

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL041023\
 Data File : VL040318.D
 Acq On : 10 Apr 2023 10:15
 Operator : SY/MD
 Sample : VSTDC0010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDC0010

Quant Time: Apr 11 02:05:48 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	5.156	49	1046136	10.000	ppbv	-0.03
33) 1,4-Difluorobenzene	6.619	114	2712693	10.000	ppbv	-0.04
55) Chlorobenzene-d5	11.433	117	2696163	10.000	ppbv	-0.05

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.741	95	2156717	9.552	ppbv	-0.04
Spiked Amount	10.000	Range	65 - 135	Recovery	=	95.500%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.693	85	1515062	7.381	ppbv	99
3) Chlorodifluoromethane	2.639	51	1142854	8.688	ppbv	100
4) Chloromethane	2.777	50	775108	9.542	ppbv	100
5) Vinyl Chloride	2.883	62	658861	10.017	ppbv	98
6) Bromomethane	3.083	94	212029	9.296	ppbv	99
7) Chloroethane	3.163	64	239655	9.491	ppbv	94
8) Dichlorotetrafluoroethane	2.822	85	1619535	9.218	ppbv	98
9) Propene	2.658	41	507376	10.068	ppbv	96
10) Heptane	7.545	43	1263192	10.421	ppbv	99
11) Trichlorofluoromethane	3.526	101	1658702	8.919	ppbv	99
12) 1,1,2-Trichlorotrifluo...	4.031	101	1248647	8.940	ppbv	97
13) Ethanol	3.211	45	25458	6.888	ppbv	89
14) Bromoethene	3.330	108	506488	9.722	ppbv	98
15) Acetone	3.430	43	1128959	8.864	ppbv	98
16) 1,3-Butadiene	2.947	39	593972	10.260	ppbv	100
17) tert-Butyl alcohol	3.838	59	1273158	10.518	ppbv	100
18) 1,1-Dichloroethene	3.845	96	565053	9.431	ppbv	98
19) Isopropyl Alcohol	3.539	45	609554	9.991	ppbv #	97
20) Methylene Chloride	3.896	84	458794	8.563	ppbv	96
21) Allyl Chloride	3.960	41	823240	9.979	ppbv	98
22) trans-1,2-Dichloroethene	4.407	96	578844	9.492	ppbv	98
23) Vinyl Acetate	4.591	43	369162	10.419	ppbv #	95
24) 1,1-Dichloroethane	4.526	63	1175998	9.305	ppbv	97
25) Ethyl Acetate	5.166	43	2310105	9.688	ppbv	99
26) Hexane	5.179	57	1007490	10.294	ppbv	94
27) Carbon Disulfide	4.089	76	1411444	10.325	ppbv	99
28) Methyl tert-Butyl Ether	4.549	73	1084320	9.649	ppbv	100
29) Chloroform	5.237	83	1685494	9.752	ppbv	100
30) Cyclohexane	6.568	84	843029	10.931	ppbv	99
31) cis-1,2-Dichloroethene	5.044	61	936677	9.827	ppbv	95
32) 1,1,1-Trichloroethane	5.970	97	1700677	10.271	ppbv	99
34) 2-Butanone	4.748	43	1280599	9.565	ppbv	100
35) Carbon Tetrachloride	6.459	117	1752151	10.293	ppbv	97
36) Benzene	6.336	78	2120793	10.259	ppbv	99
37) 1,2-Dichloroethane	5.771	62	1285005	9.550	ppbv	98
38) Trichloroethene	7.256	130	1258887	11.144	ppbv	99
39) 1,2-Dichloropropane	7.037	63	804195	9.915	ppbv	98
40) 1,4-Dioxane	7.250	88	152323	4.747	ppbv #	1
41) Tetrahydrofuran	5.520	42	785587	10.167	ppbv	98
42) Bromodichloromethane	7.214	83	1823927	9.920	ppbv	96
43) Methyl Methacrylate	7.439	69	825735	10.748	ppbv	98
44) 2,2,4-Trimethylpentane	7.291	57	3514895	10.198	ppbv	99
45) t-1,3-Dichloropropene	8.674	75	780613	11.656	ppbv	97

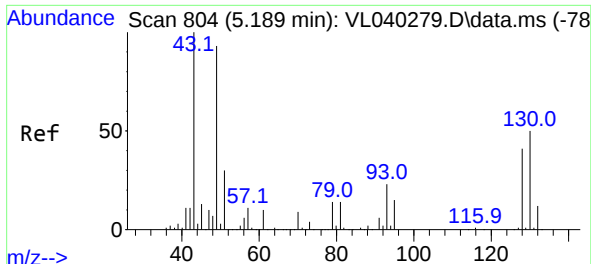
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL041023\
 Data File : VL040318.D
 Acq On : 10 Apr 2023 10:15
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Quant Time: Apr 11 02:05:48 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)
46) cis-1,3-Dichloropropene	8.108	75	1074724	11.301	ppbv	96
47) 1,1,2-Trichloroethane	8.864	97	867294	10.022	ppbv	98
48) Dibromochloromethane	9.677	129	1438856	10.103	ppbv	100
49) Bromoform	12.378	173	1073994	10.041	ppbv	100
50) 4-Methyl-2-Pentanone	8.147	43	2084092	10.059	ppbv	99
51) 2-Hexanone	9.516	43	1575842	9.818	ppbv #	98
52) Tetrachloroethene	10.581	164	693292	11.085	ppbv	97
53) Toluene	9.185	91	2359028	10.889	ppbv	99
54) 1,2-Dibromoethane	9.973	107	916454	10.288	ppbv	96
56) 1,1,1,2-Tetrachloroethane	11.474	131	1037569	9.148	ppbv	97
57) Chlorobenzene	11.494	112	1771527	9.237	ppbv	97
58) Ethyl Benzene	12.056	91	3132936	10.205	ppbv	97
59) m/p-Xylene	12.339	91	2514050	8.939	ppbv #	21
60) o-Xylene	13.024	91	2553422	9.498	ppbv	99
61) Styrene	12.864	104	1459995	10.702	ppbv	98
62) Isopropylbenzene	13.999	105	3600209	9.404	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.015	83	796947	8.424	ppbv	99
64) n-propylbenzene	14.883	120	911446	9.728	ppbv	98
65) tert-Butylbenzene	16.060	119	3185760	9.656	ppbv	99
66) Benzyl Chloride	16.294	91	212707	9.920	ppbv	98
67) sec-Butylbenzene	16.606	105	4562337	9.669	ppbv	100
69) p-Isopropyltoluene	16.963	119	3749220	10.203	ppbv	99
70) n-Butylbenzene	17.857	91	4163400	10.284	ppbv	100
71) 2-Chlorotoluene	14.767	91	2763002	9.482	ppbv	99
72) 4-Ethyltoluene	15.162	105	2951024	10.040	ppbv	99
73) 1,3,5-Trimethylbenzene	15.320	105	2619284	9.838	ppbv	95
74) 1,2,4-Trimethylbenzene	16.079	105	2909896	9.584	ppbv	98
75) 1,3-Dichlorobenzene	16.297	146	1629737	9.910	ppbv	99
76) 1,4-Dichlorobenzene	16.442	146	1589905	10.137	ppbv	100
77) 1,2-Dichlorobenzene	17.111	146	1625310	10.282	ppbv	99
78) Hexachloro-1,3-Butadiene	22.603	225	589544	5.086	ppbv #	24
79) Naphthalene	21.349	128	2345699	13.059	ppbv	98
80) Naphthalene,2-methyl-	24.352	142	382458	8.407	ppbv	97
81) 1,2,4-Trichlorobenzene	21.108	180	1237120	11.182	ppbv	99

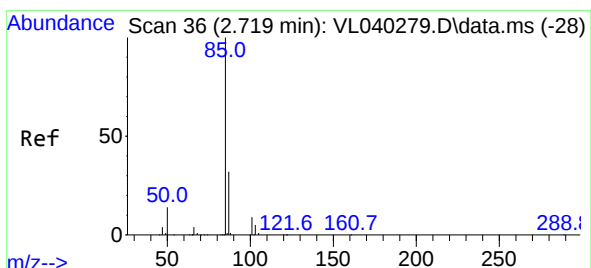
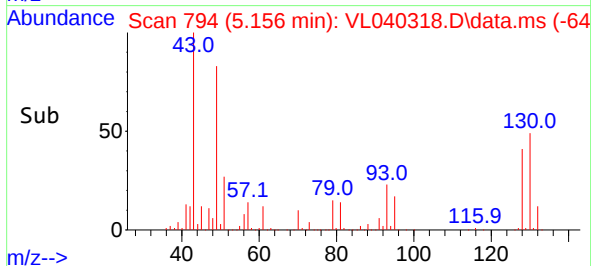
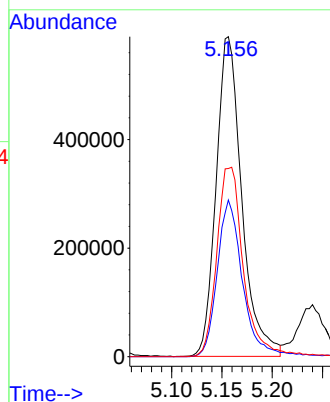
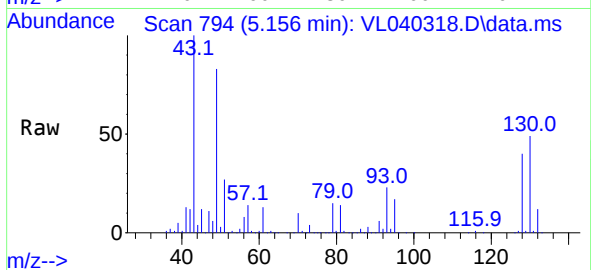
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.156 min Scan# 79
 Delta R.T. -0.033 min
 Lab File: VL040318.D
 Acq: 10 Apr 2023 10:15

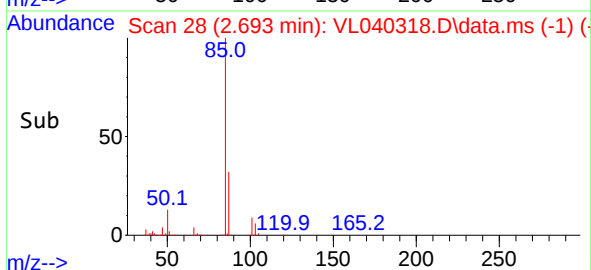
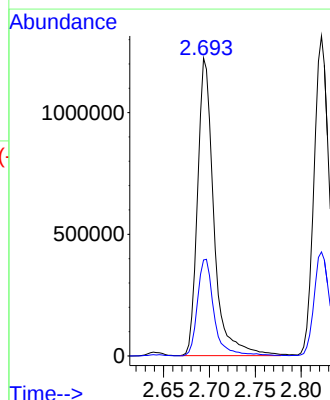
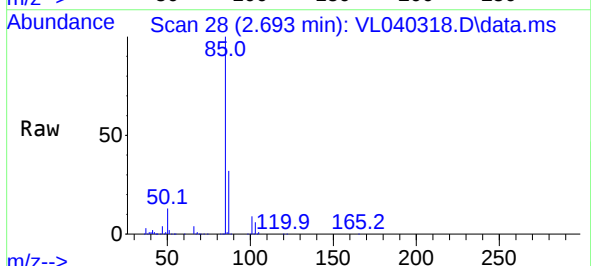
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

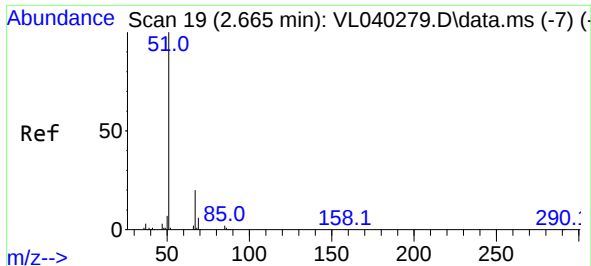
Tgt Ion: 49 Resp: 1046136
 Ion Ratio Lower Upper
 49 100
 128 49.1 22.4 67.3
 130 62.4 28.7 86.1



#2
 Dichlorodifluoromethane
 Concen: 7.381 ppbv
 RT: 2.693 min Scan# 28
 Delta R.T. -0.026 min
 Lab File: VL040318.D
 Acq: 10 Apr 2023 10:15

Tgt Ion: 85 Resp: 1515062
 Ion Ratio Lower Upper
 85 100
 87 32.2 25.5 38.3





#3

Chlorodifluoromethane

Concen: 8.688 ppbv

RT: 2.639 min Scan# 11

Delta R.T. -0.026 min

Lab File: VL040318.D

Acq: 10 Apr 2023 10:15

Instrument :

MSVOA_L

ClientSampleId :

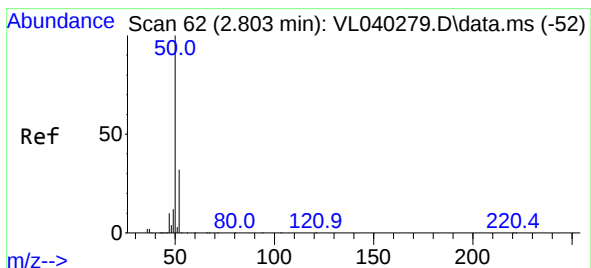
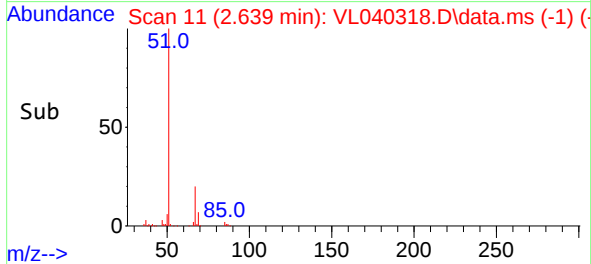
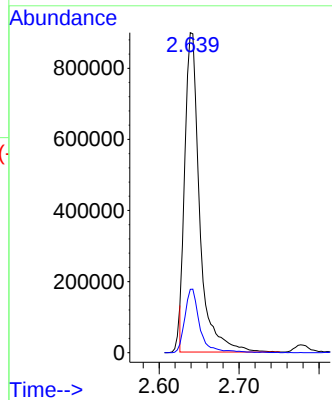
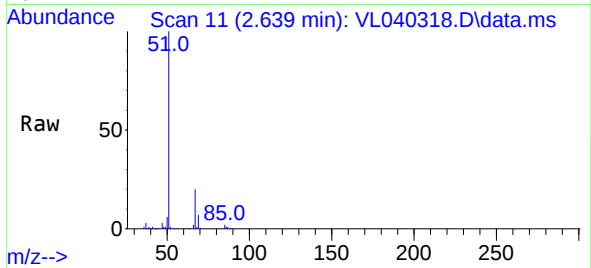
VSTDCCC010

Tgt Ion: 51 Resp: 1142854

Ion Ratio Lower Upper

51 100

67 20.0 16.0 24.0



#4

Chloromethane

Concen: 9.542 ppbv

RT: 2.777 min Scan# 54

Delta R.T. -0.026 min

Lab File: VL040318.D

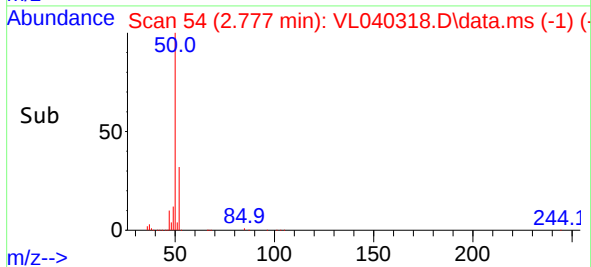
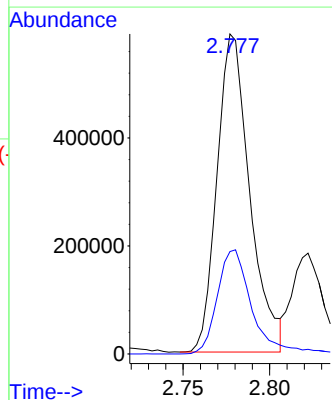
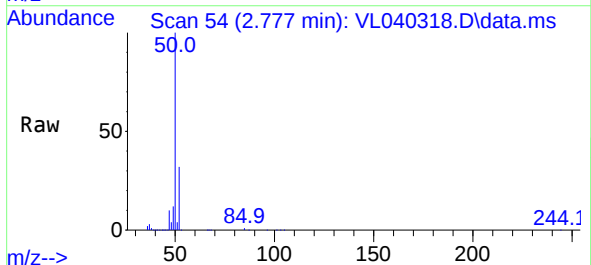
Acq: 10 Apr 2023 10:15

Tgt Ion: 50 Resp: 775108

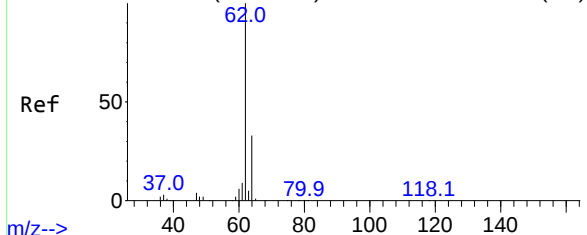
Ion Ratio Lower Upper

50 100

52 32.2 25.9 38.9



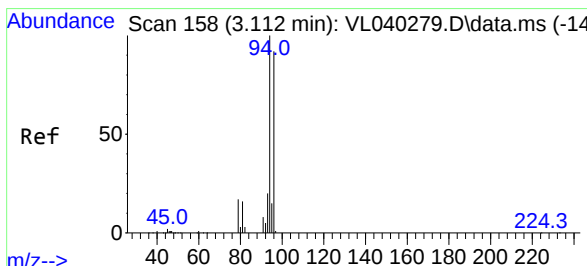
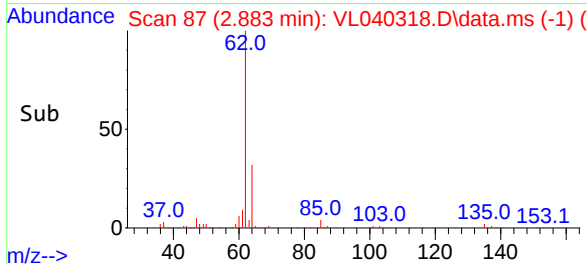
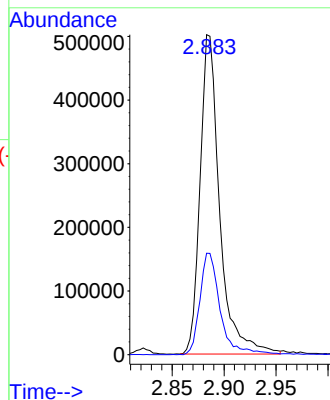
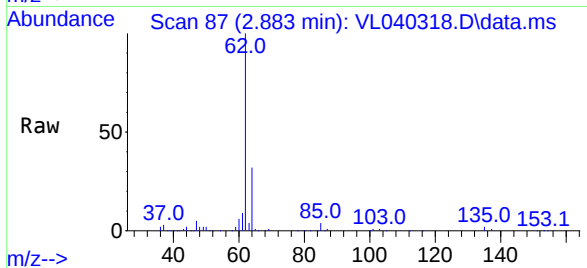
Abundance Scan 96 (2.912 min): VL040279.D\data.ms (-87)



#5
Vinyl Chloride
Concen: 10.017 ppbv
RT: 2.883 min Scan# 81
Delta R.T. -0.029 min
Lab File: VL040318.D
Acq: 10 Apr 2023 10:15

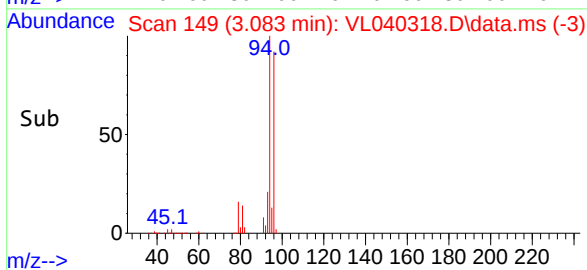
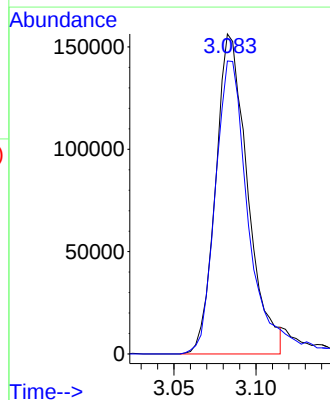
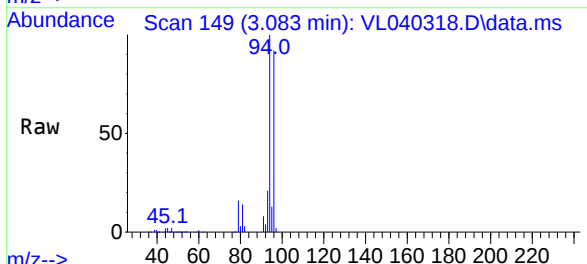
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

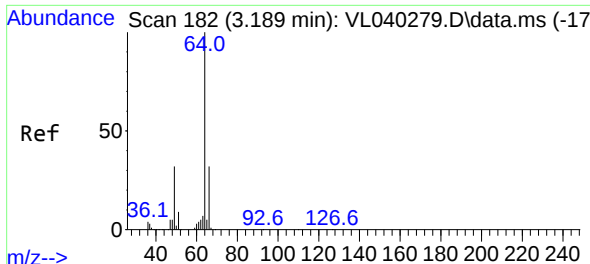
Tgt Ion: 62 Resp: 658861
Ion Ratio Lower Upper
62 100
64 31.7 26.4 39.6



#6
Bromomethane
Concen: 9.296 ppbv
RT: 3.083 min Scan# 149
Delta R.T. -0.029 min
Lab File: VL040318.D
Acq: 10 Apr 2023 10:15

Tgt Ion: 94 Resp: 212029
Ion Ratio Lower Upper
94 100
96 91.6 73.7 110.5

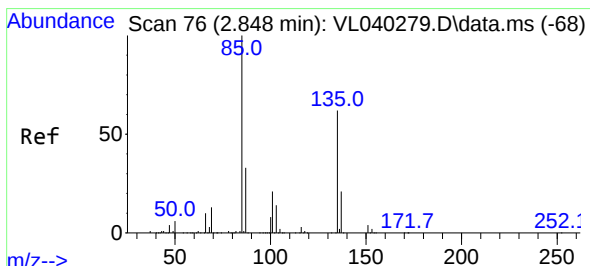
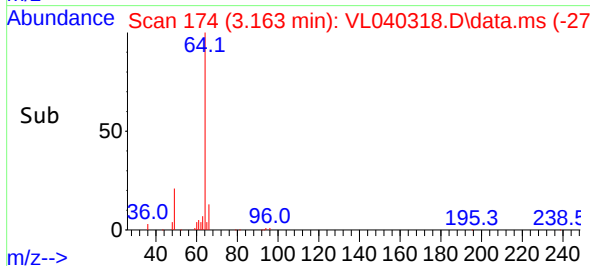
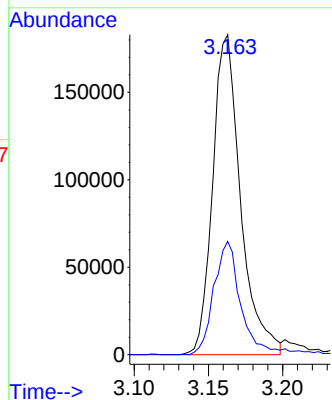
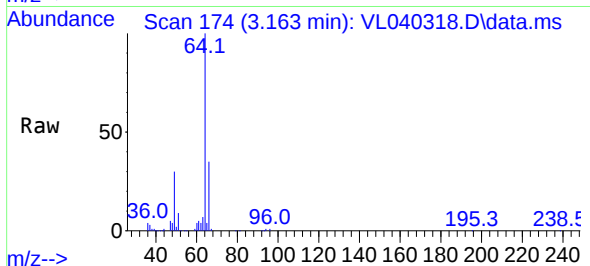




#7
Chloroethane
Concen: 9.491 ppbv
RT: 3.163 min Scan# 11
Delta R.T. -0.026 min
Lab File: VL040318.D
Acq: 10 Apr 2023 10:15

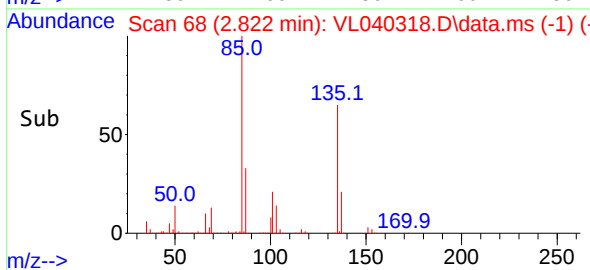
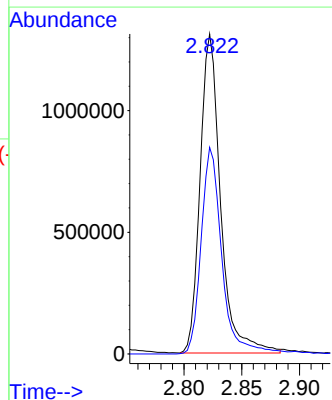
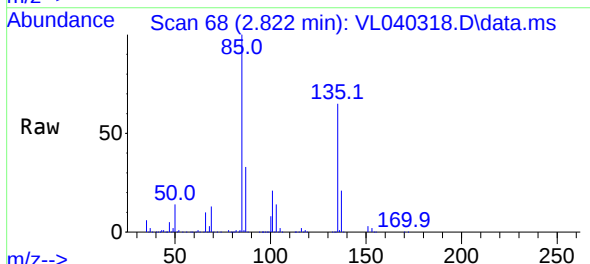
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 64 Resp: 239655
Ion Ratio Lower Upper
64 100
66 35.4 25.5 38.3

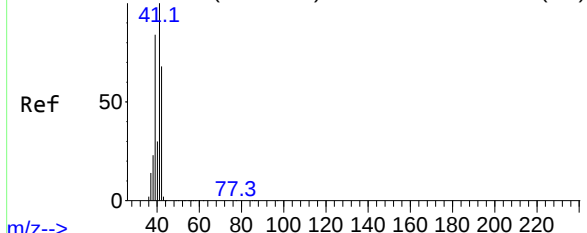


#8
Dichlorotetrafluoroethane
Concen: 9.218 ppbv
RT: 2.822 min Scan# 68
Delta R.T. -0.026 min
Lab File: VL040318.D
Acq: 10 Apr 2023 10:15

Tgt Ion: 85 Resp: 1619535
Ion Ratio Lower Upper
85 100
135 66.4 52.0 78.0

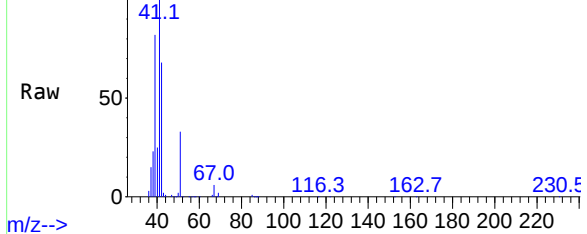


Abundance Scan 25 (2.684 min): VL040279.D\data.ms (-15)



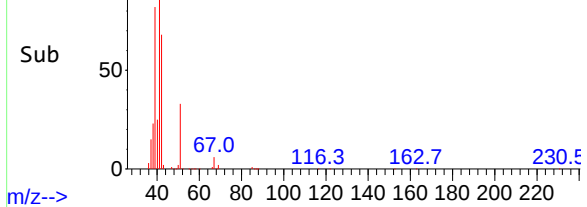
m/z-->

Abundance Scan 17 (2.658 min): VL040318.D\data.ms



m/z-->

Abundance Scan 17 (2.658 min): VL040318.D\data.ms (-1)



m/z-->

#9

Propene

Concen: 10.068 ppbv

RT: 2.658 min Scan# 11

Delta R.T. -0.026 min

Lab File: VL040318.D

Acq: 10 Apr 2023 10:15

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

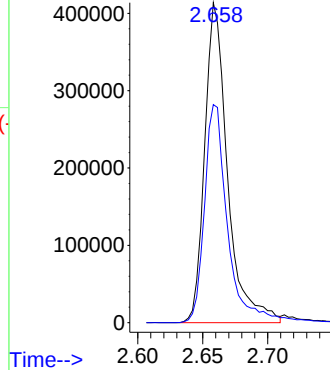
Tgt Ion: 41 Resp: 507376

Ion Ratio Lower Upper

41 100

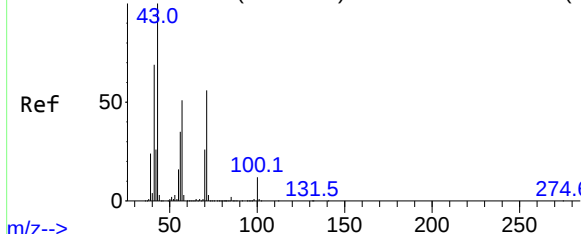
42 70.0 59.0 88.4

Abundance



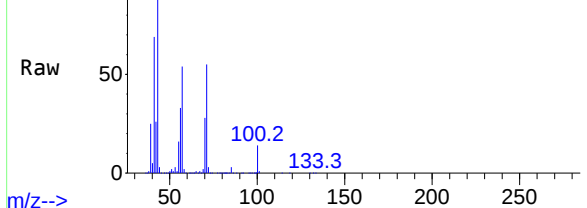
Time-->

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



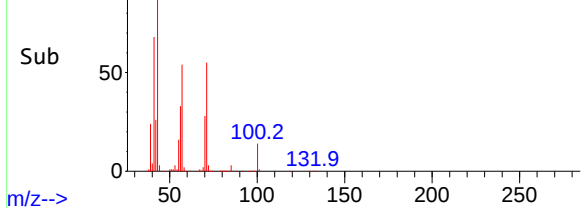
m/z-->

Abundance Scan 1537 (7.545 min): VL040318.D\data.ms



m/z-->

Abundance Scan 1537 (7.545 min): VL040318.D\data.ms (-1)



m/z-->

#10

Heptane

Concen: 10.421 ppbv

RT: 7.545 min Scan# 1537

Delta R.T. -0.036 min

Lab File: VL040318.D

Acq: 10 Apr 2023 10:15

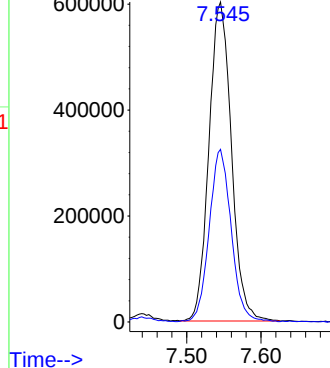
Tgt Ion: 43 Resp: 1263192

Ion Ratio Lower Upper

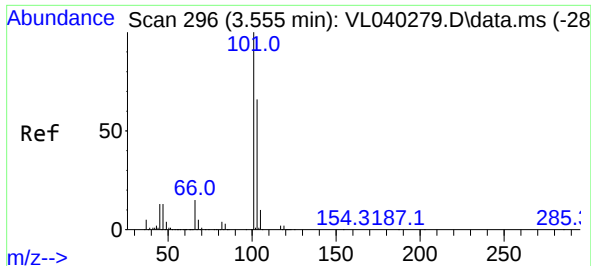
43 100

57 52.7 41.7 62.5

Abundance



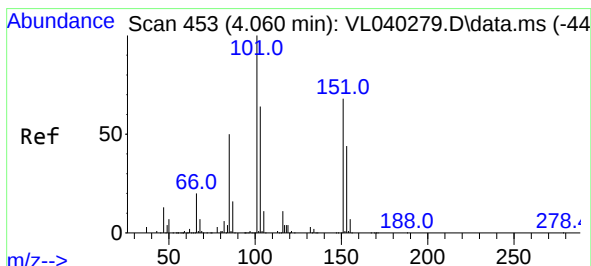
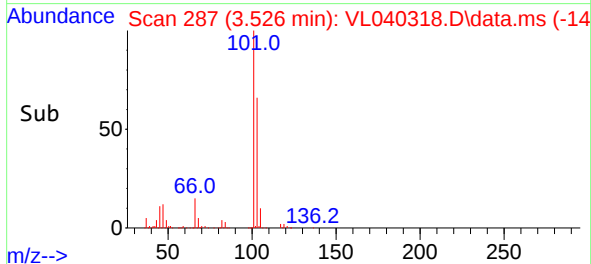
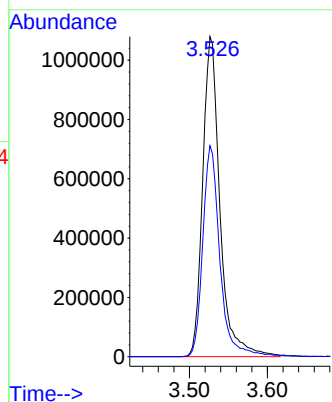
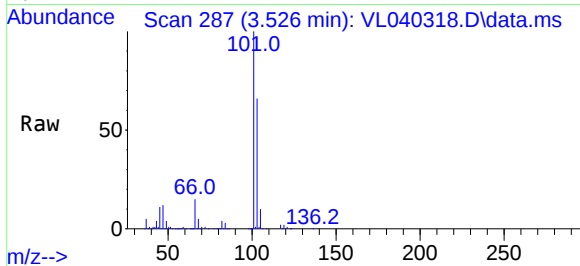
Time-->



#11
Trichlorofluoromethane
Concen: 8.919 ppbv
RT: 3.526 min Scan# 21
Delta R.T. -0.029 min
Lab File: VL040318.D
Acq: 10 Apr 2023 10:15

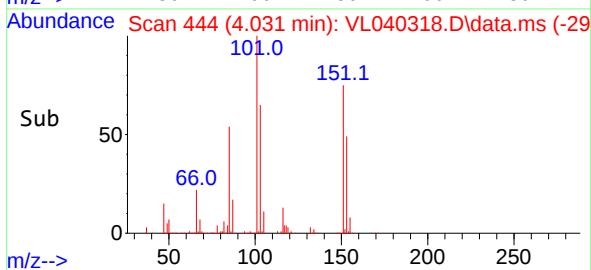
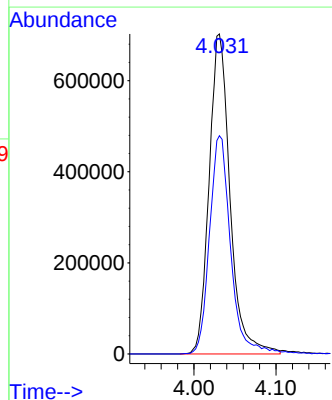
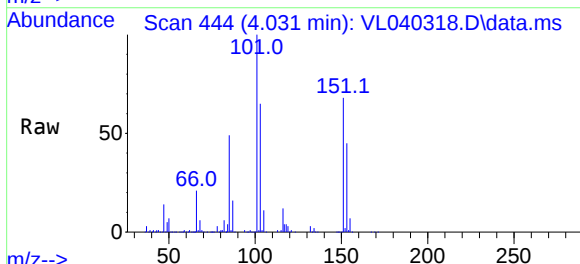
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

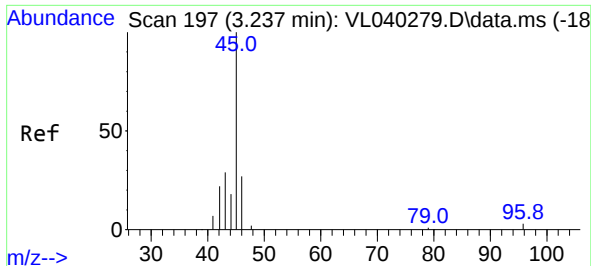
Tgt Ion:101 Resp: 1658702
Ion Ratio Lower Upper
101 100
103 65.9 53.1 79.7



#12
1,1,2-Trichlorotrifluoroethane
Concen: 8.940 ppbv
RT: 4.031 min Scan# 444
Delta R.T. -0.029 min
Lab File: VL040318.D
Acq: 10 Apr 2023 10:15

Tgt Ion:101 Resp: 1248647
Ion Ratio Lower Upper
101 100
151 69.1 53.2 79.8





#13

Ethanol

Concen: 6.888 ppbv

RT: 3.211 min Scan# 11

Delta R.T. -0.026 min

Lab File: VL040318.D

Acq: 10 Apr 2023 10:15

Instrument :

MSVOA_L

ClientSampleId :

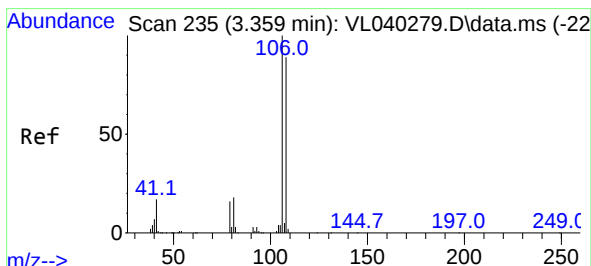
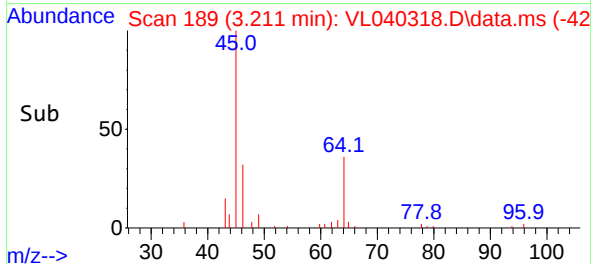
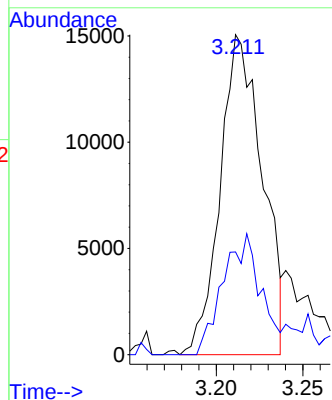
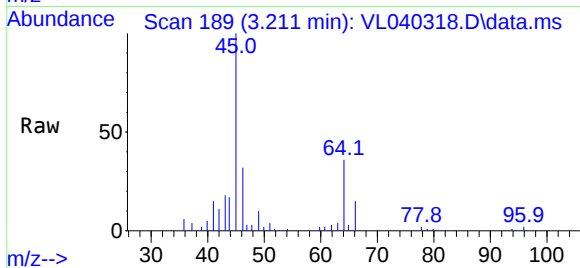
VSTDCCC010

Tgt Ion: 45 Resp: 25458

Ion Ratio Lower Upper

45 100

46 44.4 15.0 60.2



#14

Bromoethene

Concen: 9.722 ppbv

RT: 3.330 min Scan# 226

Delta R.T. -0.029 min

Lab File: VL040318.D

Acq: 10 Apr 2023 10:15

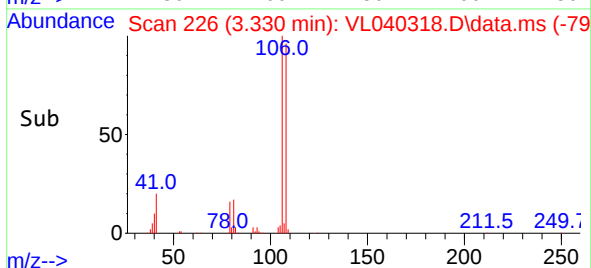
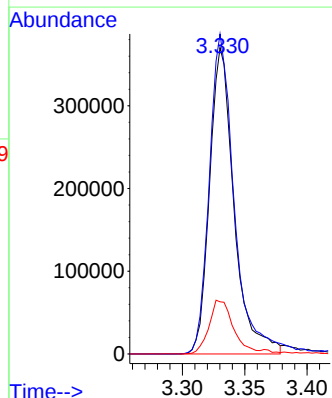
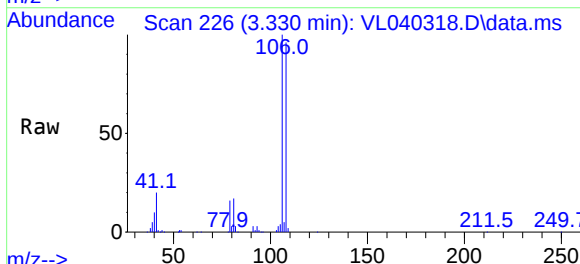
Tgt Ion:108 Resp: 506488

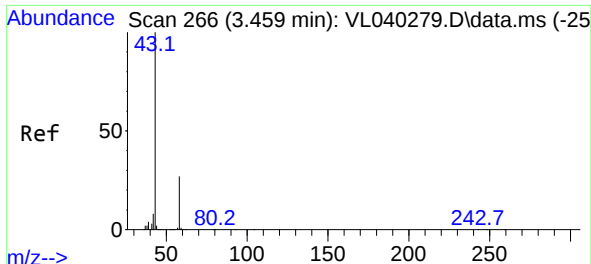
Ion Ratio Lower Upper

108 100

106 109.0 85.8 128.8

79 18.9 15.8 23.6

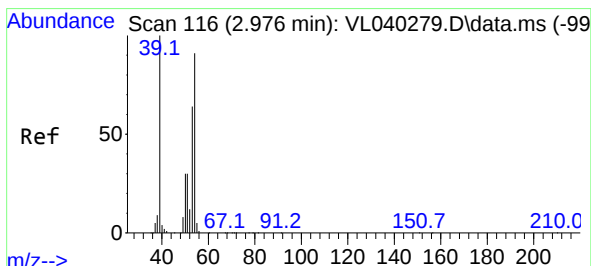
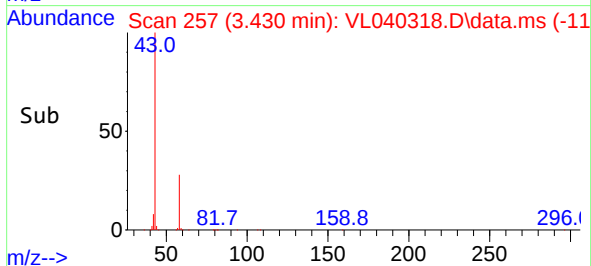
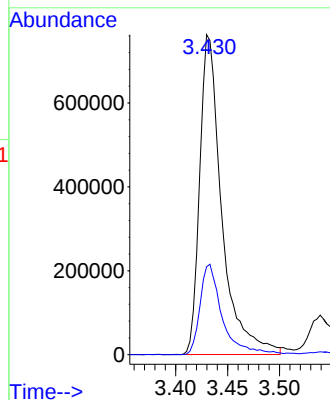
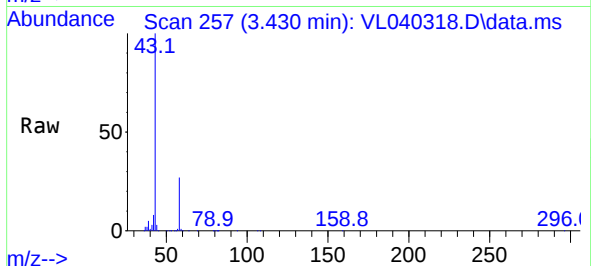




#15
Acetone
Concen: 8.864 ppbv
RT: 3.430 min Scan# 21
Delta R.T. -0.029 min
Lab File: VL040318.D
Acq: 10 Apr 2023 10:15

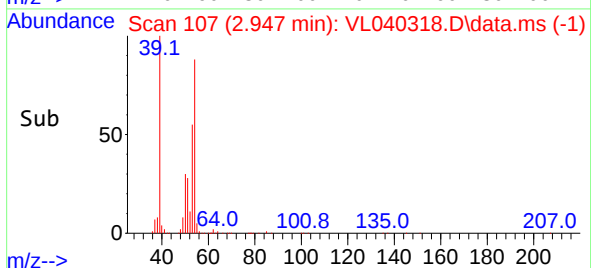
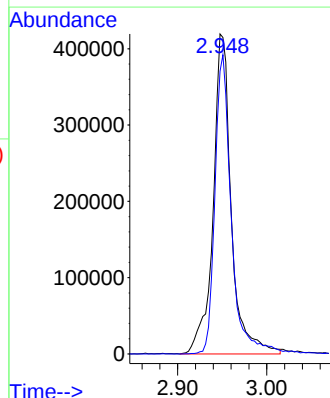
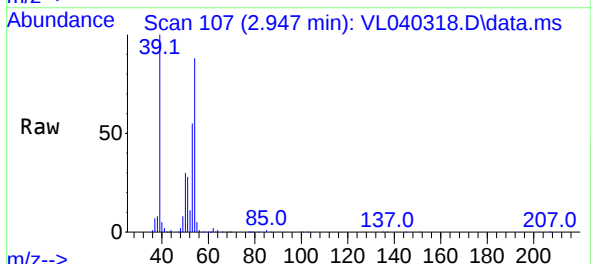
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

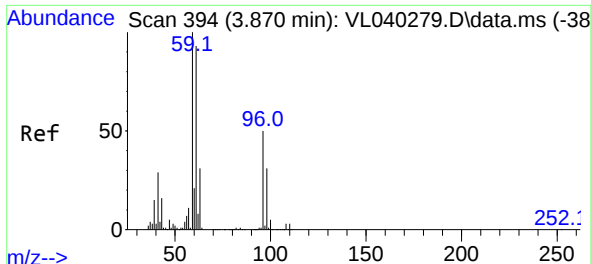
Tgt Ion: 43 Resp: 1128959
Ion Ratio Lower Upper
43 100
58 28.6 21.8 32.8



#16
1,3-Butadiene
Concen: 10.260 ppbv
RT: 2.947 min Scan# 107
Delta R.T. -0.029 min
Lab File: VL040318.D
Acq: 10 Apr 2023 10:15

Tgt Ion: 39 Resp: 593972
Ion Ratio Lower Upper
39 100
54 85.3 68.4 102.6

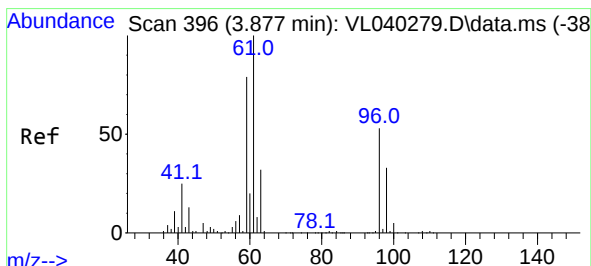
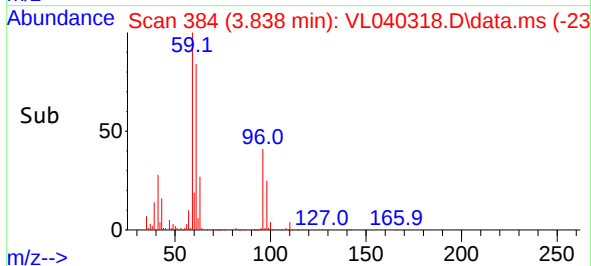
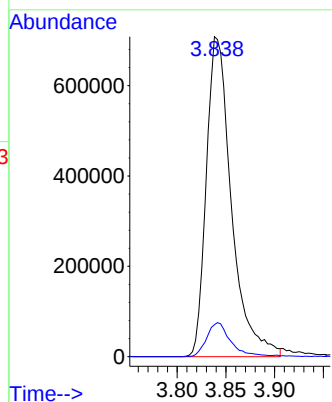
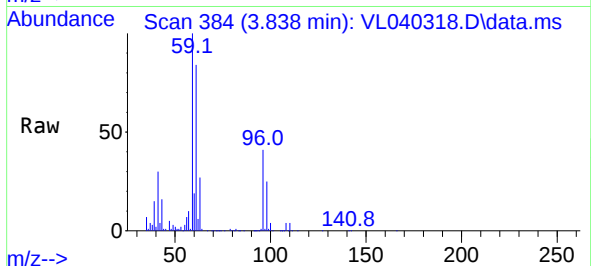




#17
tert-Butyl alcohol
Concen: 10.518 ppbv
RT: 3.838 min Scan# 384
Delta R.T. -0.032 min
Lab File: VL040318.D
Acq: 10 Apr 2023 10:15

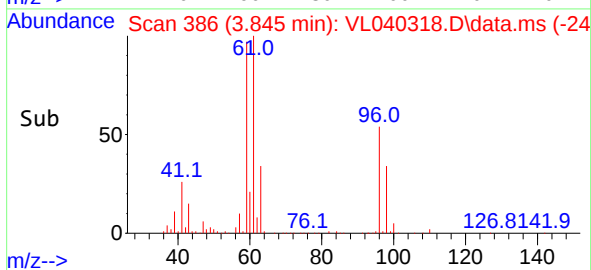
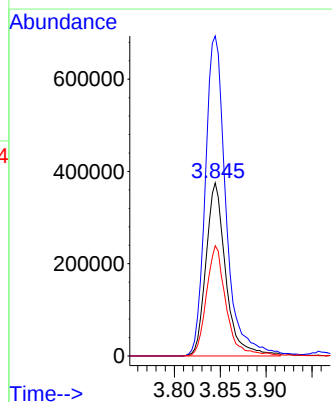
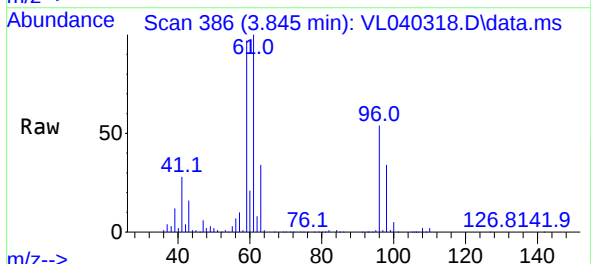
Instrument :
MSVOA_1
ClientSampleId :
VSTDCCC010

Tgt Ion: 59 Resp: 1273158
Ion Ratio Lower Upper
59 100
57 10.4 8.5 12.7

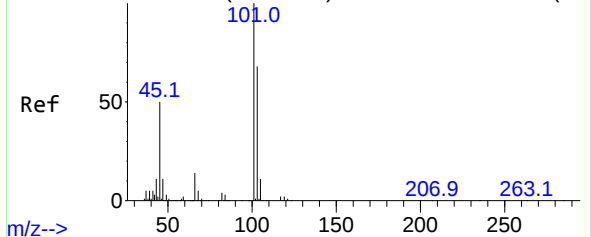


#18
1,1-Dichloroethene
Concen: 9.431 ppbv
RT: 3.845 min Scan# 386
Delta R.T. -0.032 min
Lab File: VL040318.D
Acq: 10 Apr 2023 10:15

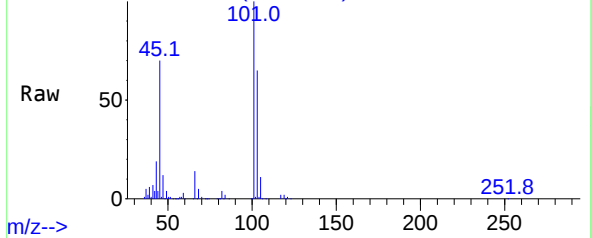
Tgt Ion: 96 Resp: 565053
Ion Ratio Lower Upper
96 100
61 184.9 150.6 226.0
98 63.6 50.3 75.5



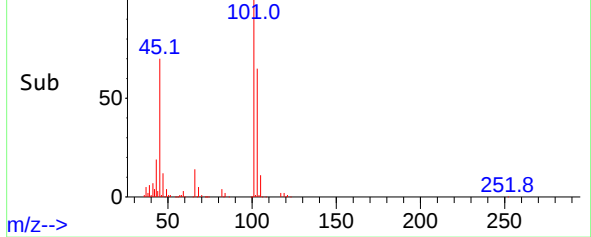
Abundance Scan 299 (3.565 min): VL040279.D\data.ms (-28



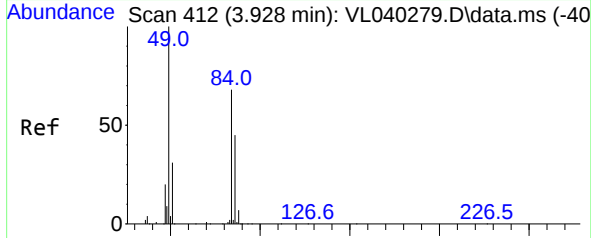
m/z--> Scan 291 (3.539 min): VL040318.D\data.ms



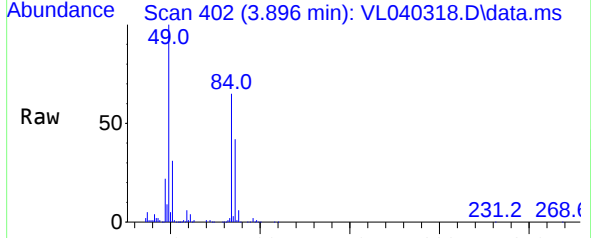
Abundance Scan 291 (3.539 min): VL040318.D\data.ms (-14



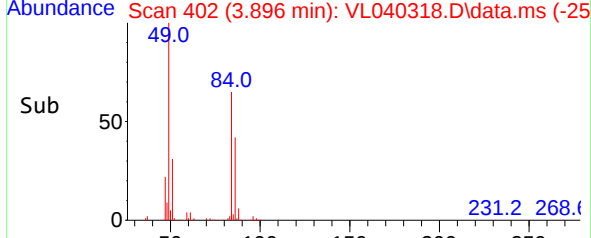
Abundance Scan 412 (3.928 min): VL040279.D\data.ms (-40



m/z--> Scan 402 (3.896 min): VL040318.D\data.ms



Abundance Scan 402 (3.896 min): VL040318.D\data.ms (-25



m/z-->

#19

Isopropyl Alcohol

Concen: 9.991 ppbv

RT: 3.539 min Scan# 291

Delta R.T. -0.026 min

Lab File: VL040318.D

Acq: 10 Apr 2023 10:15

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

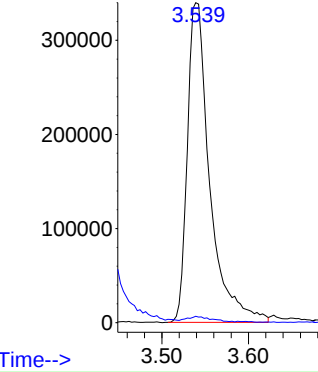
Tgt Ion: 45 Resp: 609554

Ion Ratio Lower Upper

45 100

58 2.5 2.7 4.1#

Abundance



#20

Methylene Chloride

Concen: 8.563 ppbv

RT: 3.896 min Scan# 402

Delta R.T. -0.032 min

Lab File: VL040318.D

Acq: 10 Apr 2023 10:15

Tgt Ion: 84 Resp: 458794

Ion Ratio Lower Upper

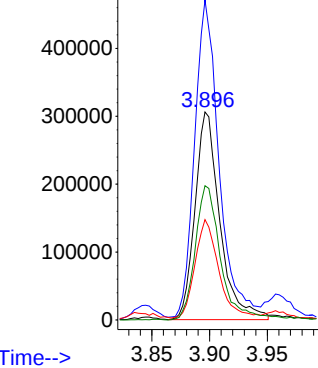
84 100

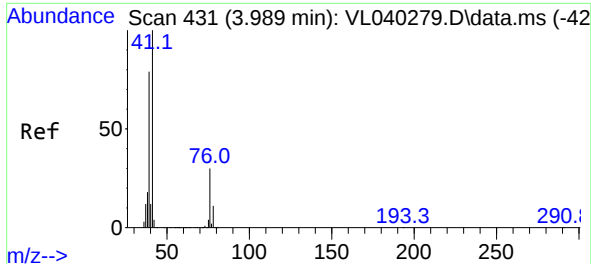
49 152.8 117.5 176.3

51 47.0 36.9 55.3

86 64.6 53.3 79.9

Abundance





#21

Allyl Chloride

Concen: 9.979 ppbv

RT: 3.960 min Scan# 41

Delta R.T. -0.029 min

Lab File: VL040318.D

Acq: 10 Apr 2023 10:15

Instrument :

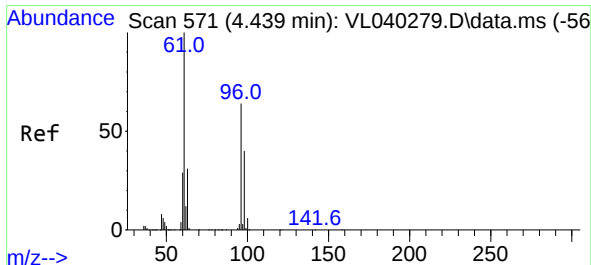
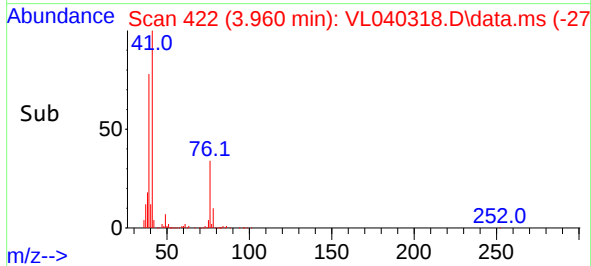
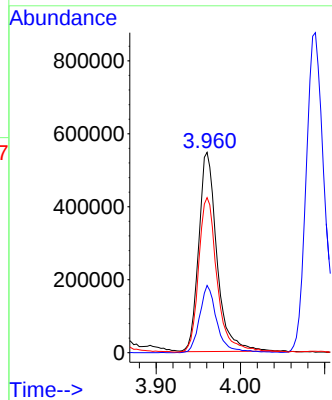
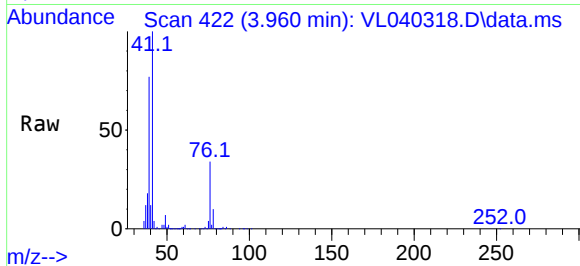
MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 41 Resp: 823240

Ion	Ratio	Lower	Upper
41	100		
76	32.4	25.4	38.0
39	79.6	65.4	98.2



#22

trans-1,2-Dichloroethene

Concen: 9.492 ppbv

RT: 4.407 min Scan# 561

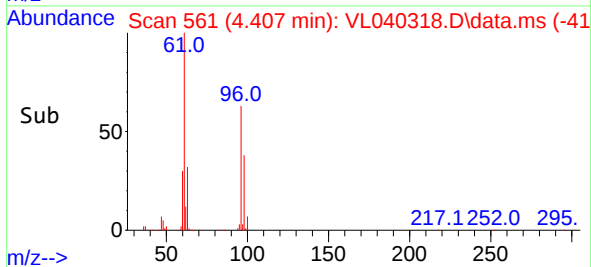
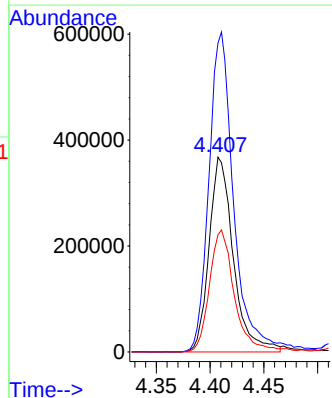
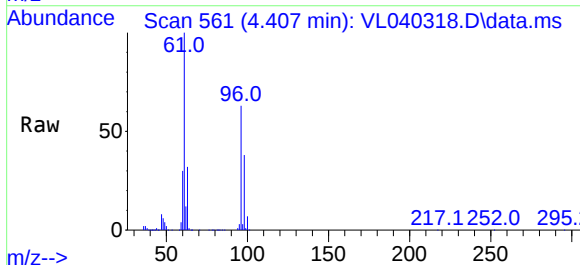
Delta R.T. -0.032 min

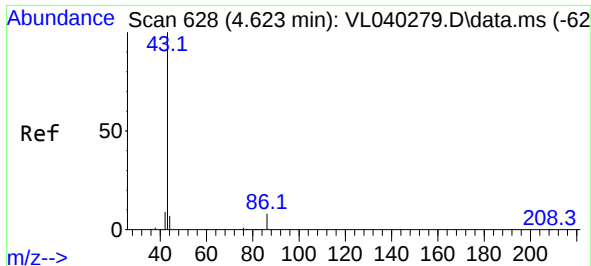
Lab File: VL040318.D

Acq: 10 Apr 2023 10:15

Tgt Ion: 96 Resp: 578844

Ion	Ratio	Lower	Upper
96	100		
61	158.6	125.4	188.2
98	60.2	49.8	74.6



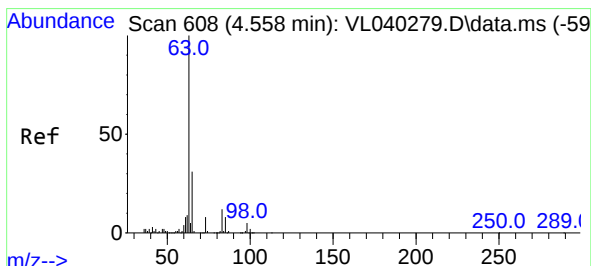
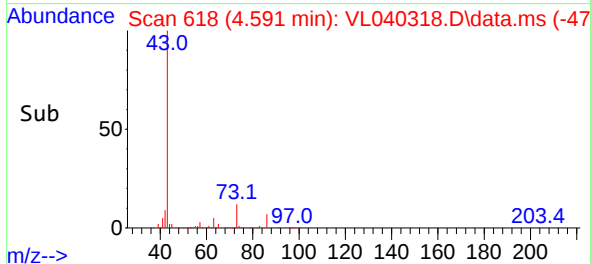
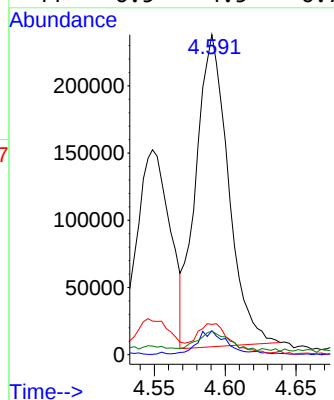
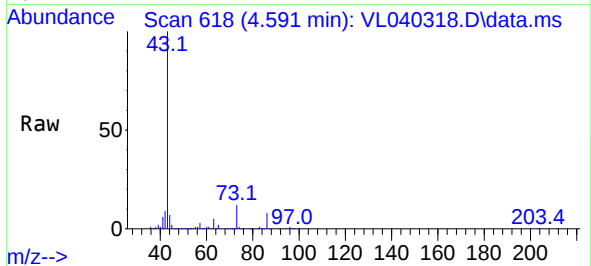


#23
 Vinyl Acetate
 Concen: 10.419 ppbv
 RT: 4.591 min Scan# 618
 Delta R.T. -0.032 min
 Lab File: VL040318.D
 Acq: 10 Apr 2023 10:15

Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDCCC010

Tgt Ion: 43 Resp: 369162

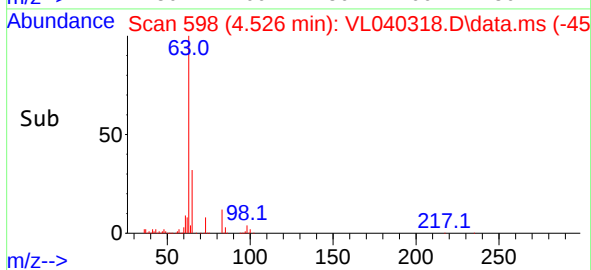
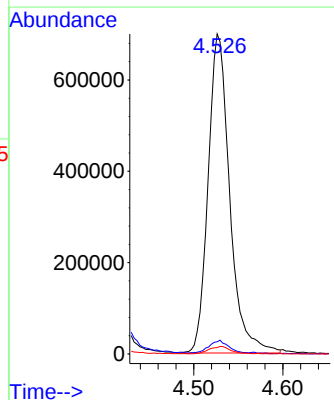
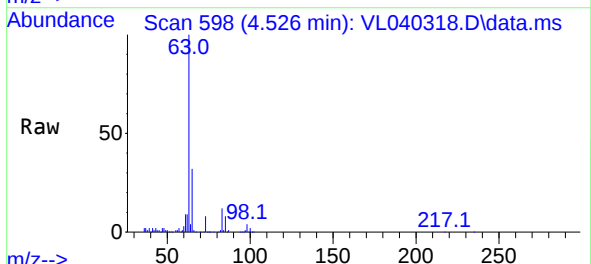
Ion	Ratio	Lower	Upper
43	100		
86	7.4	5.0	7.4
42	8.6	9.1	13.7#
44	6.5	4.5	6.7

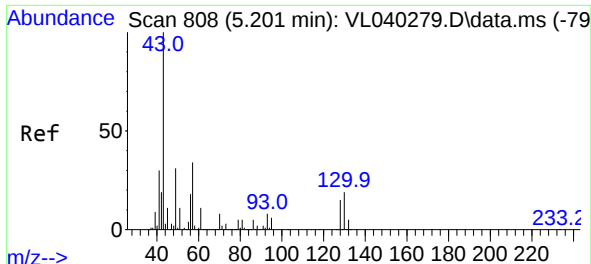


#24
 1,1-Dichloroethane
 Concen: 9.305 ppbv
 RT: 4.526 min Scan# 598
 Delta R.T. -0.032 min
 Lab File: VL040318.D
 Acq: 10 Apr 2023 10:15

Tgt Ion: 63 Resp: 1175998

Ion	Ratio	Lower	Upper
63	100		
98	3.6	2.4	7.2
100	1.9	1.2	3.6



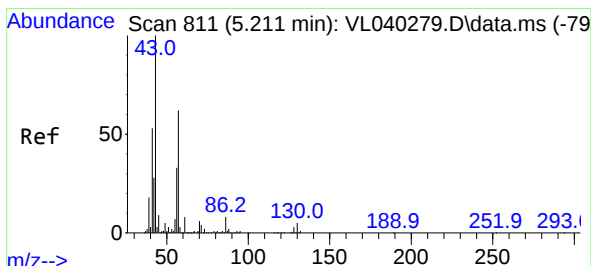
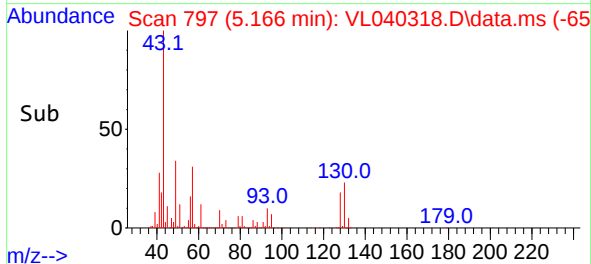
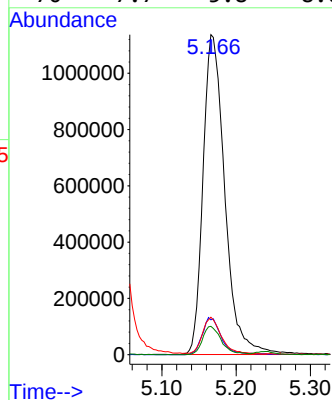
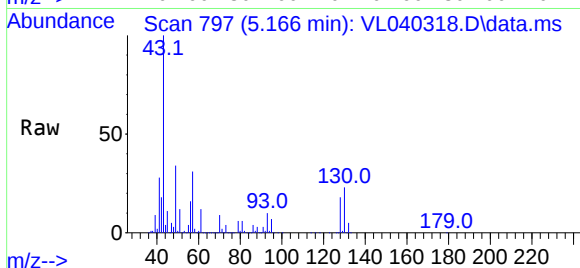


#25
Ethyl Acetate
Concen: 9.688 ppbv
RT: 5.166 min Scan# 79
Delta R.T. -0.035 min
Lab File: VL040318.D
Acq: 10 Apr 2023 10:15

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 43 Resp: 2310105

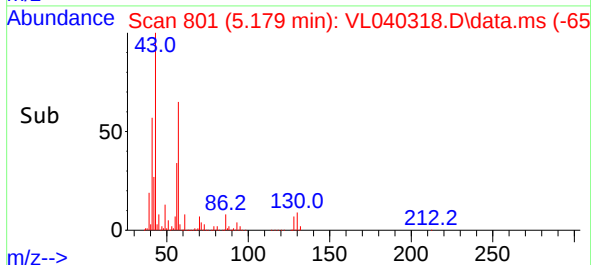
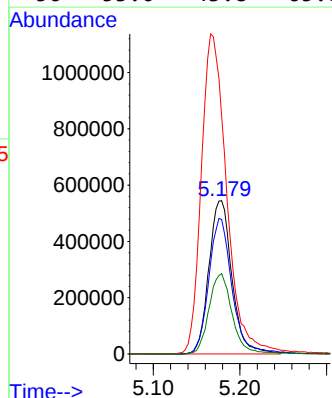
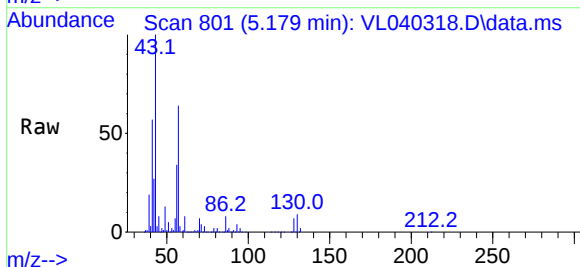
Ion	Ratio	Lower	Upper
43	100		
45	10.4	8.6	12.8
61	10.6	8.4	12.6
70	7.7	5.8	8.6

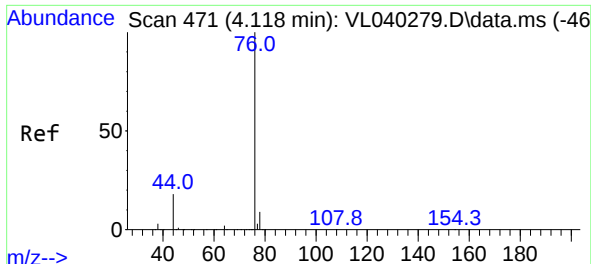


#26
Hexane
Concen: 10.294 ppbv
RT: 5.179 min Scan# 801
Delta R.T. -0.032 min
Lab File: VL040318.D
Acq: 10 Apr 2023 10:15

Tgt Ion: 57 Resp: 1007490

Ion	Ratio	Lower	Upper
57	100		
41	89.9	73.5	110.3
43	230.9	196.3	294.5
56	53.0	43.8	65.8

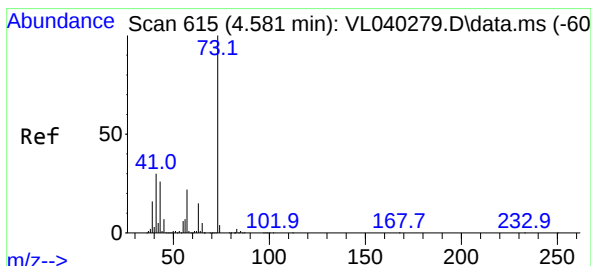
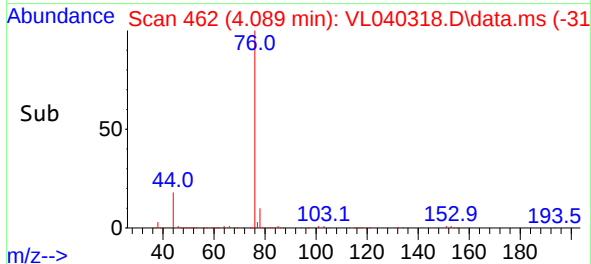
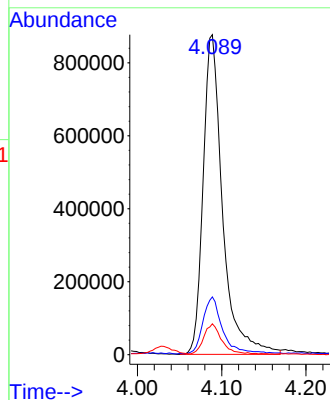
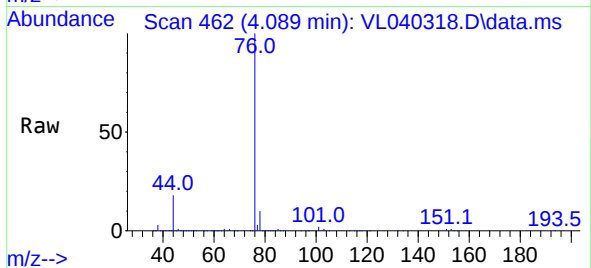




#27
Carbon Disulfide
Concen: 10.325 ppbv
RT: 4.089 min Scan# 41
Delta R.T. -0.029 min
Lab File: VL040318.D
Acq: 10 Apr 2023 10:15

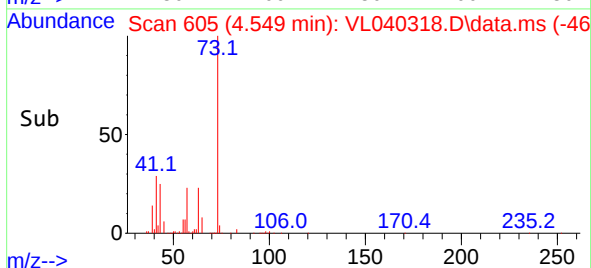
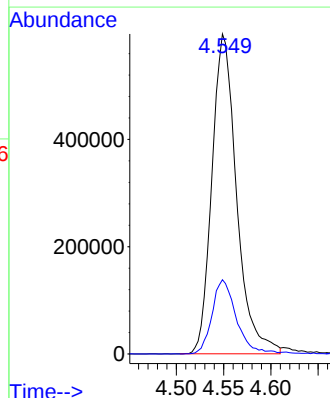
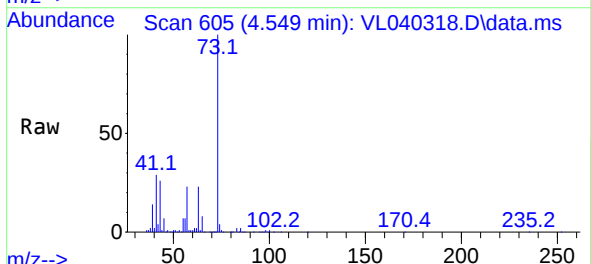
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

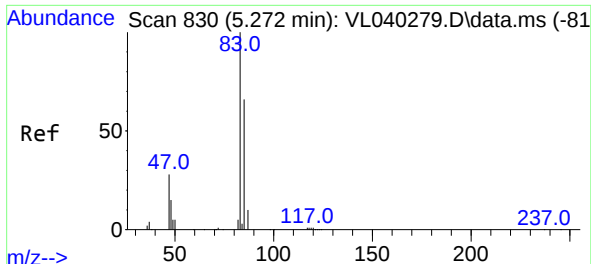
Tgt Ion: 76 Resp: 1411444
Ion Ratio Lower Upper
76 100
44 18.4 15.2 22.8
78 9.4 7.6 11.4



#28
Methyl tert-Butyl Ether
Concen: 9.649 ppbv
RT: 4.549 min Scan# 605
Delta R.T. -0.032 min
Lab File: VL040318.D
Acq: 10 Apr 2023 10:15

Tgt Ion: 73 Resp: 1084320
Ion Ratio Lower Upper
73 100
57 23.2 18.4 27.6





#29

Chloroform

Concen: 9.752 ppbv

RT: 5.237 min Scan# 81

Delta R.T. -0.035 min

Lab File: VL040318.D

Acq: 10 Apr 2023 10:15

Instrument :

MSVOA_L

ClientSampleId :

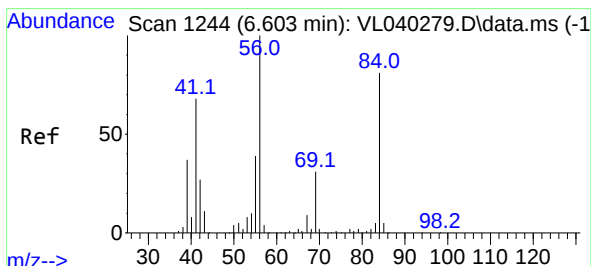
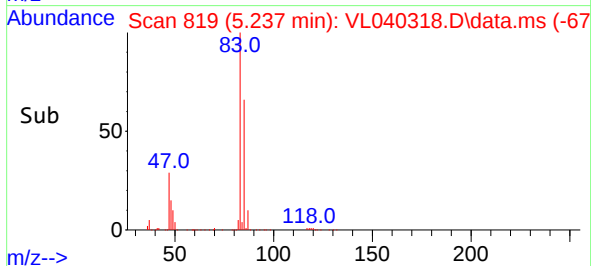
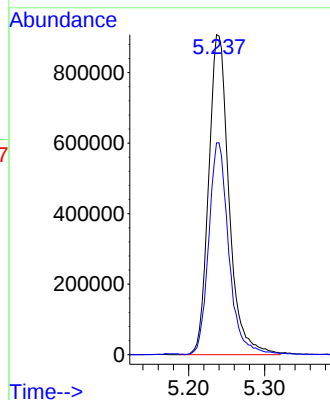
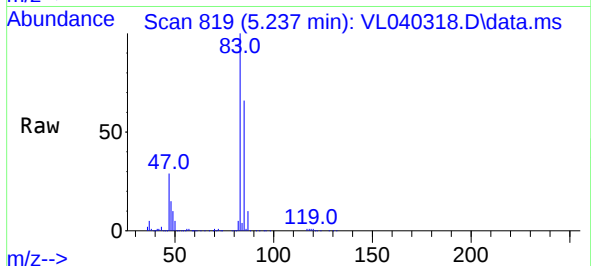
VSTDCCC010

Tgt Ion: 83 Resp: 1685494

Ion Ratio Lower Upper

83 100

85 66.1 52.8 79.2



#30

Cyclohexane

Concen: 10.931 ppbv

RT: 6.568 min Scan# 1233

Delta R.T. -0.035 min

Lab File: VL040318.D

Acq: 10 Apr 2023 10:15

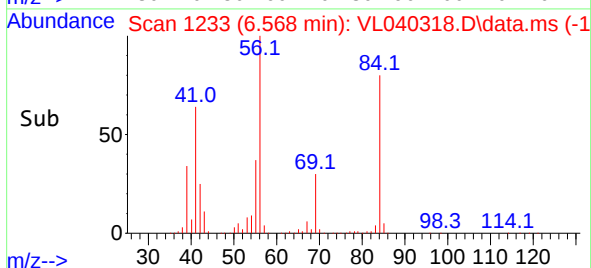
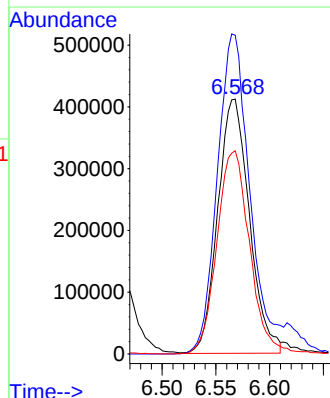
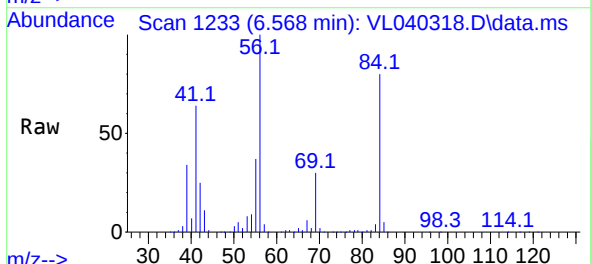
Tgt Ion: 84 Resp: 843029

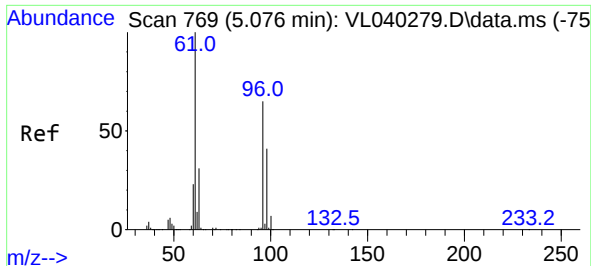
Ion Ratio Lower Upper

84 100

56 136.3 109.0 163.4

41 82.9 67.9 101.9

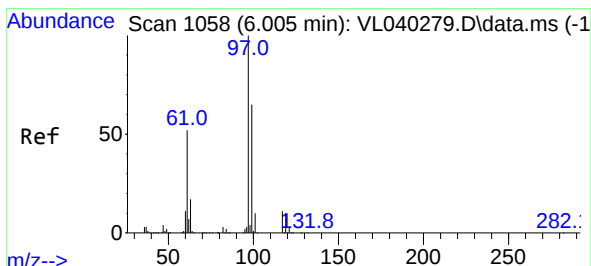
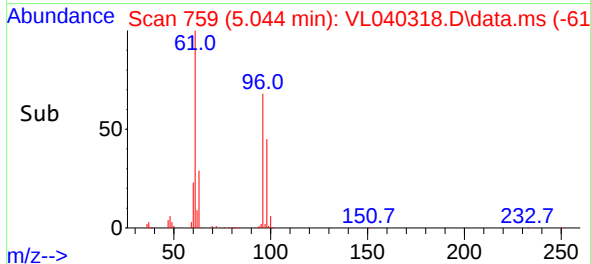
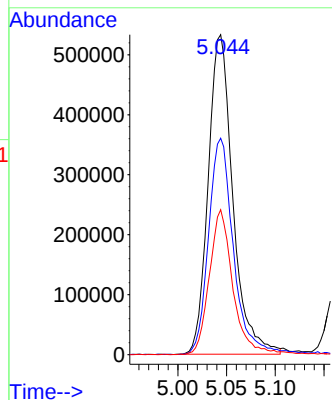
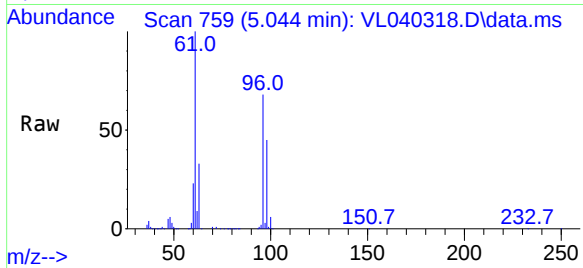




#31
cis-1,2-Dichloroethene
Concen: 9.827 ppbv
RT: 5.044 min Scan# 71
Delta R.T. -0.032 min
Lab File: VL040318.D
Acq: 10 Apr 2023 10:15

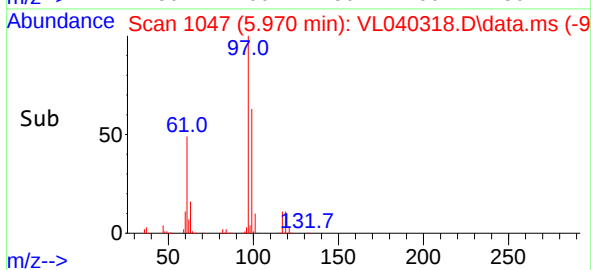
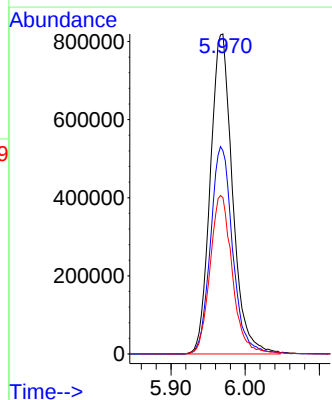
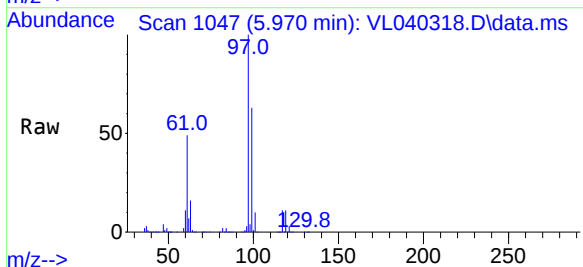
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

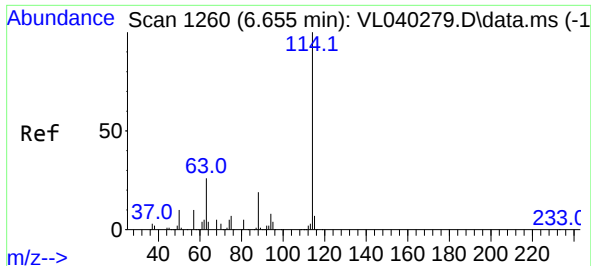
Tgt Ion: 61 Resp: 936677
Ion Ratio Lower Upper
61 100
96 67.7 51.8 77.8
98 45.2 32.5 48.7



#32
1,1,1-Trichloroethane
Concen: 10.271 ppbv
RT: 5.970 min Scan# 1047
Delta R.T. -0.035 min
Lab File: VL040318.D
Acq: 10 Apr 2023 10:15

Tgt Ion: 97 Resp: 1700677
Ion Ratio Lower Upper
97 100
99 64.8 52.2 78.2
61 49.9 41.4 62.2





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.619 min Scan# 11

Delta R.T. -0.036 min

Lab File: VL040318.D

Acq: 10 Apr 2023 10:15

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

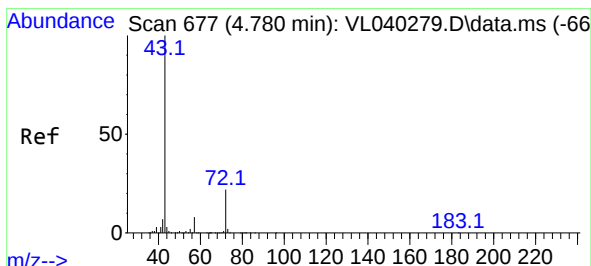
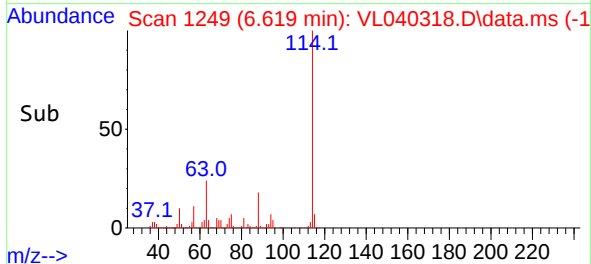
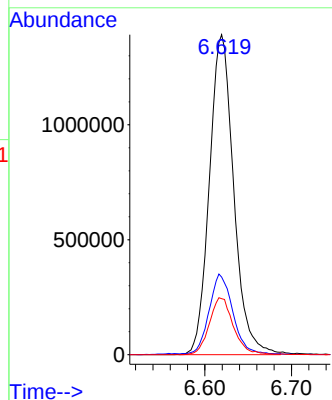
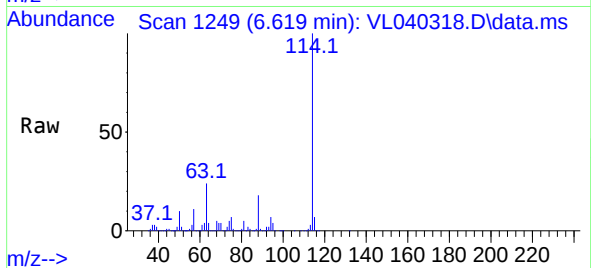
Tgt Ion:114 Resp: 2712693

Ion Ratio Lower Upper

114 100

63 25.3 21.2 31.8

88 17.8 14.5 21.7



#34

2-Butanone

Concen: 9.565 ppbv

RT: 4.748 min Scan# 667

Delta R.T. -0.032 min

Lab File: VL040318.D

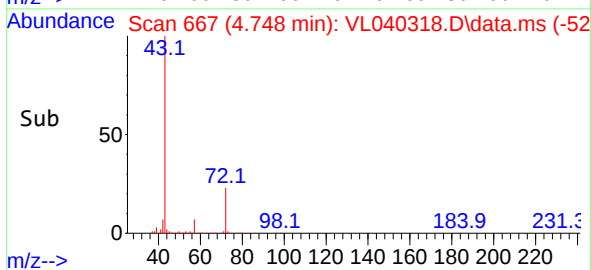
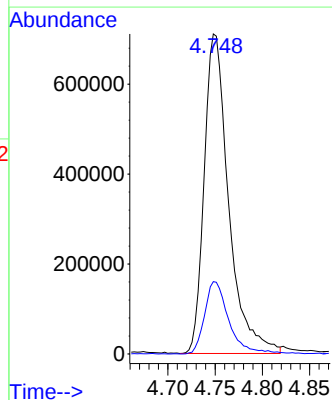
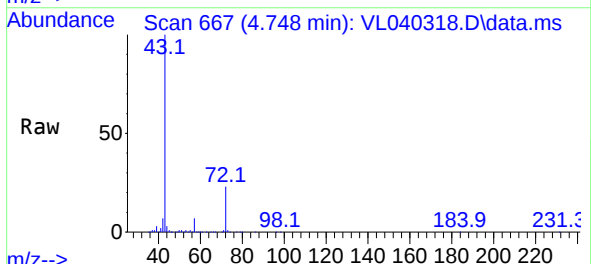
Acq: 10 Apr 2023 10:15

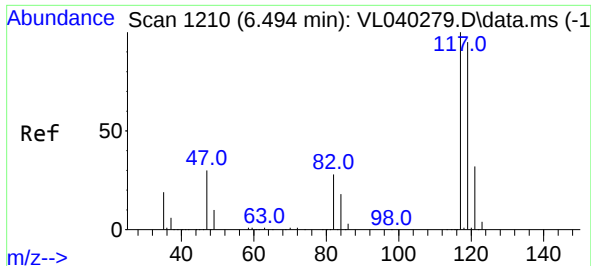
Tgt Ion: 43 Resp: 1280599

Ion Ratio Lower Upper

43 100

72 22.9 18.3 27.5

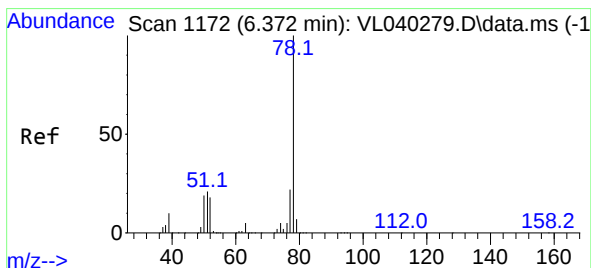
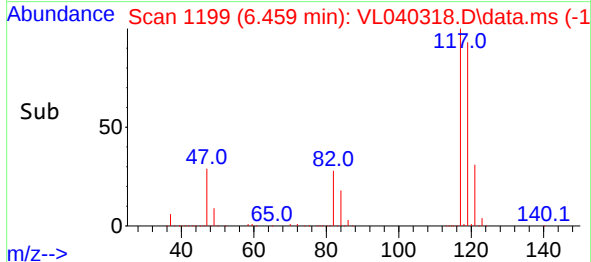
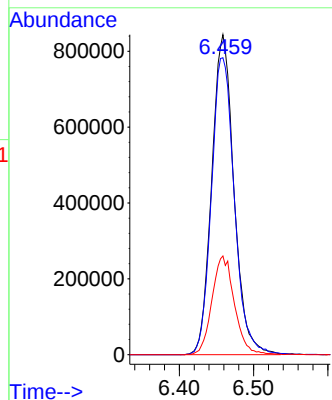
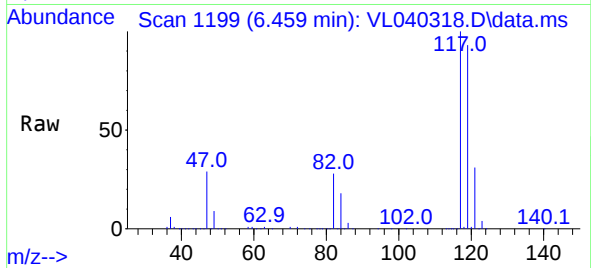




#35
Carbon Tetrachloride
Concen: 10.293 ppbv
RT: 6.459 min Scan# 1119
Delta R.T. -0.035 min
Lab File: VL040318.D
Acq: 10 Apr 2023 10:15

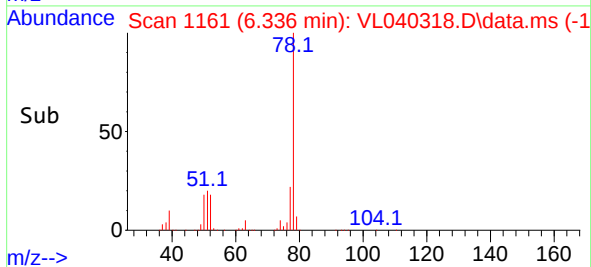
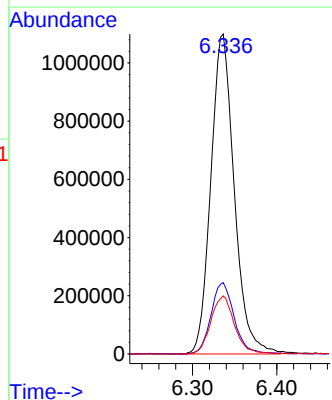
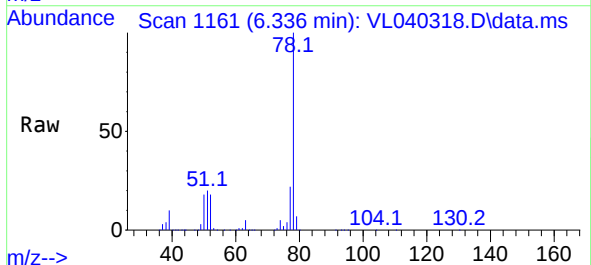
Instrument :
MSVOA_1
ClientSampleId :
VSTDCCC010

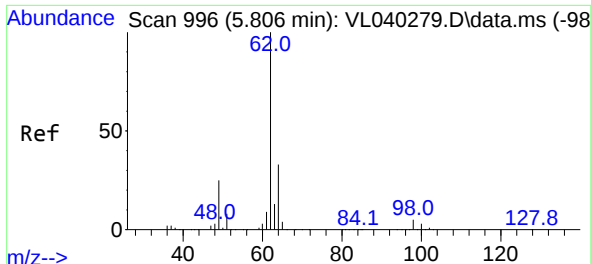
Tgt Ion:117 Resp: 1752151
Ion Ratio Lower Upper
117 100
119 92.8 76.4 114.6
121 30.8 25.6 38.4



#36
Benzene
Concen: 10.259 ppbv
RT: 6.336 min Scan# 1161
Delta R.T. -0.036 min
Lab File: VL040318.D
Acq: 10 Apr 2023 10:15

Tgt Ion: 78 Resp: 2120793
Ion Ratio Lower Upper
78 100
77 22.3 17.8 26.8
50 18.1 15.4 23.2

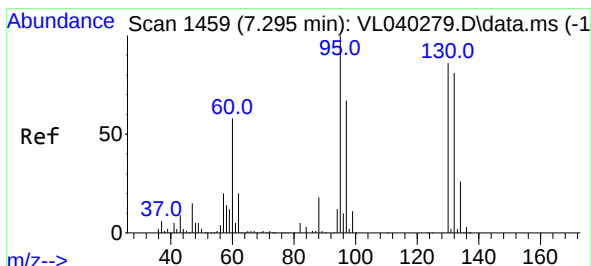
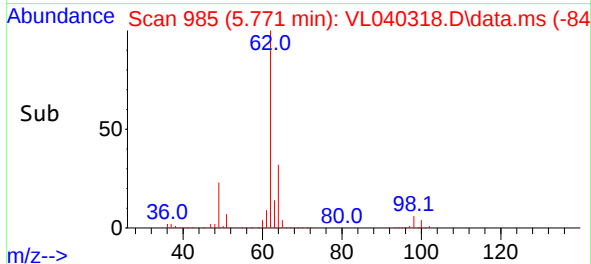
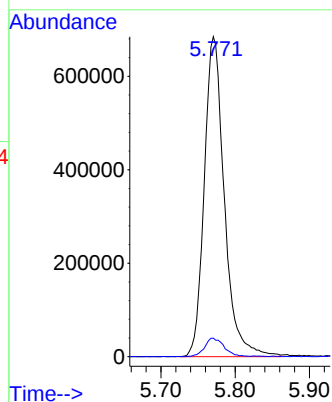
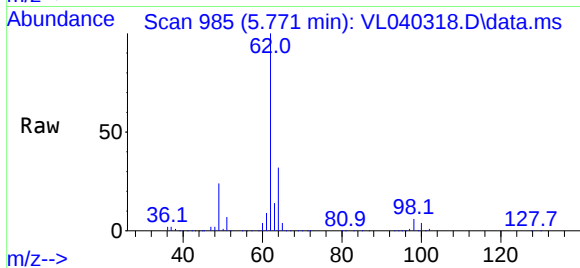




#37
1,2-Dichloroethane
Concen: 9.550 ppbv
RT: 5.771 min Scan# 91
Delta R.T. -0.035 min
Lab File: VL040318.D
Acq: 10 Apr 2023 10:15

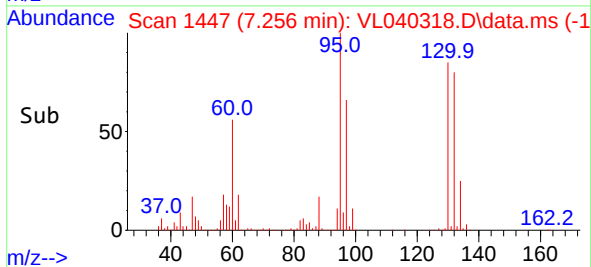
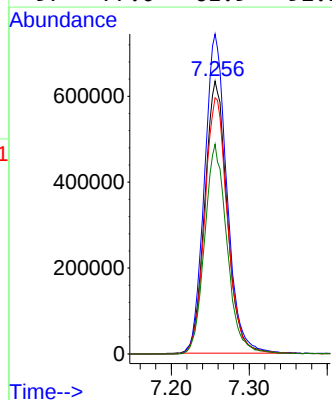
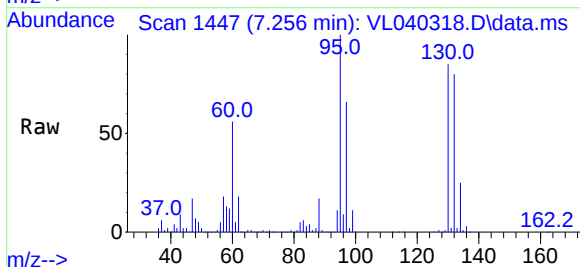
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

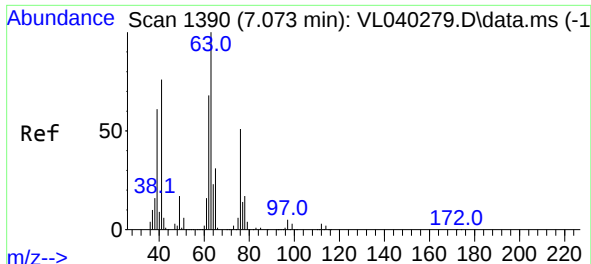
Tgt Ion: 62 Resp: 1285005
Ion Ratio Lower Upper
62 100
98 5.9 4.3 6.5



#38
Trichloroethene
Concen: 11.144 ppbv
RT: 7.256 min Scan# 1447
Delta R.T. -0.039 min
Lab File: VL040318.D
Acq: 10 Apr 2023 10:15

Tgt Ion:130 Resp: 1258887
Ion Ratio Lower Upper
130 100
95 117.4 93.0 139.4
132 94.1 75.3 112.9
97 77.0 61.9 92.9





#39

1,2-Dichloropropane

Concen: 9.915 ppbv

RT: 7.037 min Scan# 11

Delta R.T. -0.036 min

Lab File: VL040318.D

Acq: 10 Apr 2023 10:15

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

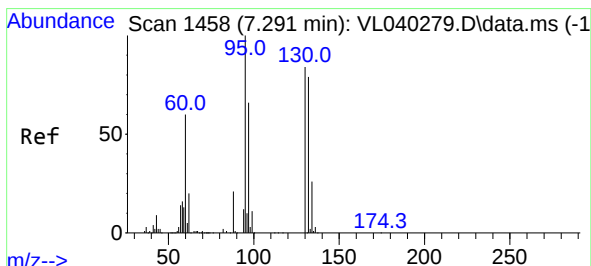
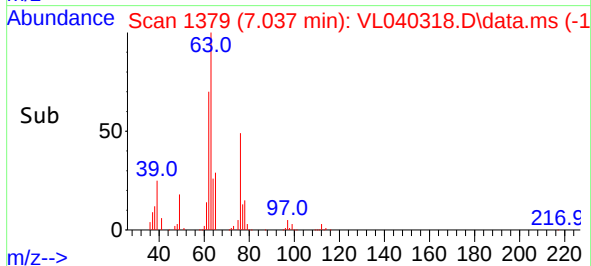
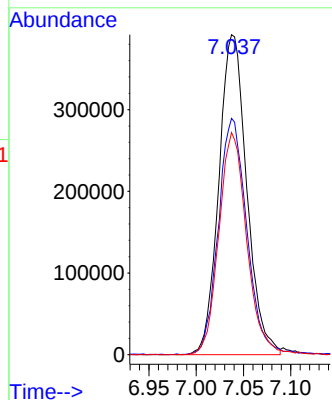
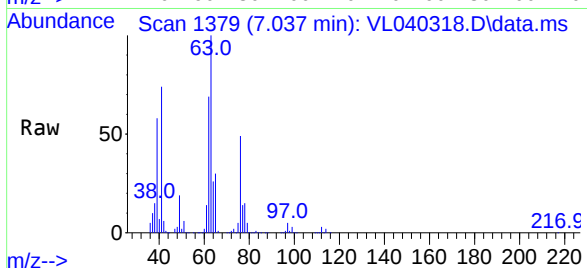
Tgt Ion: 63 Resp: 804195

Ion Ratio Lower Upper

63 100

41 73.8 60.8 91.2

62 69.3 54.1 81.1



#40

1,4-Dioxane

Concen: 4.747 ppbv

RT: 7.250 min Scan# 1445

Delta R.T. -0.041 min

Lab File: VL040318.D

Acq: 10 Apr 2023 10:15

Tgt Ion: 88 Resp: 152323

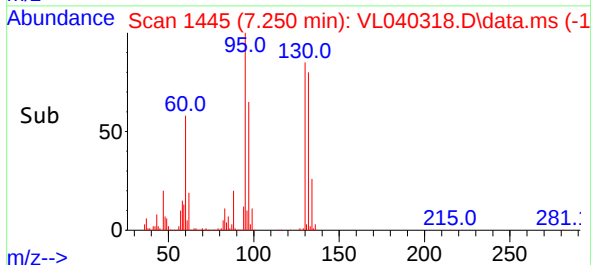
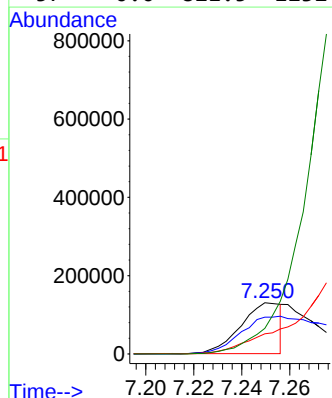
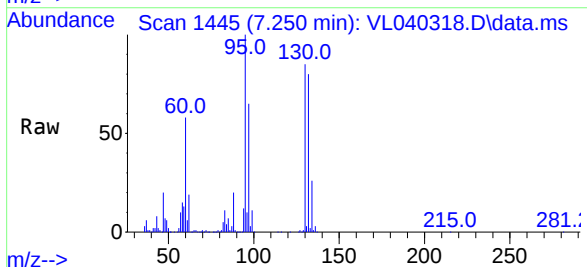
Ion Ratio Lower Upper

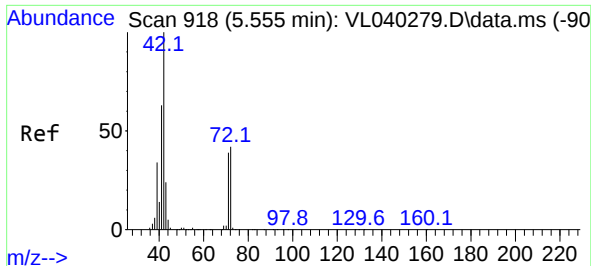
88 100

58 251.3 96.0 144.0#

43 0.0 187.6 281.4#

57 0.0 821.5 1232.3#

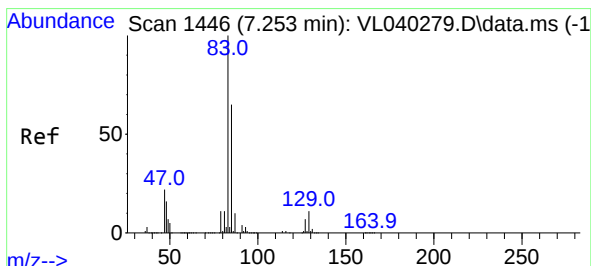
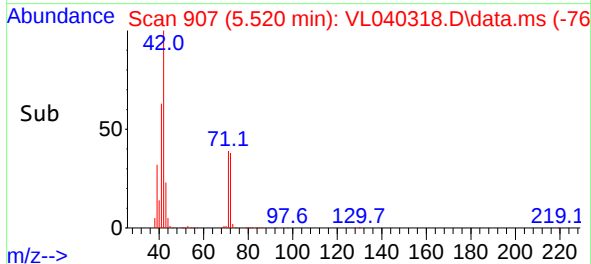
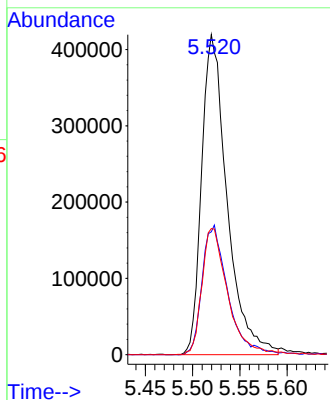
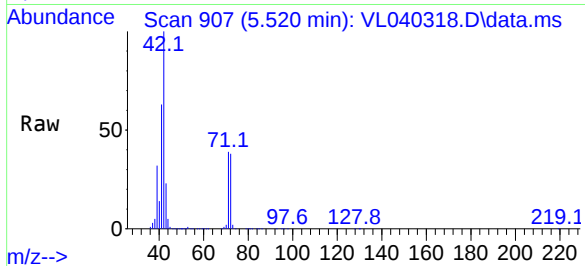




#41
Tetrahydrofuran
Concen: 10.167 ppbv
RT: 5.520 min Scan# 90
Delta R.T. -0.035 min
Lab File: VL040318.D
Acq: 10 Apr 2023 10:15

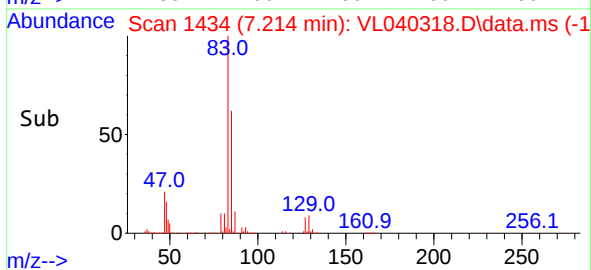
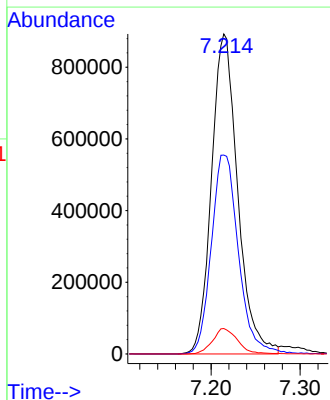
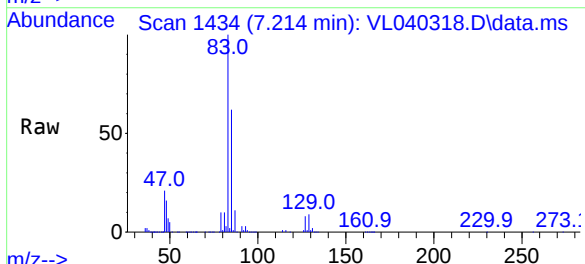
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

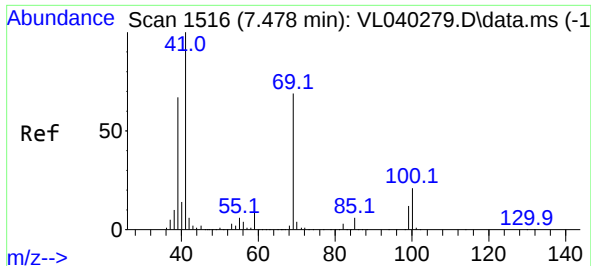
Tgt Ion: 42 Resp: 785587
Ion Ratio Lower Upper
42 100
72 41.1 32.6 49.0
71 40.4 31.0 46.4



#42
Bromodichloromethane
Concen: 9.920 ppbv
RT: 7.214 min Scan# 1434
Delta R.T. -0.039 min
Lab File: VL040318.D
Acq: 10 Apr 2023 10:15

Tgt Ion: 83 Resp: 1823927
Ion Ratio Lower Upper
83 100
85 62.2 52.1 78.1
127 8.0 5.8 8.6

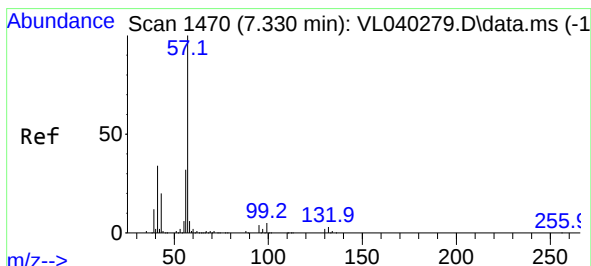
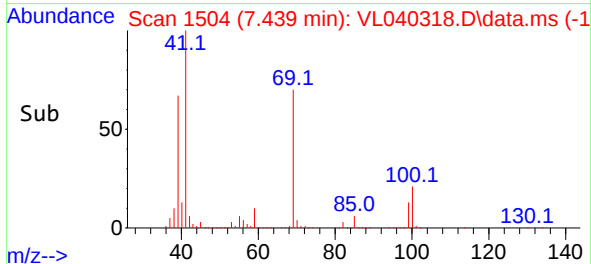
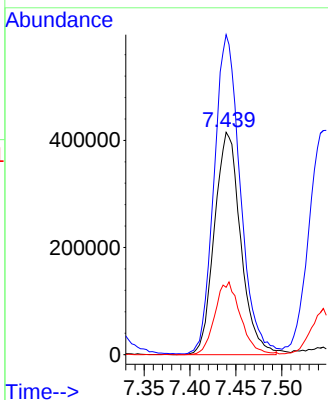
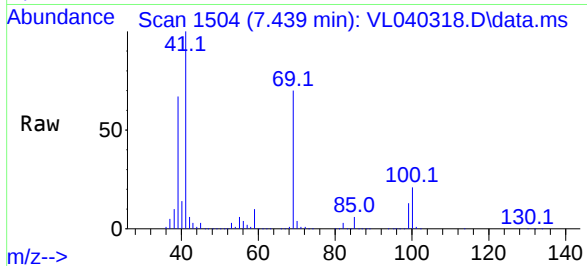




#43
Methyl Methacrylate
Concen: 10.748 ppbv
RT: 7.439 min Scan# 1458
Delta R.T. -0.039 min
Lab File: VL040318.D
Acq: 10 Apr 2023 10:15

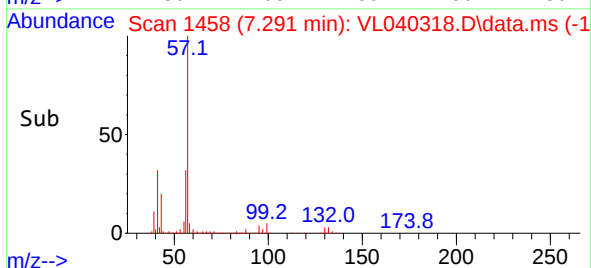
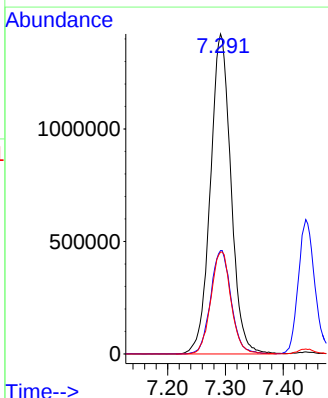
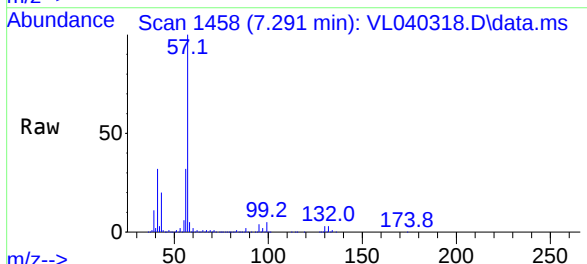
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

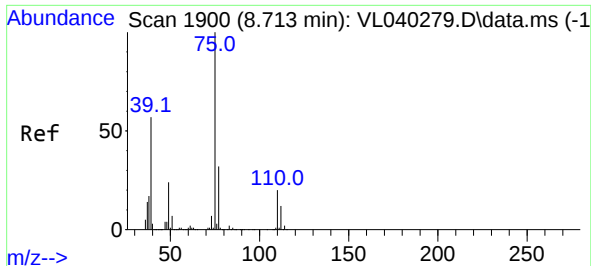
Tgt Ion: 69 Resp: 825735
Ion Ratio Lower Upper
69 100
41 144.4 116.9 175.3
100 32.2 24.2 36.4



#44
2,2,4-Trimethylpentane
Concen: 10.198 ppbv
RT: 7.291 min Scan# 1458
Delta R.T. -0.039 min
Lab File: VL040318.D
Acq: 10 Apr 2023 10:15

Tgt Ion: 57 Resp: 3514895
Ion Ratio Lower Upper
57 100
41 32.3 26.8 40.2
56 31.4 25.0 37.6





#45

t-1,3-Dichloropropene

Concen: 11.656 ppbv

RT: 8.674 min Scan# 11

Delta R.T. -0.039 min

Lab File: VL040318.D

Acq: 10 Apr 2023 10:15

Instrument :

MSVOA_L

ClientSampleId :

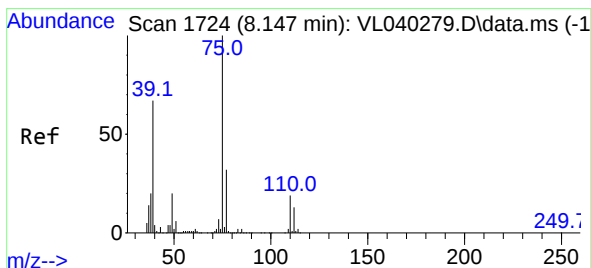
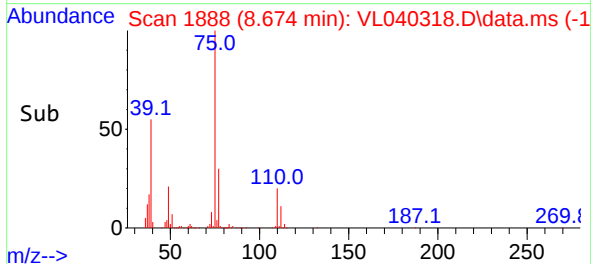
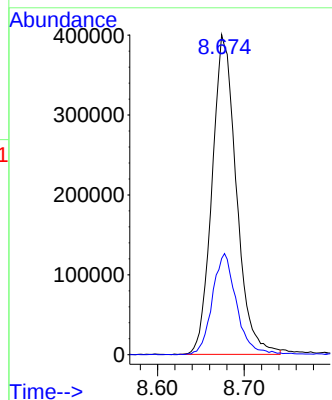
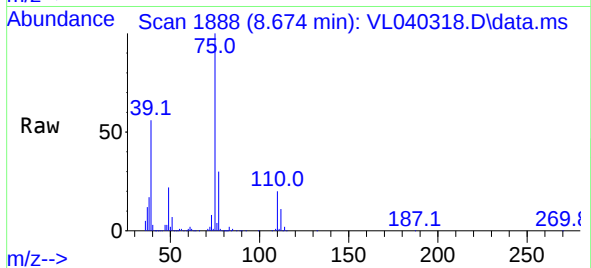
VSTDCCC010

Tgt Ion: 75 Resp: 780613

Ion Ratio Lower Upper

75 100

77 30.0 25.4 38.0



#46

cis-1,3-Dichloropropene

Concen: 11.301 ppbv

RT: 8.108 min Scan# 1712

Delta R.T. -0.039 min

Lab File: VL040318.D

Acq: 10 Apr 2023 10:15

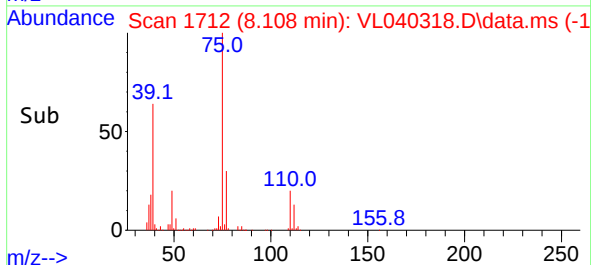
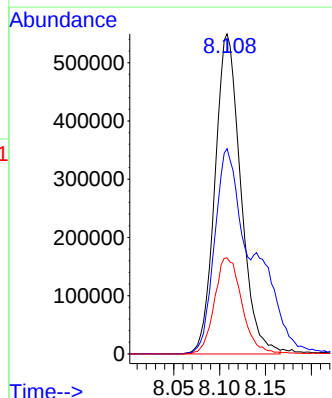
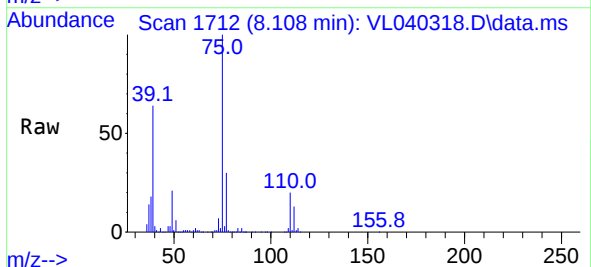
Tgt Ion: 75 Resp: 1074724

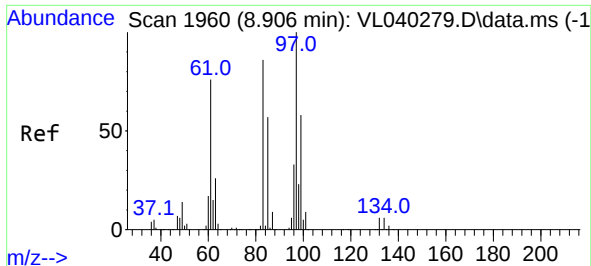
Ion Ratio Lower Upper

75 100

39 64.1 53.9 80.9

77 30.0 25.3 37.9





#47

1,1,2-Trichloroethane

Concen: 10.022 ppbv

RT: 8.864 min Scan# 1960

Delta R.T. -0.042 min

Lab File: VL040318.D

Acq: 10 Apr 2023 10:15

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 97 Resp: 867294

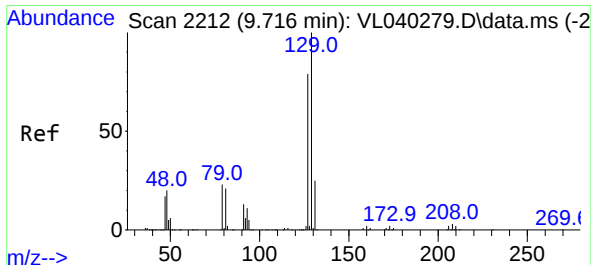
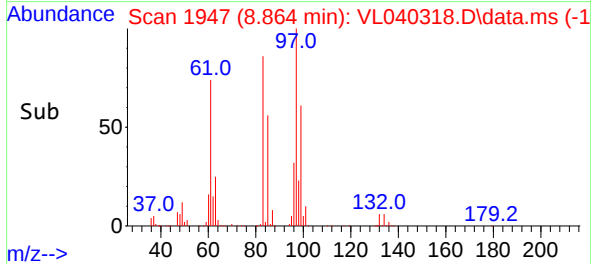
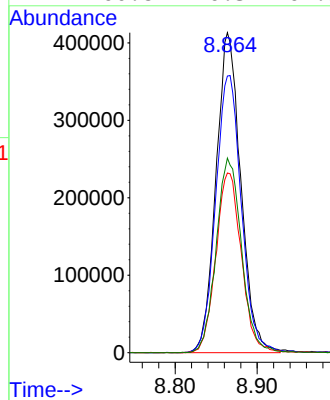
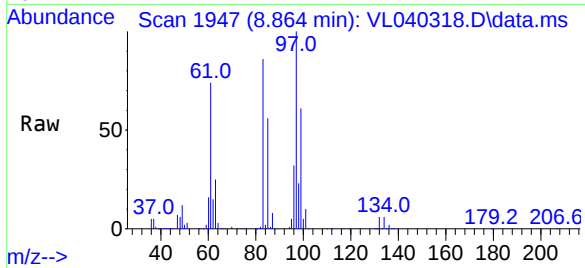
Ion Ratio Lower Upper

97 100

83 86.4 68.6 103.0

85 56.1 46.0 69.0

99 60.8 46.3 69.5



#48

Dibromochloromethane

Concen: 10.103 ppbv

RT: 9.677 min Scan# 2200

Delta R.T. -0.039 min

Lab File: VL040318.D

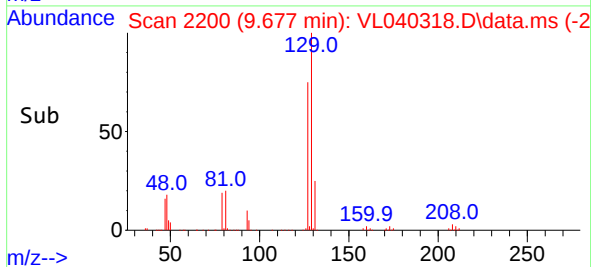
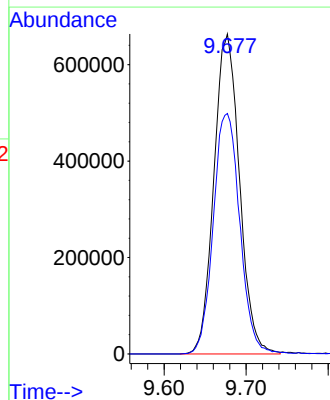
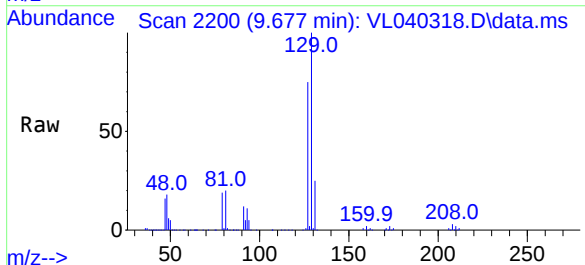
Acq: 10 Apr 2023 10:15

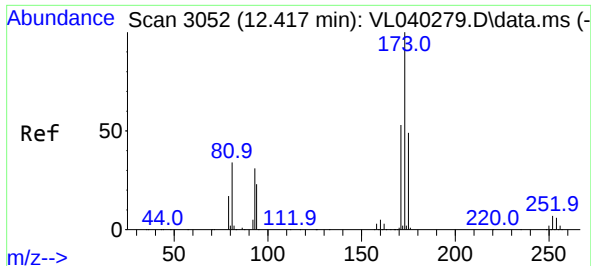
Tgt Ion: 129 Resp: 1438856

Ion Ratio Lower Upper

129 100

127 78.3 39.1 117.5

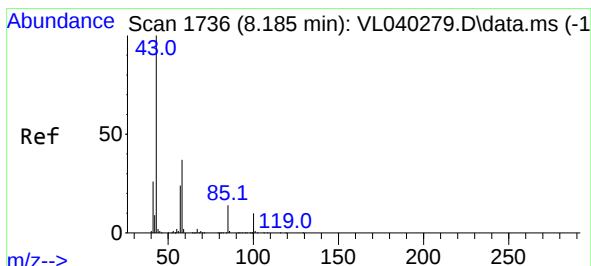
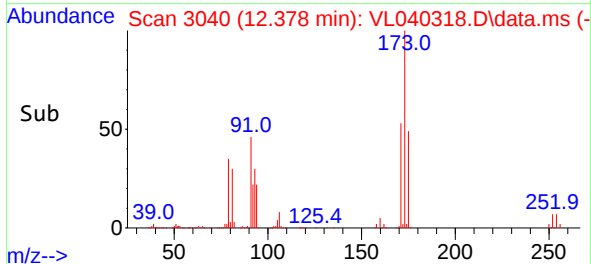
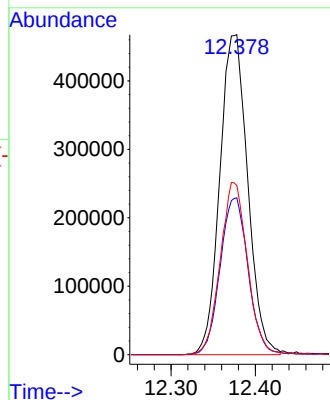
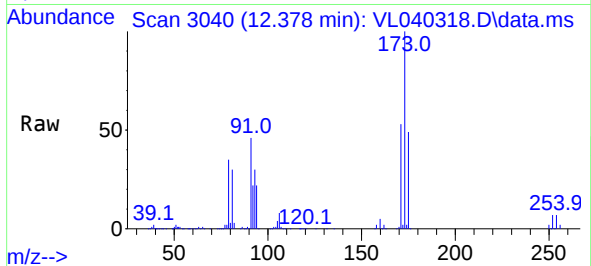




#49
Bromoform
Concen: 10.041 ppbv
RT: 12.378 min Scan# 3052
Delta R.T. -0.039 min
Lab File: VL040318.D
Acq: 10 Apr 2023 10:15

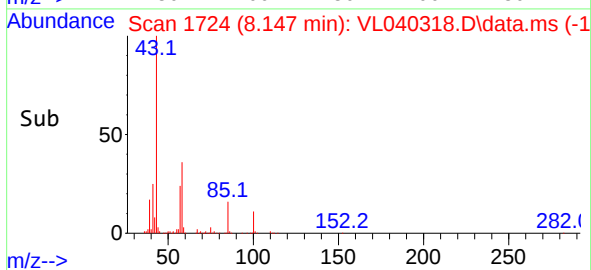
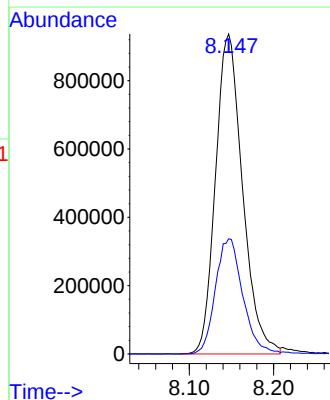
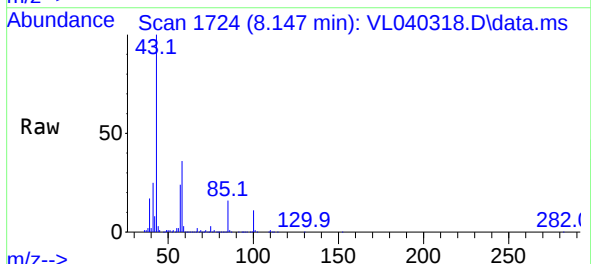
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

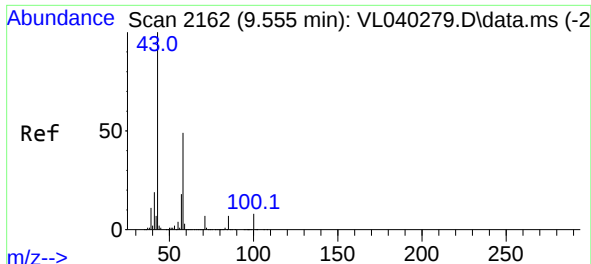
Tgt Ion:173 Resp: 1073994
Ion Ratio Lower Upper
173 100
175 49.6 39.8 59.8
171 52.7 42.2 63.4



#50
4-Methyl-2-Pentanone
Concen: 10.059 ppbv
RT: 8.147 min Scan# 1724
Delta R.T. -0.038 min
Lab File: VL040318.D
Acq: 10 Apr 2023 10:15

Tgt Ion: 43 Resp: 2084092
Ion Ratio Lower Upper
43 100
58 36.8 29.2 43.8



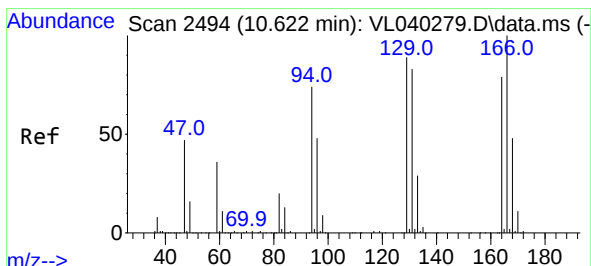
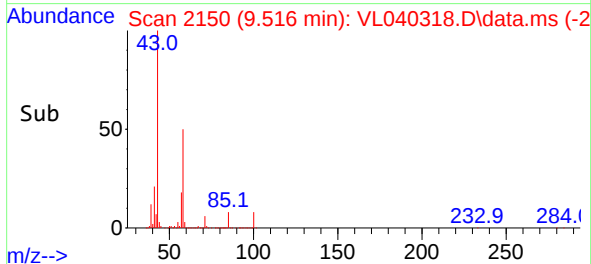
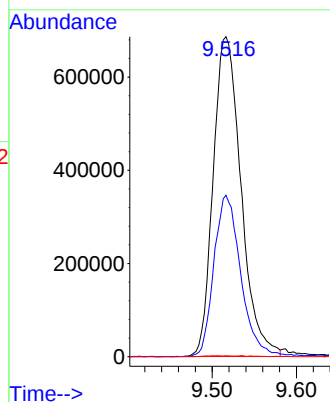
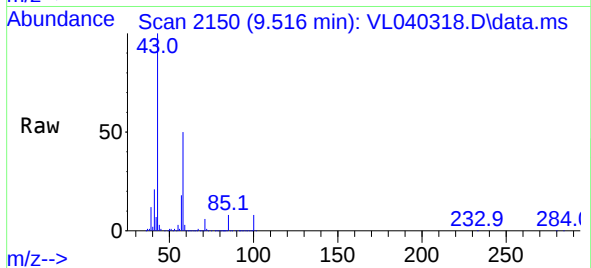


#51
2-Hexanone
Concen: 9.818 ppbv
RT: 9.516 min Scan# 2162
Delta R.T. -0.039 min
Lab File: VL040318.D
Acq: 10 Apr 2023 10:15

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 43 Resp: 1575842

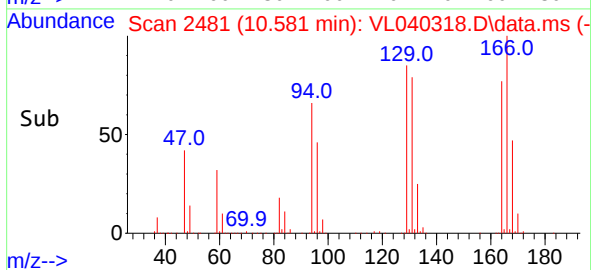
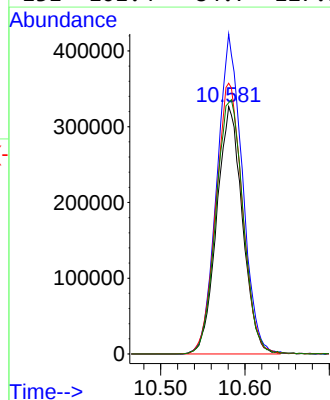
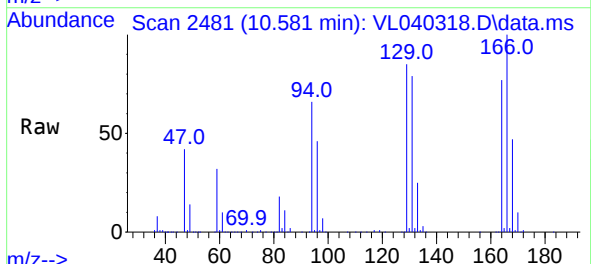
Ion	Ratio	Lower	Upper
43	100		
58	49.1	38.0	57.0
98	0.3	0.5	0.7

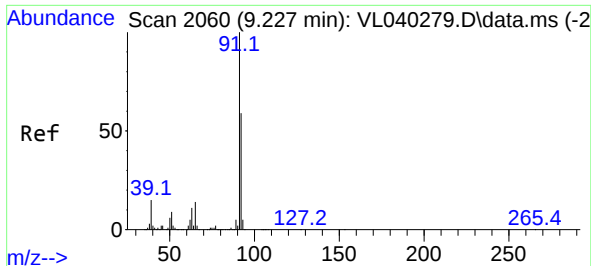


#52
Tetrachloroethene
Concen: 11.085 ppbv
RT: 10.581 min Scan# 2481
Delta R.T. -0.041 min
Lab File: VL040318.D
Acq: 10 Apr 2023 10:15

Tgt Ion: 164 Resp: 693292

Ion	Ratio	Lower	Upper
164	100		
166	129.3	101.8	152.6
129	109.3	90.2	135.2
131	101.4	84.7	127.1

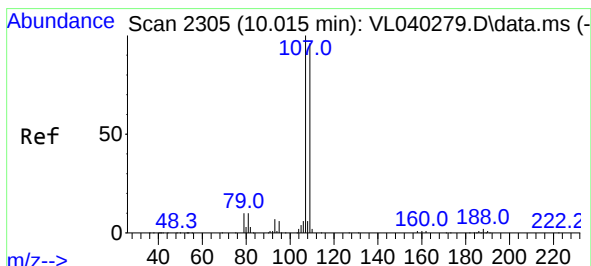
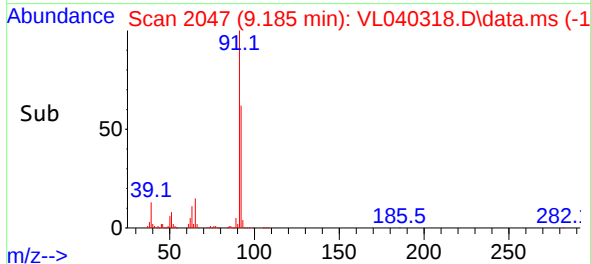
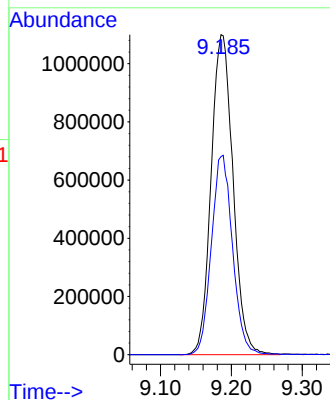
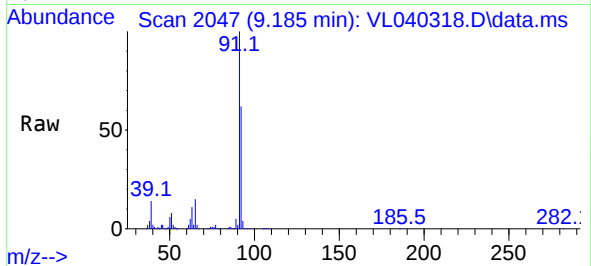




#53
Toluene
Concen: 10.889 ppbv
RT: 9.185 min Scan# 2060
Delta R.T. -0.042 min
Lab File: VL040318.D
Acq: 10 Apr 2023 10:15

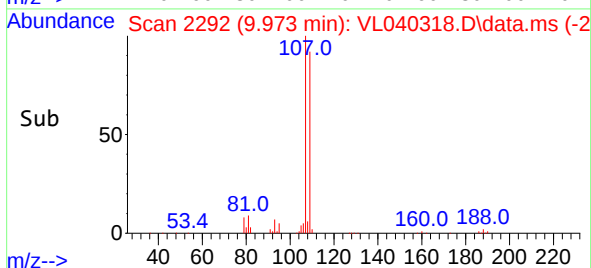
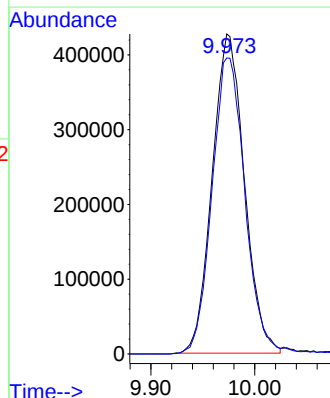
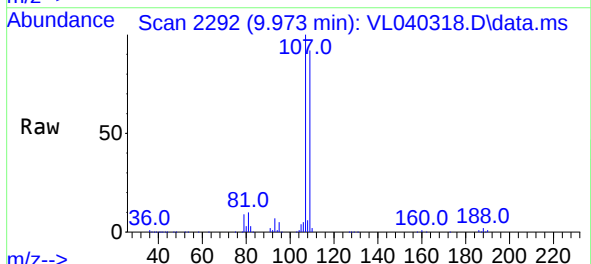
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

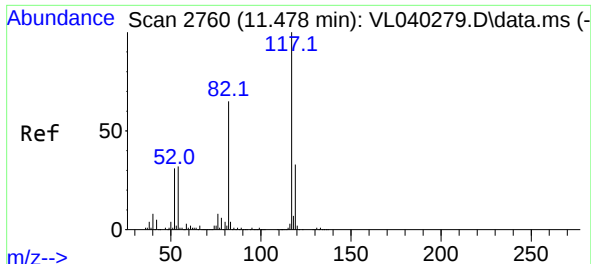
Tgt Ion: 91 Resp: 2359028
Ion Ratio Lower Upper
91 100
92 60.5 48.0 72.0



#54
1,2-Dibromoethane
Concen: 10.288 ppbv
RT: 9.973 min Scan# 2292
Delta R.T. -0.042 min
Lab File: VL040318.D
Acq: 10 Apr 2023 10:15

Tgt Ion: 107 Resp: 916454
Ion Ratio Lower Upper
107 100
109 92.3 77.0 115.6

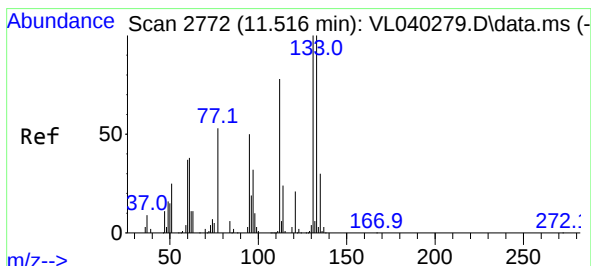
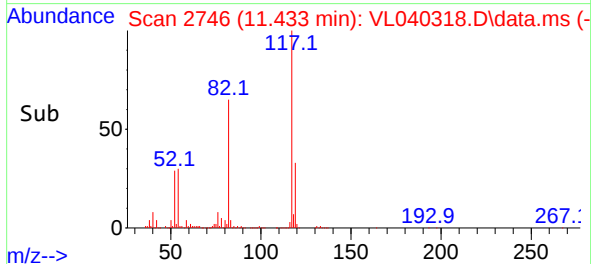
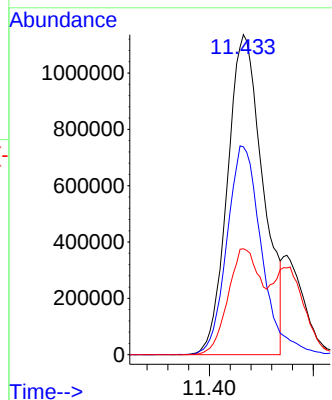
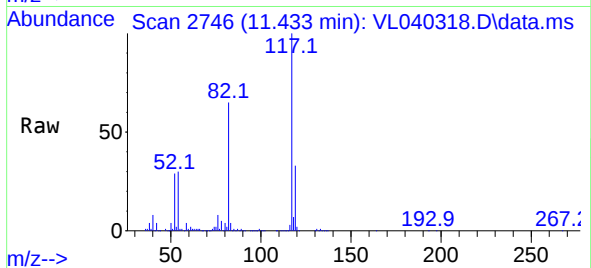




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.433 min Scan# 211
Delta R.T. -0.045 min
Lab File: VL040318.D
Acq: 10 Apr 2023 10:15

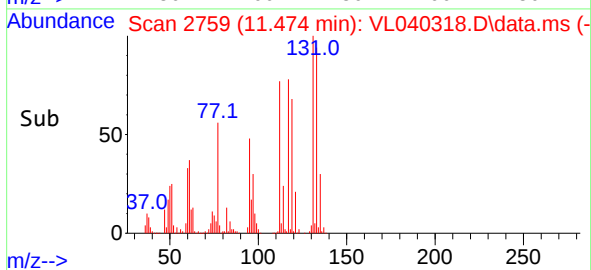
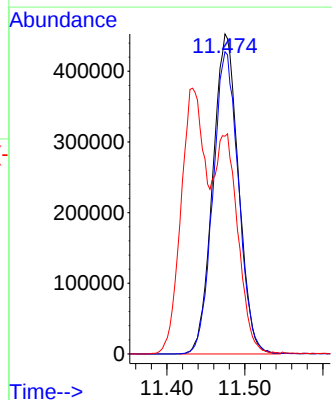
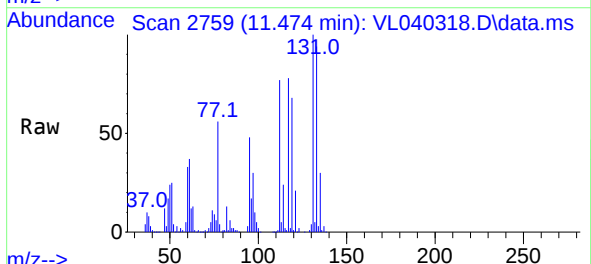
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

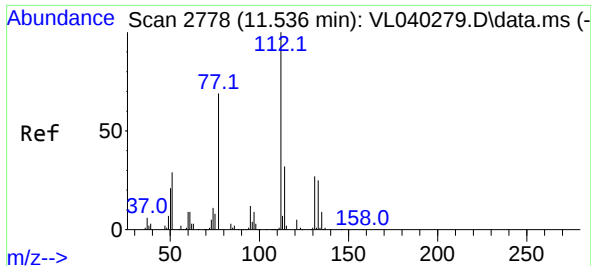
Tgt Ion:117 Resp: 2696163
Ion Ratio Lower Upper
117 100
82 64.2 51.4 77.2
119 32.4 24.0 36.0



#56
1,1,1,2-Tetrachloroethane
Concen: 9.148 ppbv
RT: 11.474 min Scan# 2759
Delta R.T. -0.042 min
Lab File: VL040318.D
Acq: 10 Apr 2023 10:15

Tgt Ion:131 Resp: 1037569
Ion Ratio Lower Upper
131 100
133 94.0 76.5 114.7
119 63.9 47.9 71.9

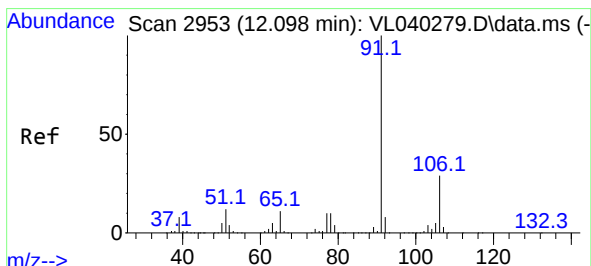
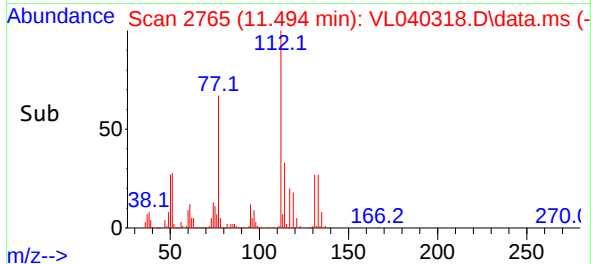
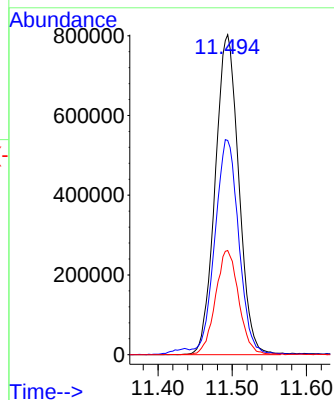
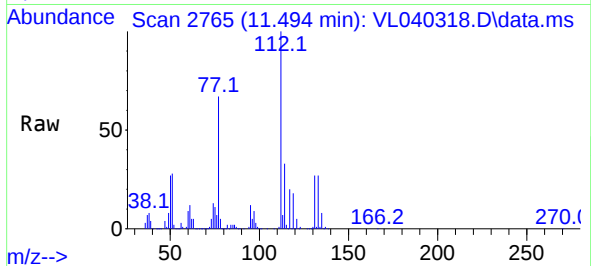




#57
Chlorobenzene
Concen: 9.237 ppbv
RT: 11.494 min Scan# 211
Delta R.T. -0.042 min
Lab File: VL040318.D
Acq: 10 Apr 2023 10:15

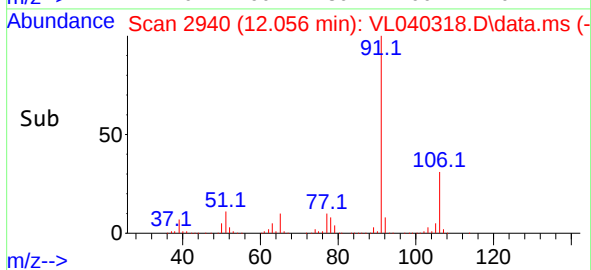
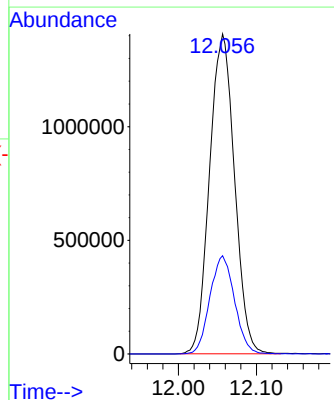
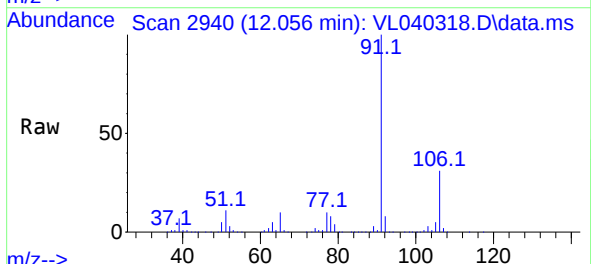
Instrument :
MSVOA_1
ClientSampleId :
VSTDCCC010

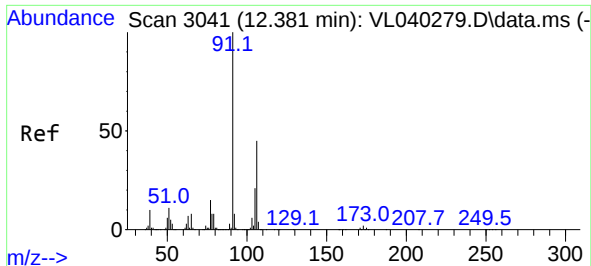
Tgt Ion:112 Resp: 1771527
Ion Ratio Lower Upper
112 100
77 66.7 56.2 84.2
114 32.5 29.0 35.4



#58
Ethyl Benzene
Concen: 10.205 ppbv
RT: 12.056 min Scan# 2940
Delta R.T. -0.042 min
Lab File: VL040318.D
Acq: 10 Apr 2023 10:15

Tgt Ion: 91 Resp: 3132936
Ion Ratio Lower Upper
91 100
106 30.7 23.4 35.2





#59

m/p-Xylene

Concen: 8.939 ppbv

RT: 12.339 min Scan# 3041

Delta R.T. -0.042 min

Lab File: VL040318.D

Acq: 10 Apr 2023 10:15

Instrument :

MSVOA_L

ClientSampleId :

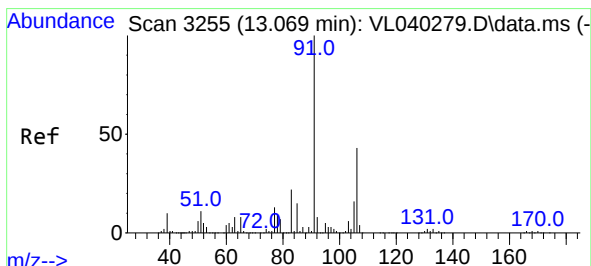
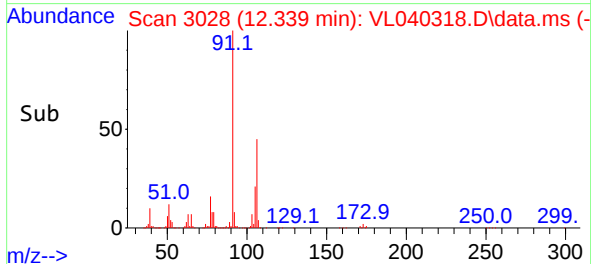
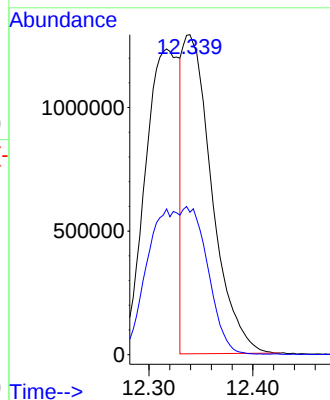
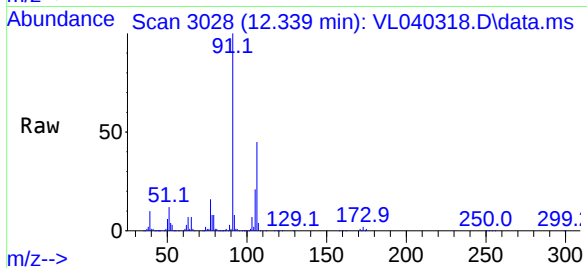
VSTDCCC010

Tgt Ion: 91 Resp: 2514050

Ion Ratio Lower Upper

91 100

106 92.8 34.0 51.0#



#60

o-Xylene

Concen: 9.498 ppbv

RT: 13.024 min Scan# 3241

Delta R.T. -0.045 min

Lab File: VL040318.D

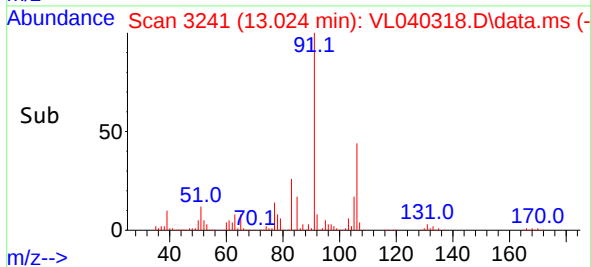
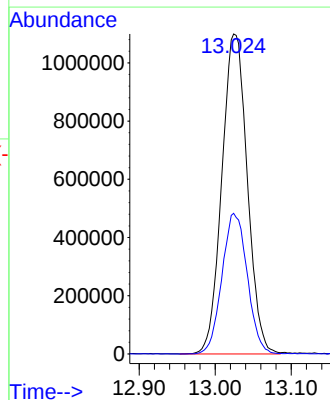
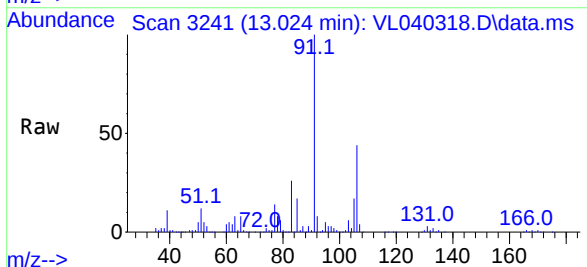
Acq: 10 Apr 2023 10:15

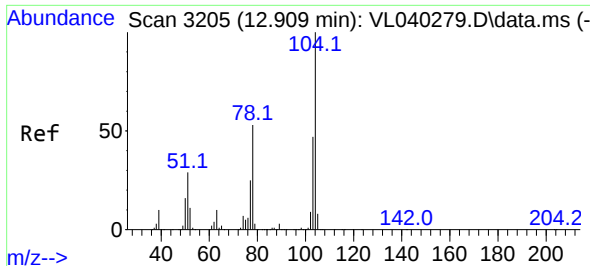
Tgt Ion: 91 Resp: 2553422

Ion Ratio Lower Upper

91 100

106 43.9 21.7 65.1

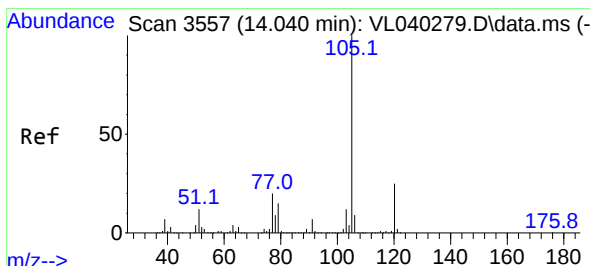
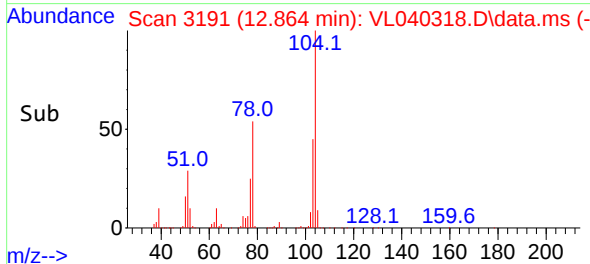
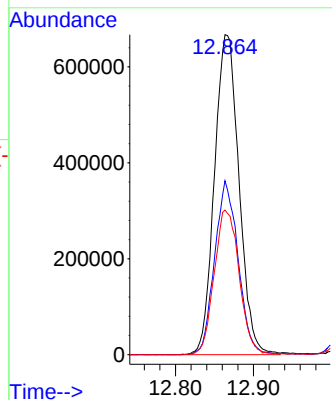
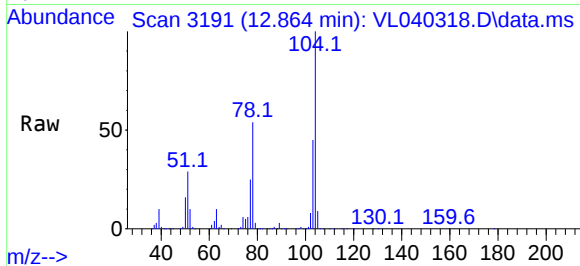




#61
Styrene
Concen: 10.702 ppbv
RT: 12.864 min Scan# 31
Delta R.T. -0.046 min
Lab File: VL040318.D
Acq: 10 Apr 2023 10:15

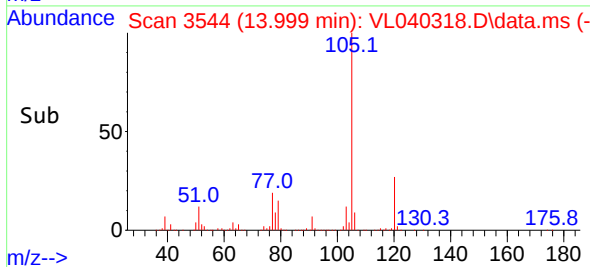
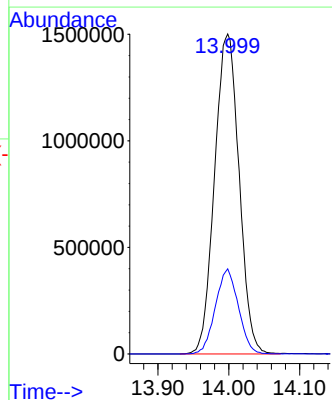
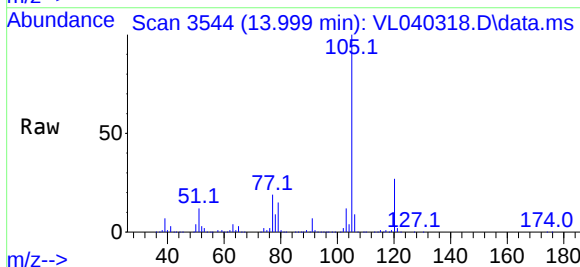
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

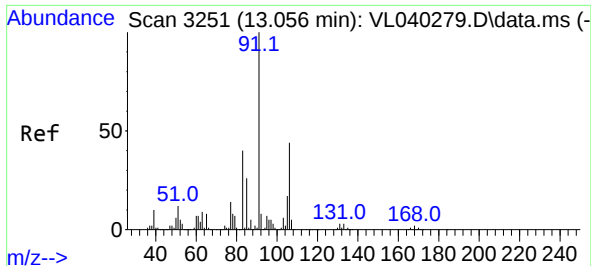
Tgt Ion:104 Resp: 1459995
Ion Ratio Lower Upper
104 100
78 52.4 43.7 65.5
103 46.3 37.4 56.2



#62
Isopropylbenzene
Concen: 9.404 ppbv
RT: 13.999 min Scan# 3544
Delta R.T. -0.041 min
Lab File: VL040318.D
Acq: 10 Apr 2023 10:15

Tgt Ion:105 Resp: 3600209
Ion Ratio Lower Upper
105 100
120 25.0 19.9 29.9

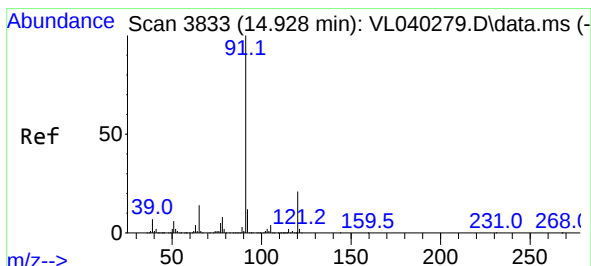
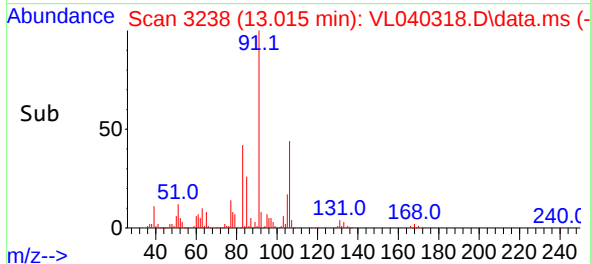
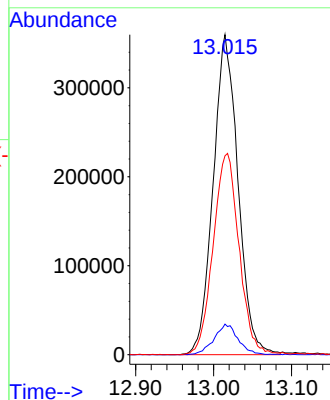
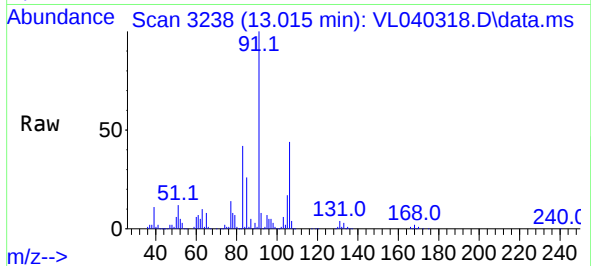




#63
1,1,2,2-Tetrachloroethane
Concen: 8.424 ppbv
RT: 13.015 min Scan# 311
Delta R.T. -0.041 min
Lab File: VL040318.D
Acq: 10 Apr 2023 10:15

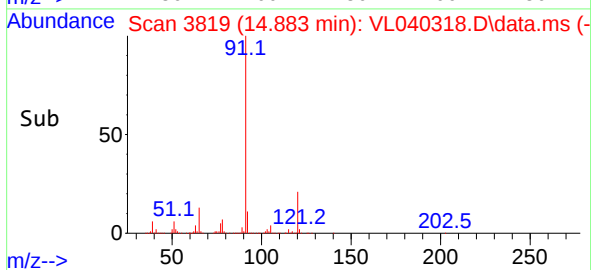
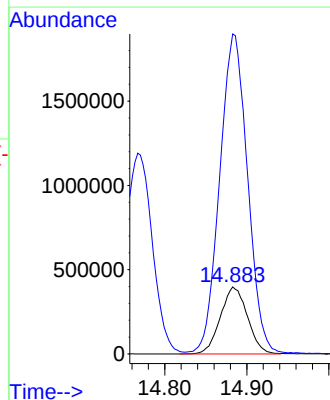
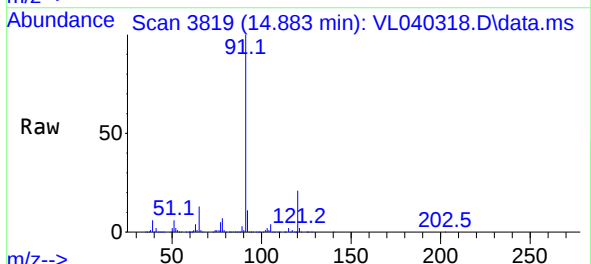
Instrument :
MSVOA_1
ClientSampleId :
VSTDCCC010

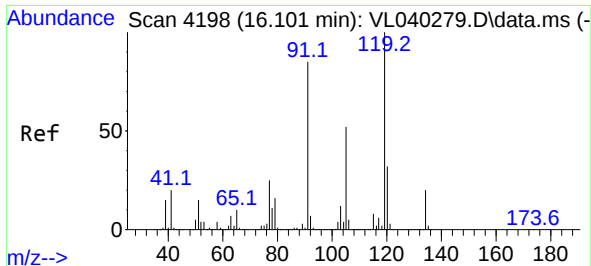
Tgt Ion: 83 Resp: 796947
Ion Ratio Lower Upper
83 100
131 9.3 4.3 12.9
85 66.0 32.7 98.1



#64
n-propylbenzene
Concen: 9.728 ppbv
RT: 14.883 min Scan# 3819
Delta R.T. -0.045 min
Lab File: VL040318.D
Acq: 10 Apr 2023 10:15

Tgt Ion: 120 Resp: 911446
Ion Ratio Lower Upper
120 100
91 493.5 399.0 598.6

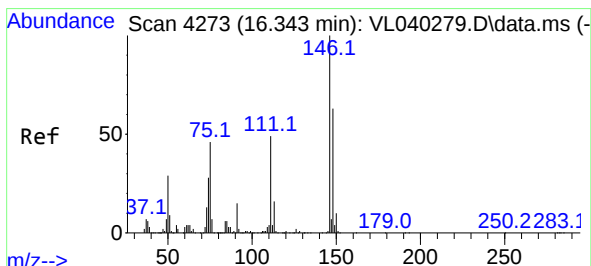
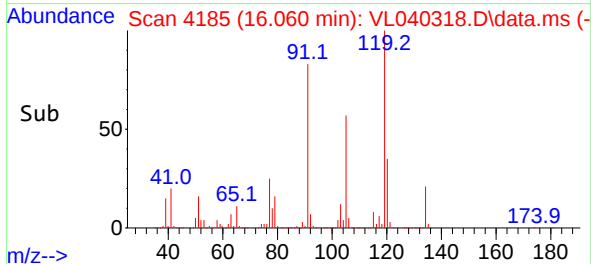
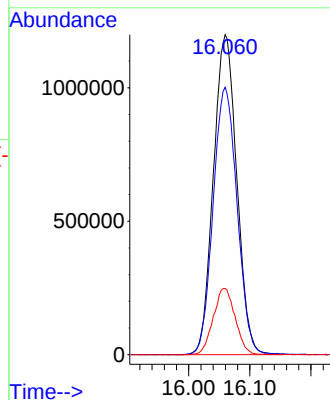
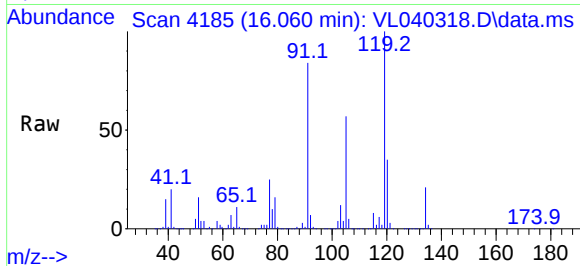




#65
tert-Butylbenzene
Concen: 9.656 ppbv
RT: 16.060 min Scan# 4198
Delta R.T. -0.041 min
Lab File: VL040318.D
Acq: 10 Apr 2023 10:15

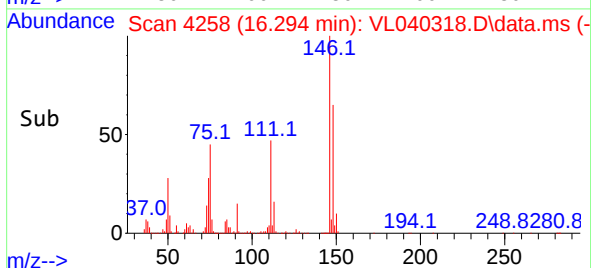
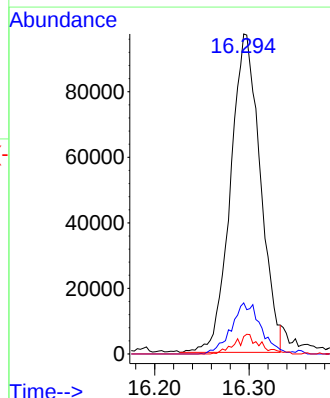
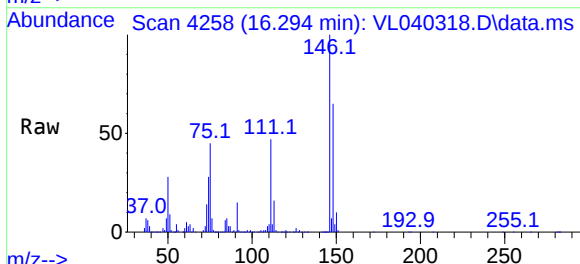
Instrument :
MSVOA_1
ClientSampleId :
VSTDCCC010

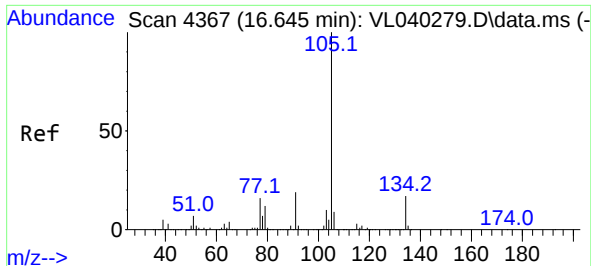
Tgt Ion:119 Resp: 3185760
Ion Ratio Lower Upper
119 100
91 85.7 69.4 104.2
134 19.5 15.8 23.6



#66
Benzyl Chloride
Concen: 9.920 ppbv
RT: 16.294 min Scan# 4258
Delta R.T. -0.049 min
Lab File: VL040318.D
Acq: 10 Apr 2023 10:15

Tgt Ion: 91 Resp: 212707
Ion Ratio Lower Upper
91 100
126 16.2 12.1 18.1
128 5.3 3.8 5.6

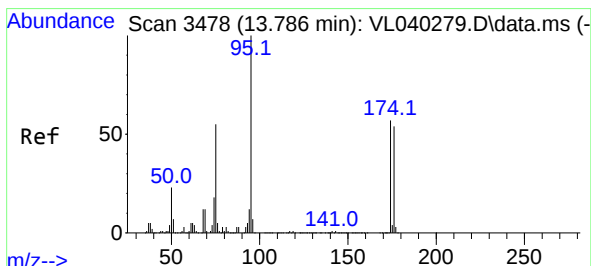
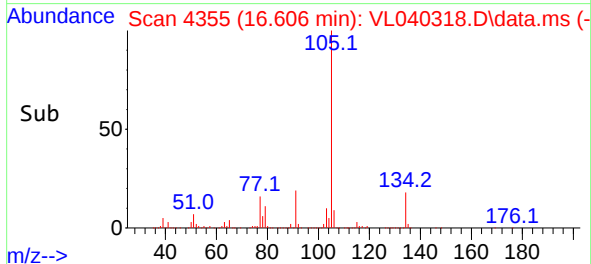
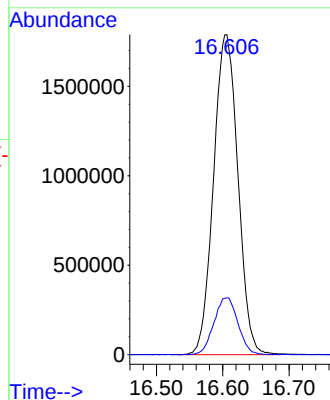
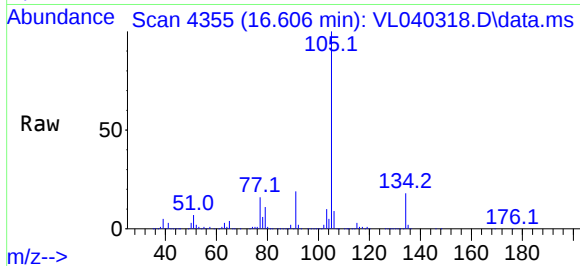




#67
 sec-Butylbenzene
 Concen: 9.669 ppbv
 RT: 16.606 min Scan# 41
 Delta R.T. -0.039 min
 Lab File: VL040318.D
 Acq: 10 Apr 2023 10:15

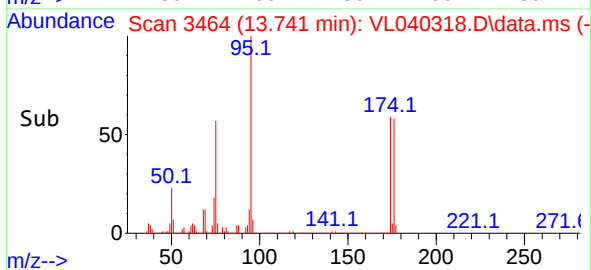
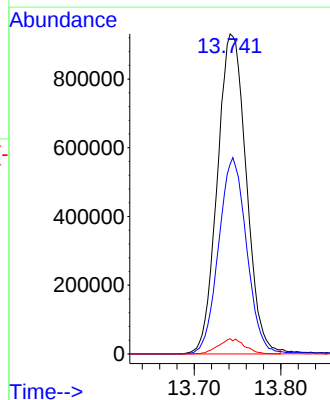
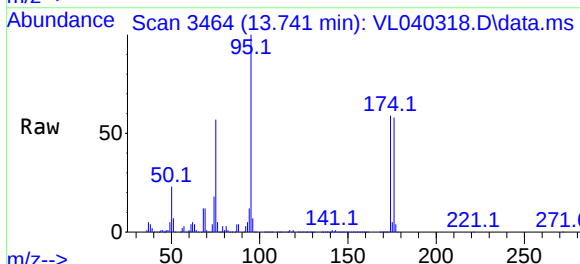
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDCCC010

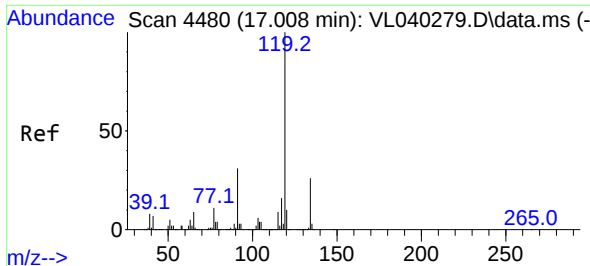
Tgt Ion:105 Resp: 4562337
 Ion Ratio Lower Upper
 105 100
 134 17.6 14.0 21.0



#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.552 ppbv
 RT: 13.741 min Scan# 3464
 Delta R.T. -0.045 min
 Lab File: VL040318.D
 Acq: 10 Apr 2023 10:15

Tgt Ion: 95 Resp: 2156717
 Ion Ratio Lower Upper
 95 100
 174 60.3 47.0 70.6
 175 4.3 3.4 5.2

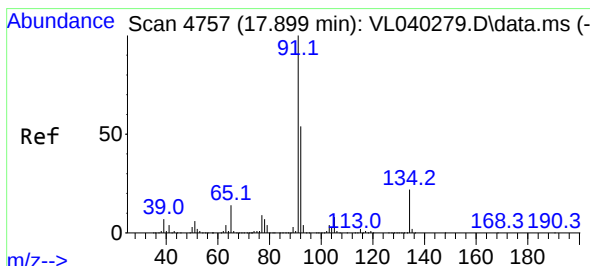
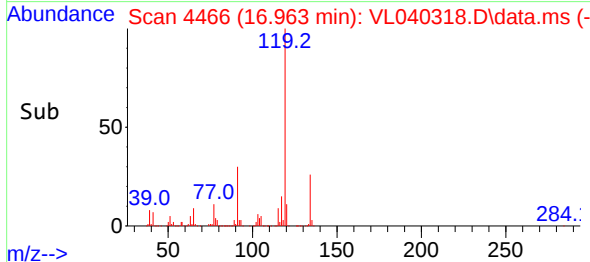
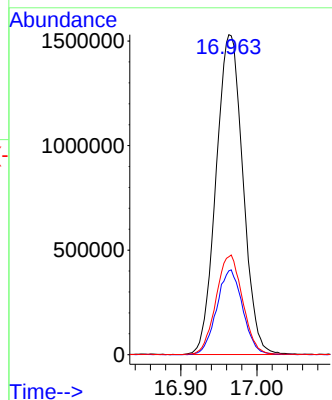
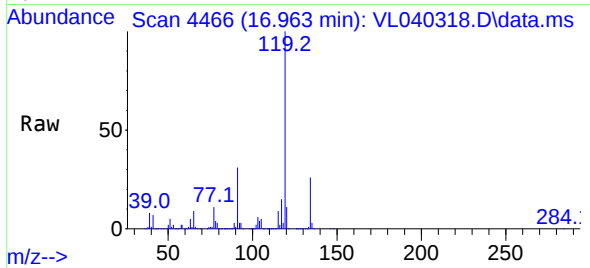




#69
 p-Isopropyltoluene
 Concen: 10.203 ppbv
 RT: 16.963 min Scan# 4466
 Delta R.T. -0.045 min
 Lab File: VL040318.D
 Acq: 10 Apr 2023 10:15

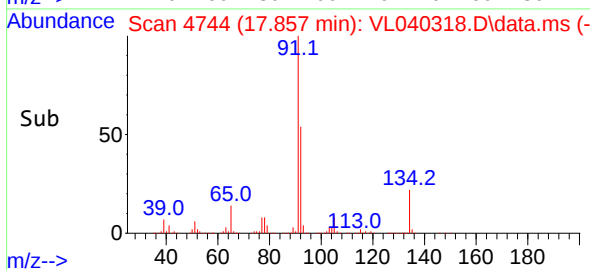
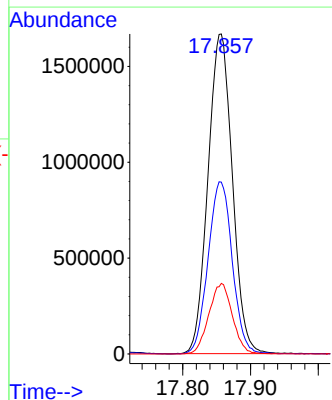
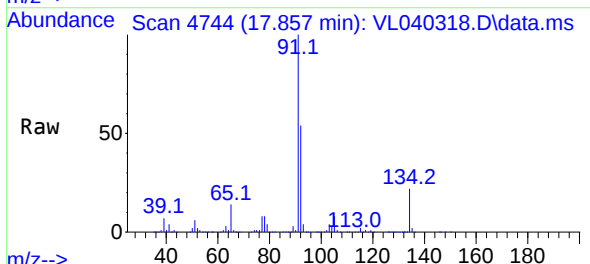
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

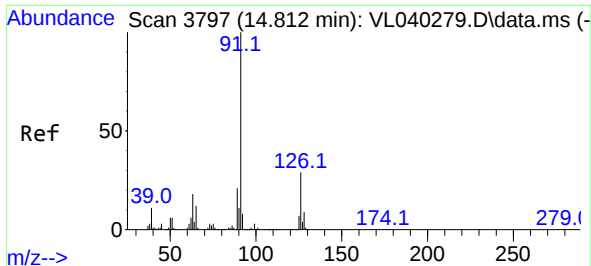
Tgt Ion:119 Resp: 3749220
 Ion Ratio Lower Upper
 119 100
 134 25.8 20.2 30.2
 91 30.8 25.1 37.7



#70
 n-Butylbenzene
 Concen: 10.284 ppbv
 RT: 17.857 min Scan# 4744
 Delta R.T. -0.042 min
 Lab File: VL040318.D
 Acq: 10 Apr 2023 10:15

Tgt Ion: 91 Resp: 4163400
 Ion Ratio Lower Upper
 91 100
 92 53.8 42.9 64.3
 134 21.4 16.8 25.2

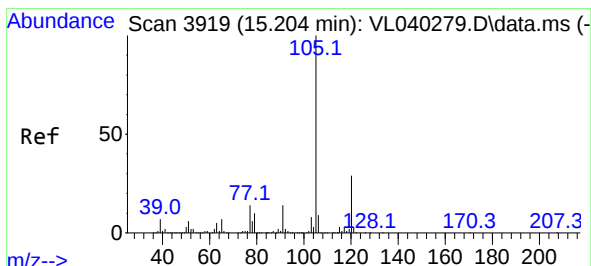
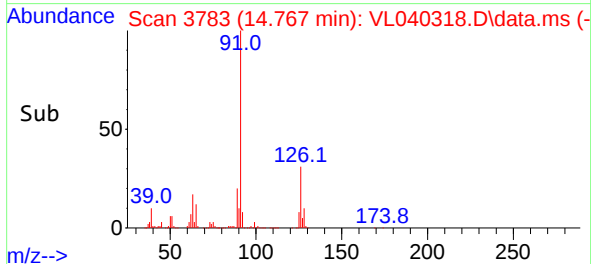
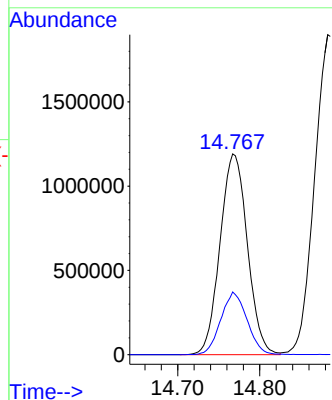
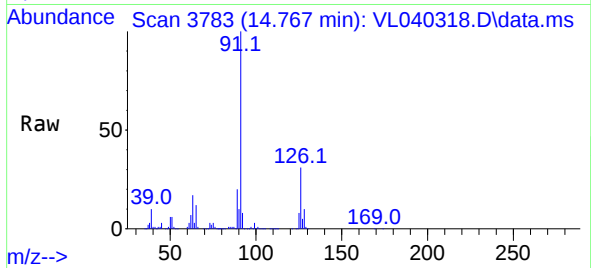




#71
2-Chlorotoluene
Concen: 9.482 ppbv
RT: 14.767 min Scan# 31
Delta R.T. -0.045 min
Lab File: VL040318.D
Acq: 10 Apr 2023 10:15

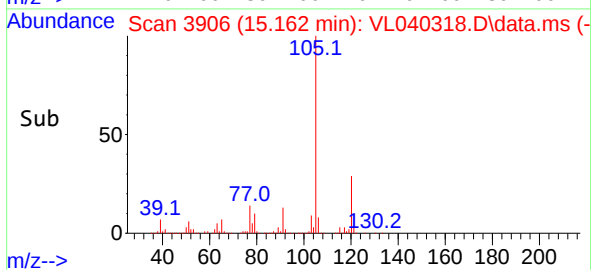
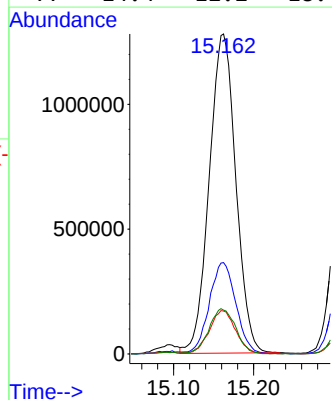
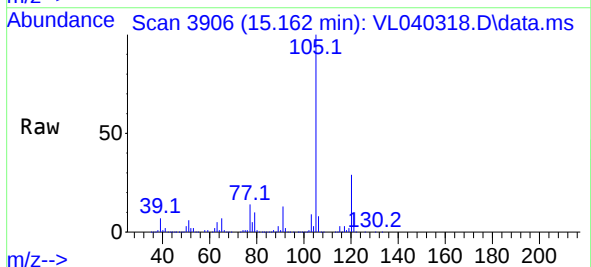
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

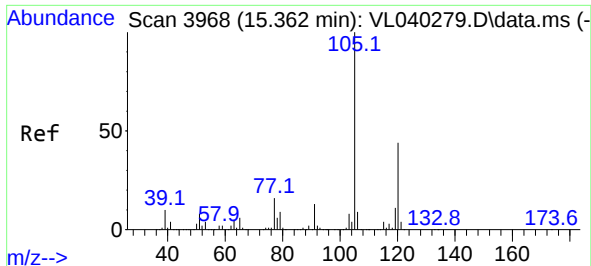
Tgt Ion: 91 Resp: 2763002
Ion Ratio Lower Upper
91 100
126 30.0 11.8 47.4



#72
4-Ethyltoluene
Concen: 10.040 ppbv
RT: 15.162 min Scan# 3906
Delta R.T. -0.042 min
Lab File: VL040318.D
Acq: 10 Apr 2023 10:15

Tgt Ion:105 Resp: 2951024
Ion Ratio Lower Upper
105 100
120 29.7 23.7 35.5
91 13.5 11.6 17.4
77 14.4 12.2 18.4

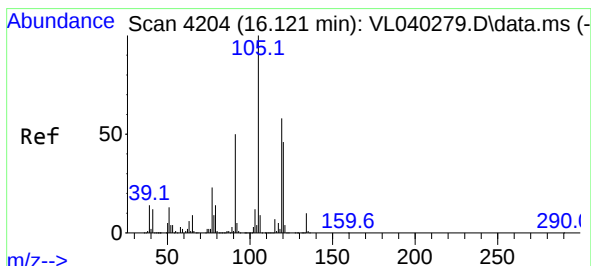
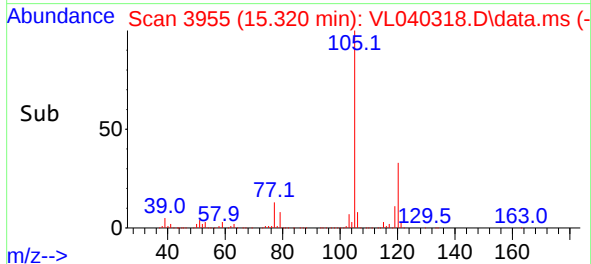
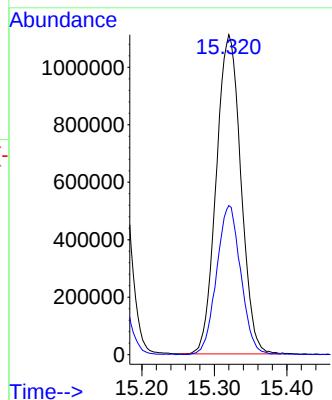
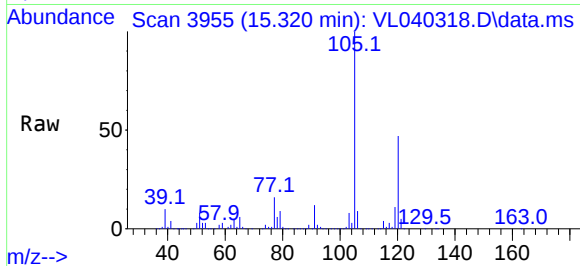




#73
 1,3,5-Trimethylbenzene
 Concen: 9.838 ppbv
 RT: 15.320 min Scan# 3968
 Delta R.T. -0.042 min
 Lab File: VL040318.D
 Acq: 10 Apr 2023 10:15

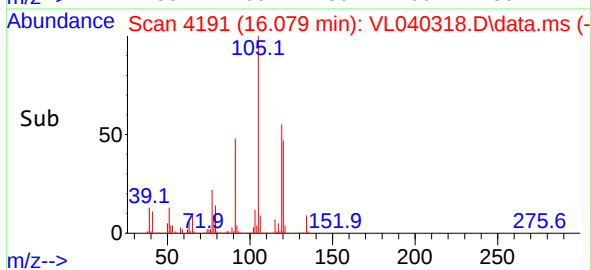
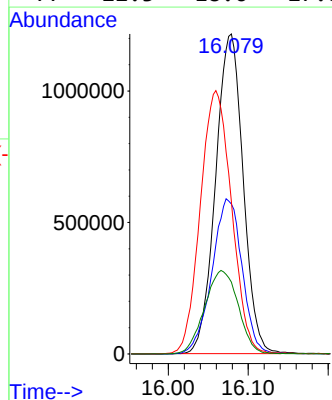
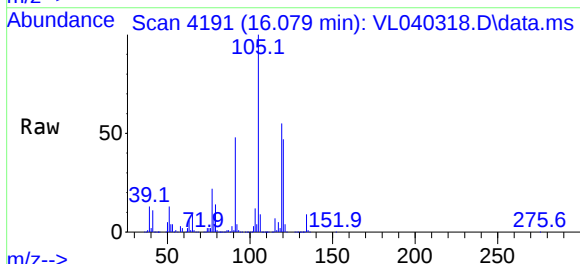
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

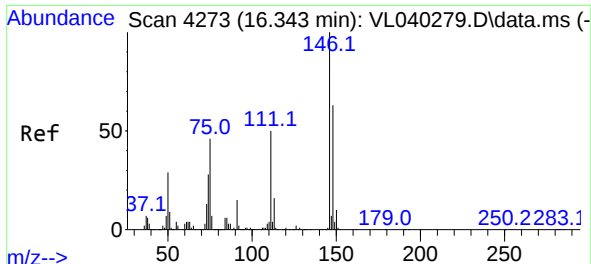
Tgt Ion:105 Resp: 2619284
 Ion Ratio Lower Upper
 105 100
 120 46.6 34.9 52.3



#74
 1,2,4-Trimethylbenzene
 Concen: 9.584 ppbv
 RT: 16.079 min Scan# 4191
 Delta R.T. -0.042 min
 Lab File: VL040318.D
 Acq: 10 Apr 2023 10:15

Tgt Ion:105 Resp: 2909896
 Ion Ratio Lower Upper
 105 100
 120 46.6 36.6 54.8
 91 47.4 39.9 59.9
 77 22.3 18.6 27.8





#75

1,3-Dichlorobenzene

Concen: 9.910 ppbv

RT: 16.297 min Scan# 41

Delta R.T. -0.046 min

Lab File: VL040318.D

Acq: 10 Apr 2023 10:15

Instrument :

MSVOA_1

ClientSampleId :

VSTDCCC010

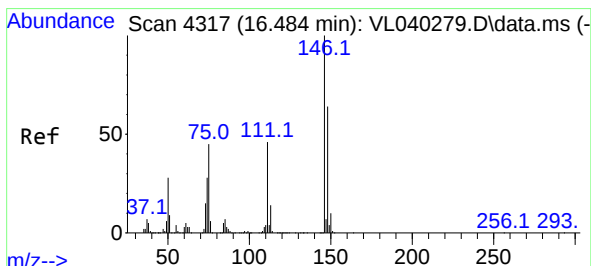
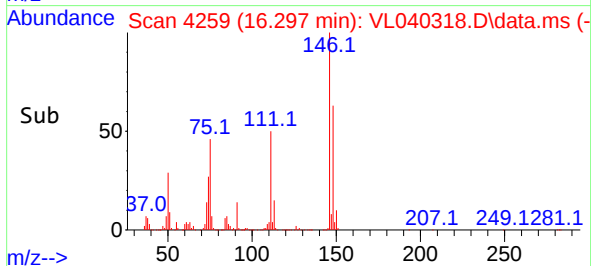
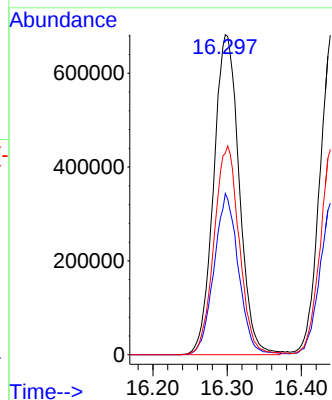
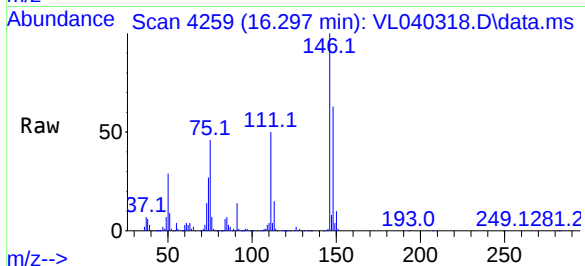
Tgt Ion:146 Resp: 1629737

Ion Ratio Lower Upper

146 100

111 48.3 24.3 73.0

148 64.5 31.9 95.5



#76

1,4-Dichlorobenzene

Concen: 10.137 ppbv

RT: 16.442 min Scan# 4304

Delta R.T. -0.042 min

Lab File: VL040318.D

Acq: 10 Apr 2023 10:15

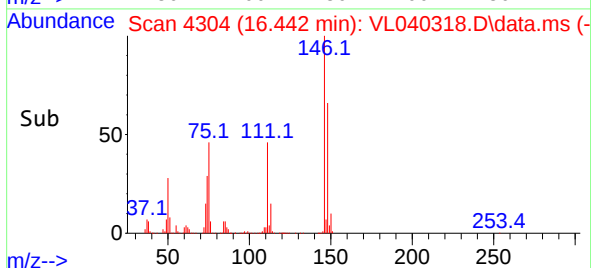
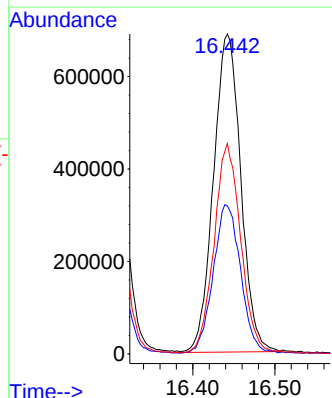
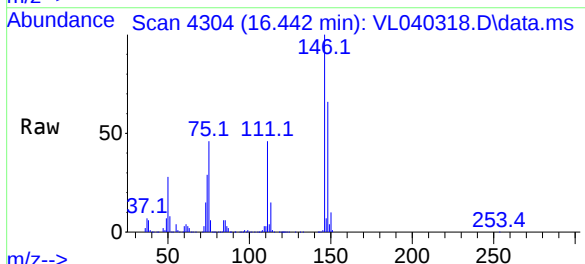
Tgt Ion:146 Resp: 1589905

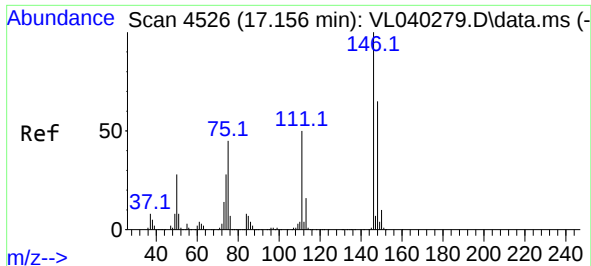
Ion Ratio Lower Upper

146 100

111 47.7 23.8 71.2

148 65.4 32.5 97.5

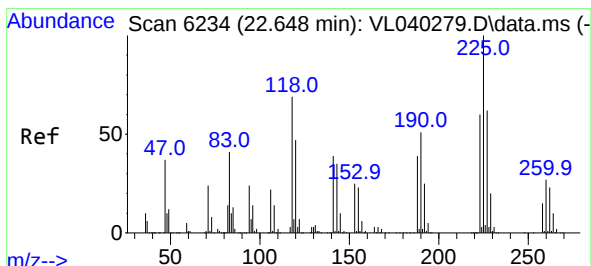
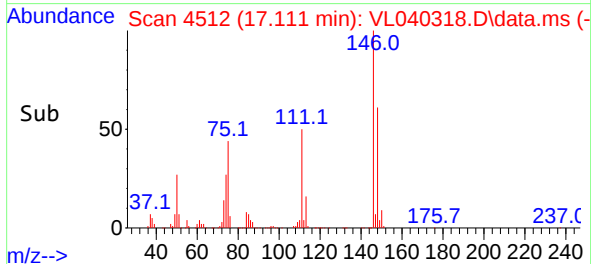
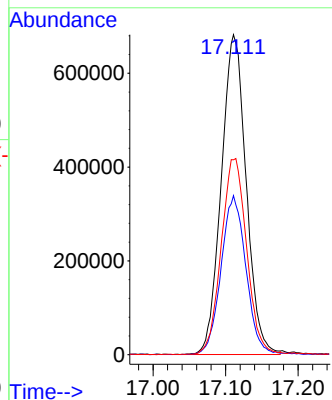
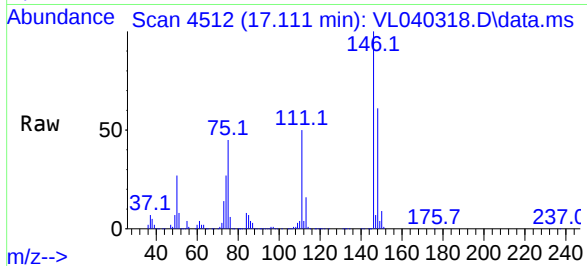




#77
1,2-Dichlorobenzene
Concen: 10.282 ppbv
RT: 17.111 min Scan# 41
Delta R.T. -0.045 min
Lab File: VL040318.D
Acq: 10 Apr 2023 10:15

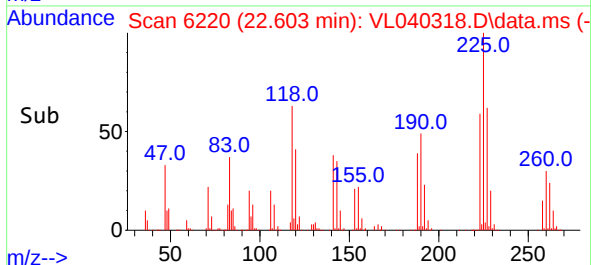
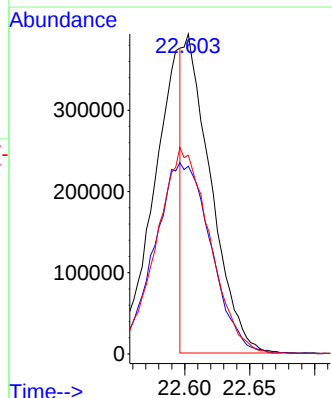
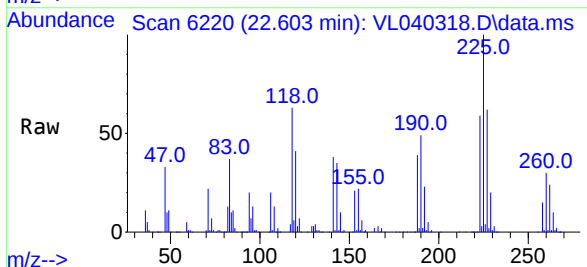
Instrument :
MSVOA_1
ClientSampleId :
VSTDCCC010

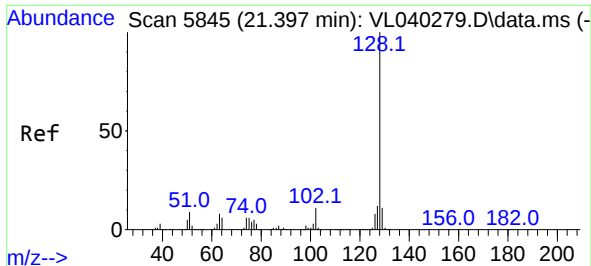
Tgt Ion:146 Resp: 1625310
Ion Ratio Lower Upper
146 100
111 49.9 25.2 75.6
148 63.2 32.1 96.3



#78
Hexachloro-1,3-Butadiene
Concen: 5.086 ppbv
RT: 22.603 min Scan# 6220
Delta R.T. -0.045 min
Lab File: VL040318.D
Acq: 10 Apr 2023 10:15

Tgt Ion:225 Resp: 589544
Ion Ratio Lower Upper
225 100
223 122.5 51.0 76.6#
227 124.2 51.4 77.2#

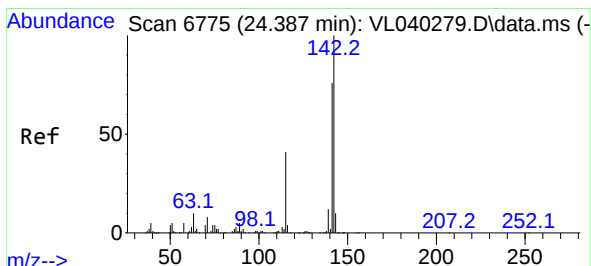
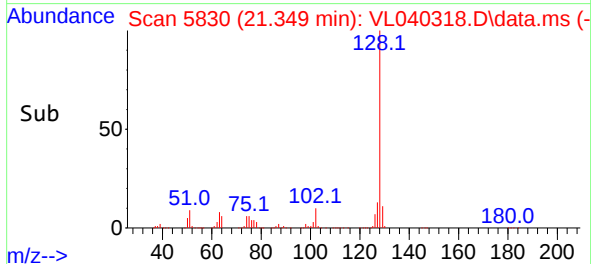
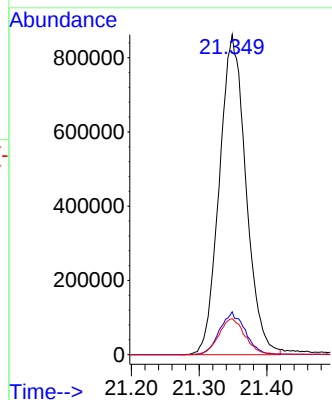
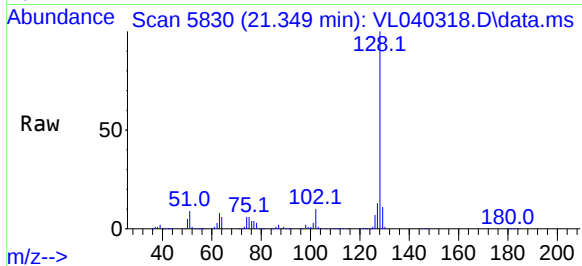




#79
Naphthalene
Concen: 13.059 ppbv
RT: 21.349 min Scan# 51
Delta R.T. -0.048 min
Lab File: VL040318.D
Acq: 10 Apr 2023 10:15

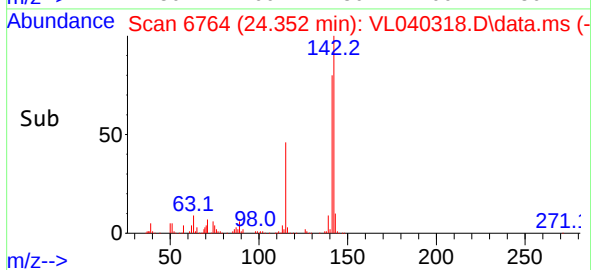
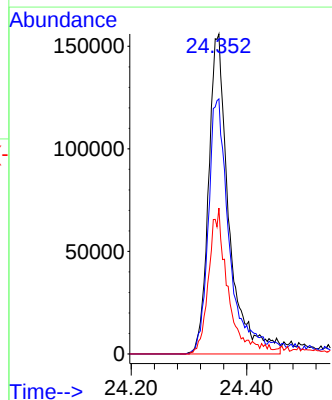
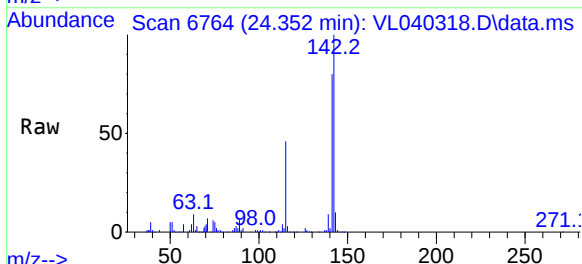
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

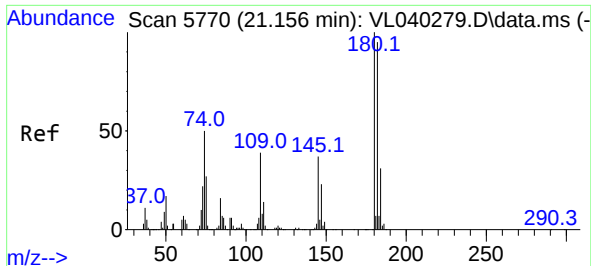
Tgt Ion:128 Resp: 2345699
Ion Ratio Lower Upper
128 100
127 13.4 9.6 14.4
129 11.2 8.6 13.0



#80
Naphthalene,2-methyl-
Concen: 8.407 ppbv
RT: 24.352 min Scan# 6764
Delta R.T. -0.035 min
Lab File: VL040318.D
Acq: 10 Apr 2023 10:15

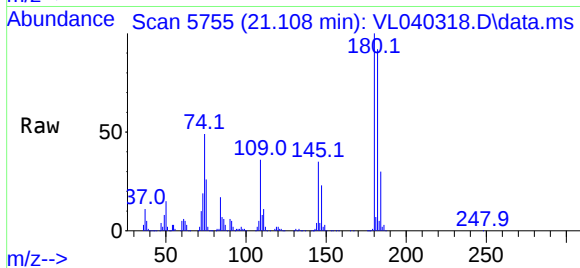
Tgt Ion:142 Resp: 382458
Ion Ratio Lower Upper
142 100
141 84.1 65.5 98.3
115 44.8 33.5 50.3





#81
 1,2,4-Trichlorobenzene
 Concen: 11.182 ppbv
 RT: 21.108 min Scan# 51
 Delta R.T. -0.048 min
 Lab File: VL040318.D
 Acq: 10 Apr 2023 10:15

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



Tgt Ion:180 Resp: 1237120

Ion	Ratio	Lower	Upper
180	100		
182	96.6	76.1	114.1
184	30.7	24.4	36.6

