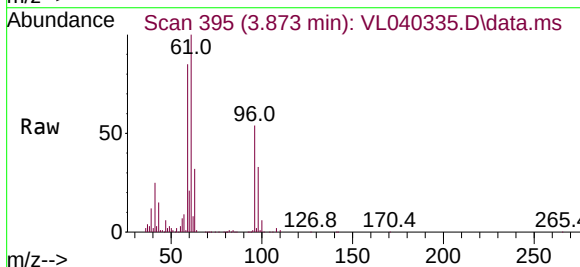
Tgt Ion: 96 Resp: 570723

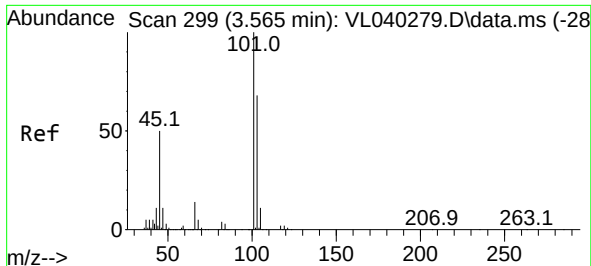
Ion Ratio Lower Upper

96 100

61 185.9 150.6 226.0

98 61.1 50.3 75.5

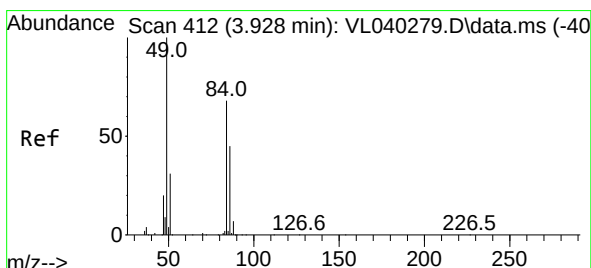
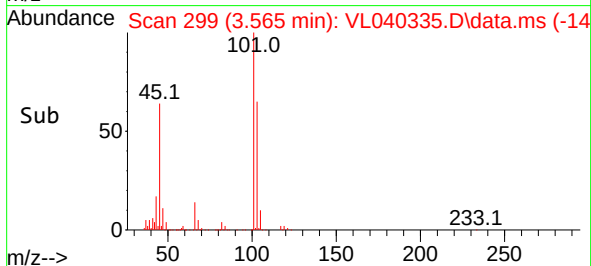
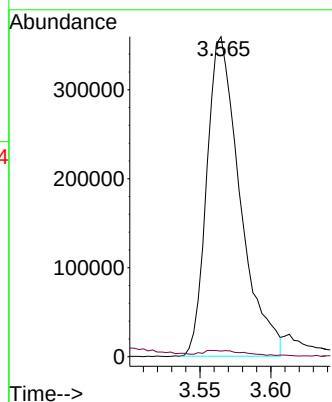
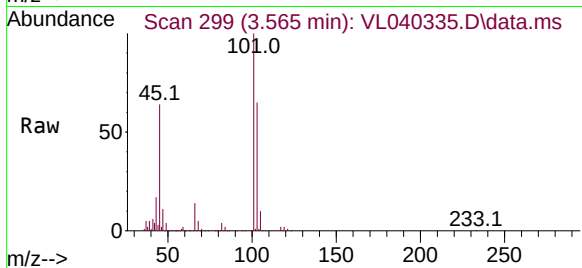




#19
Isopropyl Alcohol
Concen: 9.534 ppbv
RT: 3.565 min Scan# 299
Delta R.T. -0.000 min
Lab File: VL040335.D
Acq: 12 Apr 2023 10:05

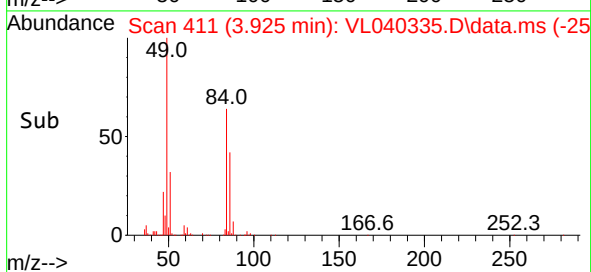
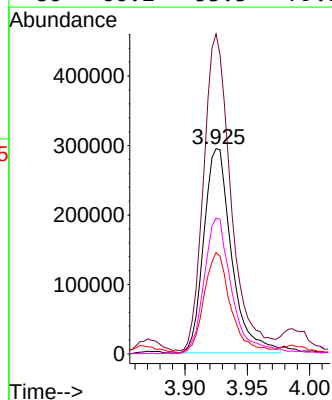
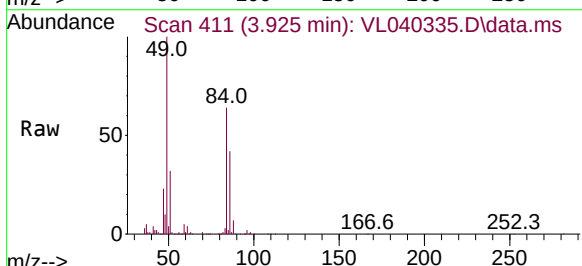
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

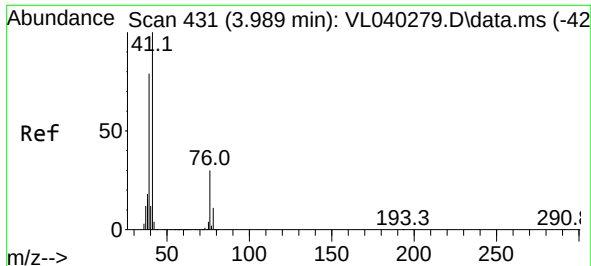
Tgt Ion: 45 Resp: 586413
Ion Ratio Lower Upper
45 100
58 3.1 2.7 4.1



#20
Methylene Chloride
Concen: 8.462 ppbv
RT: 3.925 min Scan# 411
Delta R.T. -0.003 min
Lab File: VL040335.D
Acq: 12 Apr 2023 10:05

Tgt Ion: 84 Resp: 457089
Ion Ratio Lower Upper
84 100
49 155.1 117.5 176.3
51 49.1 36.9 55.3
86 66.2 53.3 79.9

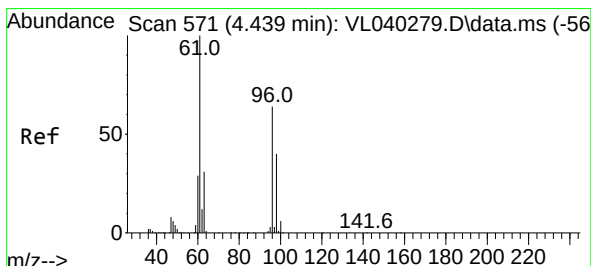
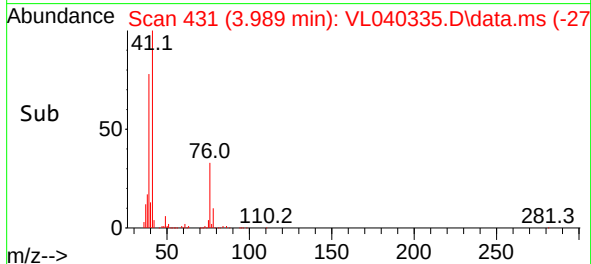
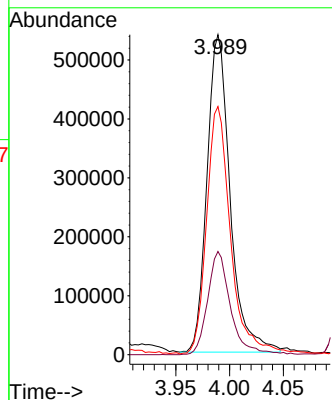
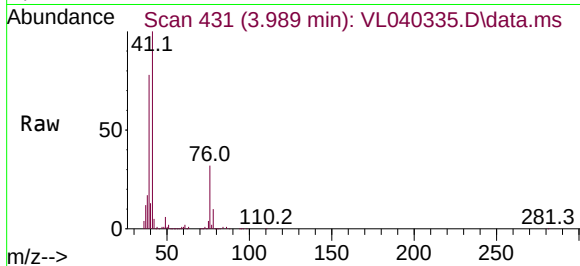




#21
 Allyl Chloride
 Concen: 9.714 ppbv
 RT: 3.989 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VL040335.D
 Acq: 12 Apr 2023 10:05

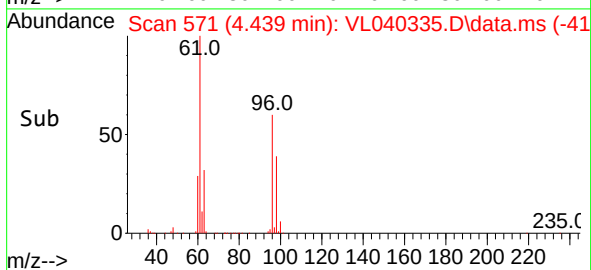
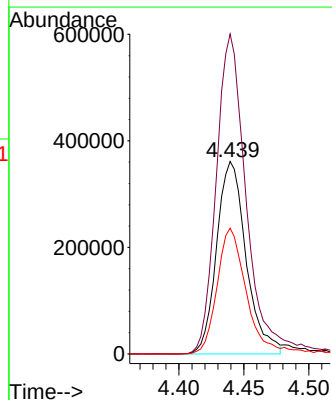
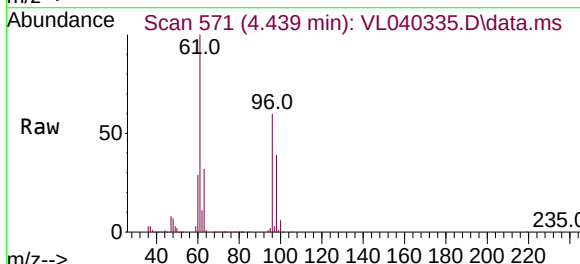
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

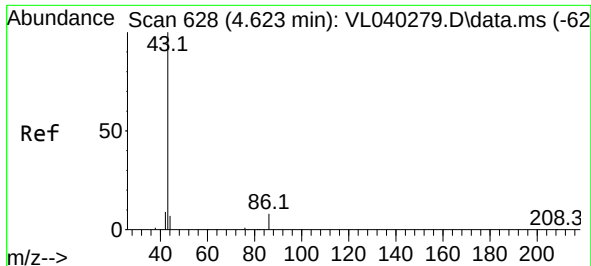
Tgt Ion: 41 Resp: 807937
 Ion Ratio Lower Upper
 41 100
 76 32.1 25.4 38.0
 39 80.3 65.4 98.2



#22
 trans-1,2-Dichloroethene
 Concen: 9.286 ppbv
 RT: 4.439 min Scan# 571
 Delta R.T. 0.000 min
 Lab File: VL040335.D
 Acq: 12 Apr 2023 10:05

Tgt Ion: 96 Resp: 570923
 Ion Ratio Lower Upper
 96 100
 61 166.1 125.4 188.2
 98 65.3 49.8 74.6



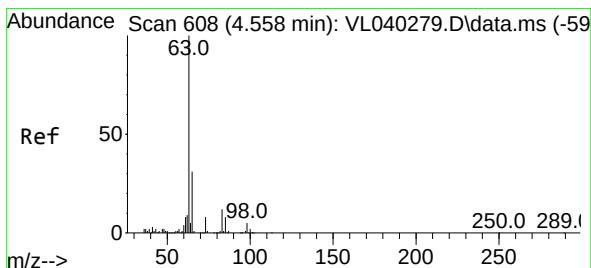
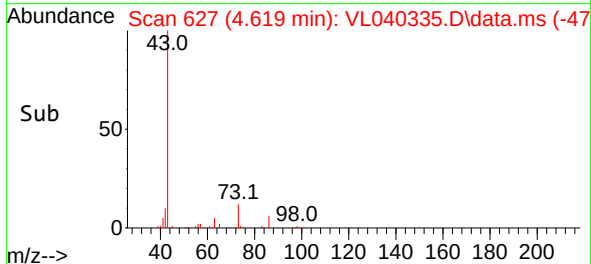
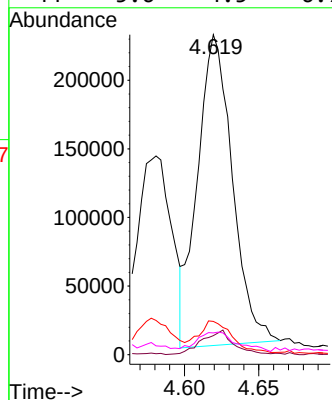
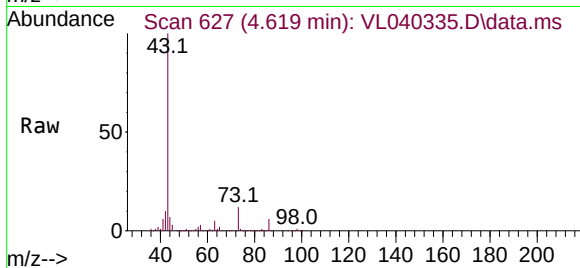


#23
 Vinyl Acetate
 Concen: 10.356 ppbv
 RT: 4.619 min Scan# 61
 Delta R.T. -0.004 min
 Lab File: VL040335.D
 Acq: 12 Apr 2023 10:05

Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDCCC010

Tgt Ion: 43 Resp: 369937

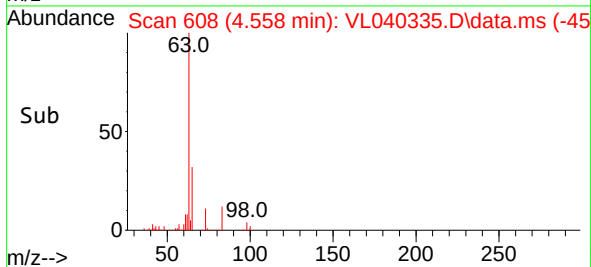
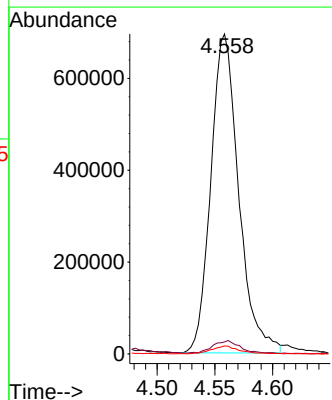
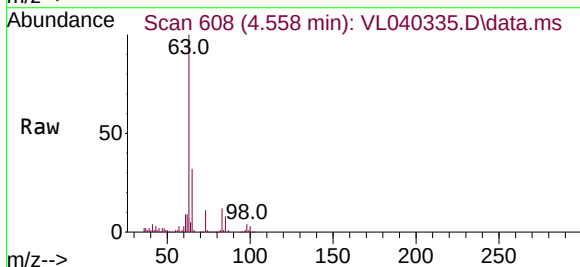
Ion	Ratio	Lower	Upper
43	100		
86	5.8	5.0	7.4
42	10.1	9.1	13.7
44	5.6	4.5	6.7

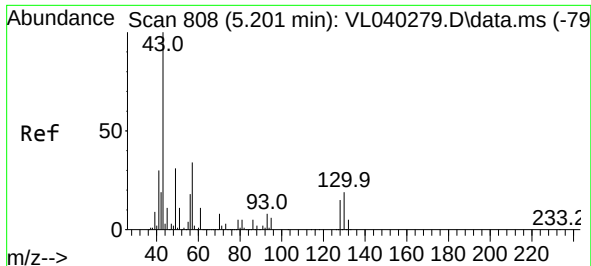


#24
 1,1-Dichloroethane
 Concen: 9.154 ppbv
 RT: 4.558 min Scan# 608
 Delta R.T. 0.000 min
 Lab File: VL040335.D
 Acq: 12 Apr 2023 10:05

Tgt Ion: 63 Resp: 1166312

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



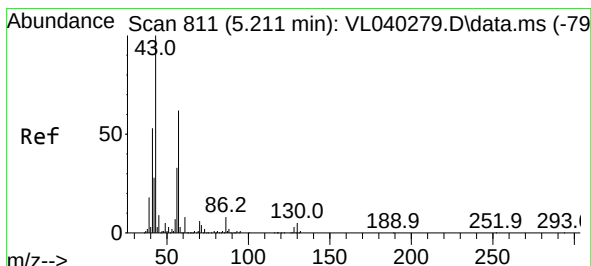
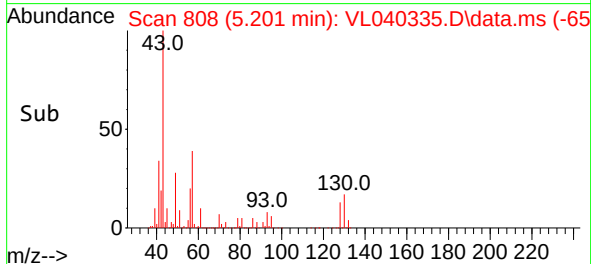
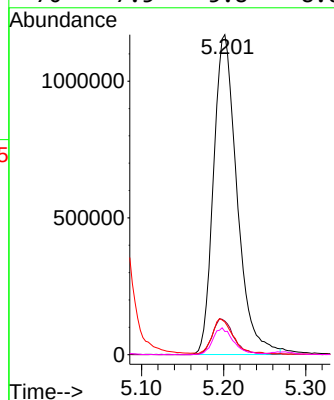
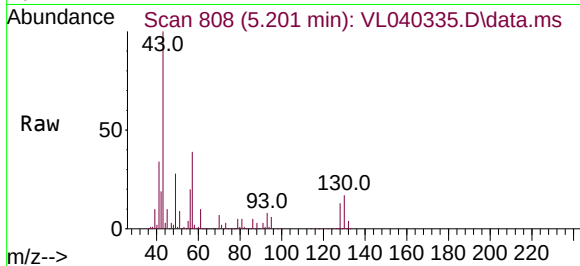


#25
Ethyl Acetate
Concen: 9.673 ppbv
RT: 5.201 min Scan# 808
Delta R.T. 0.000 min
Lab File: VL040335.D
Acq: 12 Apr 2023 10:05

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 43 Resp: 2325326

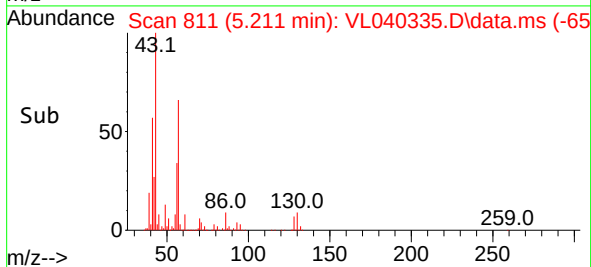
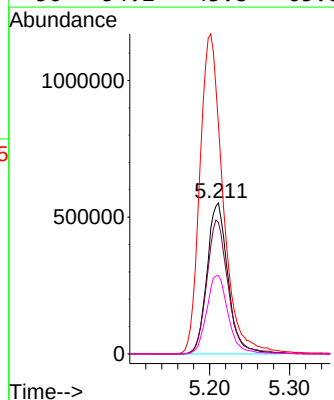
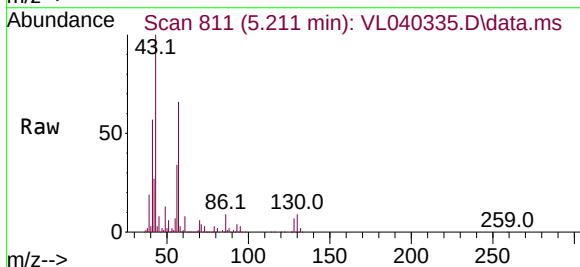
Ion	Ratio	Lower	Upper
43	100		
45	10.6	8.6	12.8
61	10.3	8.4	12.6
70	7.5	5.8	8.6

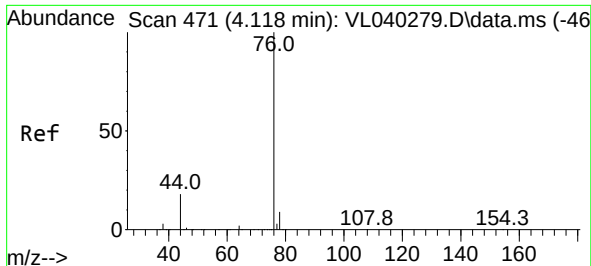


#26
Hexane
Concen: 10.139 ppbv
RT: 5.211 min Scan# 811
Delta R.T. -0.000 min
Lab File: VL040335.D
Acq: 12 Apr 2023 10:05

Tgt Ion: 57 Resp: 1000474

Ion	Ratio	Lower	Upper
57	100		
41	92.1	73.5	110.3
43	235.7	196.3	294.5
56	54.2	43.8	65.8

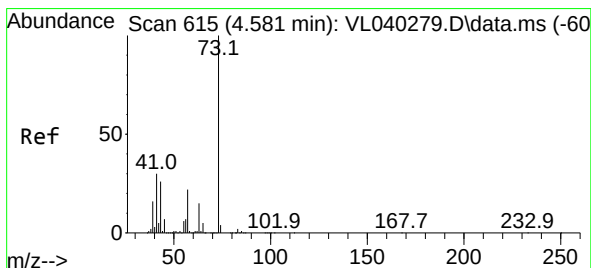
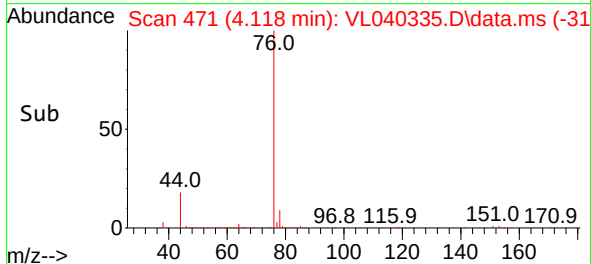
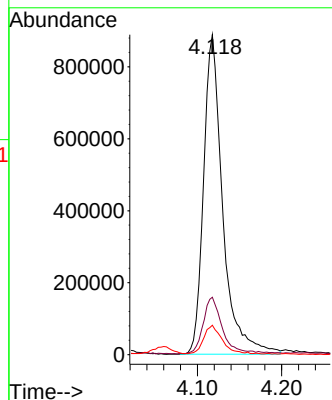
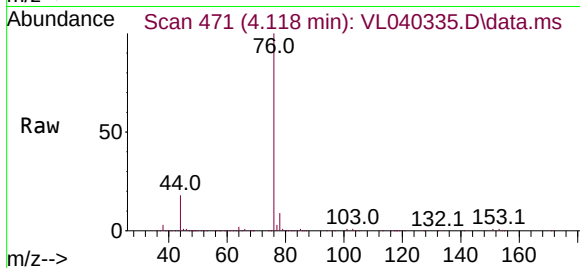




#27
Carbon Disulfide
Concen: 10.219 ppbv
RT: 4.118 min Scan# 471
Delta R.T. -0.000 min
Lab File: VL040335.D
Acq: 12 Apr 2023 10:05

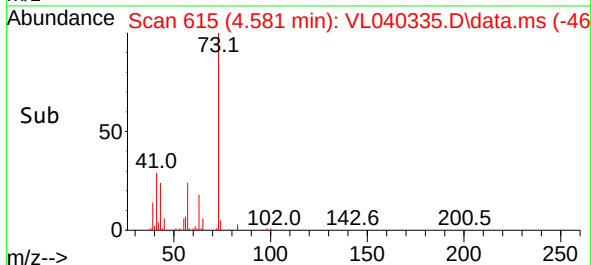
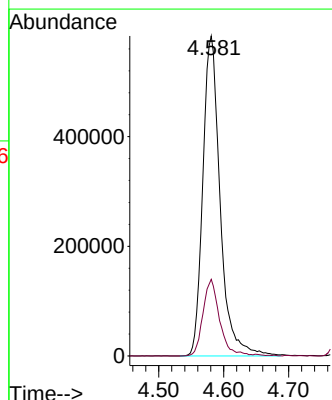
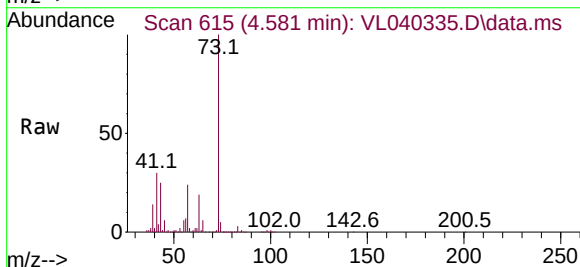
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

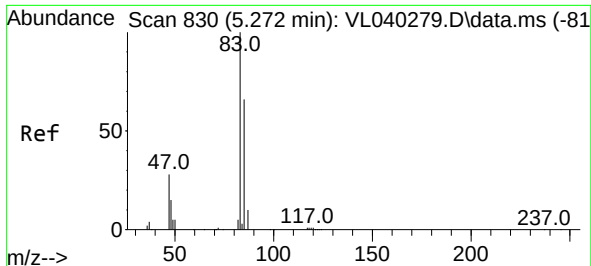
Tgt Ion: 76 Resp: 1408437
Ion Ratio Lower Upper
76 100
44 18.2 15.2 22.8
78 9.6 7.6 11.4



#28
Methyl tert-Butyl Ether
Concen: 9.580 ppbv
RT: 4.581 min Scan# 615
Delta R.T. -0.000 min
Lab File: VL040335.D
Acq: 12 Apr 2023 10:05

Tgt Ion: 73 Resp: 1085405
Ion Ratio Lower Upper
73 100
57 23.4 18.4 27.6





#29

Chloroform

Concen: 9.808 ppbv

RT: 5.272 min Scan# 81

Delta R.T. 0.000 min

Lab File: VL040335.D

Acq: 12 Apr 2023 10:05

Instrument :

MSVOA_L

ClientSampleId :

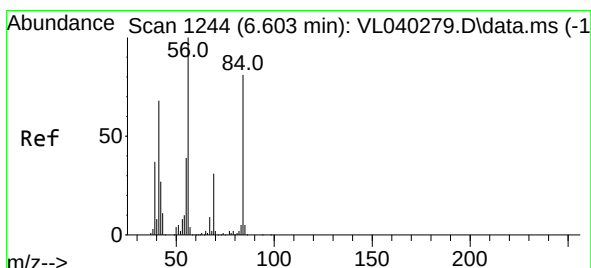
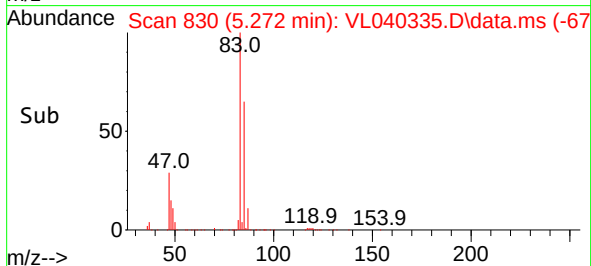
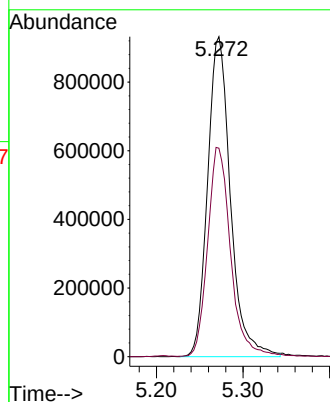
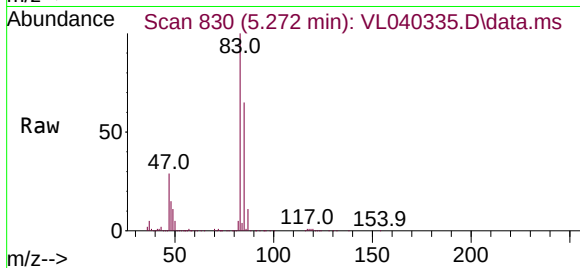
VSTDCCC010

Tgt Ion: 83 Resp: 1708951

Ion Ratio Lower Upper

83 100

85 65.0 52.8 79.2



#30

Cyclohexane

Concen: 10.855 ppbv

RT: 6.603 min Scan# 1244

Delta R.T. 0.000 min

Lab File: VL040335.D

Acq: 12 Apr 2023 10:05

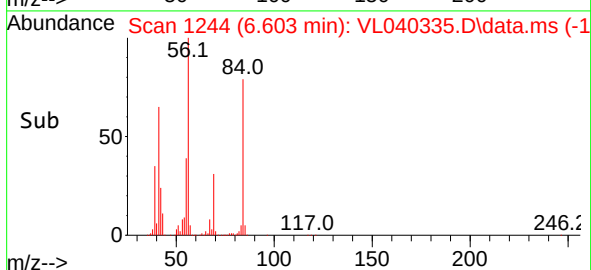
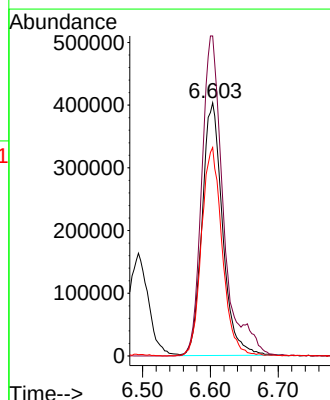
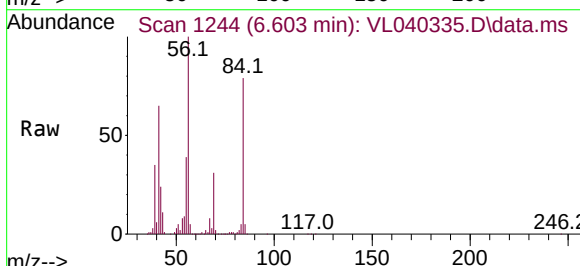
Tgt Ion: 84 Resp: 844054

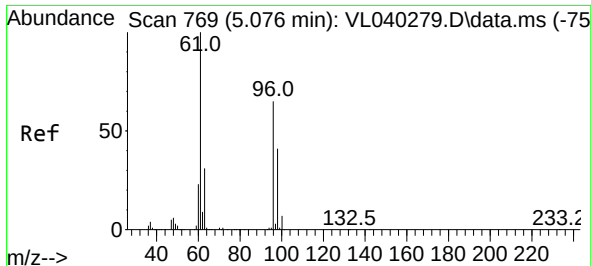
Ion Ratio Lower Upper

84 100

56 134.5 109.0 163.4

41 83.9 67.9 101.9



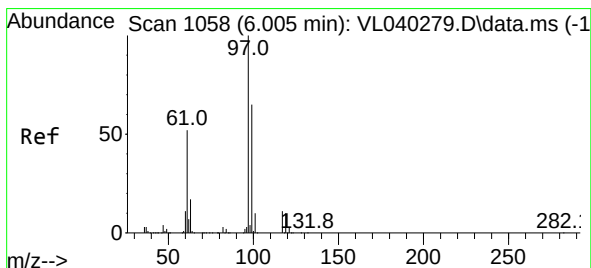
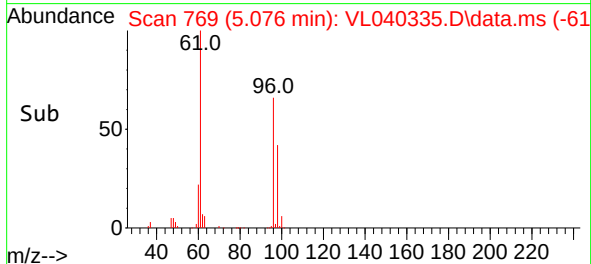
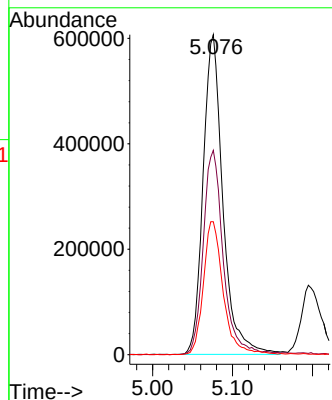
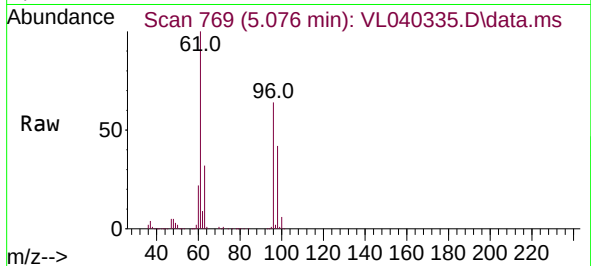


#31
 cis-1,2-Dichloroethene
 Concen: 10.880 ppbv
 RT: 5.076 min Scan# 769
 Delta R.T. -0.000 min
 Lab File: VL040335.D
 Acq: 12 Apr 2023 10:05

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tgt Ion: 61 Resp: 1045566

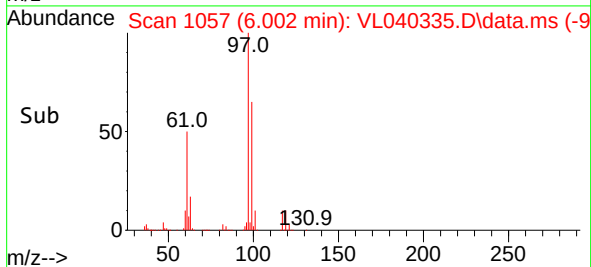
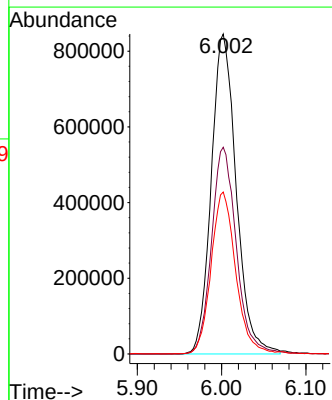
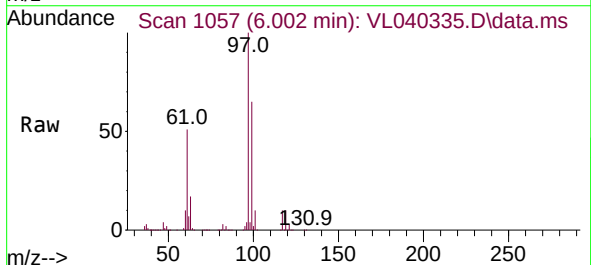
Ion	Ratio	Lower	Upper
61	100		
96	63.8	51.8	77.8
98	41.6	32.5	48.7

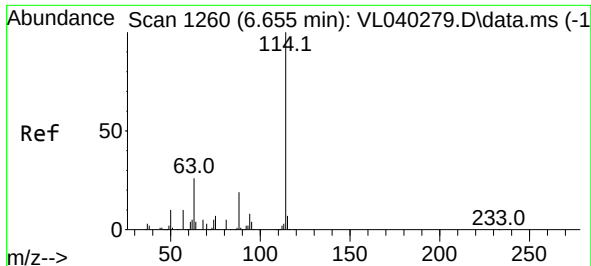


#32
 1,1,1-Trichloroethane
 Concen: 10.419 ppbv
 RT: 6.002 min Scan# 1057
 Delta R.T. -0.003 min
 Lab File: VL040335.D
 Acq: 12 Apr 2023 10:05

Tgt Ion: 97 Resp: 1739305

Ion	Ratio	Lower	Upper
97	100		
99	64.5	52.2	78.2
61	50.3	41.4	62.2





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.651 min Scan# 1259

Delta R.T. -0.004 min

Lab File: VL040335.D

Acq: 12 Apr 2023 10:05

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

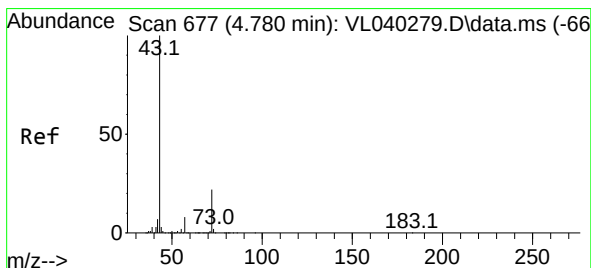
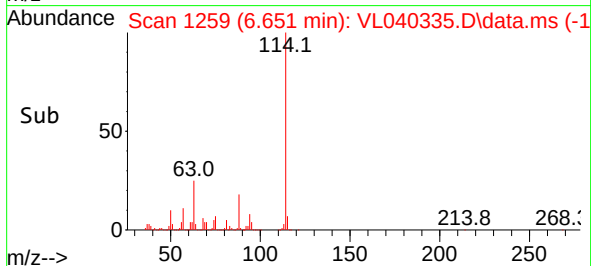
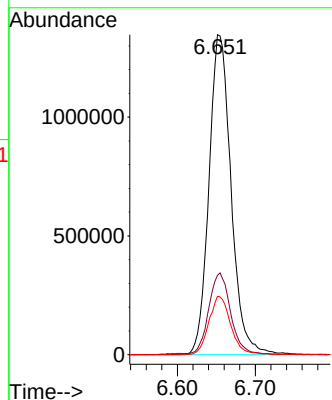
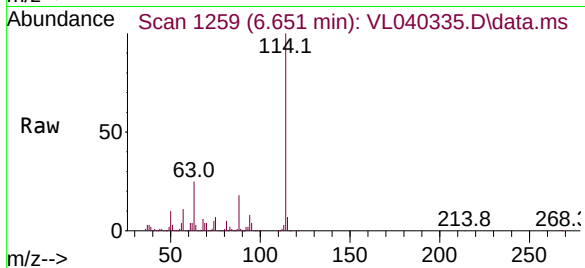
Tgt Ion:114 Resp: 2652799

Ion Ratio Lower Upper

114 100

63 25.8 21.2 31.8

88 18.1 14.5 21.7



#34

2-Butanone

Concen: 9.717 ppbv

RT: 4.780 min Scan# 677

Delta R.T. 0.000 min

Lab File: VL040335.D

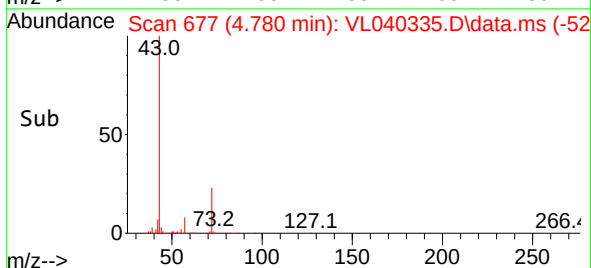
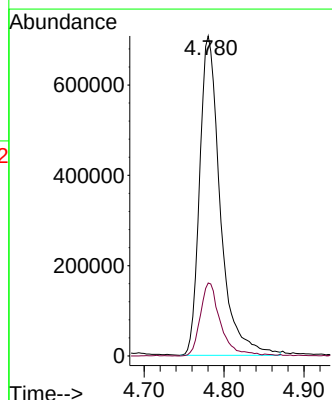
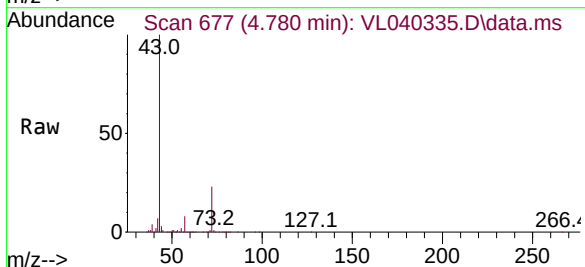
Acq: 12 Apr 2023 10:05

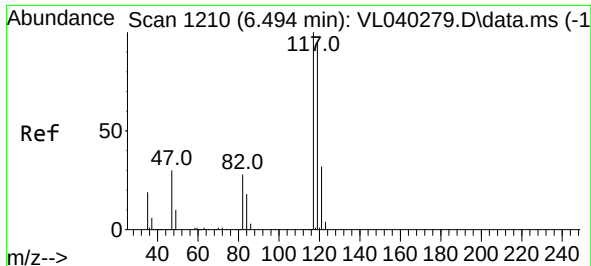
Tgt Ion: 43 Resp: 1272216

Ion Ratio Lower Upper

43 100

72 22.8 18.3 27.5



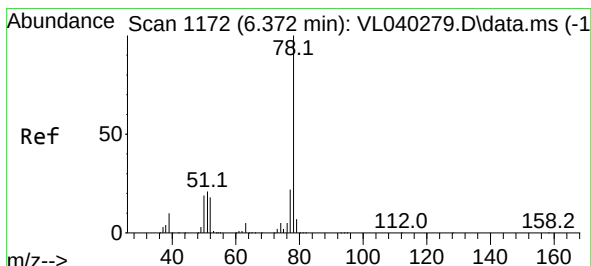
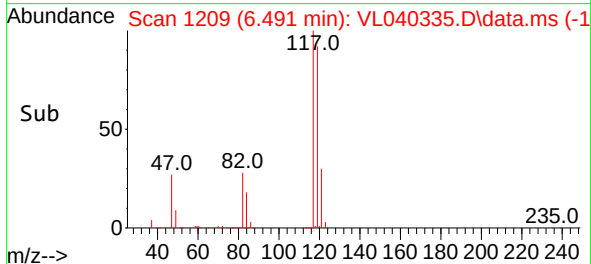
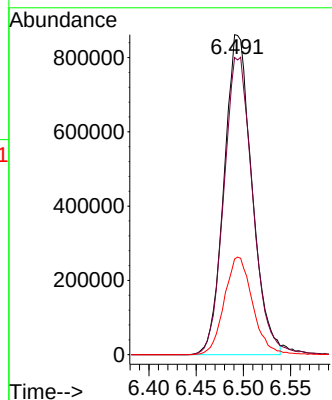
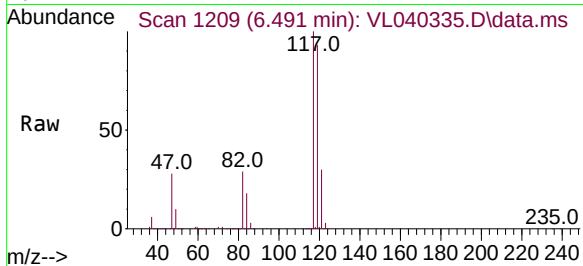


#35
Carbon Tetrachloride
Concen: 10.604 ppbv
RT: 6.491 min Scan# 117
Delta R.T. -0.003 min
Lab File: VL040335.D
Acq: 12 Apr 2023 10:05

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:117 Resp: 1765237

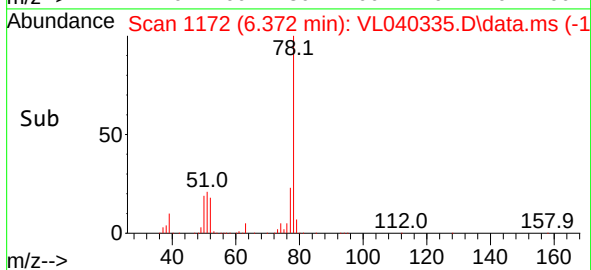
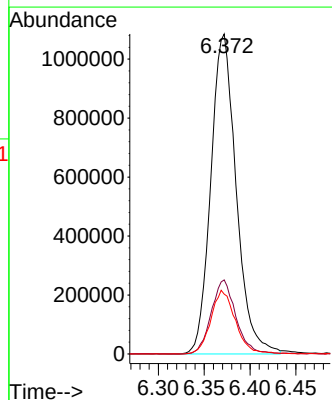
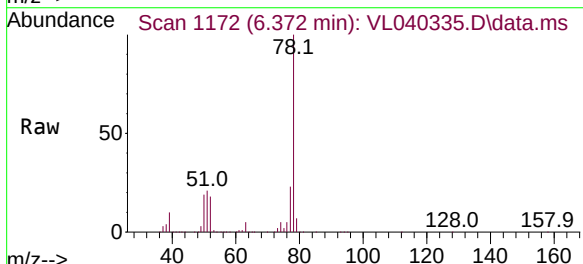
Ion	Ratio	Lower	Upper
117	100		
119	92.9	76.4	114.6
121	29.9	25.6	38.4

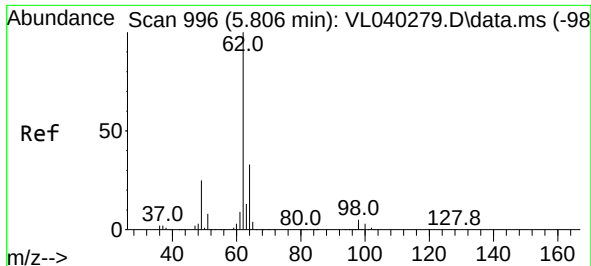


#36
Benzene
Concen: 10.351 ppbv
RT: 6.372 min Scan# 1172
Delta R.T. -0.000 min
Lab File: VL040335.D
Acq: 12 Apr 2023 10:05

Tgt Ion: 78 Resp: 2092567

Ion	Ratio	Lower	Upper
78	100		
77	23.1	17.8	26.8
50	18.7	15.4	23.2





#37

1,2-Dichloroethane

Concen: 10.082 ppbv

RT: 5.806 min Scan# 996

Delta R.T. -0.000 min

Lab File: VL040335.D

Acq: 12 Apr 2023 10:05

Instrument :

MSVOA_L

ClientSampleId :

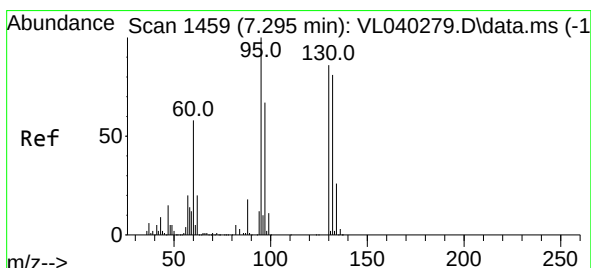
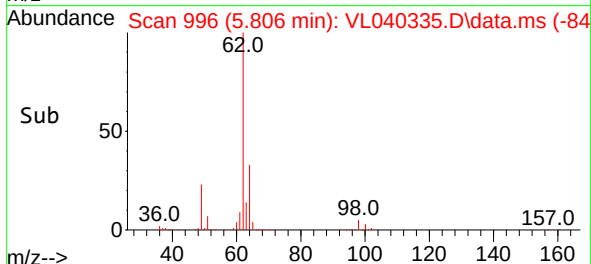
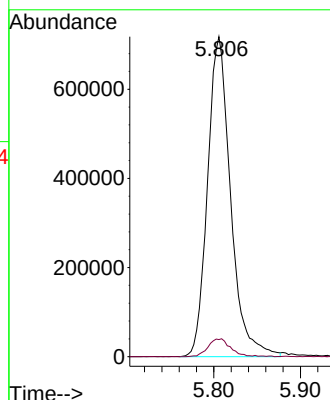
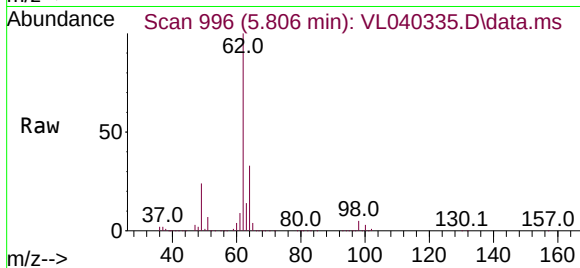
VSTDCCC010

Tgt Ion: 62 Resp: 1326683

Ion Ratio Lower Upper

62 100

98 5.6 4.3 6.5



#38

Trichloroethene

Concen: 11.152 ppbv

RT: 7.295 min Scan# 1459

Delta R.T. -0.000 min

Lab File: VL040335.D

Acq: 12 Apr 2023 10:05

Tgt Ion:130 Resp: 1232053

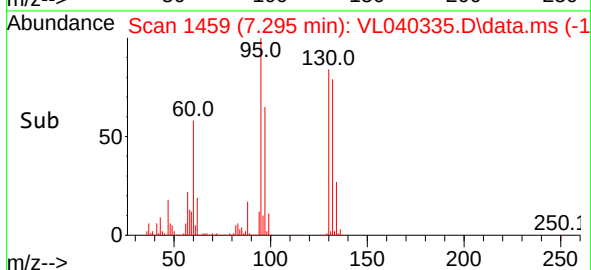
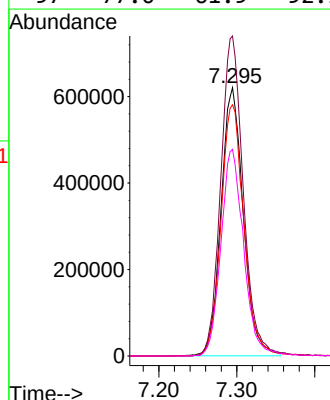
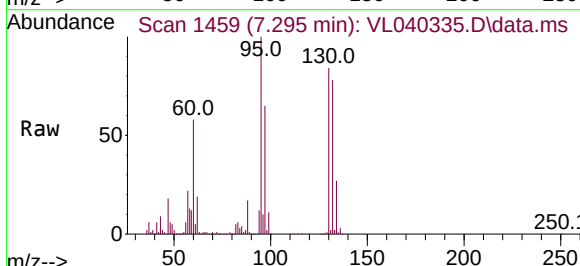
Ion Ratio Lower Upper

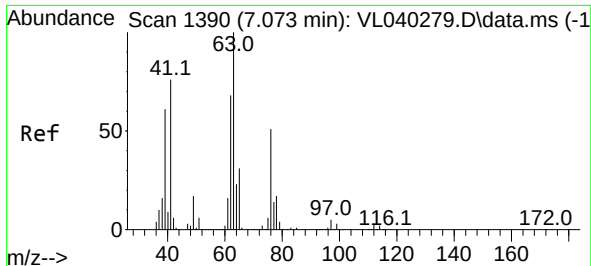
130 100

95 119.4 93.0 139.4

132 93.7 75.3 112.9

97 77.0 61.9 92.9





#39

1,2-Dichloropropane

Concen: 10.062 ppbv

RT: 7.076 min Scan# 11

Delta R.T. 0.003 min

Lab File: VL040335.D

Acq: 12 Apr 2023 10:05

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

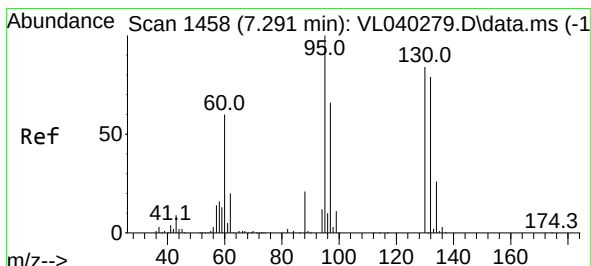
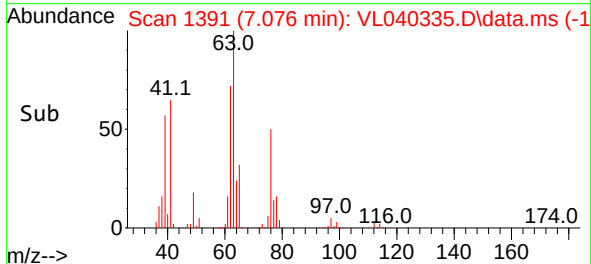
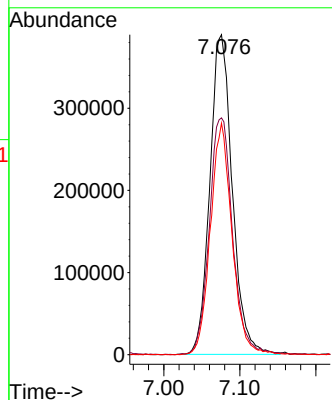
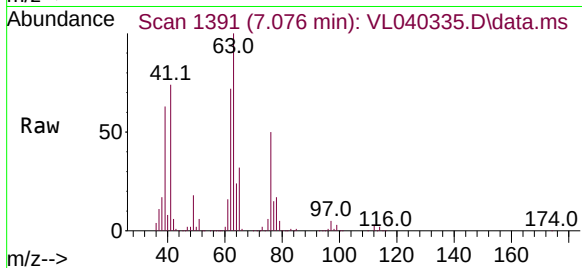
Tgt Ion: 63 Resp: 798053

Ion Ratio Lower Upper

63 100

41 73.9 60.8 91.2

62 72.4 54.1 81.1



#40

1,4-Dioxane

Concen: 9.337 ppbv

RT: 7.291 min Scan# 1458

Delta R.T. 0.000 min

Lab File: VL040335.D

Acq: 12 Apr 2023 10:05

Tgt Ion: 88 Resp: 292994

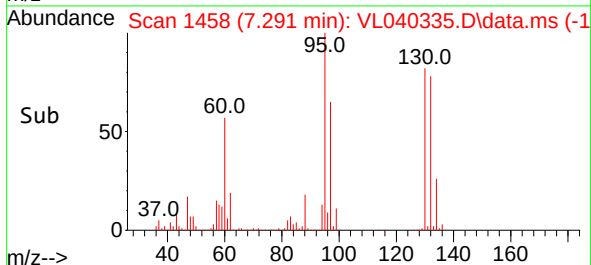
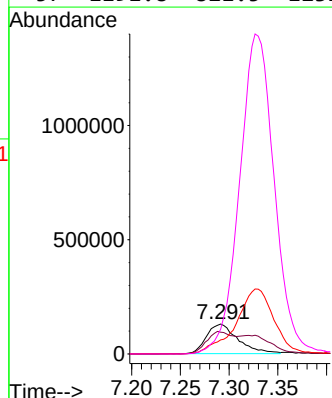
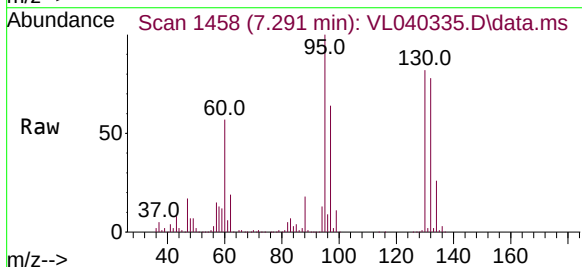
Ion Ratio Lower Upper

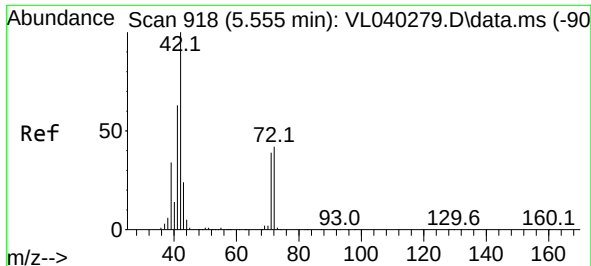
88 100

58 129.9 96.0 144.0

43 265.3 187.6 281.4

57 1191.8 821.5 1232.3

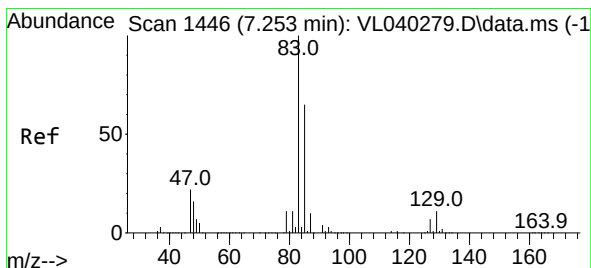
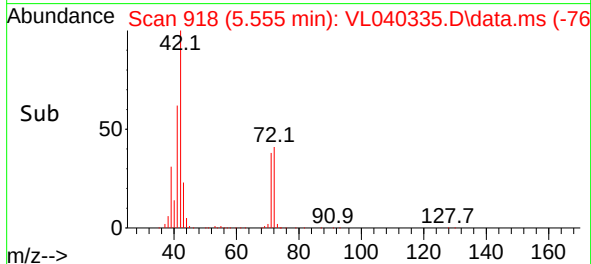
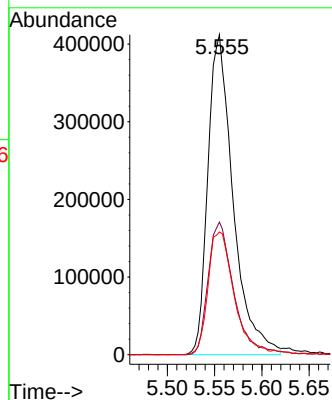
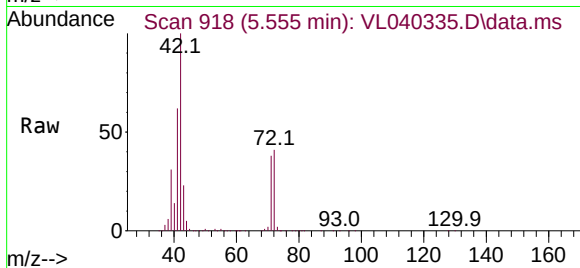




#41
Tetrahydrofuran
Concen: 10.128 ppbv
RT: 5.555 min Scan# 918
Delta R.T. 0.000 min
Lab File: VL040335.D
Acq: 12 Apr 2023 10:05

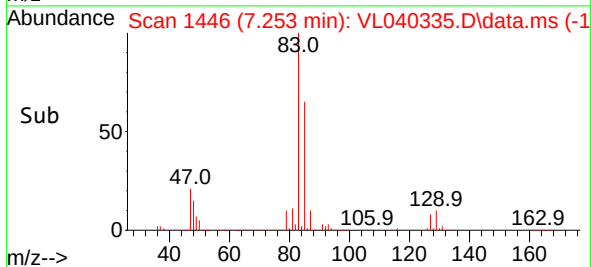
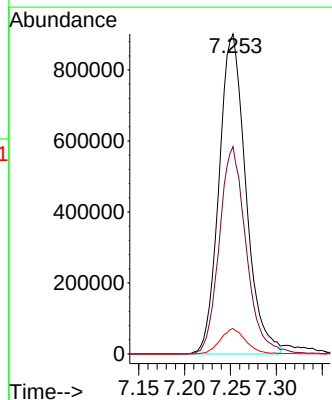
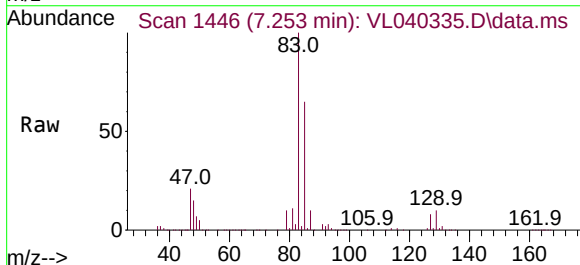
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

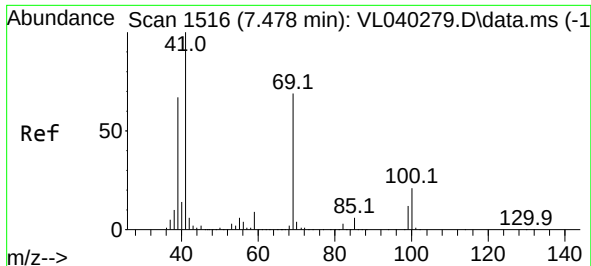
Tgt Ion: 42 Resp: 765308
Ion Ratio Lower Upper
42 100
72 42.4 32.6 49.0
71 40.5 31.0 46.4



#42
Bromodichloromethane
Concen: 10.175 ppbv
RT: 7.253 min Scan# 1446
Delta R.T. -0.000 min
Lab File: VL040335.D
Acq: 12 Apr 2023 10:05

Tgt Ion: 83 Resp: 1829596
Ion Ratio Lower Upper
83 100
85 64.8 52.1 78.1
127 7.9 5.8 8.6

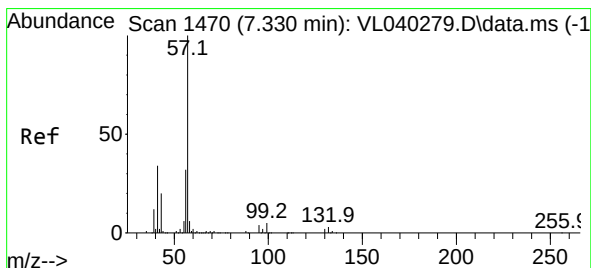
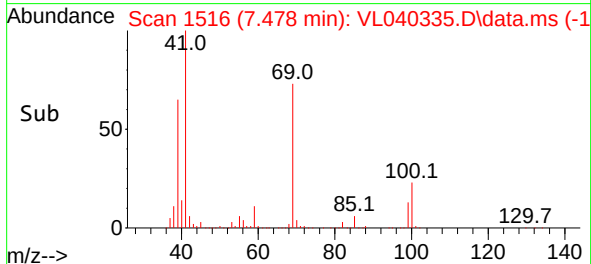
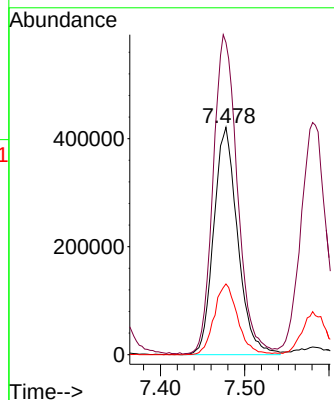
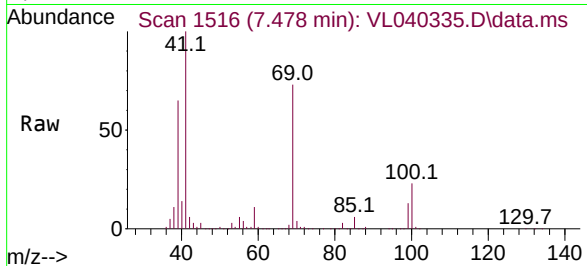




#43
Methyl Methacrylate
Concen: 11.053 ppbv
RT: 7.478 min Scan# 11
Delta R.T. -0.000 min
Lab File: VL040335.D
Acq: 12 Apr 2023 10:05

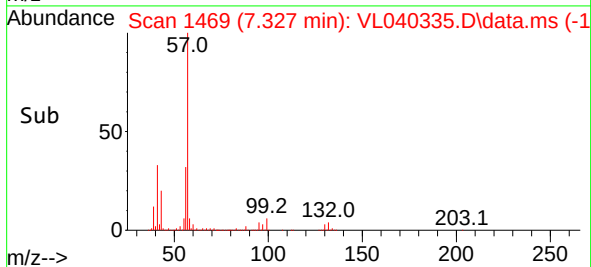
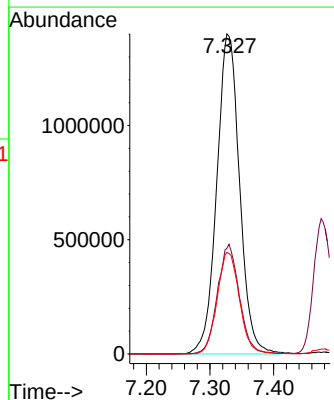
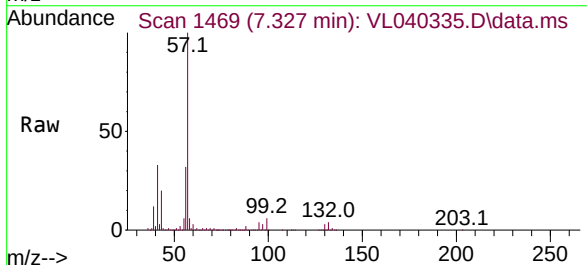
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

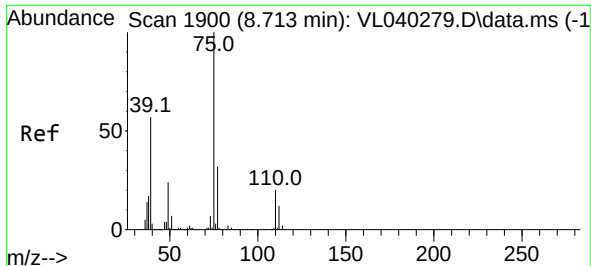
Tgt Ion: 69 Resp: 830382
Ion Ratio Lower Upper
69 100
41 142.4 116.9 175.3
100 30.6 24.2 36.4



#44
2,2,4-Trimethylpentane
Concen: 10.339 ppbv
RT: 7.327 min Scan# 1469
Delta R.T. -0.003 min
Lab File: VL040335.D
Acq: 12 Apr 2023 10:05

Tgt Ion: 57 Resp: 3484839
Ion Ratio Lower Upper
57 100
41 33.0 26.8 40.2
56 31.1 25.0 37.6





#45

t-1,3-Dichloropropene

Concen: 11.773 ppbv

RT: 8.712 min Scan# 1900

Delta R.T. -0.001 min

Lab File: VL040335.D

Acq: 12 Apr 2023 10:05

Instrument :

MSVOA_L

ClientSampleId :

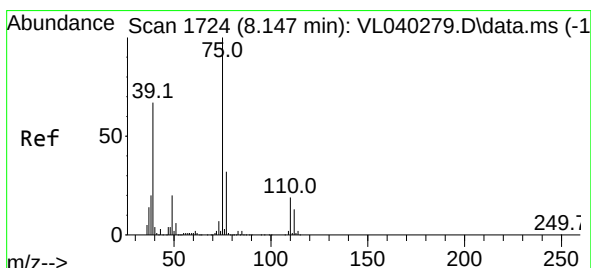
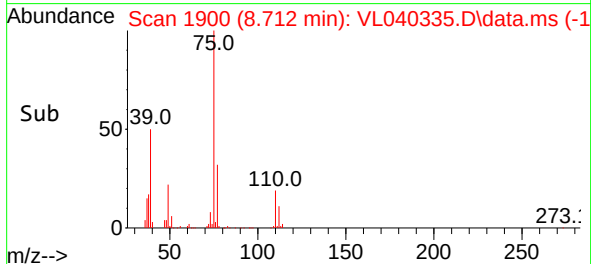
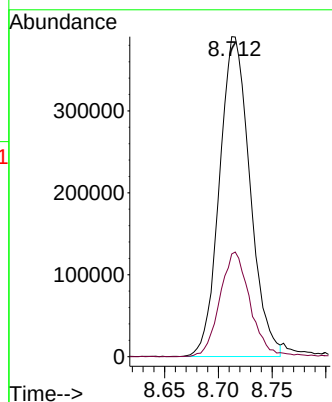
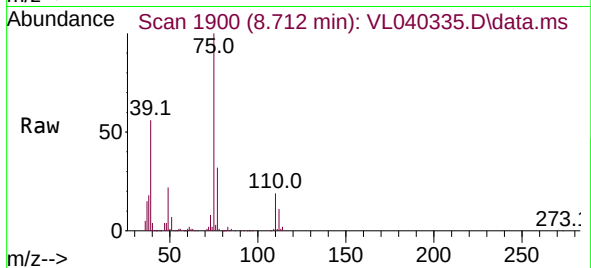
VSTDCCC010

Tgt Ion: 75 Resp: 771055

Ion Ratio Lower Upper

75 100

77 32.1 25.4 38.0



#46

cis-1,3-Dichloropropene

Concen: 11.578 ppbv

RT: 8.147 min Scan# 1724

Delta R.T. -0.000 min

Lab File: VL040335.D

Acq: 12 Apr 2023 10:05

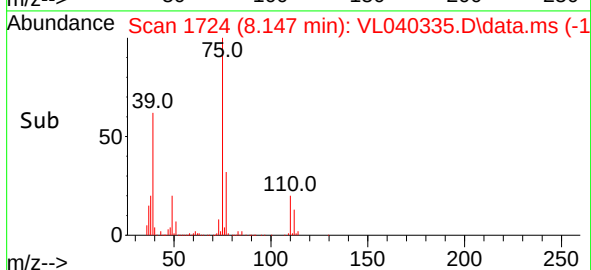
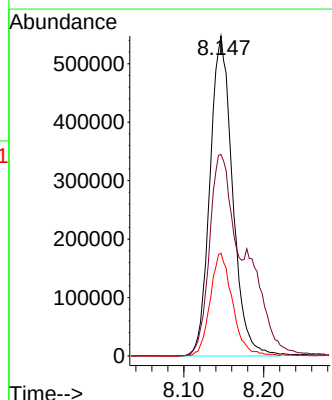
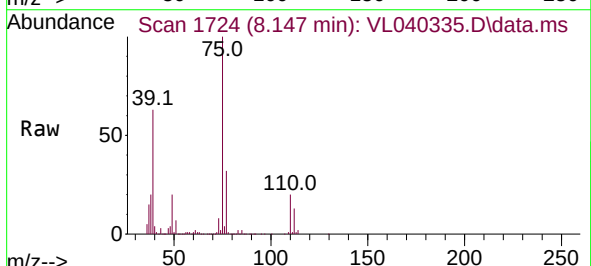
Tgt Ion: 75 Resp: 1076818

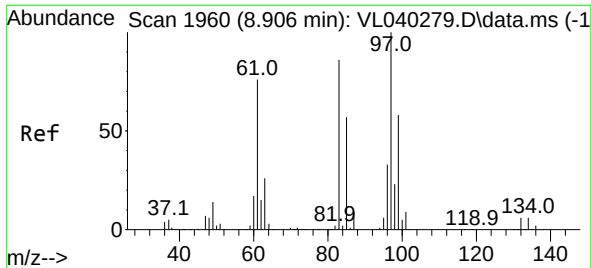
Ion Ratio Lower Upper

75 100

39 62.8 53.9 80.9

77 32.2 25.3 37.9

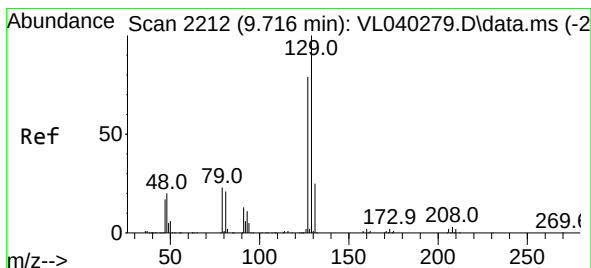
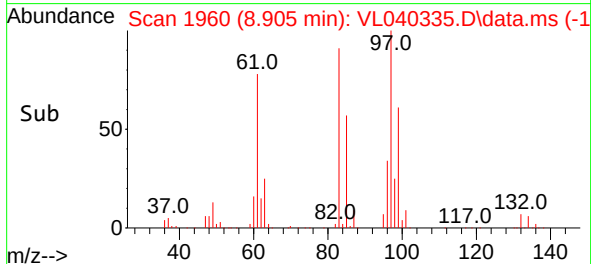
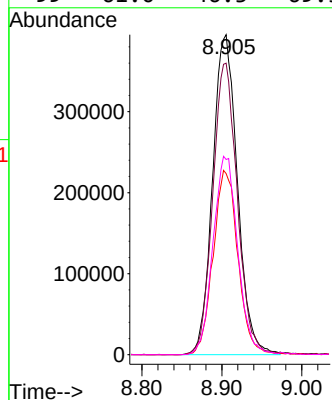
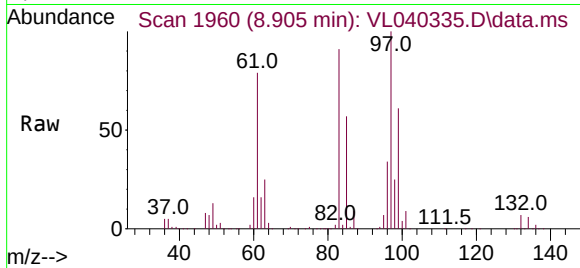




#47
1,1,2-Trichloroethane
Concen: 10.046 ppbv
RT: 8.905 min Scan# 1960
Delta R.T. -0.001 min
Lab File: VL040335.D
Acq: 12 Apr 2023 10:05

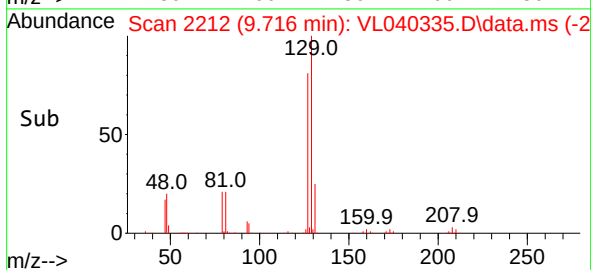
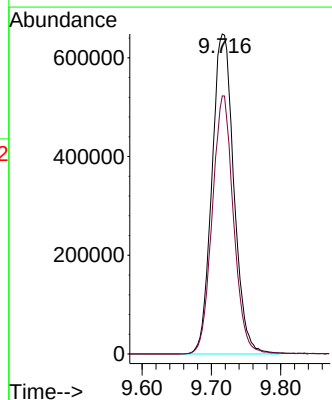
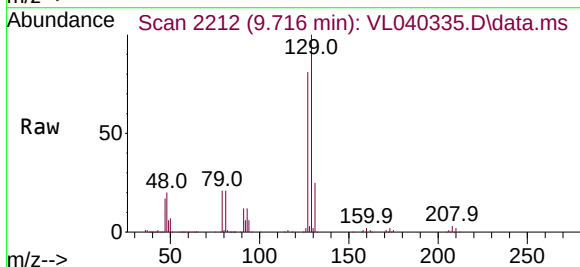
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

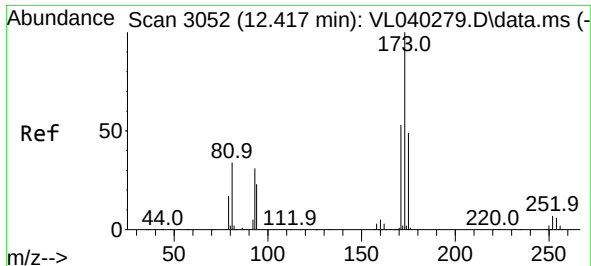
Tgt Ion: 97	Resp: 850187
Ion Ratio	Lower Upper
97 100	
83 91.1	68.6 103.0
85 56.6	46.0 69.0
99 61.0	46.3 69.5



#48
Dibromochloromethane
Concen: 10.253 ppbv
RT: 9.716 min Scan# 2212
Delta R.T. -0.000 min
Lab File: VL040335.D
Acq: 12 Apr 2023 10:05

Tgt	Ion:129	Resp:	1427973
Ion	Ratio	Lower	Upper
129	100		
127	78.3	39.1	117.5

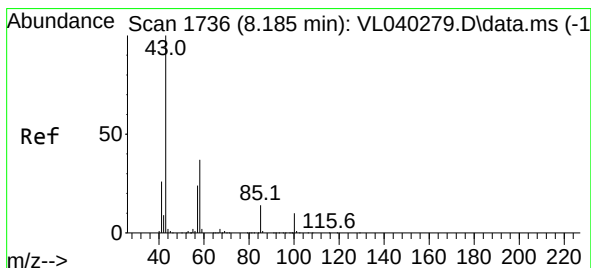
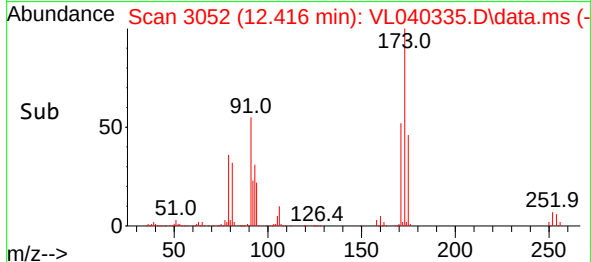
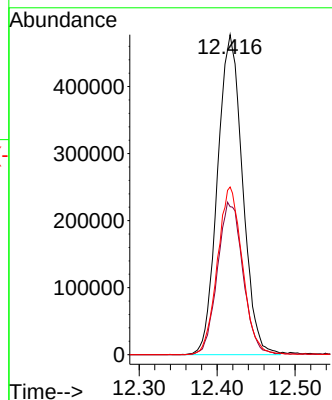
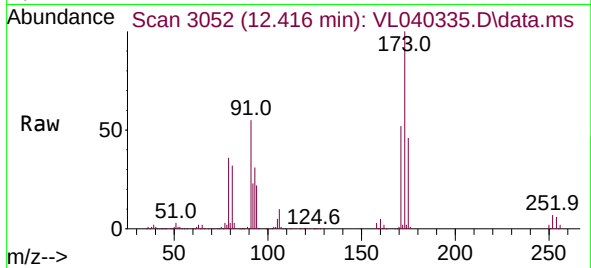




#49
Bromoform
Concen: 10.196 ppbv
RT: 12.416 min Scan# 3052
Delta R.T. -0.001 min
Lab File: VL040335.D
Acq: 12 Apr 2023 10:05

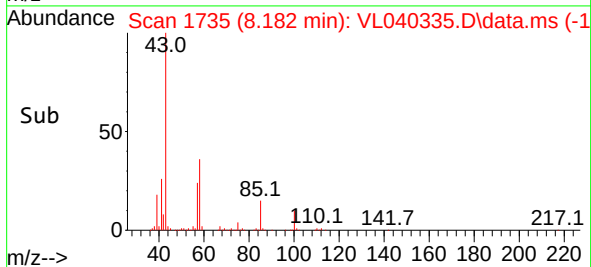
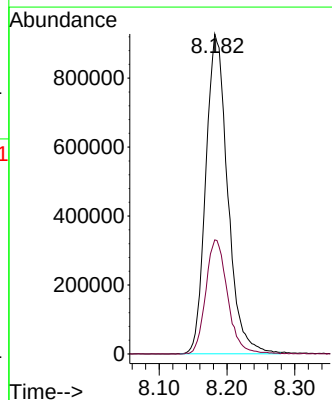
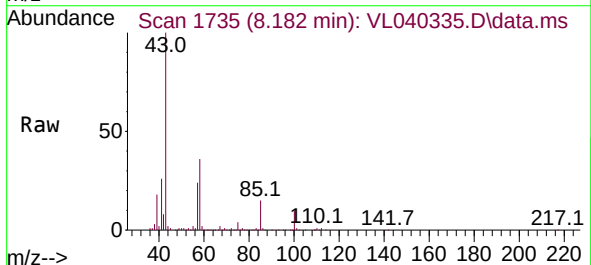
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

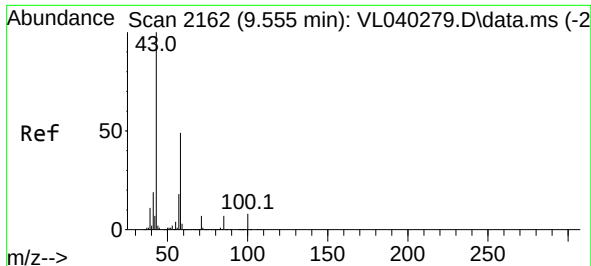
Tgt Ion:173 Resp: 1066443
Ion Ratio Lower Upper
173 100
175 48.7 39.8 59.8
171 52.4 42.2 63.4



#50
4-Methyl-2-Pentanone
Concen: 10.260 ppbv
RT: 8.182 min Scan# 1735
Delta R.T. -0.003 min
Lab File: VL040335.D
Acq: 12 Apr 2023 10:05

Tgt Ion: 43 Resp: 2078689
Ion Ratio Lower Upper
43 100
58 35.7 29.2 43.8



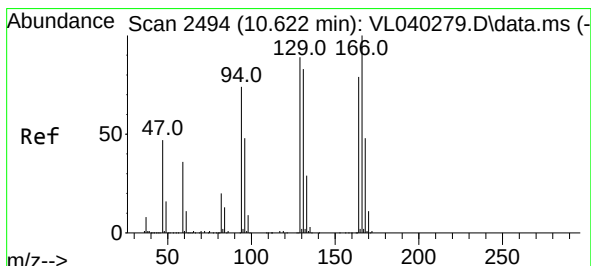
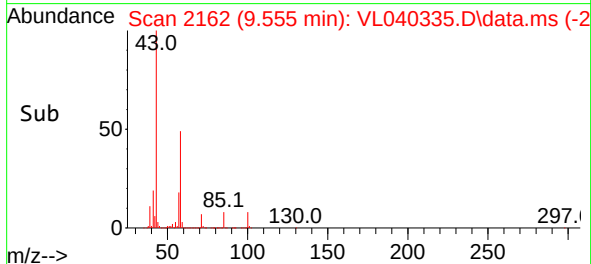
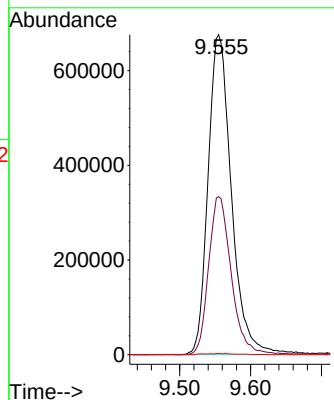
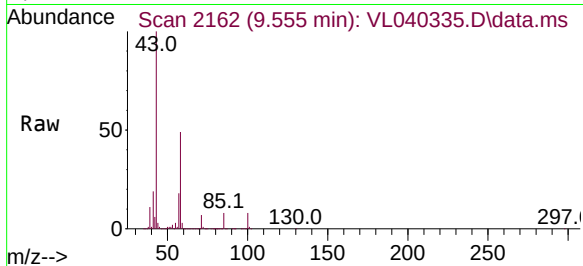


#51
2-Hexanone
Concen: 9.821 ppbv
RT: 9.555 min Scan# 2162
Delta R.T. -0.000 min
Lab File: VL040335.D
Acq: 12 Apr 2023 10:05

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 43 Resp: 1541534

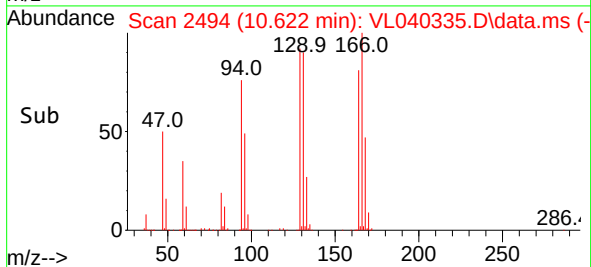
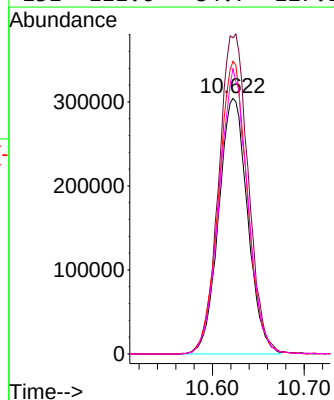
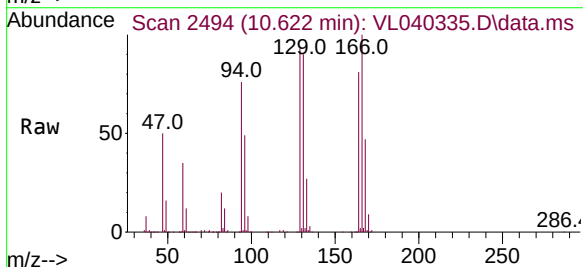
Ion	Ratio	Lower	Upper
43	100		
58	48.6	38.0	57.0
98	0.5	0.5	0.7

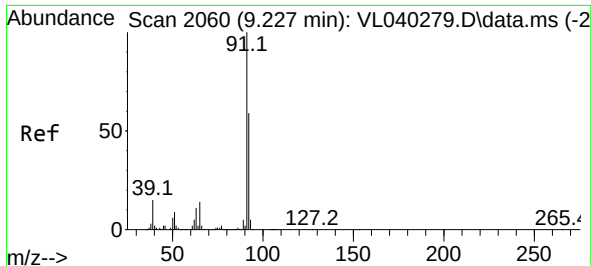


#52
Tetrachloroethene
Concen: 10.905 ppbv
RT: 10.622 min Scan# 2494
Delta R.T. 0.000 min
Lab File: VL040335.D
Acq: 12 Apr 2023 10:05

Tgt Ion: 164 Resp: 666968

Ion	Ratio	Lower	Upper
164	100		
166	123.8	101.8	152.6
129	114.4	90.2	135.2
131	111.6	84.7	127.1

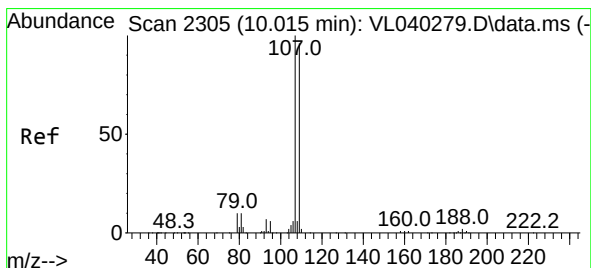
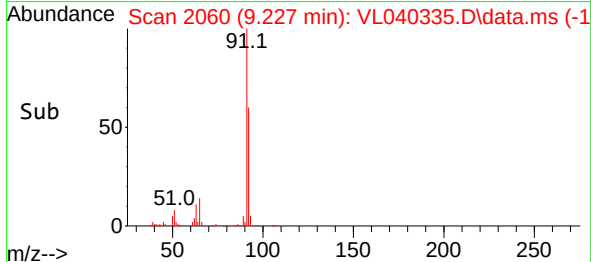
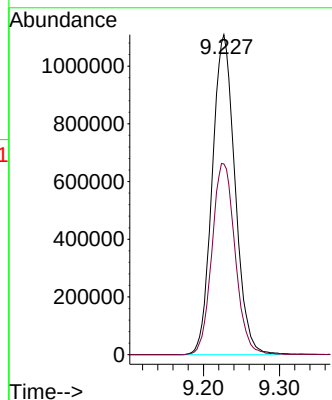
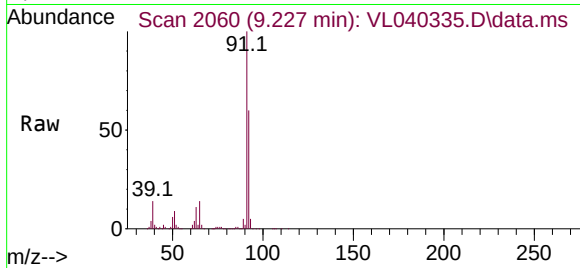




#53
Toluene
Concen: 10.880 ppbv
RT: 9.227 min Scan# 2060
Delta R.T. -0.000 min
Lab File: VL040335.D
Acq: 12 Apr 2023 10:05

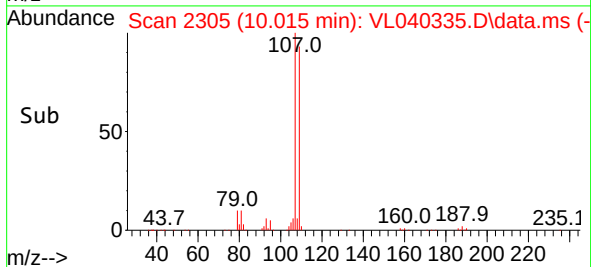
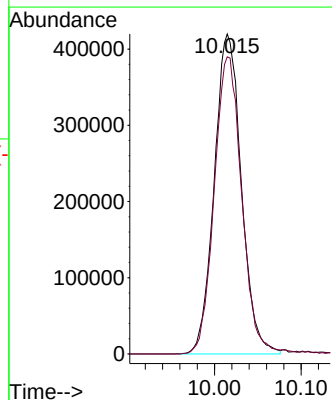
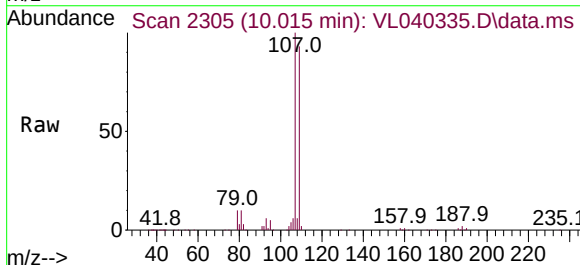
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

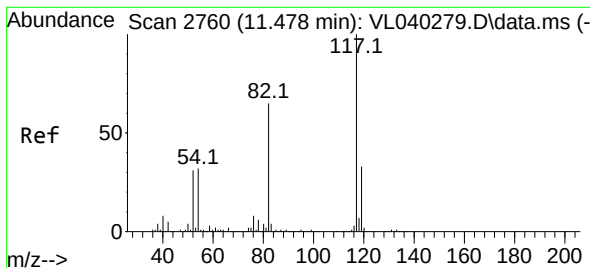
Tgt Ion: 91 Resp: 2305080
Ion Ratio Lower Upper
91 100
92 60.9 48.0 72.0



#54
1,2-Dibromoethane
Concen: 10.474 ppbv
RT: 10.015 min Scan# 2305
Delta R.T. -0.000 min
Lab File: VL040335.D
Acq: 12 Apr 2023 10:05

Tgt Ion: 107 Resp: 912425
Ion Ratio Lower Upper
107 100
109 92.9 77.0 115.6





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.474 min Scan# 2760

Delta R.T. -0.004 min

Lab File: VL040335.D

Acq: 12 Apr 2023 10:05

Instrument :

MSVOA_1

ClientSampleId :

VSTDCCC010

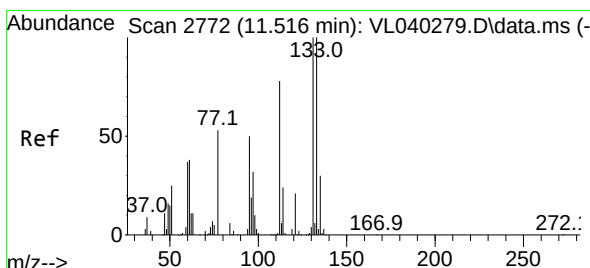
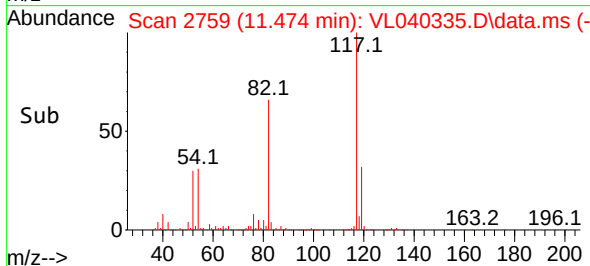
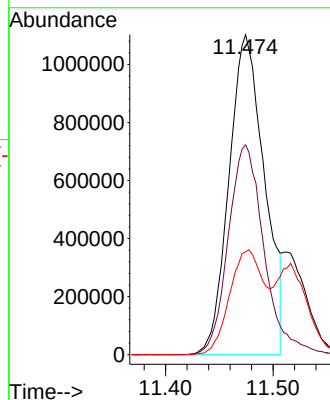
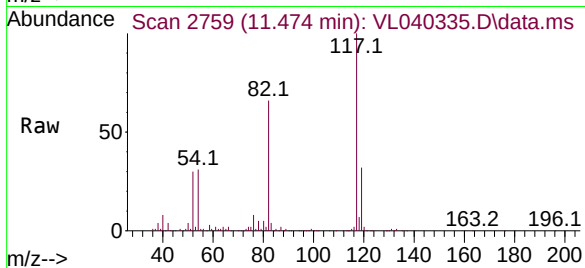
Tgt Ion:117 Resp: 2528081

Ion Ratio Lower Upper

117 100

82 66.4 51.4 77.2

119 29.9 24.0 36.0



#56

1,1,1,2-Tetrachloroethane

Concen: 9.615 ppbv

RT: 11.516 min Scan# 2772

Delta R.T. 0.000 min

Lab File: VL040335.D

Acq: 12 Apr 2023 10:05

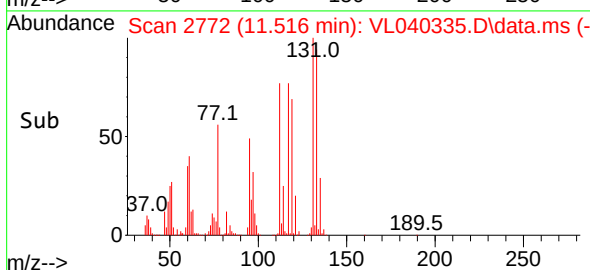
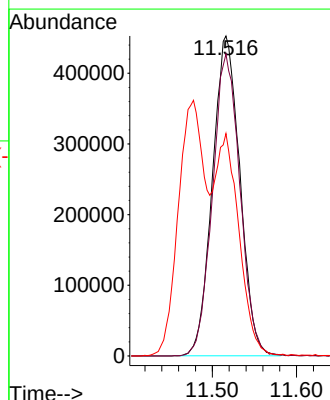
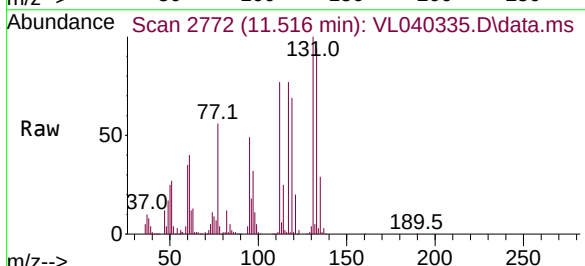
Tgt Ion:131 Resp: 1022506

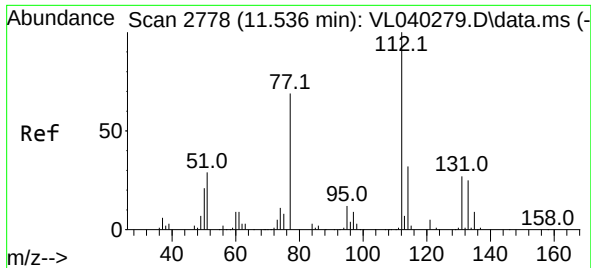
Ion Ratio Lower Upper

131 100

133 94.8 76.5 114.7

119 66.9 47.9 71.9

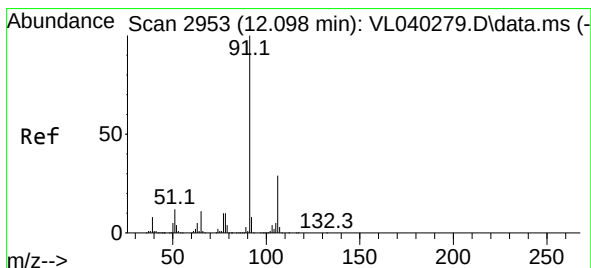
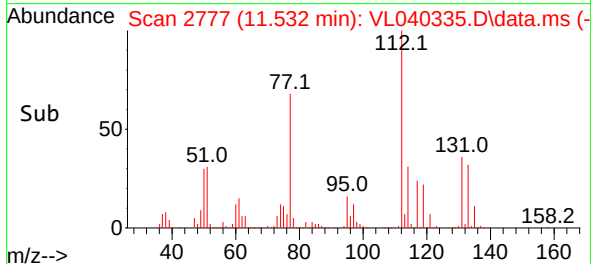
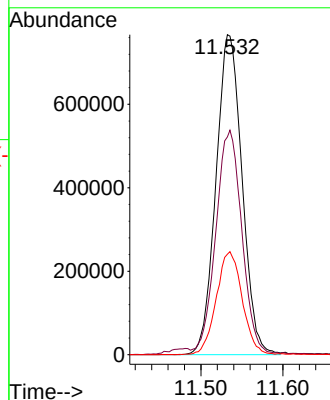
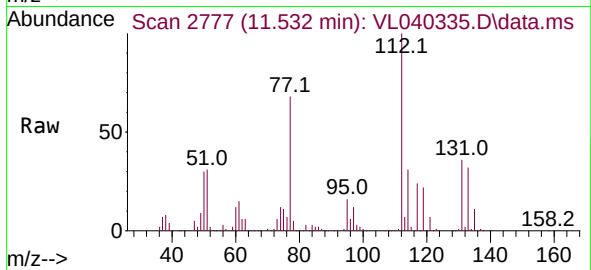




#57
Chlorobenzene
Concen: 9.440 ppbv
RT: 11.532 min Scan# 21
Delta R.T. -0.004 min
Lab File: VL040335.D
Acq: 12 Apr 2023 10:05

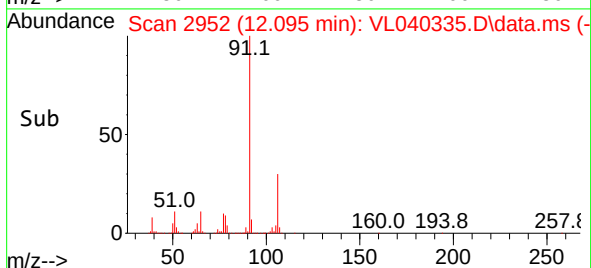
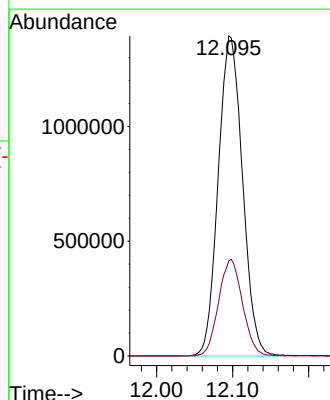
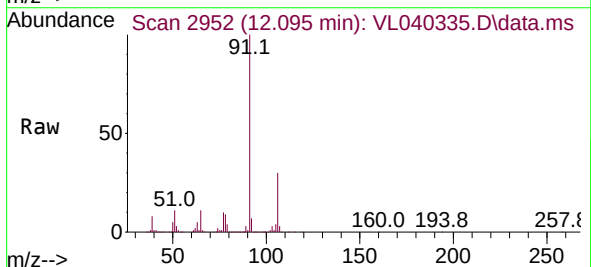
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

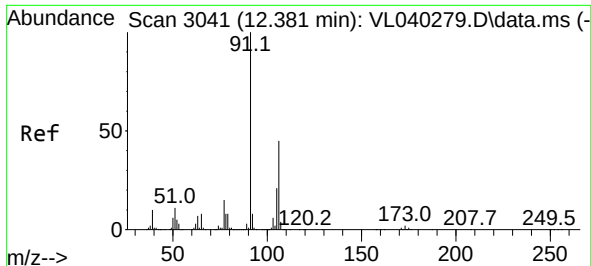
Tgt Ion:112 Resp: 1697530
Ion Ratio Lower Upper
112 100
77 67.7 56.2 84.2
114 31.3 29.0 35.4



#58
Ethyl Benzene
Concen: 10.714 ppbv
RT: 12.095 min Scan# 2952
Delta R.T. -0.003 min
Lab File: VL040335.D
Acq: 12 Apr 2023 10:05

Tgt Ion: 91 Resp: 3084166
Ion Ratio Lower Upper
91 100
106 29.7 23.4 35.2





#59

m/p-Xylene

Concen: 10.339 ppbv

RT: 12.381 min Scan# 3041

Delta R.T. 0.000 min

Lab File: VL040335.D

Acq: 12 Apr 2023 10:05

Instrument :

MSVOA_L

ClientSampleId :

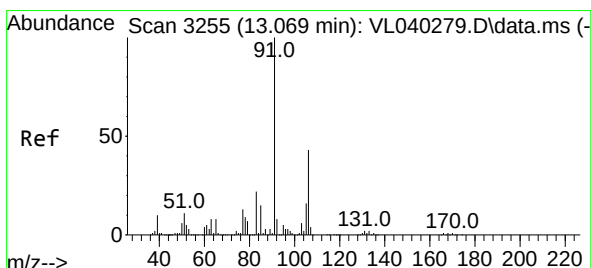
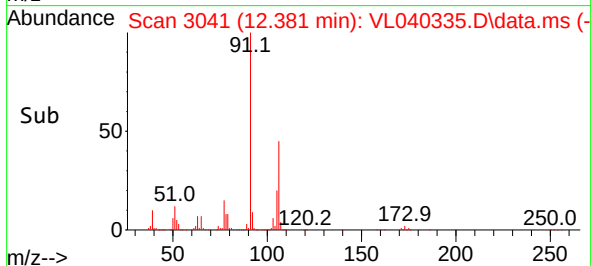
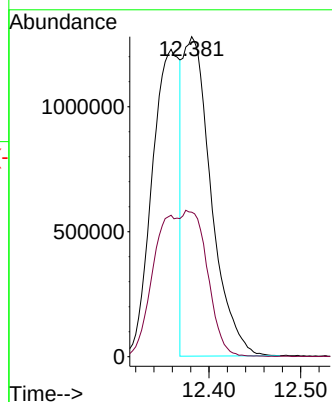
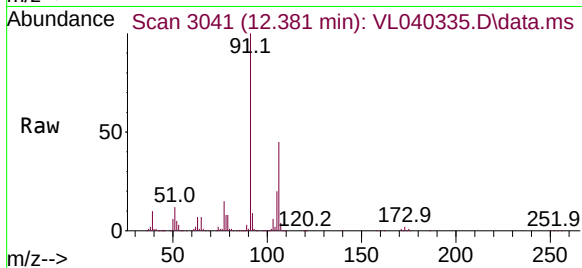
VSTDCCC010

Tgt Ion: 91 Resp: 2726338

Ion Ratio Lower Upper

91 100

106 84.1 34.0 51.0#



#60

o-Xylene

Concen: 10.066 ppbv

RT: 13.066 min Scan# 3254

Delta R.T. -0.003 min

Lab File: VL040335.D

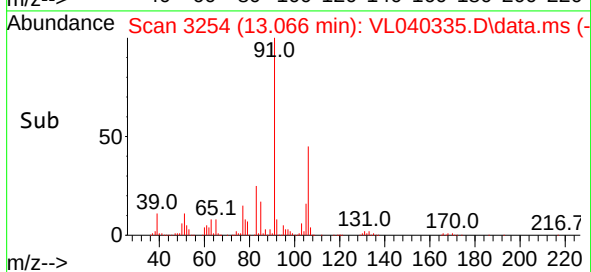
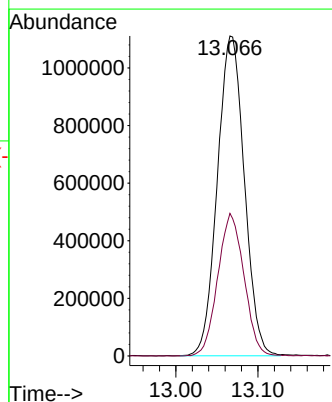
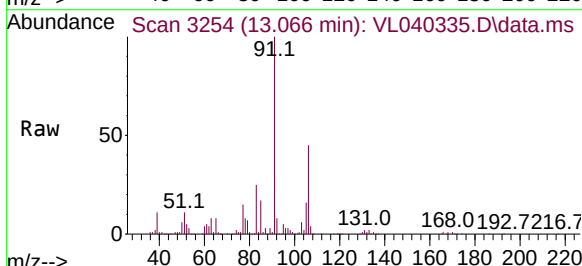
Acq: 12 Apr 2023 10:05

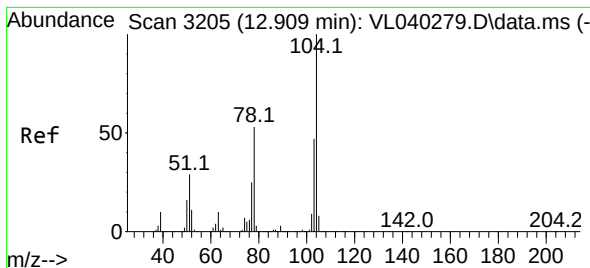
Tgt Ion: 91 Resp: 2537580

Ion Ratio Lower Upper

91 100

106 43.3 21.7 65.1





#61

Styrene

Concen: 11.150 ppbv

RT: 12.905 min Scan# 31

Delta R.T. -0.004 min

Lab File: VL040335.D

Acq: 12 Apr 2023 10:05

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

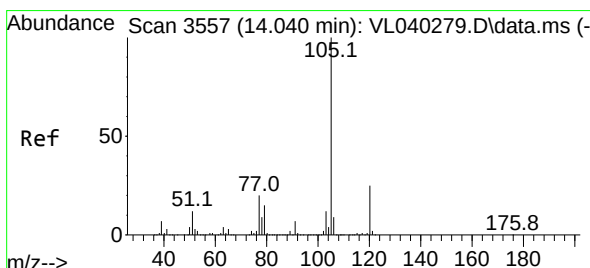
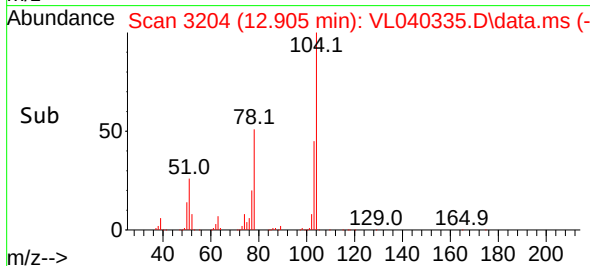
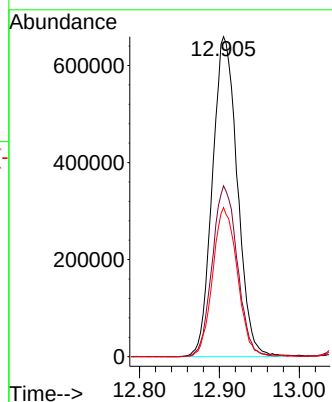
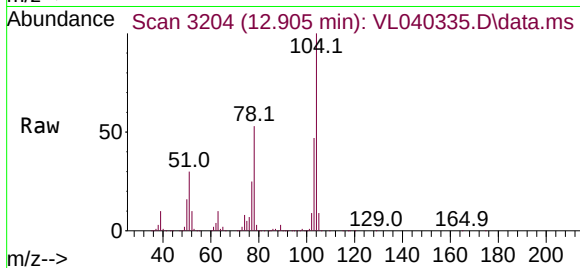
Tgt Ion:104 Resp: 1426301

Ion Ratio Lower Upper

104 100

78 54.0 43.7 65.5

103 46.4 37.4 56.2



#62

Isopropylbenzene

Concen: 9.887 ppbv

RT: 14.037 min Scan# 3556

Delta R.T. -0.003 min

Lab File: VL040335.D

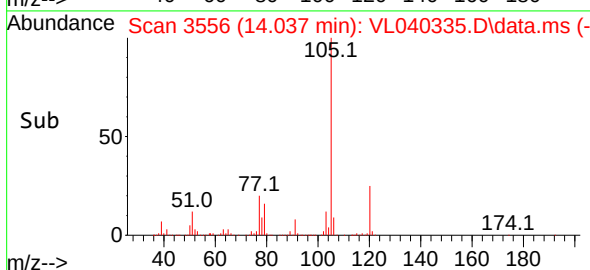
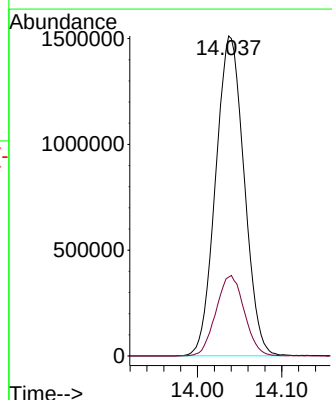
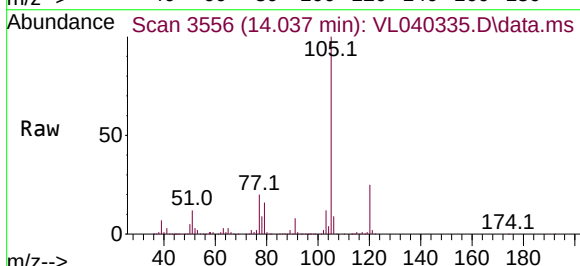
Acq: 12 Apr 2023 10:05

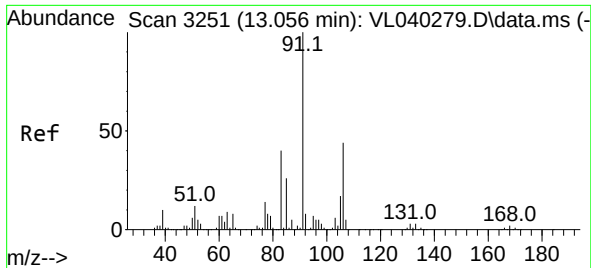
Tgt Ion:105 Resp: 3549411

Ion Ratio Lower Upper

105 100

120 25.0 19.9 29.9

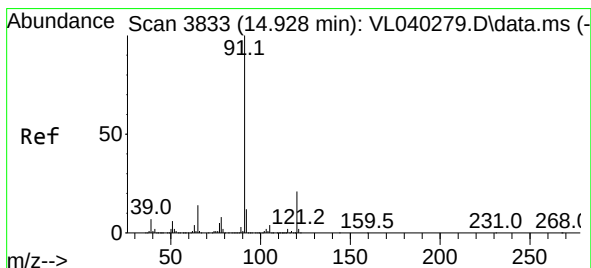
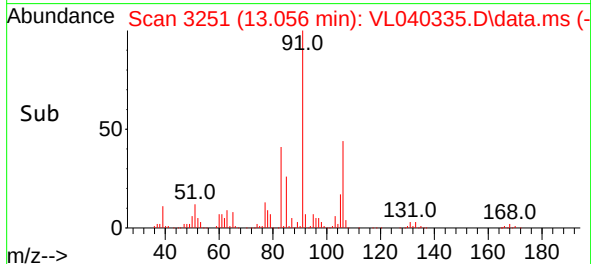
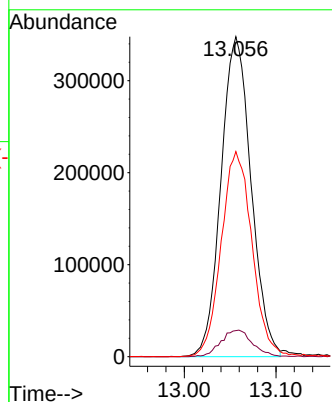
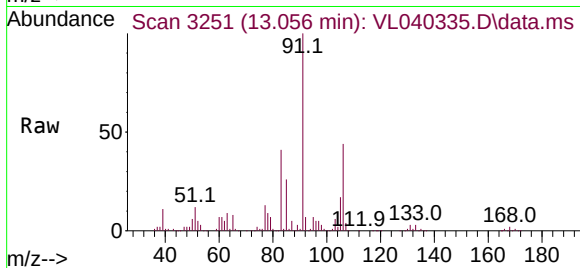




#63
1,1,2,2-Tetrachloroethane
Concen: 8.939 ppbv
RT: 13.056 min Scan# 31
Delta R.T. 0.000 min
Lab File: VL040335.D
Acq: 12 Apr 2023 10:05

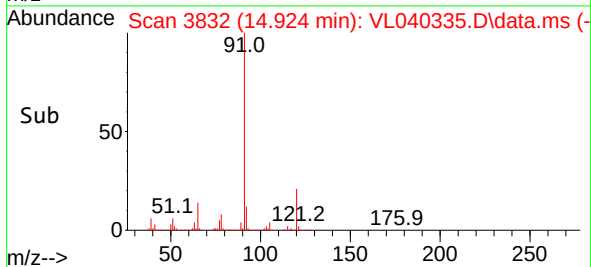
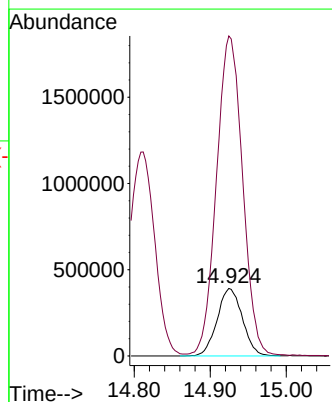
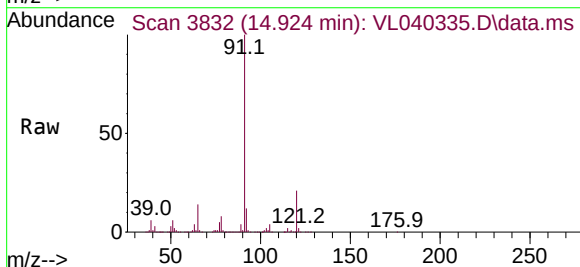
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

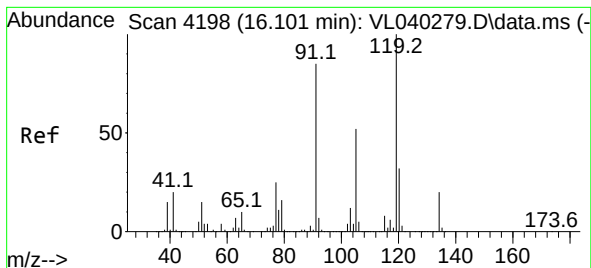
Tgt Ion: 83 Resp: 792946
Ion Ratio Lower Upper
83 100
131 8.8 4.3 12.9
85 66.2 32.7 98.1



#64
n-propylbenzene
Concen: 10.273 ppbv
RT: 14.924 min Scan# 3832
Delta R.T. -0.004 min
Lab File: VL040335.D
Acq: 12 Apr 2023 10:05

Tgt Ion: 120 Resp: 902428
Ion Ratio Lower Upper
120 100
91 492.3 399.0 598.6

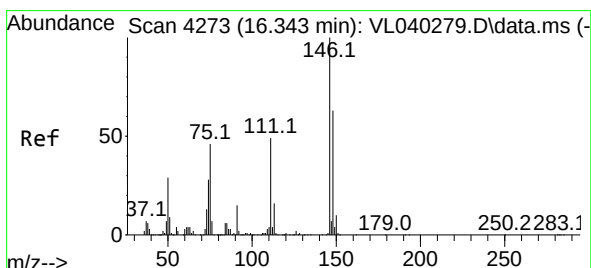
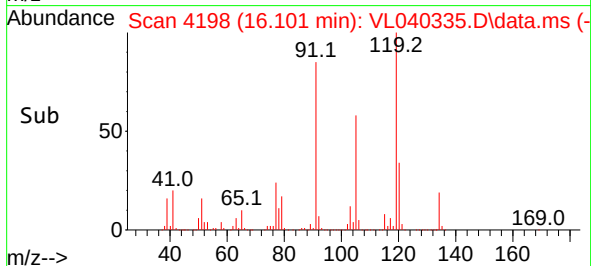
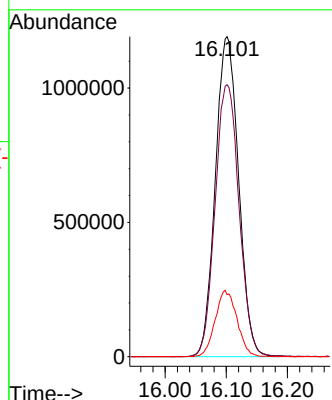
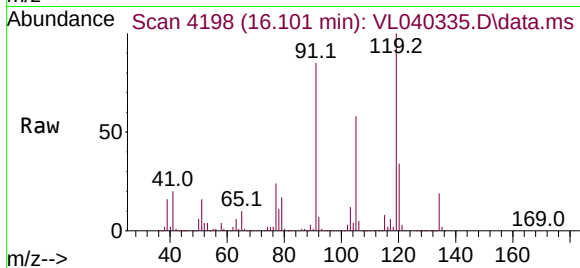




#65
tert-Butylbenzene
Concen: 10.184 ppbv
RT: 16.101 min Scan# 4198
Delta R.T. 0.000 min
Lab File: VL040335.D
Acq: 12 Apr 2023 10:05

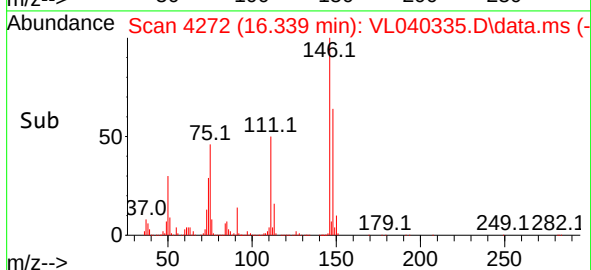
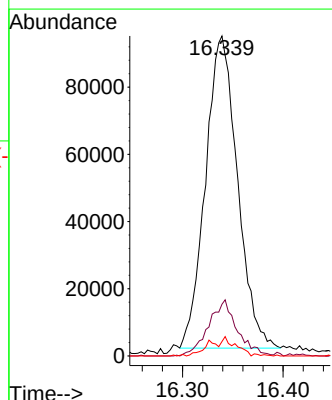
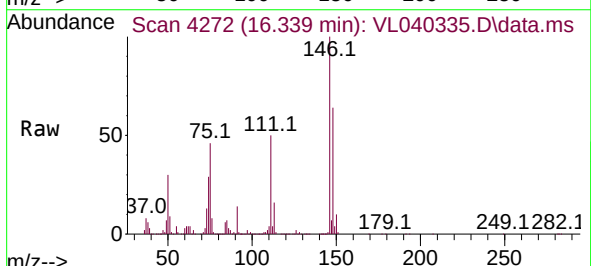
Instrument :
MSVOA_1
ClientSampleId :
VSTDCCC010

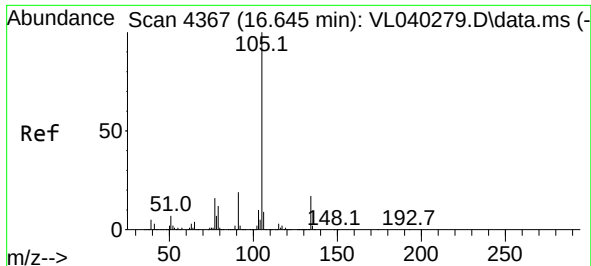
Tgt Ion:119 Resp: 3150580
Ion Ratio Lower Upper
119 100
91 87.8 69.4 104.2
134 19.5 15.8 23.6



#66
Benzyl Chloride
Concen: 10.209 ppbv
RT: 16.339 min Scan# 4272
Delta R.T. -0.004 min
Lab File: VL040335.D
Acq: 12 Apr 2023 10:05

Tgt Ion: 91 Resp: 205244
Ion Ratio Lower Upper
91 100
126 16.6 12.1 18.1
128 5.1 3.8 5.6





#67

sec-Butylbenzene

Concen: 10.324 ppbv

RT: 16.648 min Scan# 41

Delta R.T. 0.003 min

Lab File: VL040335.D

Acq: 12 Apr 2023 10:05

Instrument :

MSVOA_1

ClientSampleId :

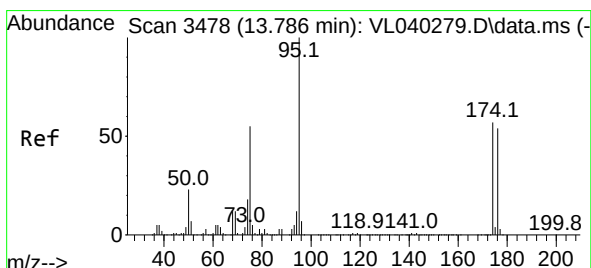
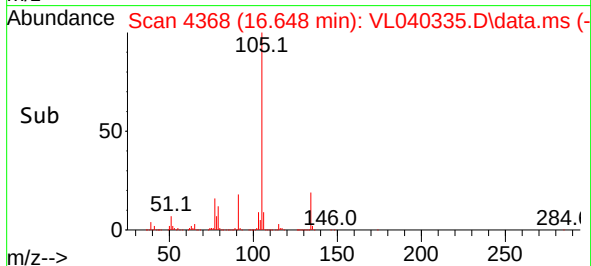
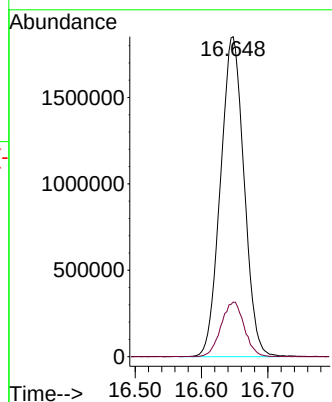
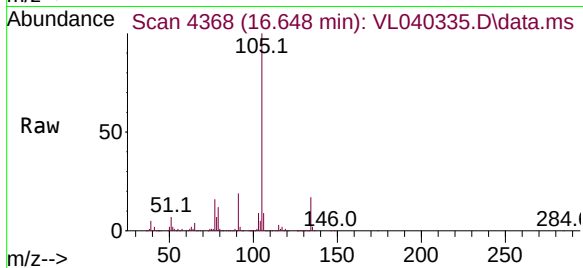
VSTDCCC010

Tgt Ion:105 Resp: 4567390

Ion Ratio Lower Upper

105 100

134 16.9 14.0 21.0



#68

1-Bromo-4-Fluorobenzene

Concen: 9.792 ppbv

RT: 13.786 min Scan# 3478

Delta R.T. 0.000 min

Lab File: VL040335.D

Acq: 12 Apr 2023 10:05

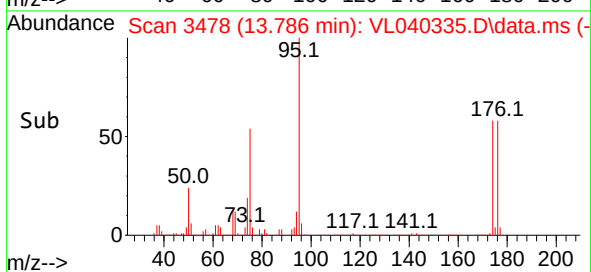
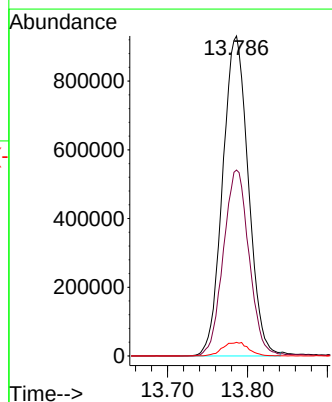
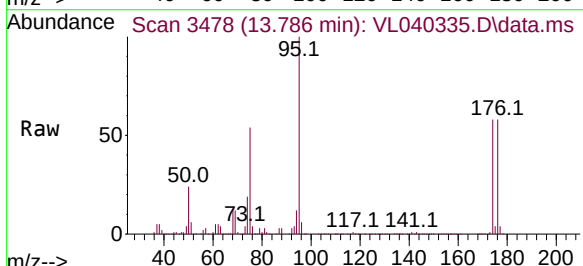
Tgt Ion: 95 Resp: 2073115

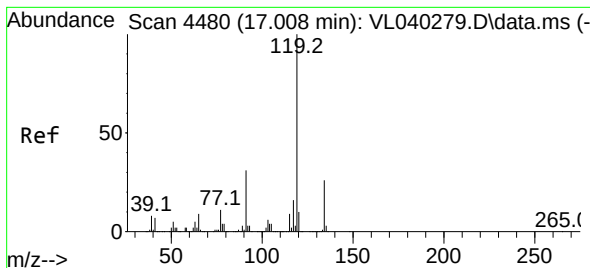
Ion Ratio Lower Upper

95 100

174 59.0 47.0 70.6

175 4.4 3.4 5.2

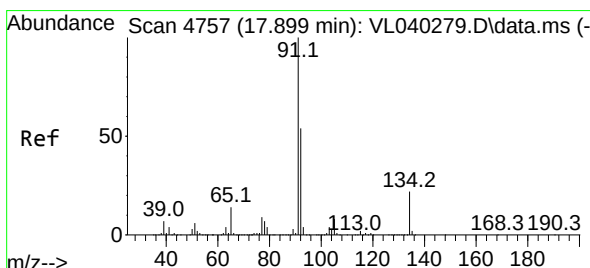
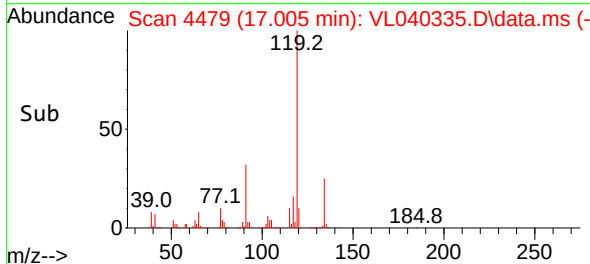
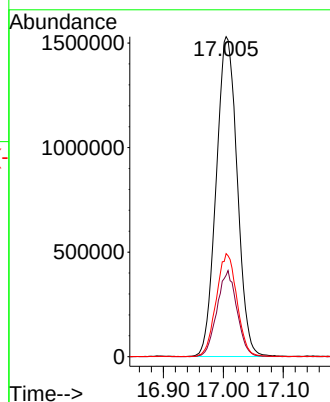
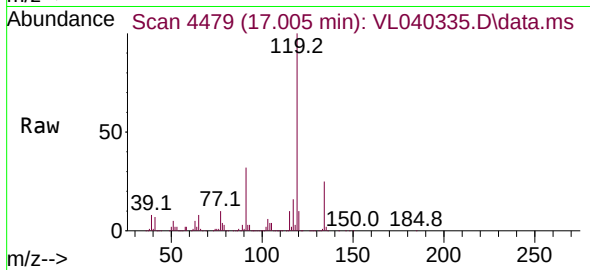




#69
p-Isopropyltoluene
Concen: 10.771 ppbv
RT: 17.005 min Scan# 4480
Delta R.T. -0.003 min
Lab File: VL040335.D
Acq: 12 Apr 2023 10:05

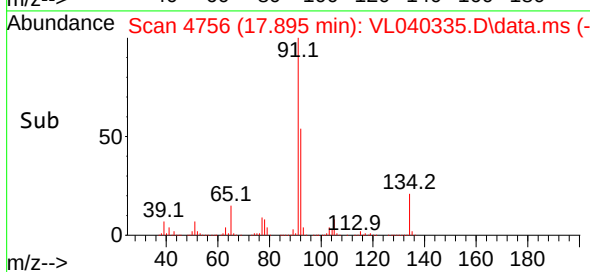
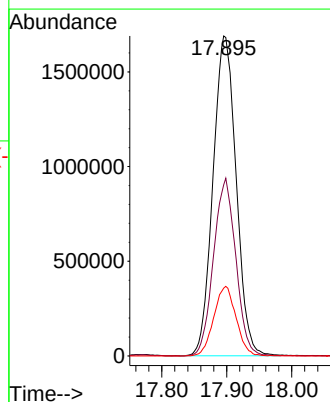
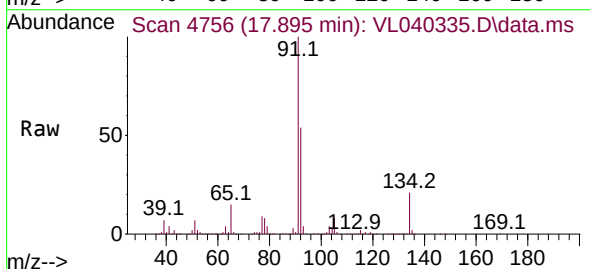
Instrument :
MSVOA_1
ClientSampleId :
VSTDCCC010

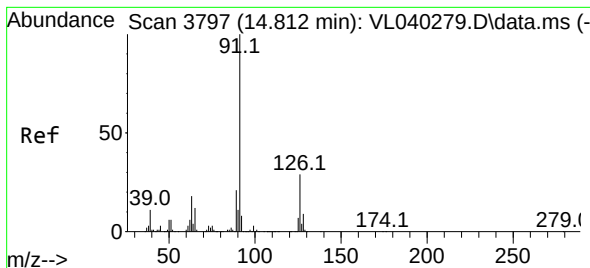
Tgt Ion:119 Resp: 3711138
Ion Ratio Lower Upper
119 100
134 25.6 20.2 30.2
91 31.9 25.1 37.7



#70
n-Butylbenzene
Concen: 11.008 ppbv
RT: 17.895 min Scan# 4756
Delta R.T. -0.004 min
Lab File: VL040335.D
Acq: 12 Apr 2023 10:05

Tgt Ion: 91 Resp: 4178539
Ion Ratio Lower Upper
91 100
92 53.5 42.9 64.3
134 21.0 16.8 25.2

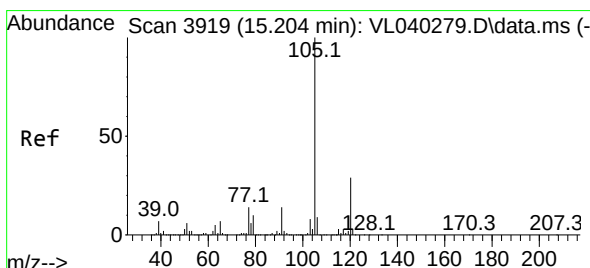
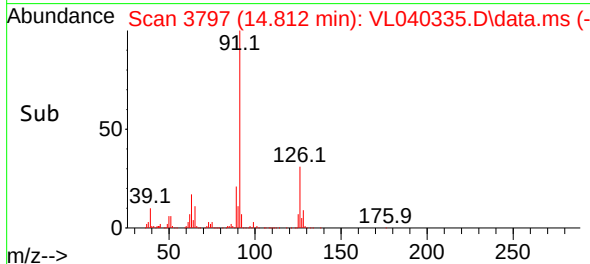
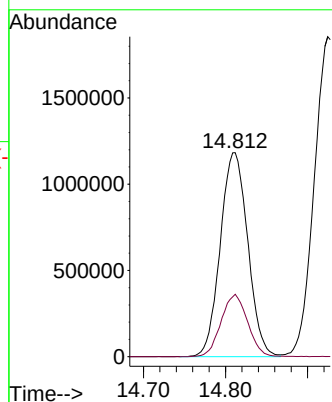
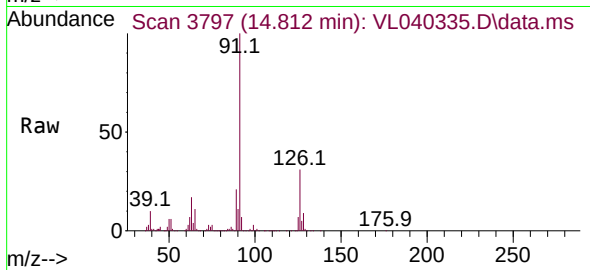




#71
2-Chlorotoluene
Concen: 10.098 ppbv
RT: 14.812 min Scan# 31
Delta R.T. -0.000 min
Lab File: VL040335.D
Acq: 12 Apr 2023 10:05

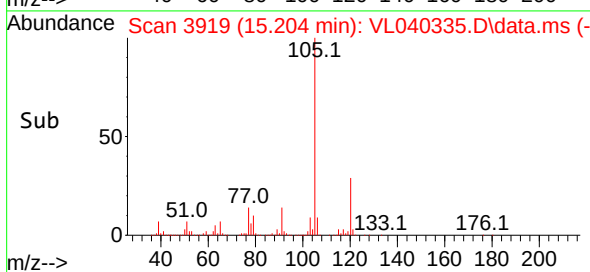
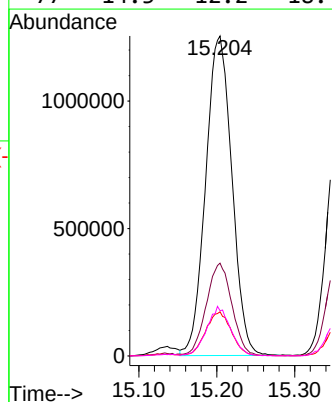
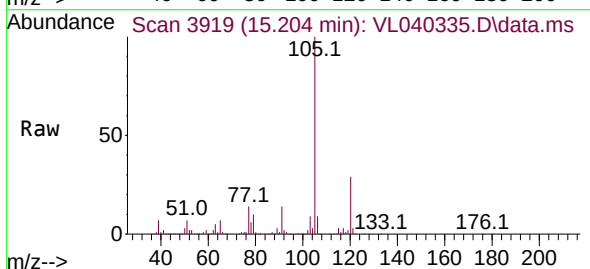
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

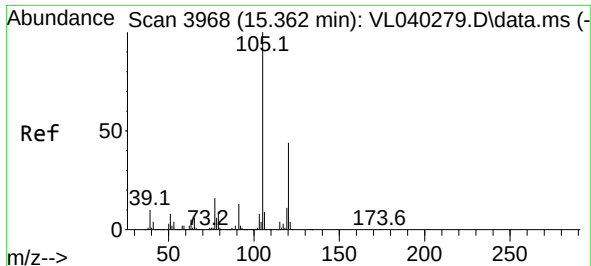
Tgt Ion: 91 Resp: 2759129
Ion Ratio Lower Upper
91 100
126 29.5 11.8 47.4



#72
4-Ethyltoluene
Concen: 10.641 ppbv
RT: 15.204 min Scan# 3919
Delta R.T. 0.000 min
Lab File: VL040335.D
Acq: 12 Apr 2023 10:05

Tgt Ion:105 Resp: 2932711
Ion Ratio Lower Upper
105 100
120 28.5 23.7 35.5
91 13.5 11.6 17.4
77 14.3 12.2 18.4

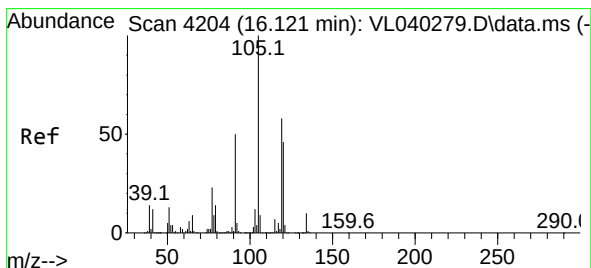
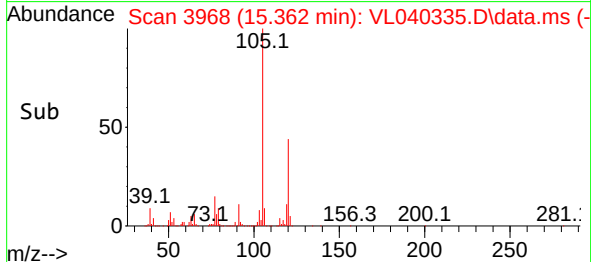
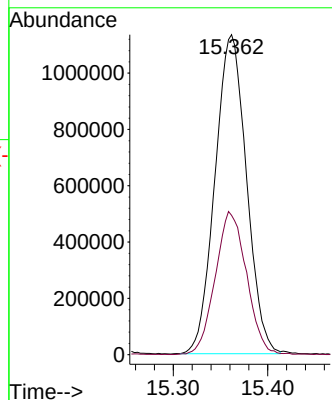
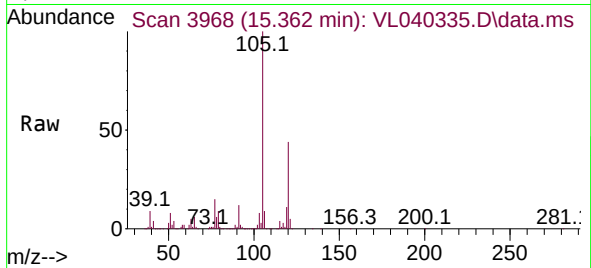




#73
 1,3,5-Trimethylbenzene
 Concen: 10.492 ppbv
 RT: 15.362 min Scan# 3968
 Delta R.T. -0.000 min
 Lab File: VL040335.D
 Acq: 12 Apr 2023 10:05

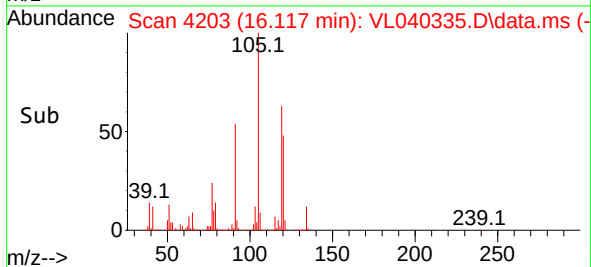
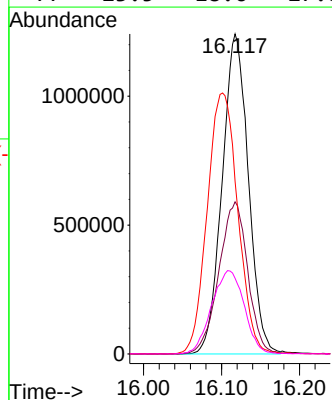
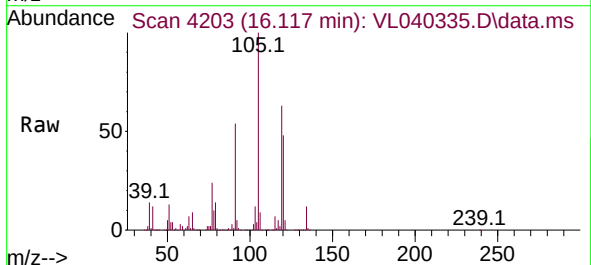
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

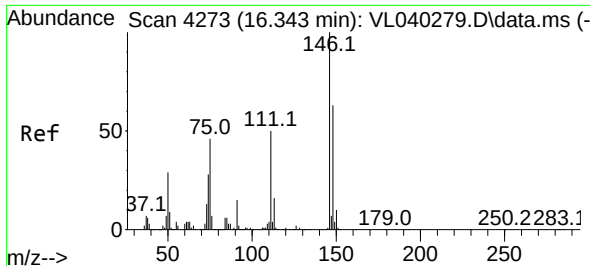
Tgt Ion:105 Resp: 2619274
 Ion Ratio Lower Upper
 105 100
 120 43.5 34.9 52.3



#74
 1,2,4-Trimethylbenzene
 Concen: 10.174 ppbv
 RT: 16.117 min Scan# 4203
 Delta R.T. -0.004 min
 Lab File: VL040335.D
 Acq: 12 Apr 2023 10:05

Tgt Ion:105 Resp: 2896654
 Ion Ratio Lower Upper
 105 100
 120 47.5 36.6 54.8
 91 53.7 39.9 59.9
 77 23.5 18.6 27.8

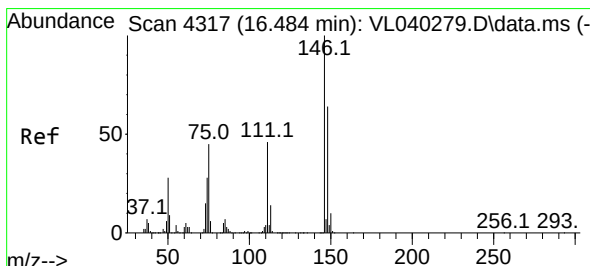
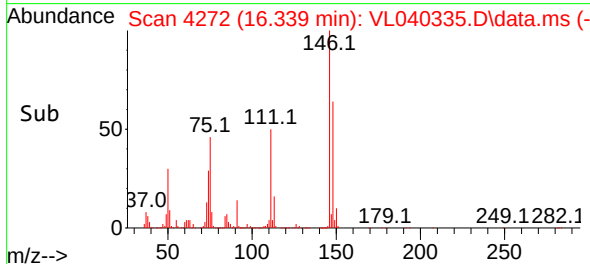
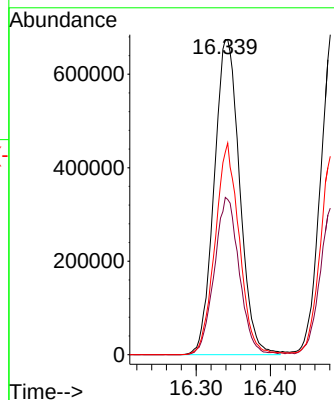
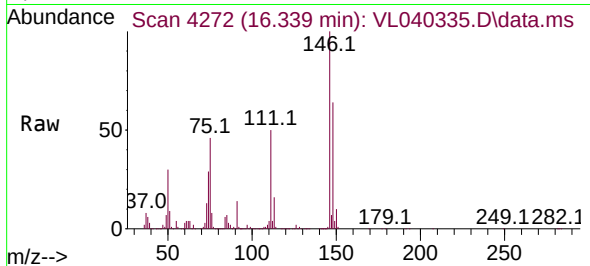




#75
1,3-Dichlorobenzene
Concen: 10.443 ppbv
RT: 16.339 min Scan# 41
Delta R.T. -0.004 min
Lab File: VL040335.D
Acq: 12 Apr 2023 10:05

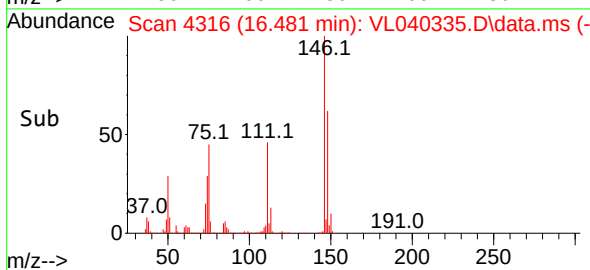
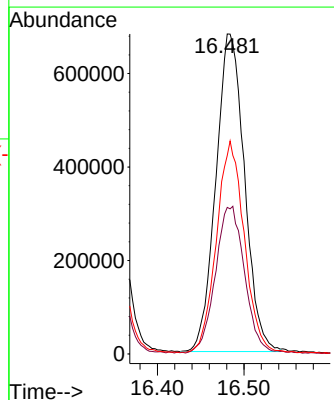
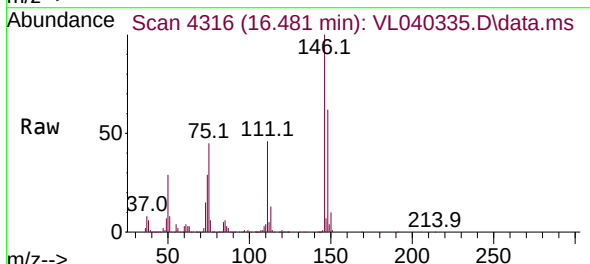
Instrument :
MSVOA_1
ClientSampleId :
VSTDCCC010

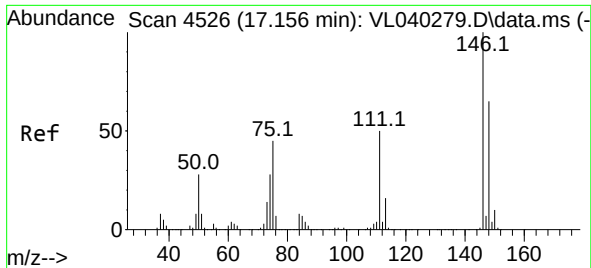
Tgt Ion:146 Resp: 1610382
Ion Ratio Lower Upper
146 100
111 49.0 24.3 73.0
148 63.6 31.9 95.5



#76
1,4-Dichlorobenzene
Concen: 10.615 ppbv
RT: 16.481 min Scan# 4316
Delta R.T. -0.003 min
Lab File: VL040335.D
Acq: 12 Apr 2023 10:05

Tgt Ion:146 Resp: 1561136
Ion Ratio Lower Upper
146 100
111 48.0 23.8 71.2
148 66.2 32.5 97.5

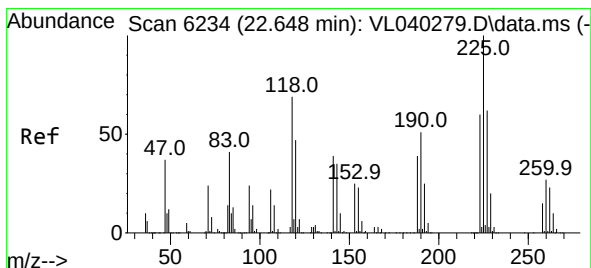
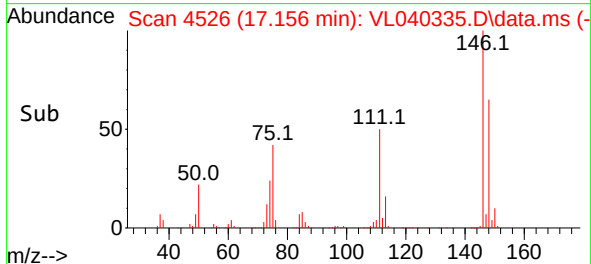
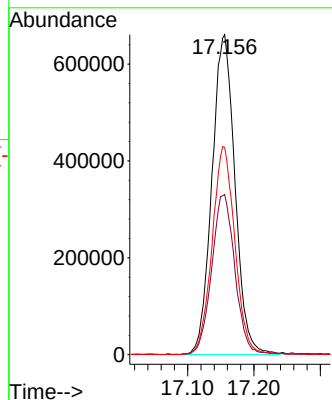
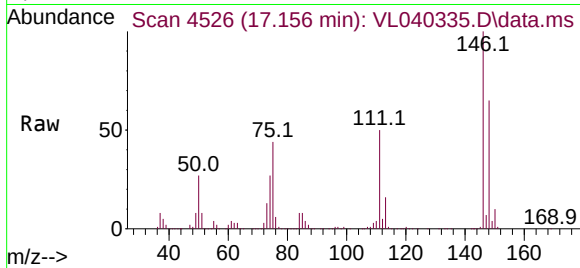




#77
1,2-Dichlorobenzene
Concen: 10.731 ppbv
RT: 17.156 min Scan# 41
Delta R.T. -0.000 min
Lab File: VL040335.D
Acq: 12 Apr 2023 10:05

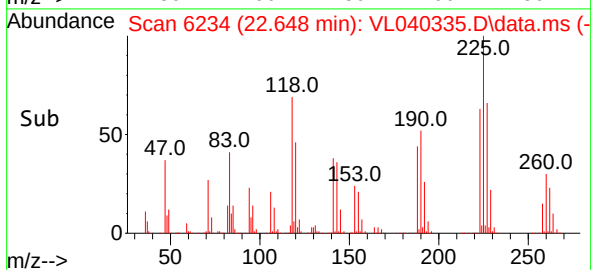
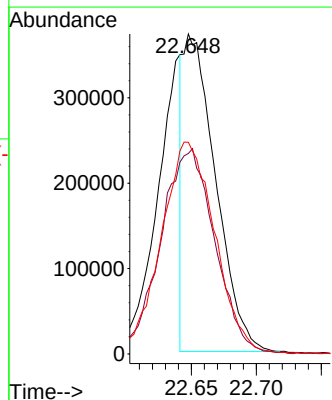
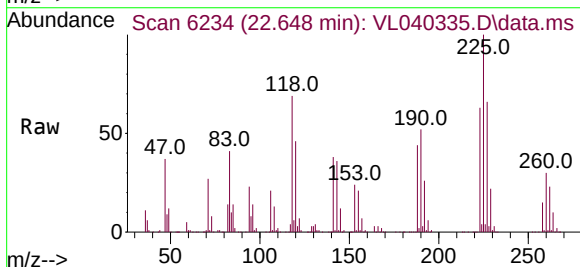
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

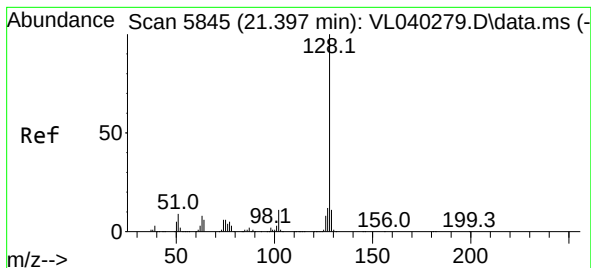
Tgt Ion:146 Resp: 1590486
Ion Ratio Lower Upper
146 100
111 50.5 25.2 75.6
148 64.7 32.1 96.3



#78
Hexachloro-1,3-Butadiene
Concen: 5.893 ppbv
RT: 22.648 min Scan# 6234
Delta R.T. -0.000 min
Lab File: VL040335.D
Acq: 12 Apr 2023 10:05

Tgt Ion:225 Resp: 640577
Ion Ratio Lower Upper
225 100
223 109.8 51.0 76.6#
227 112.4 51.4 77.2#





#79

Naphthalene

Concen: 13.622 ppbv

RT: 21.394 min Scan# 5844

Delta R.T. -0.003 min

Lab File: VL040335.D

Acq: 12 Apr 2023 10:05

Instrument :

MSVOA_1

ClientSampleId :

VSTDCCC010

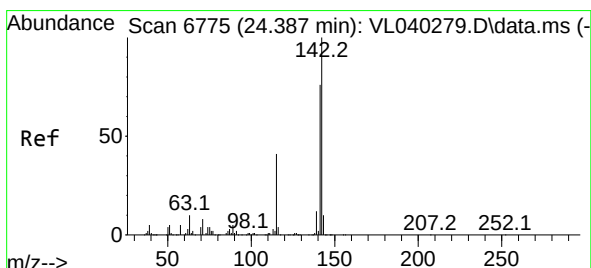
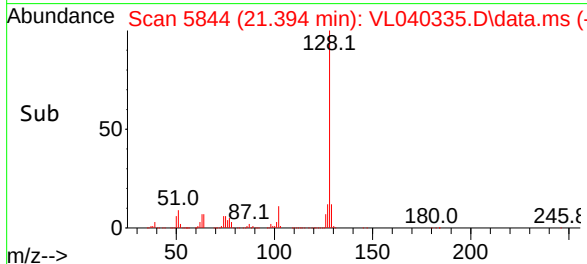
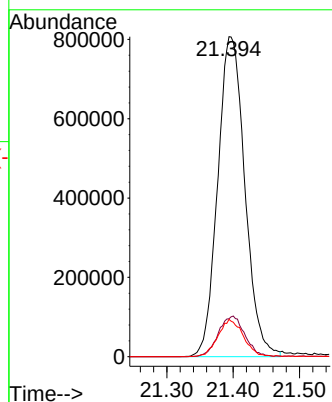
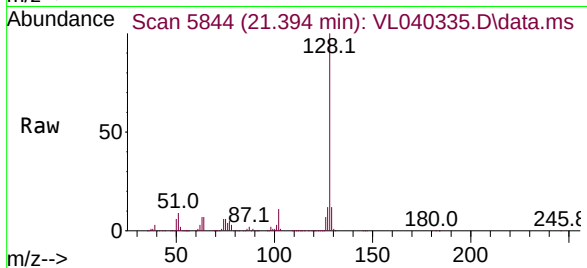
Tgt Ion:128 Resp: 2294227

Ion Ratio Lower Upper

128 100

127 11.8 9.6 14.4

129 11.7 8.6 13.0



#80

Naphthalene,2-methyl-

Concen: 8.694 ppbv

RT: 24.384 min Scan# 6774

Delta R.T. -0.003 min

Lab File: VL040335.D

Acq: 12 Apr 2023 10:05

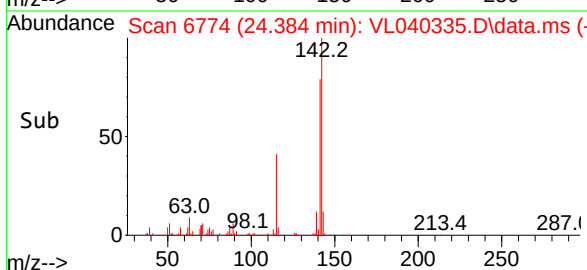
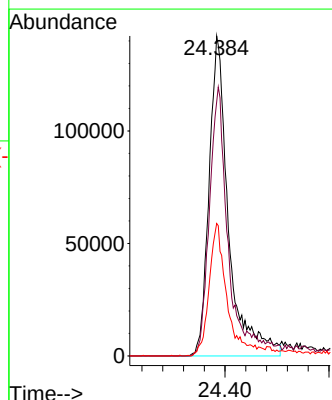
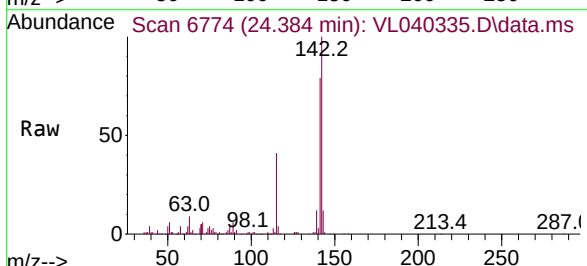
Tgt Ion:142 Resp: 370842

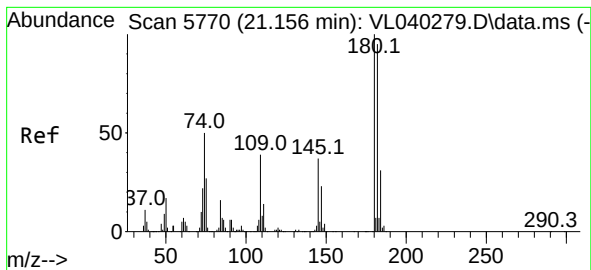
Ion Ratio Lower Upper

142 100

141 85.8 65.5 98.3

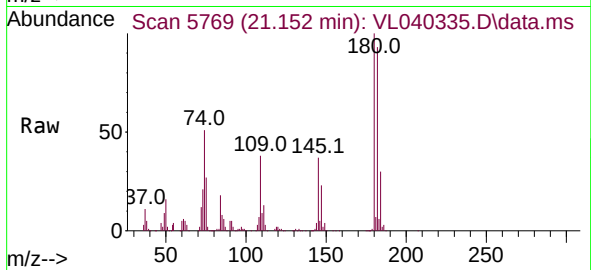
115 40.1 33.5 50.3





#81
 1,2,4-Trichlorobenzene
 Concen: 11.742 ppbv
 RT: 21.152 min Scan# 51
 Delta R.T. -0.004 min
 Lab File: VL040335.D
 Acq: 12 Apr 2023 10:05

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



Tgt Ion:180 Resp: 1218076

Ion	Ratio	Lower	Upper
180	100		
182	96.0	76.1	114.1
184	31.1	24.4	36.6

