

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL060523\
 Data File : VL040461.D
 Acq On : 5 Jun 2023 18:08
 Operator : SY/MD
 Sample : VSTDIC015
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC015

Quant Time: Jun 06 06:00:43 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL060523AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Jun 06 05:55:55 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.192	49	1060477	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.658	114	2629444	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.478	117	2606912	10.000	ppbv	# 0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.786	95	2172491	10.097	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.000%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.719	85	3127083	13.549	ppbv	97
3) Chlorodifluoromethane	2.665	51	2292739	13.200	ppbv	100
4) Chloromethane	2.803	50	895416	13.318	ppbv	99
5) Vinyl Chloride	2.909	62	983107	14.280	ppbv	100
6) Bromomethane	3.108	94	493201	14.050	ppbv	96
7) Chloroethane	3.189	64	357876	14.203	ppbv	99
8) Dichlorotetrafluoroethane	2.848	85	2447250	13.426	ppbv	99
9) Propene	2.684	41	725739	13.550	ppbv	99
10) Heptane	7.584	43	1881141	15.517	ppbv	100
11) Trichlorofluoromethane	3.555	101	2500272	13.303	ppbv	99
12) 1,1,2-Trichlorotrifluo...	4.060	101	1853621	14.119	ppbv	99
13) Ethanol	3.227	45	161076	15.462	ppbv	100
14) Bromoethene	3.356	108	793107	14.443	ppbv	97
15) Acetone	3.459	43	1636171	12.792	ppbv	99
16) 1,3-Butadiene	2.973	39	903458	14.400	ppbv	98
17) tert-Butyl alcohol	3.870	59	1363266	12.757	ppbv	99
18) 1,1-Dichloroethene	3.873	96	847926	14.495	ppbv	97
19) Isopropyl Alcohol	3.565	45	820760	13.313	ppbv	98
20) Methylene Chloride	3.925	84	700440	12.644	ppbv	98
21) Allyl Chloride	3.989	41	1046710	14.488	ppbv	99
22) trans-1,2-Dichloroethene	4.439	96	875792	14.592	ppbv	98
23) Vinyl Acetate	4.623	43	1870740	15.042	ppbv	99
24) 1,1-Dichloroethane	4.562	63	1754878	14.003	ppbv	99
25) Ethyl Acetate	5.201	43	3216809	13.879	ppbv	100
26) Hexane	5.211	57	1484602	13.527	ppbv	98
27) Carbon Disulfide	4.118	76	2157340	15.717	ppbv	100
28) Methyl tert-Butyl Ether	4.581	73	1217269	14.141	ppbv	100
29) Chloroform	5.275	83	2582865	13.816	ppbv	96
30) Cyclohexane	6.606	84	1236992	15.147	ppbv	99
31) cis-1,2-Dichloroethene	5.076	61	1545517	14.719	ppbv	97
32) 1,1,1-Trichloroethane	6.005	97	2635795	14.160	ppbv	99
34) 2-Butanone	4.783	43	1868571	14.737	ppbv	99
35) Carbon Tetrachloride	6.494	117	2741013	15.160	ppbv	95
36) Benzene	6.372	78	3066740	14.659	ppbv	99
37) 1,2-Dichloroethane	5.809	62	2023980	14.854	ppbv	99
38) Trichloroethene	7.295	130	1300266	16.175	ppbv	99
39) 1,2-Dichloropropane	7.076	63	1194305	14.630	ppbv	97
40) 1,4-Dioxane	7.291	88	319160	14.286	ppbv #	100
41) Tetrahydrofuran	5.555	42	1059591	15.390	ppbv	99
42) Bromodichloromethane	7.256	83	2826219	15.062	ppbv	100
43) Methyl Methacrylate	7.481	69	1257638	16.738	ppbv	99
44) 2,2,4-Trimethylpentane	7.330	57	5063793	14.828	ppbv	100
45) t-1,3-Dichloropropene	8.719	75	1047405	18.830	ppbv	100

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Quant Time: Jun 06 06:00:43 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL060523AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Jun 06 05:55:55 2023
 Response via : Initial Calibration

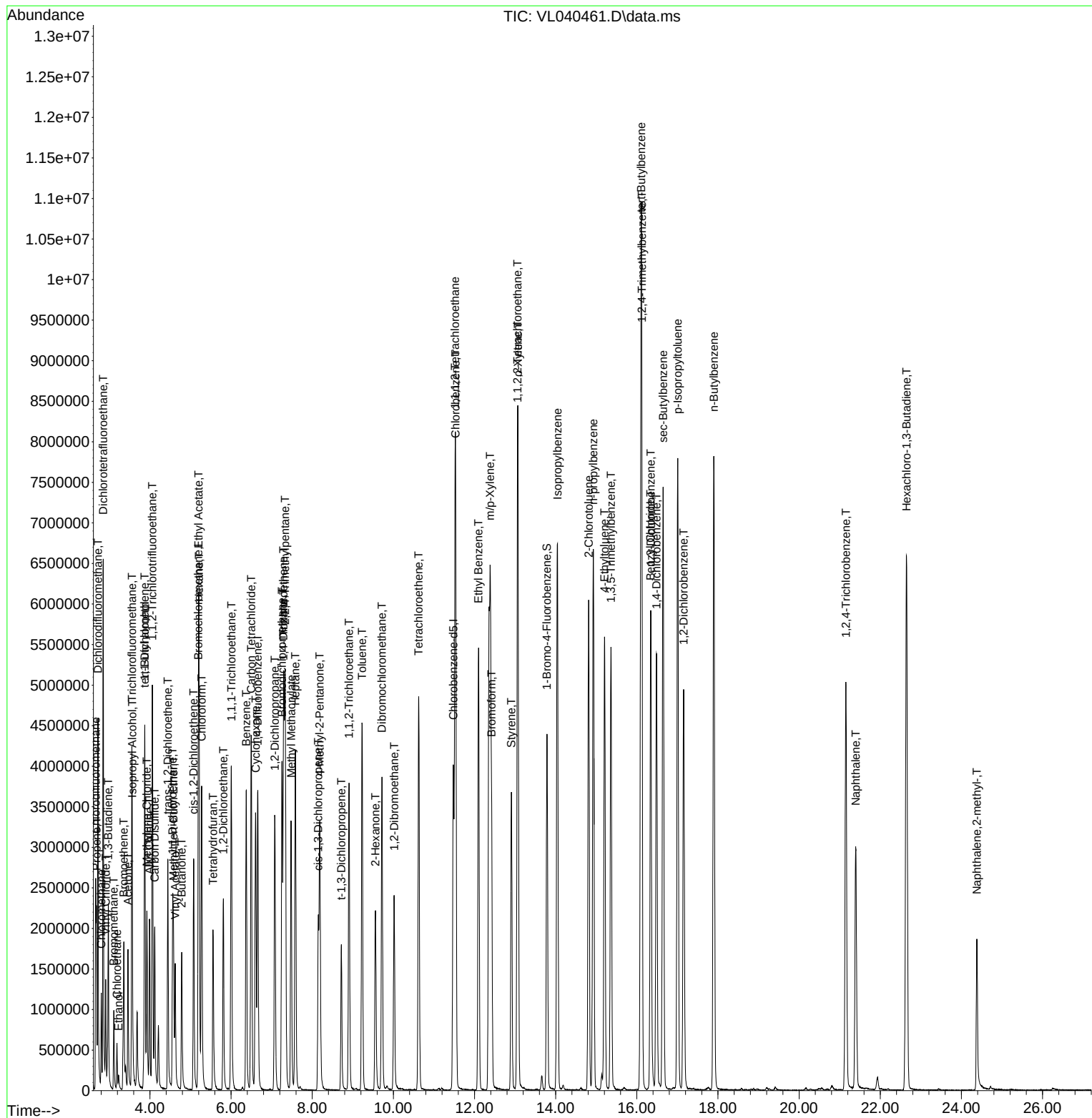
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.150	75	1187076	17.680	ppbv	98
47) 1,1,2-Trichloroethane	8.905	97	1331693	15.042	ppbv	98
48) Dibromochloromethane	9.719	129	2303743	16.261	ppbv	99
49) Bromoform	12.420	173	1798183	16.830	ppbv	100
50) 4-Methyl-2-Pentanone	8.185	43	2720145	16.103	ppbv	100
51) 2-Hexanone	9.558	43	1969919	16.831	ppbv	99
52) Tetrachloroethene	10.622	164	1117415	17.016	ppbv	96
53) Toluene	9.230	91	3620968	16.437	ppbv	100
54) 1,2-Dibromoethane	10.018	107	1966842	16.893	ppbv	99
56) 1,1,1,2-Tetrachloroethane	11.523	131	1736478	14.171	ppbv	97
57) Chlorobenzene	11.536	112	2827424	14.349	ppbv	98
58) Ethyl Benzene	12.098	91	5001690	15.849	ppbv	98
59) m/p-Xylene	12.384	91	5253193	18.150	ppbv #	53
60) o-Xylene	13.069	91	4224800	15.344	ppbv	99
61) Styrene	12.909	104	2159054	18.224	ppbv	99
62) Isopropylbenzene	14.044	105	6074111	14.841	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.060	83	2617894	14.488	ppbv	99
64) n-propylbenzene	14.928	120	1605471	16.748	ppbv	95
65) tert-Butylbenzene	16.105	119	5283098	14.926	ppbv	98
66) Benzyl Chloride	16.339	91	461909	17.586	ppbv	100
67) sec-Butylbenzene	16.648	105	7545671	14.737	ppbv	99
69) p-Isopropyltoluene	17.008	119	6215184	15.281	ppbv	100
70) n-Butylbenzene	17.899	91	6821965	15.017	ppbv	98
71) 2-Chlorotoluene	14.815	91	4753192	15.640	ppbv	100
72) 4-Ethyltoluene	15.204	105	4968481	16.022	ppbv	99
73) 1,3,5-Trimethylbenzene	15.362	105	4308843	15.720	ppbv	100
74) 1,2,4-Trimethylbenzene	16.124	105	4793368	14.865	ppbv	96
75) 1,3-Dichlorobenzene	16.342	146	2715195	15.045	ppbv	99
76) 1,4-Dichlorobenzene	16.484	146	2699984	15.107	ppbv	99
77) 1,2-Dichlorobenzene	17.153	146	2526441	14.602	ppbv	100
78) Hexachloro-1,3-Butadiene	22.648	225	1867347	14.121	ppbv	100
79) Naphthalene	21.400	128	3686741	19.935	ppbv	99
80) Naphthalene,2-methyl-	24.381	142	1243787	23.915	ppbv	97
81) 1,2,4-Trichlorobenzene	21.153	180	2108927	16.450	ppbv	100

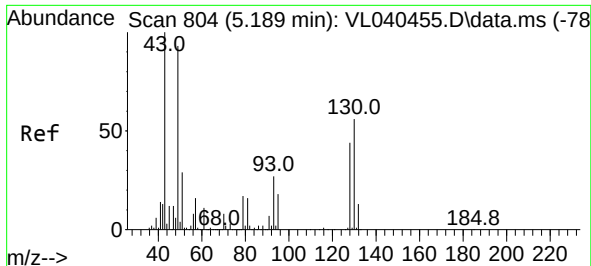
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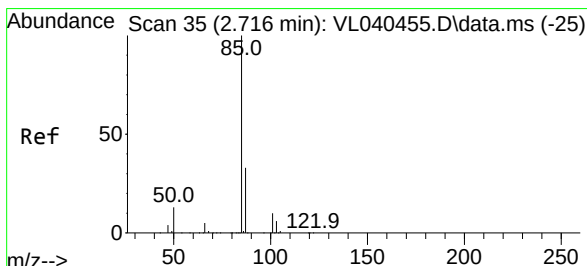
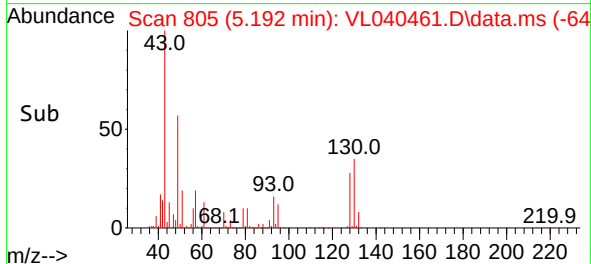
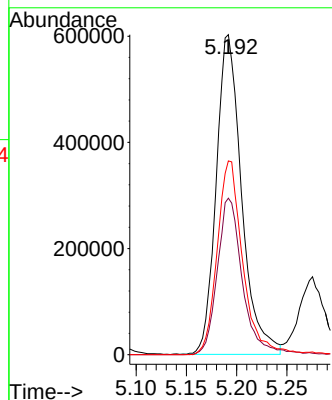
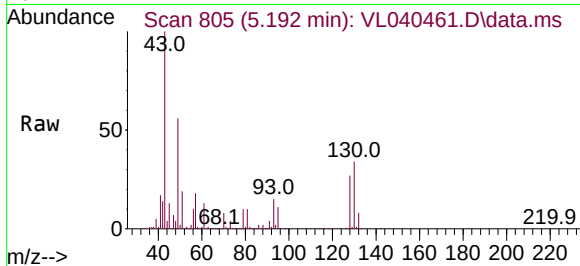




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.192 min Scan# 80
Delta R.T. 0.003 min
Lab File: VL040461.D
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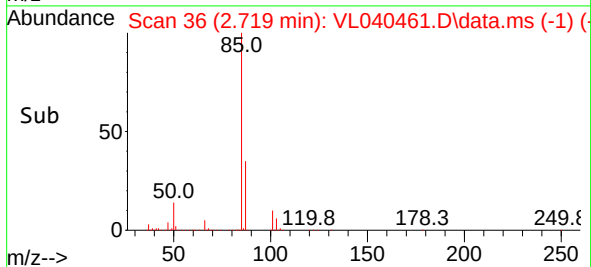
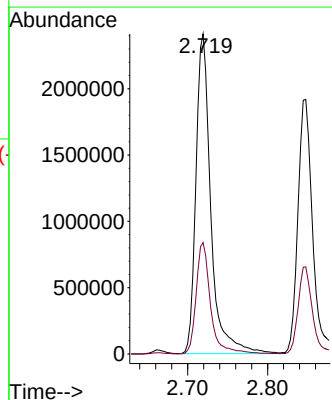
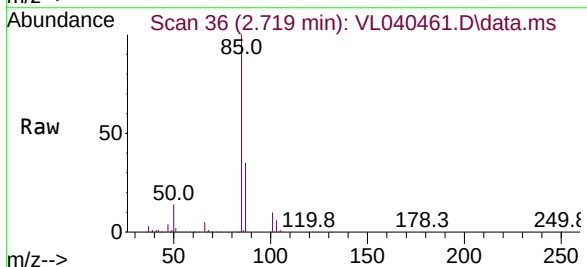
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

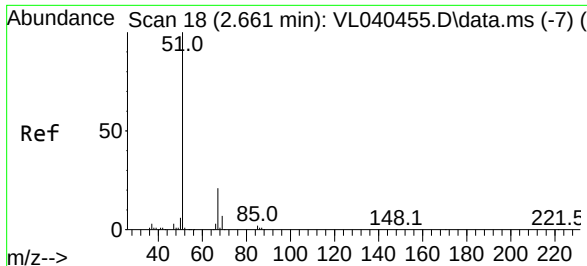
Tgt Ion: 49 Resp: 1060477
Ion Ratio Lower Upper
49 100
128 48.9 24.7 74.1
130 61.8 31.4 94.2



#2
Dichlorodifluoromethane
Concen: 13.549 ppbv
RT: 2.719 min Scan# 36
Delta R.T. 0.003 min
Lab File: VL040461.D
Acq: 5 Jun 2023 18:08

Tgt Ion: 85 Resp: 3127083
Ion Ratio Lower Upper
85 100
87 34.8 26.6 39.8

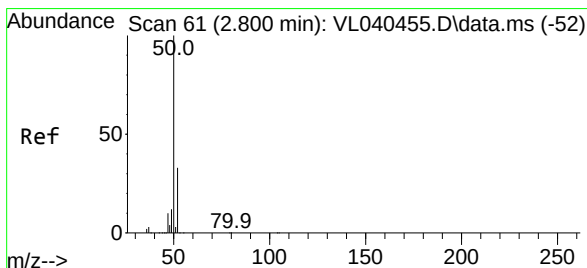
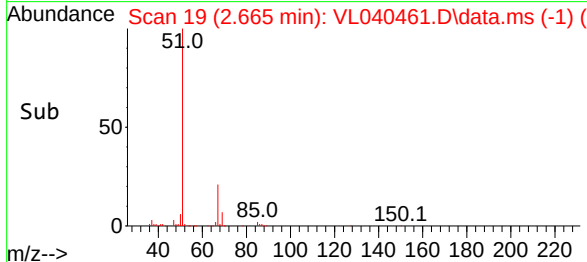
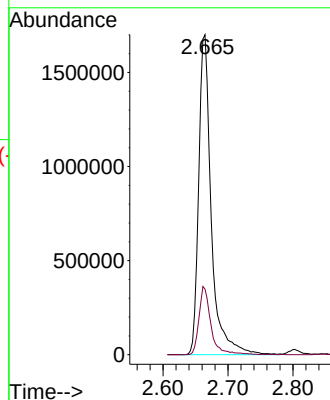
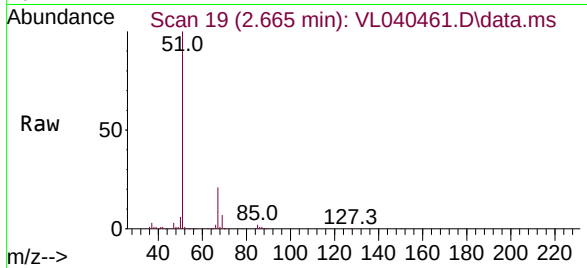




#3
Chlorodifluoromethane
Concen: 13.200 ppbv
RT: 2.665 min Scan# 19
Delta R.T. 0.003 min
Lab File: VL040461.D
Acq: 5 Jun 2023 18:08

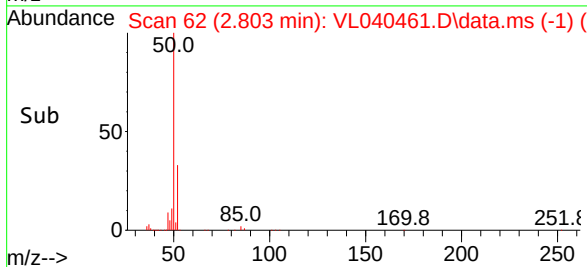
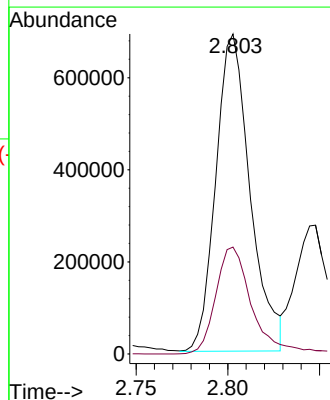
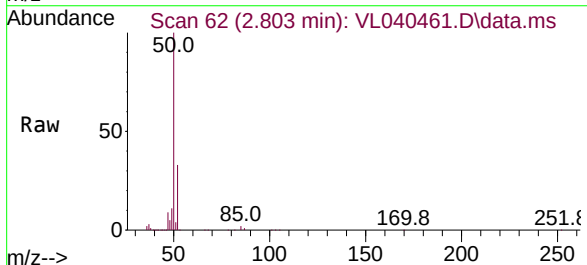
Instrument :
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VSTDIC015

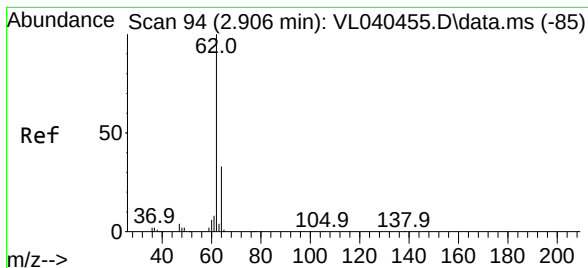
Tgt Ion: 51 Resp: 2292739
Ion Ratio Lower Upper
51 100
67 20.4 16.3 24.5



#4
Chloromethane
Concen: 13.318 ppbv
RT: 2.803 min Scan# 62
Delta R.T. 0.003 min
Lab File: VL040461.D
Acq: 5 Jun 2023 18:08

Tgt Ion: 50 Resp: 895416
Ion Ratio Lower Upper
50 100
52 33.7 26.3 39.5

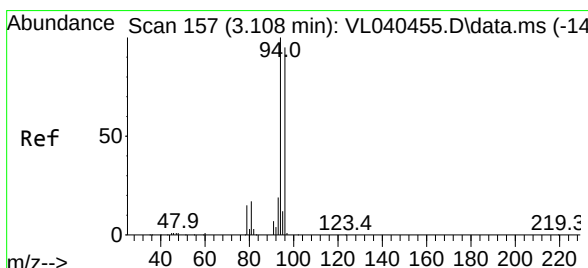
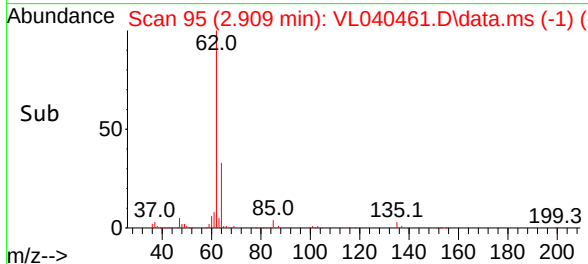
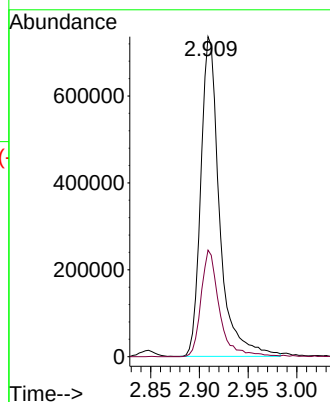
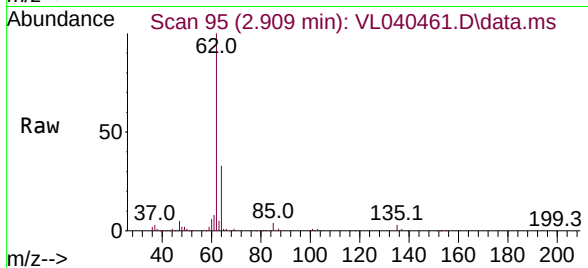




#5
 Vinyl Chloride
 Concen: 14.280 ppbv
 RT: 2.909 min Scan# 94
 Delta R.T. 0.003 min
 Lab File: VL040461.D
 Acq: 5 Jun 2023 18:08

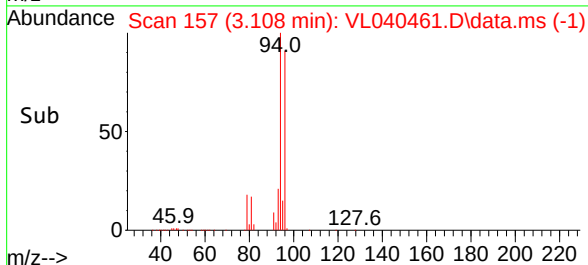
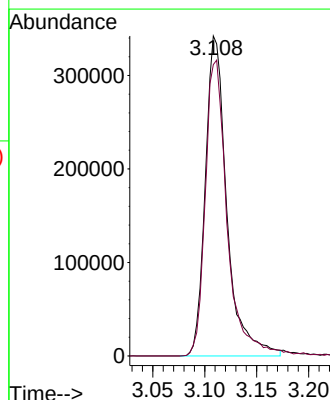
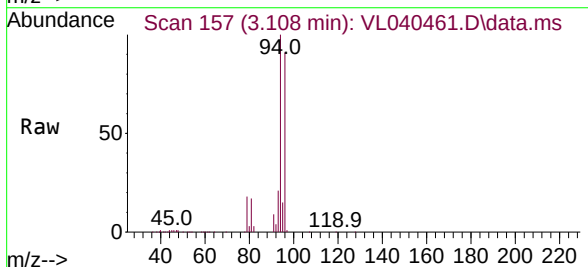
Instrument :
 MSVOA_L
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 VSTDIC015

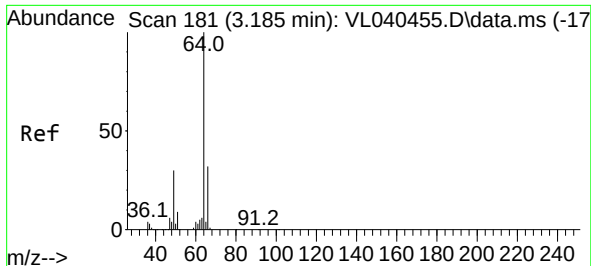
Tgt Ion: 62 Resp: 983107
 Ion Ratio Lower Upper
 62 100
 64 33.3 26.8 40.2



#6
 Bromomethane
 Concen: 14.050 ppbv
 RT: 3.108 min Scan# 157
 Delta R.T. -0.000 min
 Lab File: VL040461.D
 Acq: 5 Jun 2023 18:08

Tgt Ion: 94 Resp: 493201
 Ion Ratio Lower Upper
 94 100
 96 91.1 75.8 113.8

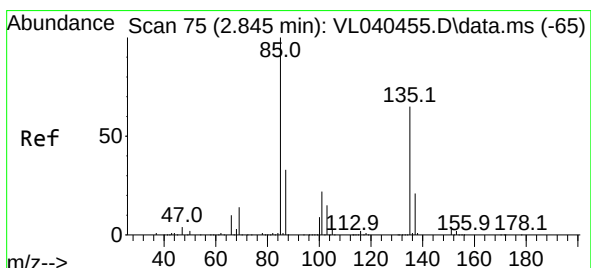
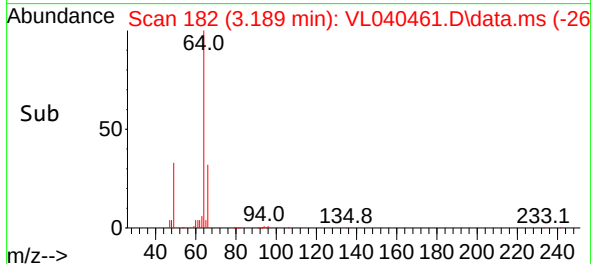
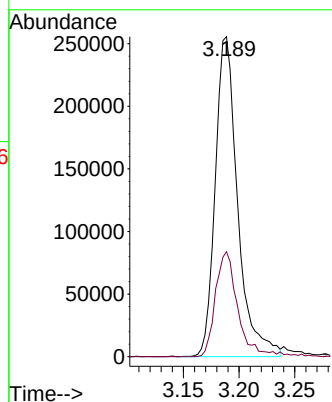
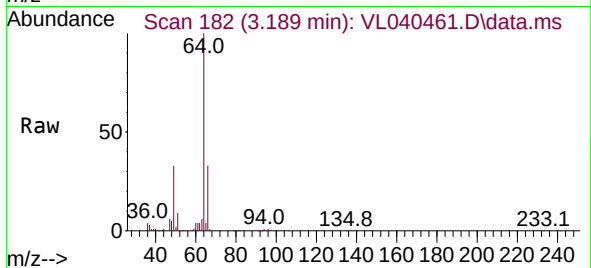




#7
Chloroethane
Concen: 14.203 ppbv
RT: 3.189 min Scan# 11
Delta R.T. 0.003 min
Lab File: VL040461.D
Acq: 5 Jun 2023 18:08

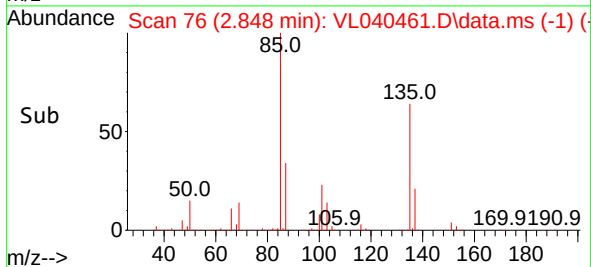
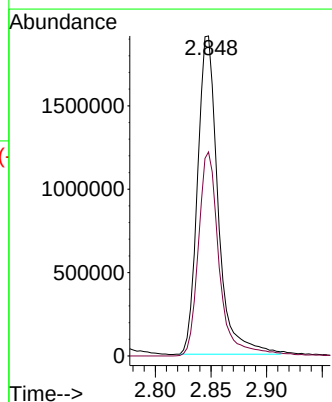
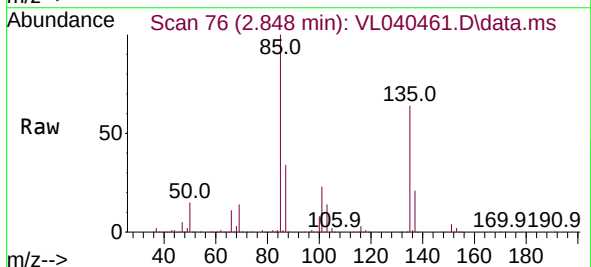
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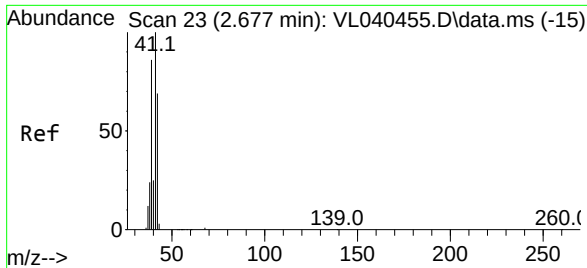
Tgt Ion: 64 Resp: 357876
Ion Ratio Lower Upper
64 100
66 32.8 25.6 38.4



#8
Dichlorotetrafluoroethane
Concen: 13.426 ppbv
RT: 2.848 min Scan# 76
Delta R.T. 0.003 min
Lab File: VL040461.D
Acq: 5 Jun 2023 18:08

Tgt Ion: 85 Resp: 2447250
Ion Ratio Lower Upper
85 100
135 65.8 52.0 78.0





#9

Propene

Concen: 13.550 ppbv

RT: 2.684 min Scan# 21

Delta R.T. 0.006 min

Lab File: VL040461.D

Acq: 5 Jun 2023 18:08

Instrument :

MSVOA_L

ClientSampleId :

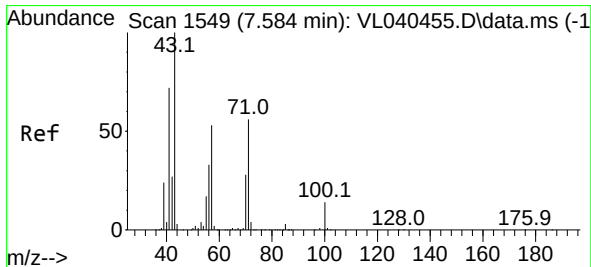
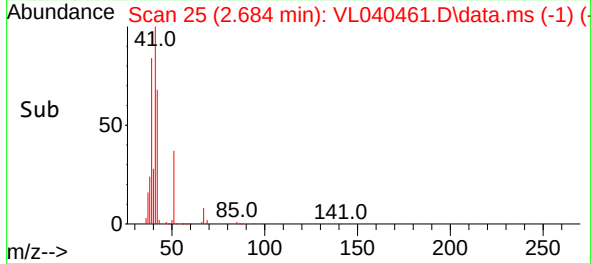
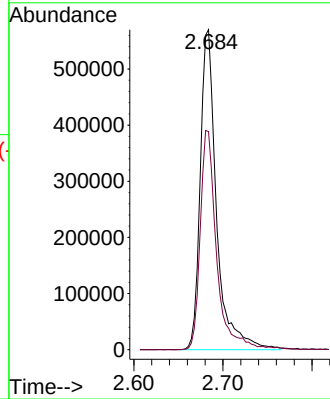
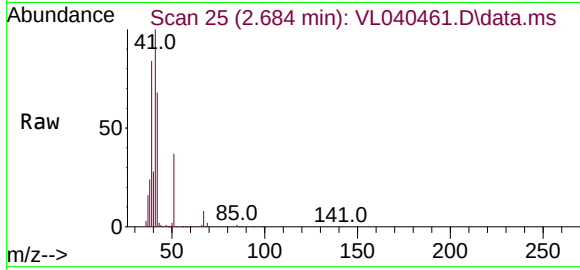
VSTDIC015

Tgt Ion: 41 Resp: 725739

Ion Ratio Lower Upper

41 100

42 69.5 56.2 84.2



#10

Heptane

Concen: 15.517 ppbv

RT: 7.584 min Scan# 1549

Delta R.T. -0.000 min

Lab File: VL040461.D

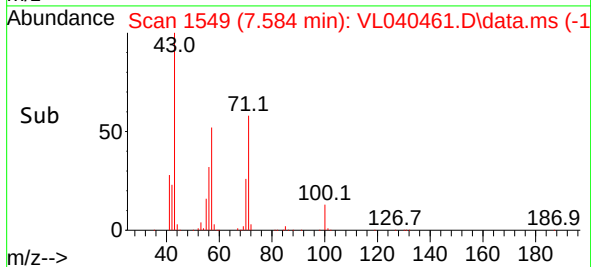
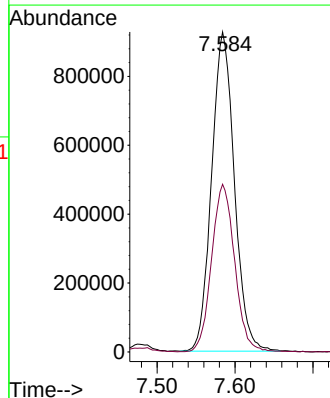
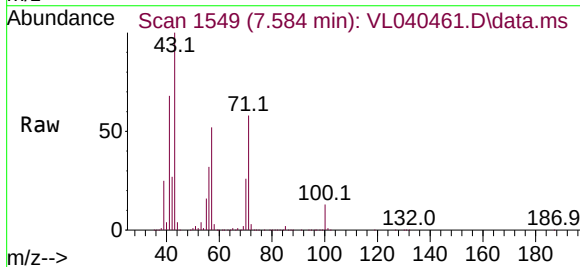
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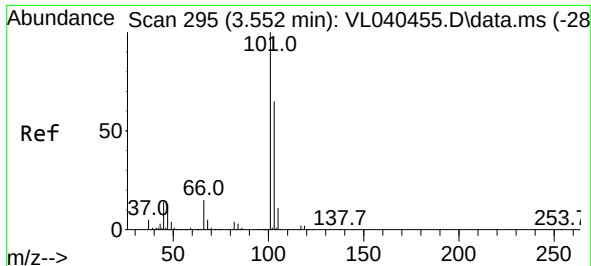
Tgt Ion: 43 Resp: 1881141

Ion Ratio Lower Upper

43 100

57 53.5 42.5 63.7

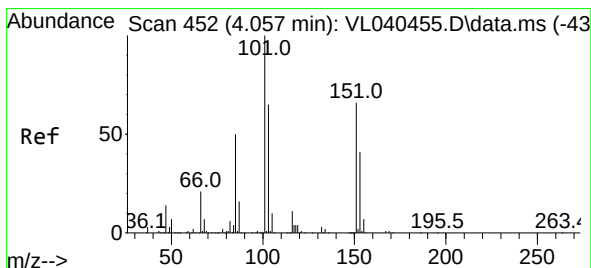
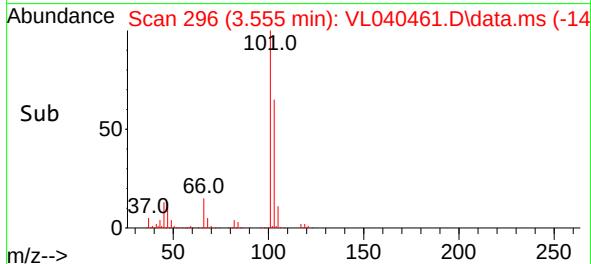
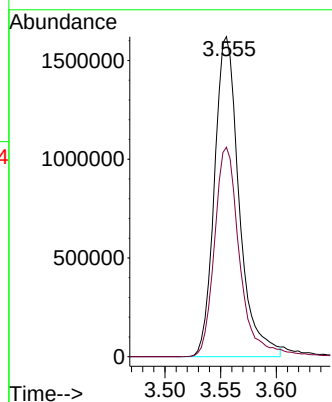
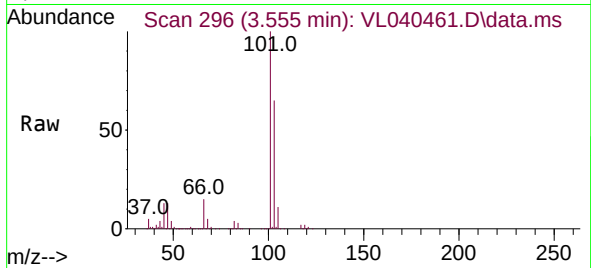




#11
 Trichlorofluoromethane
 Concen: 13.303 ppbv
 RT: 3.555 min Scan# 295
 Delta R.T. 0.003 min
 Lab File: VL040461.D
 Acq: 5 Jun 2023 18:08

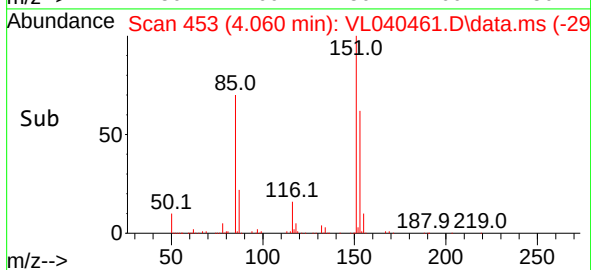
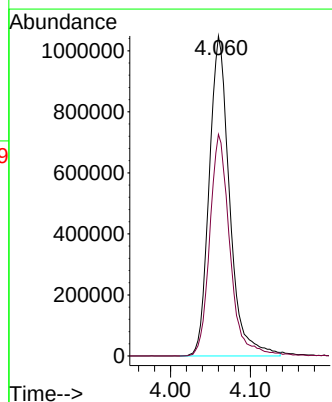
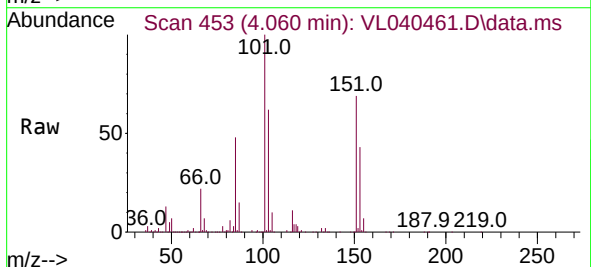
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC015

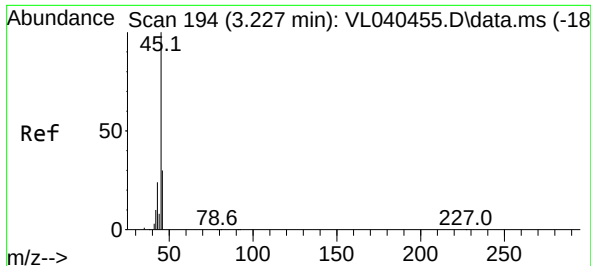
Tgt Ion:101 Resp: 2500272
 Ion Ratio Lower Upper
 101 100
 103 65.4 51.7 77.5



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 14.119 ppbv
 RT: 4.060 min Scan# 453
 Delta R.T. 0.003 min
 Lab File: VL040461.D
 Acq: 5 Jun 2023 18:08

Tgt Ion:101 Resp: 1853621
 Ion Ratio Lower Upper
 101 100
 151 68.9 54.3 81.5

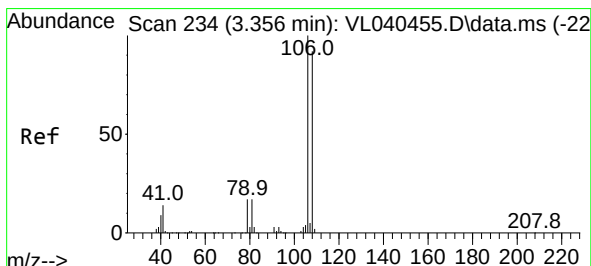
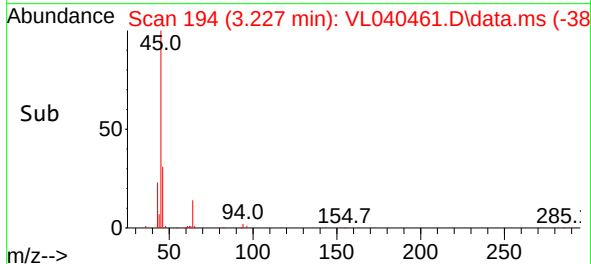
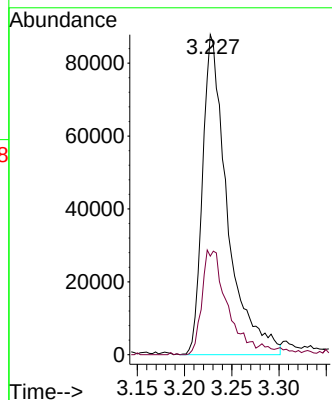
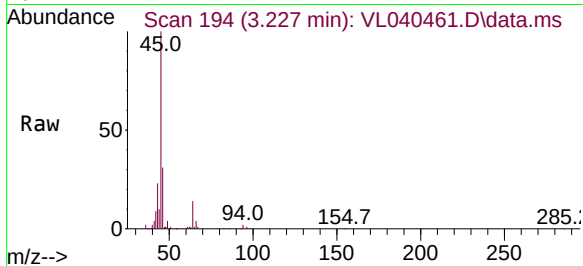




#13
Ethanol
Concen: 15.462 ppbv
RT: 3.227 min Scan# 194
Delta R.T. -0.000 min
Lab File: VL040461.D
Acq: 5 Jun 2023 18:08

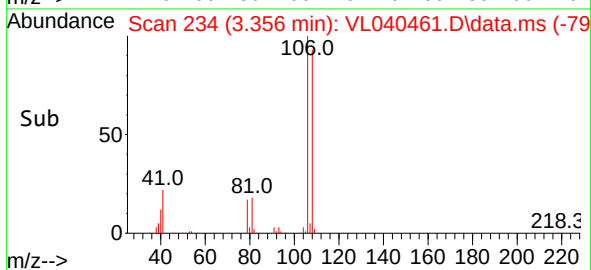
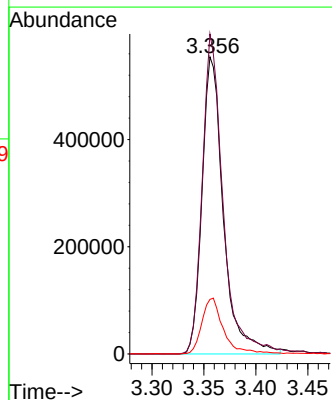
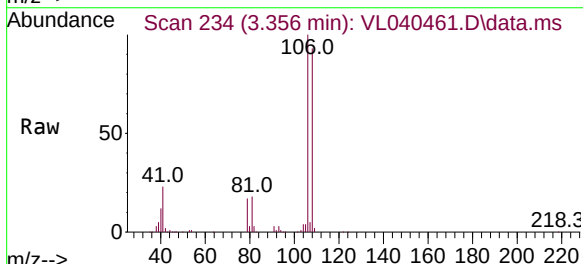
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

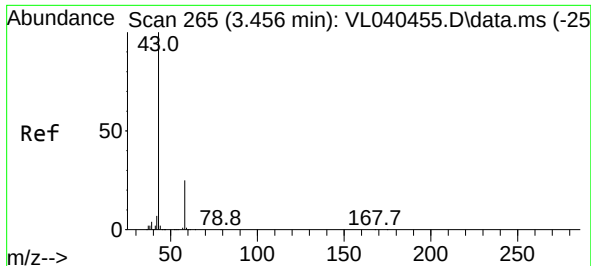
Tgt Ion: 45 Resp: 161076
Ion Ratio Lower Upper
45 100
46 36.3 14.5 58.1



#14
Bromoethene
Concen: 14.443 ppbv
RT: 3.356 min Scan# 234
Delta R.T. -0.000 min
Lab File: VL040461.D
Acq: 5 Jun 2023 18:08

Tgt Ion: 108 Resp: 793107
Ion Ratio Lower Upper
108 100
106 106.4 87.4 131.0
79 19.2 15.9 23.9





#15

Acetone

Concen: 12.792 ppbv

RT: 3.459 min Scan# 2

Delta R.T. 0.003 min

Lab File: VL040461.D

Acq: 5 Jun 2023 18:08

Instrument :

MSVOA_L

ClientSampleId :

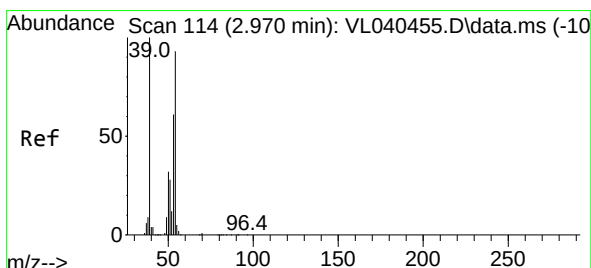
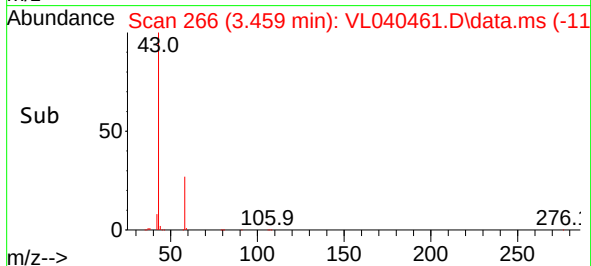
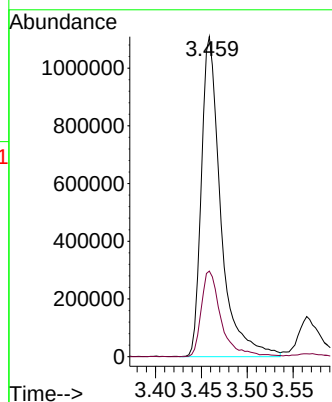
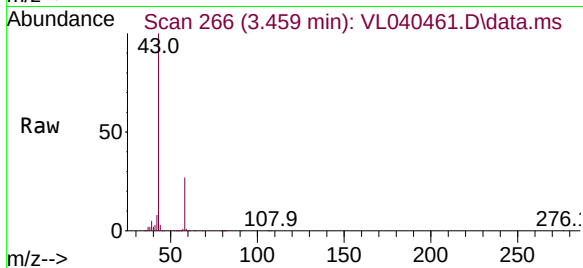
VSTDIC015

Tgt Ion: 43 Resp: 1636171

Ion Ratio Lower Upper

43 100

58 27.5 21.6 32.4



#16

1,3-Butadiene

Concen: 14.400 ppbv

RT: 2.973 min Scan# 115

Delta R.T. 0.003 min

Lab File: VL040461.D

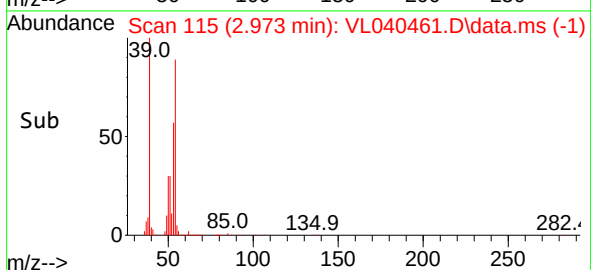
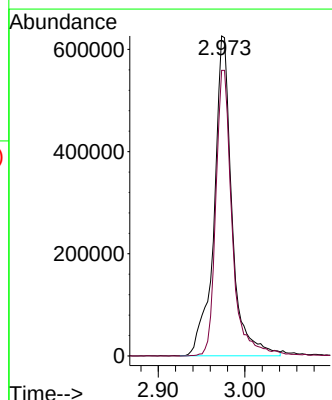
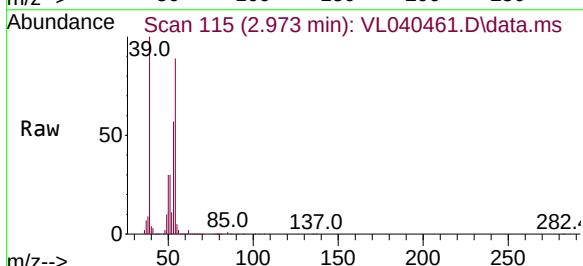
Acq: 5 Jun 2023 18:08

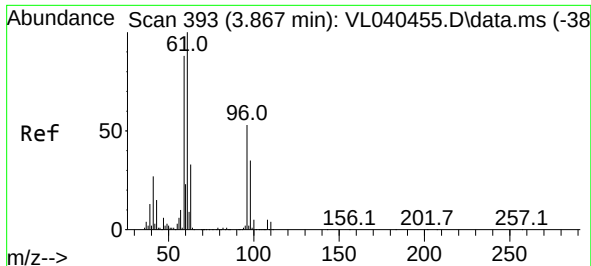
Tgt Ion: 39 Resp: 903458

Ion Ratio Lower Upper

39 100

54 82.0 66.9 100.3





#17

tert-Butyl alcohol

Concen: 12.757 ppbv

RT: 3.870 min Scan# 393

Delta R.T. 0.003 min

Lab File: VL040461.D

Acq: 5 Jun 2023 18:08

Instrument :

MSVOA_L

ClientSampleId :

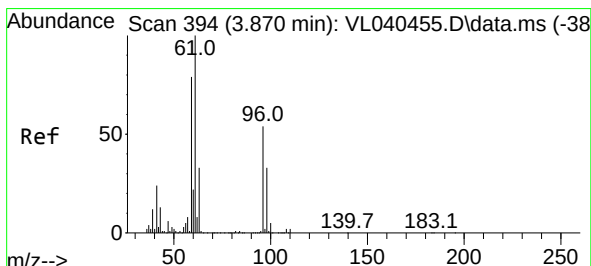
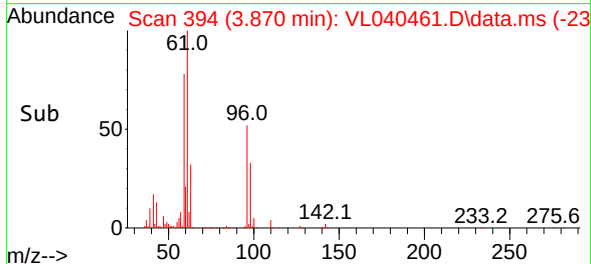
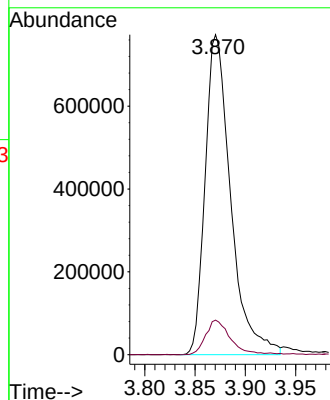
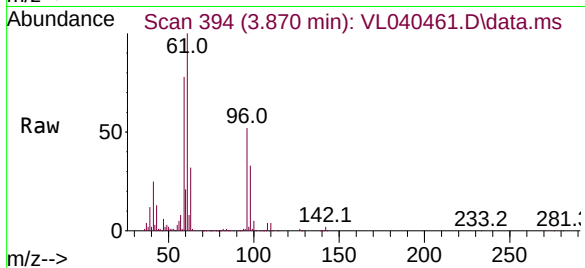
VSTDIC015

Tgt Ion: 59 Resp: 1363266

Ion Ratio Lower Upper

59 100

57 10.8 8.8 13.2



#18

1,1-Dichloroethene

Concen: 14.495 ppbv

RT: 3.873 min Scan# 395

Delta R.T. 0.003 min

Lab File: VL040461.D

Acq: 5 Jun 2023 18:08

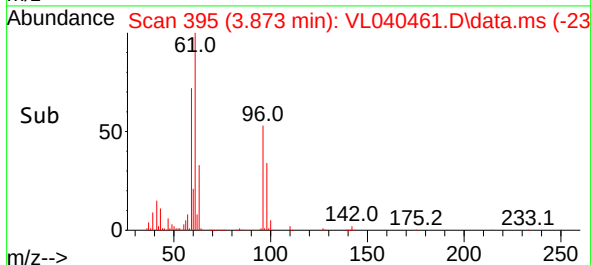
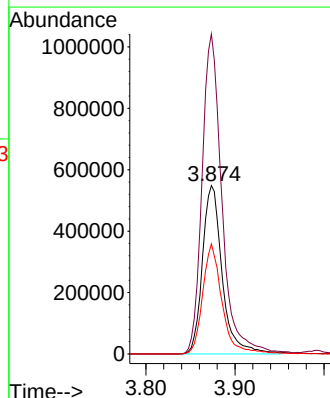
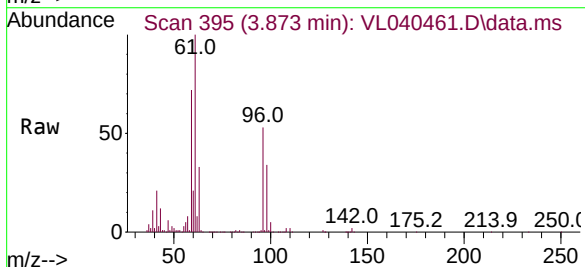
Tgt Ion: 96 Resp: 847926

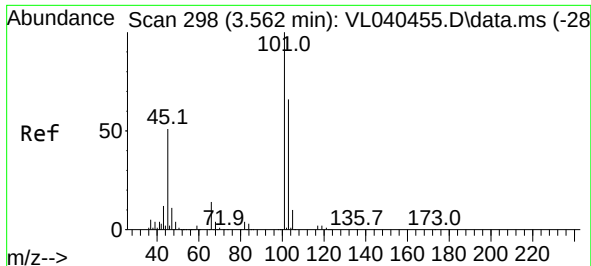
Ion Ratio Lower Upper

96 100

61 190.0 149.5 224.3

98 65.4 48.7 73.1





#19

Isopropyl Alcohol

Concen: 13.313 ppbv

RT: 3.565 min Scan# 298

Delta R.T. 0.003 min

Lab File: VL040461.D

Acq: 5 Jun 2023 18:08

Instrument :

MSVOA_1

ClientSampleId :

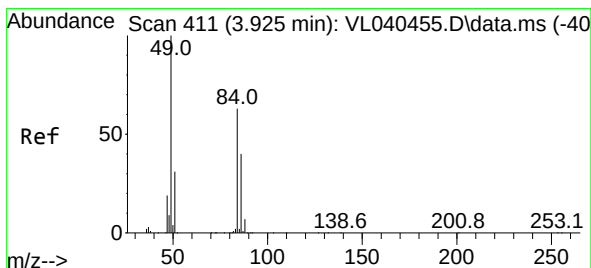
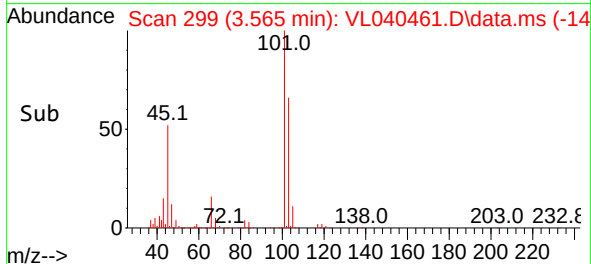
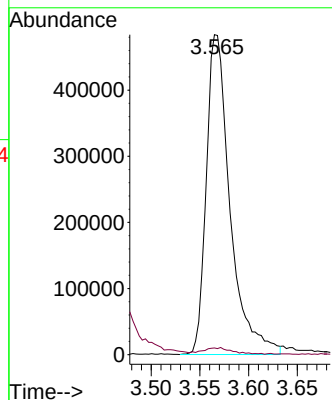
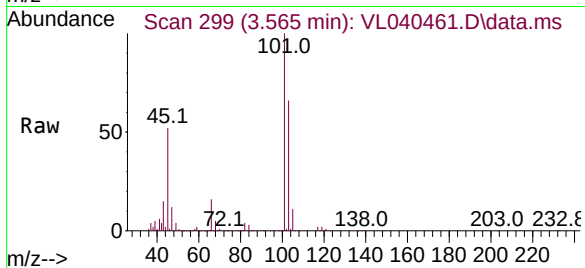
VSTDIC015

Tgt Ion: 45 Resp: 820760

Ion Ratio Lower Upper

45 100

58 2.7 2.6 4.0



#20

Methylene Chloride

Concen: 12.644 ppbv

RT: 3.925 min Scan# 411

Delta R.T. -0.000 min

Lab File: VL040461.D

Acq: 5 Jun 2023 18:08

Tgt Ion: 84 Resp: 700440

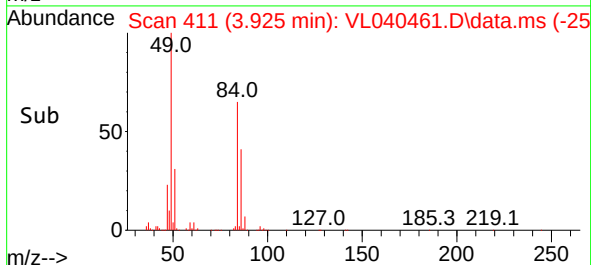
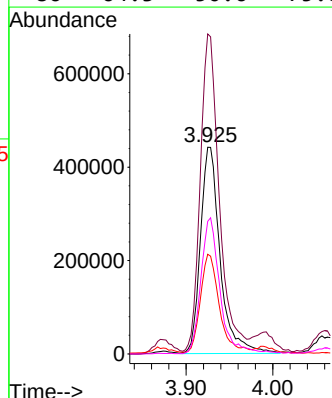
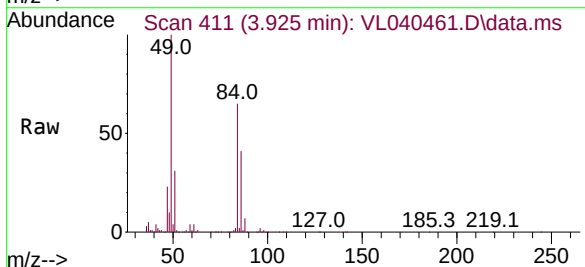
Ion Ratio Lower Upper

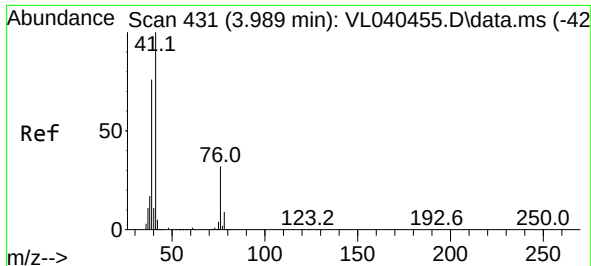
84 100

49 153.7 126.2 189.2

51 47.4 38.7 58.1

86 64.3 50.6 75.8



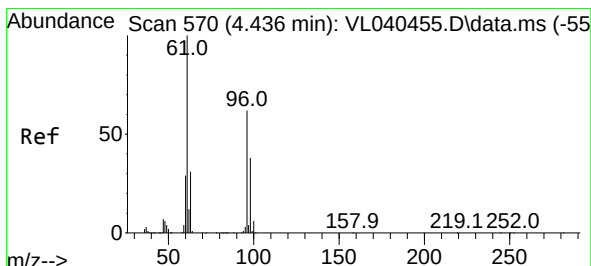
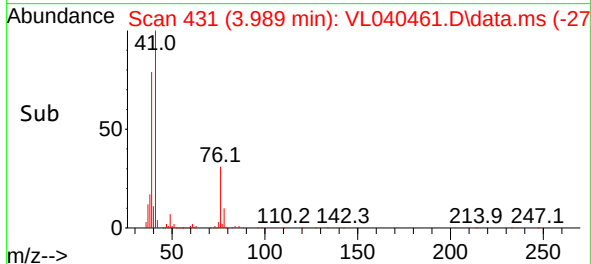
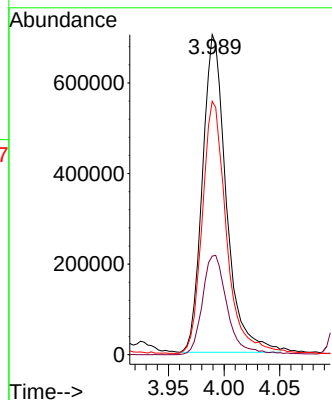
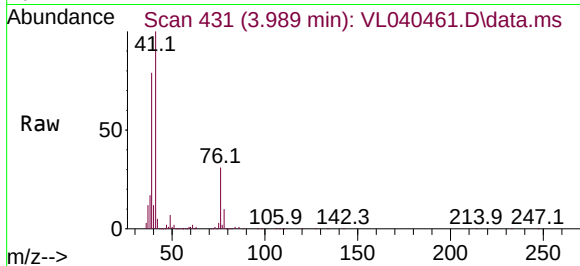


#21
 Allyl Chloride
 Concen: 14.488 ppbv
 RT: 3.989 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VL040461.D
 Acq: 5 Jun 2023 18:08

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC015

Tgt Ion: 41 Resp: 1046710

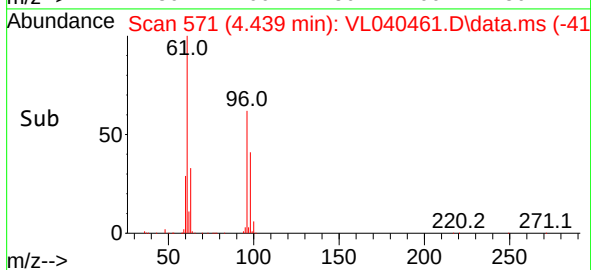
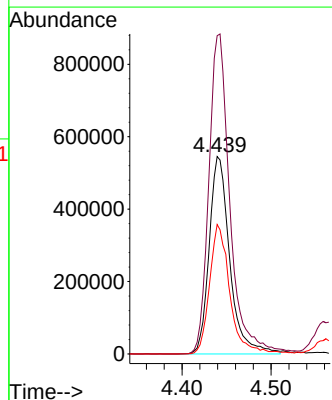
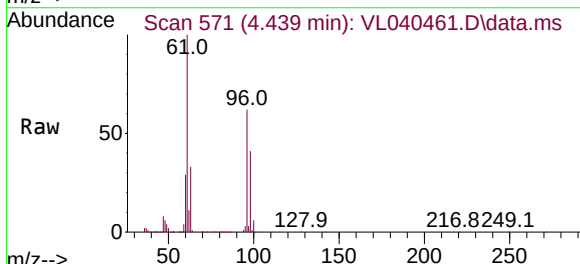
Ion	Ratio	Lower	Upper
41	100		
76	32.8	26.1	39.1
39	80.7	63.9	95.9

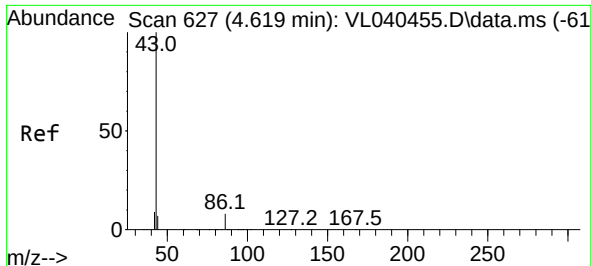


#22
 trans-1,2-Dichloroethene
 Concen: 14.592 ppbv
 RT: 4.439 min Scan# 571
 Delta R.T. 0.003 min
 Lab File: VL040461.D
 Acq: 5 Jun 2023 18:08

Tgt Ion: 96 Resp: 875792

Ion	Ratio	Lower	Upper
96	100		
61	161.0	128.1	192.1
98	65.6	48.2	72.4



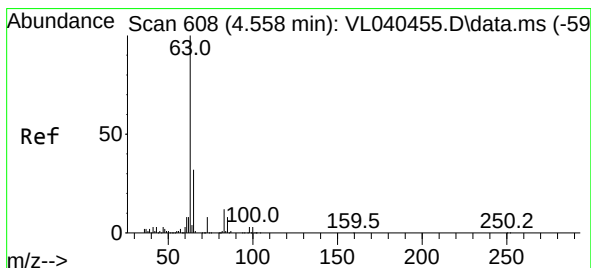
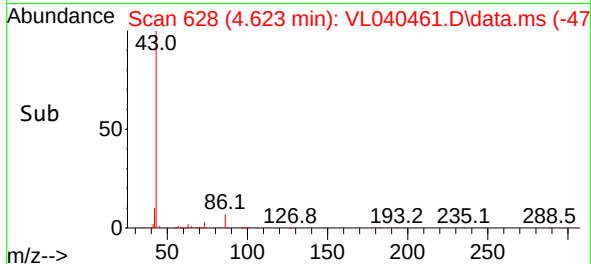
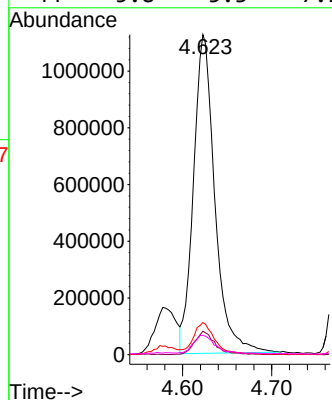
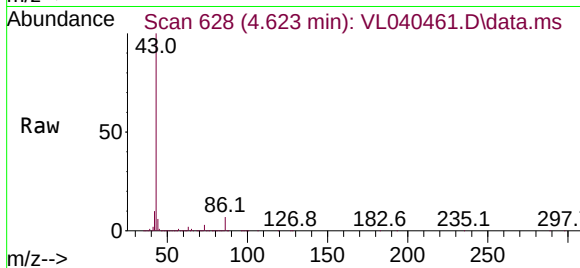


#23
 Vinyl Acetate
 Concen: 15.042 ppbv
 RT: 4.623 min Scan# 61
 Delta R.T. 0.003 min
 Lab File: VL040461.D
 Acq: 5 Jun 2023 18:08

Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDIC015

Tgt Ion: 43 Resp: 1870740

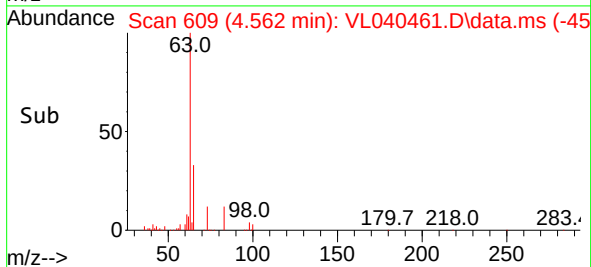
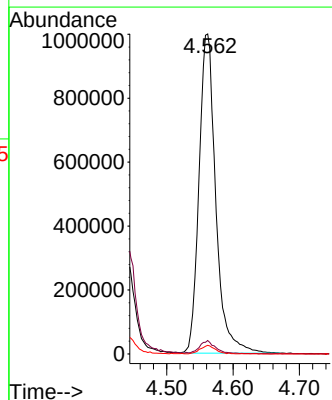
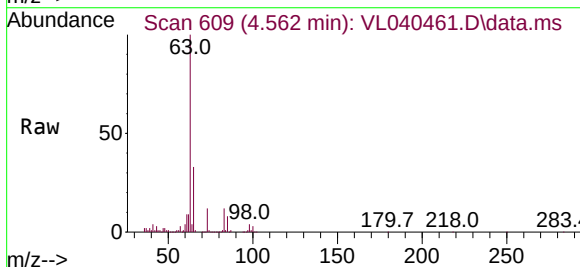
Ion	Ratio	Lower	Upper
43	100		
86	7.3	5.8	8.6
42	9.9	7.4	11.2
44	5.8	5.3	7.9

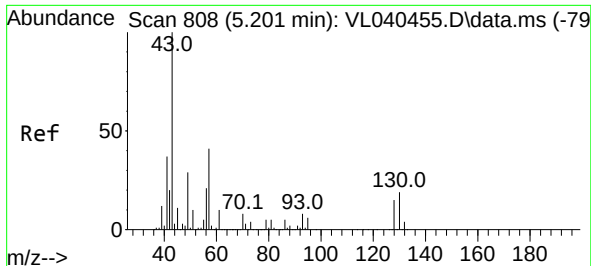


#24
 1,1-Dichloroethane
 Concen: 14.003 ppbv
 RT: 4.562 min Scan# 609
 Delta R.T. 0.003 min
 Lab File: VL040461.D
 Acq: 5 Jun 2023 18:08

Tgt Ion: 63 Resp: 1754878

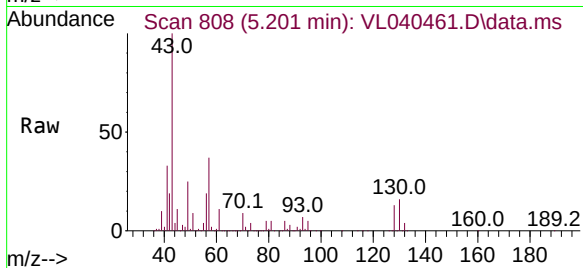
Ion	Ratio	Lower	Upper
63	100		
98	4.1	1.8	5.5
100	2.7	1.4	4.0





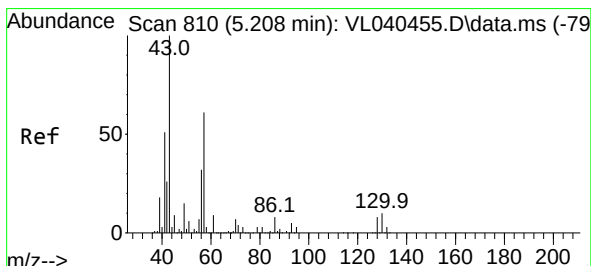
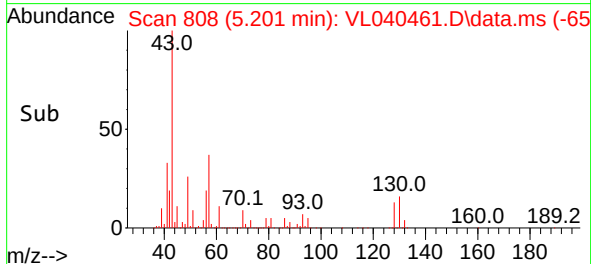
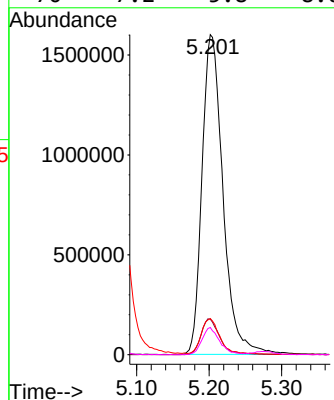
#25
Ethyl Acetate
Concen: 13.879 ppbv
RT: 5.201 min Scan# 808
Delta R.T. -0.000 min
Lab File: VL040461.D
Acq: 5 Jun 2023 18:08

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015



Tgt Ion: 43 Resp: 3216809

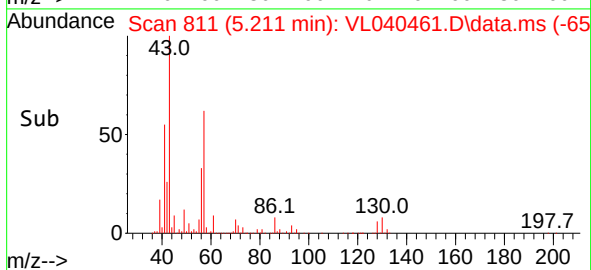
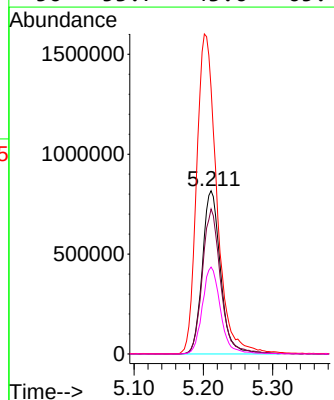
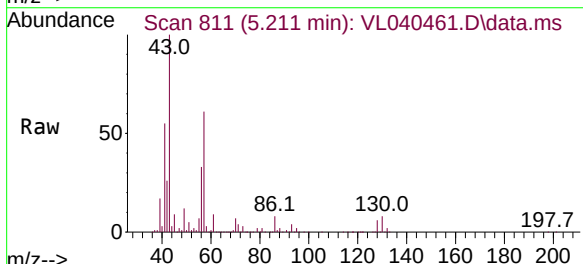
Ion	Ratio	Lower	Upper
43	100		
45	10.2	8.0	12.0
61	10.1	8.1	12.1
70	7.2	5.8	8.6

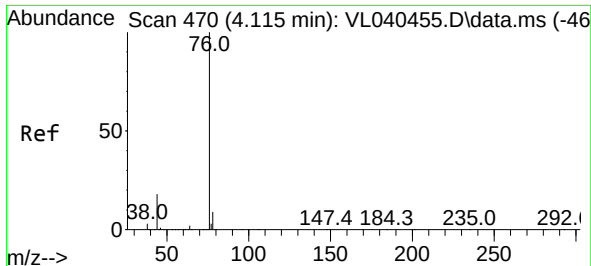


#26
Hexane
Concen: 13.527 ppbv
RT: 5.211 min Scan# 811
Delta R.T. 0.003 min
Lab File: VL040461.D
Acq: 5 Jun 2023 18:08

Tgt Ion: 57 Resp: 1484602

Ion	Ratio	Lower	Upper
57	100		
41	89.9	73.0	109.6
43	217.9	177.5	266.3
56	53.7	43.6	65.4

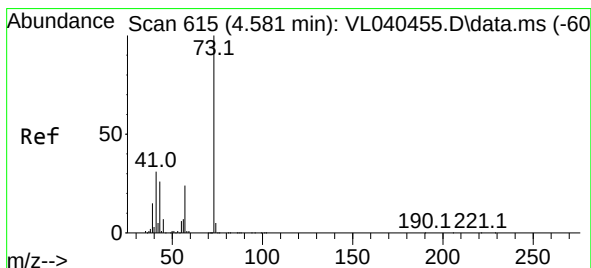
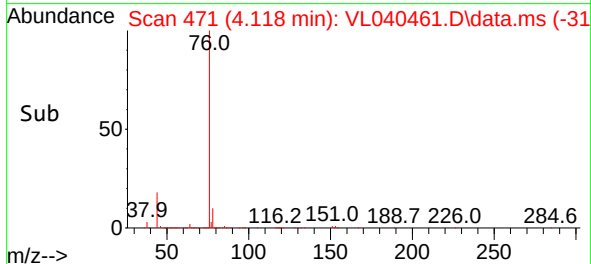
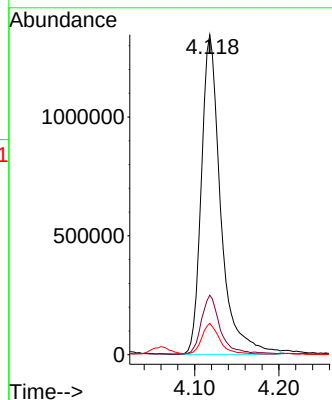
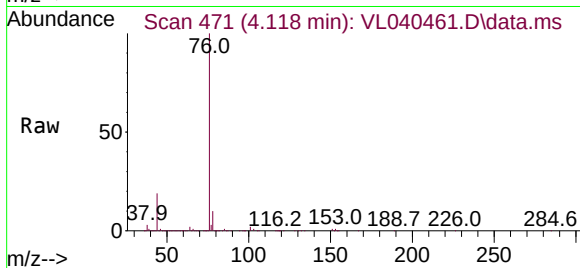




#27
Carbon Disulfide
Concen: 15.717 ppbv
RT: 4.118 min Scan# 41
Delta R.T. 0.003 min
Lab File: VL040461.D
Acq: 5 Jun 2023 18:08

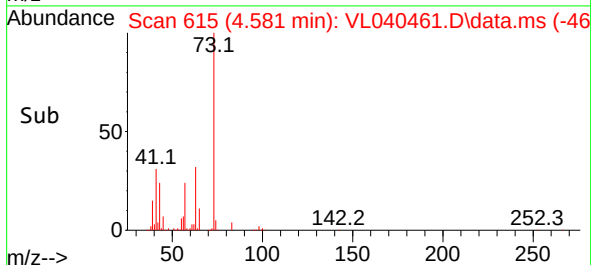
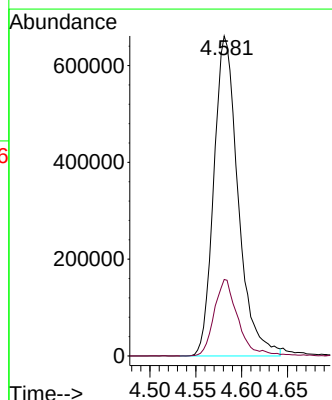
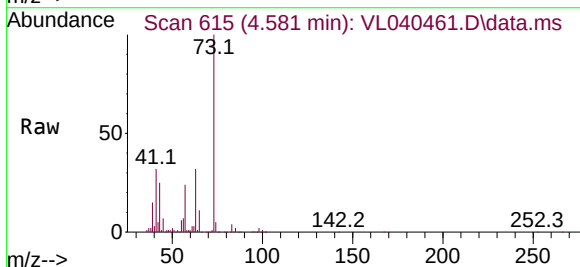
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

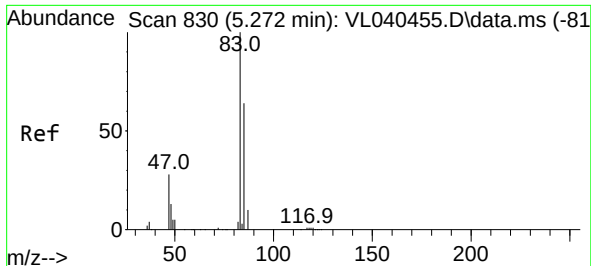
Tgt Ion: 76 Resp: 2157340
Ion Ratio Lower Upper
76 100
44 18.1 14.6 22.0
78 9.4 7.6 11.4



#28
Methyl tert-Butyl Ether
Concen: 14.141 ppbv
RT: 4.581 min Scan# 615
Delta R.T. -0.000 min
Lab File: VL040461.D
Acq: 5 Jun 2023 18:08

Tgt Ion: 73 Resp: 1217269
Ion Ratio Lower Upper
73 100
57 23.8 19.0 28.4





#29

Chloroform

Concen: 13.816 ppbv

RT: 5.275 min Scan# 81

Delta R.T. 0.003 min

Lab File: VL040461.D

Acq: 5 Jun 2023 18:08

Instrument :

MSVOA_L

ClientSampleId :

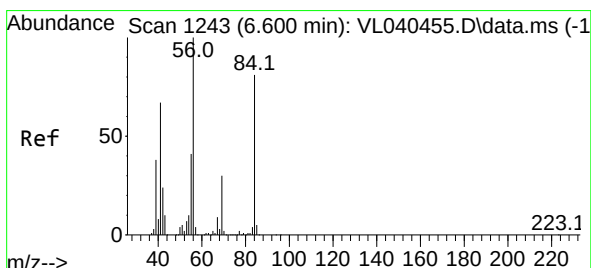
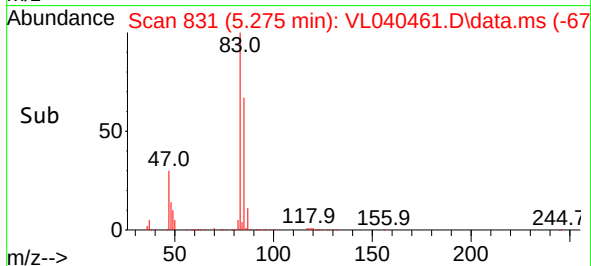
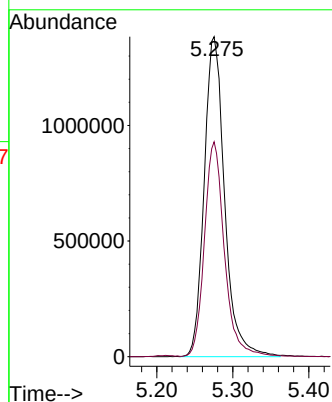
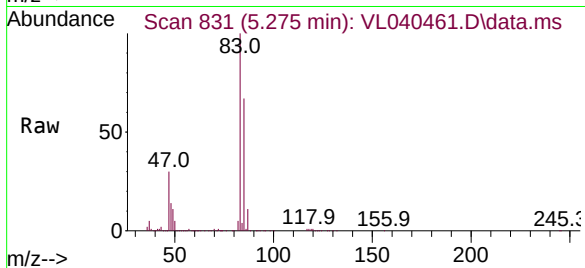
VSTDIC015

Tgt Ion: 83 Resp: 2582865

Ion Ratio Lower Upper

83 100

85 67.0 51.1 76.7



#30

Cyclohexane

Concen: 15.147 ppbv

RT: 6.606 min Scan# 1245

Delta R.T. 0.006 min

Lab File: VL040461.D

Acq: 5 Jun 2023 18:08

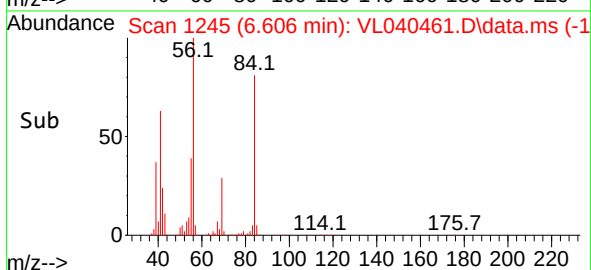
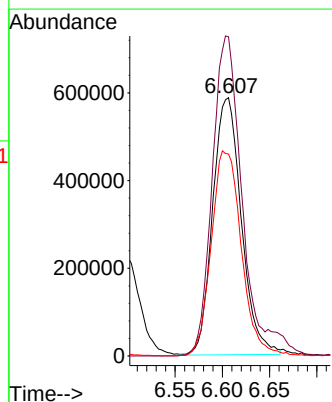
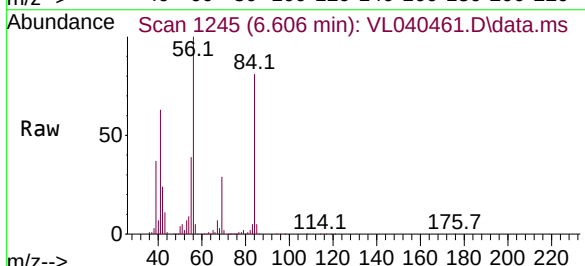
Tgt Ion: 84 Resp: 1236992

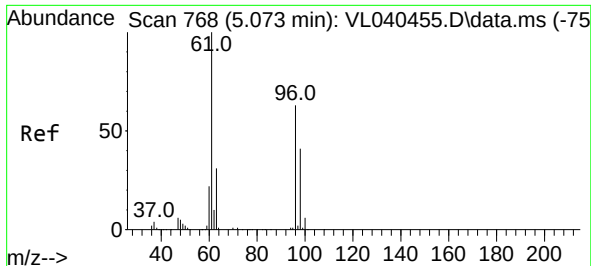
Ion Ratio Lower Upper

84 100

56 131.5 106.0 159.0

41 83.5 66.8 100.2



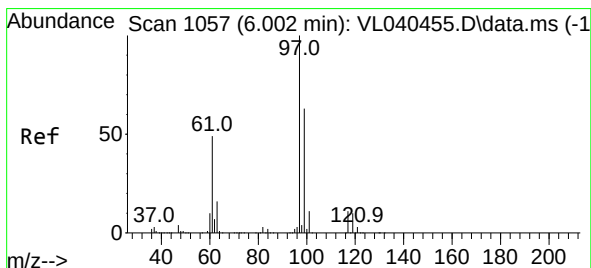
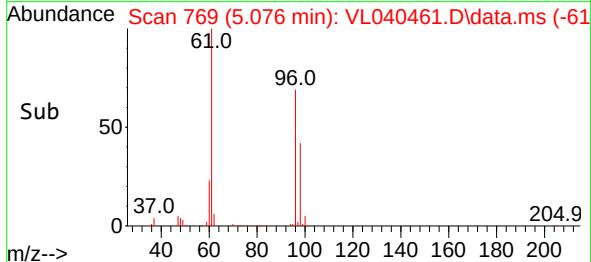
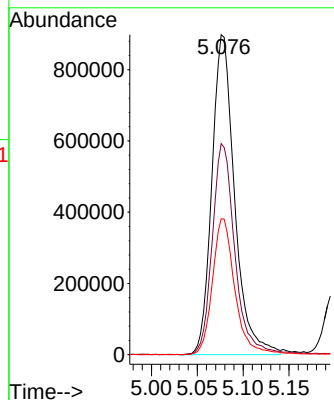
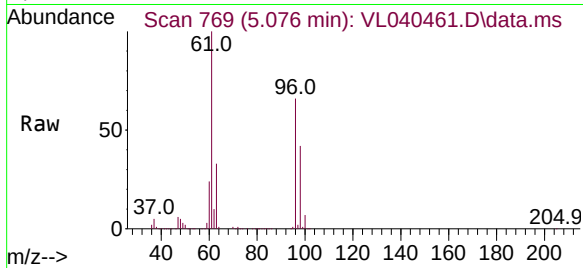


#31
 cis-1,2-Dichloroethene
 Concen: 14.719 ppbv
 RT: 5.076 min Scan# 768
 Delta R.T. 0.003 min
 Lab File: VL040461.D
 Acq: 5 Jun 2023 18:08

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC015

Tgt Ion: 61 Resp: 1545517

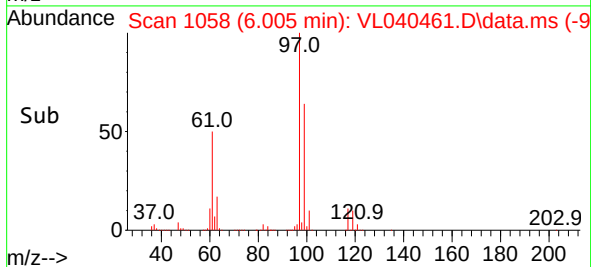
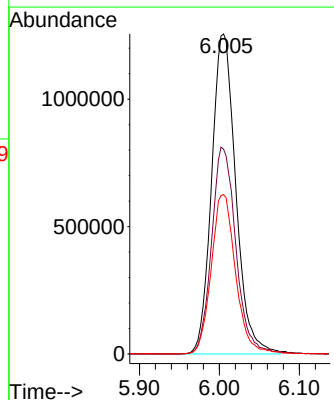
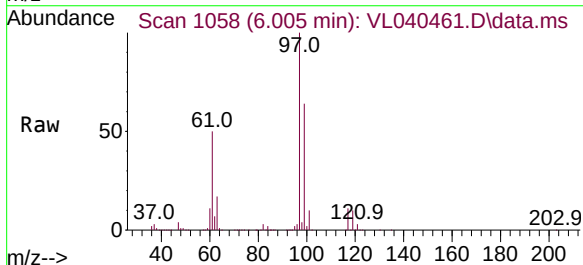
Ion	Ratio	Lower	Upper
61	100		
96	66.0	50.2	75.4
98	42.4	32.9	49.3

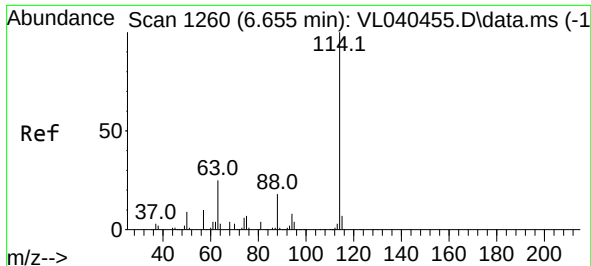


#32
 1,1,1-Trichloroethane
 Concen: 14.160 ppbv
 RT: 6.005 min Scan# 1058
 Delta R.T. 0.003 min
 Lab File: VL040461.D
 Acq: 5 Jun 2023 18:08

Tgt Ion: 97 Resp: 2635795

Ion	Ratio	Lower	Upper
97	100		
99	65.1	51.5	77.3
61	50.4	39.7	59.5

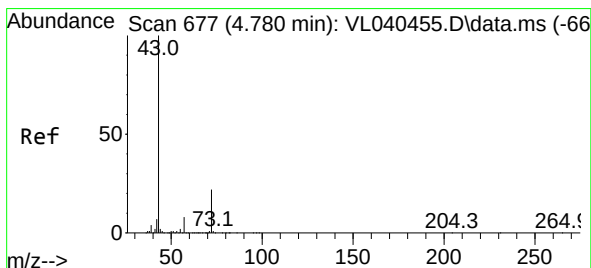
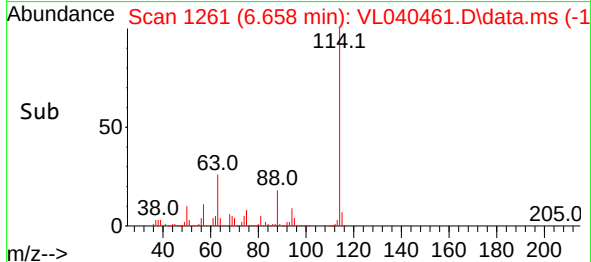
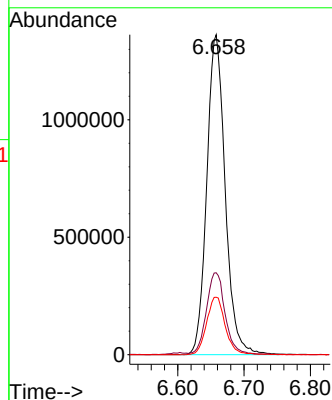
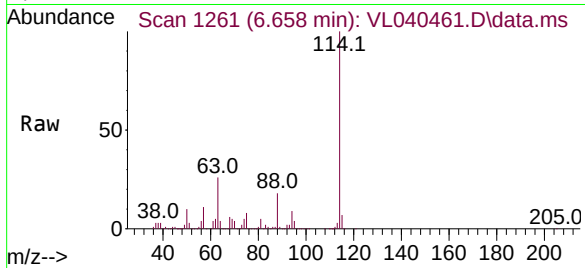




#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.658 min Scan# 11
Delta R.T. 0.003 min
Lab File: VL040461.D
Acq: 5 Jun 2023 18:08

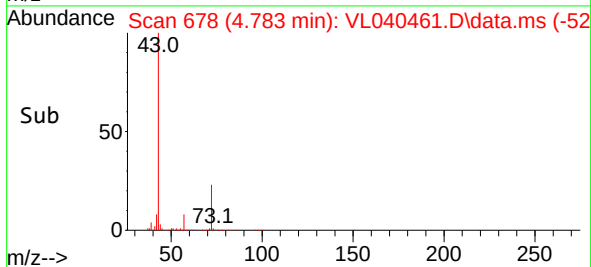
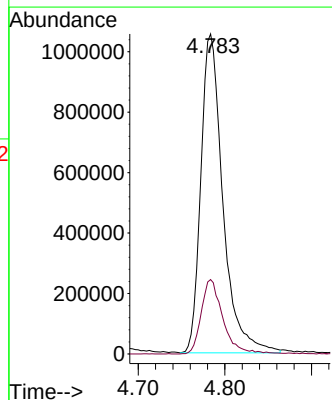
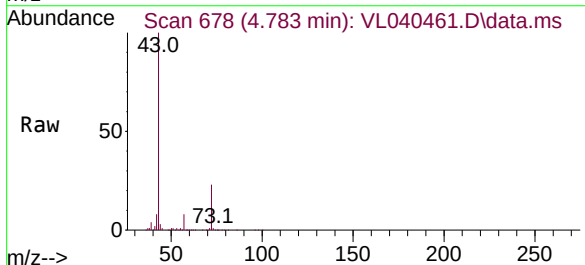
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

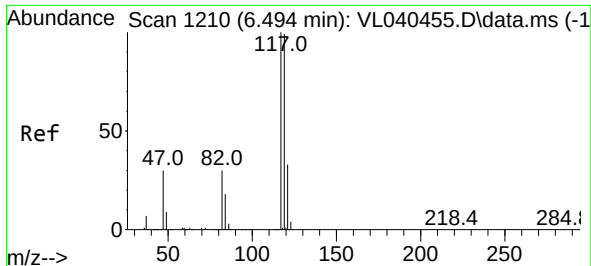
Tgt Ion:114 Resp: 2629444
Ion Ratio Lower Upper
114 100
63 26.8 21.0 31.6
88 18.2 14.5 21.7



#34
2-Butanone
Concen: 14.737 ppbv
RT: 4.783 min Scan# 678
Delta R.T. 0.003 min
Lab File: VL040461.D
Acq: 5 Jun 2023 18:08

Tgt Ion: 43 Resp: 1868571
Ion Ratio Lower Upper
43 100
72 23.0 18.1 27.1

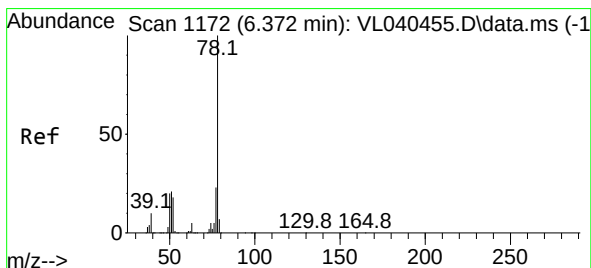
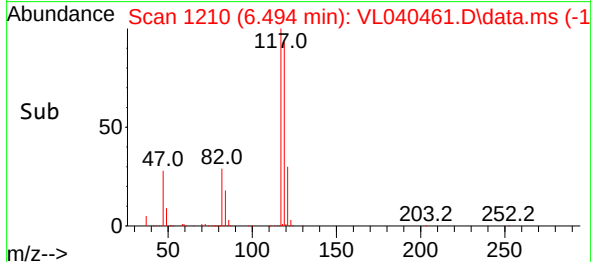
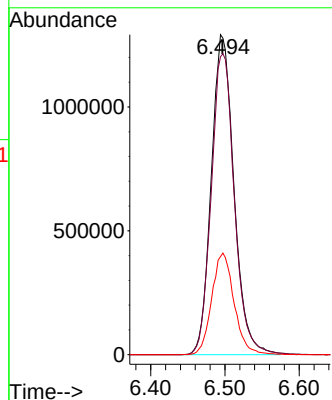
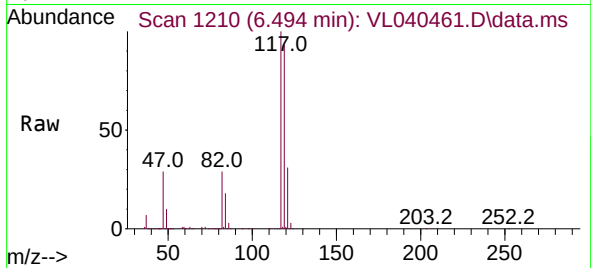




#35
Carbon Tetrachloride
Concen: 15.160 ppbv
RT: 6.494 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VL040461.D
Acq: 5 Jun 2023 18:08

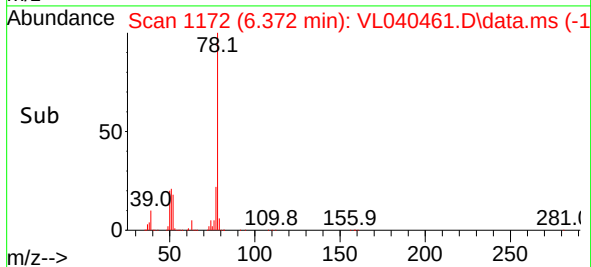
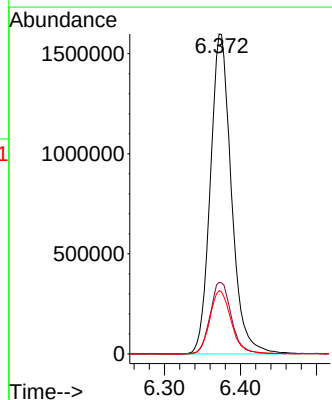
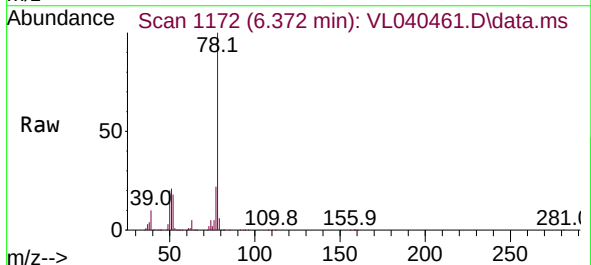
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC015

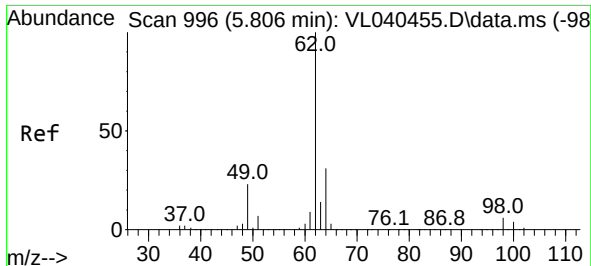
Tgt Ion:117 Resp: 2741013
Ion Ratio Lower Upper
117 100
119 93.1 79.1 118.7
121 30.6 26.0 39.0



#36
Benzene
Concen: 14.659 ppbv
RT: 6.372 min Scan# 1172
Delta R.T. -0.000 min
Lab File: VL040461.D
Acq: 5 Jun 2023 18:08

Tgt Ion: 78 Resp: 3066740
Ion Ratio Lower Upper
78 100
77 22.4 18.5 27.7
50 19.7 16.1 24.1

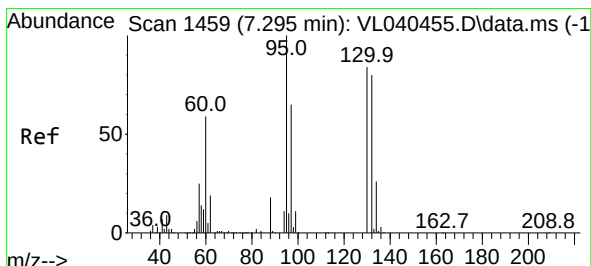
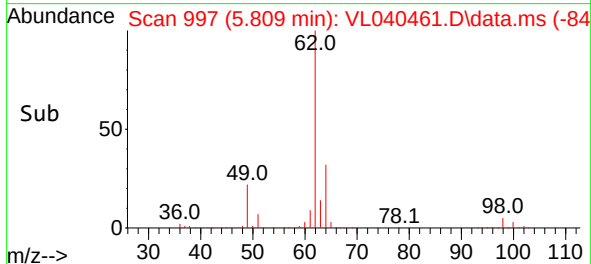
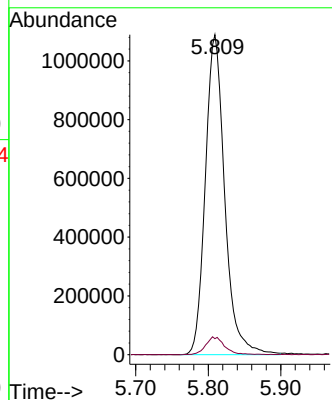
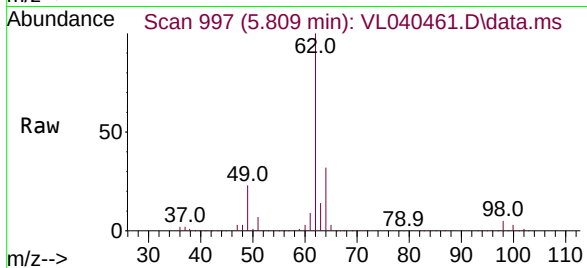




#37
1,2-Dichloroethane
Concen: 14.854 ppbv
RT: 5.809 min Scan# 996
Delta R.T. 0.003 min
Lab File: VL040461.D
Acq: 5 Jun 2023 18:08

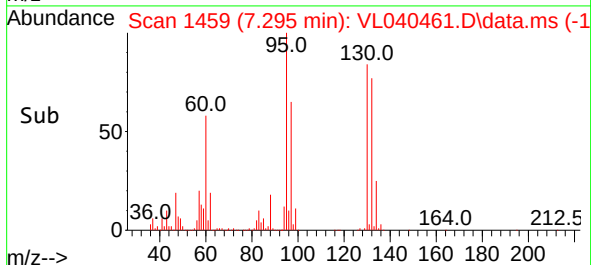
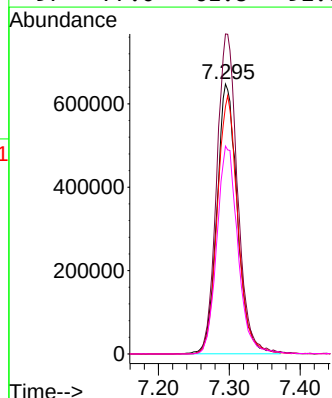
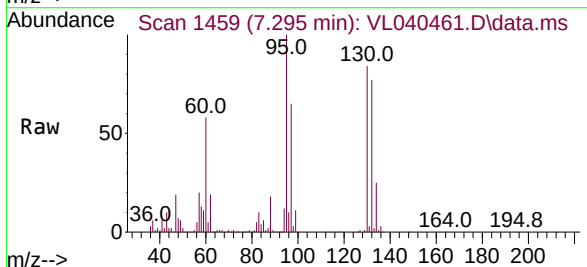
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC015

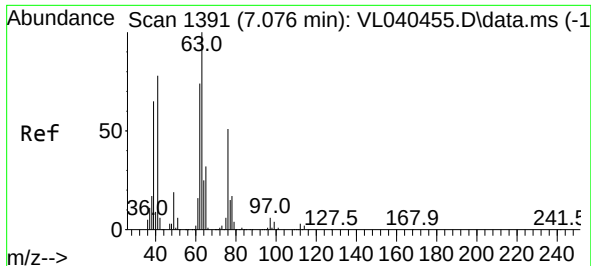
Tgt Ion: 62 Resp: 2023980
Ion Ratio Lower Upper
62 100
98 5.5 4.6 6.8



#38
Trichloroethene
Concen: 16.175 ppbv
RT: 7.295 min Scan# 1459
Delta R.T. -0.000 min
Lab File: VL040461.D
Acq: 5 Jun 2023 18:08

Tgt Ion:130 Resp: 1300266
Ion Ratio Lower Upper
130 100
95 118.6 95.4 143.0
132 91.8 76.3 114.5
97 77.0 61.8 92.6





#39

1,2-Dichloropropane

Concen: 14.630 ppbv

RT: 7.076 min Scan# 11

Delta R.T. -0.000 min

Lab File: VL040461.D

Acq: 5 Jun 2023 18:08

Instrument :

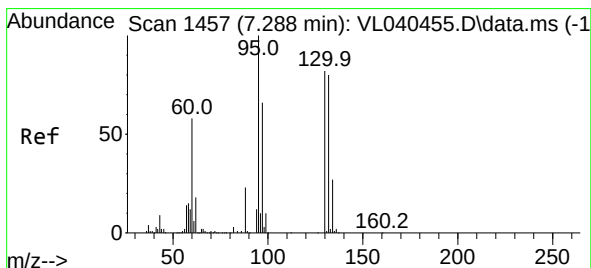
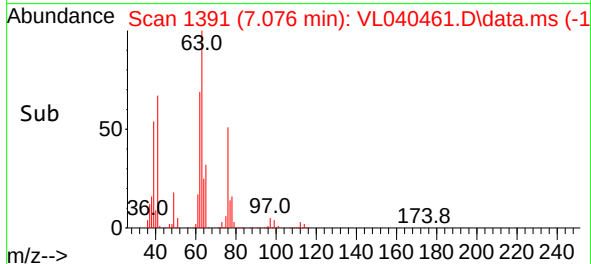
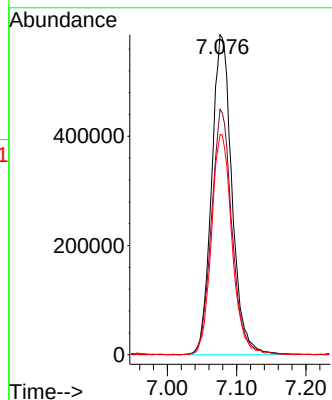
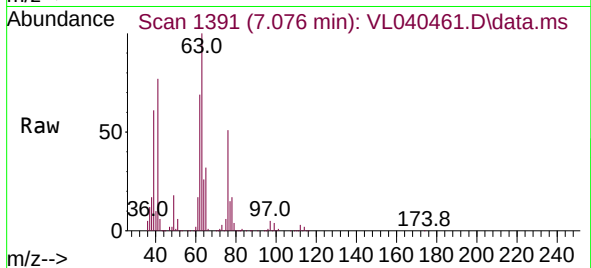
MSVOA_L

ClientSampleId :

VSTDIC015

Tgt Ion: 63 Resp: 1194305

Ion	Ratio	Lower	Upper
63	100		
41	76.6	62.2	93.2
62	68.8	59.0	88.4



#40

1,4-Dioxane

Concen: 14.286 ppbv

RT: 7.291 min Scan# 1458

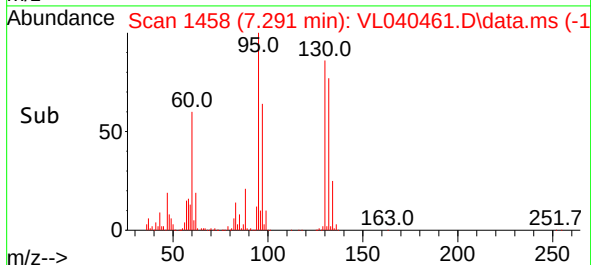
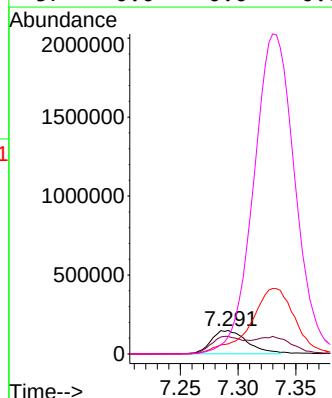
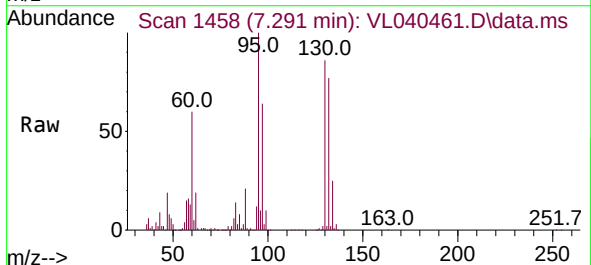
Delta R.T. 0.003 min

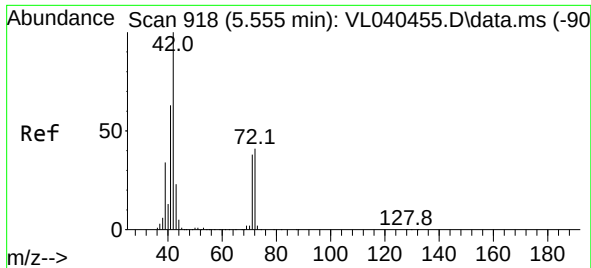
Lab File: VL040461.D

Acq: 5 Jun 2023 18:08

Tgt Ion: 88 Resp: 319160

Ion	Ratio	Lower	Upper
88	100		
58	61.5	0.0	0.0#
43	0.0	0.0	0.0
57	0.0	0.0	0.0

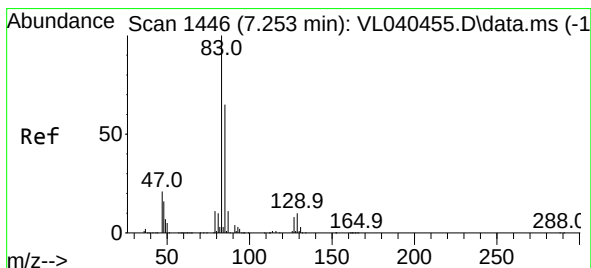
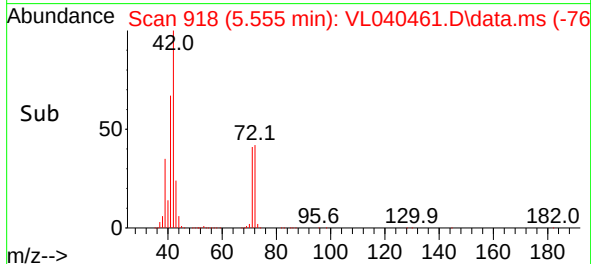
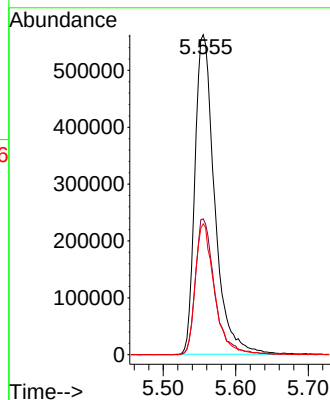
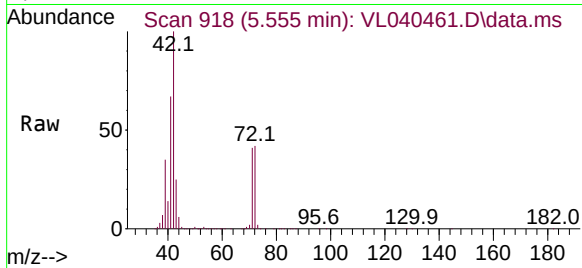




#41
Tetrahydrofuran
Concen: 15.390 ppbv
RT: 5.555 min Scan# 918
Delta R.T. -0.000 min
Lab File: VL040461.D
Acq: 5 Jun 2023 18:08

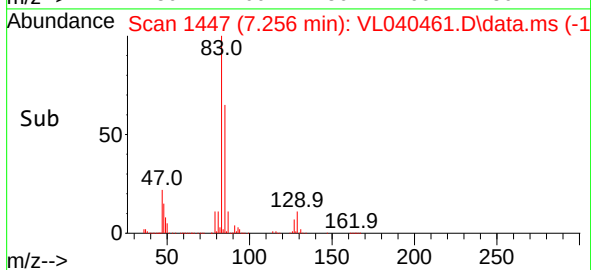
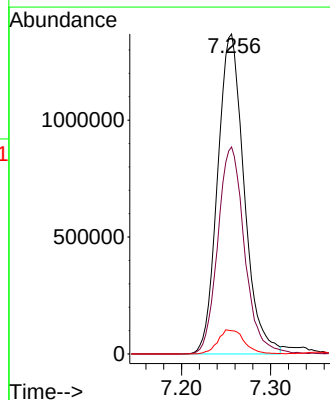
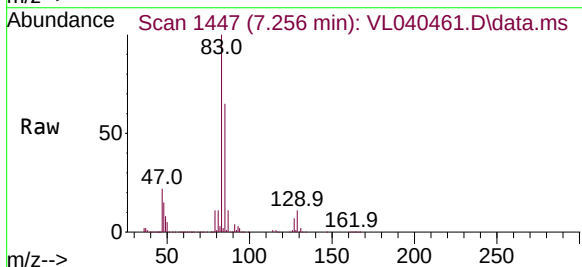
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

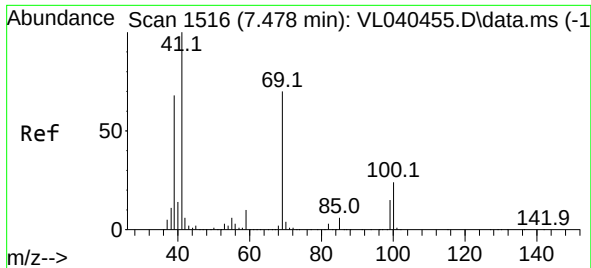
Tgt Ion: 42 Resp: 1059591
Ion Ratio Lower Upper
42 100
72 41.6 33.8 50.8
71 40.2 32.3 48.5



#42
Bromodichloromethane
Concen: 15.062 ppbv
RT: 7.256 min Scan# 1447
Delta R.T. 0.003 min
Lab File: VL040461.D
Acq: 5 Jun 2023 18:08

Tgt Ion: 83 Resp: 2826219
Ion Ratio Lower Upper
83 100
85 64.7 51.8 77.6
127 7.3 6.1 9.1



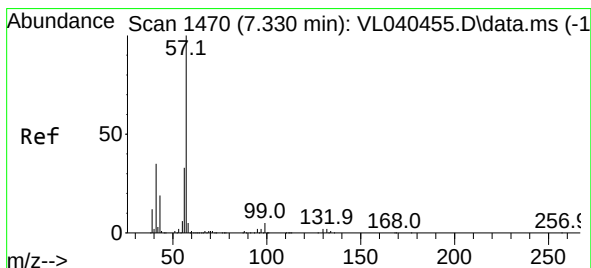
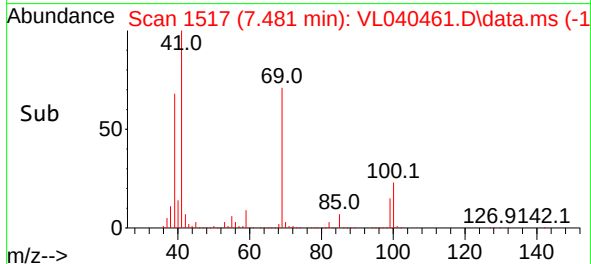
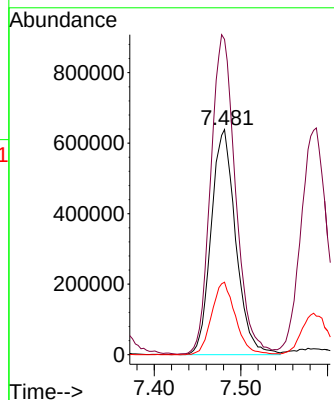
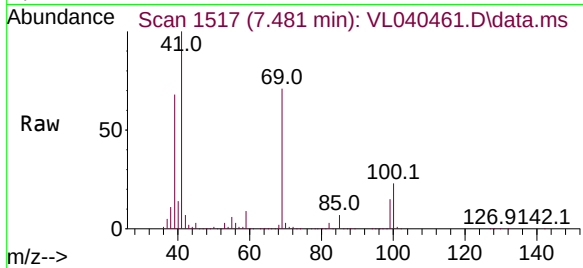


#43
Methyl Methacrylate
Concen: 16.738 ppbv
RT: 7.481 min Scan# 1517
Delta R.T. 0.003 min
Lab File: VL040461.D
Acq: 5 Jun 2023 18:08

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

Tgt Ion: 69 Resp: 1257638

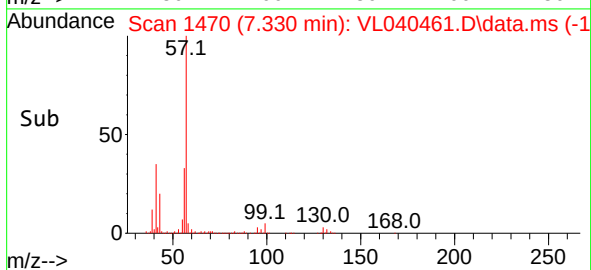
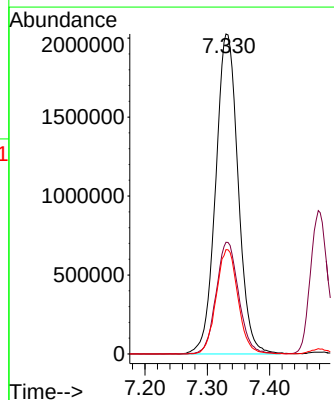
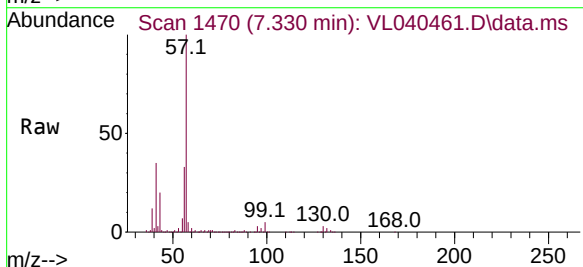
Ion	Ratio	Lower	Upper
69	100		
41	143.9	114.3	171.5
100	31.2	25.4	38.2

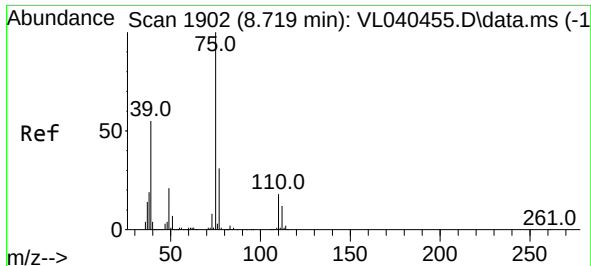


#44
2,2,4-Trimethylpentane
Concen: 14.828 ppbv
RT: 7.330 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VL040461.D
Acq: 5 Jun 2023 18:08

Tgt Ion: 57 Resp: 5063793

Ion	Ratio	Lower	Upper
57	100		
41	35.1	27.8	41.8
56	31.8	25.3	37.9

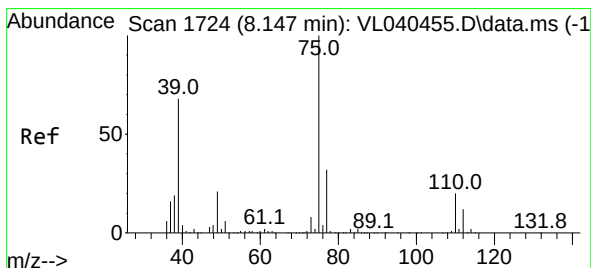
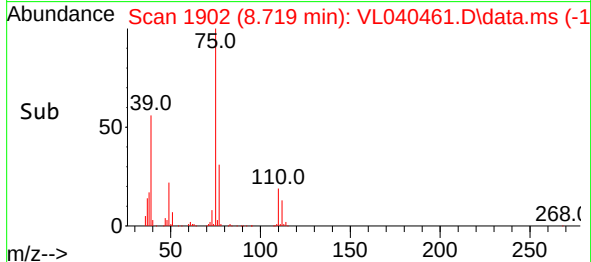
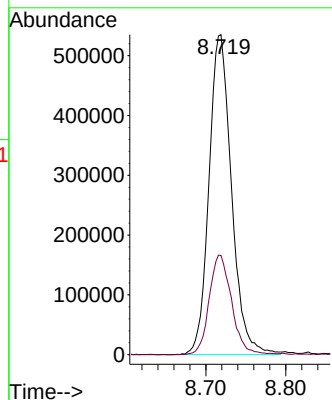
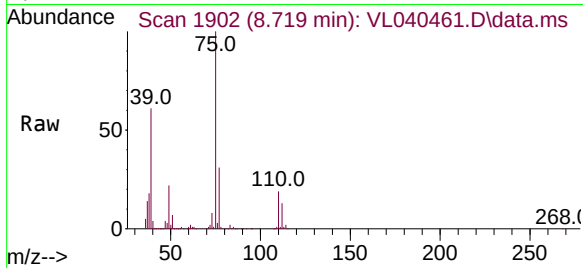




#45
 t-1,3-Dichloropropene
 Concen: 18.830 ppbv
 RT: 8.719 min Scan# 1902
 Delta R.T. -0.000 min
 Lab File: VL040461.D
 Acq: 5 Jun 2023 18:08

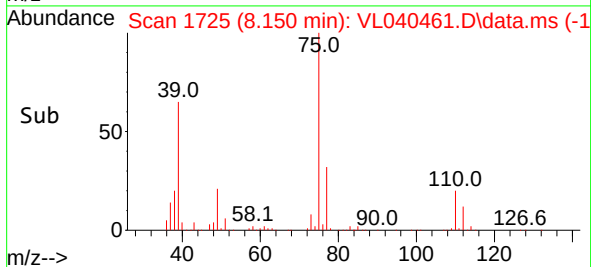
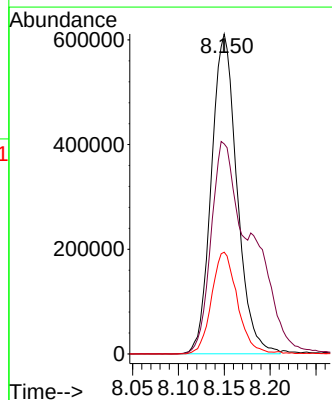
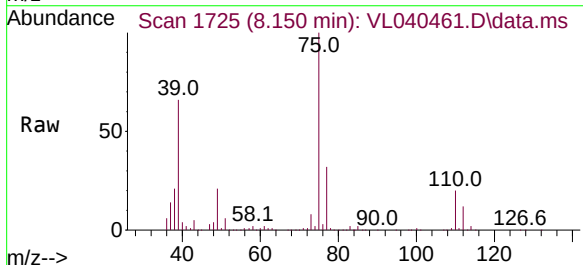
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC015

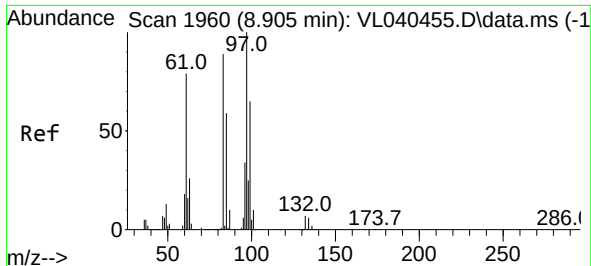
Tgt Ion: 75 Resp: 1047405
 Ion Ratio Lower Upper
 75 100
 77 31.0 25.0 37.4



#46
 cis-1,3-Dichloropropene
 Concen: 17.680 ppbv
 RT: 8.150 min Scan# 1725
 Delta R.T. 0.003 min
 Lab File: VL040461.D
 Acq: 5 Jun 2023 18:08

Tgt Ion: 75 Resp: 1187076
 Ion Ratio Lower Upper
 75 100
 39 65.6 54.2 81.4
 77 31.8 25.5 38.3





#47

1,1,2-Trichloroethane

Concen: 15.042 ppbv

RT: 8.905 min Scan# 1960

Delta R.T. -0.000 min

Lab File: VL040461.D

Acq: 5 Jun 2023 18:08

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC015

Tgt Ion: 97 Resp: 1331693

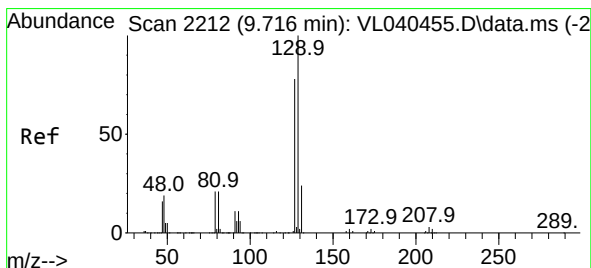
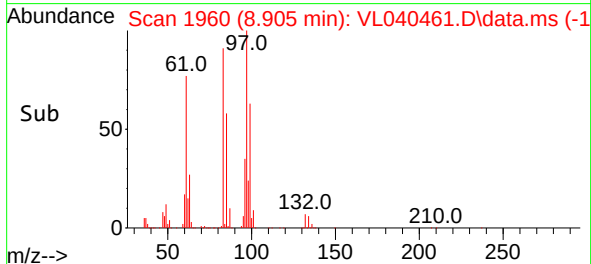
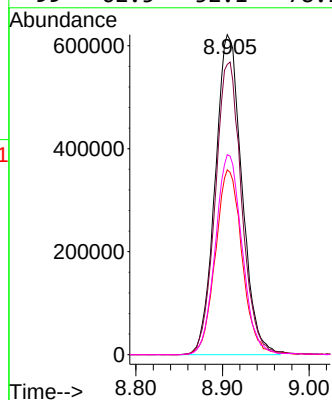
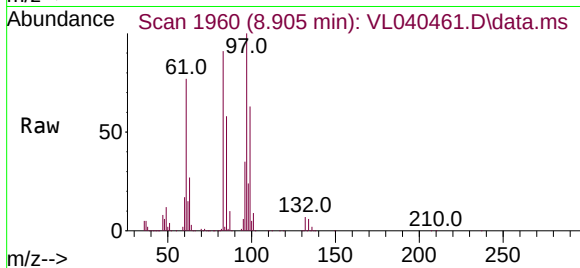
Ion Ratio Lower Upper

97 100

83 90.7 71.4 107.2

85 57.7 47.2 70.8

99 62.5 52.1 78.1



#48

Dibromochloromethane

Concen: 16.261 ppbv

RT: 9.719 min Scan# 2213

Delta R.T. 0.003 min

Lab File: VL040461.D

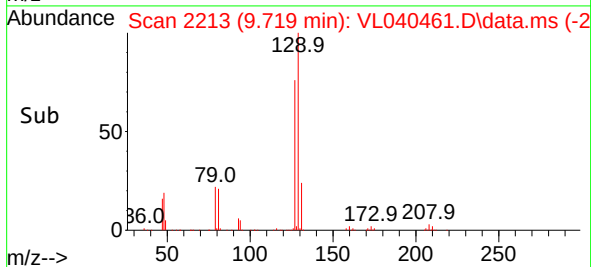
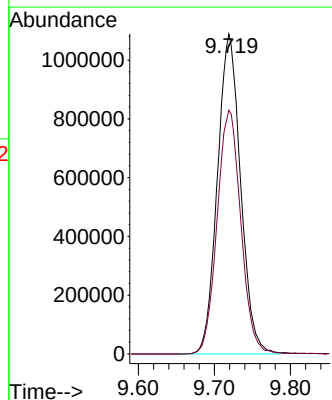
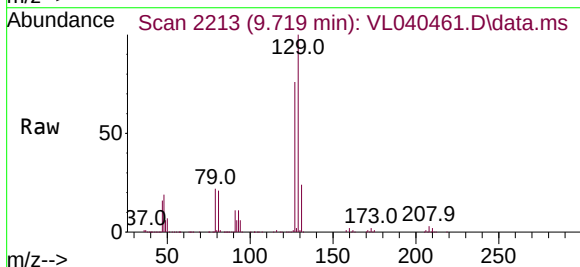
Acq: 5 Jun 2023 18:08

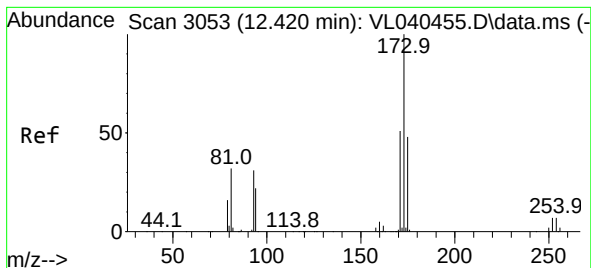
Tgt Ion: 129 Resp: 2303743

Ion Ratio Lower Upper

129 100

127 78.0 39.4 118.1





#49

Bromoform

Concen: 16.830 ppbv

RT: 12.420 min Scan# 3053

Delta R.T. -0.000 min

Lab File: VL040461.D

Acq: 5 Jun 2023 18:08

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC015

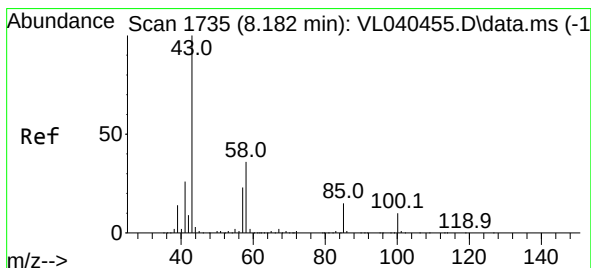
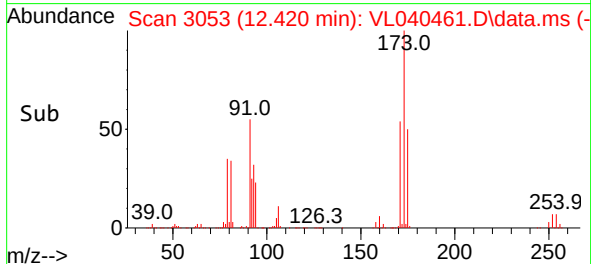
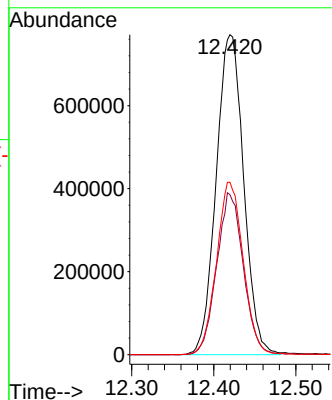
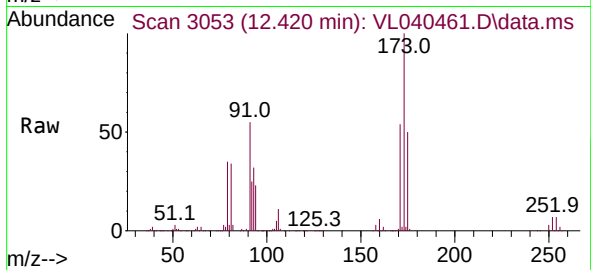
Tgt Ion:173 Resp: 1798183

Ion Ratio Lower Upper

173 100

175 49.1 39.2 58.8

171 52.8 42.2 63.2



#50

4-Methyl-2-Pentanone

Concen: 16.103 ppbv

RT: 8.185 min Scan# 1736

Delta R.T. 0.003 min

Lab File: VL040461.D

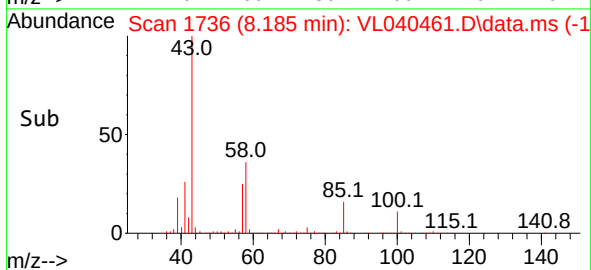
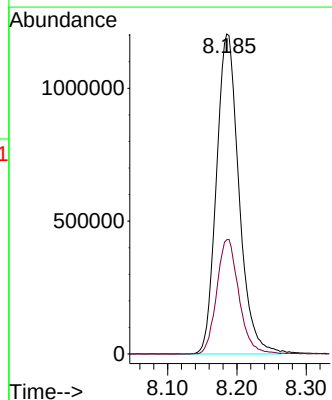
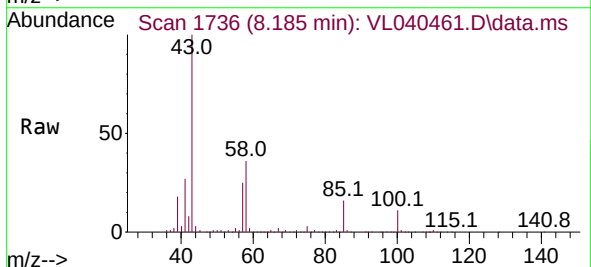
Acq: 5 Jun 2023 18:08

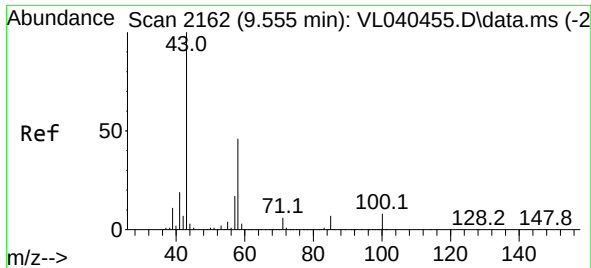
Tgt Ion: 43 Resp: 2720145

Ion Ratio Lower Upper

43 100

58 35.5 28.2 42.4

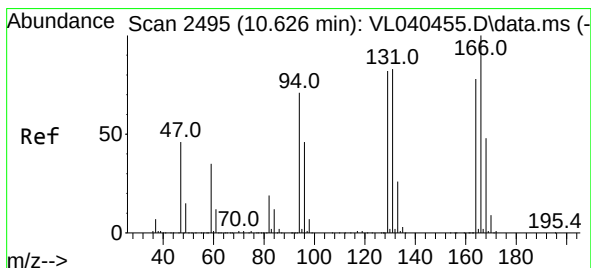
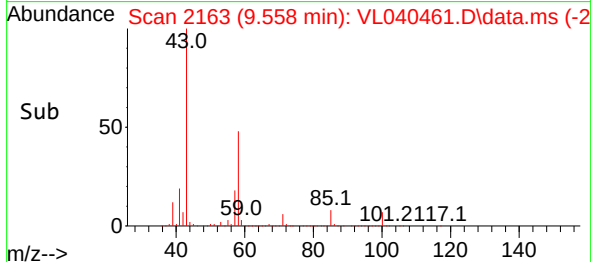
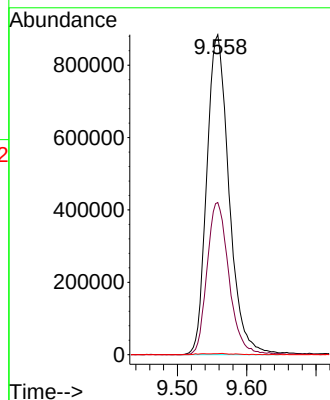
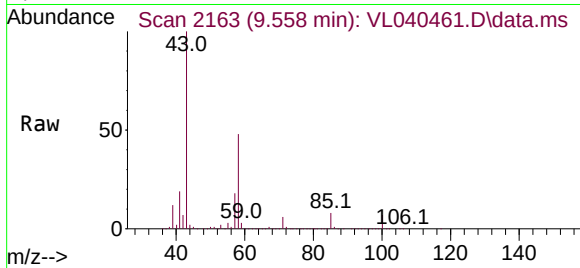




#51
2-Hexanone
Concen: 16.831 ppbv
RT: 9.558 min Scan# 2162
Delta R.T. 0.003 min
Lab File: VL040461.D
Acq: 5 Jun 2023 18:08

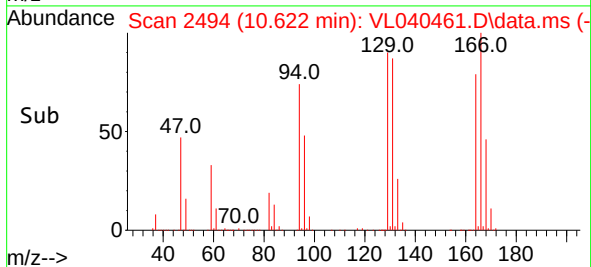
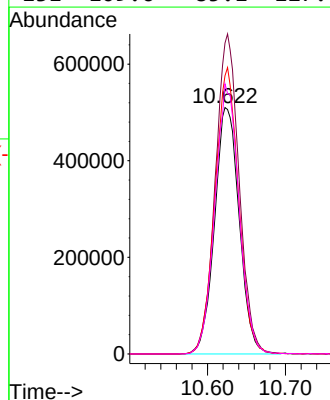
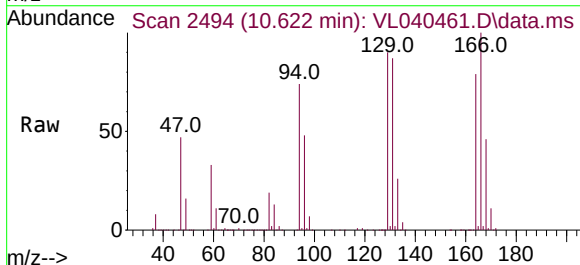
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

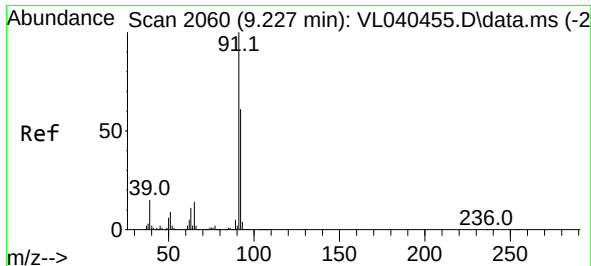
Tgt Ion: 43 Resp: 1969919
Ion Ratio Lower Upper
43 100
58 47.0 37.1 55.7
98 0.5 0.5 0.7



#52
Tetrachloroethene
Concen: 17.016 ppbv
RT: 10.622 min Scan# 2494
Delta R.T. -0.003 min
Lab File: VL040461.D
Acq: 5 Jun 2023 18:08

Tgt Ion: 164 Resp: 1117415
Ion Ratio Lower Upper
164 100
166 126.1 102.7 154.1
129 112.9 84.6 126.8
131 109.6 85.1 127.7

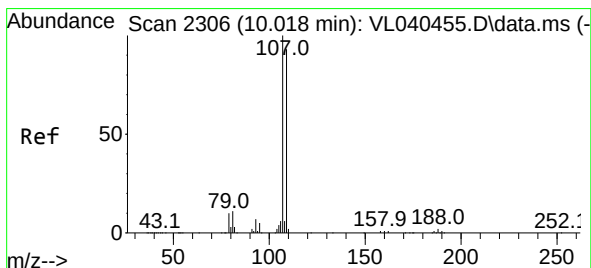
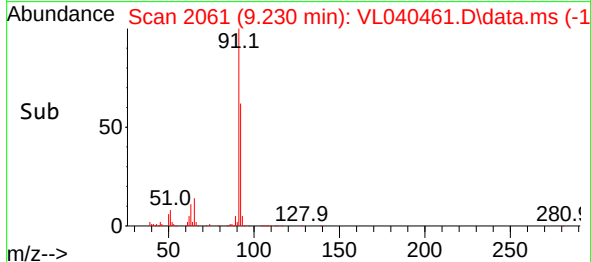
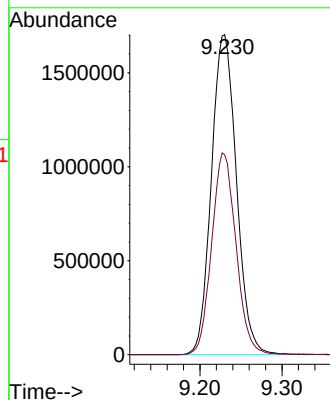
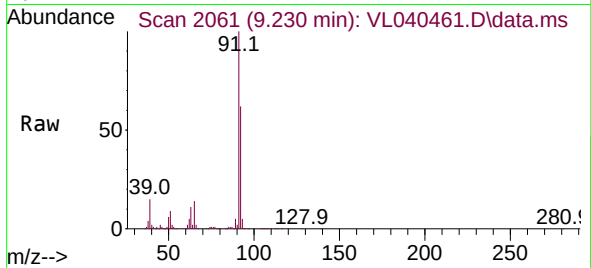




#53
Toluene
Concen: 16.437 ppbv
RT: 9.230 min Scan# 2060
Delta R.T. 0.003 min
Lab File: VL040461.D
Acq: 5 Jun 2023 18:08

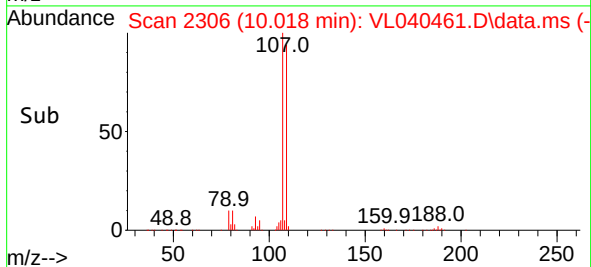
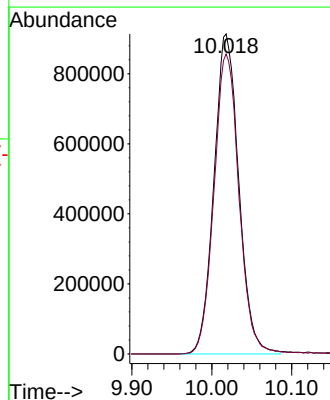
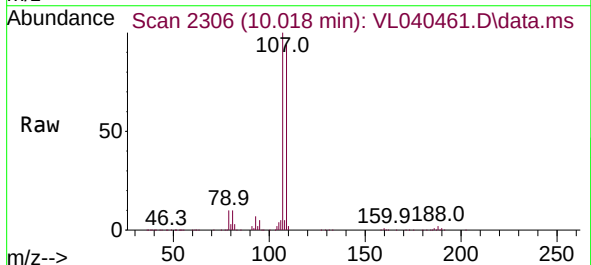
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

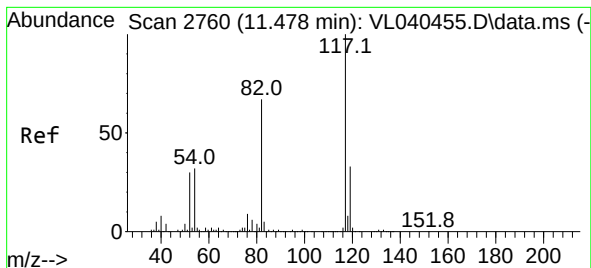
Tgt Ion: 91 Resp: 3620968
Ion Ratio Lower Upper
91 100
92 61.4 49.1 73.7



#54
1,2-Dibromoethane
Concen: 16.893 ppbv
RT: 10.018 min Scan# 2306
Delta R.T. -0.000 min
Lab File: VL040461.D
Acq: 5 Jun 2023 18:08

Tgt Ion: 107 Resp: 1966842
Ion Ratio Lower Upper
107 100
109 93.7 74.5 111.7

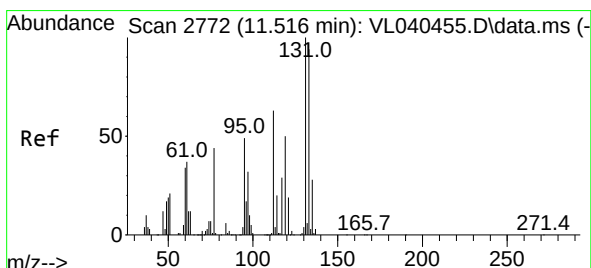
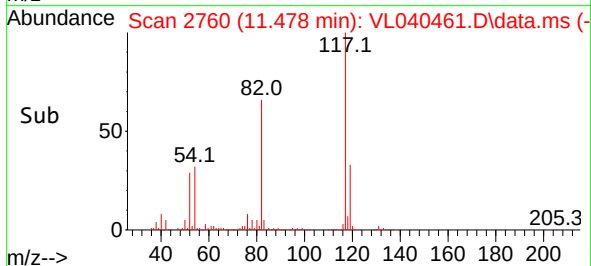
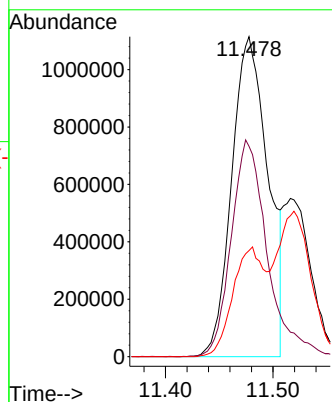
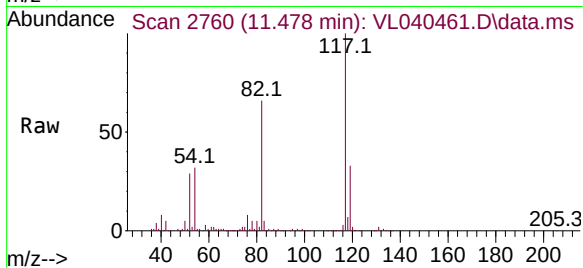




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.478 min Scan# 2760
Delta R.T. -0.000 min
Lab File: VL040461.D
Acq: 5 Jun 2023 18:08

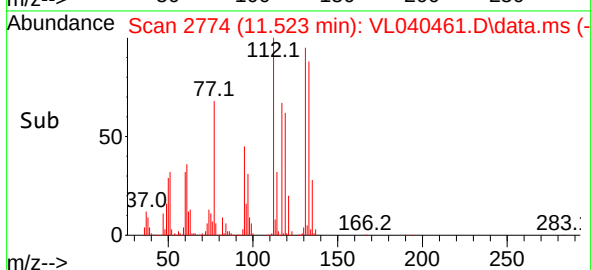
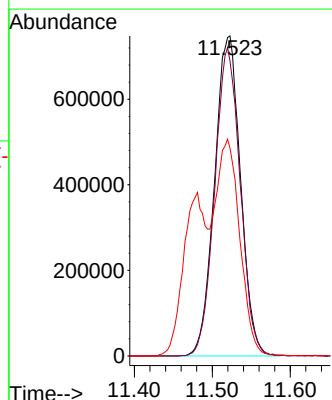
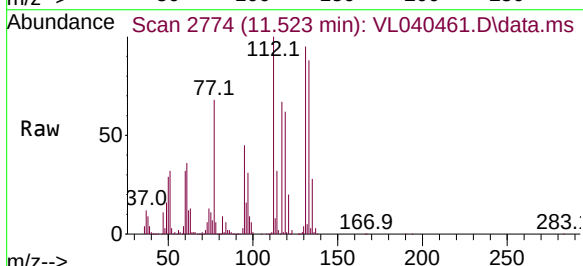
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

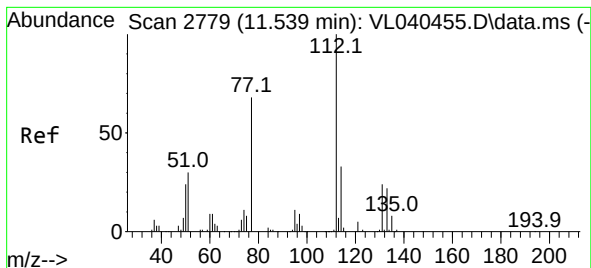
Tgt Ion:117 Resp: 2606912
Ion Ratio Lower Upper
117 100
82 67.7 53.0 79.4
119 0.0 24.4 36.6#



#56
1,1,1,2-Tetrachloroethane
Concen: 14.171 ppbv
RT: 11.523 min Scan# 2774
Delta R.T. 0.006 min
Lab File: VL040461.D
Acq: 5 Jun 2023 18:08

Tgt Ion:131 Resp: 1736478
Ion Ratio Lower Upper
131 100
133 94.5 75.7 113.5
119 69.7 51.4 77.2





#57

Chlorobenzene

Concen: 14.349 ppbv

RT: 11.536 min Scan# 21

Delta R.T. -0.003 min

Lab File: VL040461.D

Acq: 5 Jun 2023 18:08

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC015

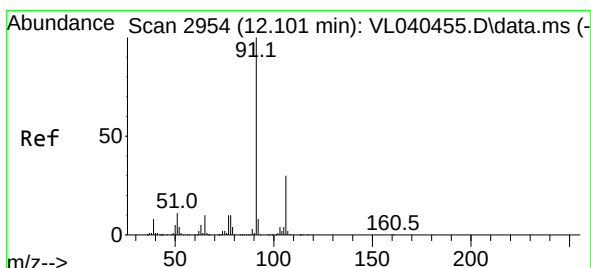
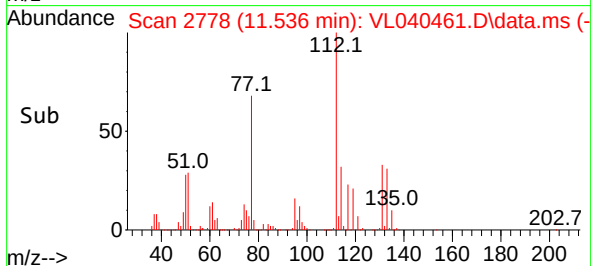
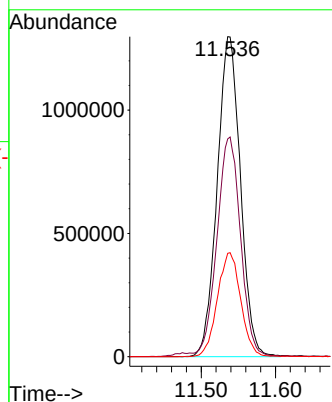
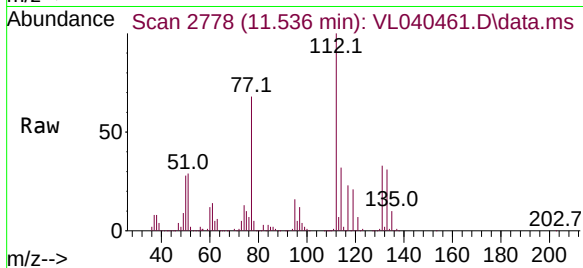
Tgt Ion:112 Resp: 2827424

Ion Ratio Lower Upper

112 100

77 67.9 55.4 83.2

114 32.3 30.0 36.6



#58

Ethyl Benzene

Concen: 15.849 ppbv

RT: 12.098 min Scan# 2953

Delta R.T. -0.003 min

Lab File: VL040461.D

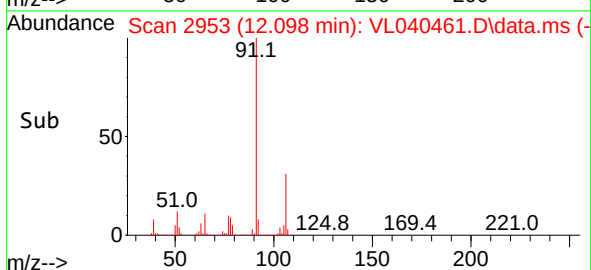
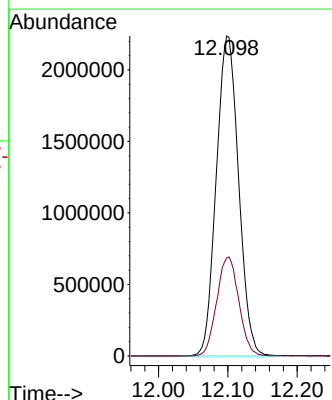
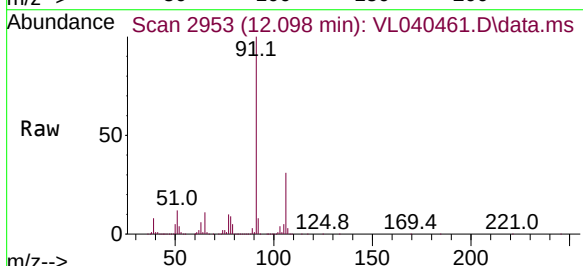
Acq: 5 Jun 2023 18:08

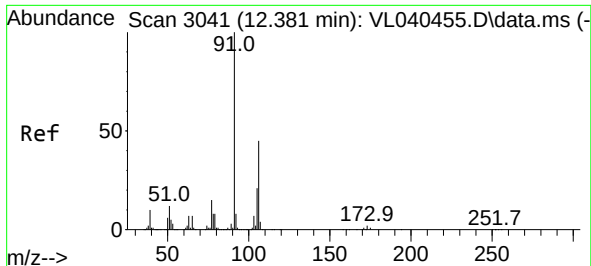
Tgt Ion: 91 Resp: 5001690

Ion Ratio Lower Upper

91 100

106 30.7 23.7 35.5





#59

m/p-Xylene

Concen: 18.150 ppbv

RT: 12.384 min Scan# 3041

Delta R.T. 0.003 min

Lab File: VL040461.D

Acq: 5 Jun 2023 18:08

Instrument :

MSVOA_L

ClientSampleId :

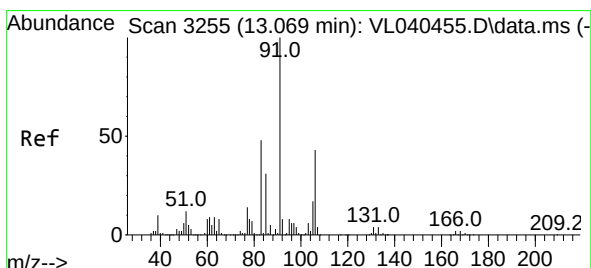
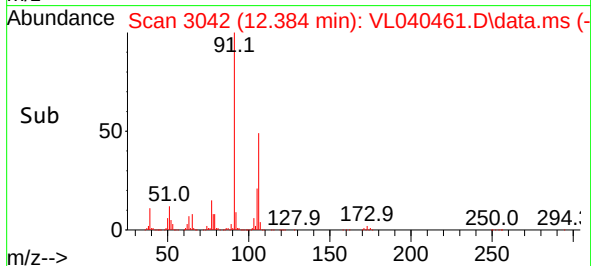
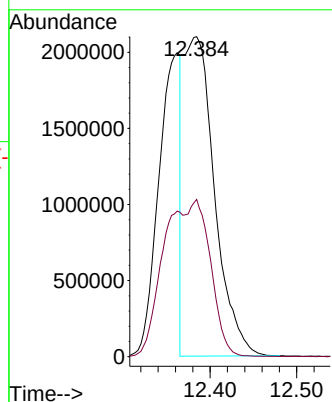
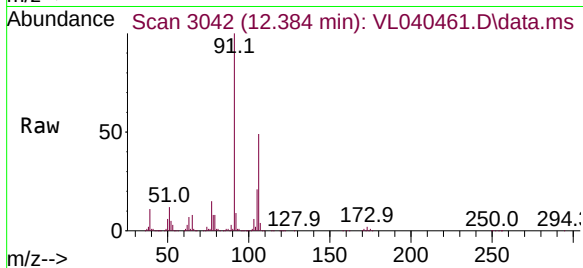
VSTDIC015

Tgt Ion: 91 Resp: 5253193

Ion Ratio Lower Upper

91 100

106 73.7 34.6 52.0#



#60

o-Xylene

Concen: 15.344 ppbv

RT: 13.069 min Scan# 3255

Delta R.T. -0.000 min

Lab File: VL040461.D

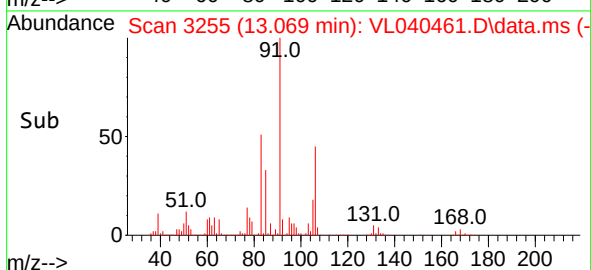
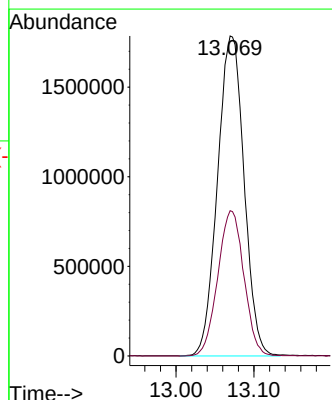
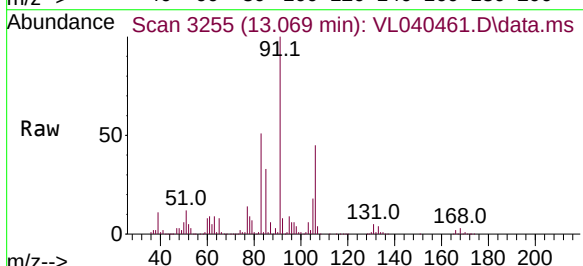
Acq: 5 Jun 2023 18:08

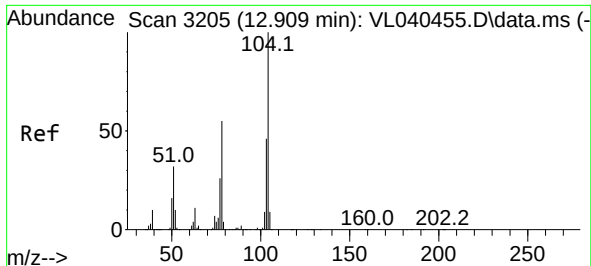
Tgt Ion: 91 Resp: 4224800

Ion Ratio Lower Upper

91 100

106 44.7 22.1 66.1





#61

Styrene

Concen: 18.224 ppbv

RT: 12.909 min Scan# 31

Delta R.T. -0.000 min

Lab File: VL040461.D

Acq: 5 Jun 2023 18:08

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC015

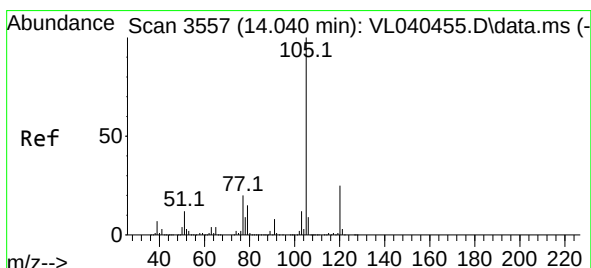
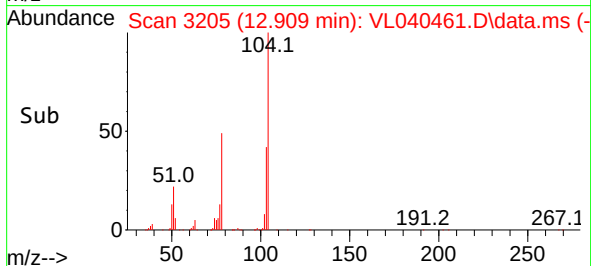
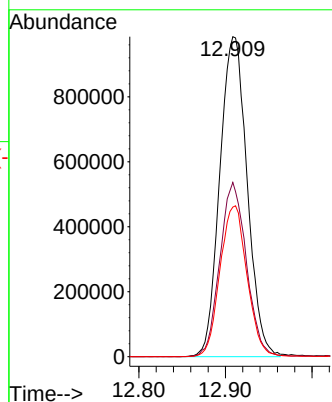
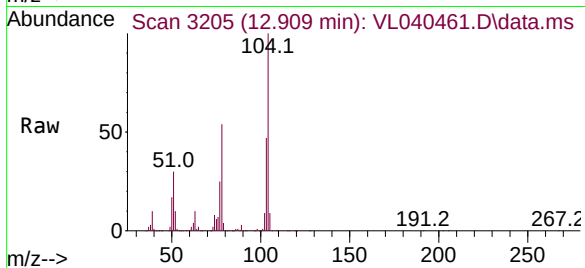
Tgt Ion:104 Resp: 2159054

Ion Ratio Lower Upper

104 100

78 53.0 43.1 64.7

103 46.7 37.1 55.7



#62

Isopropylbenzene

Concen: 14.841 ppbv

RT: 14.044 min Scan# 3558

Delta R.T. 0.003 min

Lab File: VL040461.D

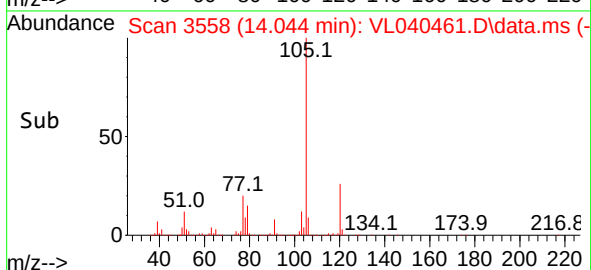
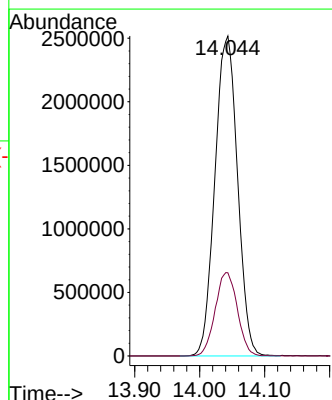
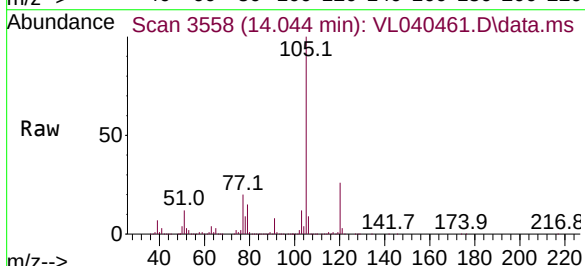
Acq: 5 Jun 2023 18:08

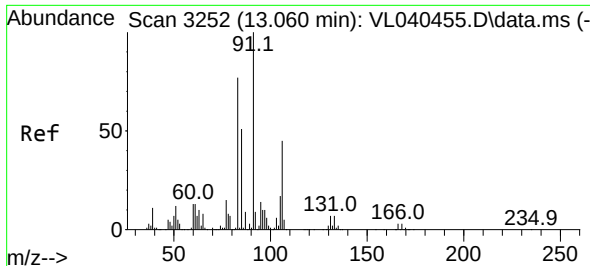
Tgt Ion:105 Resp: 6074111

Ion Ratio Lower Upper

105 100

120 25.5 20.2 30.4

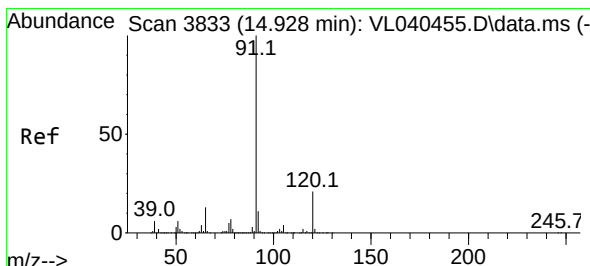
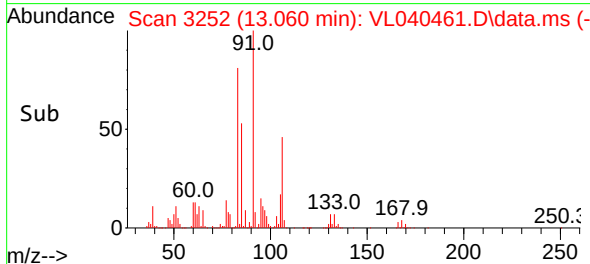
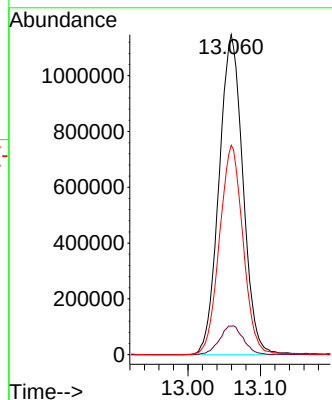
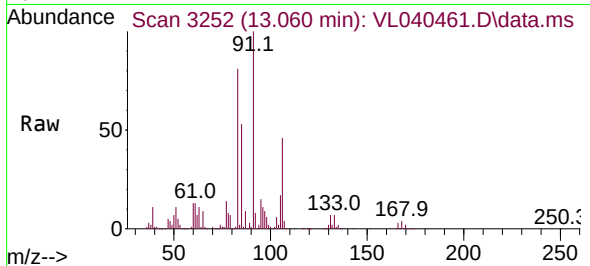




#63
1,1,2,2-Tetrachloroethane
Concen: 14.488 ppbv
RT: 13.060 min Scan# 31
Delta R.T. -0.000 min
Lab File: VL040461.D
Acq: 5 Jun 2023 18:08

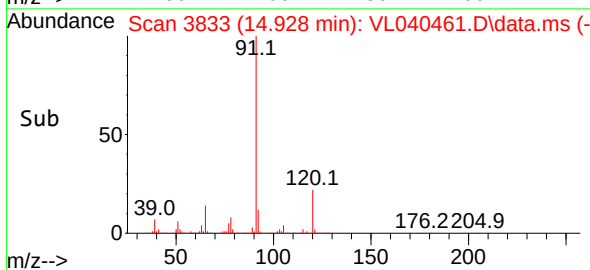
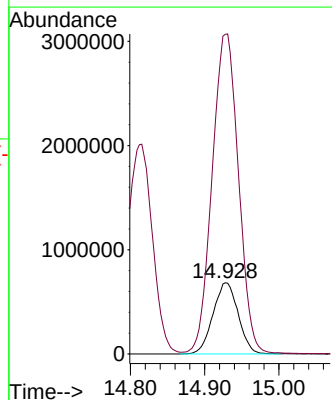
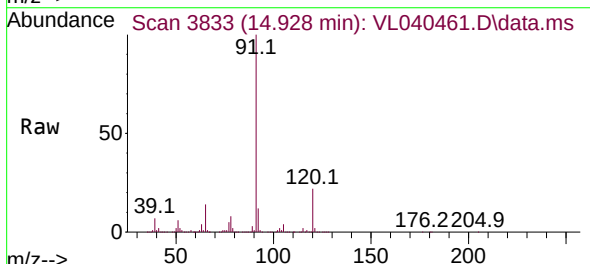
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

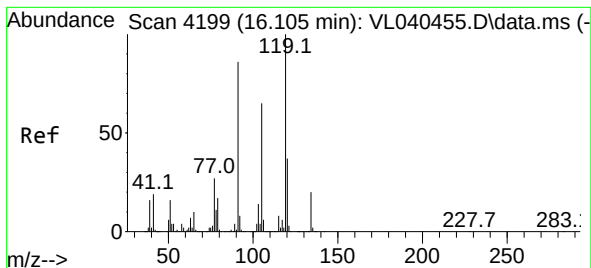
Tgt Ion: 83 Resp: 2617894
Ion Ratio Lower Upper
83 100
131 9.1 4.5 13.7
85 65.0 33.0 99.0



#64
n-propylbenzene
Concen: 16.748 ppbv
RT: 14.928 min Scan# 3833
Delta R.T. -0.000 min
Lab File: VL040461.D
Acq: 5 Jun 2023 18:08

Tgt Ion:120 Resp: 1605471
Ion Ratio Lower Upper
120 100
91 473.1 388.5 582.7

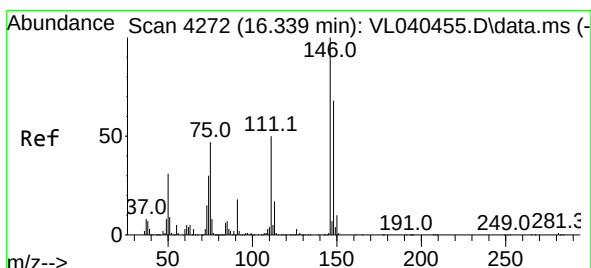
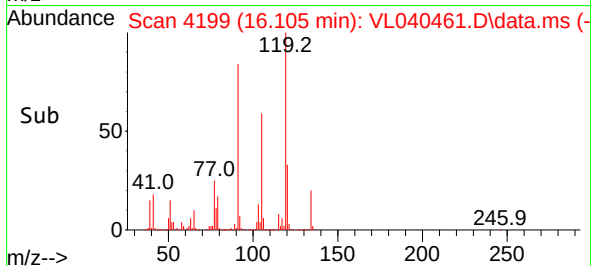
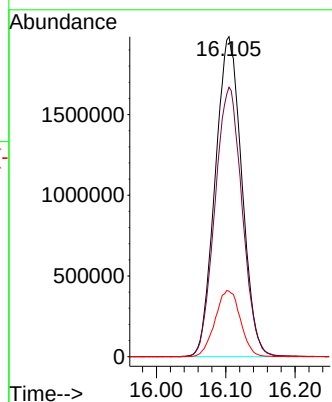
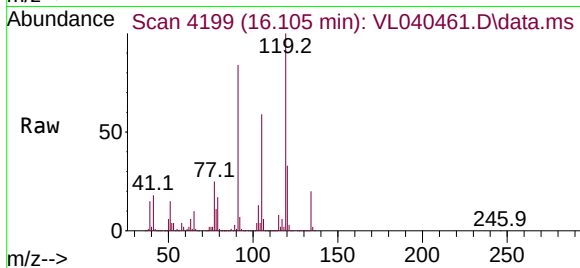




#65
tert-Butylbenzene
Concen: 14.926 ppbv
RT: 16.105 min Scan# 4199
Delta R.T. -0.000 min
Lab File: VL040461.D
Acq: 5 Jun 2023 18:08

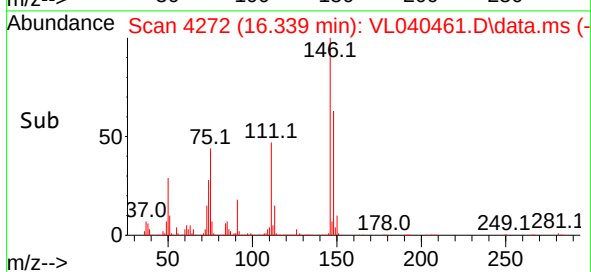
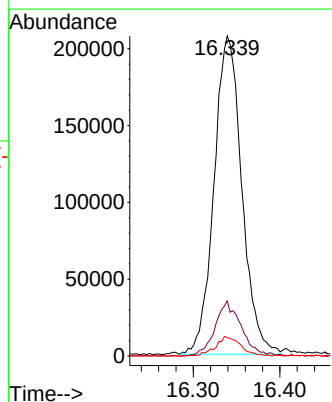
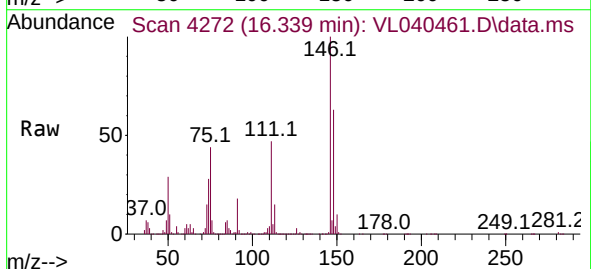
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

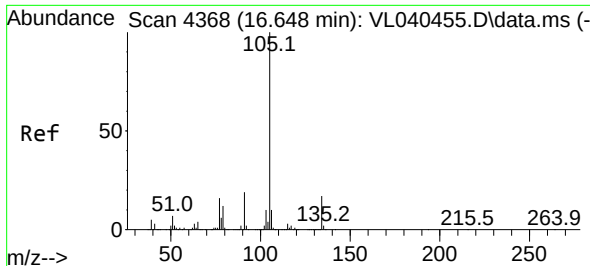
Tgt Ion:119 Resp: 5283098
Ion Ratio Lower Upper
119 100
91 86.3 70.5 105.7
134 19.8 15.6 23.4



#66
Benzyl Chloride
Concen: 17.586 ppbv
RT: 16.339 min Scan# 4272
Delta R.T. -0.000 min
Lab File: VL040461.D
Acq: 5 Jun 2023 18:08

Tgt Ion: 91 Resp: 461909
Ion Ratio Lower Upper
91 100
126 16.4 13.2 19.8
128 5.6 4.6 6.8

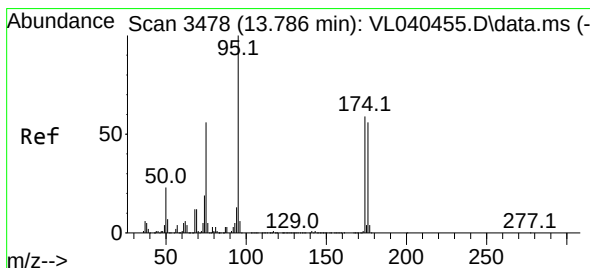
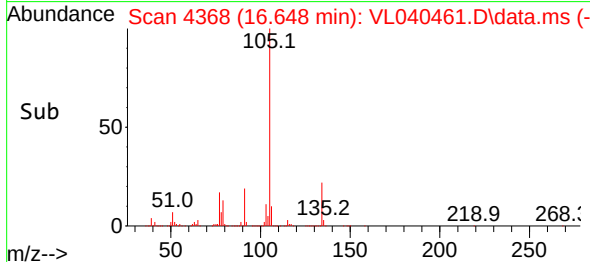
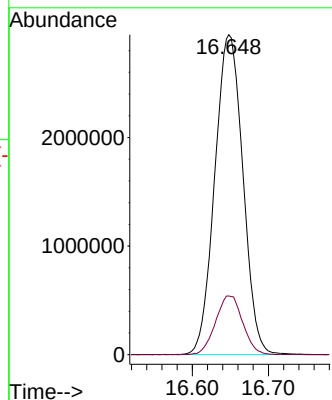
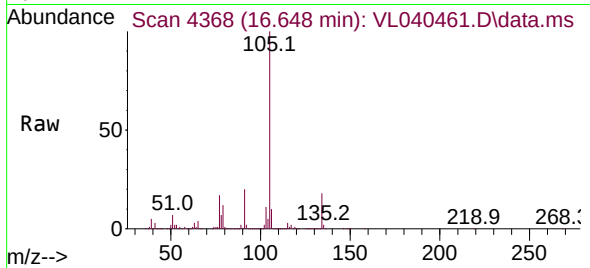




#67
 sec-Butylbenzene
 Concen: 14.737 ppbv
 RT: 16.648 min Scan# 4368
 Delta R.T. -0.000 min
 Lab File: VL040461.D
 Acq: 5 Jun 2023 18:08

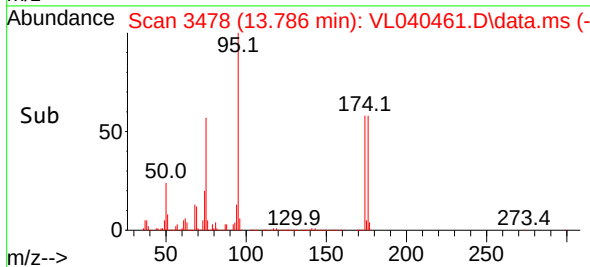
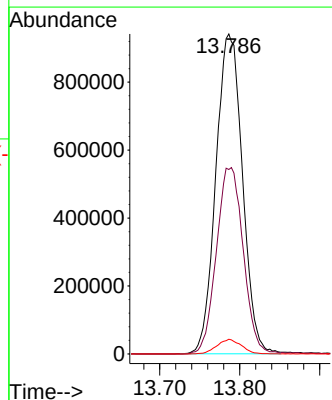
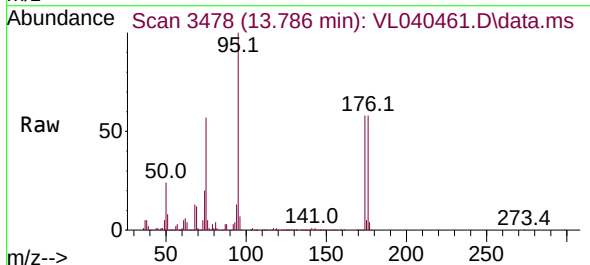
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC015

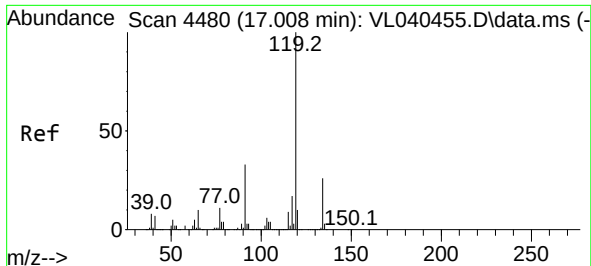
Tgt Ion:105 Resp: 7545671
 Ion Ratio Lower Upper
 105 100
 134 17.9 14.0 21.0



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.097 ppbv
 RT: 13.786 min Scan# 3478
 Delta R.T. -0.000 min
 Lab File: VL040461.D
 Acq: 5 Jun 2023 18:08

Tgt Ion: 95 Resp: 2172491
 Ion Ratio Lower Upper
 95 100
 174 59.4 47.7 71.5
 175 4.3 3.5 5.3

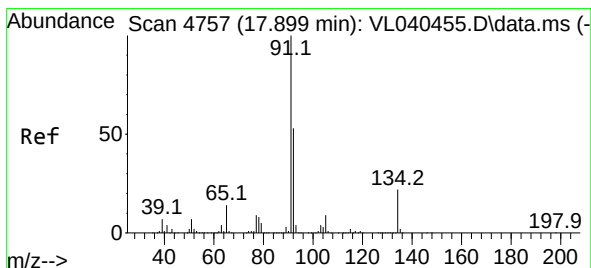
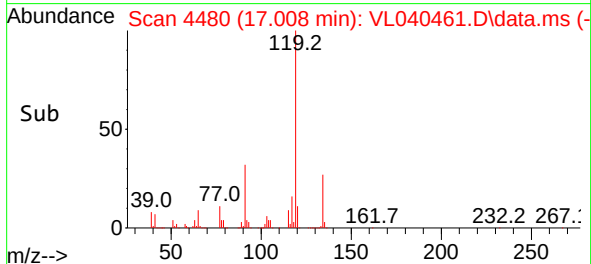
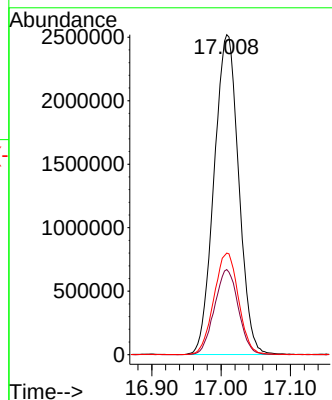
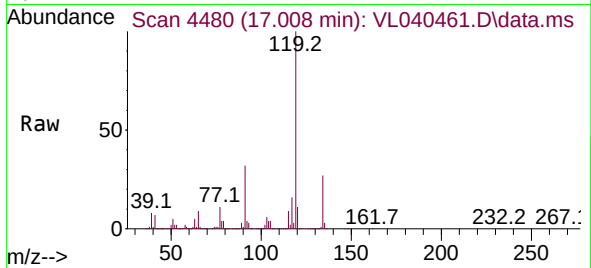




#69
p-Isopropyltoluene
Concen: 15.281 ppbv
RT: 17.008 min Scan# 4480
Delta R.T. -0.000 min
Lab File: VL040461.D
Acq: 5 Jun 2023 18:08

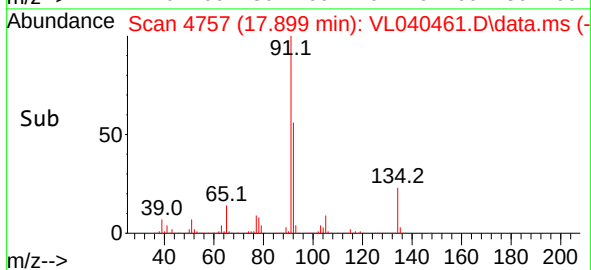
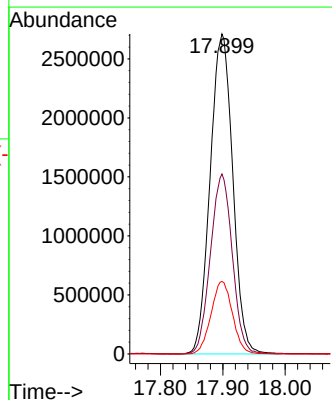
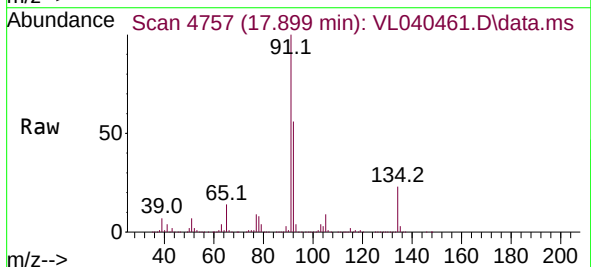
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

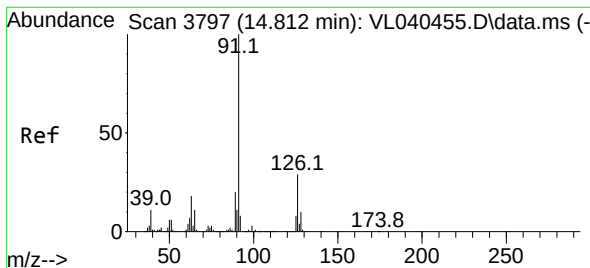
Tgt Ion:119 Resp: 6215184
Ion Ratio Lower Upper
119 100
134 25.8 20.3 30.5
91 31.8 25.5 38.3



#70
n-Butylbenzene
Concen: 15.017 ppbv
RT: 17.899 min Scan# 4757
Delta R.T. -0.000 min
Lab File: VL040461.D
Acq: 5 Jun 2023 18:08

Tgt Ion: 91 Resp: 6821965
Ion Ratio Lower Upper
91 100
92 54.6 42.7 64.1
134 21.6 16.9 25.3

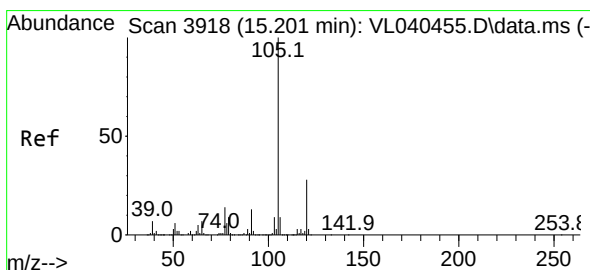
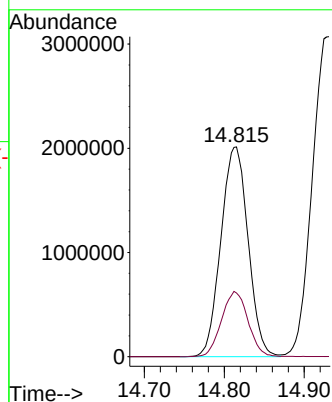
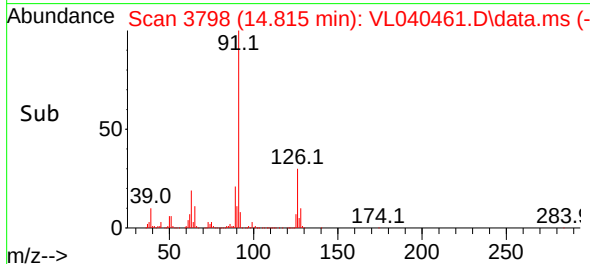
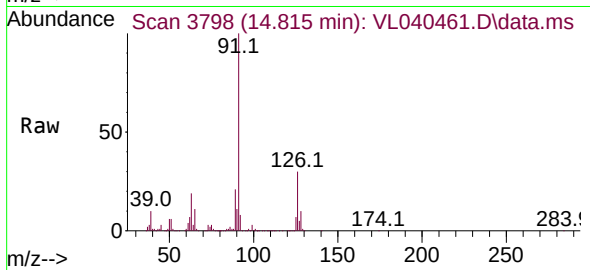




#71
2-Chlorotoluene
Concen: 15.640 ppbv
RT: 14.815 min Scan# 31
Delta R.T. 0.003 min
Lab File: VL040461.D
Acq: 5 Jun 2023 18:08

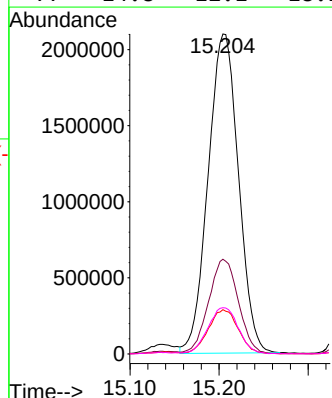
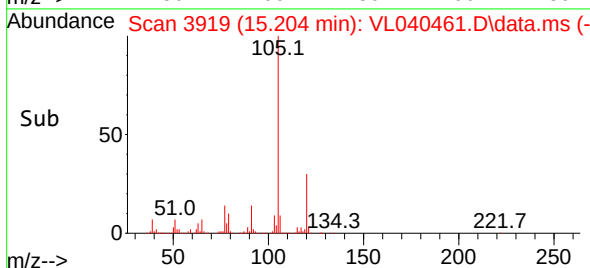
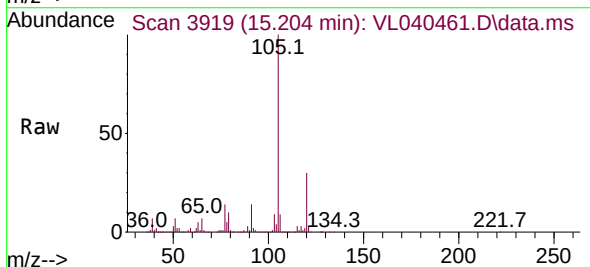
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

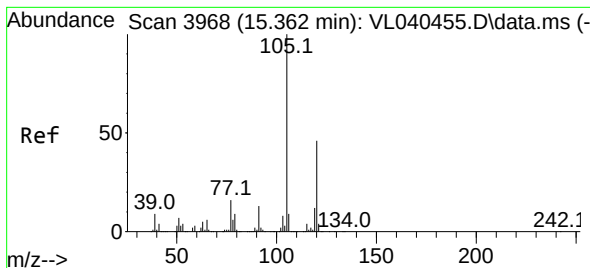
Tgt Ion: 91 Resp: 4753192
Ion Ratio Lower Upper
91 100
126 30.4 12.0 48.2



#72
4-Ethyltoluene
Concen: 16.022 ppbv
RT: 15.204 min Scan# 3919
Delta R.T. 0.003 min
Lab File: VL040461.D
Acq: 5 Jun 2023 18:08

Tgt Ion: 105 Resp: 4968481
Ion Ratio Lower Upper
105 100
120 30.2 23.4 35.0
91 14.4 11.1 16.7
77 14.8 12.1 18.1





#73

1,3,5-Trimethylbenzene

Concen: 15.720 ppbv

RT: 15.362 min Scan# 3968

Delta R.T. -0.000 min

Lab File: VL040461.D

Acq: 5 Jun 2023 18:08

Instrument :

MSVOA_L

ClientSampleId :

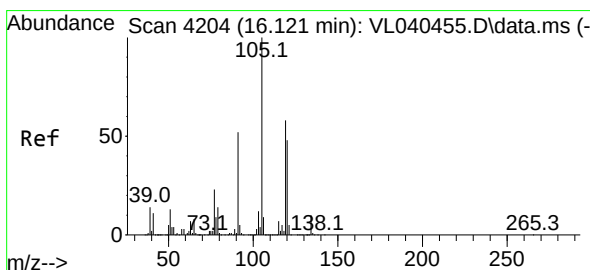
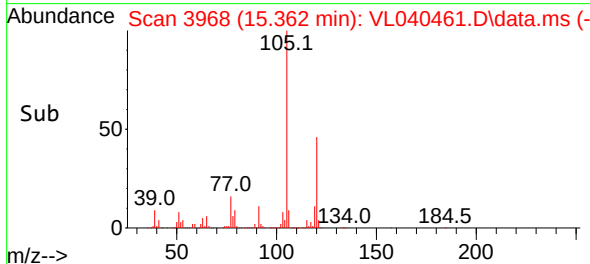
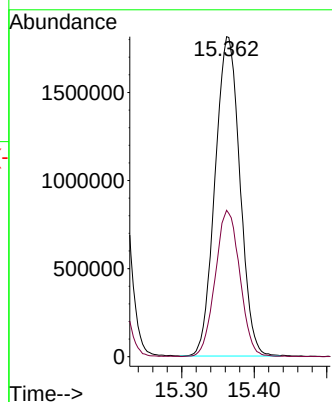
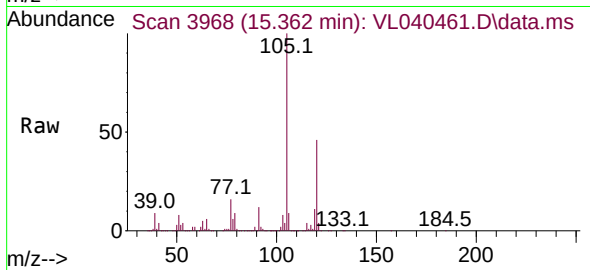
VSTDIC015

Tgt Ion:105 Resp: 4308843

Ion Ratio Lower Upper

105 100

120 45.8 36.4 54.6



#74

1,2,4-Trimethylbenzene

Concen: 14.865 ppbv

RT: 16.124 min Scan# 4205

Delta R.T. 0.003 min

Lab File: VL040461.D

Acq: 5 Jun 2023 18:08

Tgt Ion:105 Resp: 4793368

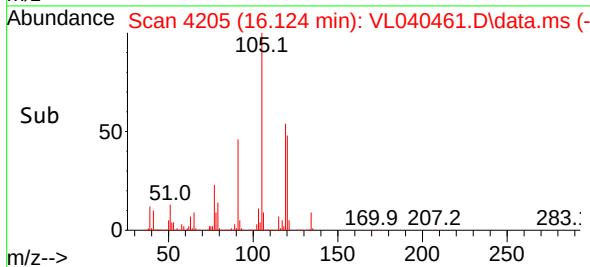
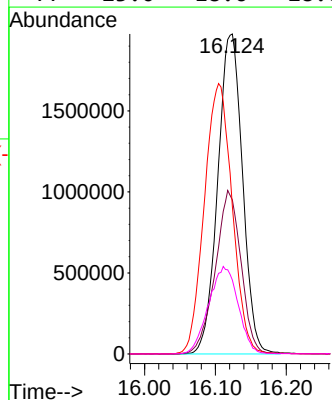
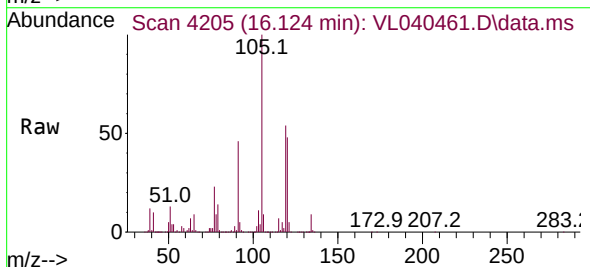
Ion Ratio Lower Upper

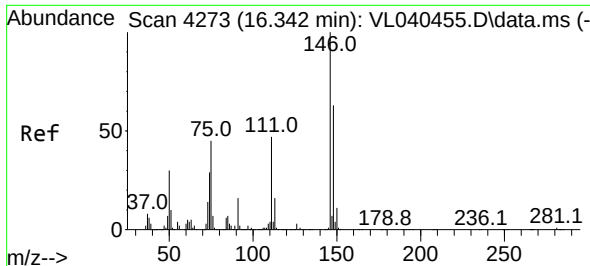
105 100

120 48.0 38.4 57.6

91 45.9 41.3 61.9

77 23.0 18.6 28.0

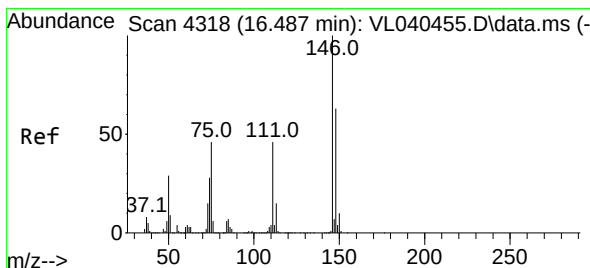
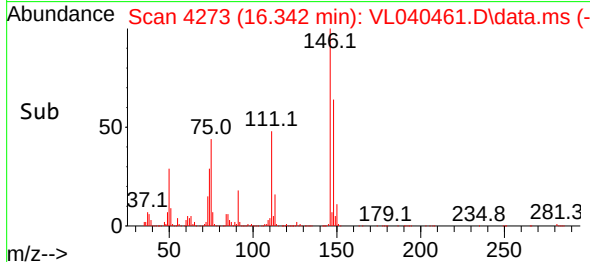
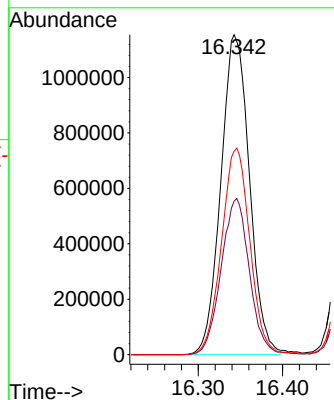
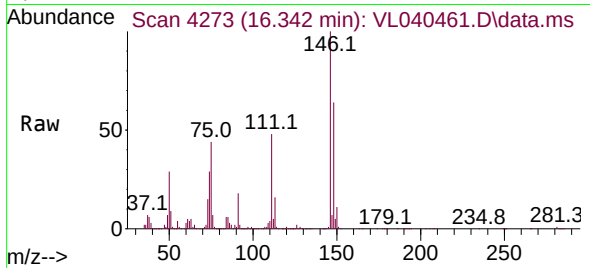




#75
1,3-Dichlorobenzene
Concen: 15.045 ppbv
RT: 16.342 min Scan# 41
Delta R.T. -0.000 min
Lab File: VL040461.D
Acq: 5 Jun 2023 18:08

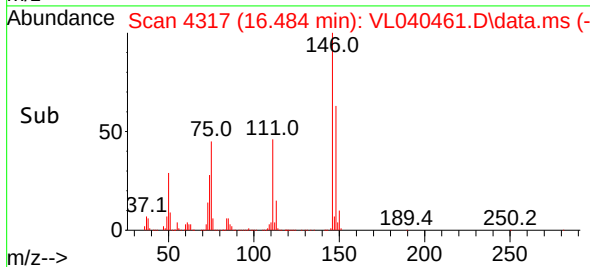
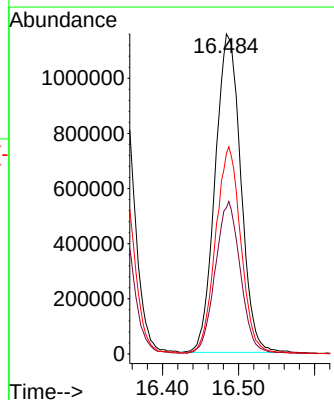
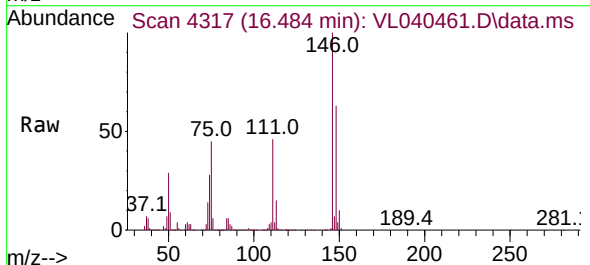
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

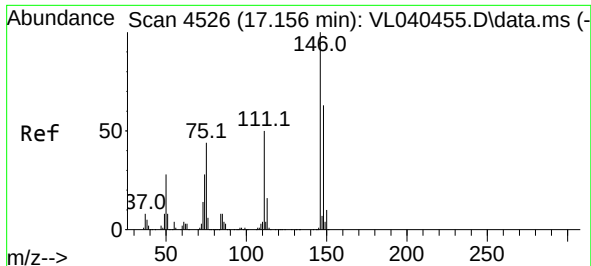
Tgt Ion:146 Resp: 2715195
Ion Ratio Lower Upper
146 100
111 48.4 24.6 73.8
148 64.4 32.4 97.2



#76
1,4-Dichlorobenzene
Concen: 15.107 ppbv
RT: 16.484 min Scan# 4317
Delta R.T. -0.003 min
Lab File: VL040461.D
Acq: 5 Jun 2023 18:08

Tgt Ion:146 Resp: 2699984
Ion Ratio Lower Upper
146 100
111 47.2 23.8 71.5
148 64.6 32.9 98.6

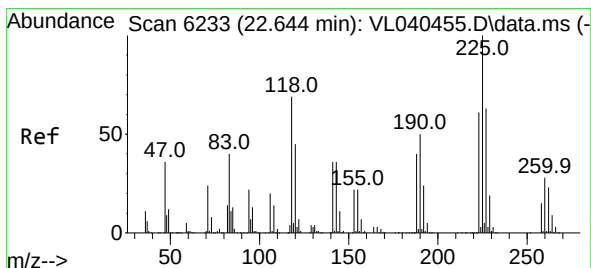
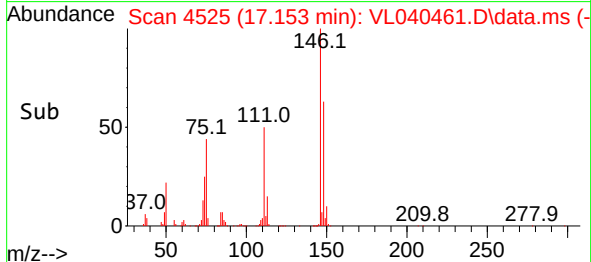
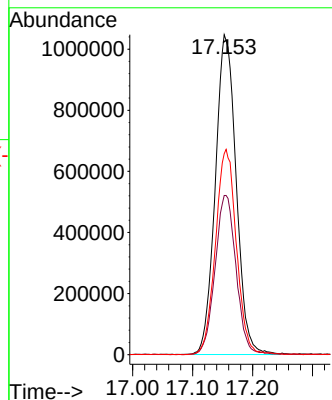
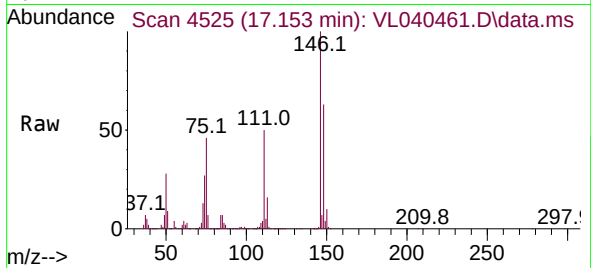




#77
1,2-Dichlorobenzene
Concen: 14.602 ppbv
RT: 17.153 min Scan# 4525
Delta R.T. -0.003 min
Lab File: VL040461.D
Acq: 5 Jun 2023 18:08

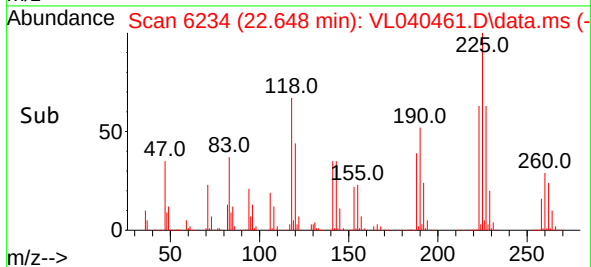
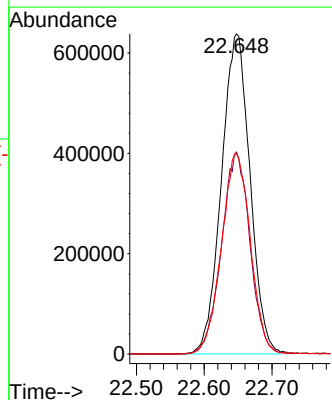
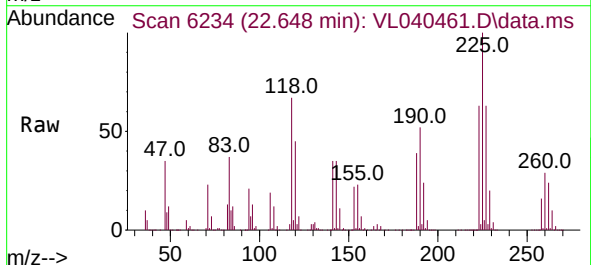
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC015

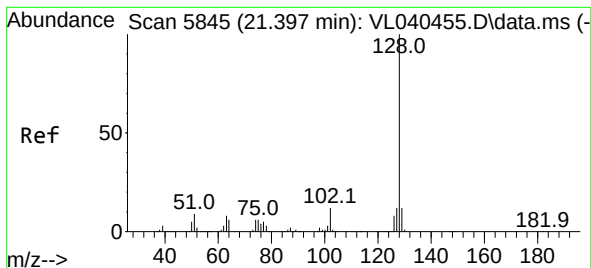
Tgt Ion:146 Resp: 2526441
Ion Ratio Lower Upper
146 100
111 50.1 25.1 75.3
148 64.2 32.0 96.2



#78
Hexachloro-1,3-Butadiene
Concen: 14.121 ppbv
RT: 22.648 min Scan# 6234
Delta R.T. 0.003 min
Lab File: VL040461.D
Acq: 5 Jun 2023 18:08

Tgt Ion:225 Resp: 1867347
Ion Ratio Lower Upper
225 100
223 62.9 50.0 75.0
227 63.7 50.9 76.3





#79

Naphthalene

Concen: 19.935 ppbv

RT: 21.400 min Scan# 5846

Delta R.T. 0.003 min

Lab File: VL040461.D

Acq: 5 Jun 2023 18:08

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC015

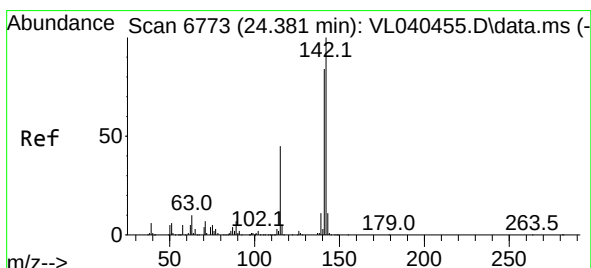
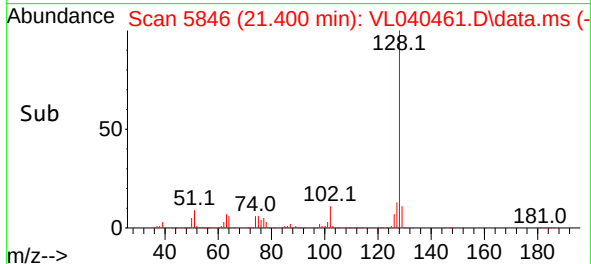
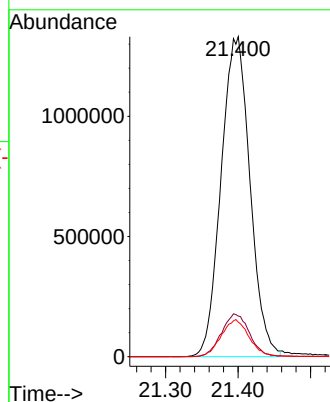
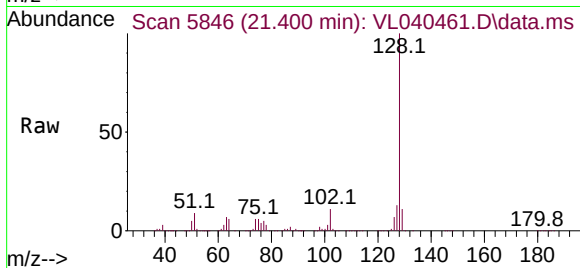
Tgt Ion:128 Resp: 3686741

Ion Ratio Lower Upper

128 100

127 12.7 9.9 14.9

129 10.8 9.2 13.8



#80

Naphthalene,2-methyl-

Concen: 23.915 ppbv

RT: 24.381 min Scan# 6773

Delta R.T. -0.000 min

Lab File: VL040461.D

Acq: 5 Jun 2023 18:08

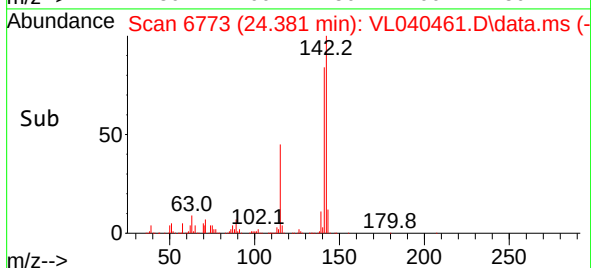
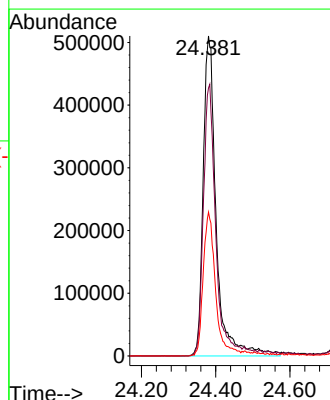
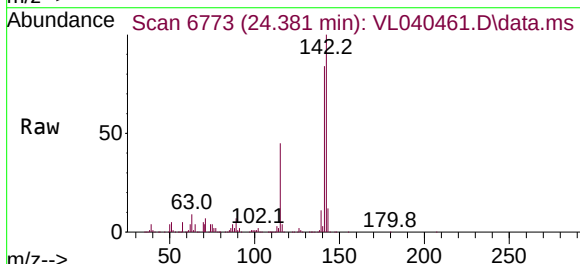
Tgt Ion:142 Resp: 1243787

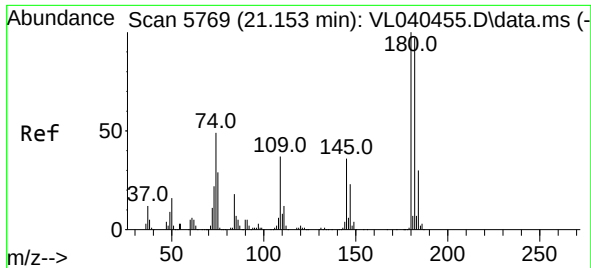
Ion Ratio Lower Upper

142 100

141 83.3 65.4 98.0

115 42.4 36.6 55.0





#81

1,2,4-Trichlorobenzene

Concen: 16.450 ppbv

RT: 21.153 min Scan# 51

Delta R.T. -0.000 min

Lab File: VL040461.D

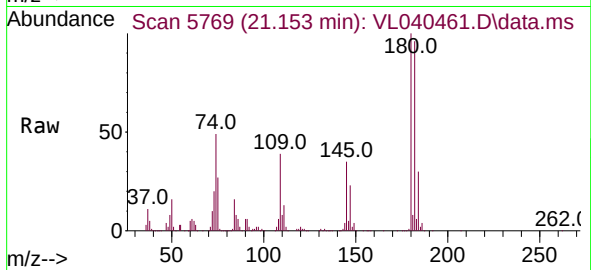
Acq: 5 Jun 2023 18:08

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC015



Tgt Ion:180 Resp: 2108927

Ion Ratio Lower Upper

180 100

182 96.4 77.2 115.8

184 30.9 24.4 36.6

