

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL121922\Not Reviewed Data\
 Data File : VL040048.D
 Acq On : 20 Dec 2022 8:13
 Operator : SY/MD
 Sample : VSTDC0010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDC0010EC

Quant Time: Dec 22 13:09:11 2022

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL121922AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022

QLast Update : Tue Dec 20 04:50:21 2022

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.163	49	923862	10.000	ppbv	-0.01
33) 1,4-Difluorobenzene	6.623	114	2769044	10.000	ppbv	-0.01
55) Chlorobenzene-d5	11.439	117	3208523	10.000	ppbv	#-0.01

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	13.748	95	1929852	7.874	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	78.700%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.703	85	1349065	7.801	ppbv	100
3) Chlorodifluoromethane	2.648	51	1148679	8.427	ppbv	99
4) Chloromethane	2.787	50	670853	7.855	ppbv	99
5) Vinyl Chloride	2.893	62	623865	9.028	ppbv	99
6) Bromomethane	3.092	94	258989	10.200	ppbv	92
7) Chloroethane	3.173	64	220007	8.438	ppbv	95
8) Dichlorotetrafluoroethane	2.832	85	1481551	8.143	ppbv	98
9) Propene	2.668	41	518739	8.967	ppbv	100
10) Heptane	7.549	43	1254180	8.883	ppbv	100
11) Trichlorofluoromethane	3.533	101	1543118	8.212	ppbv	99
12) 1,1,2-Trichlorotrifluo...	4.037	101	1160689	8.156	ppbv	96
13) Ethanol	3.208	45	13261	2.436	ppbv #	1
14) Bromoethene	3.340	108	465127	8.679	ppbv	98
15) Acetone	3.439	43	1179673	8.254	ppbv	97
16) 1,3-Butadiene	2.957	39	550882	8.868	ppbv	99
17) tert-Butyl alcohol	3.848	59	1283604	9.110	ppbv	100
18) 1,1-Dichloroethene	3.851	96	509928	8.232	ppbv	94
19) Isopropyl Alcohol	3.546	45	569743	8.089	ppbv	100
20) Methylene Chloride	3.902	84	450048	7.408	ppbv	96
21) Allyl Chloride	3.967	41	766751	8.928	ppbv	98
22) trans-1,2-Dichloroethene	4.417	96	532581	8.626	ppbv	97
23) Vinyl Acetate	4.591	43	215649	4.760	ppbv	99
24) 1,1-Dichloroethane	4.533	63	1117973	8.402	ppbv	99
25) Ethyl Acetate	5.172	43	2335763	9.437	ppbv	99
26) Hexane	5.182	57	895048	8.604	ppbv	90
27) Carbon Disulfide	4.095	76	1255980	9.572	ppbv	98
28) Methyl tert-Butyl Ether	4.555	73	1059677	8.643	ppbv	99
29) Chloroform	5.243	83	1287541	8.111	ppbv	97
30) Cyclohexane	6.571	84	865920	9.399	ppbv	96
31) cis-1,2-Dichloroethene	5.047	61	851713	8.597	ppbv	99
32) 1,1,1-Trichloroethane	5.973	97	1559146	9.174	ppbv	99
34) 2-Butanone	4.754	43	1261476	8.398	ppbv	100
35) Carbon Tetrachloride	6.462	117	1596812	9.284	ppbv	100
36) Benzene	6.340	78	2114219	8.549	ppbv	99
37) 1,2-Dichloroethane	5.774	62	1169131	8.059	ppbv	100
38) Trichloroethene	7.259	130	976917	7.687	ppbv	97
39) 1,2-Dichloropropane	7.044	63	800999	8.641	ppbv	92
40) 1,4-Dioxane	7.259	88	346376	8.291	ppbv	94
41) Tetrahydrofuran	5.526	42	823112	8.778	ppbv	99
42) Bromodichloromethane	7.217	83	1729016	8.700	ppbv	95
43) Methyl Methacrylate	7.442	69	871429	9.389	ppbv	99
44) 2,2,4-Trimethylpentane	7.295	57	3459841	8.498	ppbv	99
45) t-1,3-Dichloropropene	8.680	75	695974	8.872	ppbv	100

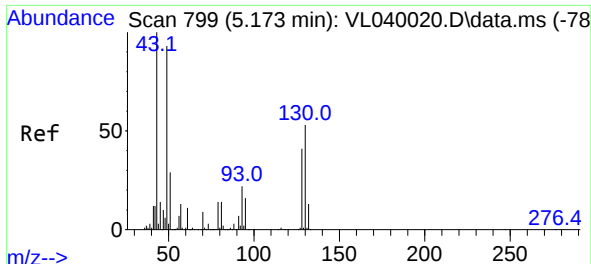
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL121922\Not Reviewed Data\
 Data File : VL040048.D
 Acq On : 20 Dec 2022 8:13
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Quant Time: Dec 22 13:09:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL121922AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Dec 20 04:50:21 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.111	75	975821	8.820	ppbv	100
47) 1,1,2-Trichloroethane	8.867	97	872388	8.594	ppbv	98
48) Dibromochloromethane	9.677	129	1426071	9.237	ppbv	100
49) Bromoform	12.378	173	1143014	9.705	ppbv	99
50) 4-Methyl-2-Pentanone	8.150	43	2115162	8.619	ppbv	98
51) 2-Hexanone	9.523	43	1640047	8.591	ppbv	99
52) Tetrachloroethene	10.584	164	708266	8.424	ppbv	97
53) Toluene	9.192	91	2390938	8.732	ppbv	100
54) 1,2-Dibromoethane	9.979	107	1100175	10.064	ppbv	96
56) 1,1,1,2-Tetrachloroethane	11.481	131	1074059	7.257	ppbv	99
57) Chlorobenzene	11.497	112	1796102	6.594	ppbv	99
58) Ethyl Benzene	12.060	91	3205526	7.032	ppbv	97
59) m/p-Xylene	12.343	91	2316250	5.832	ppbv #	32
60) o-Xylene	13.031	91	2542455	6.682	ppbv	99
61) Styrene	12.870	104	1486477	7.284	ppbv	99
62) Isopropylbenzene	14.002	105	3873910	7.062	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.018	83	1416175	10.152	ppbv	98
64) n-propylbenzene	14.889	120	999686	7.215	ppbv	95
65) tert-Butylbenzene	16.063	119	3362524	7.054	ppbv	98
66) Benzyl Chloride	16.301	91	85062	3.060	ppbv #	72
67) sec-Butylbenzene	16.609	105	4691514	7.023	ppbv	100
69) p-Isopropyltoluene	16.969	119	3742787	7.014	ppbv	99
70) n-Butylbenzene	17.860	91	3872414	6.926	ppbv	99
71) 2-Chlorotoluene	14.773	91	2877121	6.875	ppbv	99
72) 4-Ethyltoluene	15.162	105	2914045	6.898	ppbv	100
73) 1,3,5-Trimethylbenzene	15.323	105	2576736	6.763	ppbv	98
74) 1,2,4-Trimethylbenzene	16.082	105	2752017	6.553	ppbv	97
75) 1,3-Dichlorobenzene	16.304	146	1483603	6.456	ppbv	99
76) 1,4-Dichlorobenzene	16.445	146	1442522	6.430	ppbv	100
77) 1,2-Dichlorobenzene	17.117	146	1454597	6.600	ppbv	99
78) Hexachloro-1,3-Butadiene	22.599	225	506824	3.315	ppbv #	100
79) Naphthalene	21.358	128	1799037	7.189	ppbv	97
80) Naphthalene,2-methyl-	24.358	142	361705	4.724	ppbv	96
81) 1,2,4-Trichlorobenzene	21.108	180	943870	6.350	ppbv	99

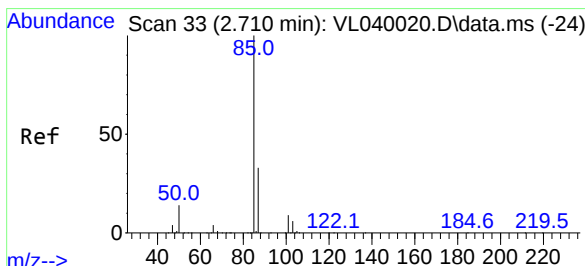
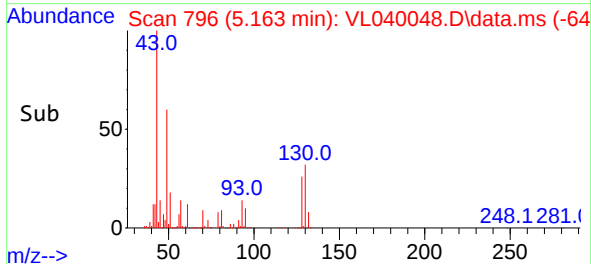
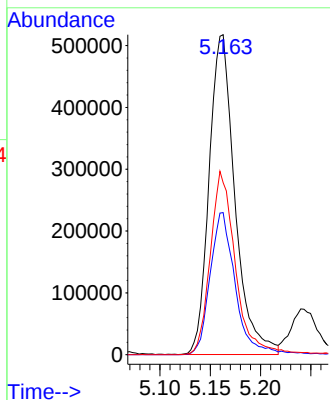
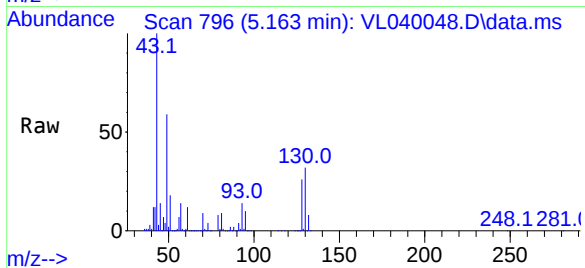
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.163 min Scan# 799
Delta R.T. -0.010 min
Lab File: VL040048.D
Acq: 20 Dec 2022 8:13

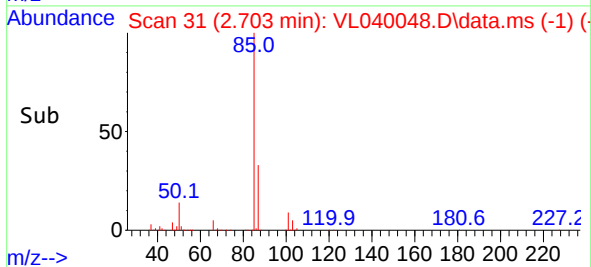
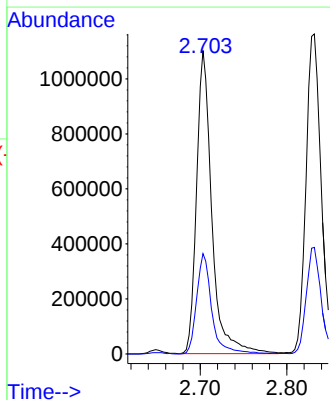
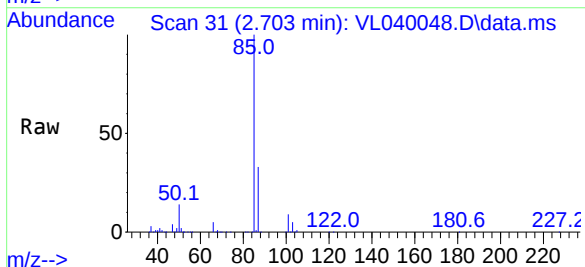
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

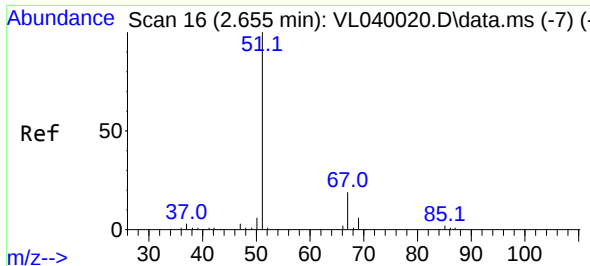
Tgt Ion: 49 Resp: 923862
Ion Ratio Lower Upper
49 100
128 44.0 22.4 67.3
130 56.9 28.9 86.8



#2
Dichlorodifluoromethane
Concen: 7.801 ppbv
RT: 2.703 min Scan# 31
Delta R.T. -0.006 min
Lab File: VL040048.D
Acq: 20 Dec 2022 8:13

Tgt Ion: 85 Resp: 1349065
Ion Ratio Lower Upper
85 100
87 33.1 26.6 40.0

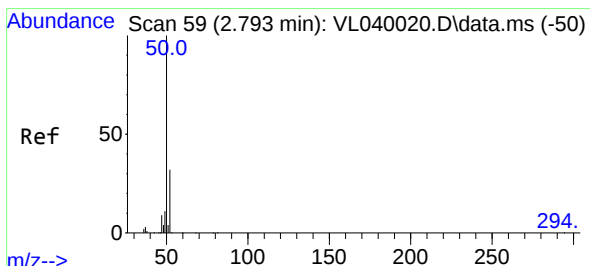
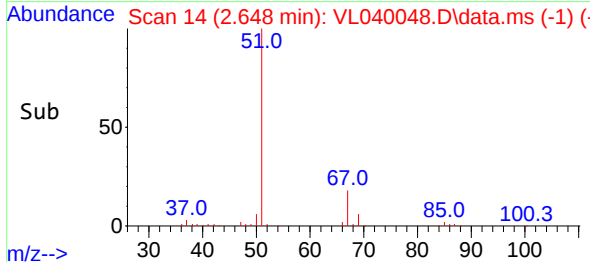
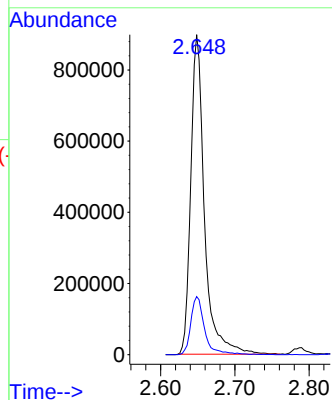
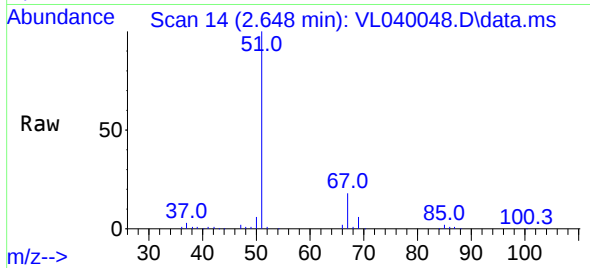




#3
Chlorodifluoromethane
Concen: 8.427 ppbv
RT: 2.648 min Scan# 14
Delta R.T. -0.006 min
Lab File: VL040048.D
Acq: 20 Dec 2022 8:13

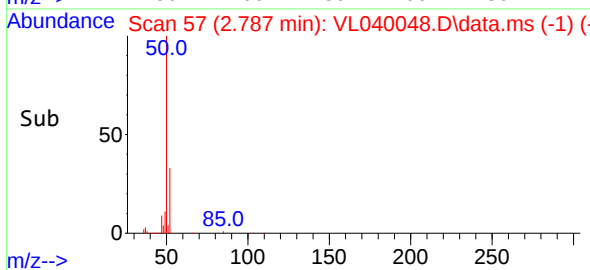
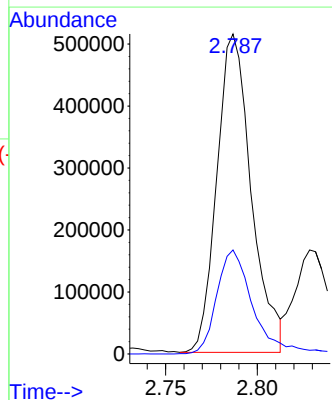
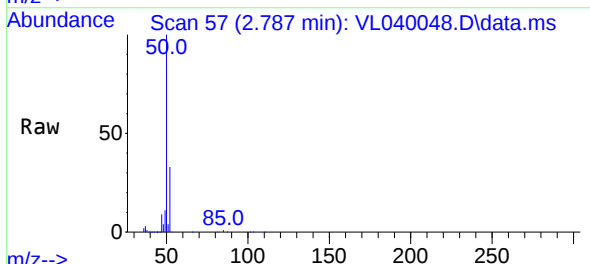
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 51 Resp: 1148679
Ion Ratio Lower Upper
51 100
67 18.5 15.3 22.9

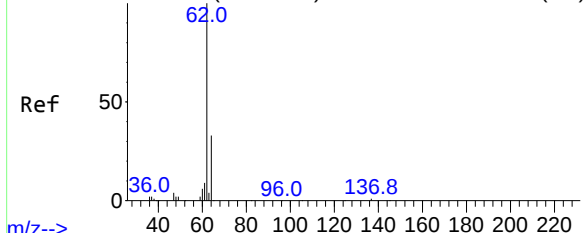


#4
Chloromethane
Concen: 7.855 ppbv
RT: 2.787 min Scan# 57
Delta R.T. -0.006 min
Lab File: VL040048.D
Acq: 20 Dec 2022 8:13

Tgt Ion: 50 Resp: 670853
Ion Ratio Lower Upper
50 100
52 32.6 25.5 38.3



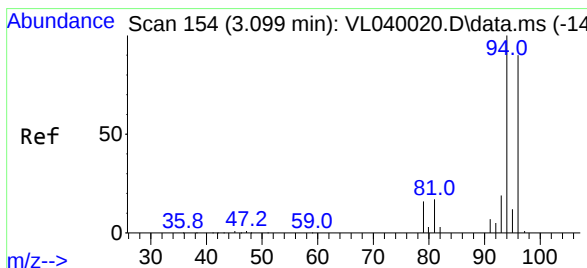
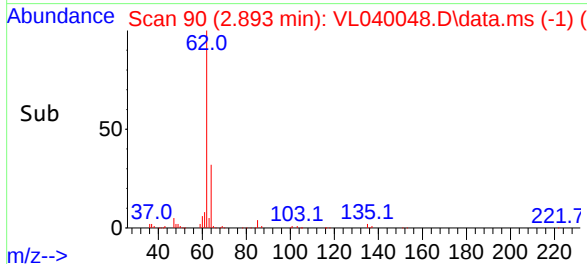
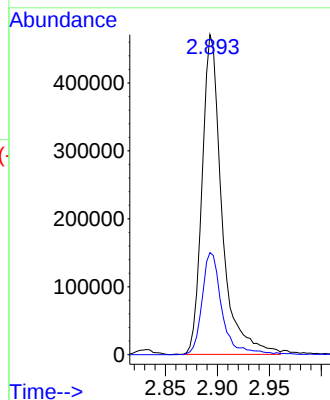
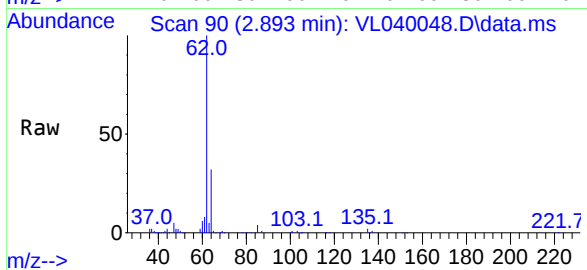
Abundance Scan 92 (2.899 min): VL040020.D\data.ms (-81)



#5
Vinyl Chloride
Concen: 9.028 ppbv
RT: 2.893 min Scan# 90
Delta R.T. -0.006 min
Lab File: VL040048.D
Acq: 20 Dec 2022 8:13

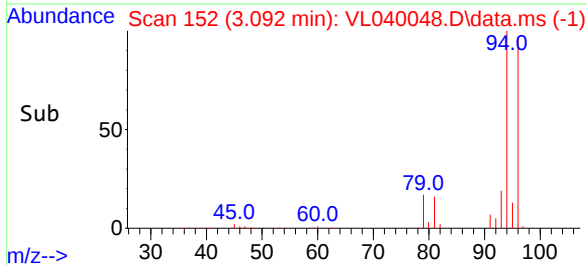
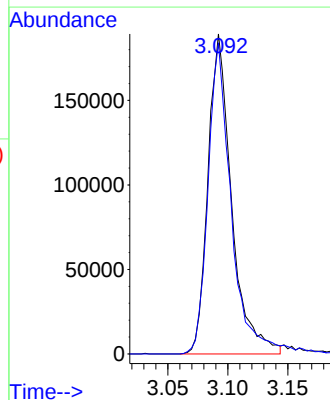
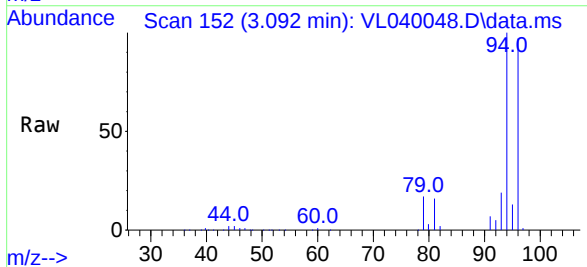
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

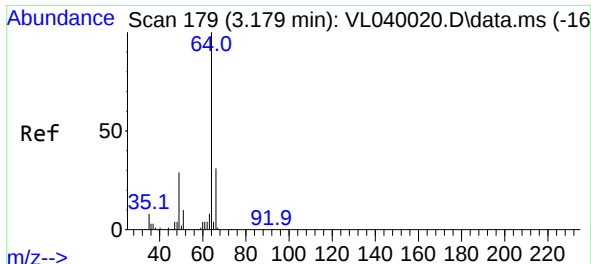
Tgt Ion: 62 Resp: 623865
Ion Ratio Lower Upper
62 100
64 31.9 26.1 39.1



#6
Bromomethane
Concen: 10.200 ppbv
RT: 3.092 min Scan# 152
Delta R.T. -0.006 min
Lab File: VL040048.D
Acq: 20 Dec 2022 8:13

Tgt Ion: 94 Resp: 258989
Ion Ratio Lower Upper
94 100
96 97.3 72.0 108.0

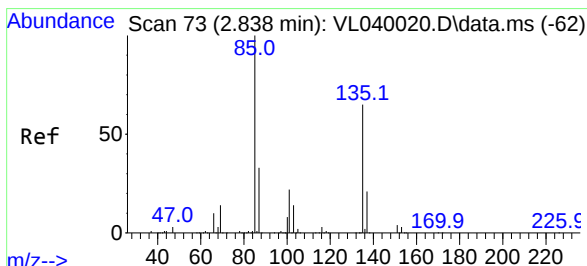
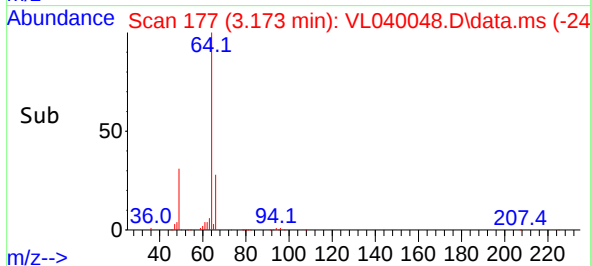
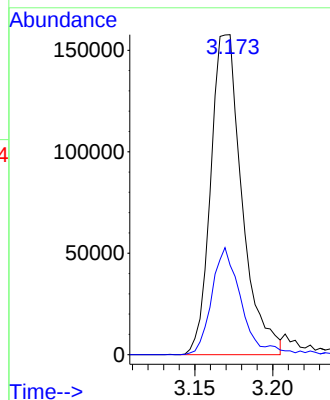
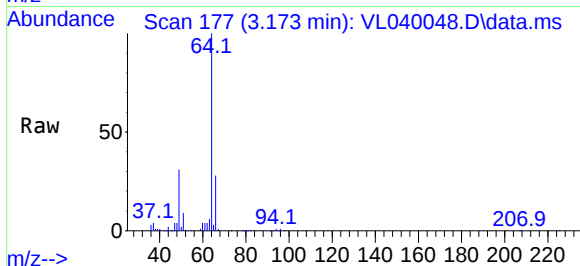




#7
Chloroethane
Concen: 8.438 ppbv
RT: 3.173 min Scan# 11
Delta R.T. -0.006 min
Lab File: VL040048.D
Acq: 20 Dec 2022 8:13

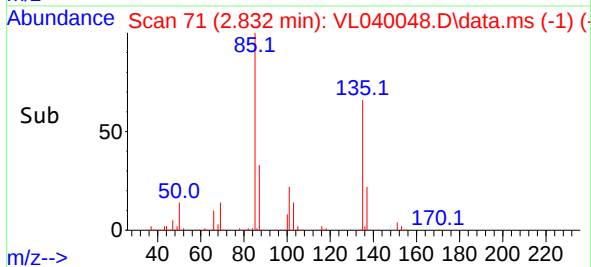
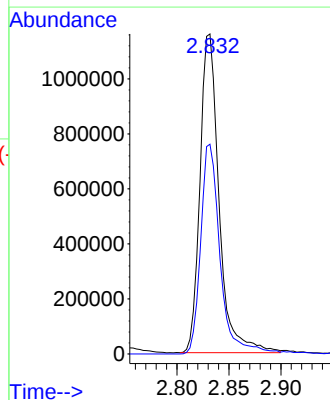
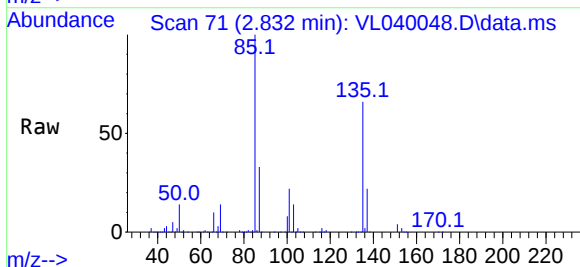
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 64 Resp: 220007
Ion Ratio Lower Upper
64 100
66 27.9 24.6 37.0

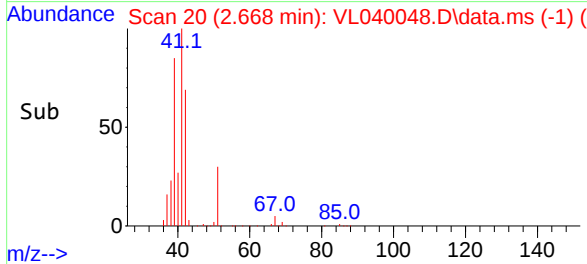
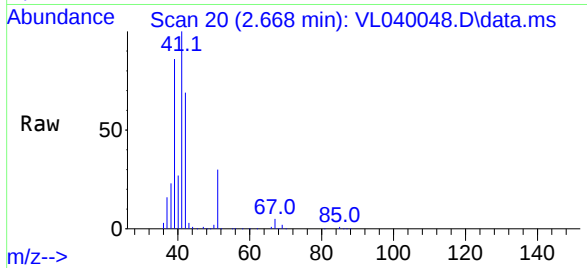
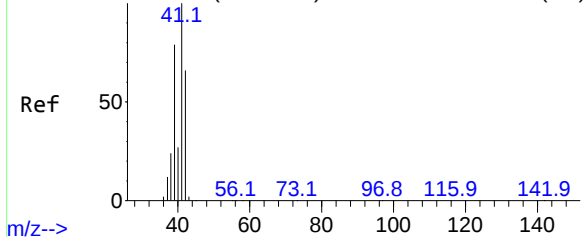


#8
Dichlorotetrafluoroethane
Concen: 8.143 ppbv
RT: 2.832 min Scan# 71
Delta R.T. -0.006 min
Lab File: VL040048.D
Acq: 20 Dec 2022 8:13

Tgt Ion: 85 Resp: 1481551
Ion Ratio Lower Upper
85 100
135 67.8 53.2 79.8



Abundance Scan 22 (2.674 min): VL040020.D\data.ms (-13)



#9

Propene

Concen: 8.967 ppbv

RT: 2.668 min Scan# 20

Delta R.T. -0.006 min

Lab File: VL040048.D

Acq: 20 Dec 2022 8:13

Instrument :

MSVOA_L

ClientSampleId :

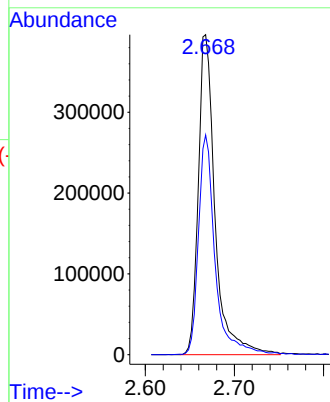
VSTDCCC010EC

Tgt Ion: 41 Resp: 518739

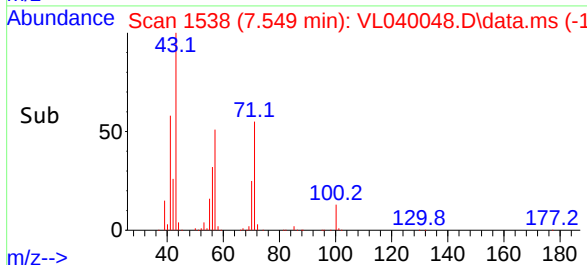
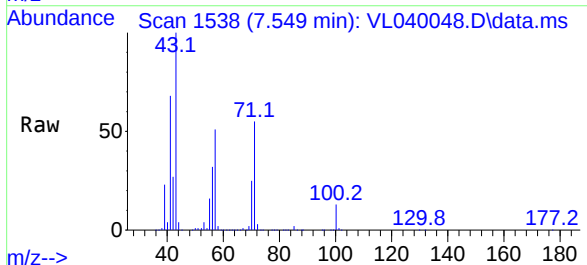
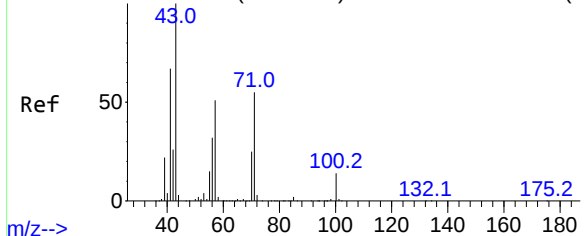
Ion Ratio Lower Upper

41 100

42 68.5 54.8 82.2



Abundance Scan 1543 (7.565 min): VL040020.D\data.ms (-1)



#10

Heptane

Concen: 8.883 ppbv

RT: 7.549 min Scan# 1538

Delta R.T. -0.016 min

Lab File: VL040048.D

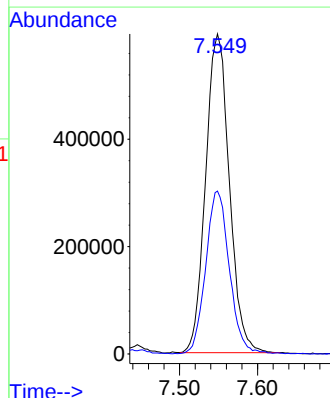
Acq: 20 Dec 2022 8:13

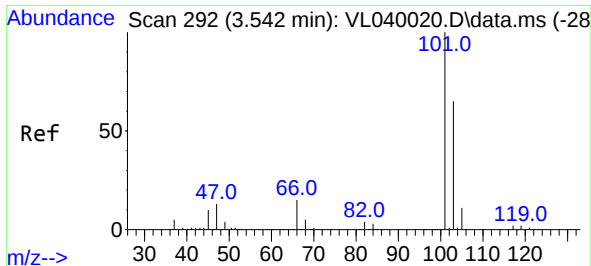
Tgt Ion: 43 Resp: 1254180

Ion Ratio Lower Upper

43 100

57 51.3 41.2 61.8

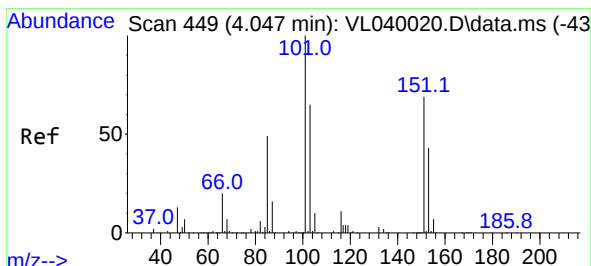
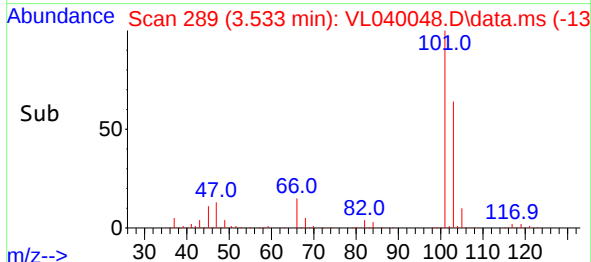
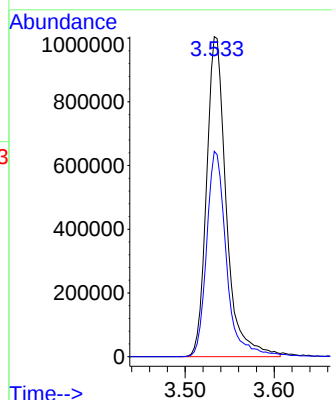
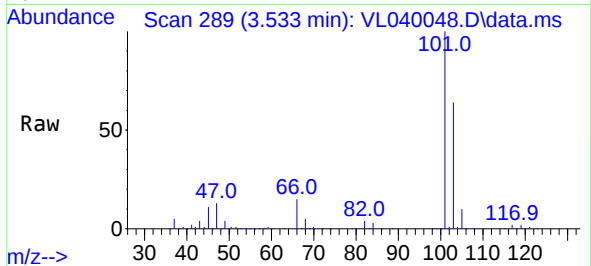




#11
 Trichlorofluoromethane
 Concen: 8.212 ppbv
 RT: 3.533 min Scan# 21
 Delta R.T. -0.010 min
 Lab File: VL040048.D
 Acq: 20 Dec 2022 8:13

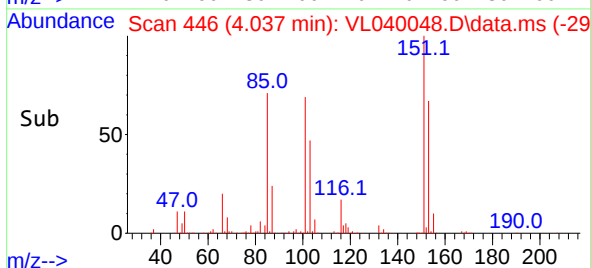
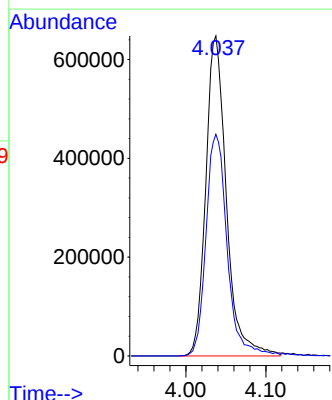
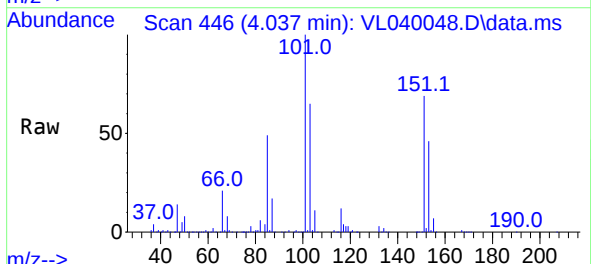
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

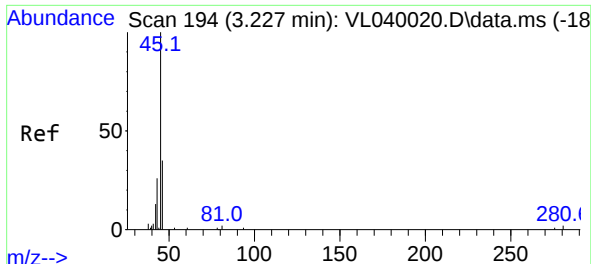
Tgt Ion:101 Resp: 1543118
 Ion Ratio Lower Upper
 101 100
 103 64.2 51.7 77.5



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 8.156 ppbv
 RT: 4.037 min Scan# 446
 Delta R.T. -0.010 min
 Lab File: VL040048.D
 Acq: 20 Dec 2022 8:13

Tgt Ion:101 Resp: 1160689
 Ion Ratio Lower Upper
 101 100
 151 71.7 55.0 82.4





#13

Ethanol

Concen: 2.436 ppbv

RT: 3.208 min Scan# 11

Delta R.T. -0.019 min

Lab File: VL040048.D

Acq: 20 Dec 2022 8:13

Instrument :

MSVOA_L

ClientSampleId :

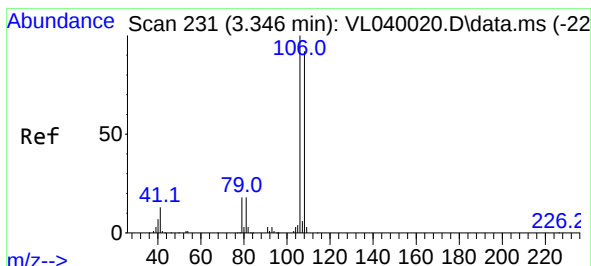
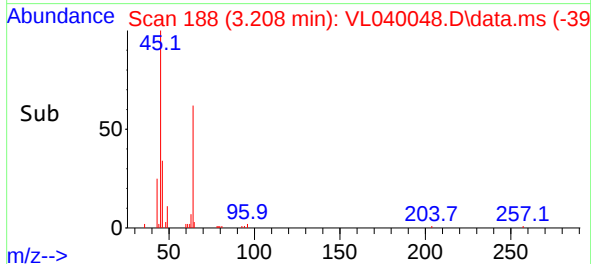
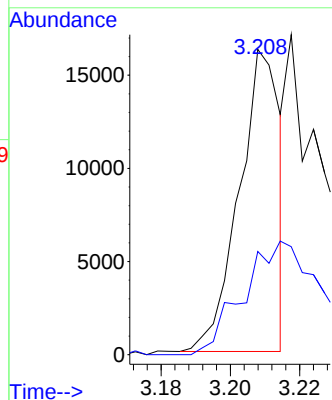
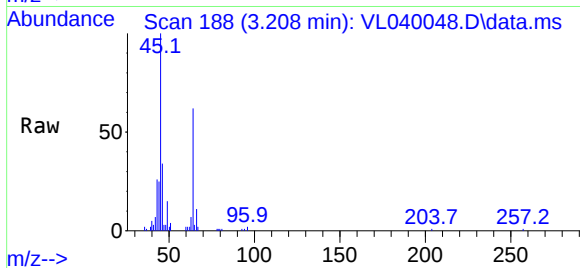
VSTDCCC010EC

Tgt Ion: 45 Resp: 13261

Ion Ratio Lower Upper

45 100

46 92.2 13.7 54.7#



#14

Bromoethene

Concen: 8.679 ppbv

RT: 3.340 min Scan# 229

Delta R.T. -0.006 min

Lab File: VL040048.D

Acq: 20 Dec 2022 8:13

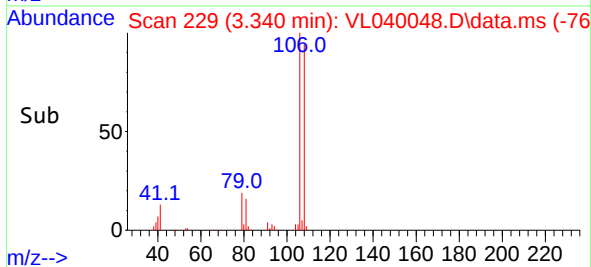
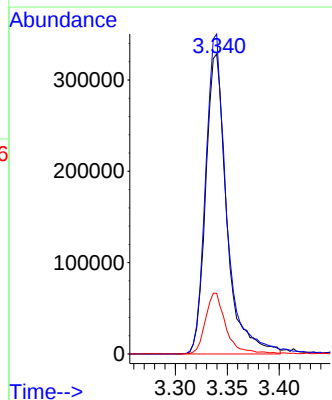
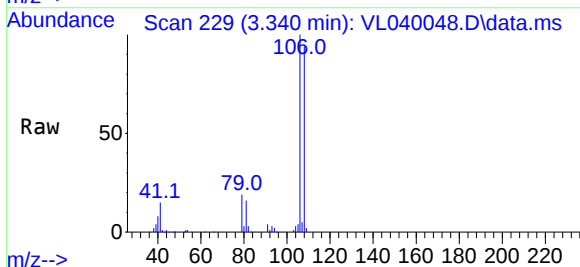
Tgt Ion:108 Resp: 465127

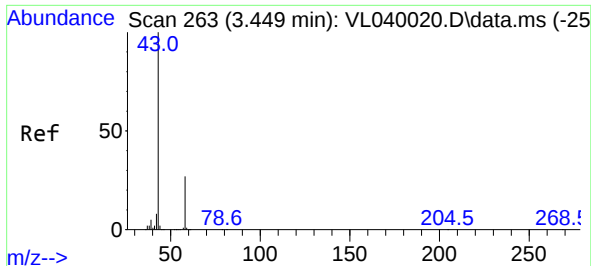
Ion Ratio Lower Upper

108 100

106 107.3 87.5 131.3

79 20.0 15.8 23.8

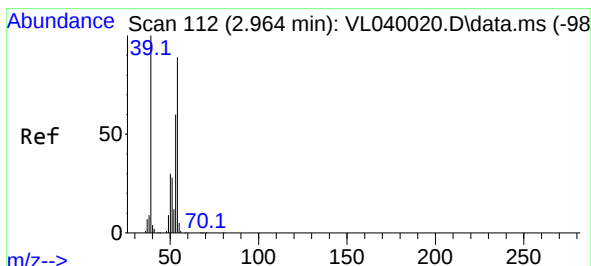
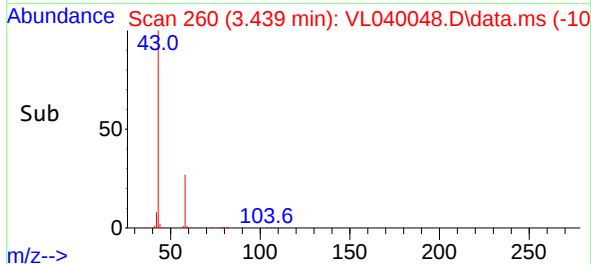
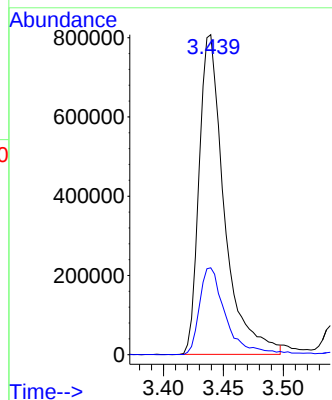
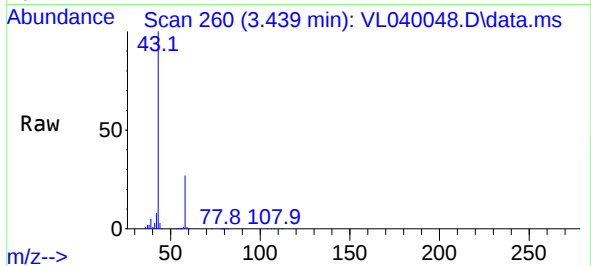




#15
Acetone
Concen: 8.254 ppbv
RT: 3.439 min Scan# 21
Delta R.T. -0.010 min
Lab File: VL040048.D
Acq: 20 Dec 2022 8:13

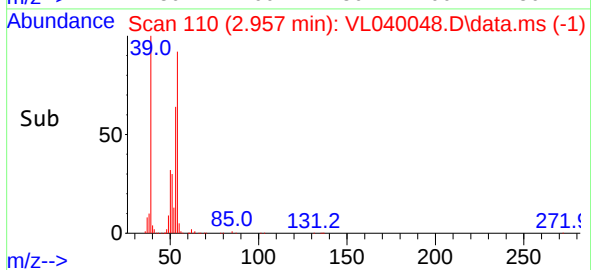
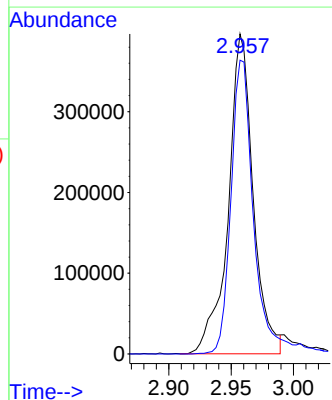
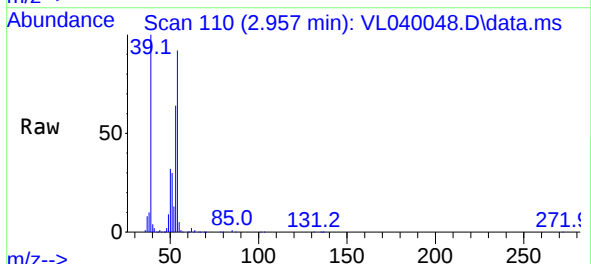
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

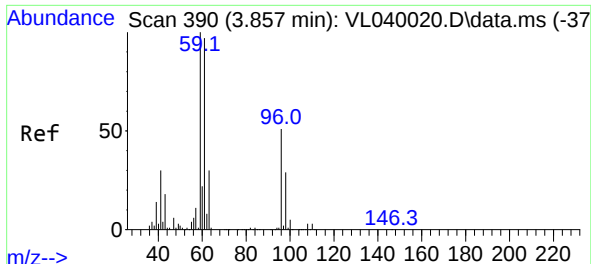
Tgt Ion: 43 Resp: 1179673
Ion Ratio Lower Upper
43 100
58 28.8 21.8 32.8



#16
1,3-Butadiene
Concen: 8.868 ppbv
RT: 2.957 min Scan# 110
Delta R.T. -0.006 min
Lab File: VL040048.D
Acq: 20 Dec 2022 8:13

Tgt Ion: 39 Resp: 550882
Ion Ratio Lower Upper
39 100
54 86.4 68.3 102.5





#17

tert-Butyl alcohol

Concen: 9.110 ppbv

RT: 3.848 min Scan# 3

Delta R.T. -0.010 min

Lab File: VL040048.D

Acq: 20 Dec 2022 8:13

Instrument :

MSVOA_L

ClientSampleId :

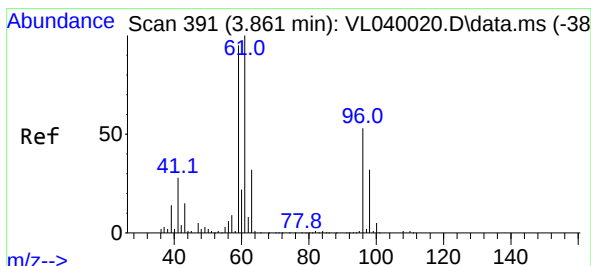
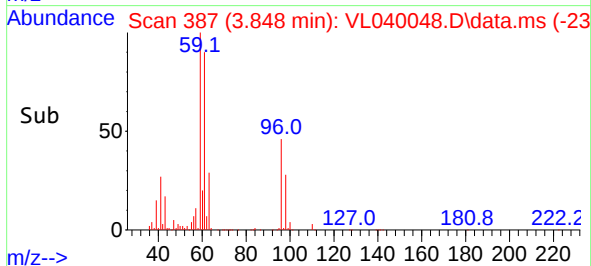
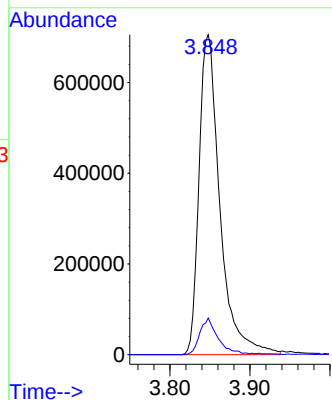
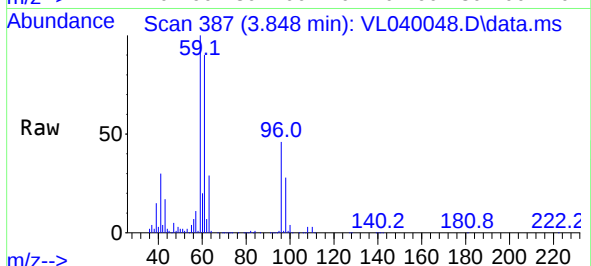
VSTDCCC010EC

Tgt Ion: 59 Resp: 1283604

Ion Ratio Lower Upper

59 100

57 10.6 8.4 12.6



#18

1,1-Dichloroethene

Concen: 8.232 ppbv

RT: 3.851 min Scan# 388

Delta R.T. -0.010 min

Lab File: VL040048.D

Acq: 20 Dec 2022 8:13

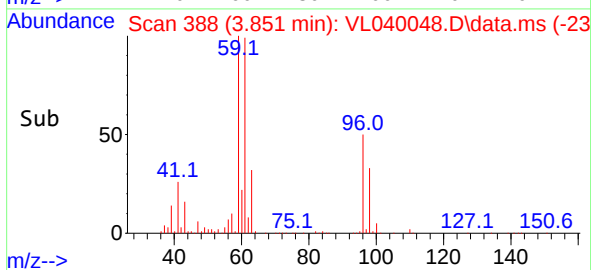
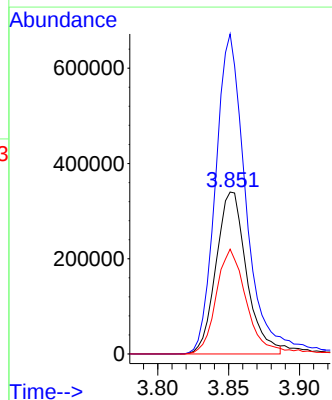
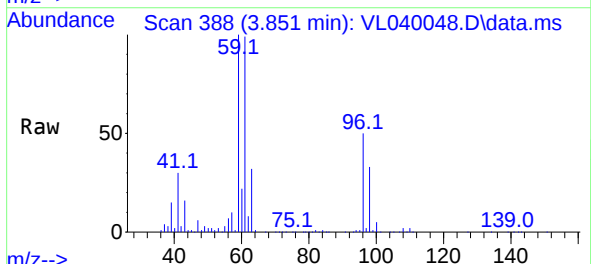
Tgt Ion: 96 Resp: 509928

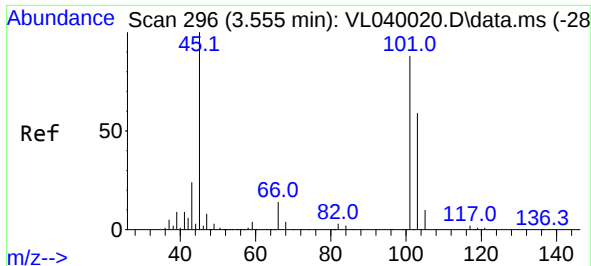
Ion Ratio Lower Upper

96 100

61 197.5 151.0 226.6

98 64.7 47.7 71.5





#19

Isopropyl Alcohol

Concen: 8.089 ppbv

RT: 3.546 min Scan# 296

Delta R.T. -0.010 min

Lab File: VL040048.D

Acq: 20 Dec 2022 8:13

Instrument :

MSVOA_L

ClientSampleId :

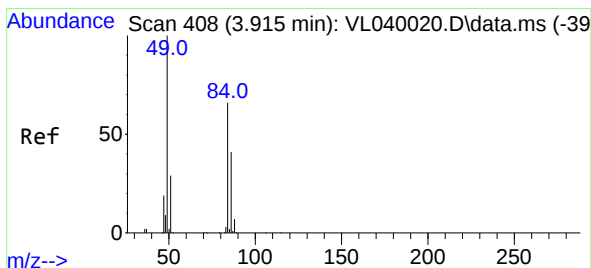
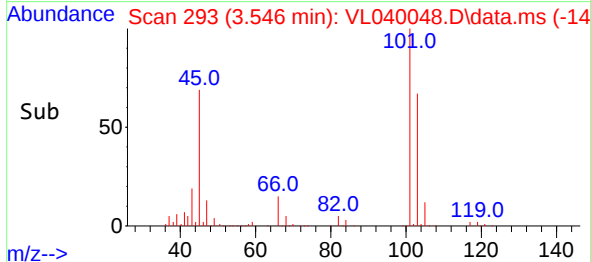
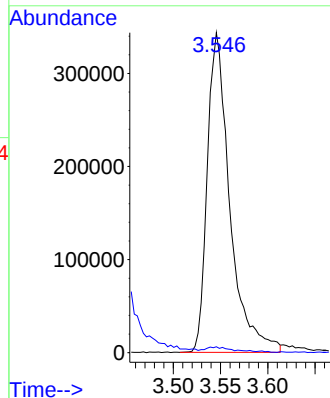
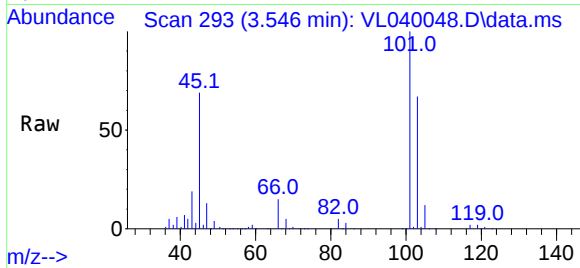
VSTDCCC010EC

Tgt Ion: 45 Resp: 569743

Ion Ratio Lower Upper

45 100

58 2.0 1.7 2.5



#20

Methylene Chloride

Concen: 7.408 ppbv

RT: 3.902 min Scan# 404

Delta R.T. -0.013 min

Lab File: VL040048.D

Acq: 20 Dec 2022 8:13

Tgt Ion: 84 Resp: 450048

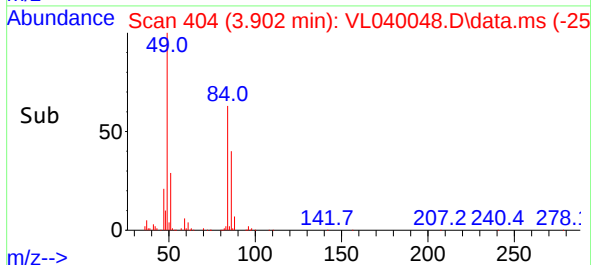
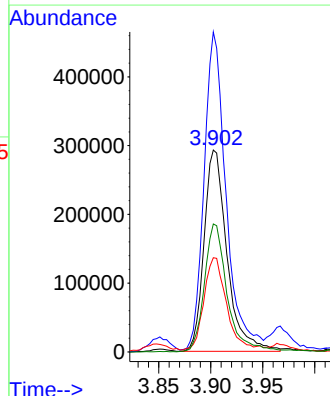
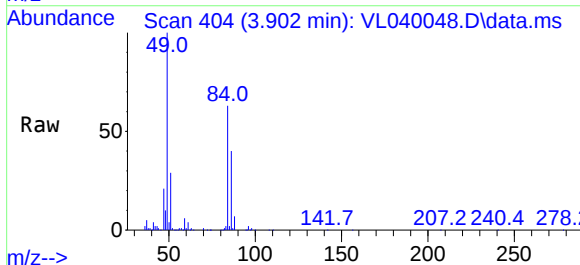
Ion Ratio Lower Upper

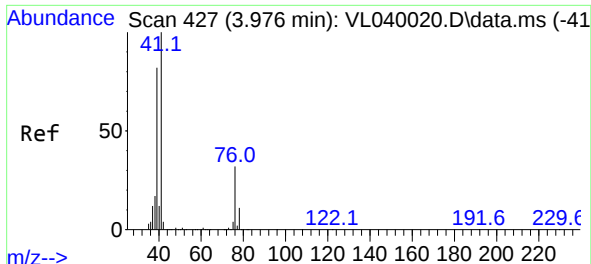
84 100

49 158.1 120.5 180.7

51 45.7 35.2 52.8

86 63.4 49.8 74.6





#21

Allyl Chloride

Concen: 8.928 ppbv

RT: 3.967 min Scan# 41

Delta R.T. -0.010 min

Lab File: VL040048.D

Acq: 20 Dec 2022 8:13

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

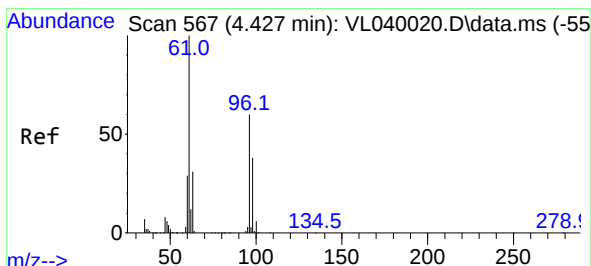
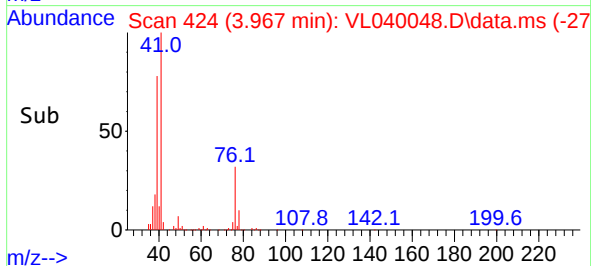
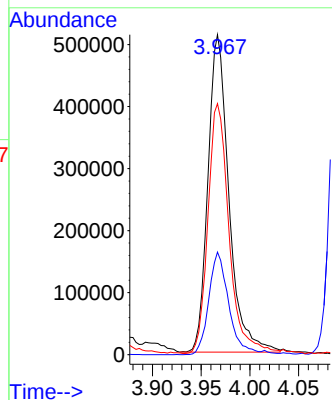
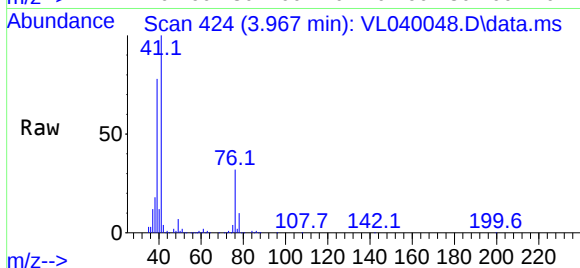
Tgt Ion: 41 Resp: 766751

Ion Ratio Lower Upper

41 100

76 31.5 25.9 38.9

39 80.2 66.0 99.0



#22

trans-1,2-Dichloroethene

Concen: 8.626 ppbv

RT: 4.417 min Scan# 564

Delta R.T. -0.010 min

Lab File: VL040048.D

Acq: 20 Dec 2022 8:13

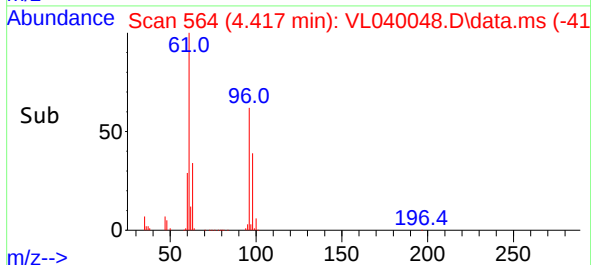
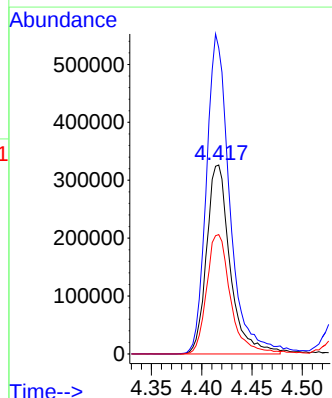
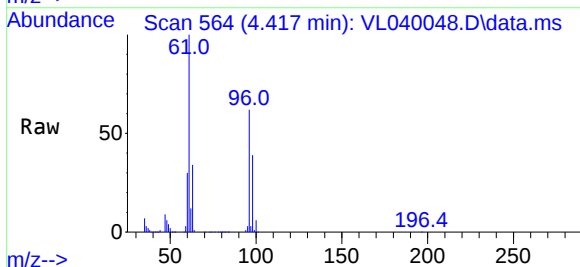
Tgt Ion: 96 Resp: 532581

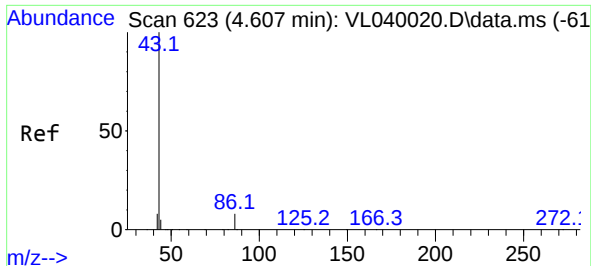
Ion Ratio Lower Upper

96 100

61 161.7 133.6 200.4

98 63.2 51.4 77.0



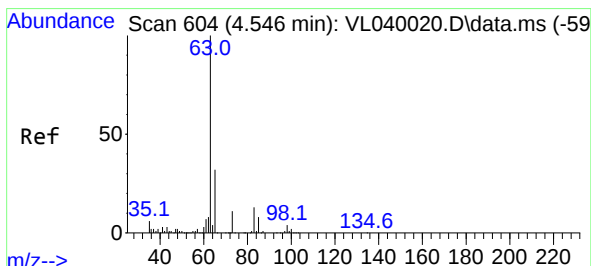
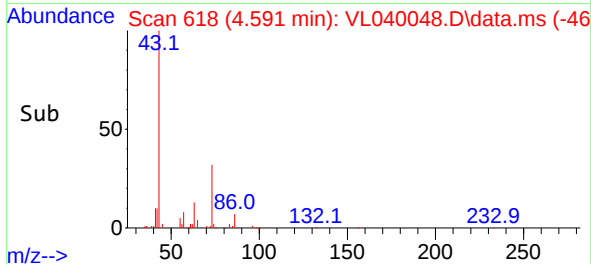
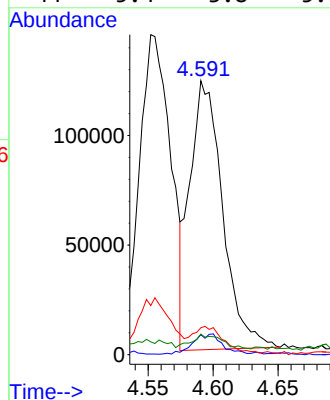
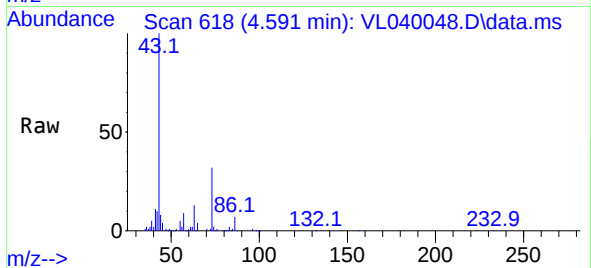


#23
Vinyl Acetate
Concen: 4.760 ppbv
RT: 4.591 min Scan# 618
Delta R.T. -0.016 min
Lab File: VL040048.D
Acq: 20 Dec 2022 8:13

Instrument :
MSVOA_1
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 43 Resp: 215649

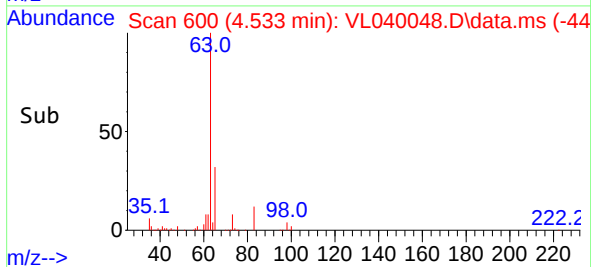
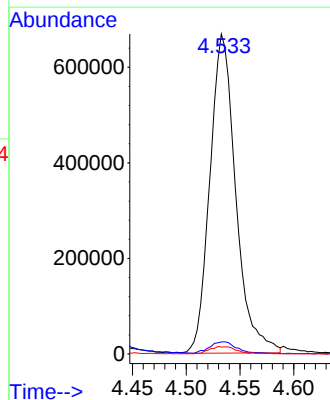
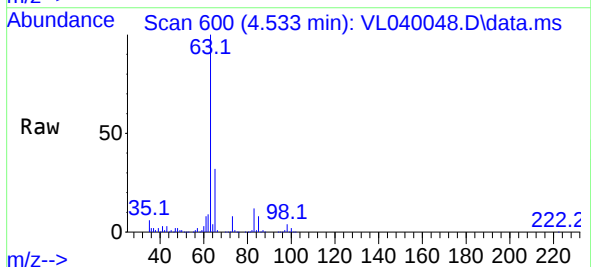
Ion	Ratio	Lower	Upper
43	100		
86	6.8	5.3	7.9
42	9.6	7.4	11.0
44	5.4	3.8	5.6

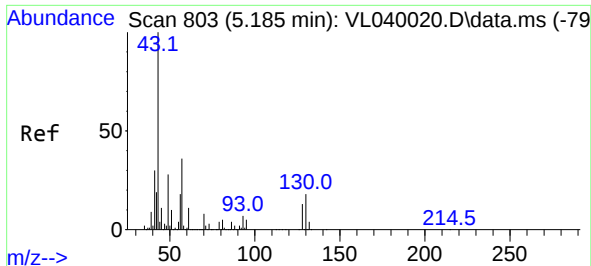


#24
1,1-Dichloroethane
Concen: 8.402 ppbv
RT: 4.533 min Scan# 600
Delta R.T. -0.013 min
Lab File: VL040048.D
Acq: 20 Dec 2022 8:13

Tgt Ion: 63 Resp: 1117973

Ion	Ratio	Lower	Upper
63	100		
98	3.6	2.1	6.2
100	2.1	1.1	3.3



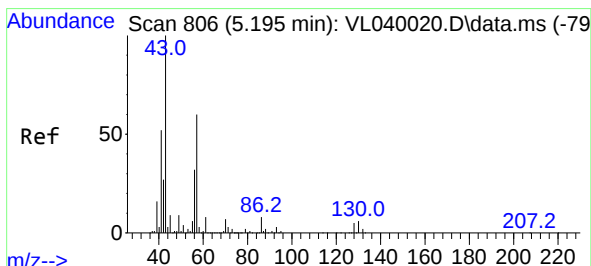
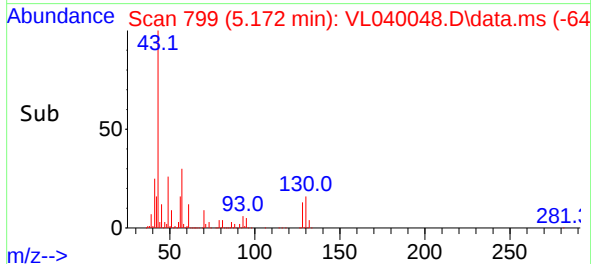
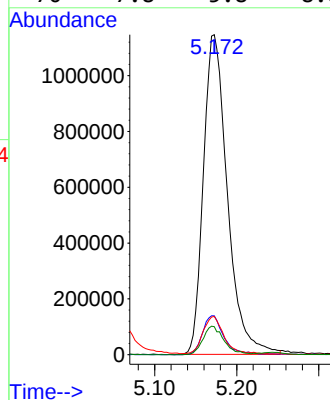
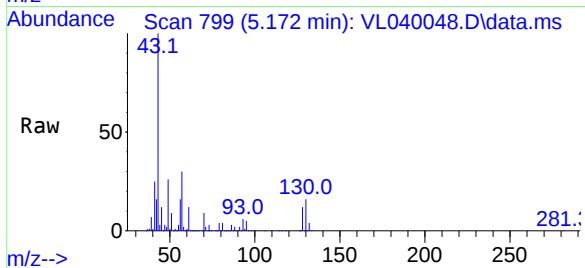


#25
Ethyl Acetate
Concen: 9.437 ppbv
RT: 5.172 min Scan# 79
Delta R.T. -0.013 min
Lab File: VL040048.D
Acq: 20 Dec 2022 8:13

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 43 Resp: 2335763

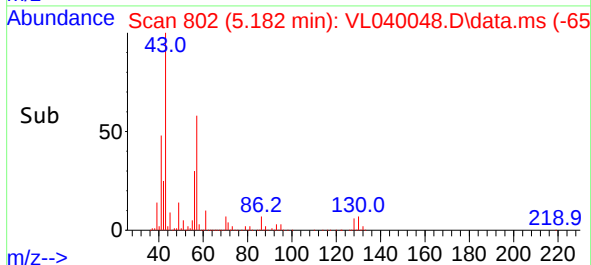
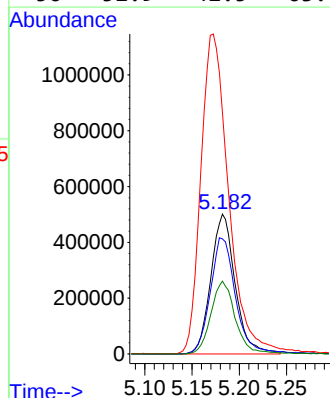
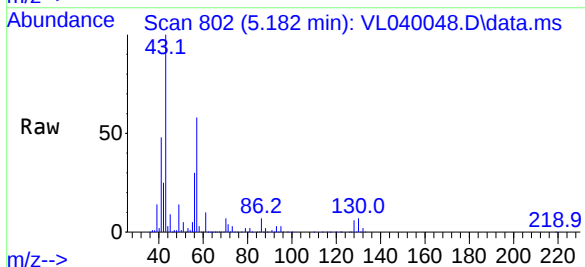
Ion	Ratio	Lower	Upper
43	100		
45	11.0	8.6	12.8
61	10.8	8.5	12.7
70	7.8	5.8	8.8

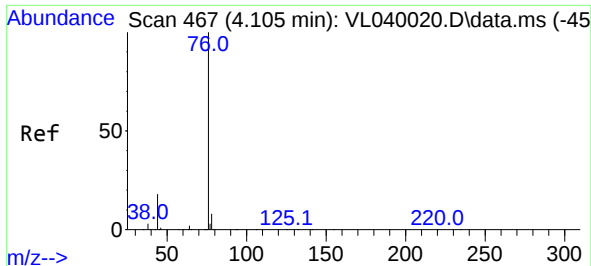


#26
Hexane
Concen: 8.604 ppbv
RT: 5.182 min Scan# 802
Delta R.T. -0.013 min
Lab File: VL040048.D
Acq: 20 Dec 2022 8:13

Tgt Ion: 57 Resp: 895048

Ion	Ratio	Lower	Upper
57	100		
41	87.3	72.1	108.1
43	265.1	192.1	288.1
56	52.9	42.5	63.7



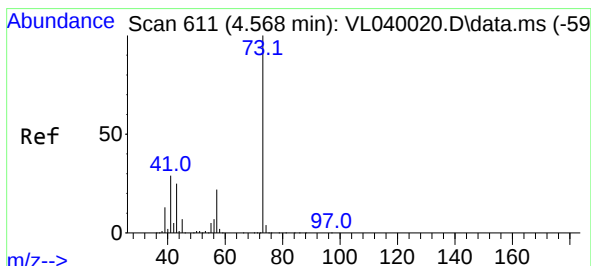
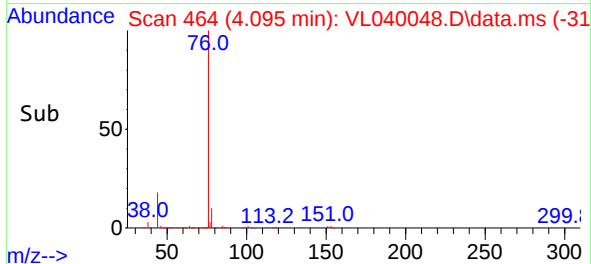
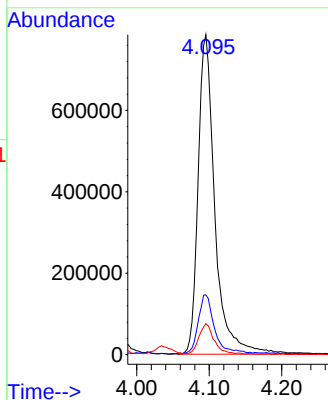
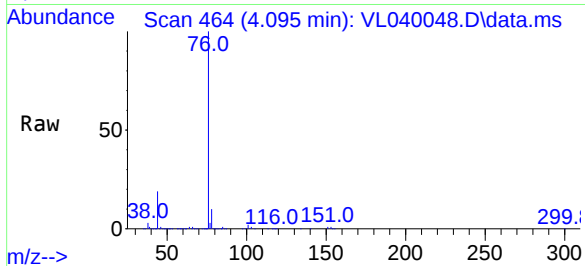


#27
Carbon Disulfide
Concen: 9.572 ppbv
RT: 4.095 min Scan# 407
Delta R.T. -0.010 min
Lab File: VL040048.D
Acq: 20 Dec 2022 8:13

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 76 Resp: 1255980

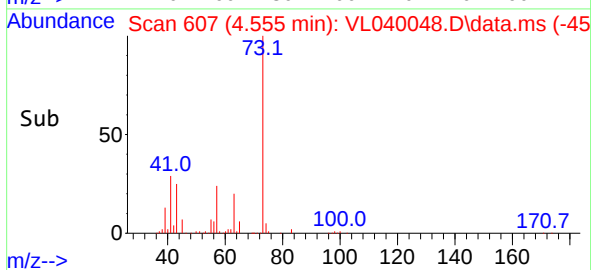
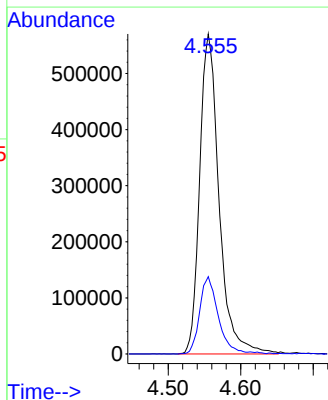
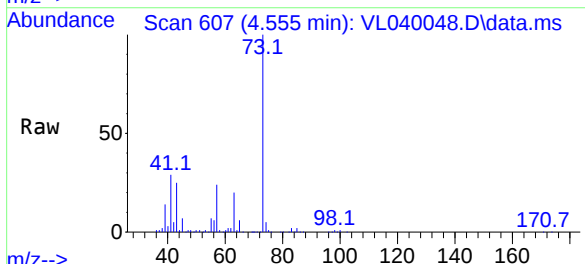
Ion	Ratio	Lower	Upper
76	100		
44	18.2	15.3	22.9
78	9.4	7.8	11.6

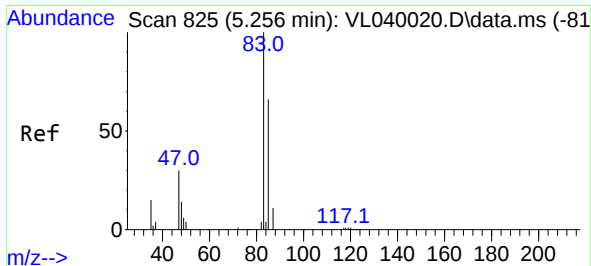


#28
Methyl tert-Butyl Ether
Concen: 8.643 ppbv
RT: 4.555 min Scan# 607
Delta R.T. -0.013 min
Lab File: VL040048.D
Acq: 20 Dec 2022 8:13

Tgt Ion: 73 Resp: 1059677

Ion	Ratio	Lower	Upper
73	100		
57	23.7	18.6	28.0





#29

Chloroform

Concen: 8.111 ppbv

RT: 5.243 min Scan# 81

Delta R.T. -0.013 min

Lab File: VL040048.D

Acq: 20 Dec 2022 8:13

Instrument :

MSVOA_L

ClientSampleId :

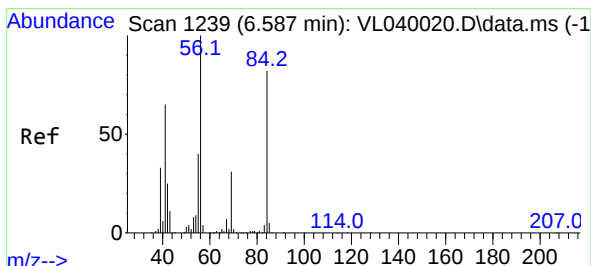
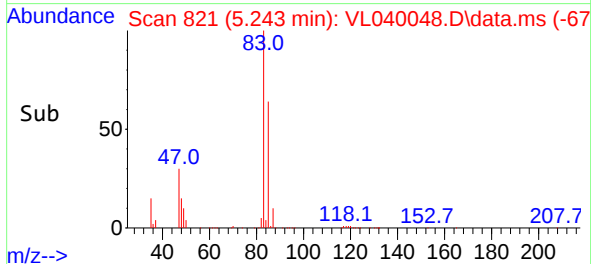
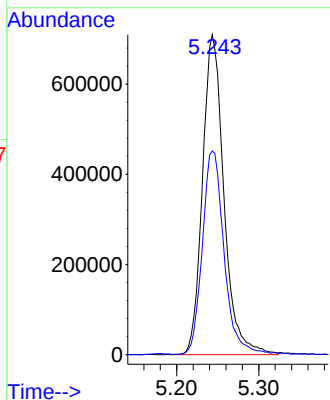
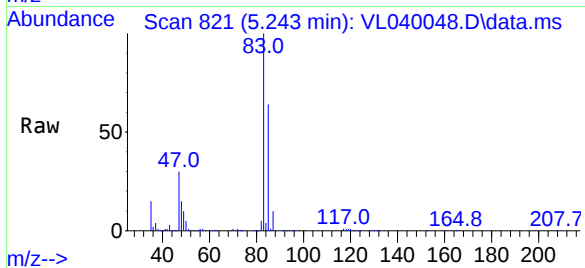
VSTDCCC010EC

Tgt Ion: 83 Resp: 1287541

Ion Ratio Lower Upper

83 100

85 63.5 52.4 78.6



#30

Cyclohexane

Concen: 9.399 ppbv

RT: 6.571 min Scan# 1234

Delta R.T. -0.016 min

Lab File: VL040048.D

Acq: 20 Dec 2022 8:13

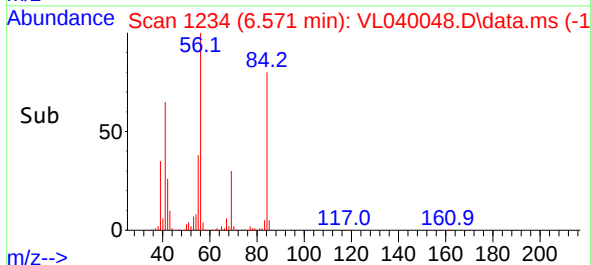
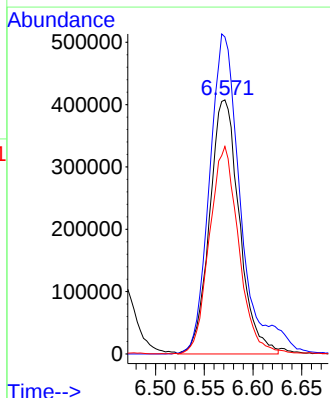
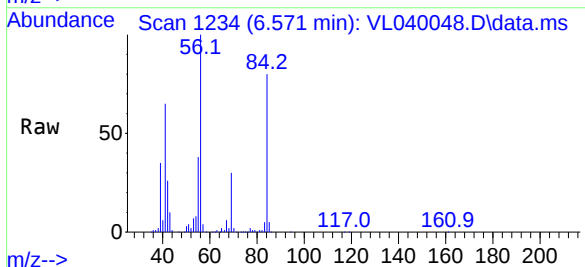
Tgt Ion: 84 Resp: 865920

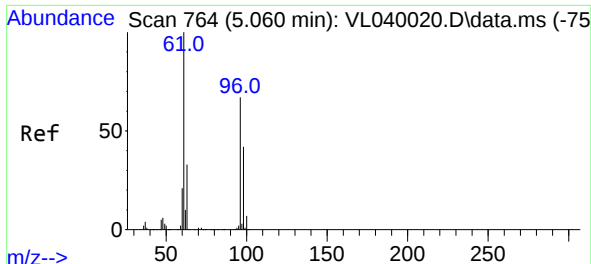
Ion Ratio Lower Upper

84 100

56 132.7 110.2 165.4

41 80.5 67.8 101.8



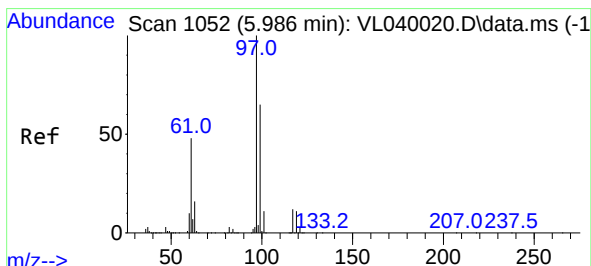
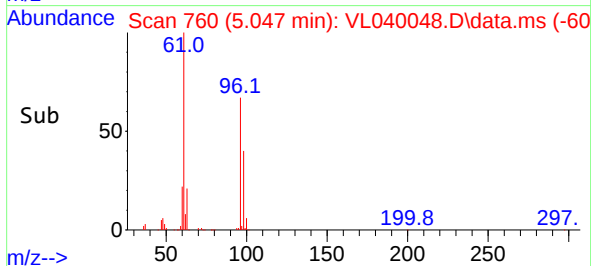
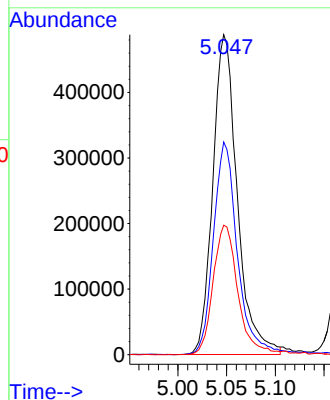
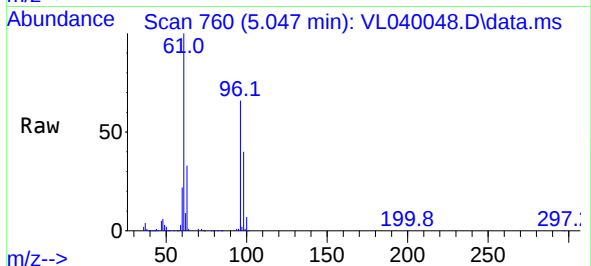


#31
 cis-1,2-Dichloroethene
 Concen: 8.597 ppbv
 RT: 5.047 min Scan# 70
 Delta R.T. -0.013 min
 Lab File: VL040048.D
 Acq: 20 Dec 2022 8:13

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Tgt Ion: 61 Resp: 851713

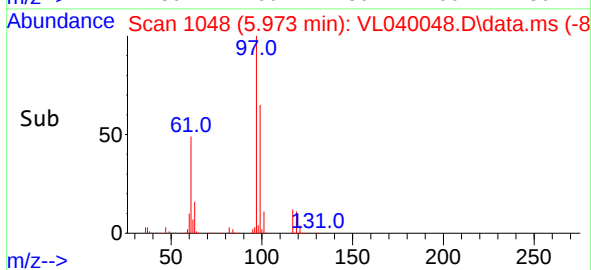
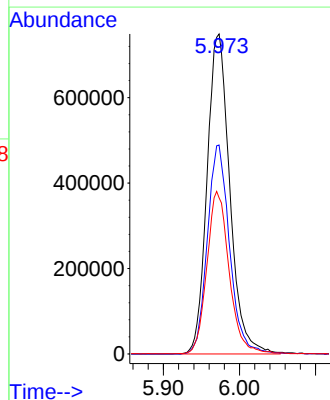
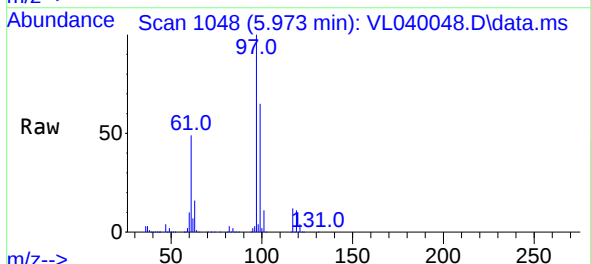
Ion	Ratio	Lower	Upper
61	100		
96	66.4	53.4	80.2
98	40.4	33.4	50.0

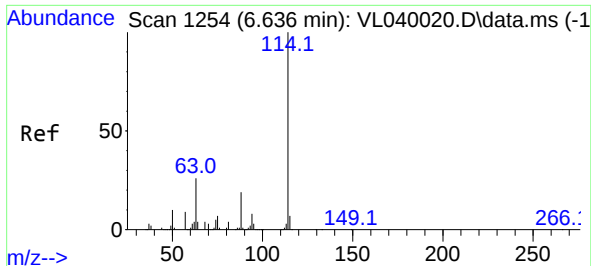


#32
 1,1,1-Trichloroethane
 Concen: 9.174 ppbv
 RT: 5.973 min Scan# 1048
 Delta R.T. -0.013 min
 Lab File: VL040048.D
 Acq: 20 Dec 2022 8:13

Tgt Ion: 97 Resp: 1559146

Ion	Ratio	Lower	Upper
97	100		
99	63.9	51.8	77.6
61	50.2	39.8	59.6





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.623 min Scan# 11

Delta R.T. -0.013 min

Lab File: VL040048.D

Acq: 20 Dec 2022 8:13

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

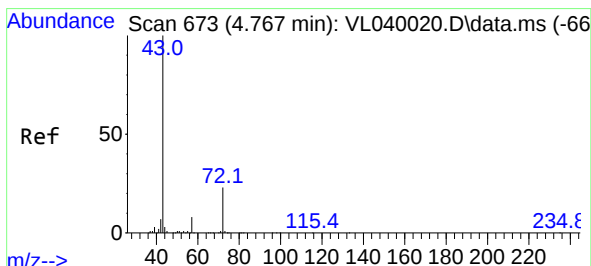
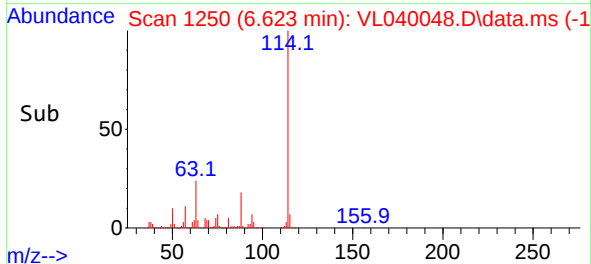
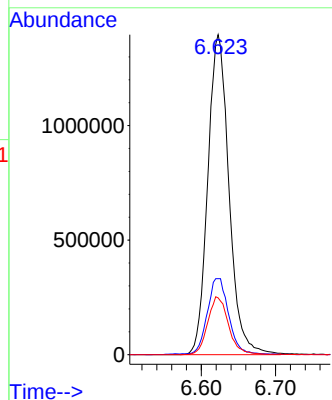
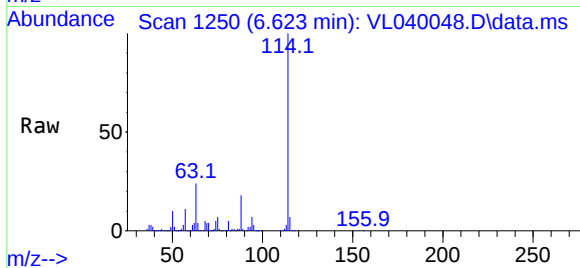
Tgt Ion:114 Resp: 2769044

Ion Ratio Lower Upper

114 100

63 24.5 20.2 30.2

88 17.8 14.6 21.8



#34

2-Butanone

Concen: 8.398 ppbv

RT: 4.754 min Scan# 669

Delta R.T. -0.013 min

Lab File: VL040048.D

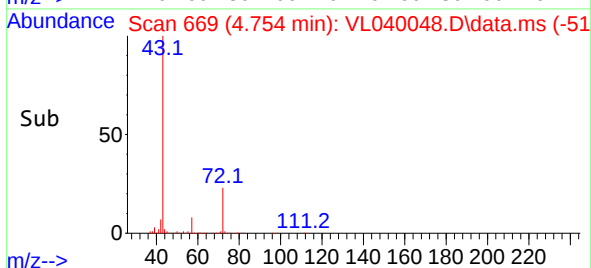
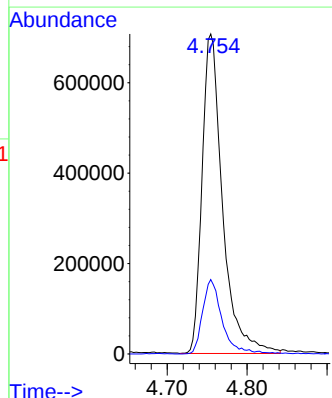
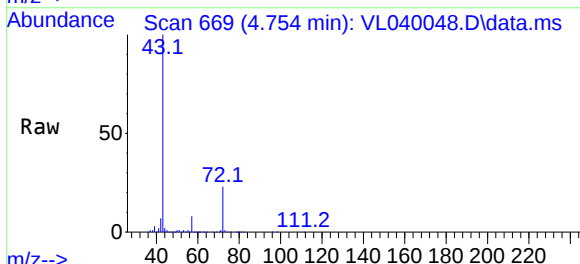
Acq: 20 Dec 2022 8:13

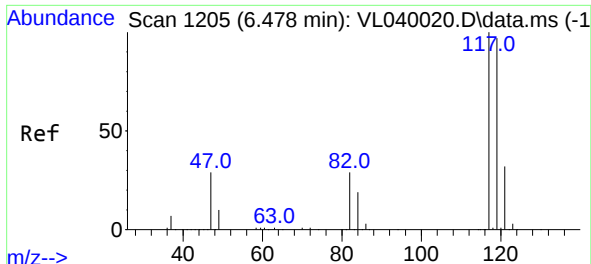
Tgt Ion: 43 Resp: 1261476

Ion Ratio Lower Upper

43 100

72 22.5 18.0 27.0



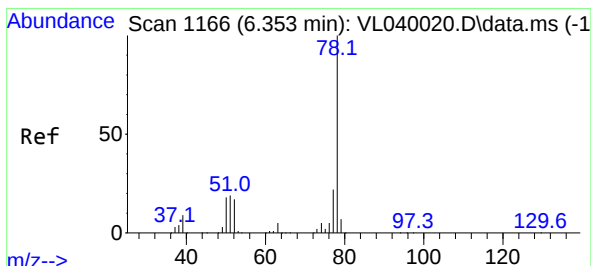
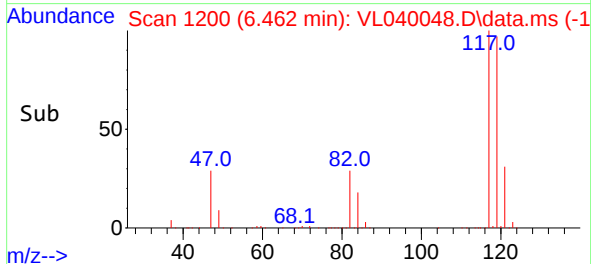
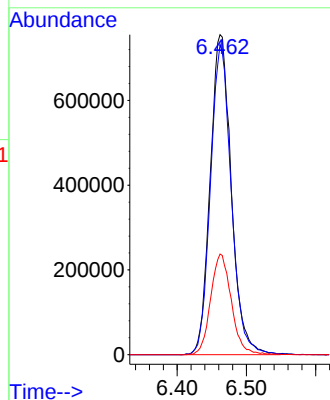
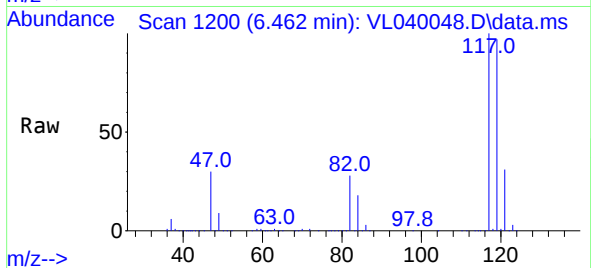


#35
Carbon Tetrachloride
Concen: 9.284 ppbv
RT: 6.462 min Scan# 1170
Delta R.T. -0.016 min
Lab File: VL040048.D
Acq: 20 Dec 2022 8:13

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion:117 Resp: 1596812

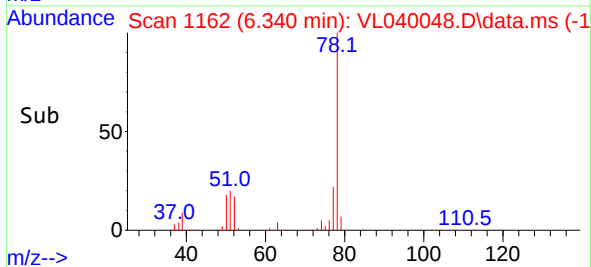
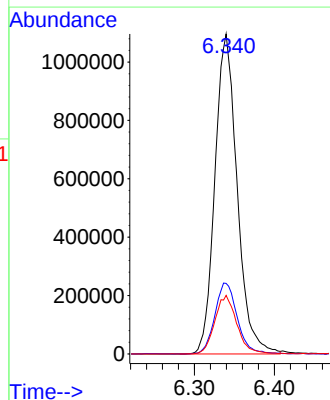
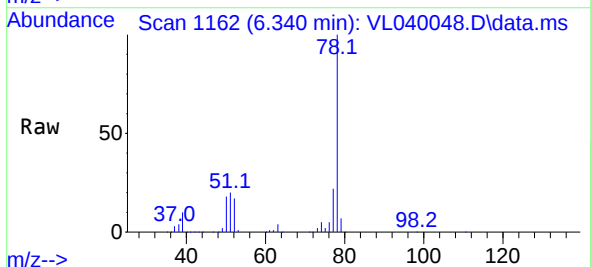
Ion	Ratio	Lower	Upper
117	100		
119	96.9	77.3	115.9
121	31.4	25.4	38.0

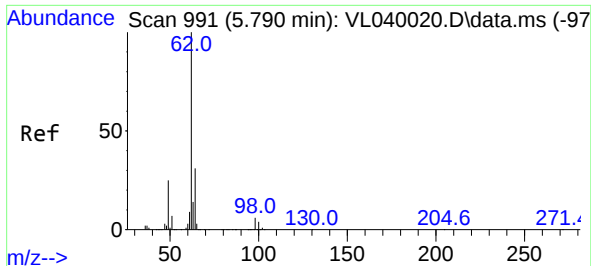


#36
Benzene
Concen: 8.549 ppbv
RT: 6.340 min Scan# 1162
Delta R.T. -0.013 min
Lab File: VL040048.D
Acq: 20 Dec 2022 8:13

Tgt Ion: 78 Resp: 2114219

Ion	Ratio	Lower	Upper
78	100		
77	22.1	17.5	26.3
50	18.3	14.2	21.2

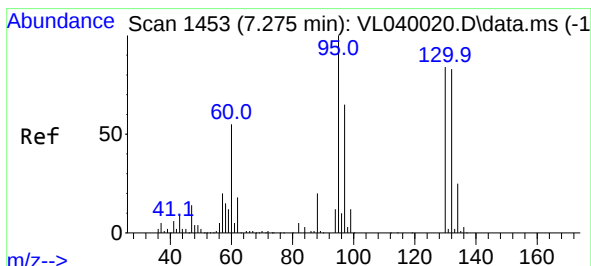
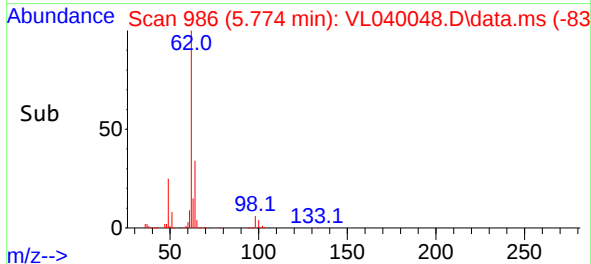
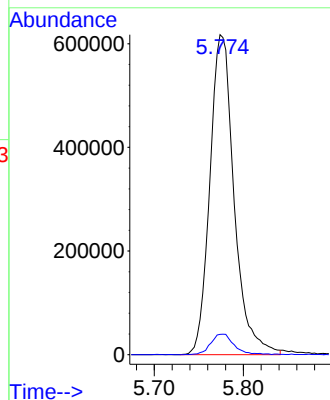
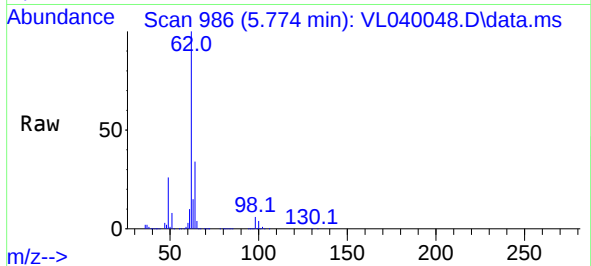




#37
1,2-Dichloroethane
Concen: 8.059 ppbv
RT: 5.774 min Scan# 91
Delta R.T. -0.016 min
Lab File: VL040048.D
Acq: 20 Dec 2022 8:13

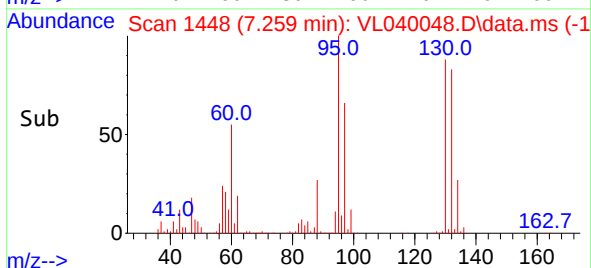
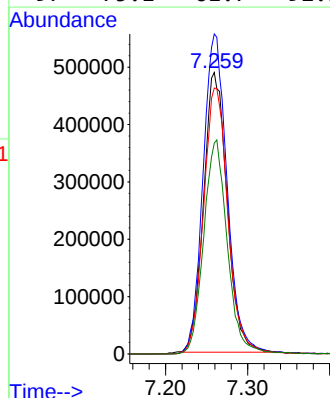
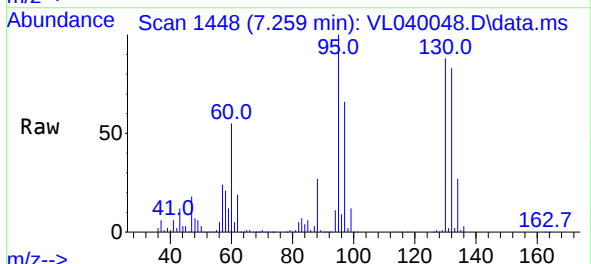
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

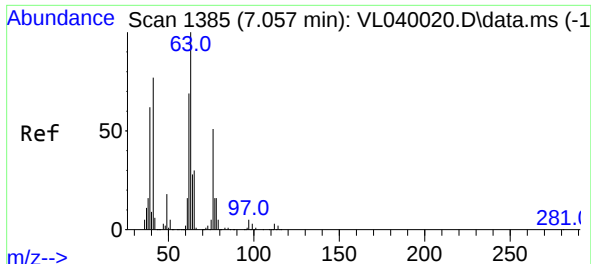
Tgt Ion: 62 Resp: 1169131
Ion Ratio Lower Upper
62 100
98 6.4 5.1 7.7



#38
Trichloroethene
Concen: 7.687 ppbv
RT: 7.259 min Scan# 1448
Delta R.T. -0.016 min
Lab File: VL040048.D
Acq: 20 Dec 2022 8:13

Tgt Ion:130 Resp: 976917
Ion Ratio Lower Upper
130 100
95 114.0 94.8 142.2
132 94.6 78.2 117.4
97 75.1 61.7 92.5





#39

1,2-Dichloropropane

Concen: 8.641 ppbv

RT: 7.044 min Scan# 11

Delta R.T. -0.013 min

Lab File: VL040048.D

Acq: 20 Dec 2022 8:13

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

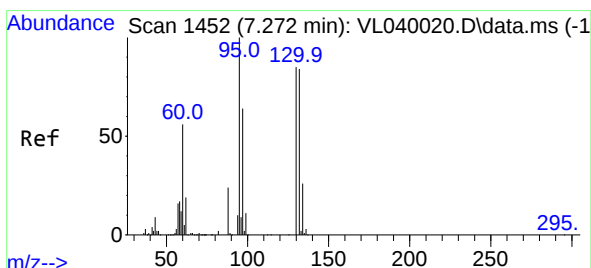
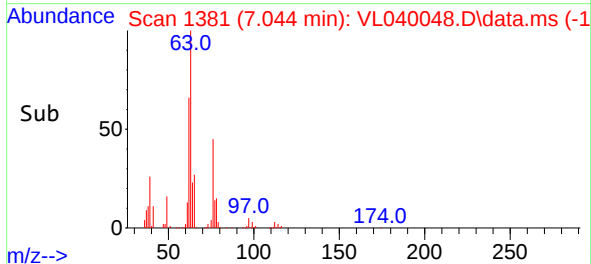
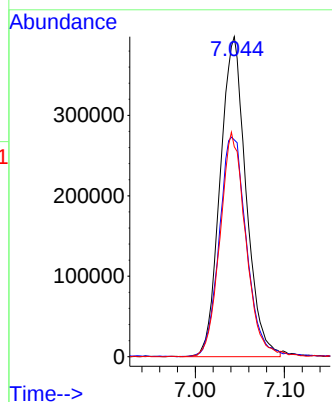
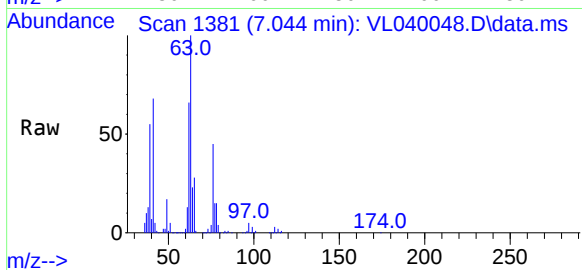
Tgt Ion: 63 Resp: 800999

Ion Ratio Lower Upper

63 100

41 67.7 61.4 92.0

62 65.5 55.4 83.2



#40

1,4-Dioxane

Concen: 8.291 ppbv

RT: 7.259 min Scan# 1448

Delta R.T. -0.013 min

Lab File: VL040048.D

Acq: 20 Dec 2022 8:13

Tgt Ion: 88 Resp: 346376

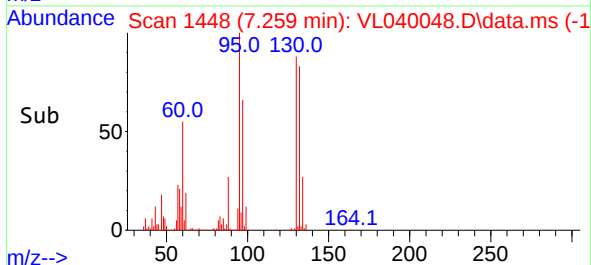
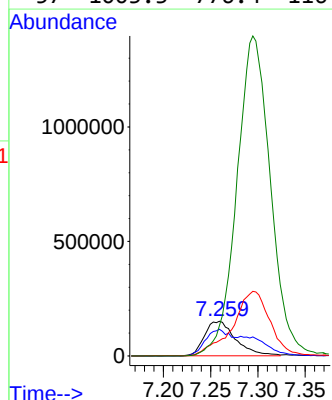
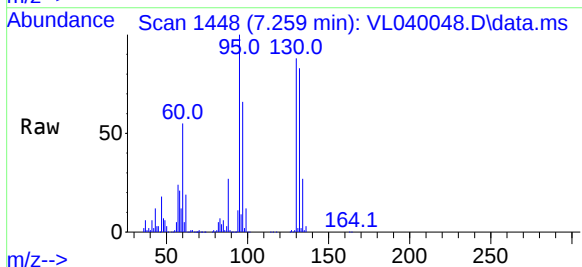
Ion Ratio Lower Upper

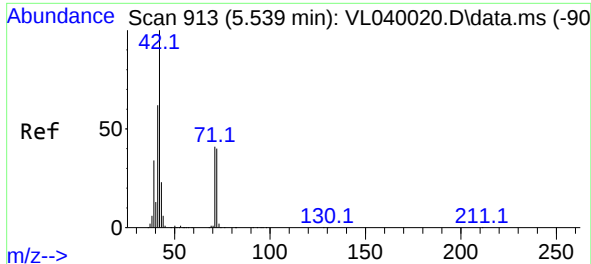
88 100

58 116.9 92.7 139.1

43 223.2 174.6 261.8

57 1003.3 776.4 1164.6

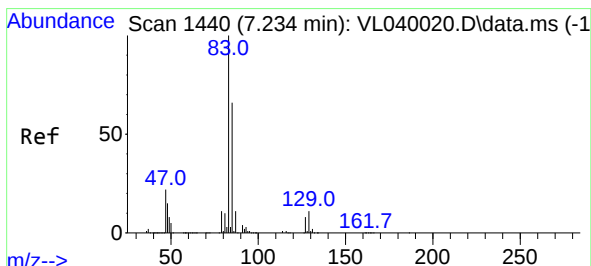
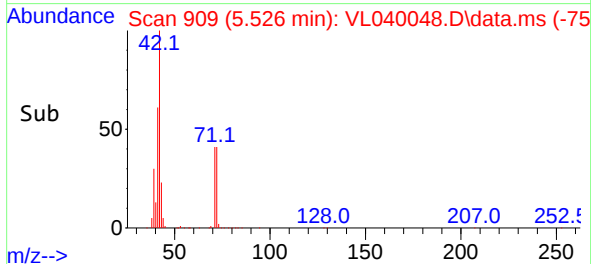
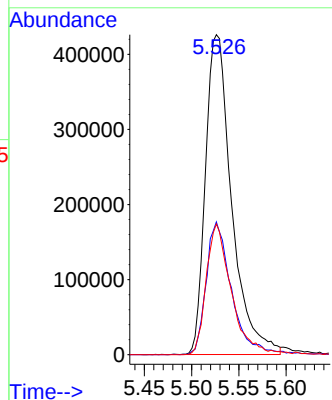
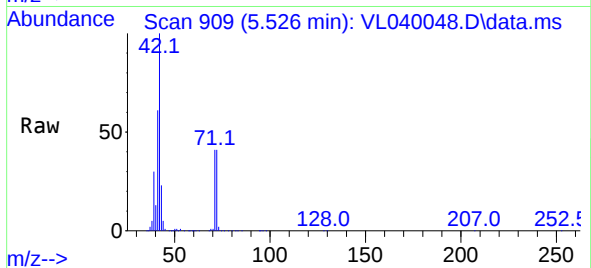




#41
Tetrahydrofuran
Concen: 8.778 ppbv
RT: 5.526 min Scan# 90
Delta R.T. -0.013 min
Lab File: VL040048.D
Acq: 20 Dec 2022 8:13

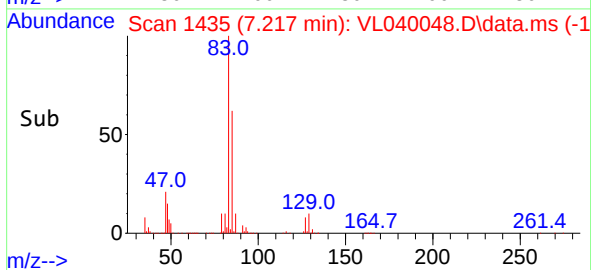
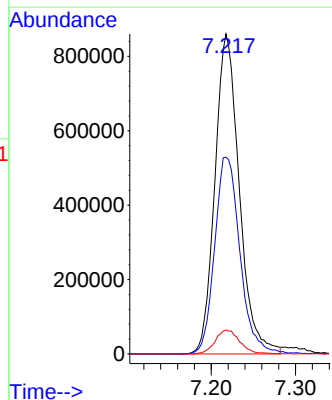
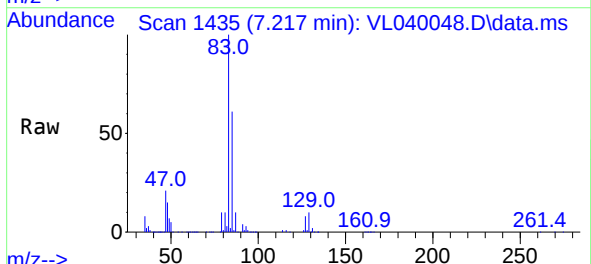
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

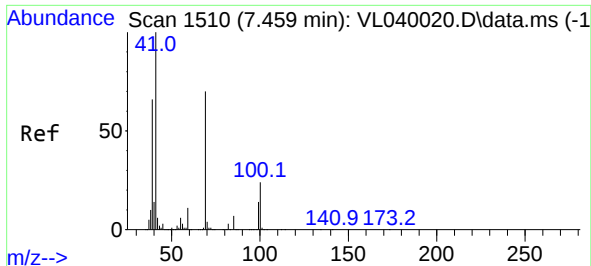
Tgt Ion: 42 Resp: 823112
Ion Ratio Lower Upper
42 100
72 40.7 32.9 49.3
71 39.7 32.2 48.2



#42
Bromodichloromethane
Concen: 8.700 ppbv
RT: 7.217 min Scan# 1435
Delta R.T. -0.016 min
Lab File: VL040048.D
Acq: 20 Dec 2022 8:13

Tgt Ion: 83 Resp: 1729016
Ion Ratio Lower Upper
83 100
85 61.5 53.0 79.6
127 7.5 6.2 9.2





#43

Methyl Methacrylate

Concen: 9.389 ppbv

RT: 7.442 min Scan# 1

Delta R.T. -0.016 min

Lab File: VL040048.D

Acq: 20 Dec 2022 8:13

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

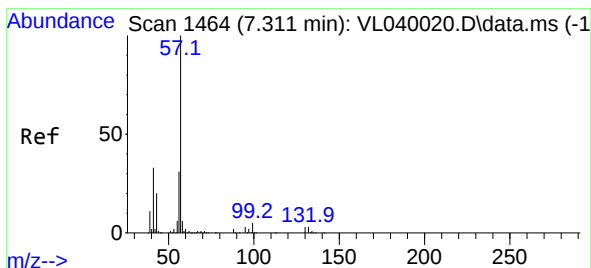
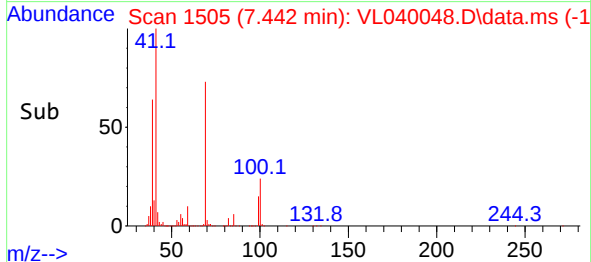
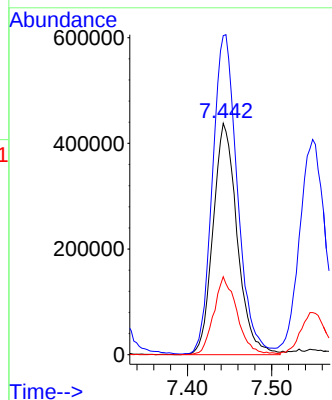
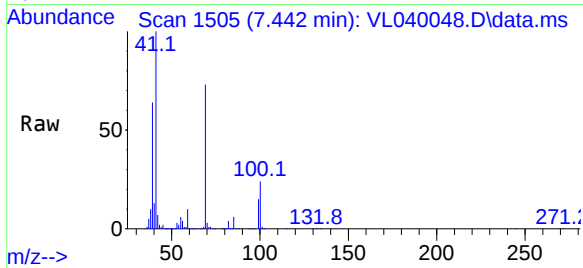
Tgt Ion: 69 Resp: 871429

Ion Ratio Lower Upper

69 100

41 142.5 115.7 173.5

100 32.6 26.0 39.0



#44

2,2,4-Trimethylpentane

Concen: 8.498 ppbv

RT: 7.295 min Scan# 1459

Delta R.T. -0.016 min

Lab File: VL040048.D

Acq: 20 Dec 2022 8:13

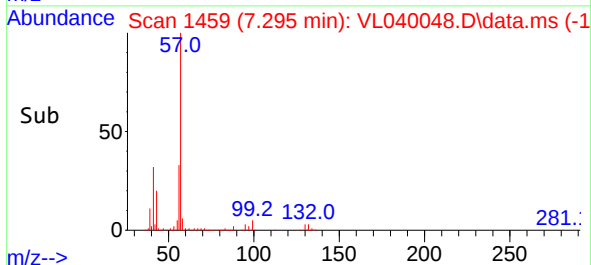
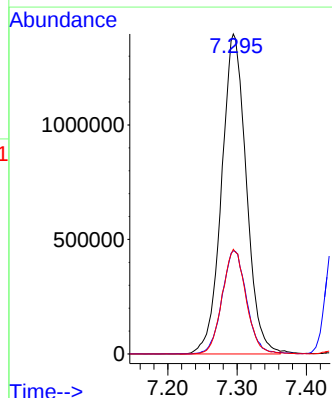
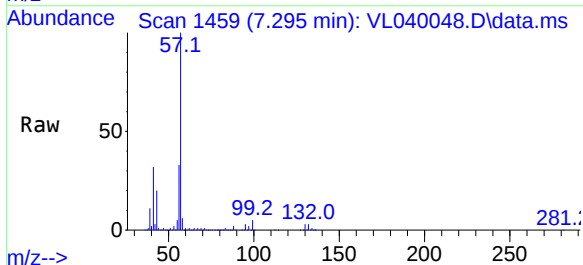
Tgt Ion: 57 Resp: 3459841

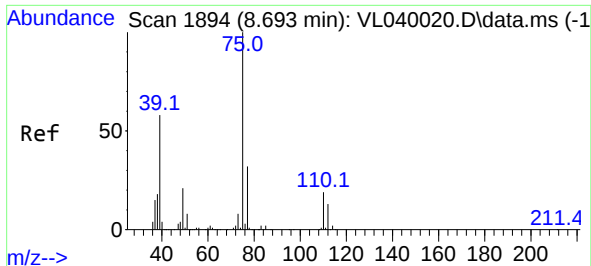
Ion Ratio Lower Upper

57 100

41 32.2 26.2 39.4

56 31.7 25.1 37.7





#45

t-1,3-Dichloropropene

Concen: 8.872 ppbv

RT: 8.680 min Scan# 11

Delta R.T. -0.013 min

Lab File: VL040048.D

Acq: 20 Dec 2022 8:13

Instrument :

MSVOA_L

ClientSampleId :

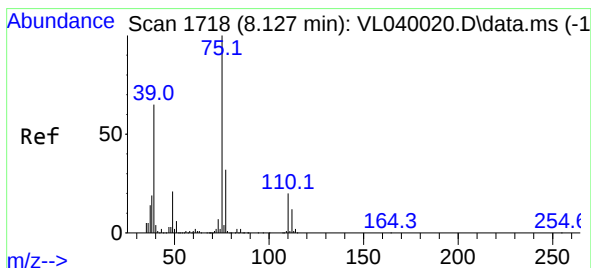
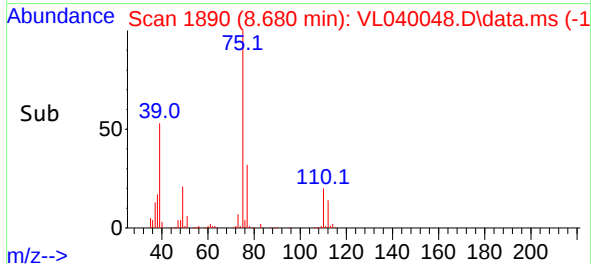
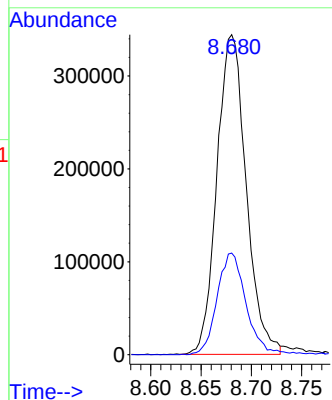
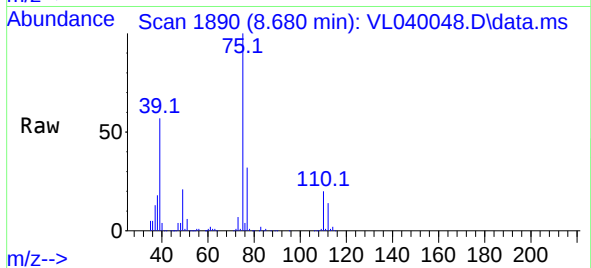
VSTDCCC010EC

Tgt Ion: 75 Resp: 695974

Ion Ratio Lower Upper

75 100

77 31.8 25.4 38.2



#46

cis-1,3-Dichloropropene

Concen: 8.820 ppbv

RT: 8.111 min Scan# 1713

Delta R.T. -0.016 min

Lab File: VL040048.D

Acq: 20 Dec 2022 8:13

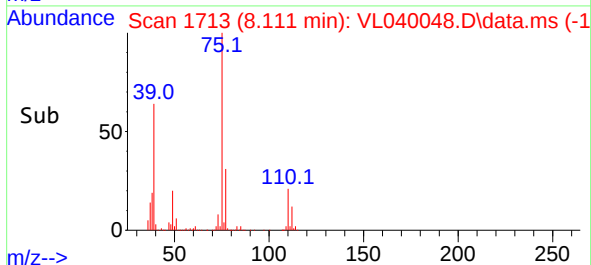
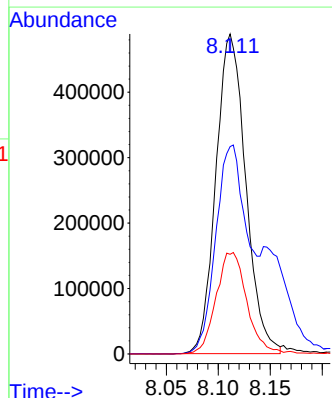
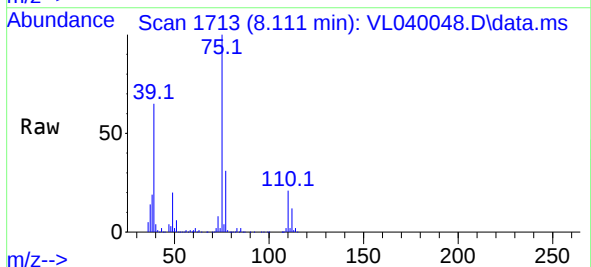
Tgt Ion: 75 Resp: 975821

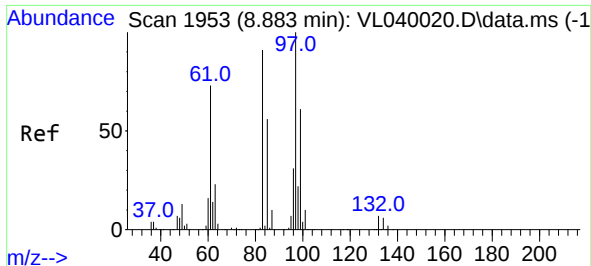
Ion Ratio Lower Upper

75 100

39 64.8 51.7 77.5

77 31.1 25.2 37.8





#47

1,1,2-Trichloroethane

Concen: 8.594 ppbv

RT: 8.867 min Scan# 1953

Delta R.T. -0.016 min

Lab File: VL040048.D

Acq: 20 Dec 2022 8:13

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 97 Resp: 872388

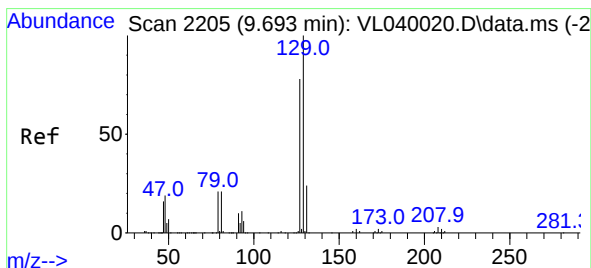
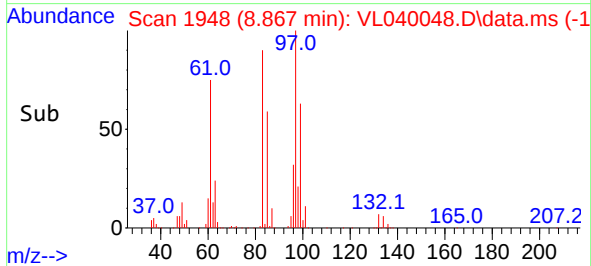
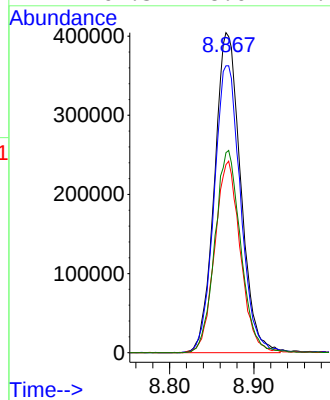
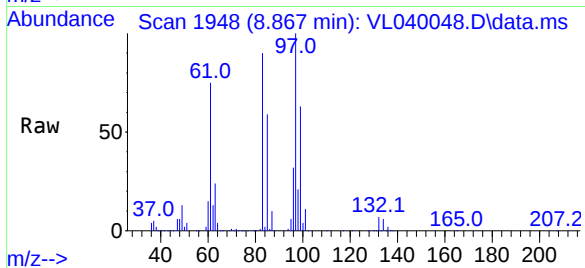
Ion Ratio Lower Upper

97 100

83 89.7 72.5 108.7

85 58.6 45.0 67.6

99 62.5 48.6 72.8



#48

Dibromochloromethane

Concen: 9.237 ppbv

RT: 9.677 min Scan# 2200

Delta R.T. -0.016 min

Lab File: VL040048.D

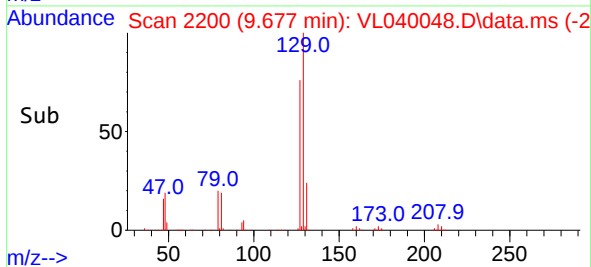
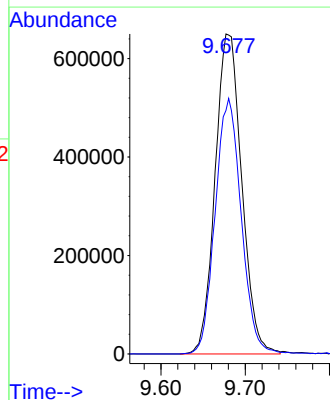
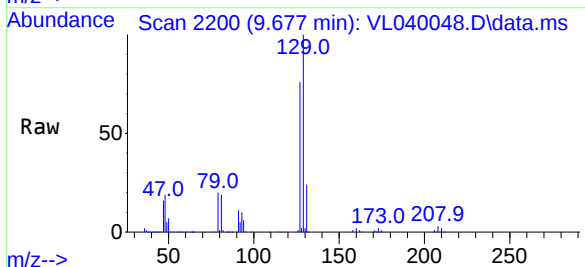
Acq: 20 Dec 2022 8:13

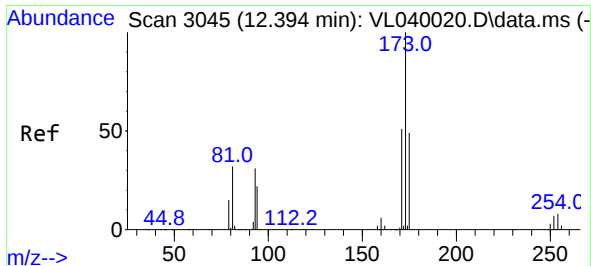
Tgt Ion: 129 Resp: 1426071

Ion Ratio Lower Upper

129 100

127 78.5 39.4 118.1

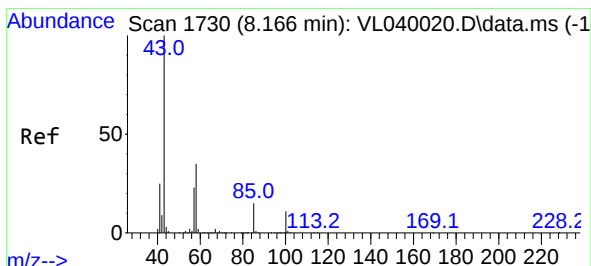
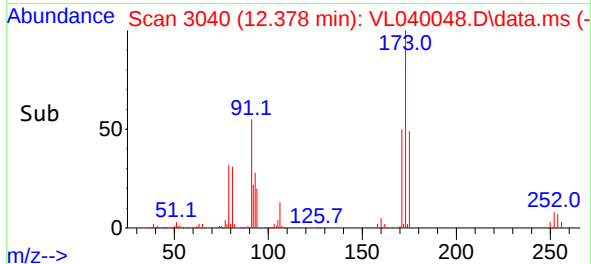
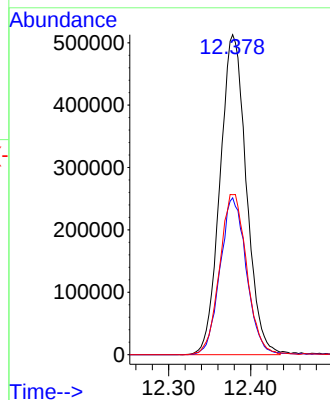
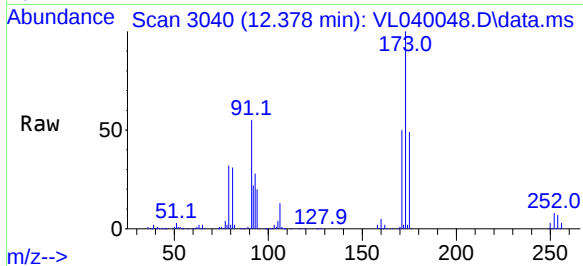




#49
Bromoform
Concen: 9.705 ppbv
RT: 12.378 min Scan# 3045
Delta R.T. -0.016 min
Lab File: VL040048.D
Acq: 20 Dec 2022 8:13

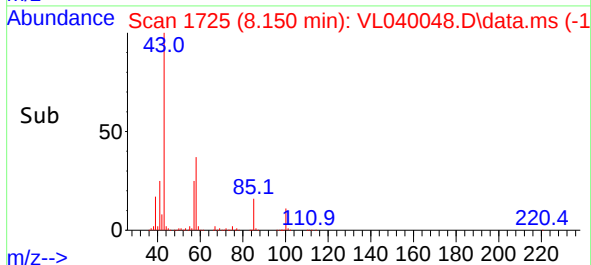
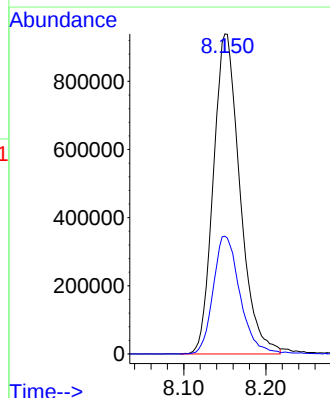
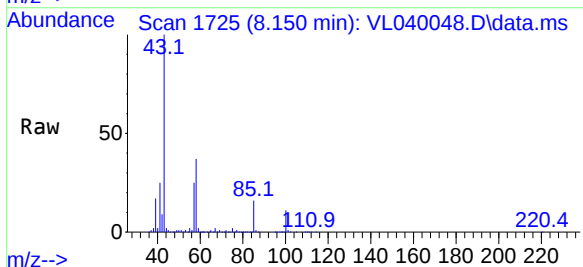
Instrument : MSVOA_L
ClientSampleId : VSTDCCC010EC

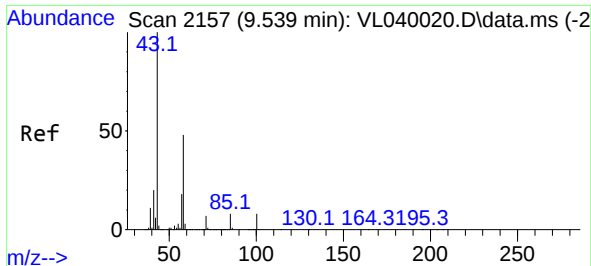
Tgt Ion:173 Resp: 1143014
Ion Ratio Lower Upper
173 100
175 49.2 39.0 58.4
171 51.7 42.0 63.0



#50
4-Methyl-2-Pentanone
Concen: 8.619 ppbv
RT: 8.150 min Scan# 1725
Delta R.T. -0.016 min
Lab File: VL040048.D
Acq: 20 Dec 2022 8:13

Tgt Ion: 43 Resp: 2115162
Ion Ratio Lower Upper
43 100
58 37.3 29.0 43.4



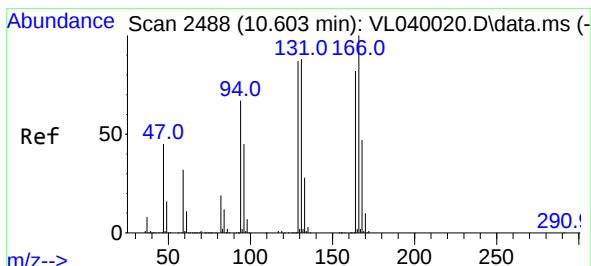
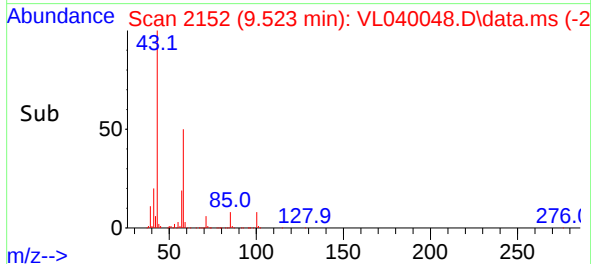
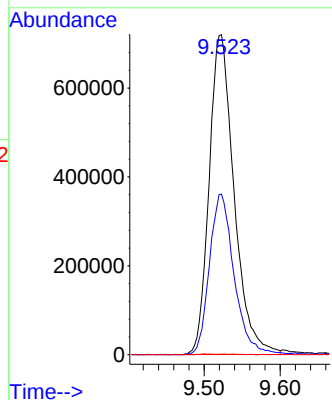
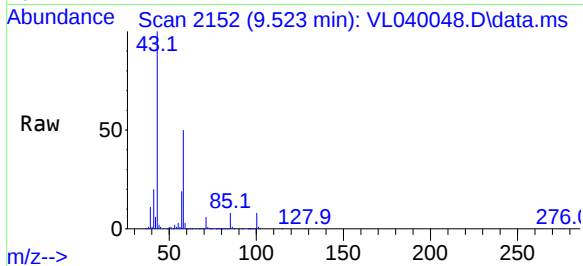


#51
2-Hexanone
Concen: 8.591 ppbv
RT: 9.523 min Scan# 2157
Delta R.T. -0.016 min
Lab File: VL040048.D
Acq: 20 Dec 2022 8:13

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 43 Resp: 1640047

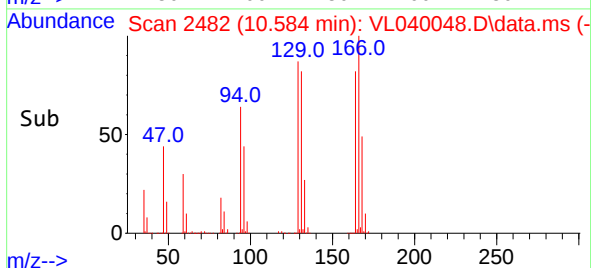
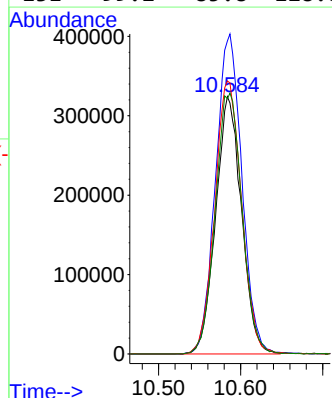
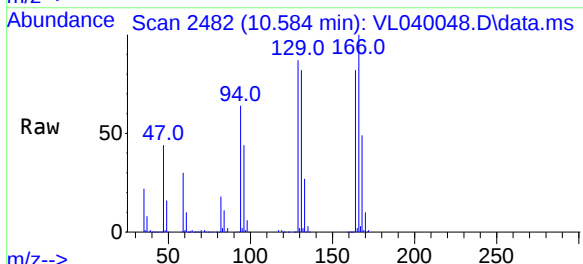
Ion	Ratio	Lower	Upper
43	100		
58	50.1	39.4	59.2
98	0.3	0.2	0.4

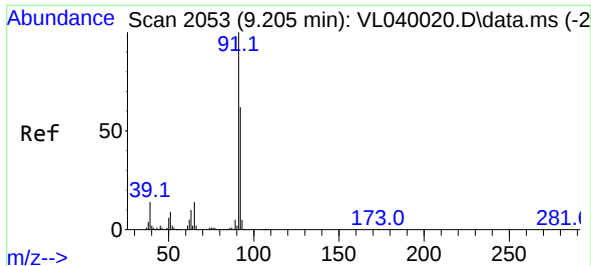


#52
Tetrachloroethene
Concen: 8.424 ppbv
RT: 10.584 min Scan# 2482
Delta R.T. -0.019 min
Lab File: VL040048.D
Acq: 20 Dec 2022 8:13

Tgt Ion: 164 Resp: 708266

Ion	Ratio	Lower	Upper
164	100		
166	121.6	97.4	146.0
129	106.1	84.3	126.5
131	99.2	85.8	128.8

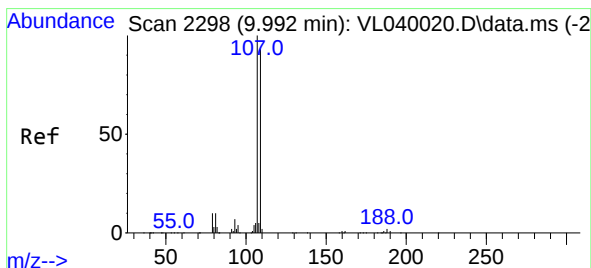
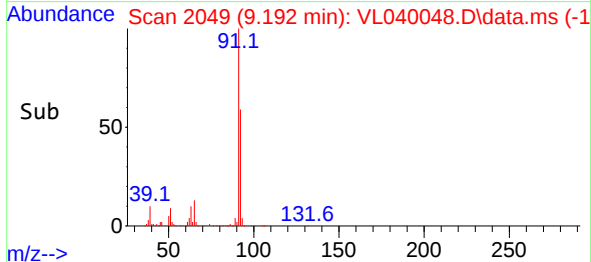
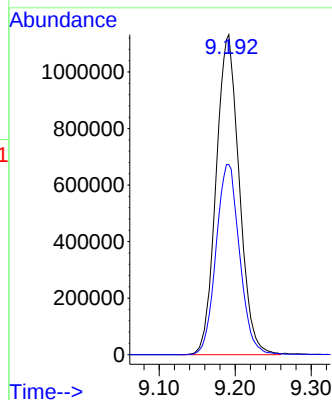
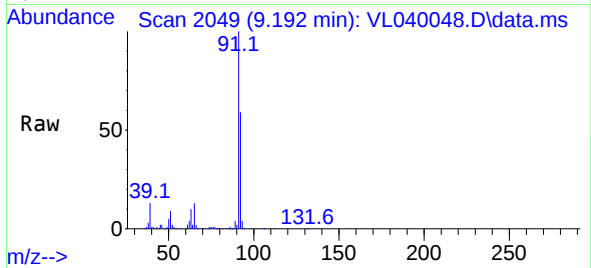




#53
Toluene
Concen: 8.732 ppbv
RT: 9.192 min Scan# 2049
Delta R.T. -0.013 min
Lab File: VL040048.D
Acq: 20 Dec 2022 8:13

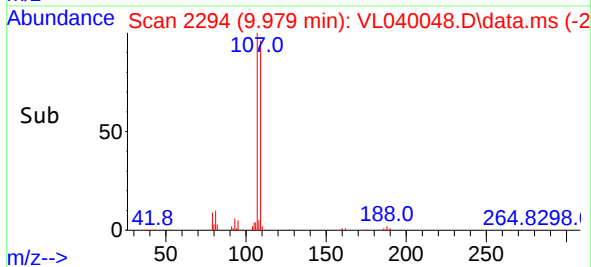
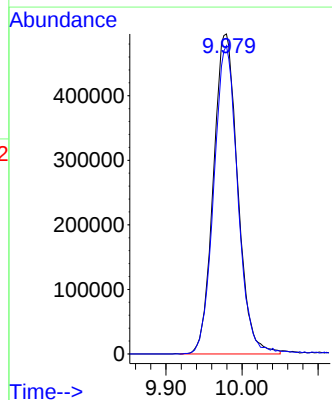
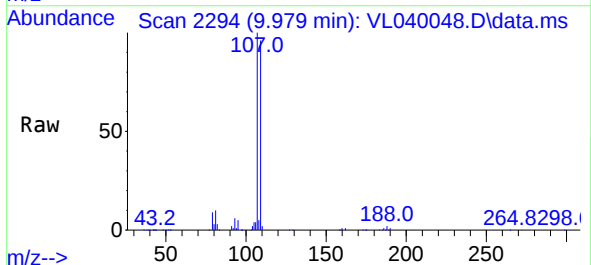
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

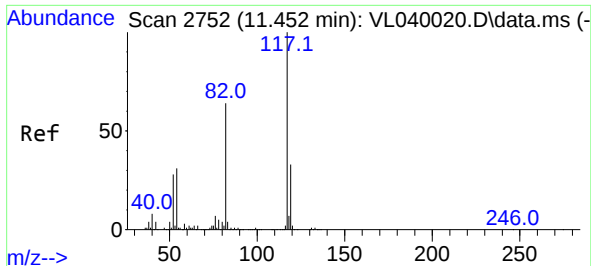
Tgt Ion: 91 Resp: 2390938
Ion Ratio Lower Upper
91 100
92 60.8 48.7 73.1



#54
1,2-Dibromoethane
Concen: 10.064 ppbv
RT: 9.979 min Scan# 2294
Delta R.T. -0.013 min
Lab File: VL040048.D
Acq: 20 Dec 2022 8:13

Tgt Ion: 107 Resp: 1100175
Ion Ratio Lower Upper
107 100
109 96.3 74.1 111.1

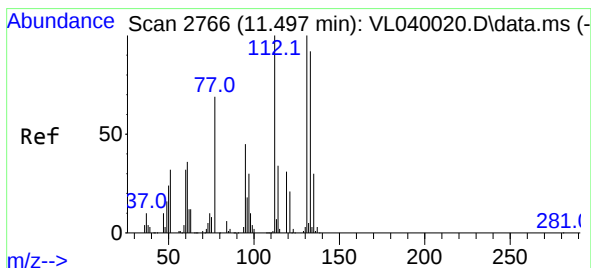
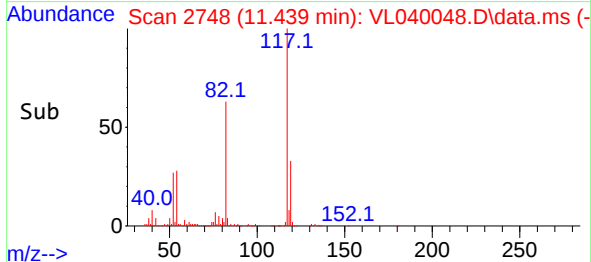
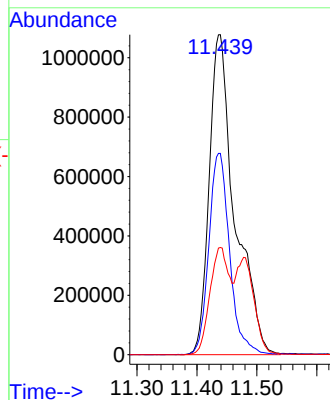
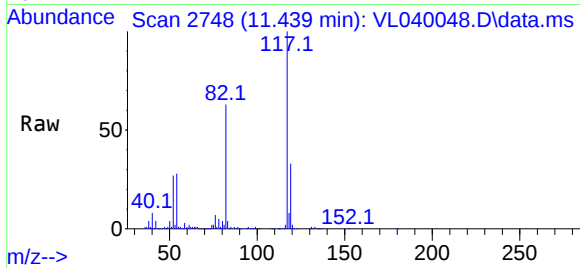




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.439 min Scan# 21
Delta R.T. -0.013 min
Lab File: VL040048.D
Acq: 20 Dec 2022 8:13

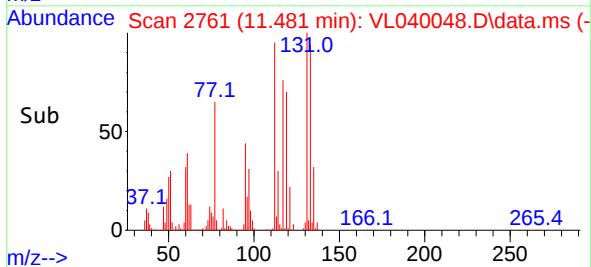
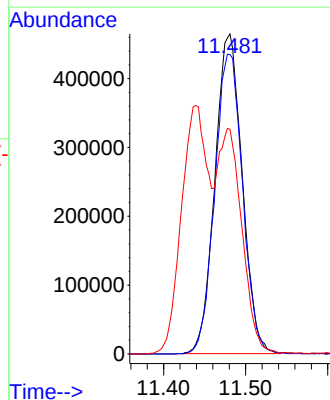
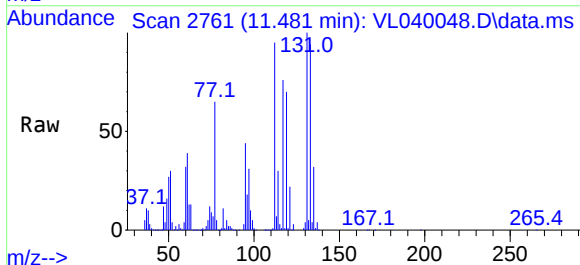
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

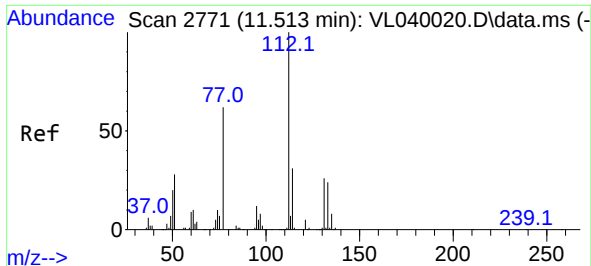
Tgt Ion:117 Resp: 3208523
Ion Ratio Lower Upper
117 100
82 51.2 51.2 76.8#
119 26.7 23.2 34.8



#56
1,1,1,2-Tetrachloroethane
Concen: 7.257 ppbv
RT: 11.481 min Scan# 2761
Delta R.T. -0.016 min
Lab File: VL040048.D
Acq: 20 Dec 2022 8:13

Tgt Ion:131 Resp: 1074059
Ion Ratio Lower Upper
131 100
133 95.7 75.8 113.8
119 66.9 52.3 78.5

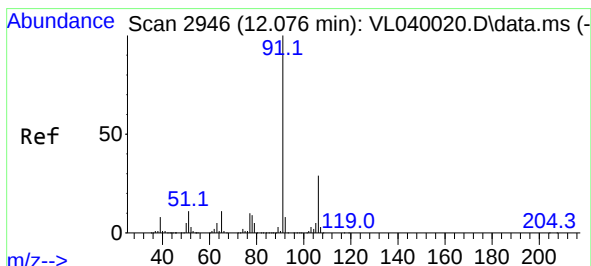
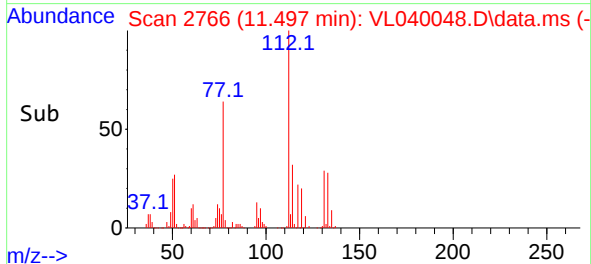
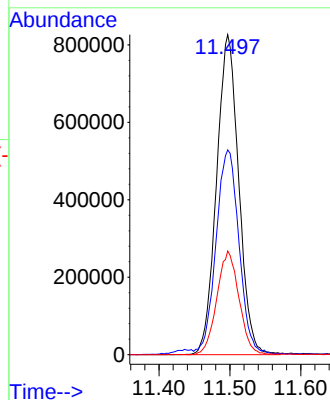
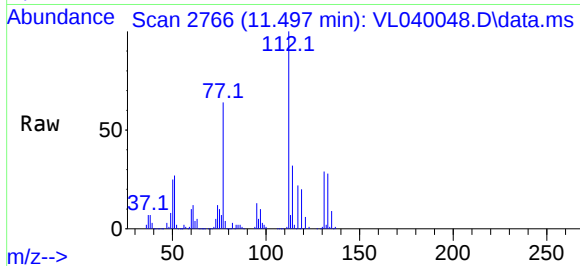




#57
Chlorobenzene
Concen: 6.594 ppbv
RT: 11.497 min Scan# 21
Delta R.T. -0.016 min
Lab File: VL040048.D
Acq: 20 Dec 2022 8:13

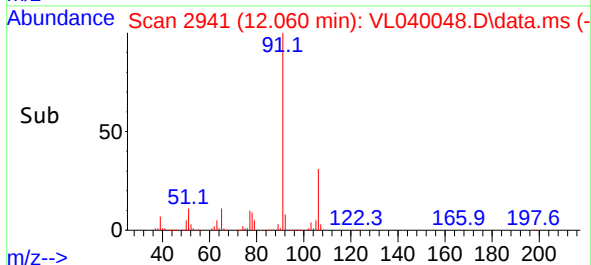
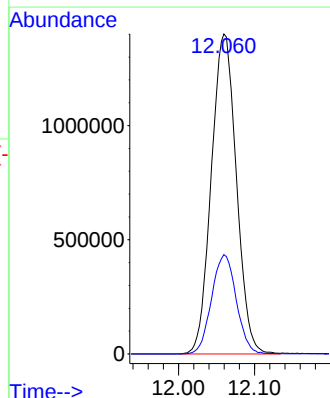
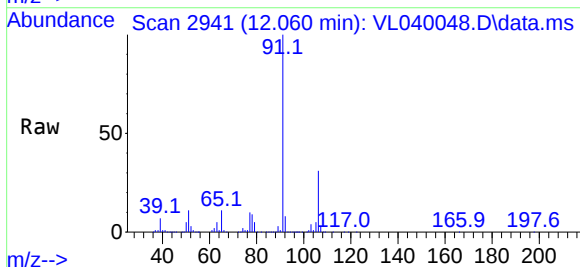
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

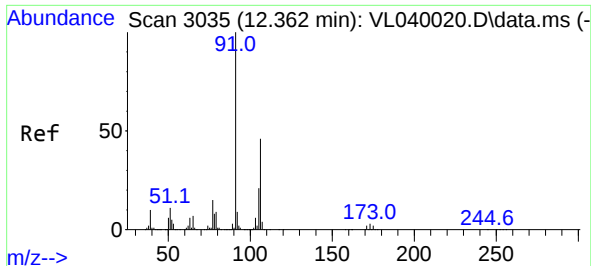
Tgt Ion:112 Resp: 1796102
Ion Ratio Lower Upper
112 100
77 63.6 50.6 75.8
114 32.3 27.8 34.0



#58
Ethyl Benzene
Concen: 7.032 ppbv
RT: 12.060 min Scan# 2941
Delta R.T. -0.016 min
Lab File: VL040048.D
Acq: 20 Dec 2022 8:13

Tgt Ion: 91 Resp: 3205526
Ion Ratio Lower Upper
91 100
106 31.0 23.5 35.3





#59

m/p-Xylene

Concen: 5.832 ppbv

RT: 12.343 min Scan# 3035

Delta R.T. -0.019 min

Lab File: VL040048.D

Acq: 20 Dec 2022 8:13

Instrument :

MSVOA_L

ClientSampleId :

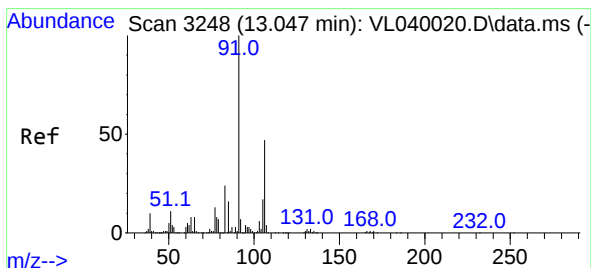
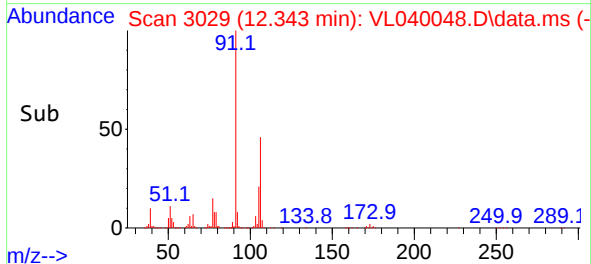
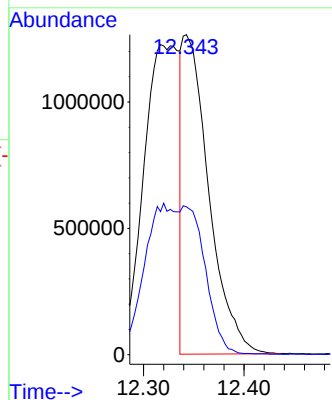
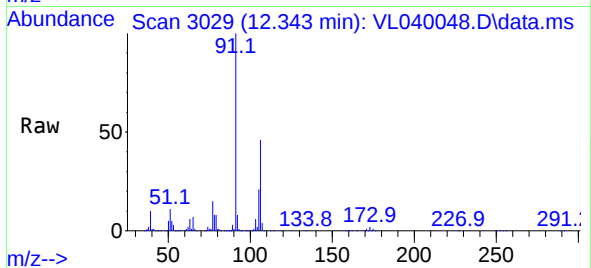
VSTDCCC010EC

Tgt Ion: 91 Resp: 2316250

Ion Ratio Lower Upper

91 100

106 0.0 35.5 53.3#



#60

o-Xylene

Concen: 6.682 ppbv

RT: 13.031 min Scan# 3243

Delta R.T. -0.016 min

Lab File: VL040048.D

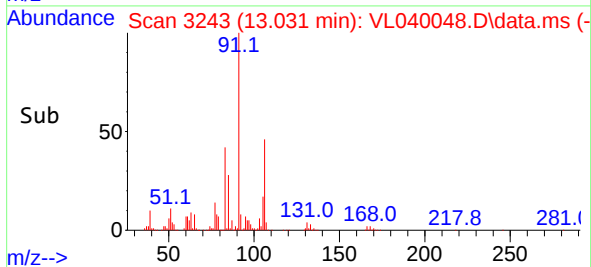
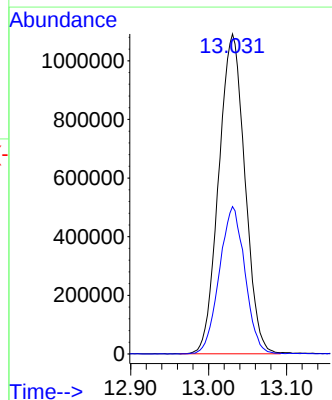
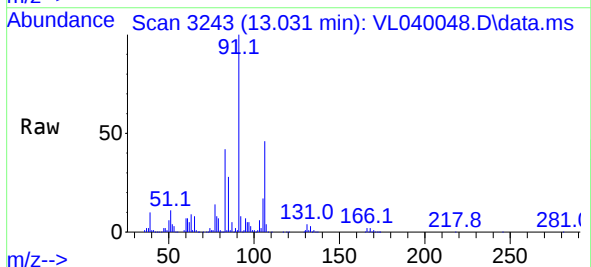
Acq: 20 Dec 2022 8:13

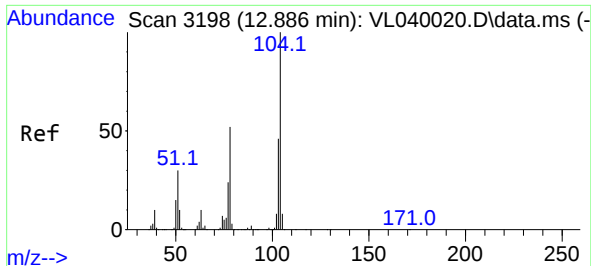
Tgt Ion: 91 Resp: 2542455

Ion Ratio Lower Upper

91 100

106 45.2 22.4 67.0

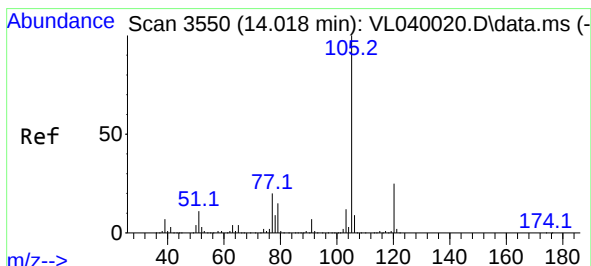
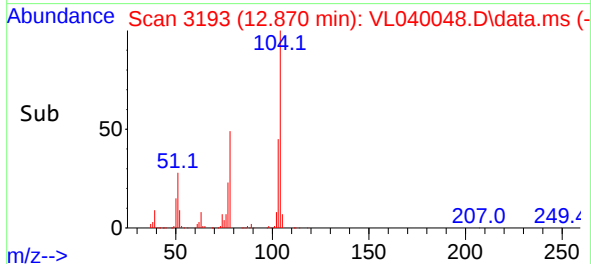
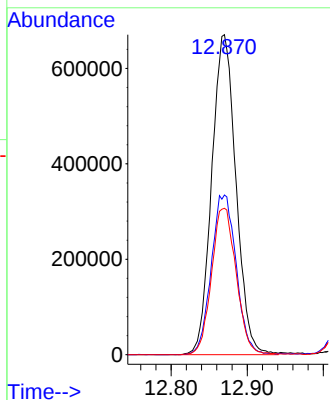
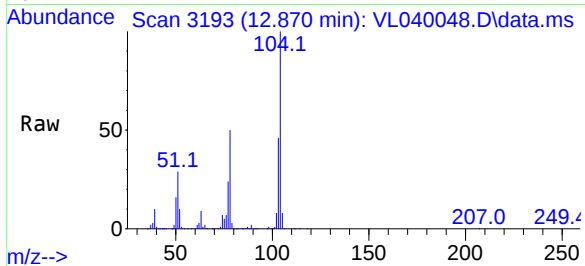




#61
Styrene
Concen: 7.284 ppbv
RT: 12.870 min Scan# 3193
Delta R.T. -0.016 min
Lab File: VL040048.D
Acq: 20 Dec 2022 8:13

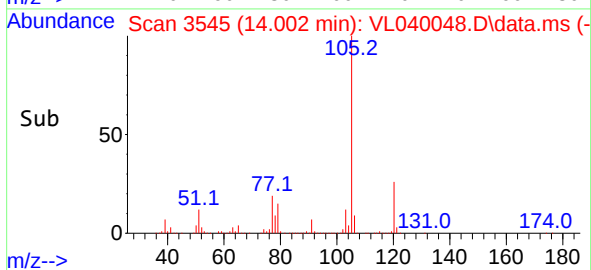
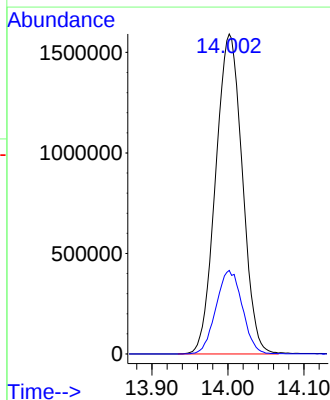
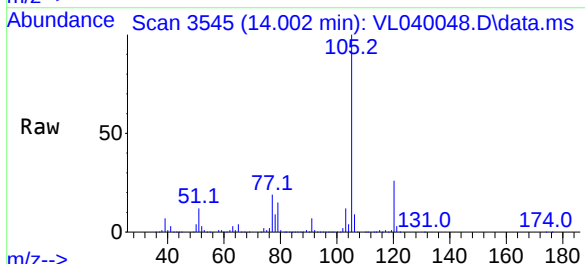
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

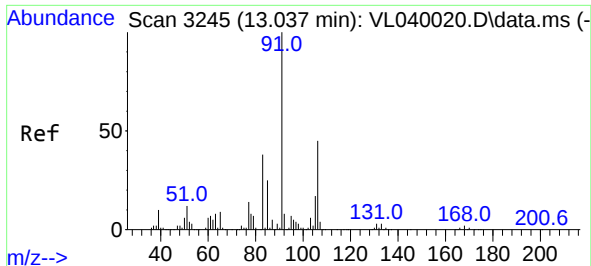
Tgt Ion:104 Resp: 1486477
Ion Ratio Lower Upper
104 100
78 51.5 42.4 63.6
103 46.8 37.2 55.8



#62
Isopropylbenzene
Concen: 7.062 ppbv
RT: 14.002 min Scan# 3545
Delta R.T. -0.016 min
Lab File: VL040048.D
Acq: 20 Dec 2022 8:13

Tgt Ion:105 Resp: 3873910
Ion Ratio Lower Upper
105 100
120 25.8 20.6 31.0

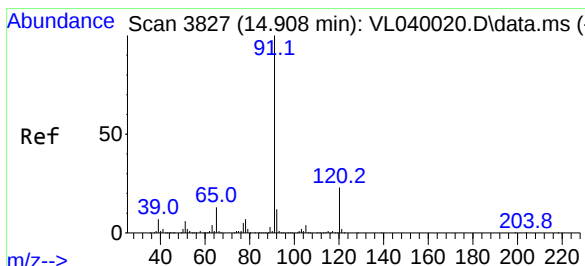
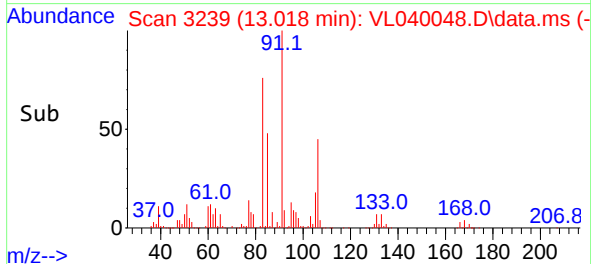
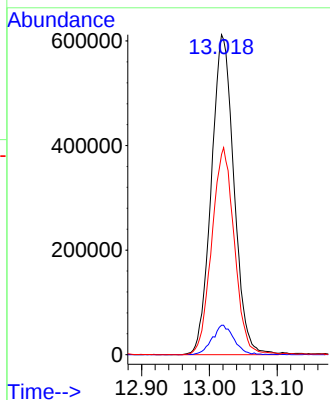
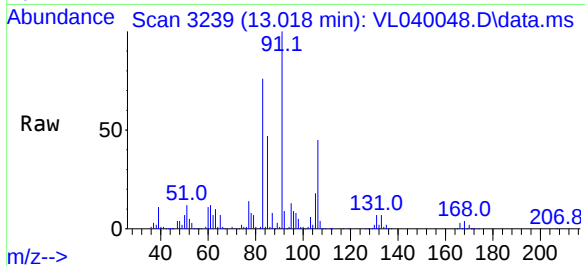




#63
1,1,2,2-Tetrachloroethane
Concen: 10.152 ppbv
RT: 13.018 min Scan# 31
Delta R.T. -0.019 min
Lab File: VL040048.D
Acq: 20 Dec 2022 8:13

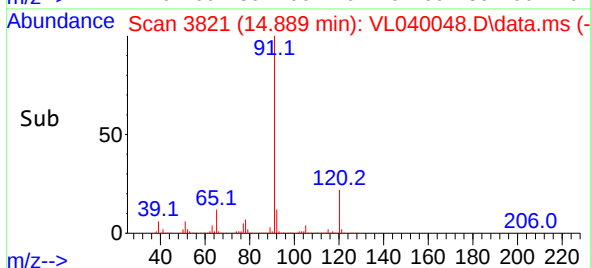
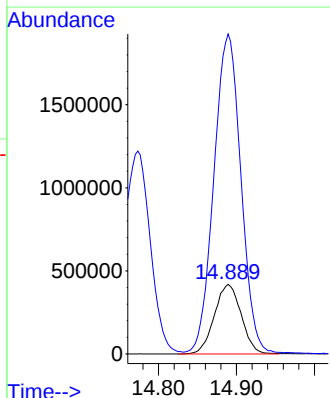
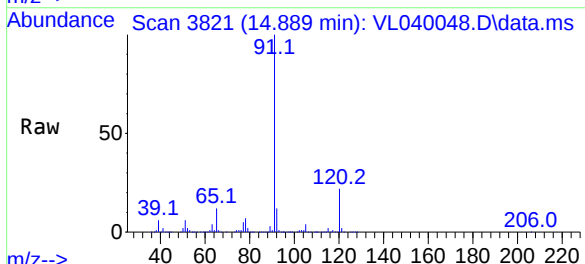
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

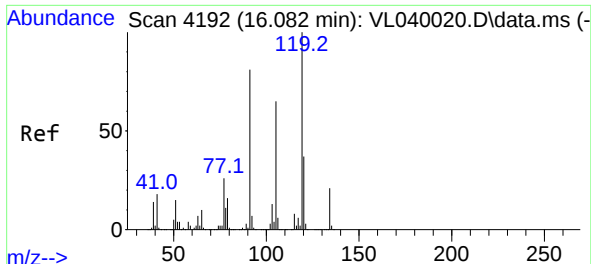
Tgt Ion: 83 Resp: 1416175
Ion Ratio Lower Upper
83 100
131 9.0 4.5 13.5
85 64.9 33.3 99.9



#64
n-propylbenzene
Concen: 7.215 ppbv
RT: 14.889 min Scan# 3821
Delta R.T. -0.019 min
Lab File: VL040048.D
Acq: 20 Dec 2022 8:13

Tgt Ion:120 Resp: 999686
Ion Ratio Lower Upper
120 100
91 466.7 384.3 576.5

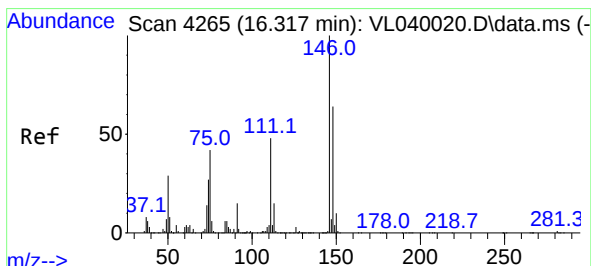
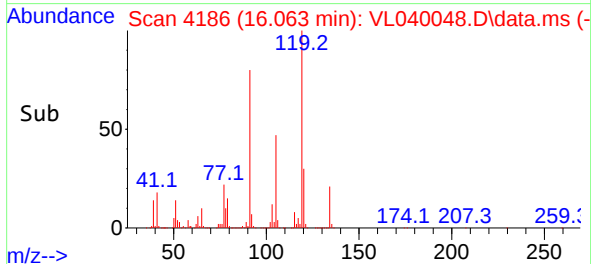
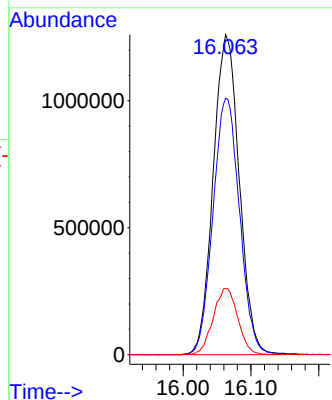
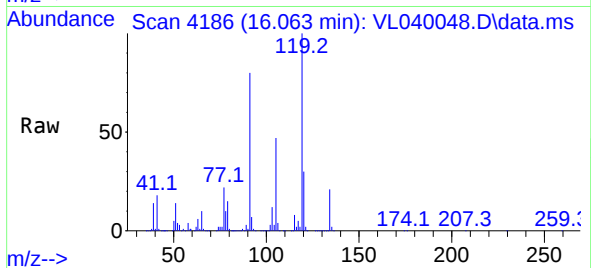




#65
tert-Butylbenzene
Concen: 7.054 ppbv
RT: 16.063 min Scan# 4192
Delta R.T. -0.019 min
Lab File: VL040048.D
Acq: 20 Dec 2022 8:13

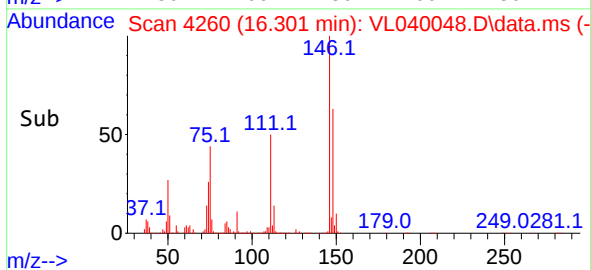
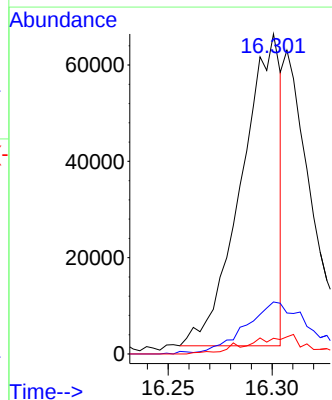
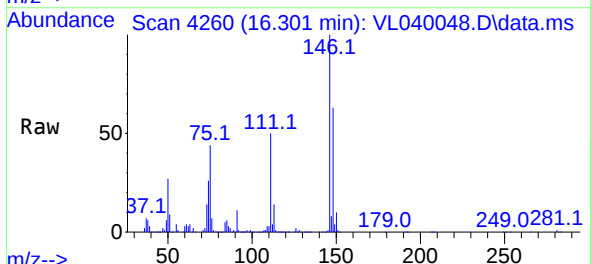
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

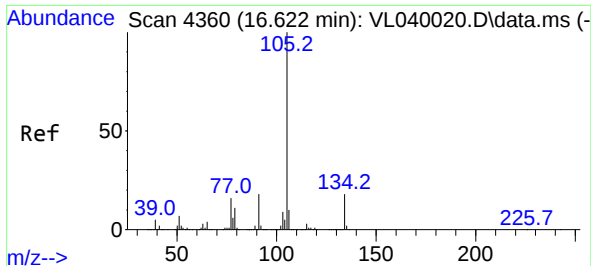
Tgt Ion:119 Resp: 3362524
Ion Ratio Lower Upper
119 100
91 81.8 66.9 100.3
134 19.6 15.8 23.6



#66
Benzyl Chloride
Concen: 3.060 ppbv
RT: 16.301 min Scan# 4260
Delta R.T. -0.016 min
Lab File: VL040048.D
Acq: 20 Dec 2022 8:13

Tgt Ion: 91 Resp: 85062
Ion Ratio Lower Upper
91 100
126 28.5 12.2 18.2#
128 0.0 4.2 6.2#

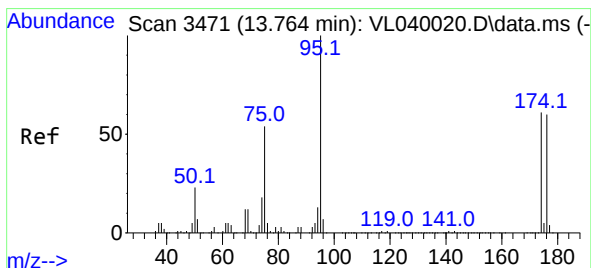
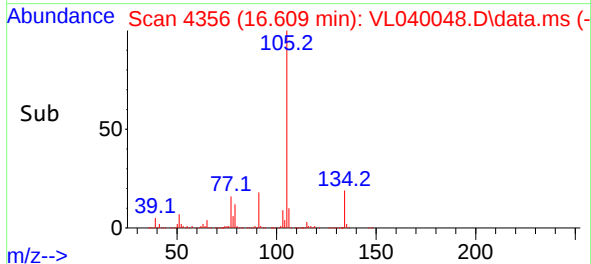
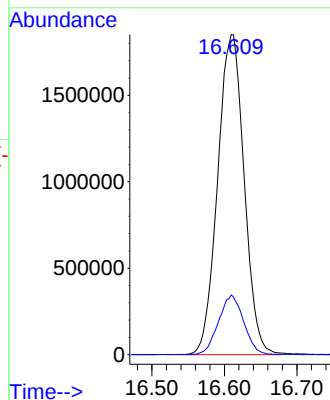
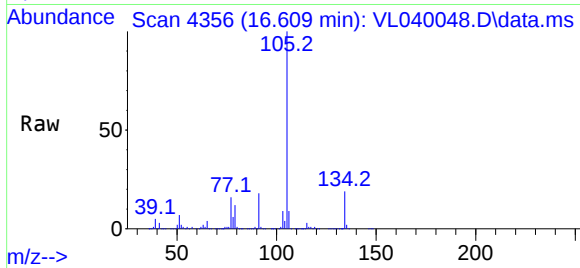




#67
 sec-Butylbenzene
 Concen: 7.023 ppbv
 RT: 16.609 min Scan# 41
 Delta R.T. -0.013 min
 Lab File: VL040048.D
 Acq: 20 Dec 2022 8:13

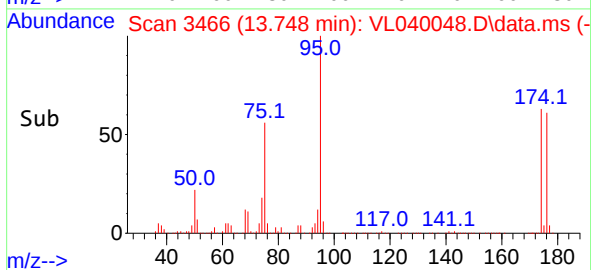
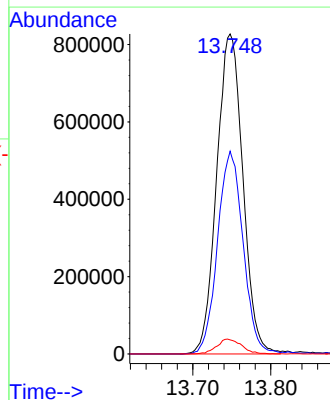
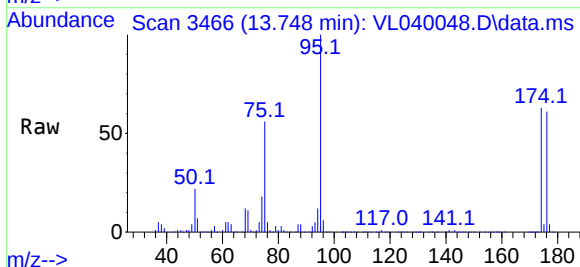
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

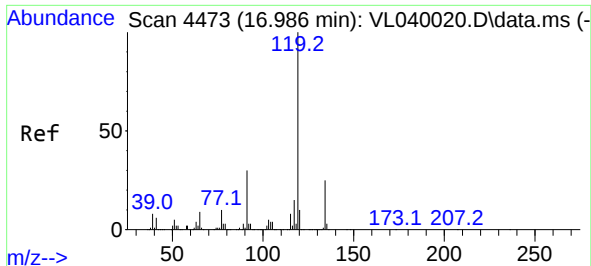
Tgt Ion:105 Resp: 4691514
 Ion Ratio Lower Upper
 105 100
 134 17.8 14.2 21.4



#68
 1-Bromo-4-Fluorobenzene
 Concen: 7.874 ppbv
 RT: 13.748 min Scan# 3466
 Delta R.T. -0.016 min
 Lab File: VL040048.D
 Acq: 20 Dec 2022 8:13

Tgt Ion: 95 Resp: 1929852
 Ion Ratio Lower Upper
 95 100
 174 62.5 48.6 73.0
 175 4.5 3.4 5.2

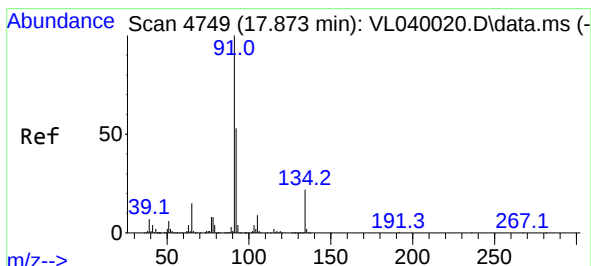
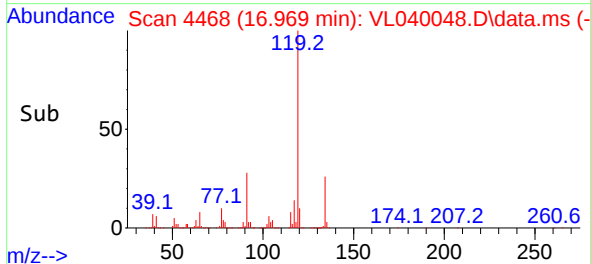
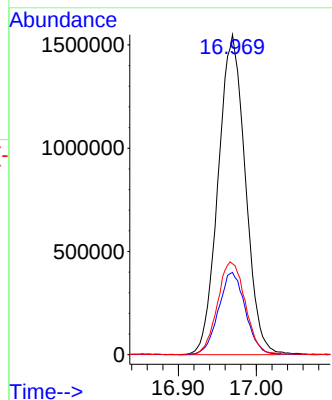
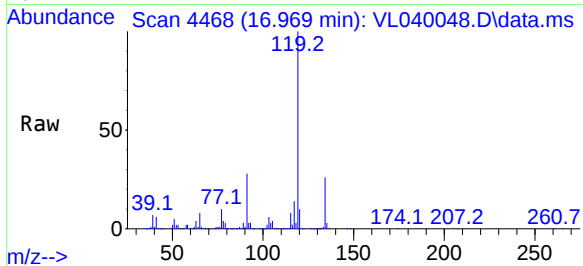




#69
p-Isopropyltoluene
Concen: 7.014 ppbv
RT: 16.969 min Scan# 4473
Delta R.T. -0.016 min
Lab File: VL040048.D
Acq: 20 Dec 2022 8:13

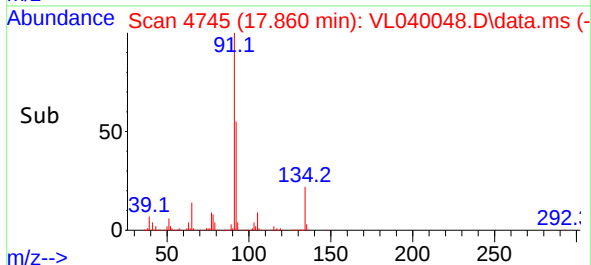
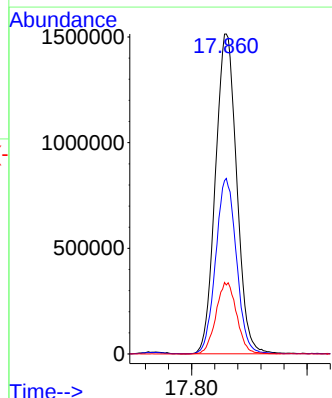
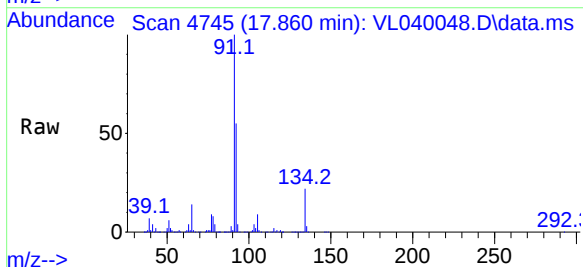
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

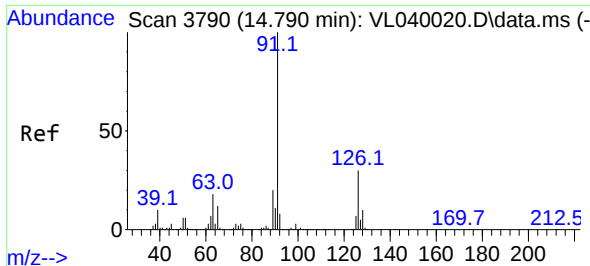
Tgt Ion:119 Resp: 3742787
Ion Ratio Lower Upper
119 100
134 25.6 20.2 30.4
91 29.8 24.2 36.4



#70
n-Butylbenzene
Concen: 6.926 ppbv
RT: 17.860 min Scan# 4745
Delta R.T. -0.013 min
Lab File: VL040048.D
Acq: 20 Dec 2022 8:13

Tgt Ion: 91 Resp: 3872414
Ion Ratio Lower Upper
91 100
92 53.5 43.2 64.8
134 21.9 17.4 26.2

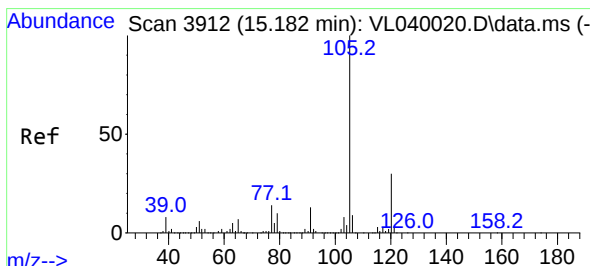
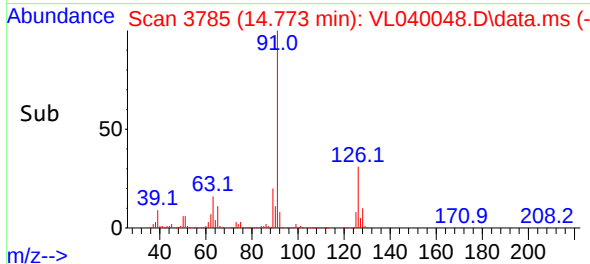
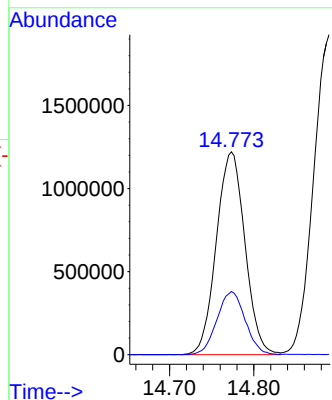
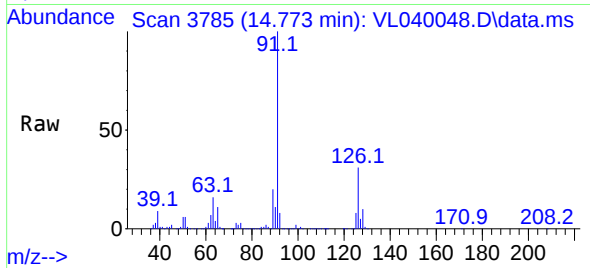




#71
2-Chlorotoluene
Concen: 6.875 ppbv
RT: 14.773 min Scan# 31
Delta R.T. -0.016 min
Lab File: VL040048.D
Acq: 20 Dec 2022 8:13

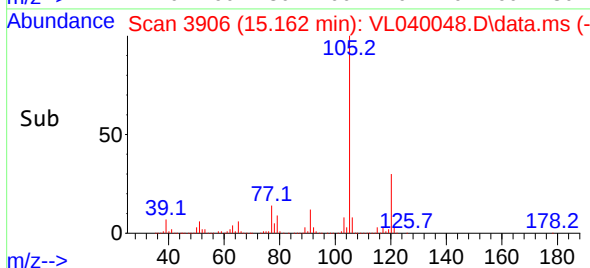
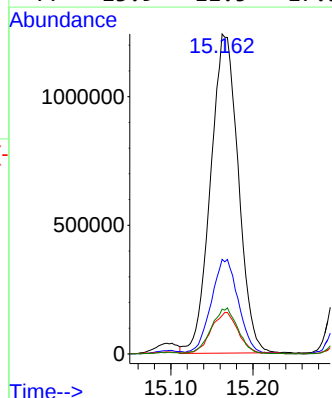
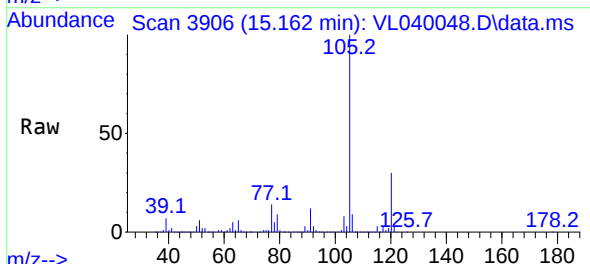
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

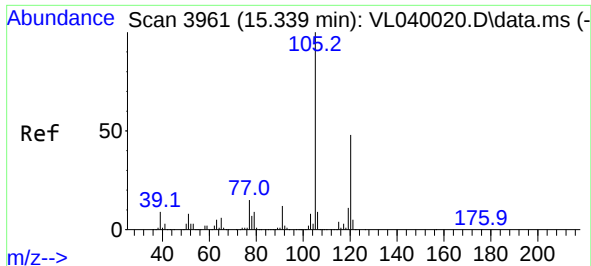
Tgt Ion: 91 Resp: 2877121
Ion Ratio Lower Upper
91 100
126 30.9 12.1 48.5



#72
4-Ethyltoluene
Concen: 6.898 ppbv
RT: 15.162 min Scan# 3906
Delta R.T. -0.019 min
Lab File: VL040048.D
Acq: 20 Dec 2022 8:13

Tgt Ion: 105 Resp: 2914045
Ion Ratio Lower Upper
105 100
120 29.4 23.5 35.3
91 12.9 10.5 15.7
77 13.9 11.5 17.3

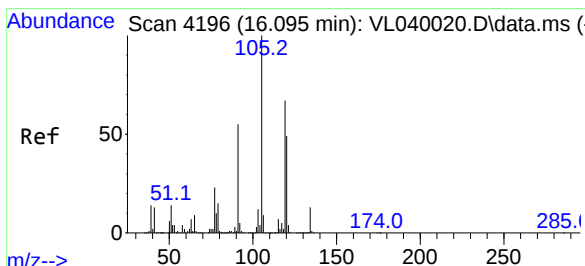
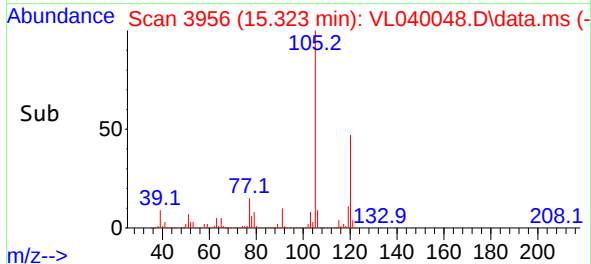
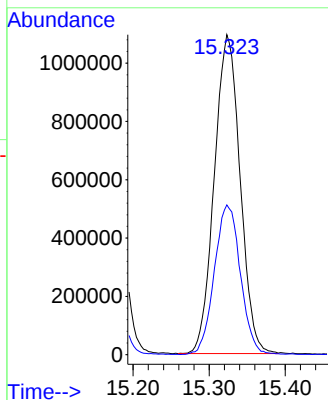
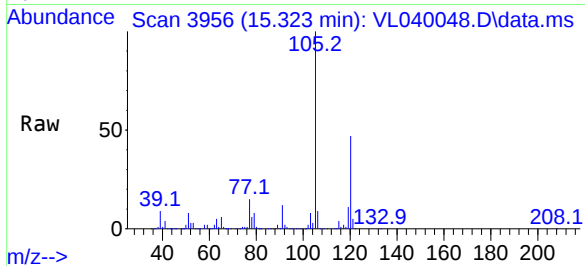




#73
1,3,5-Trimethylbenzene
Concen: 6.763 ppbv
RT: 15.323 min Scan# 3961
Delta R.T. -0.016 min
Lab File: VL040048.D
Acq: 20 Dec 2022 8:13

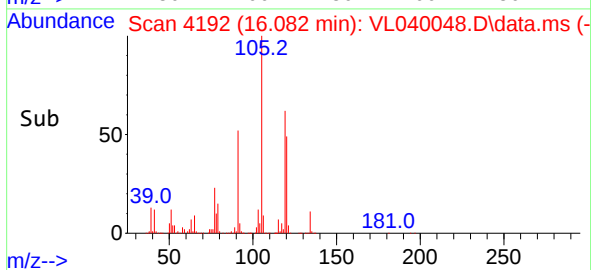
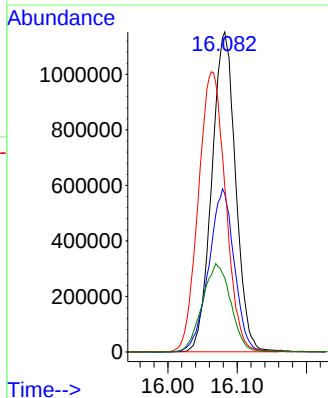
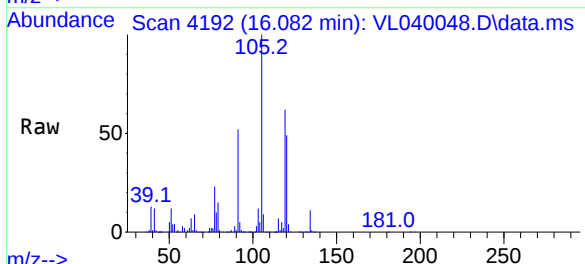
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

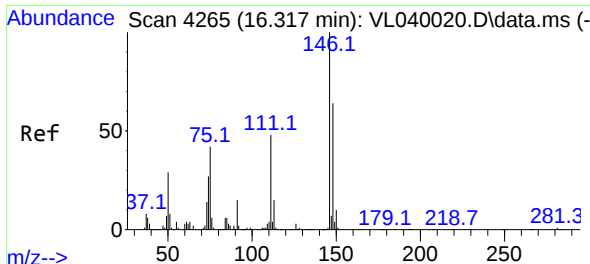
Tgt Ion:105 Resp: 2576736
Ion Ratio Lower Upper
105 100
120 46.9 38.4 57.6



#74
1,2,4-Trimethylbenzene
Concen: 6.553 ppbv
RT: 16.082 min Scan# 4192
Delta R.T. -0.013 min
Lab File: VL040048.D
Acq: 20 Dec 2022 8:13

Tgt Ion:105 Resp: 2752017
Ion Ratio Lower Upper
105 100
120 49.3 39.3 58.9
91 51.5 44.2 66.4
77 23.1 18.8 28.2

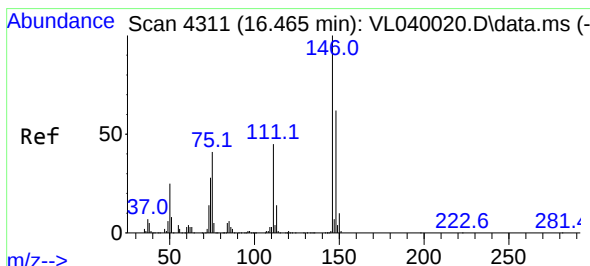
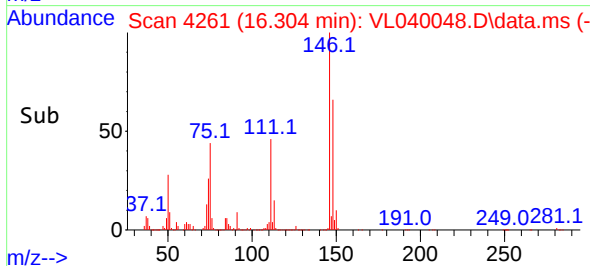
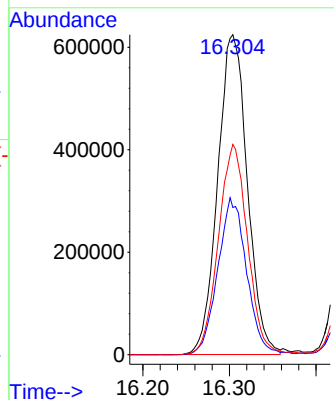
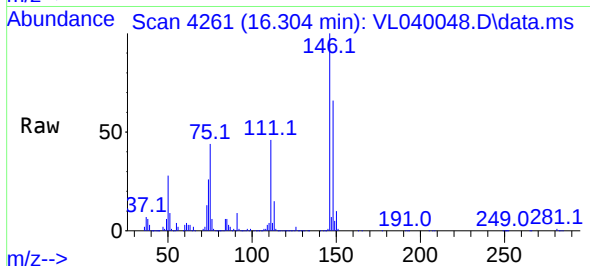




#75
1,3-Dichlorobenzene
Concen: 6.456 ppbv
RT: 16.304 min Scan# 4105
Delta R.T. -0.013 min
Lab File: VL040048.D
Acq: 20 Dec 2022 8:13

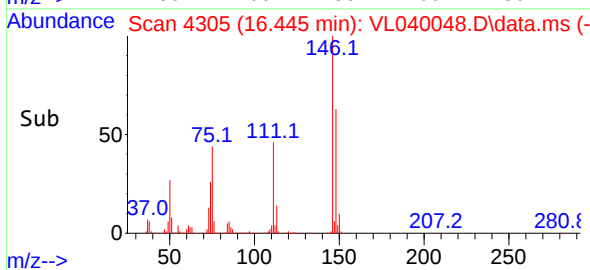
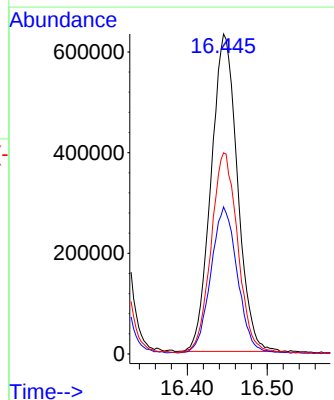
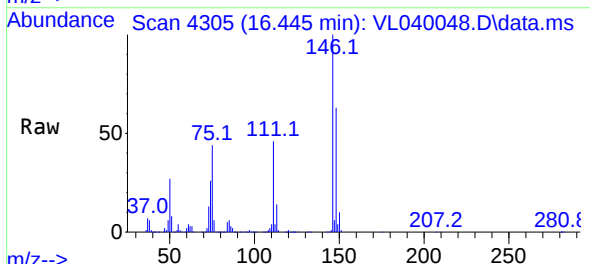
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

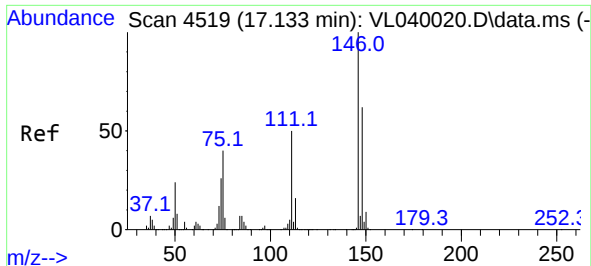
Tgt Ion:146 Resp: 1483603
Ion Ratio Lower Upper
146 100
111 47.9 23.9 71.8
148 65.0 32.0 96.2



#76
1,4-Dichlorobenzene
Concen: 6.430 ppbv
RT: 16.445 min Scan# 4305
Delta R.T. -0.019 min
Lab File: VL040048.D
Acq: 20 Dec 2022 8:13

Tgt Ion:146 Resp: 1442522
Ion Ratio Lower Upper
146 100
111 47.4 23.4 70.2
148 64.1 32.0 96.2

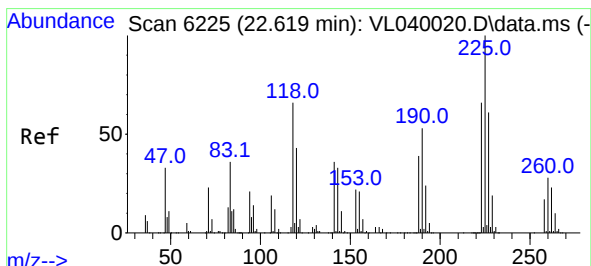
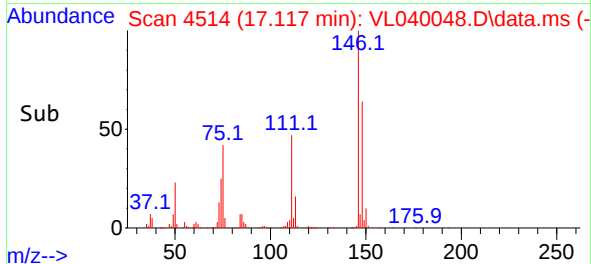
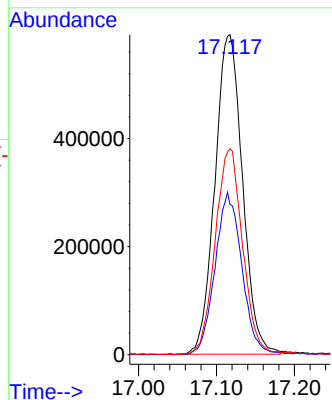
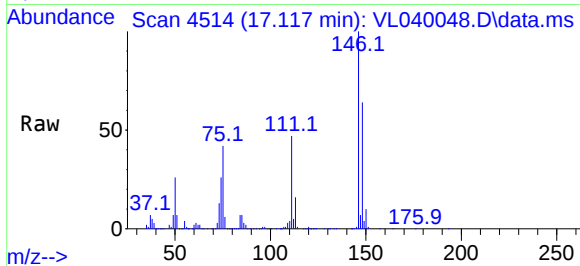




#77
1,2-Dichlorobenzene
Concen: 6.600 ppbv
RT: 17.117 min Scan# 41
Delta R.T. -0.016 min
Lab File: VL040048.D
Acq: 20 Dec 2022 8:13

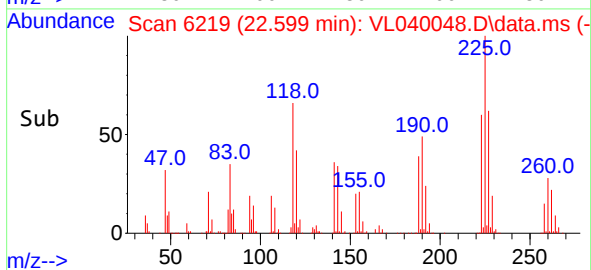
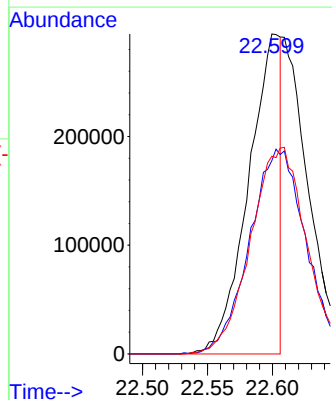
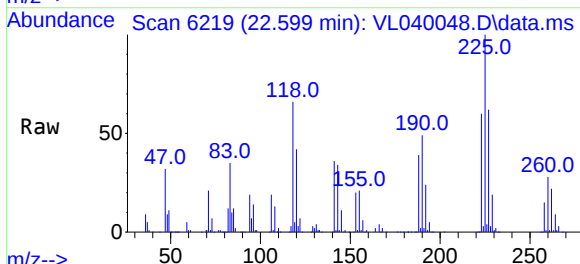
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

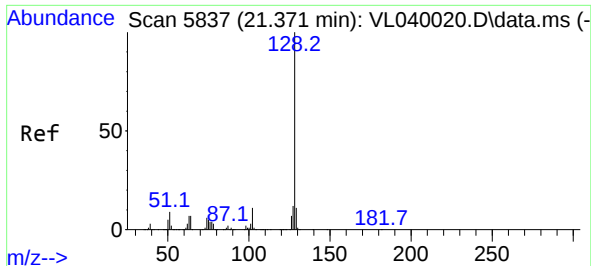
Tgt Ion:146 Resp: 1454597
Ion Ratio Lower Upper
146 100
111 49.5 25.3 75.9
148 64.1 31.9 95.9



#78
Hexachloro-1,3-Butadiene
Concen: 3.315 ppbv
RT: 22.599 min Scan# 6219
Delta R.T. -0.019 min
Lab File: VL040048.D
Acq: 20 Dec 2022 8:13

Tgt Ion:225 Resp: 506824
Ion Ratio Lower Upper
225 100
223 112.4 0.0 0.0#
227 112.3 0.0 0.0#

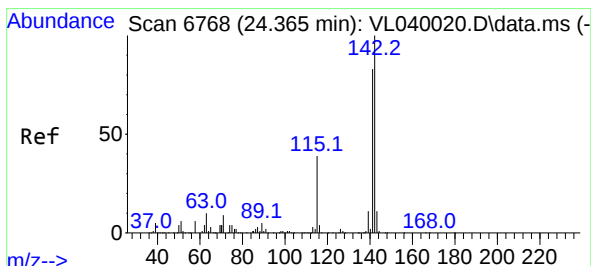
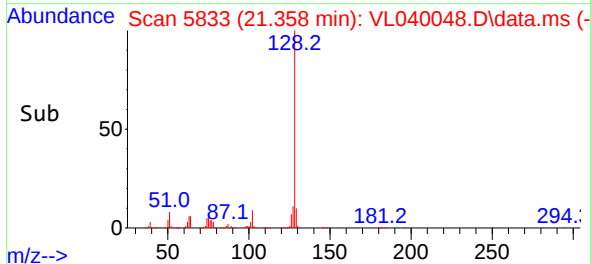
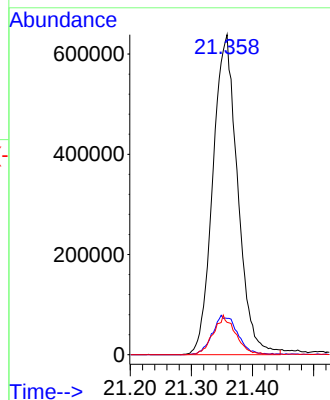
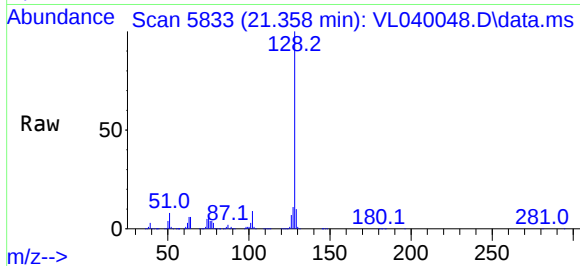




#79
Naphthalene
Concen: 7.189 ppbv
RT: 21.358 min Scan# 5833
Delta R.T. -0.013 min
Lab File: VL040048.D
Acq: 20 Dec 2022 8:13

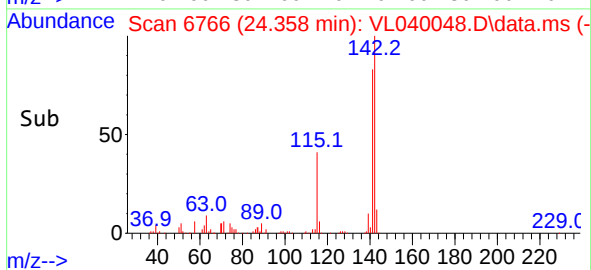
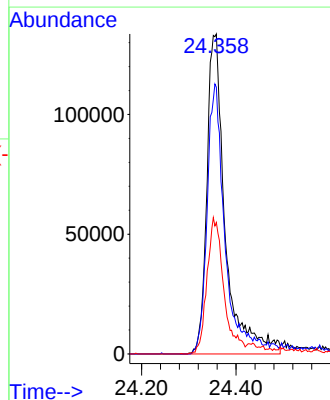
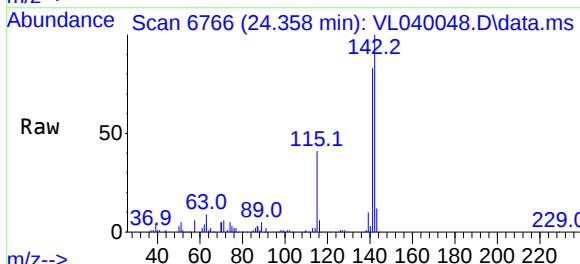
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

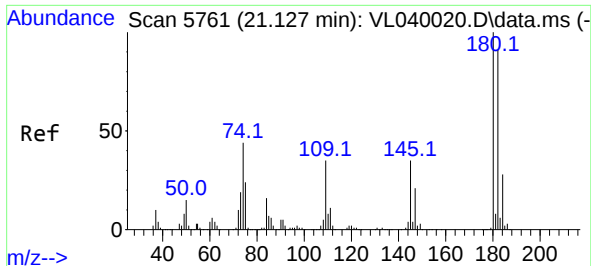
Tgt Ion:128 Resp: 1799037
Ion Ratio Lower Upper
128 100
127 11.4 10.0 15.0
129 10.1 8.8 13.2



#80
Naphthalene,2-methyl-
Concen: 4.724 ppbv
RT: 24.358 min Scan# 6766
Delta R.T. -0.006 min
Lab File: VL040048.D
Acq: 20 Dec 2022 8:13

Tgt Ion:142 Resp: 361705
Ion Ratio Lower Upper
142 100
141 84.8 65.3 97.9
115 42.2 31.9 47.9





#81

1,2,4-Trichlorobenzene

Concen: 6.350 ppbv

RT: 21.108 min Scan# 51

Delta R.T. -0.019 min

Lab File: VL040048.D

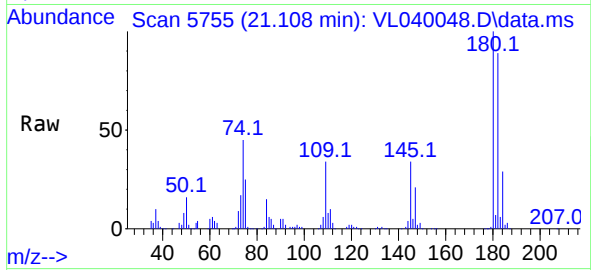
Acq: 20 Dec 2022 8:13

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC



Tgt Ion:180 Resp: 943870

Ion Ratio Lower Upper

180 100

182 95.5 76.6 115.0

184 30.4 24.9 37.3

