

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL102122\
 Data File : VL039746.D
 Acq On : 21 Oct 2022 15:04
 Operator : SY/AP
 Sample : VSTDIC015
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC015

Quant Time: Oct 22 03:05:19 2022

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL102122AIR.M

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

QLast Update : Sat Oct 22 02:12:34 2022

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.202	49	897653	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.655	114	2725356	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.462	117	2624727	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.770 95 1801776 9.670 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 96.700%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.748	85	1382631	9.198	ppbv	99
3) Chlorodifluoromethane	2.694	51	1813264	15.854	ppbv	99
4) Chloromethane	2.832	50	1151734	16.094	ppbv	93
5) Vinyl Chloride	2.938	62	972961	17.319	ppbv	97
6) Bromomethane	3.137	94	341647	16.422	ppbv	95
7) Chloroethane	3.214	64	368105	17.680	ppbv	90
8) Dichlorotetrafluoroethane	2.874	85	1905404	13.663	ppbv	97
9) Propene	2.710	41	901788	17.268	ppbv	98
10) Heptane	7.581	43	2160574	17.828	ppbv	99
11) Trichlorofluoromethane	3.578	101	2193604	15.677	ppbv	97
12) 1,1,2-Trichlorotrifluo...	4.079	101	1742657	15.482	ppbv	99
13) Ethanol	3.263	45	23230	6.529	ppbv #	14
14) Bromoethene	3.382	108	713439	16.639	ppbv	97
15) Acetone	3.481	43	1711431	15.791	ppbv	99
16) 1,3-Butadiene	3.002	39	959236	17.633	ppbv	96
17) tert-Butyl alcohol	3.890	59	1648962	17.907	ppbv	99
18) 1,1-Dichloroethene	3.893	96	767593	15.892	ppbv	100
19) Isopropyl Alcohol	3.587	45	972856	18.380	ppbv #	97
20) Methylene Chloride	3.944	84	657278	15.084	ppbv	98
21) Allyl Chloride	4.009	41	1265437	16.916	ppbv	95
22) trans-1,2-Dichloroethene	4.456	96	828609	16.897	ppbv	97
23) Vinyl Acetate	4.636	43	790174	17.278	ppbv #	98
24) 1,1-Dichloroethane	4.575	63	1666782	15.986	ppbv	99
25) Ethyl Acetate	5.211	43	3456811	15.919	ppbv	99
26) Hexane	5.221	57	1430990	16.181	ppbv	97
27) Carbon Disulfide	4.137	76	2026986	18.304	ppbv	99
28) Methyl tert-Butyl Ether	4.597	73	1438846	17.157	ppbv	100
29) Chloroform	5.282	83	2226679	15.707	ppbv	97
30) Cyclohexane	6.607	84	1318953	17.741	ppbv	97
31) cis-1,2-Dichloroethene	5.086	61	1325184	16.710	ppbv	96
32) 1,1,1-Trichloroethane	6.009	97	2289833	18.622	ppbv	98
34) 2-Butanone	4.796	43	2000046	15.910	ppbv	100
35) Carbon Tetrachloride	6.497	117	2388555	16.911	ppbv	99
36) Benzene	6.375	78	3334956	16.214	ppbv	98
37) 1,2-Dichloroethane	5.812	62	1760665	15.891	ppbv	100
38) Trichloroethene	7.291	130	1873005	16.978	ppbv	95
39) 1,2-Dichloropropane	7.076	63	1272240	16.125	ppbv	98
40) 1,4-Dioxane	7.291	88	394011	13.037	ppbv #	84
41) Tetrahydrofuran	5.562	42	1390026	17.246	ppbv	99
42) Bromodichloromethane	7.250	83	2567689	16.875	ppbv	98
43) Methyl Methacrylate	7.478	69	1342649	18.146	ppbv	98
44) 2,2,4-Trimethylpentane	7.327	57	5467453	15.688	ppbv	99
45) t-1,3-Dichloropropene	8.706	75	1304429	21.298	ppbv	97

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Instrument :
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 ClientSampleId :
 VSTDIC015

Quant Time: Oct 22 03:05:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL102122AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Sat Oct 22 02:12:34 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.144	75	1745183	20.116	ppbv	97
47) 1,1,2-Trichloroethane	8.899	97	1361055	15.884	ppbv	96
48) Dibromochloromethane	9.706	129	2271650	17.574	ppbv	99
49) Bromoform	12.401	173	1916518	18.417	ppbv	99
50) 4-Methyl-2-Pentanone	8.182	43	3525384	17.200	ppbv	100
51) 2-Hexanone	9.549	43	2736555	18.627	ppbv #	98
52) Tetrachloroethene	10.610	164	1233395	16.612	ppbv	95
53) Toluene	9.217	91	3885348	17.494	ppbv	99
54) 1,2-Dibromoethane	10.005	107	1554426	18.040	ppbv	99
56) 1,1,1,2-Tetrachloroethane	11.504	131	1602292	15.041	ppbv	97
57) Chlorobenzene	11.523	112	2865606	14.881	ppbv	97
58) Ethyl Benzene	12.085	91	5022842	16.569	ppbv	98
59) m/p-Xylene	12.368	91	4020410	15.005	ppbv #	25
60) o-Xylene	13.057	91	4038313	15.755	ppbv	98
61) Styrene	12.893	104	2510191	18.718	ppbv	98
62) Isopropylbenzene	14.024	105	5776841	15.132	ppbv	98
63) 1,1,2,2-Tetrachloroethane	13.044	83	1436945	14.670	ppbv	100
64) n-propylbenzene	14.912	120	1519133	15.838	ppbv	99
65) tert-Butylbenzene	16.089	119	5033351	15.050	ppbv	100
66) Benzyl Chloride	16.320	91	426609	18.255	ppbv	99
67) sec-Butylbenzene	16.635	105	7065306	15.269	ppbv	100
69) p-Isopropyltoluene	16.989	119	5842738	15.668	ppbv	99
70) n-Butylbenzene	17.883	91	5783548	16.116	ppbv	100
71) 2-Chlorotoluene	14.796	91	4314746	15.882	ppbv	99
72) 4-Ethyltoluene	15.191	105	4587719	16.037	ppbv	97
73) 1,3,5-Trimethylbenzene	15.349	105	4151700	15.589	ppbv	96
74) 1,2,4-Trimethylbenzene	16.105	105	4448625	15.207	ppbv	98
75) 1,3-Dichlorobenzene	16.326	146	2670791	15.244	ppbv	99
76) 1,4-Dichlorobenzene	16.465	146	2601257	15.198	ppbv	99
77) 1,2-Dichlorobenzene	17.137	146	2444520	14.356	ppbv	99
78) Hexachloro-1,3-Butadiene	22.625	225	1629905	13.248	ppbv	99
79) Naphthalene	21.371	128	3296753	19.249	ppbv	99
80) Naphthalene,2-methyl-	24.368	142	1377936	26.941	ppbv	97
81) 1,2,4-Trichlorobenzene	21.133	180	1848430	16.108	ppbv #	100

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

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ClientSampleId :
VSTDICC015

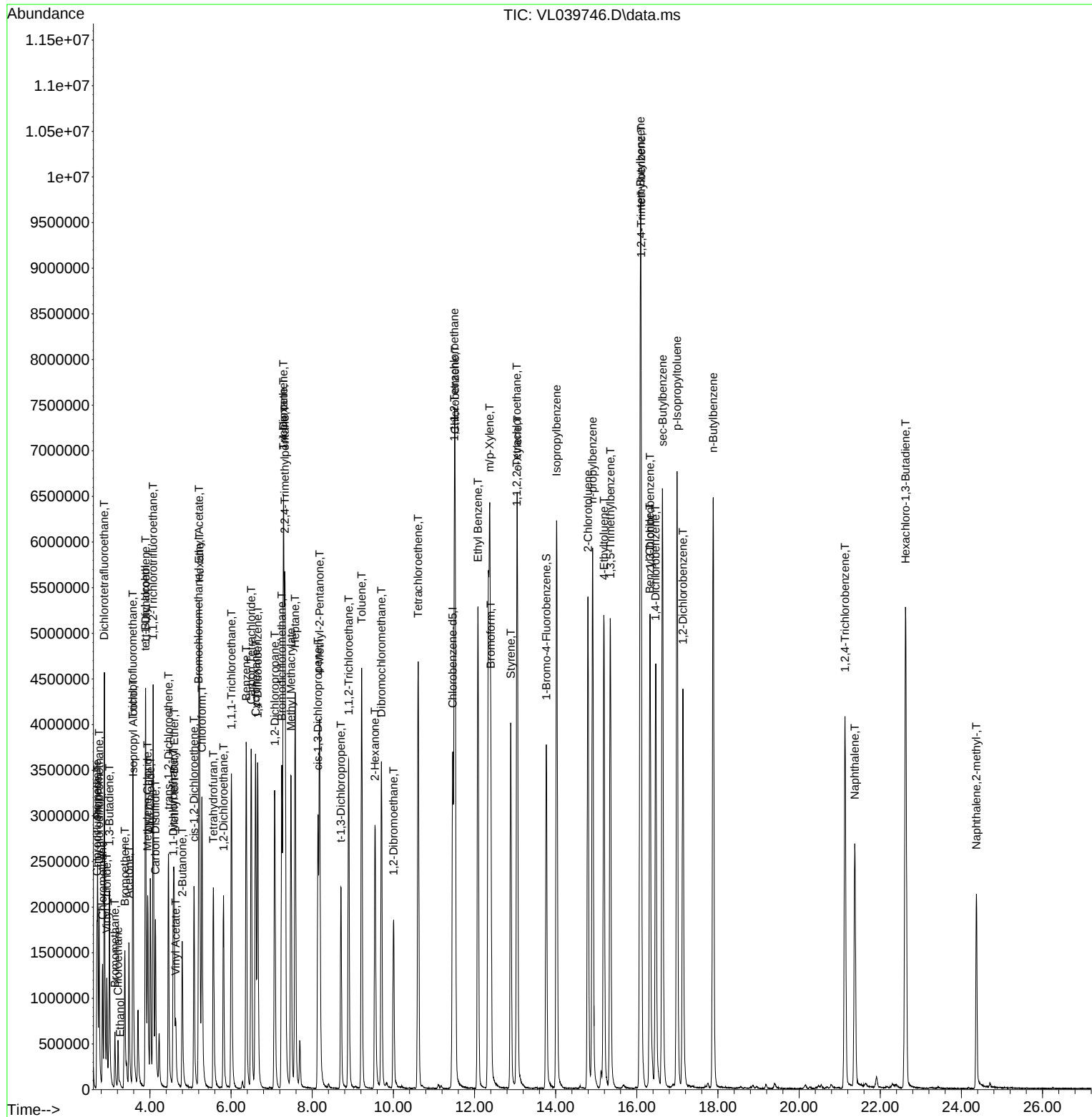
Quant Time: Oct 22 03:05:19 2022

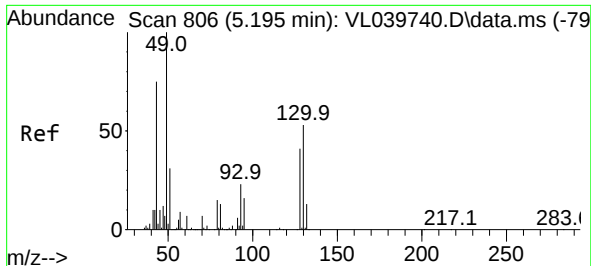
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL102122AIR.M

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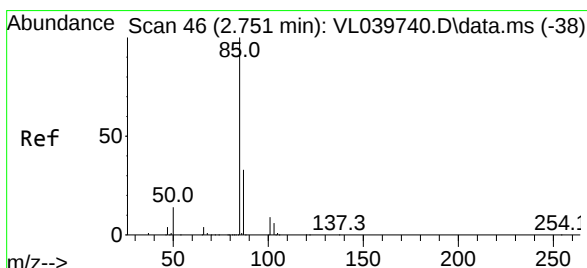
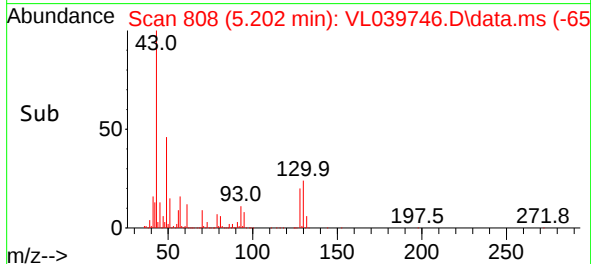
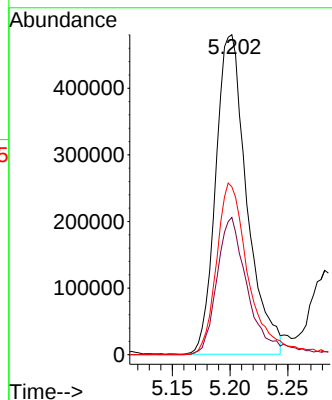
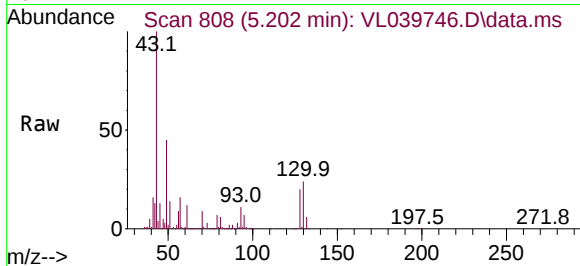




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.202 min Scan# 80
Delta R.T. 0.007 min
Lab File: VL039746.D
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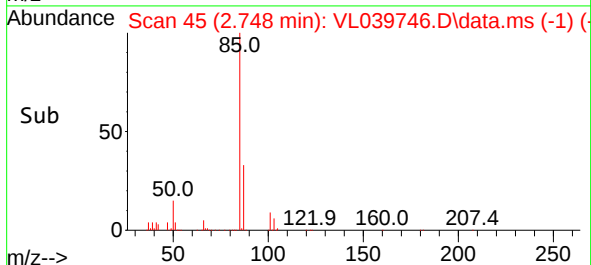
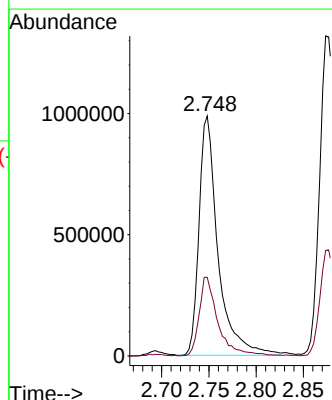
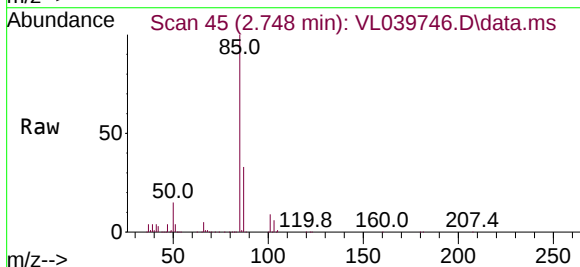
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

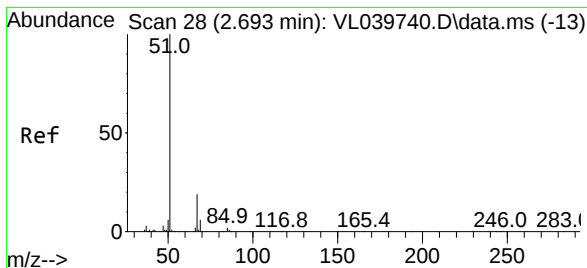
Tgt Ion: 49 Resp: 897653
Ion Ratio Lower Upper
49 100
128 44.6 22.6 67.8
130 57.2 29.0 87.0



#2
Dichlorodifluoromethane
Concen: 9.198 ppbv
RT: 2.748 min Scan# 45
Delta R.T. -0.003 min
Lab File: VL039746.D
Acq: 21 Oct 2022 15:04

Tgt Ion: 85 Resp: 1382631
Ion Ratio Lower Upper
85 100
87 32.8 26.6 40.0

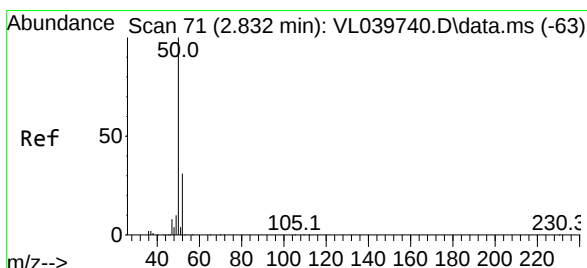
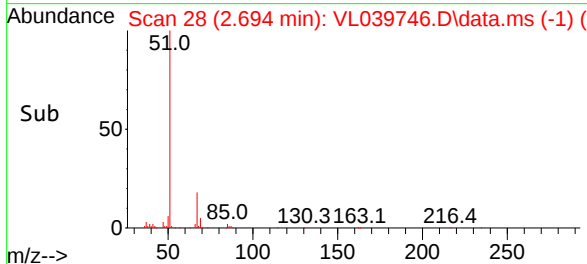
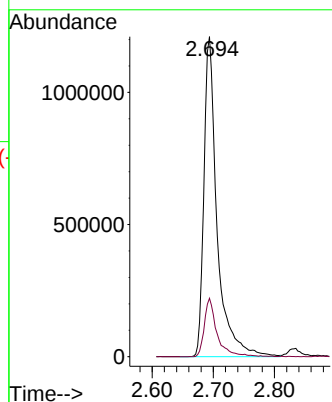
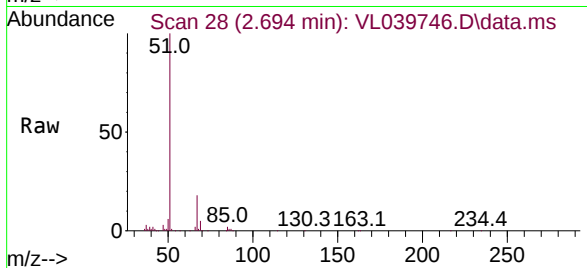




#3
Chlorodifluoromethane
Concen: 15.854 ppbv
RT: 2.694 min Scan# 21
Delta R.T. 0.000 min
Lab File: VL039746.D
Acq: 21 Oct 2022 15:04

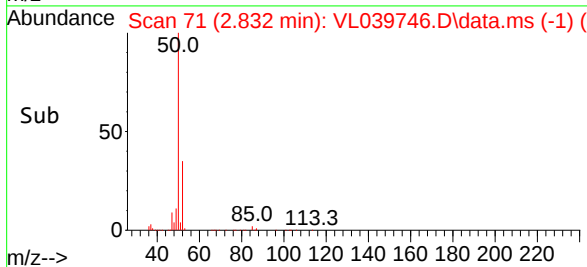
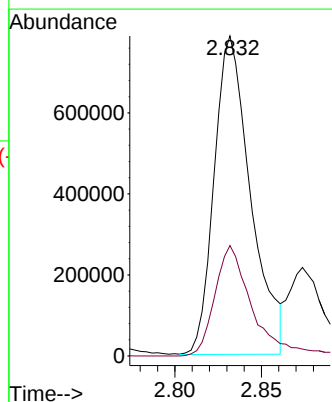
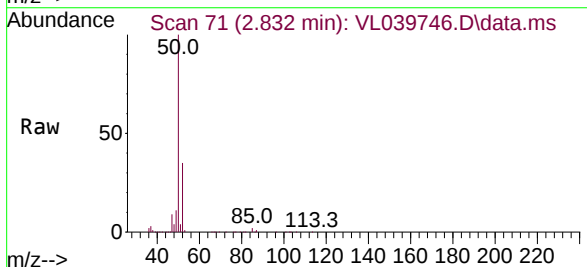
Instrument :
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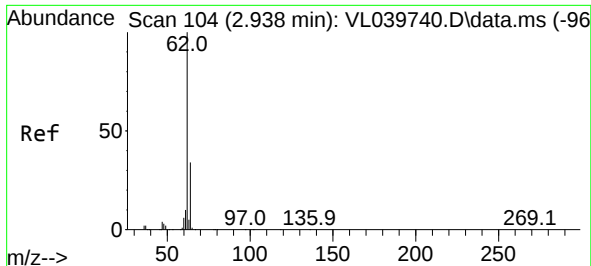
Tgt Ion: 51 Resp: 1813264
Ion Ratio Lower Upper
51 100
67 17.8 14.6 21.8



#4
Chloromethane
Concen: 16.094 ppbv
RT: 2.832 min Scan# 71
Delta R.T. 0.000 min
Lab File: VL039746.D
Acq: 21 Oct 2022 15:04

Tgt Ion: 50 Resp: 1151734
Ion Ratio Lower Upper
50 100
52 34.7 24.8 37.2

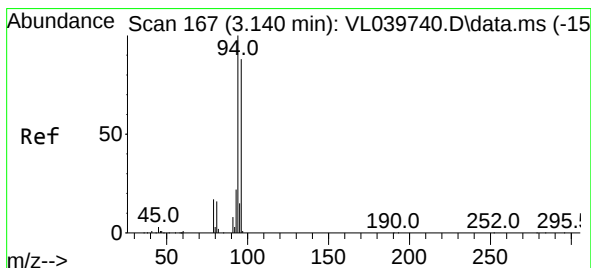
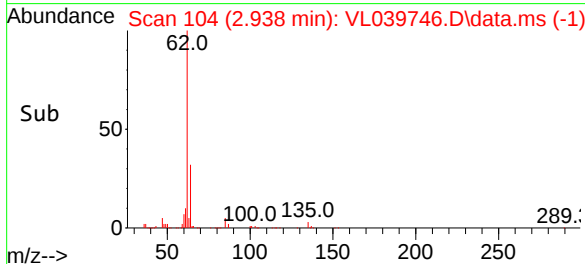
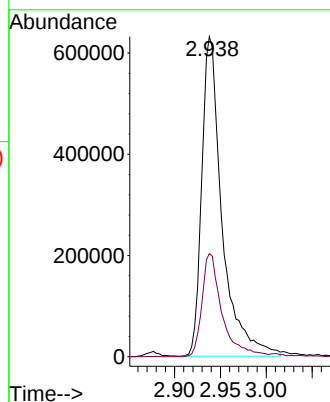
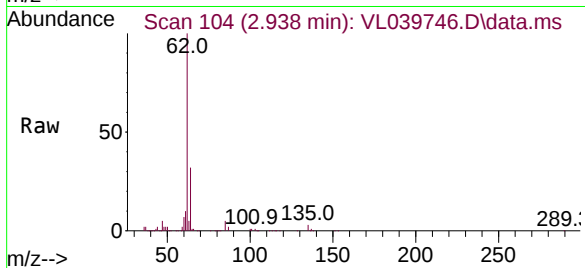




#5
 Vinyl Chloride
 Concen: 17.319 ppbv
 RT: 2.938 min Scan# 104
 Delta R.T. 0.000 min
 Lab File: VL039746.D
 Acq: 21 Oct 2022 15:04

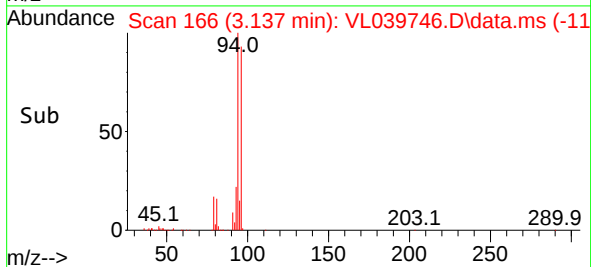
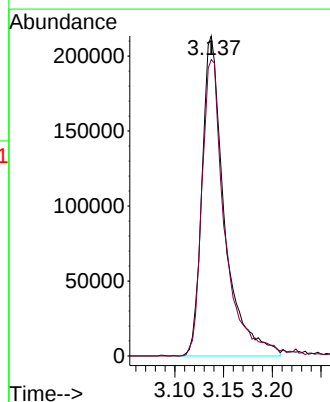
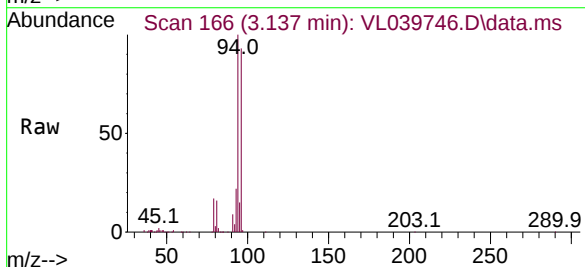
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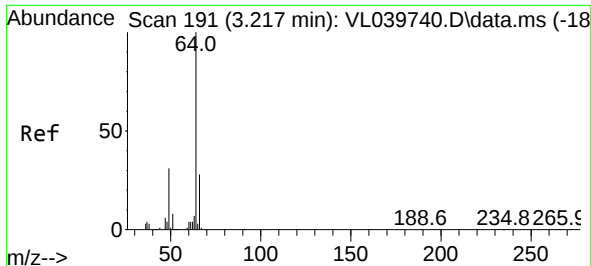
Tgt Ion: 62 Resp: 972961
 Ion Ratio Lower Upper
 62 100
 64 32.2 27.1 40.7



#6
 Bromomethane
 Concen: 16.422 ppbv
 RT: 3.137 min Scan# 166
 Delta R.T. -0.003 min
 Lab File: VL039746.D
 Acq: 21 Oct 2022 15:04

Tgt Ion: 94 Resp: 341647
 Ion Ratio Lower Upper
 94 100
 96 92.6 70.5 105.7

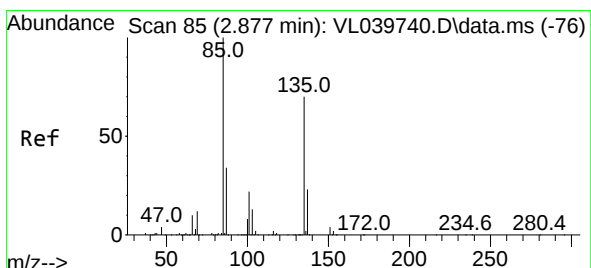
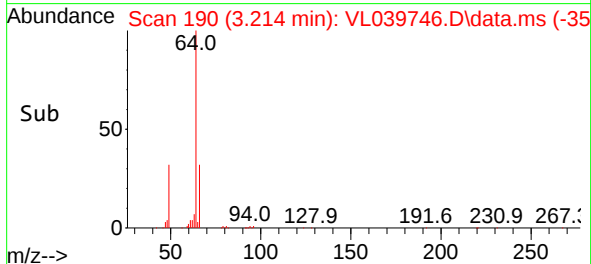
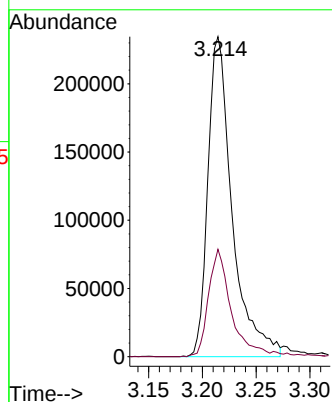
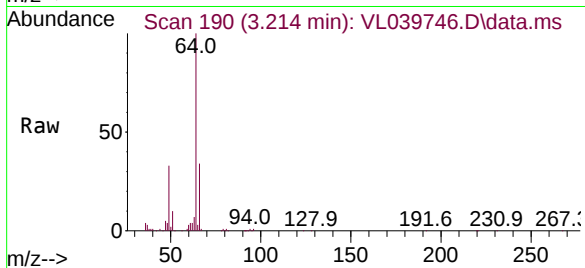




#7
Chloroethane
Concen: 17.680 ppbv
RT: 3.214 min Scan# 191
Delta R.T. -0.003 min
Lab File: VL039746.D
Acq: 21 Oct 2022 15:04

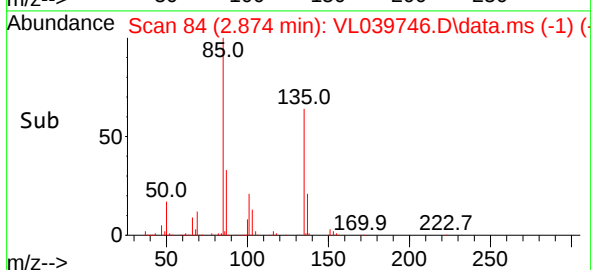
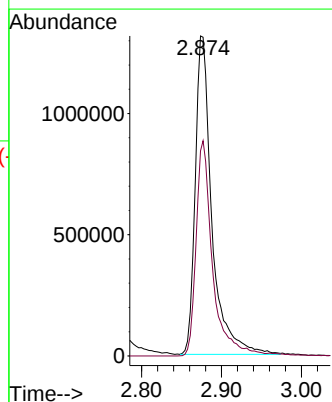
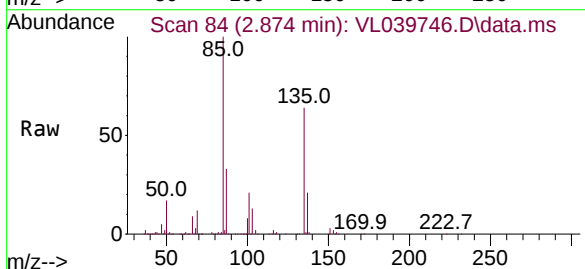
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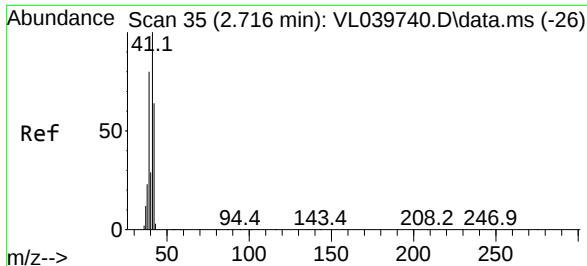
Tgt Ion: 64 Resp: 368105
Ion Ratio Lower Upper
64 100
66 33.6 22.6 34.0



#8
Dichlorotetrafluoroethane
Concen: 13.663 ppbv
RT: 2.874 min Scan# 84
Delta R.T. -0.003 min
Lab File: VL039746.D
Acq: 21 Oct 2022 15:04

Tgt Ion: 85 Resp: 1905404
Ion Ratio Lower Upper
85 100
135 67.9 56.1 84.1





#9

Propene

Concen: 17.268 ppbv

RT: 2.710 min Scan# 31

Delta R.T. -0.006 min

Lab File: VL039746.D

Acq: 21 Oct 2022 15:04

Instrument :

MSVOA_L

ClientSampleId :

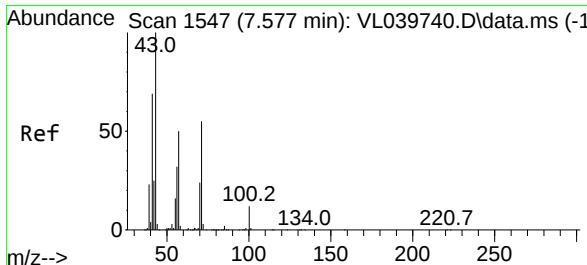
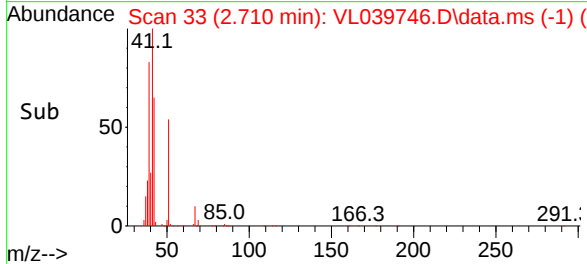
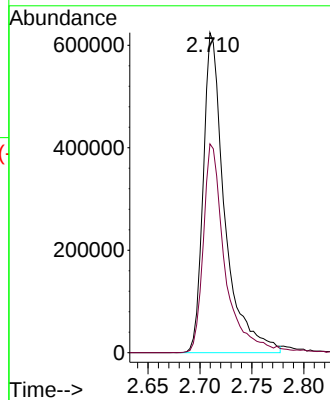
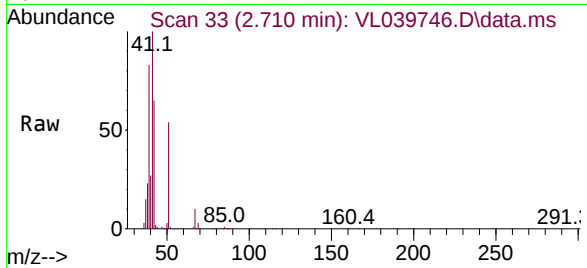
VSTDIC015

Tgt Ion: 41 Resp: 901788

Ion Ratio Lower Upper

41 100

42 66.7 54.4 81.6



#10

Heptane

Concen: 17.828 ppbv

RT: 7.581 min Scan# 1548

Delta R.T. 0.003 min

Lab File: VL039746.D

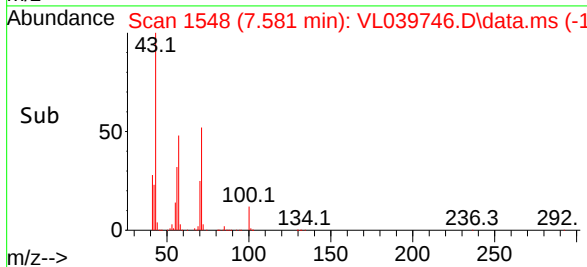
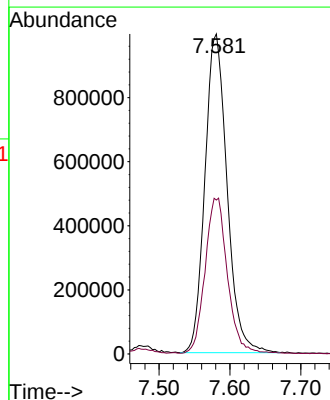
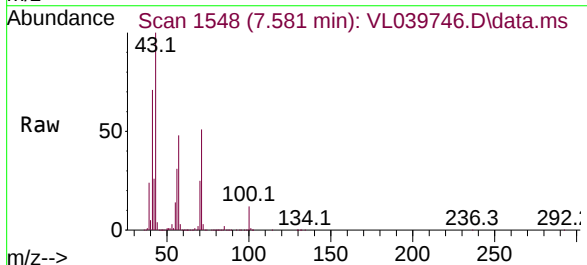
Acq: 21 Oct 2022 15:04

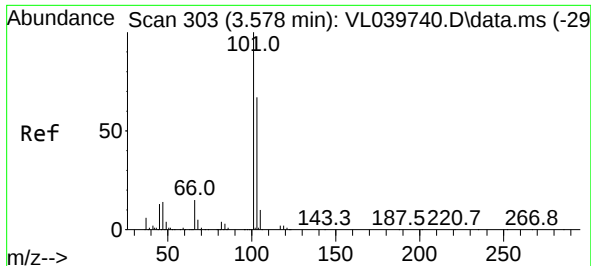
Tgt Ion: 43 Resp: 2160574

Ion Ratio Lower Upper

43 100

57 49.6 40.0 60.0

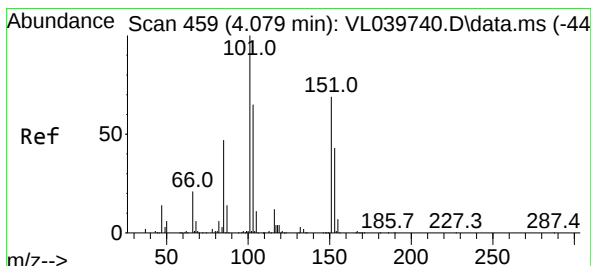
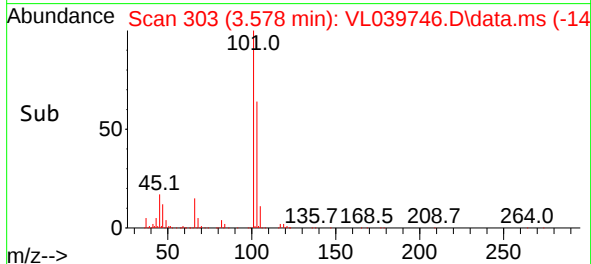
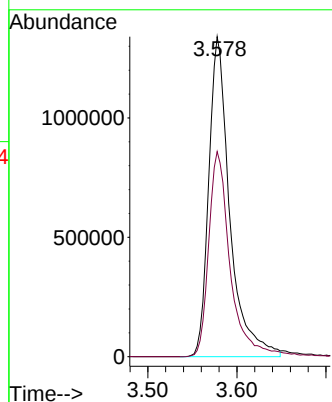
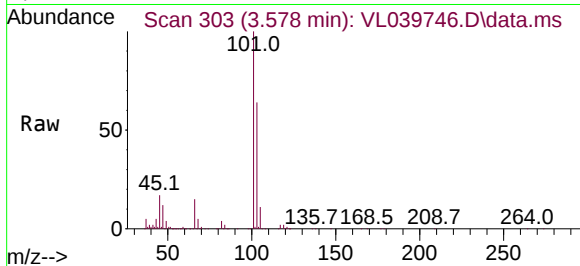




#11
 Trichlorofluoromethane
 Concen: 15.677 ppbv
 RT: 3.578 min Scan# 303
 Delta R.T. 0.000 min
 Lab File: VL039746.D
 Acq: 21 Oct 2022 15:04

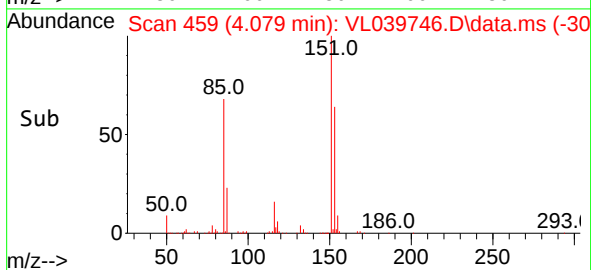
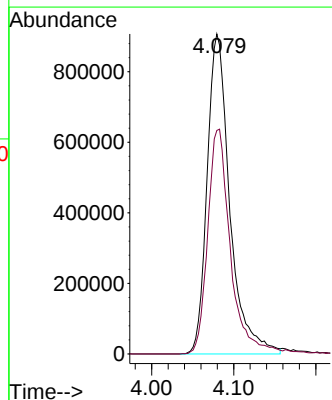
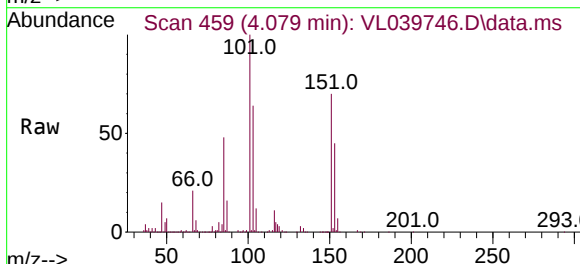
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC015

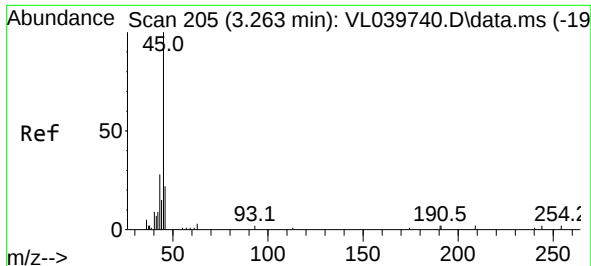
Tgt Ion:101 Resp: 2193604
 Ion Ratio Lower Upper
 101 100
 103 64.1 53.2 79.8



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 15.482 ppbv
 RT: 4.079 min Scan# 459
 Delta R.T. 0.000 min
 Lab File: VL039746.D
 Acq: 21 Oct 2022 15:04

Tgt Ion:101 Resp: 1742657
 Ion Ratio Lower Upper
 101 100
 151 71.3 58.0 87.0

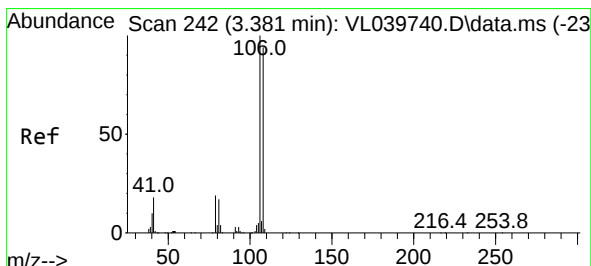
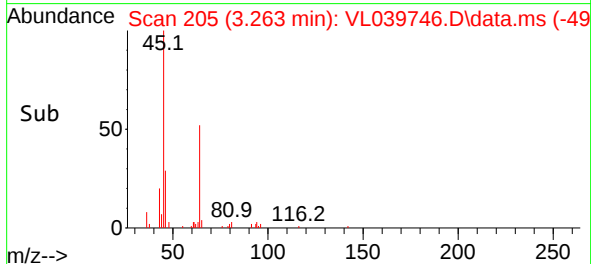
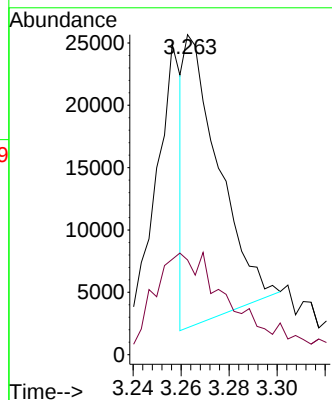
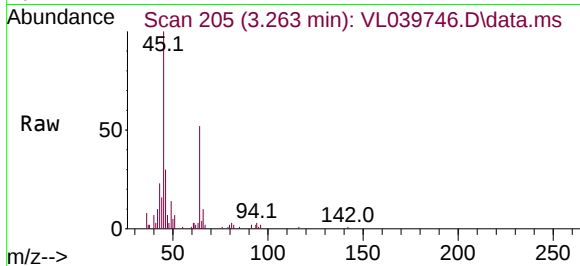




#13
Ethanol
Concen: 6.529 ppbv
RT: 3.263 min Scan# 205
Delta R.T. 0.000 min
Lab File: VL039746.D
Acq: 21 Oct 2022 15:04

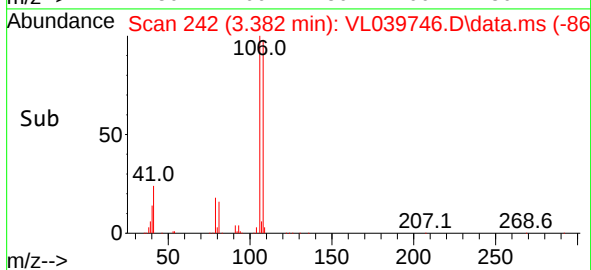
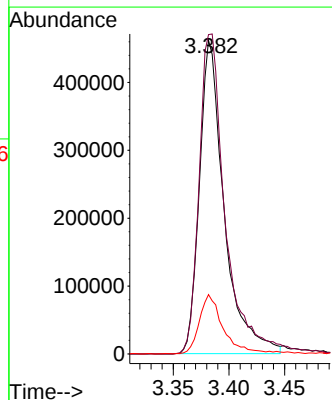
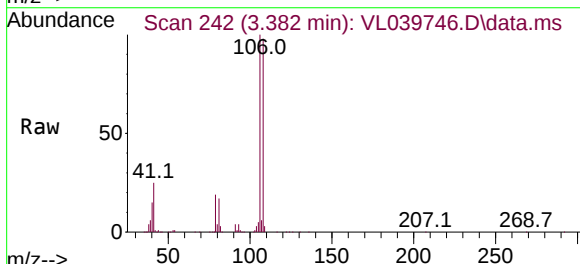
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

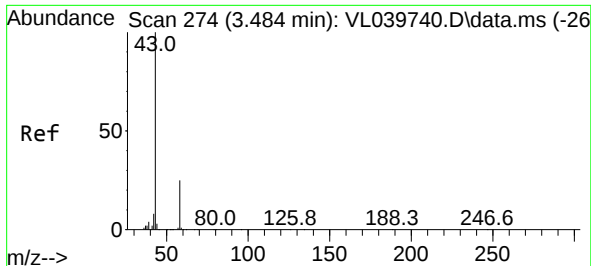
Tgt Ion: 45 Resp: 23230
Ion Ratio Lower Upper
45 100
46 88.5 14.8 59.2#



#14
Bromoethene
Concen: 16.639 ppbv
RT: 3.382 min Scan# 242
Delta R.T. 0.000 min
Lab File: VL039746.D
Acq: 21 Oct 2022 15:04

Tgt Ion:108 Resp: 713439
Ion Ratio Lower Upper
108 100
106 109.7 90.2 135.4
79 19.4 16.2 24.2

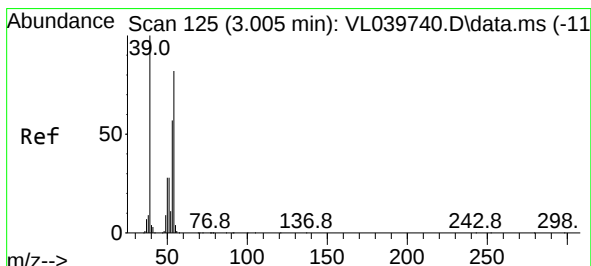
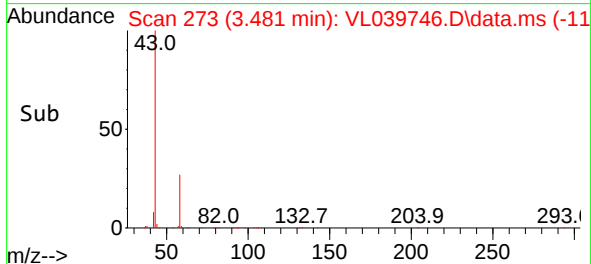
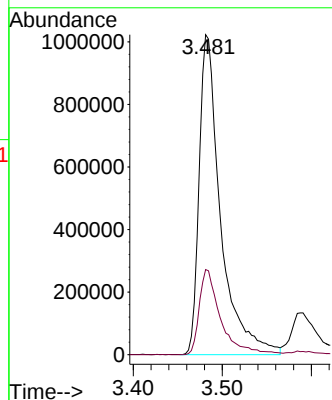
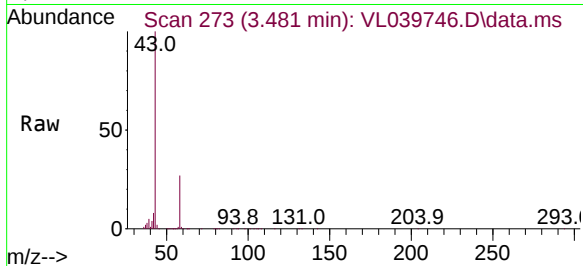




#15
Acetone
Concen: 15.791 ppbv
RT: 3.481 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL039746.D
Acq: 21 Oct 2022 15:04

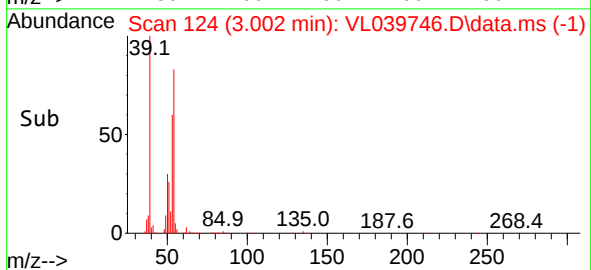
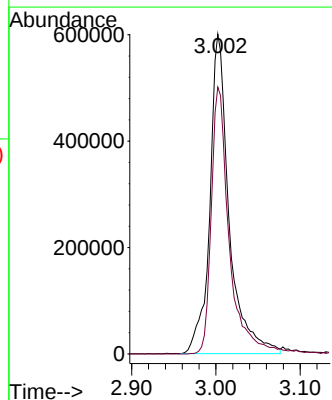
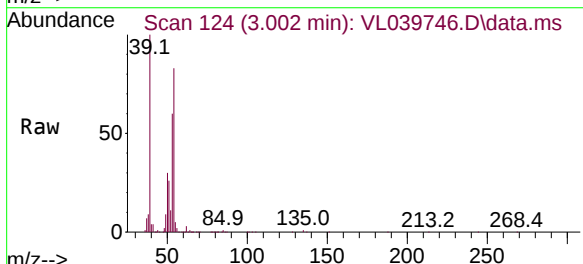
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

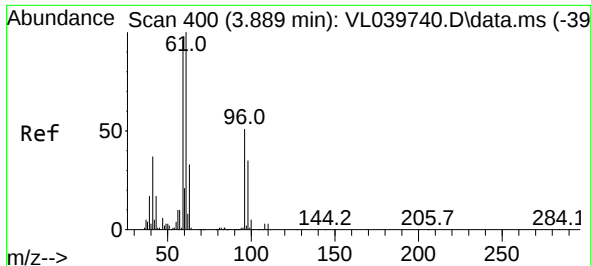
Tgt Ion: 43 Resp: 1711431
Ion Ratio Lower Upper
43 100
58 26.6 20.9 31.3



#16
1,3-Butadiene
Concen: 17.633 ppbv
RT: 3.002 min Scan# 124
Delta R.T. -0.003 min
Lab File: VL039746.D
Acq: 21 Oct 2022 15:04

Tgt Ion: 39 Resp: 959236
Ion Ratio Lower Upper
39 100
54 78.4 65.2 97.8





#17

tert-Butyl alcohol

Concen: 17.907 ppbv

RT: 3.890 min Scan# 400

Delta R.T. 0.000 min

Lab File: VL039746.D

Acq: 21 Oct 2022 15:04

Instrument :

MSVOA_1

ClientSampleId :

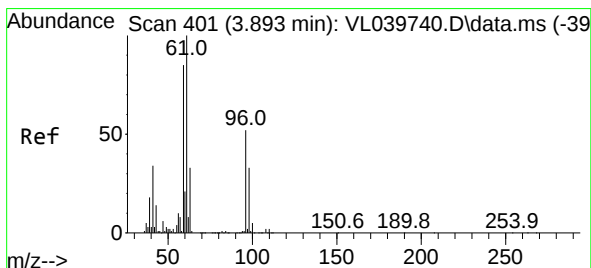
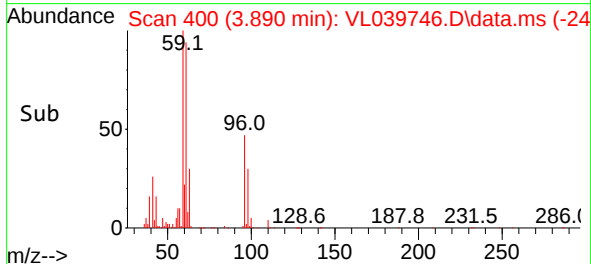
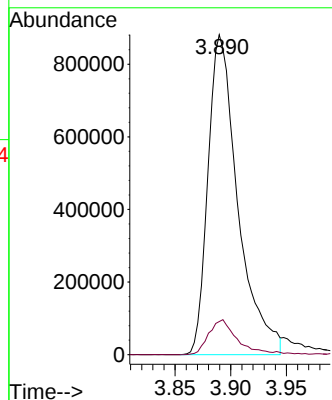
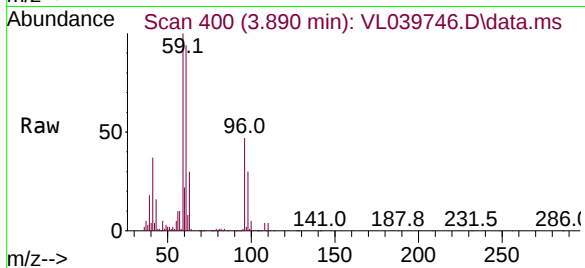
VSTDIC015

Tgt Ion: 59 Resp: 1648962

Ion Ratio Lower Upper

59 100

57 10.8 8.2 12.4



#18

1,1-Dichloroethene

Concen: 15.892 ppbv

RT: 3.893 min Scan# 401

Delta R.T. 0.000 min

Lab File: VL039746.D

Acq: 21 Oct 2022 15:04

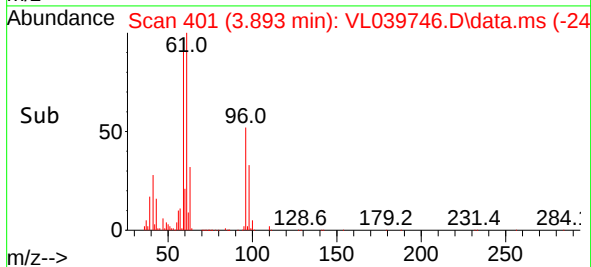
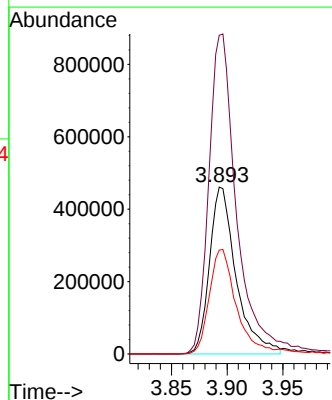
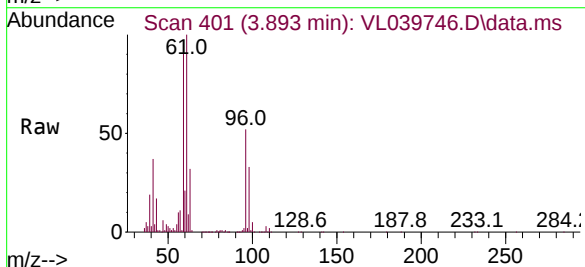
Tgt Ion: 96 Resp: 767593

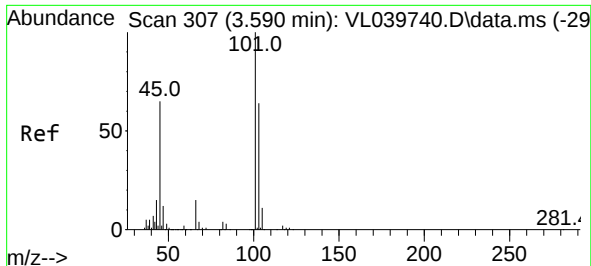
Ion Ratio Lower Upper

96 100

61 191.0 152.7 229.1

98 62.1 50.2 75.2





#19

Isopropyl Alcohol

Concen: 18.380 ppbv

RT: 3.587 min Scan# 306

Delta R.T. -0.003 min

Lab File: VL039746.D

Acq: 21 Oct 2022 15:04

Instrument :

MSVOA_L

ClientSampleId :

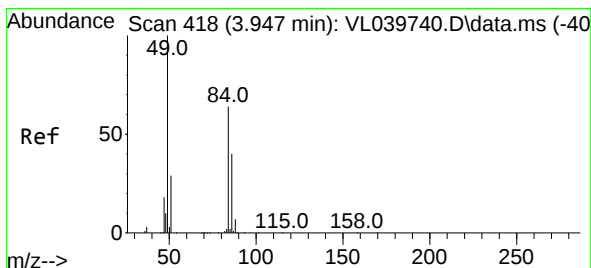
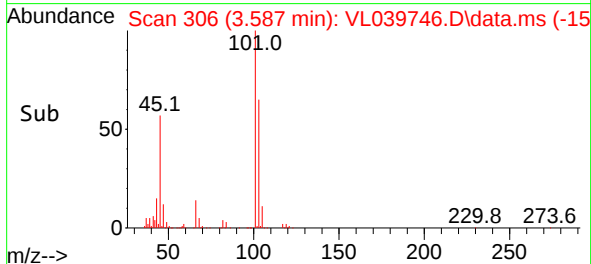
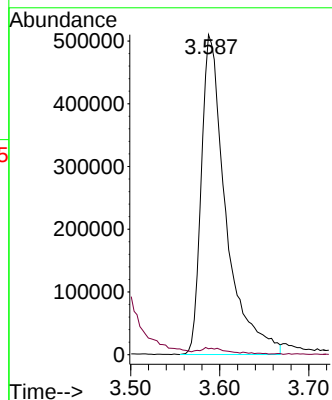
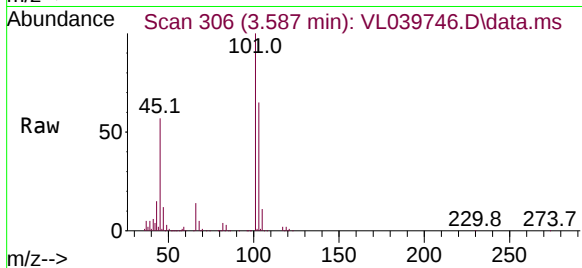
VSTDIC015

Tgt Ion: 45 Resp: 972856

Ion Ratio Lower Upper

45 100

58 3.0 3.3 4.9#



#20

Methylene Chloride

Concen: 15.084 ppbv

RT: 3.944 min Scan# 417

Delta R.T. -0.003 min

Lab File: VL039746.D

Acq: 21 Oct 2022 15:04

Tgt Ion: 84 Resp: 657278

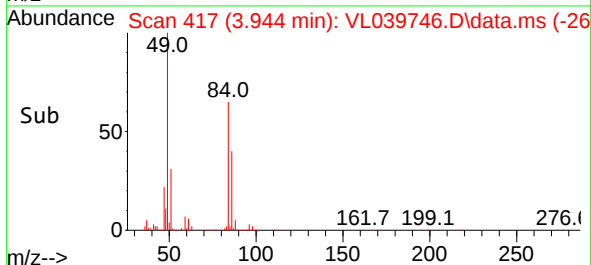
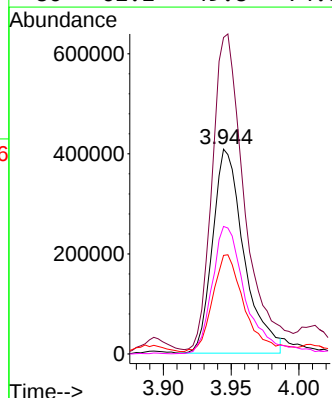
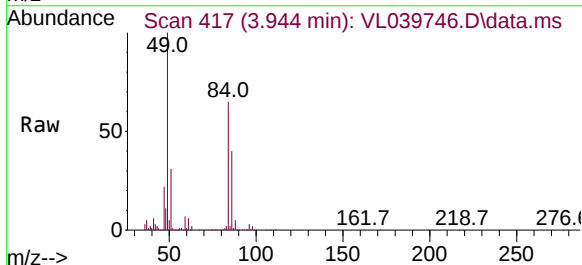
Ion Ratio Lower Upper

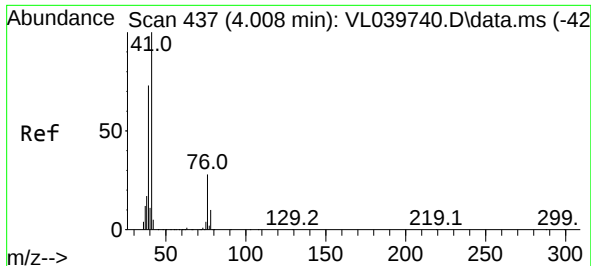
84 100

49 152.8 124.2 186.4

51 47.1 36.6 54.8

86 62.2 49.8 74.8



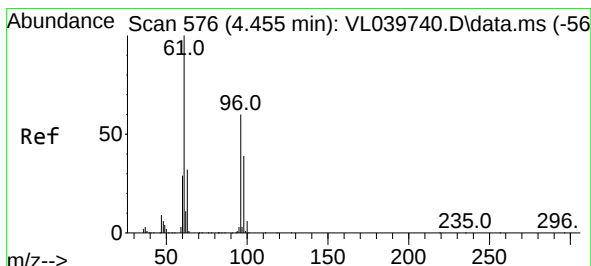
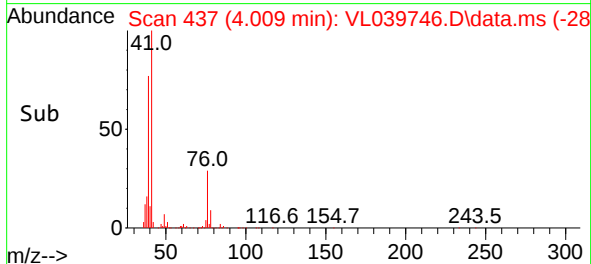
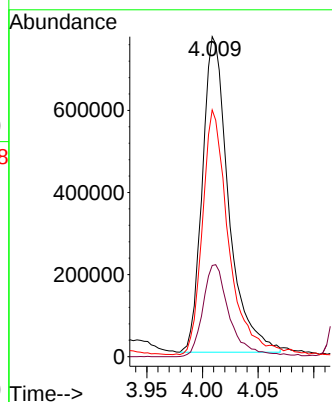
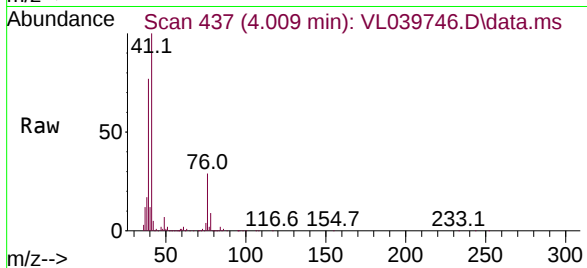


#21
 Allyl Chloride
 Concen: 16.916 ppbv
 RT: 4.009 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VL039746.D
 Acq: 21 Oct 2022 15:04

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC015

Tgt Ion: 41 Resp: 1265437

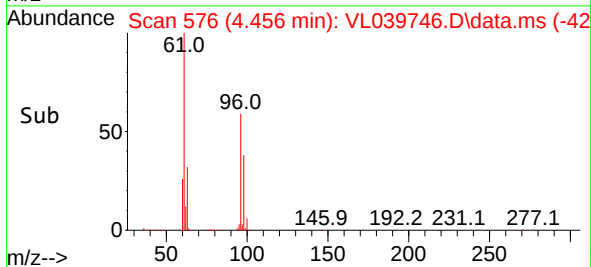
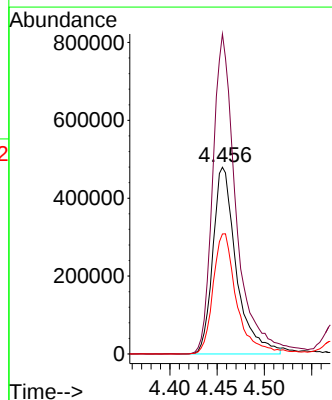
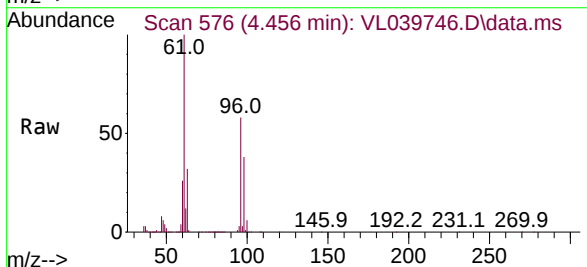
Ion	Ratio	Lower	Upper
41	100		
76	29.7	23.5	35.3
39	78.6	67.4	101.2

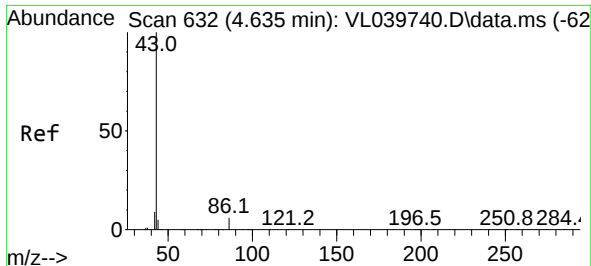


#22
 trans-1,2-Dichloroethene
 Concen: 16.897 ppbv
 RT: 4.456 min Scan# 576
 Delta R.T. 0.000 min
 Lab File: VL039746.D
 Acq: 21 Oct 2022 15:04

Tgt Ion: 96 Resp: 828609

Ion	Ratio	Lower	Upper
96	100		
61	171.4	132.9	199.3
98	64.3	51.6	77.4



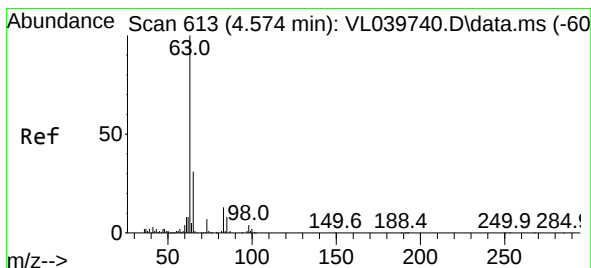
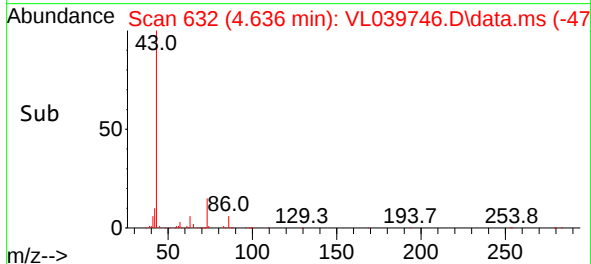
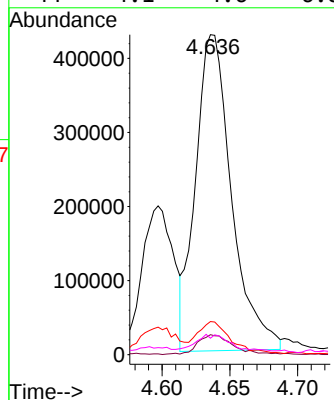
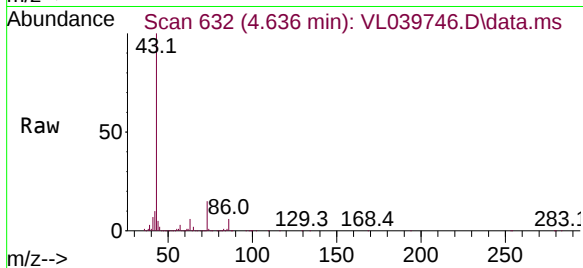


#23
 Vinyl Acetate
 Concen: 17.278 ppbv
 RT: 4.636 min Scan# 613
 Delta R.T. 0.000 min
 Lab File: VL039746.D
 Acq: 21 Oct 2022 15:04

Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDIC015

Tgt Ion: 43 Resp: 790174

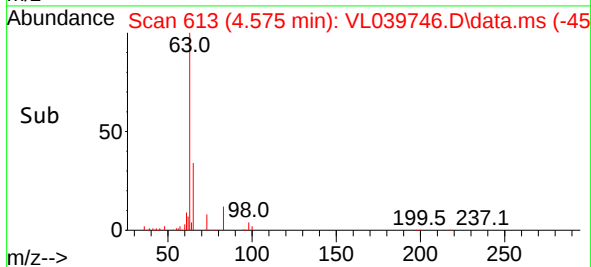
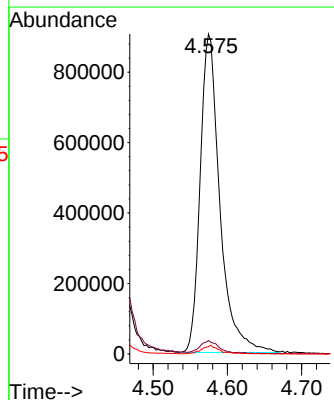
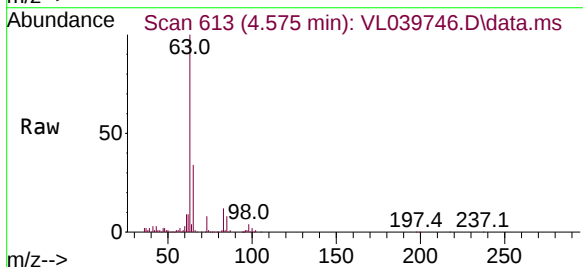
Ion	Ratio	Lower	Upper
43	100		
86	6.3	4.3	6.5
42	10.3	7.9	11.9
44	4.1	4.6	6.8

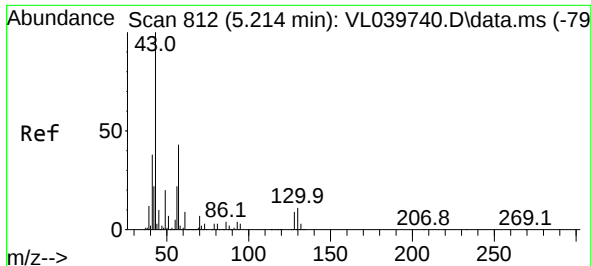


#24
 1,1-Dichloroethane
 Concen: 15.986 ppbv
 RT: 4.575 min Scan# 613
 Delta R.T. 0.000 min
 Lab File: VL039746.D
 Acq: 21 Oct 2022 15:04

Tgt Ion: 63 Resp: 1666782

Ion	Ratio	Lower	Upper
63	100		
98	4.1	2.1	6.5
100	2.2	1.2	3.6





#25

Ethyl Acetate

Concen: 15.919 ppbv

RT: 5.211 min Scan# 811

Delta R.T. -0.003 min

Lab File: VL039746.D

Acq: 21 Oct 2022 15:04

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC015

Tgt Ion: 43 Resp: 3456811

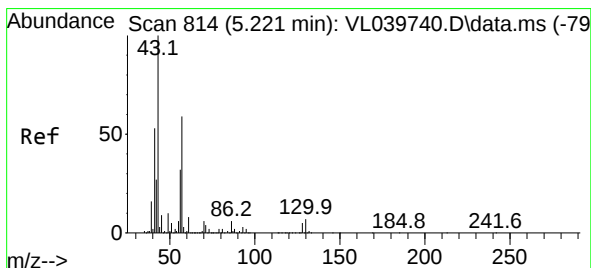
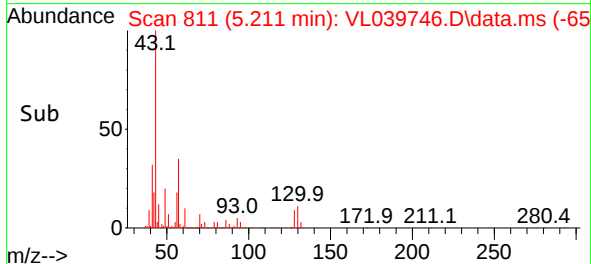
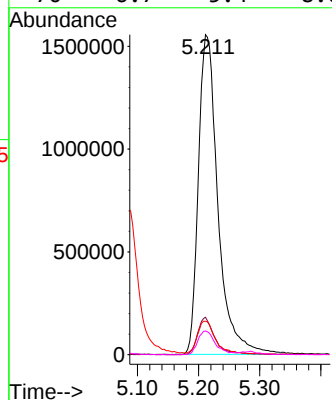
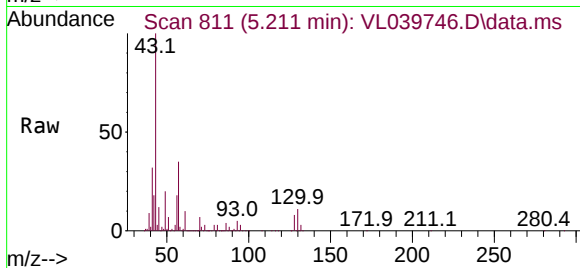
Ion Ratio Lower Upper

43 100

45 10.5 8.1 12.1

61 10.3 7.5 11.3

70 6.7 5.4 8.0



#26

Hexane

Concen: 16.181 ppbv

RT: 5.221 min Scan# 814

Delta R.T. 0.000 min

Lab File: VL039746.D

Acq: 21 Oct 2022 15:04

Tgt Ion: 57 Resp: 1430990

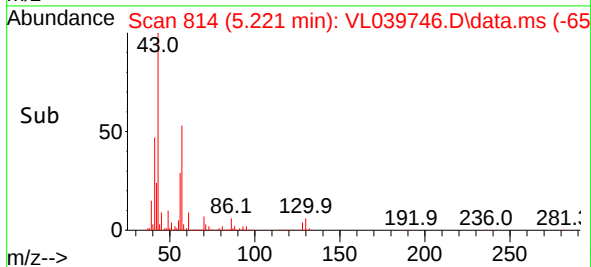
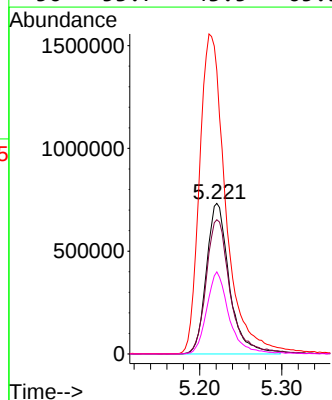
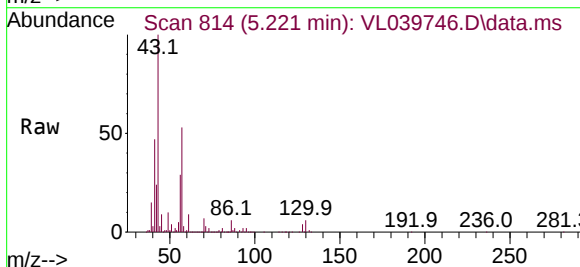
Ion Ratio Lower Upper

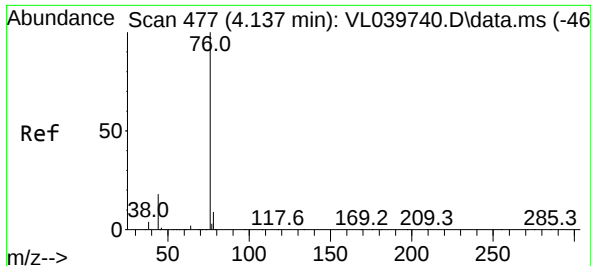
57 100

41 94.5 76.8 115.2

43 243.6 201.0 301.4

56 53.7 43.5 65.3



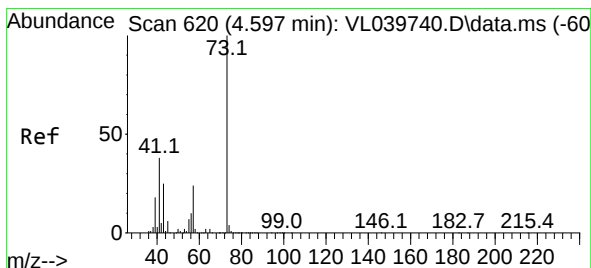
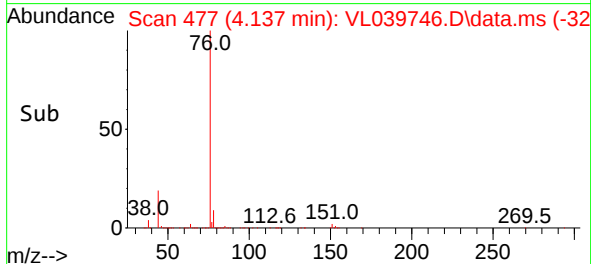
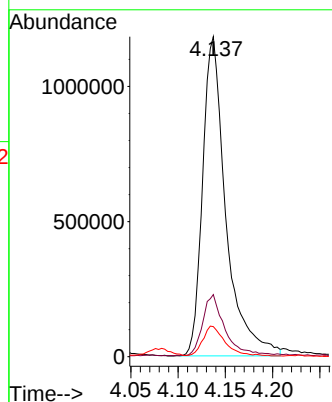
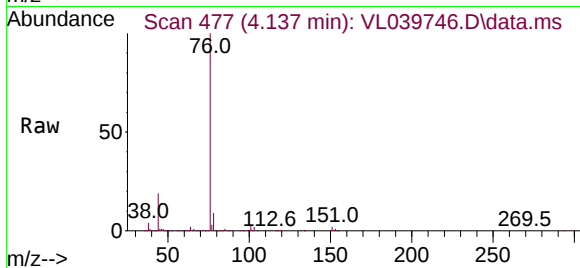


#27
Carbon Disulfide
Concen: 18.304 ppbv
RT: 4.137 min Scan# 41
Delta R.T. 0.000 min
Lab File: VL039746.D
Acq: 21 Oct 2022 15:04

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

Tgt Ion: 76 Resp: 2026986

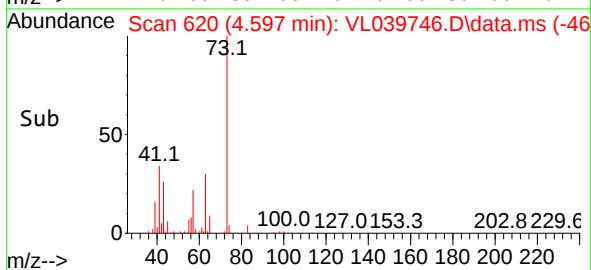
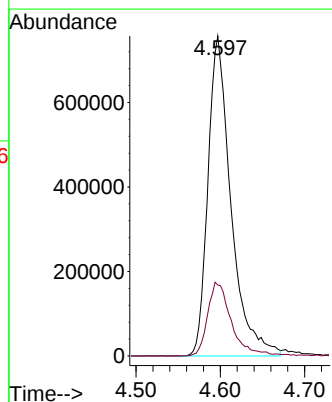
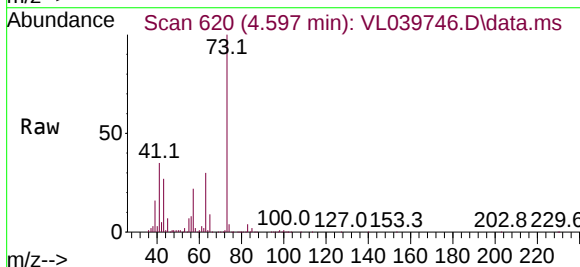
Ion	Ratio	Lower	Upper
76	100		
44	18.5	14.5	21.7
78	9.6	8.1	12.1

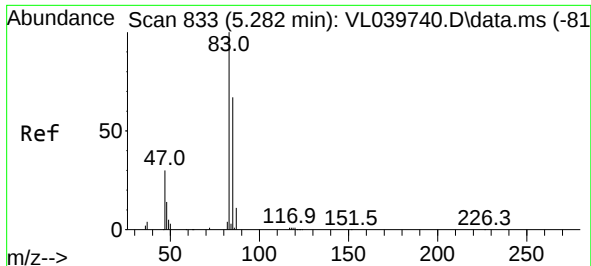


#28
Methyl tert-Butyl Ether
Concen: 17.157 ppbv
RT: 4.597 min Scan# 620
Delta R.T. 0.000 min
Lab File: VL039746.D
Acq: 21 Oct 2022 15:04

Tgt Ion: 73 Resp: 1438846

Ion	Ratio	Lower	Upper
73	100		
57	24.2	19.4	29.2





#29

Chloroform

Concen: 15.707 ppbv

RT: 5.282 min Scan# 81

Delta R.T. 0.000 min

Lab File: VL039746.D

Acq: 21 Oct 2022 15:04

Instrument :

MSVOA_L

ClientSampleId :

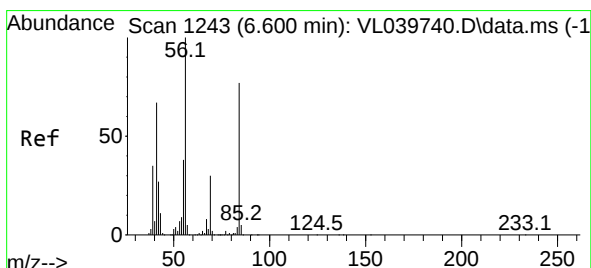
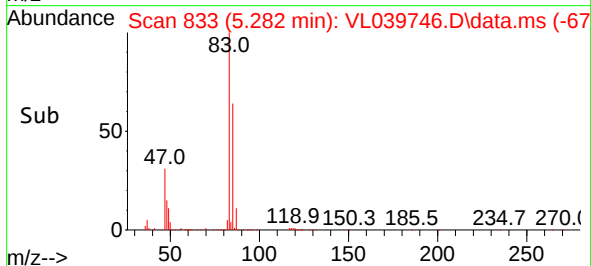
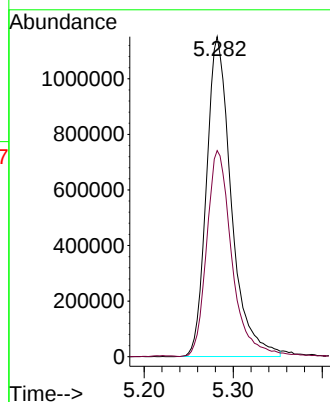
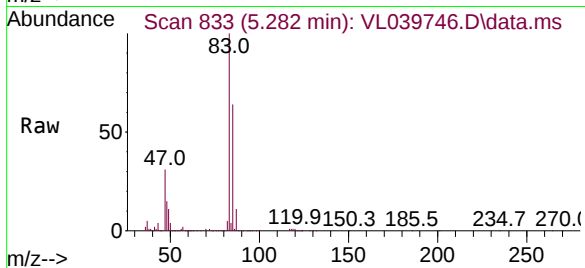
VSTDIC015

Tgt Ion: 83 Resp: 2226679

Ion Ratio Lower Upper

83 100

85 64.4 53.5 80.3



#30

Cyclohexane

Concen: 17.741 ppbv

RT: 6.607 min Scan# 1245

Delta R.T. 0.007 min

Lab File: VL039746.D

Acq: 21 Oct 2022 15:04

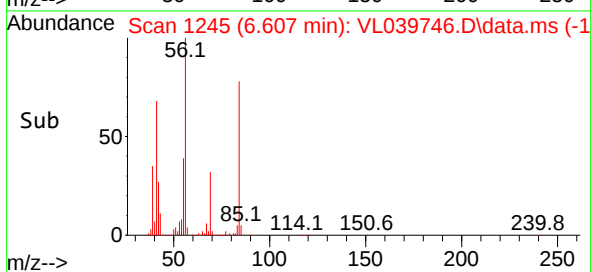
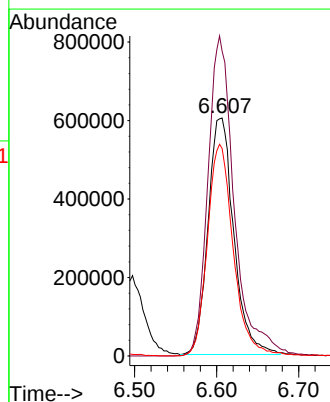
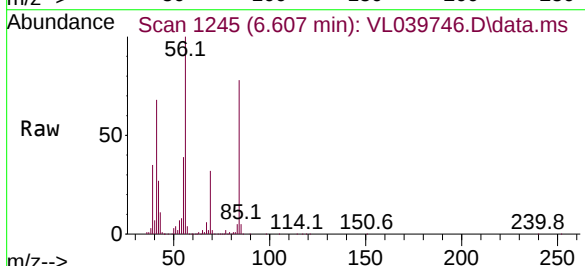
Tgt Ion: 84 Resp: 1318953

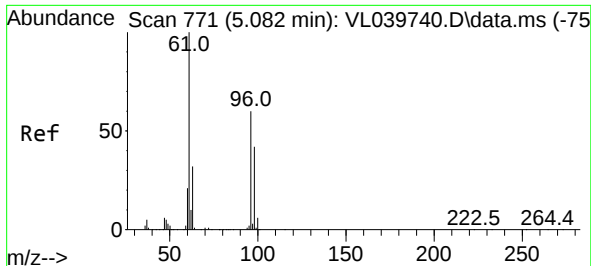
Ion Ratio Lower Upper

84 100

56 139.1 114.2 171.4

41 90.2 74.2 111.2

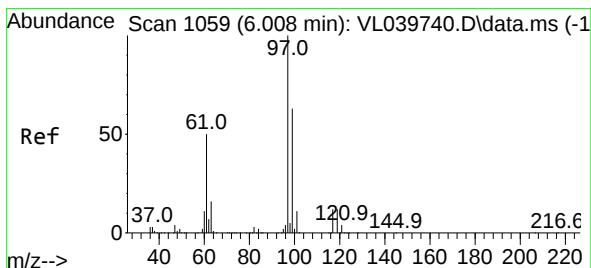
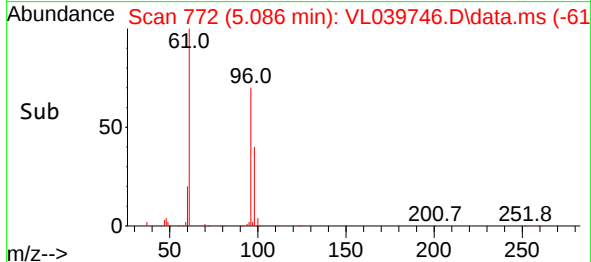
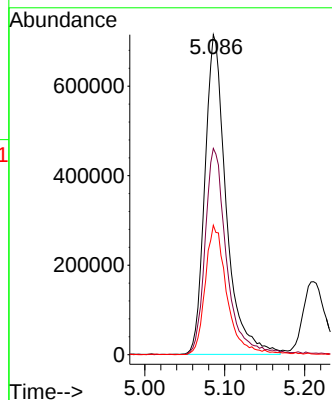
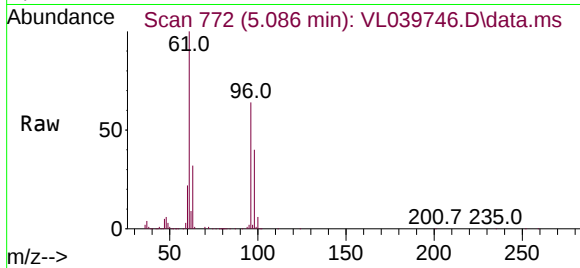




#31
 cis-1,2-Dichloroethene
 Concen: 16.710 ppbv
 RT: 5.086 min Scan# 71
 Delta R.T. 0.003 min
 Lab File: VL039746.D
 Acq: 21 Oct 2022 15:04

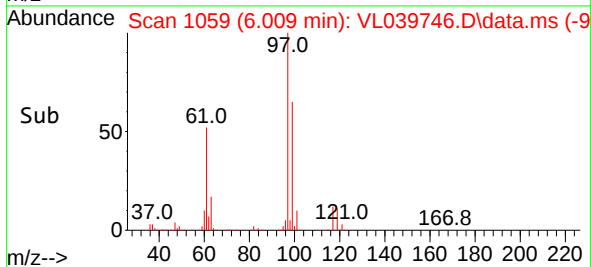
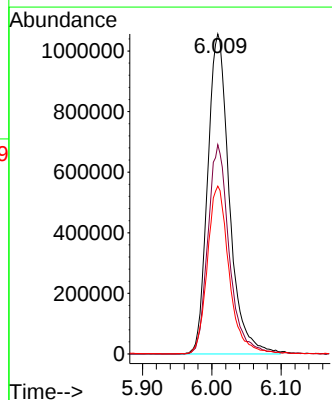
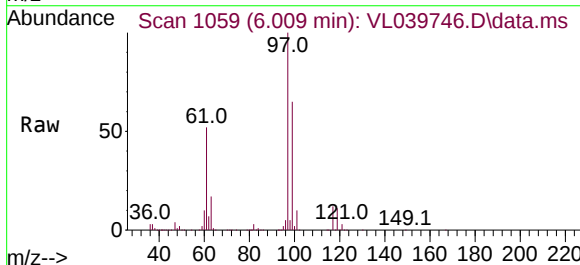
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC015

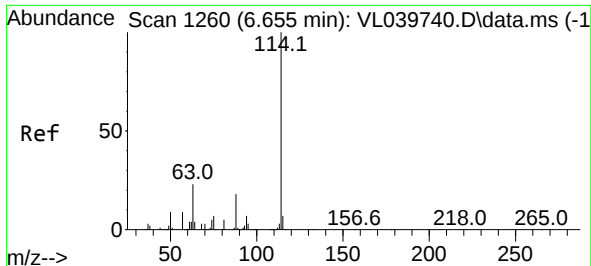
Tgt Ion: 61 Resp: 1325184
 Ion Ratio Lower Upper
 61 100
 96 64.4 48.3 72.5
 98 40.5 33.2 49.8



#32
 1,1,1-Trichloroethane
 Concen: 18.622 ppbv
 RT: 6.009 min Scan# 1059
 Delta R.T. 0.000 min
 Lab File: VL039746.D
 Acq: 21 Oct 2022 15:04

Tgt Ion: 97 Resp: 2289833
 Ion Ratio Lower Upper
 97 100
 99 64.9 53.0 79.4
 61 52.8 43.3 64.9





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.655 min Scan# 1

Delta R.T. 0.000 min

Lab File: VL039746.D

Acq: 21 Oct 2022 15:04

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC015

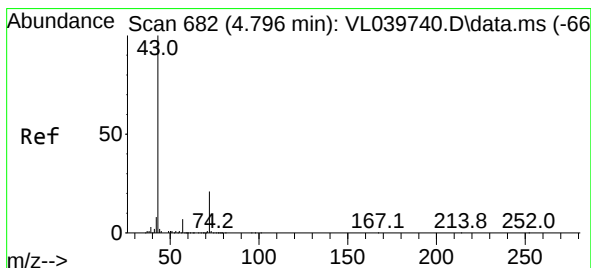
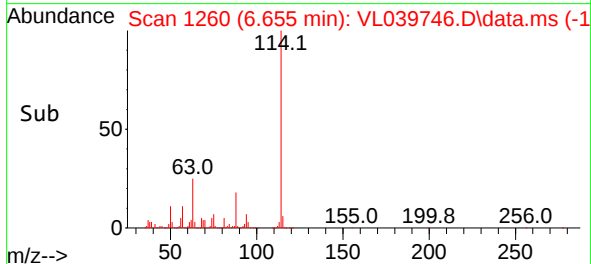
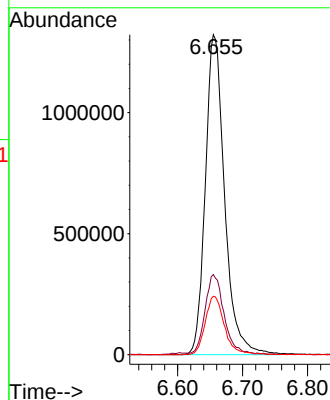
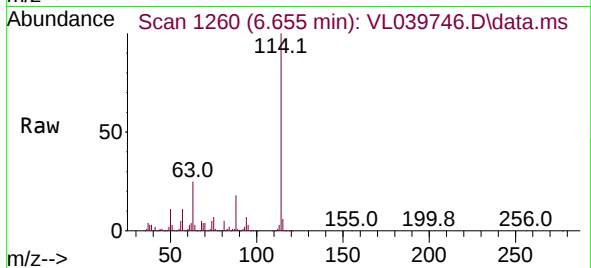
Tgt Ion:114 Resp: 2725356

Ion Ratio Lower Upper

114 100

63 25.7 19.8 29.6

88 18.3 14.2 21.4



#34

2-Butanone

Concen: 15.910 ppbv

RT: 4.796 min Scan# 682

Delta R.T. 0.000 min

Lab File: VL039746.D

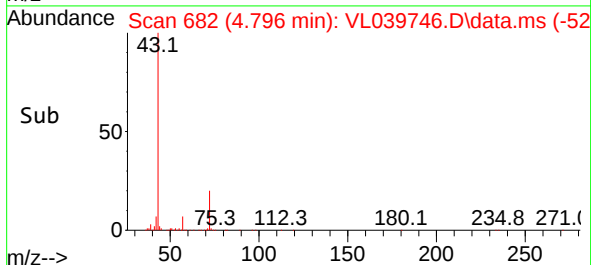
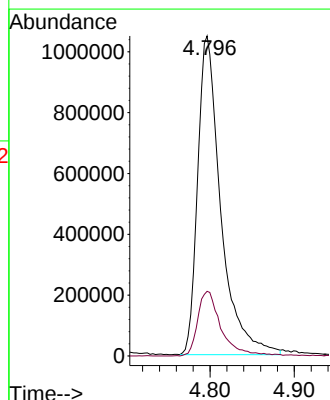
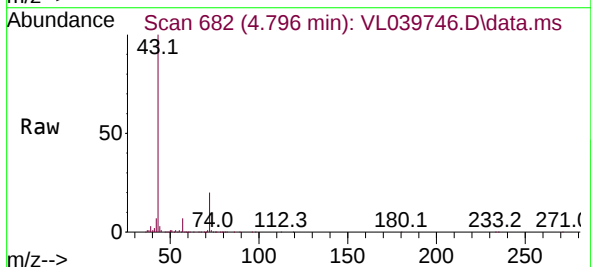
Acq: 21 Oct 2022 15:04

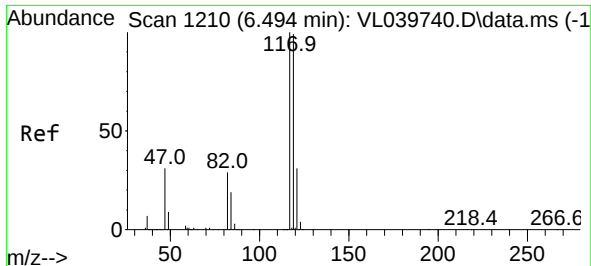
Tgt Ion: 43 Resp: 2000046

Ion Ratio Lower Upper

43 100

72 21.2 17.1 25.7

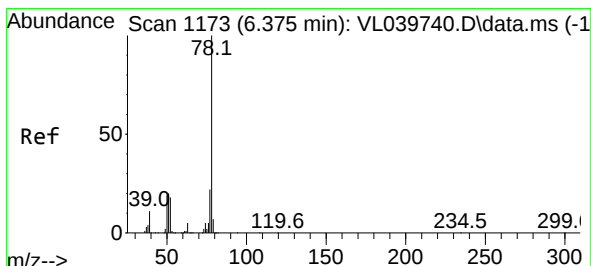
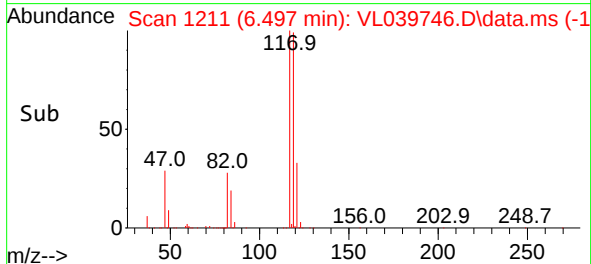
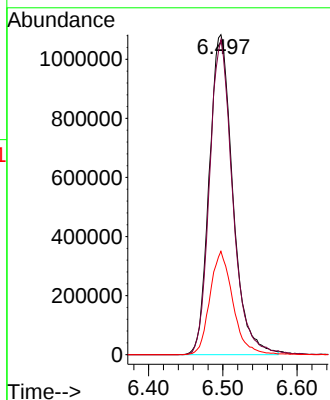
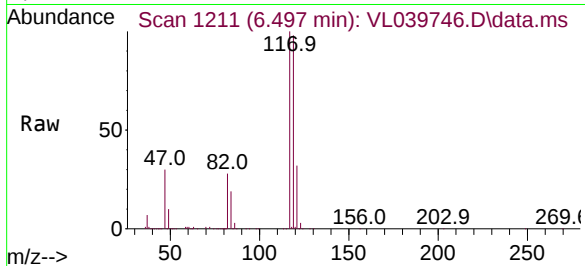




#35
Carbon Tetrachloride
Concen: 16.911 ppbv
RT: 6.497 min Scan# 117
Delta R.T. 0.003 min
Lab File: VL039746.D
Acq: 21 Oct 2022 15:04

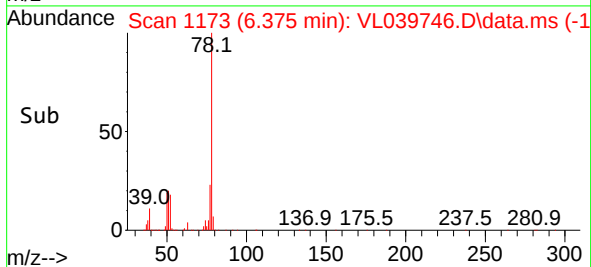
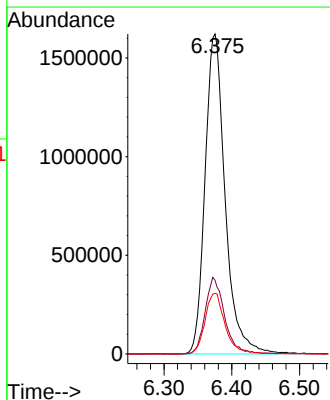
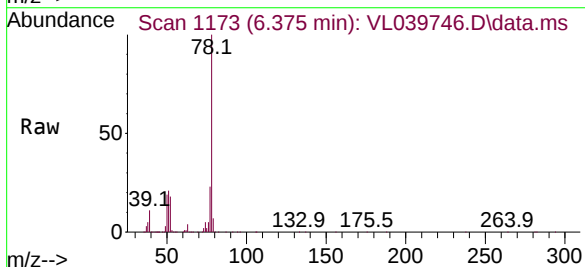
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

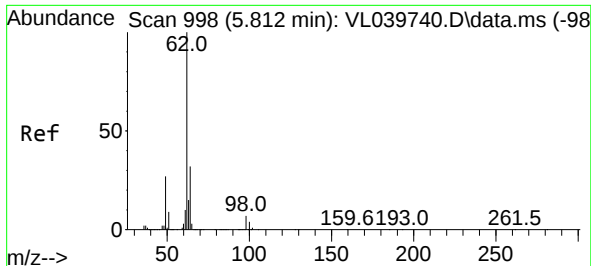
Tgt Ion:117 Resp: 2388555
Ion Ratio Lower Upper
117 100
119 98.4 79.2 118.8
121 32.3 25.0 37.6



#36
Benzene
Concen: 16.214 ppbv
RT: 6.375 min Scan# 1173
Delta R.T. 0.000 min
Lab File: VL039746.D
Acq: 21 Oct 2022 15:04

Tgt Ion: 78 Resp: 3334956
Ion Ratio Lower Upper
78 100
77 23.1 17.3 25.9
50 18.9 14.9 22.3

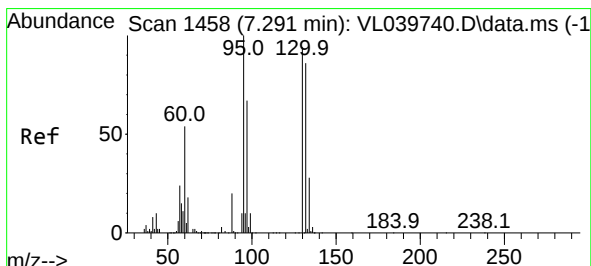
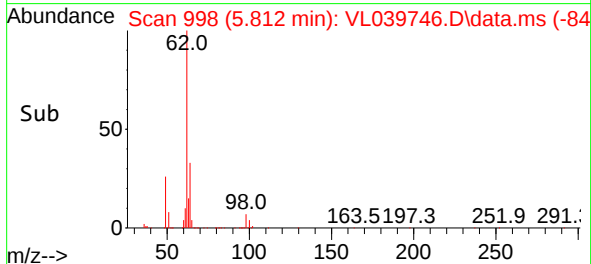
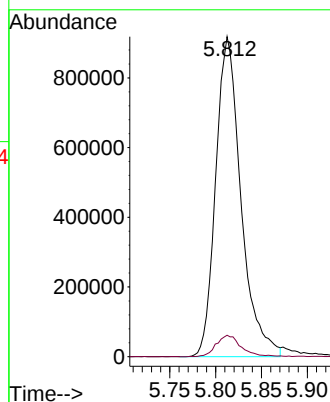
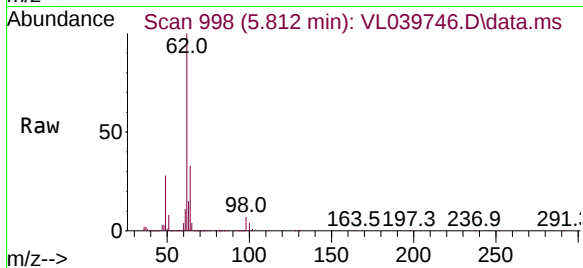




#37
1,2-Dichloroethane
Concen: 15.891 ppbv
RT: 5.812 min Scan# 998
Delta R.T. 0.000 min
Lab File: VL039746.D
Acq: 21 Oct 2022 15:04

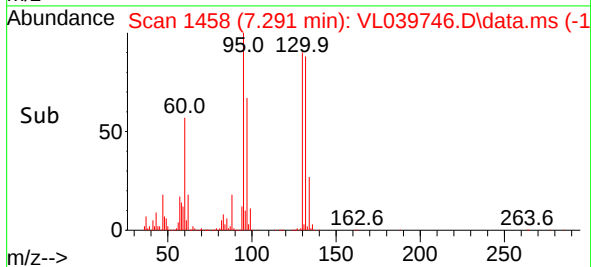
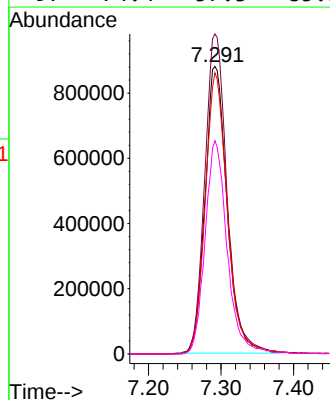
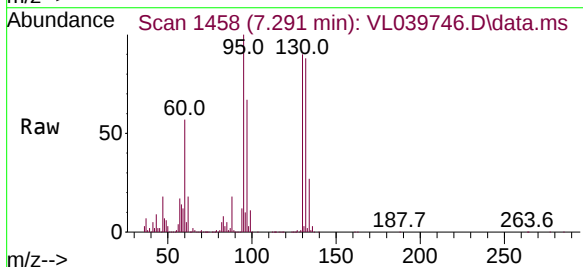
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

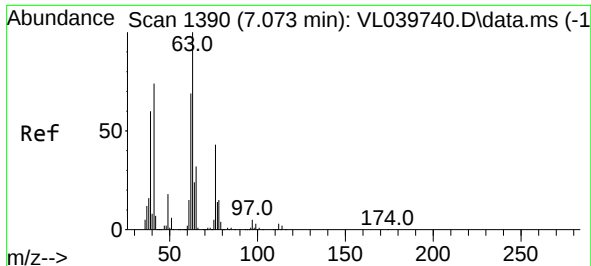
Tgt Ion: 62 Resp: 1760665
Ion Ratio Lower Upper
62 100
98 6.8 5.4 8.0



#38
Trichloroethene
Concen: 16.978 ppbv
RT: 7.291 min Scan# 1458
Delta R.T. 0.000 min
Lab File: VL039746.D
Acq: 21 Oct 2022 15:04

Tgt Ion:130 Resp: 1873005
Ion Ratio Lower Upper
130 100
95 111.5 85.4 128.2
132 98.0 73.0 109.6
97 74.4 57.3 85.9





#39

1,2-Dichloropropane

Concen: 16.125 ppbv

RT: 7.076 min Scan# 1

Delta R.T. 0.003 min

Lab File: VL039746.D

Acq: 21 Oct 2022 15:04

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC015

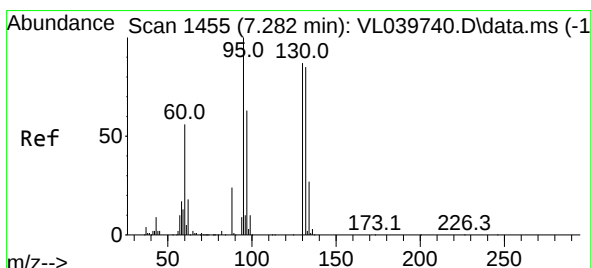
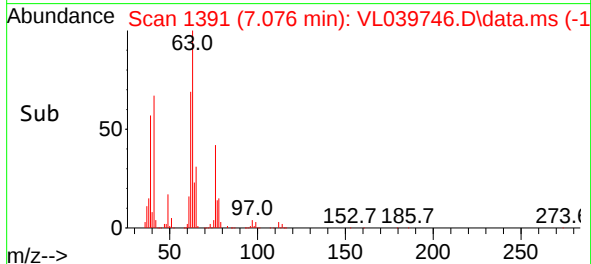
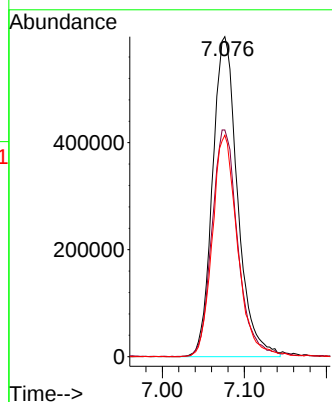
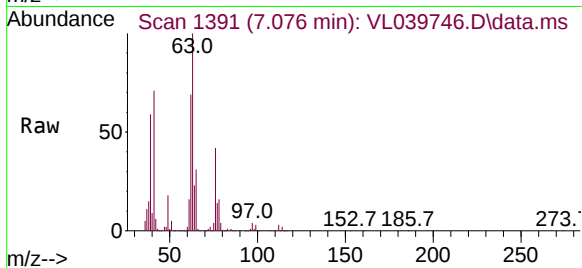
Tgt Ion: 63 Resp: 1272240

Ion Ratio Lower Upper

63 100

41 70.7 59.5 89.3

62 69.2 55.2 82.8



#40

1,4-Dioxane

Concen: 13.037 ppbv

RT: 7.291 min Scan# 1458

Delta R.T. 0.010 min

Lab File: VL039746.D

Acq: 21 Oct 2022 15:04

Tgt Ion: 88 Resp: 394011

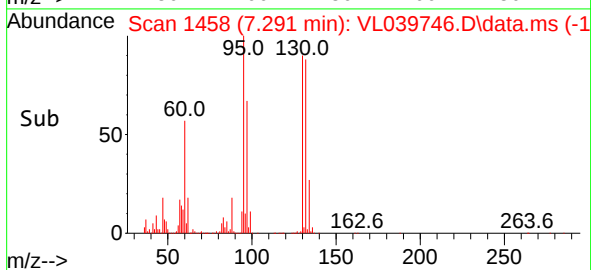
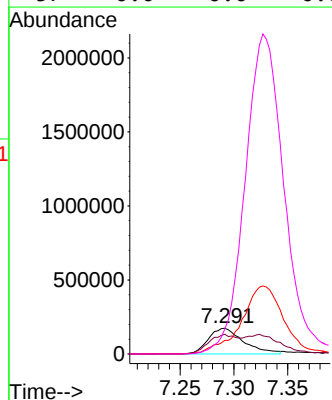
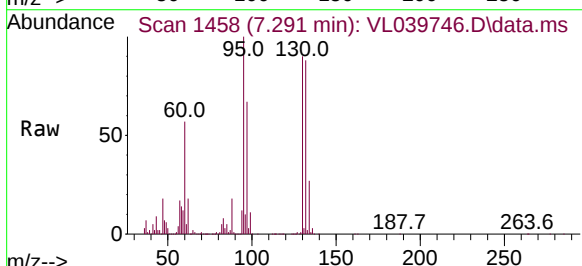
Ion Ratio Lower Upper

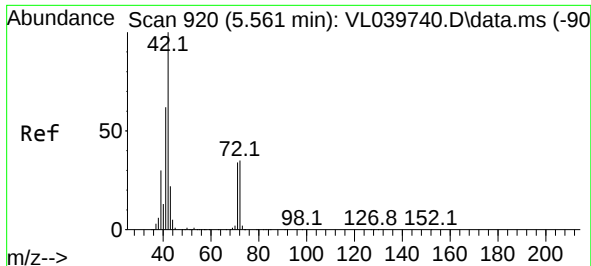
88 100

58 145.2 101.6 152.4

43 0.0 0.0 0.0

57 0.0 0.0 0.0





#41

Tetrahydrofuran

Concen: 17.246 ppbv

RT: 5.562 min Scan# 91

Delta R.T. 0.000 min

Lab File: VL039746.D

Acq: 21 Oct 2022 15:04

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC015

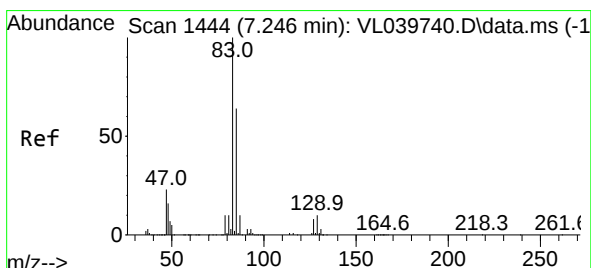
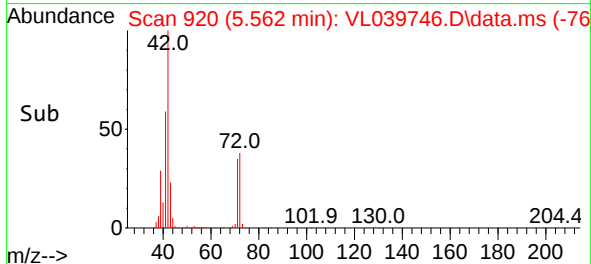
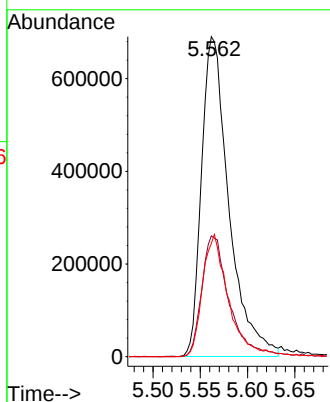
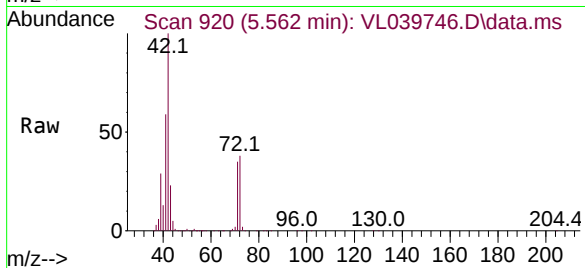
Tgt Ion: 42 Resp: 1390026

Ion Ratio Lower Upper

42 100

72 38.5 30.0 45.0

71 37.0 29.3 43.9



#42

Bromodichloromethane

Concen: 16.875 ppbv

RT: 7.250 min Scan# 1445

Delta R.T. 0.003 min

Lab File: VL039746.D

Acq: 21 Oct 2022 15:04

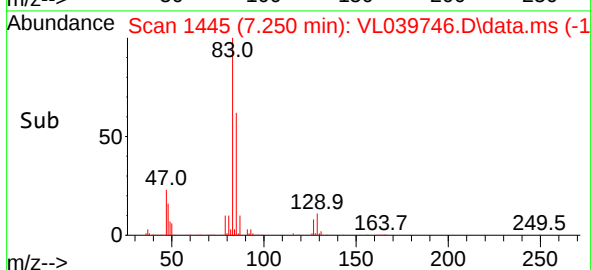
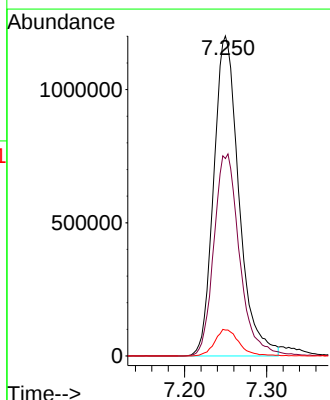
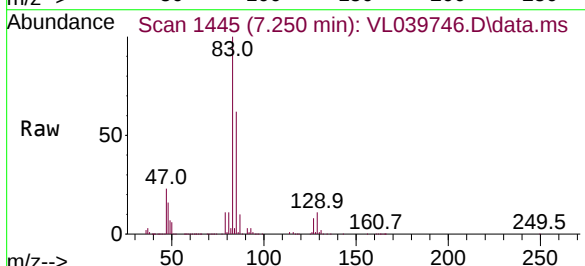
Tgt Ion: 83 Resp: 2567689

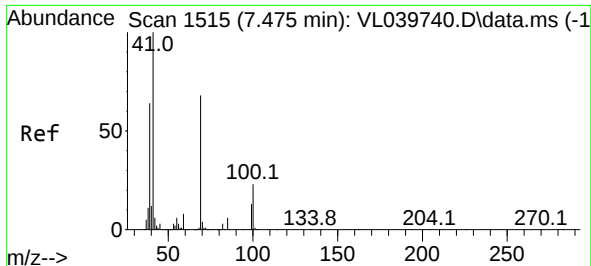
Ion Ratio Lower Upper

83 100

85 61.7 51.0 76.6

127 8.1 6.5 9.7



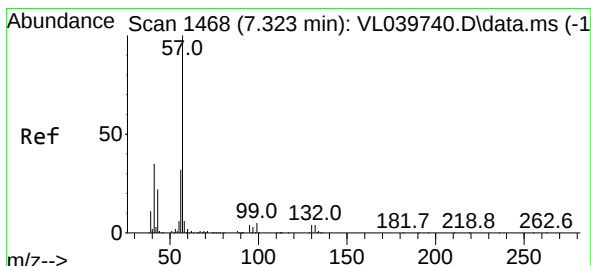
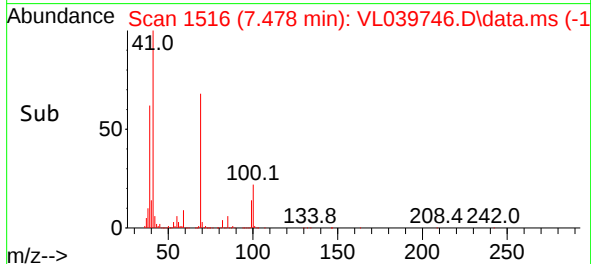
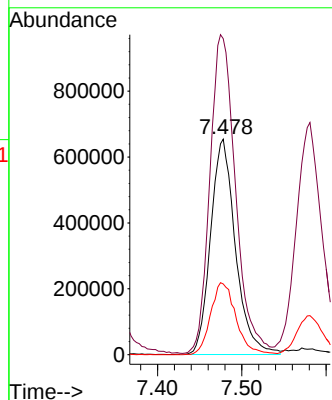
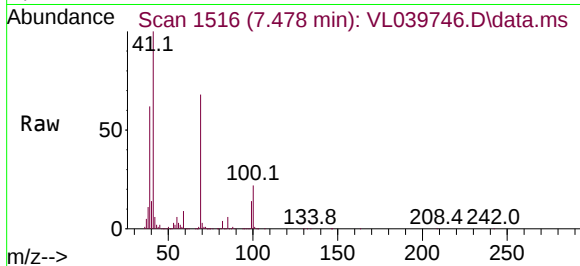


#43
Methyl Methacrylate
Concen: 18.146 ppbv
RT: 7.478 min Scan# 1515
Delta R.T. 0.003 min
Lab File: VL039746.D
Acq: 21 Oct 2022 15:04

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

Tgt Ion: 69 Resp: 1342649

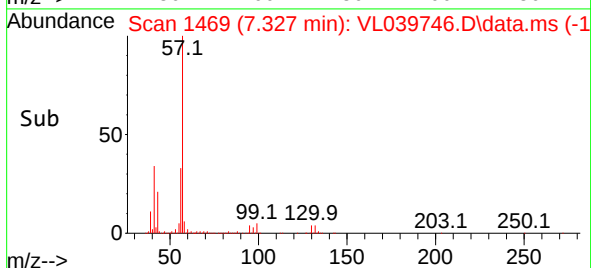
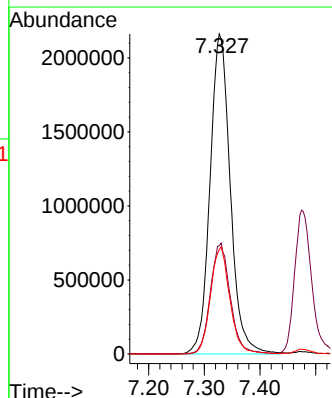
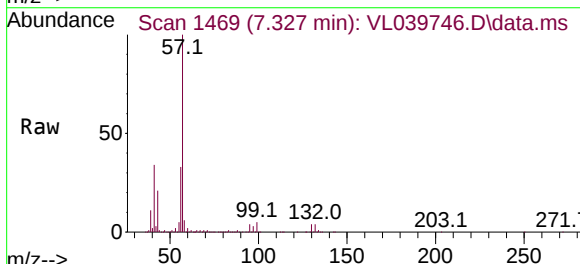
Ion	Ratio	Lower	Upper
69	100		
41	153.0	124.6	186.8
100	34.1	27.5	41.3

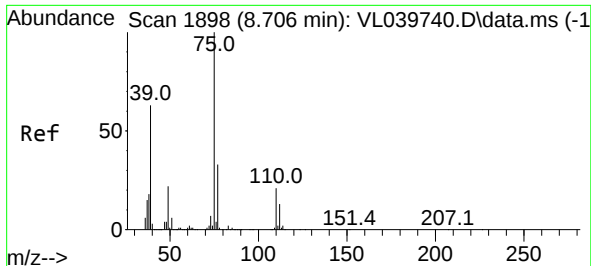


#44
2,2,4-Trimethylpentane
Concen: 15.688 ppbv
RT: 7.327 min Scan# 1469
Delta R.T. 0.003 min
Lab File: VL039746.D
Acq: 21 Oct 2022 15:04

Tgt Ion: 57 Resp: 5467453

Ion	Ratio	Lower	Upper
57	100		
41	33.8	27.1	40.7
56	32.0	25.2	37.8





#45

t-1,3-Dichloropropene

Concen: 21.298 ppbv

RT: 8.706 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VL039746.D

Acq: 21 Oct 2022 15:04

Instrument :

MSVOA_L

ClientSampleId :

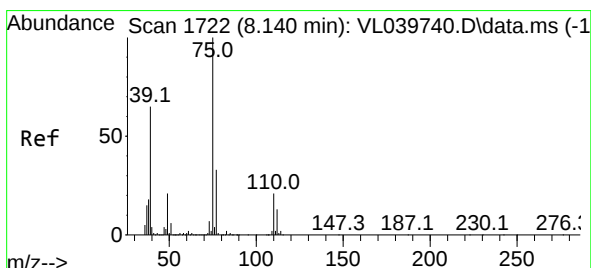
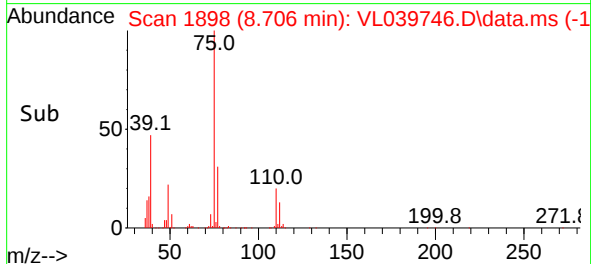
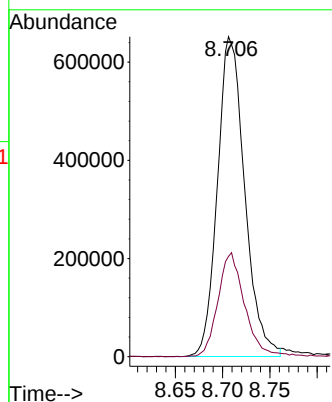
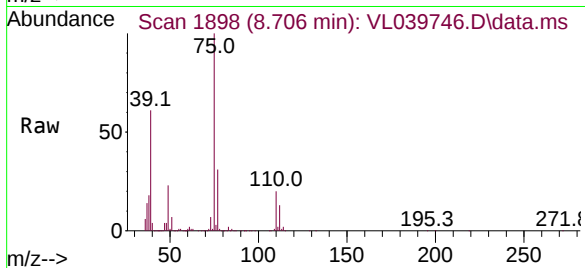
VSTDIC015

Tgt Ion: 75 Resp: 1304429

Ion Ratio Lower Upper

75 100

77 31.4 26.6 39.8



#46

cis-1,3-Dichloropropene

Concen: 20.116 ppbv

RT: 8.144 min Scan# 1723

Delta R.T. 0.003 min

Lab File: VL039746.D

Acq: 21 Oct 2022 15:04

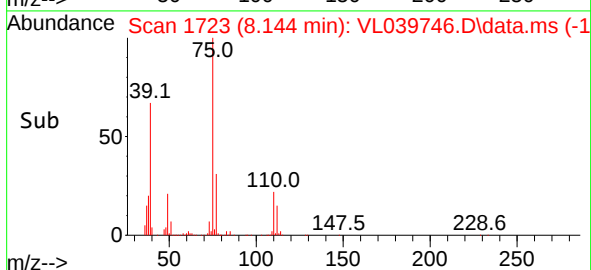
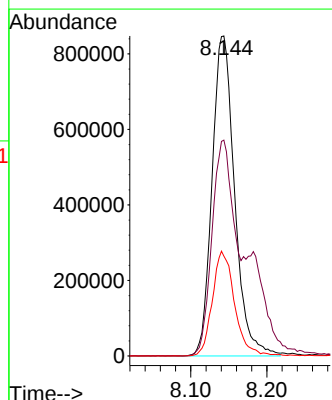
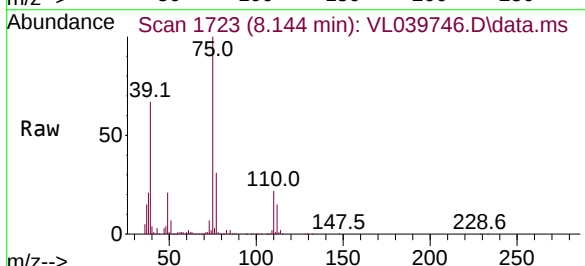
Tgt Ion: 75 Resp: 1745183

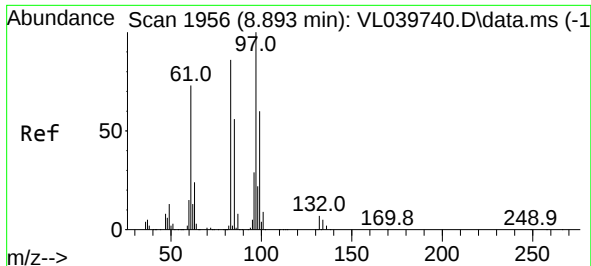
Ion Ratio Lower Upper

75 100

39 67.4 52.2 78.4

77 31.2 26.6 40.0





#47

1,1,2-Trichloroethane

Concen: 15.884 ppbv

RT: 8.899 min Scan# 1956

Delta R.T. 0.007 min

Lab File: VL039746.D

Acq: 21 Oct 2022 15:04

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC015

Tgt Ion: 97 Resp: 1361055

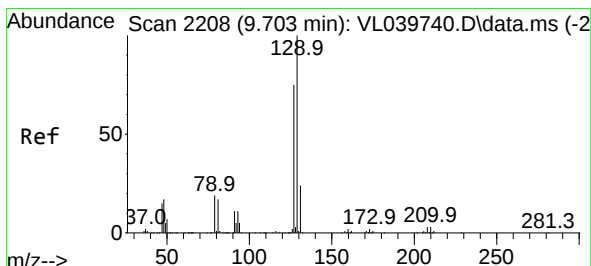
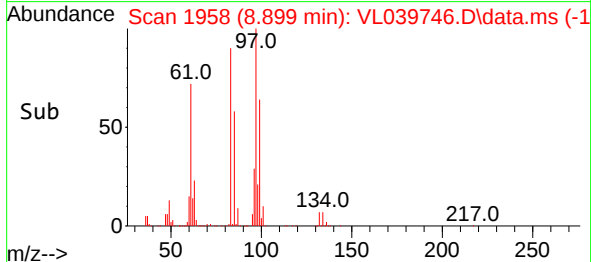
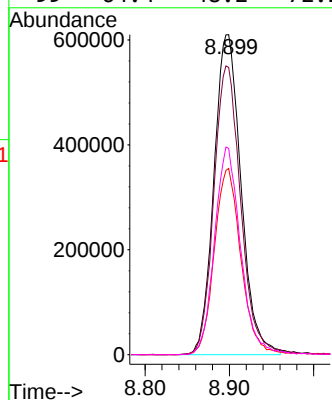
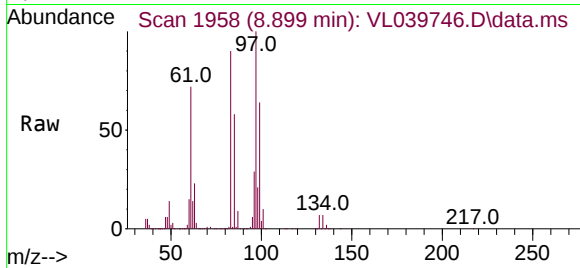
Ion Ratio Lower Upper

97 100

83 89.7 68.8 103.2

85 58.1 44.8 67.2

99 64.4 48.2 72.2



#48

Dibromochloromethane

Concen: 17.574 ppbv

RT: 9.706 min Scan# 2209

Delta R.T. 0.003 min

Lab File: VL039746.D

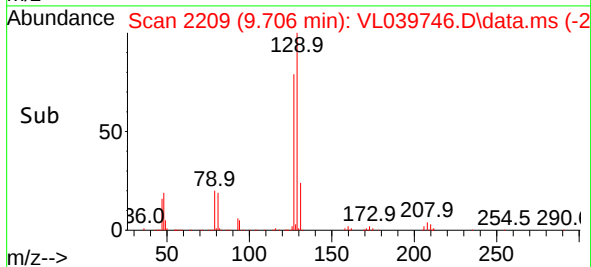
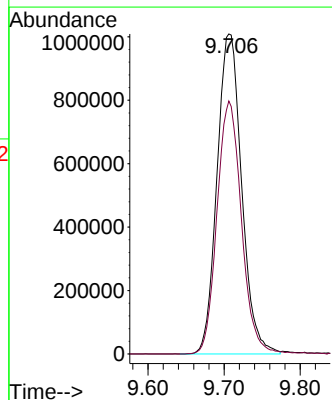
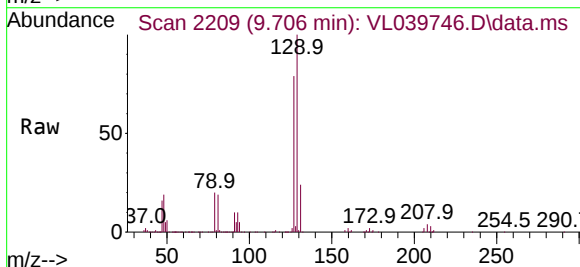
Acq: 21 Oct 2022 15:04

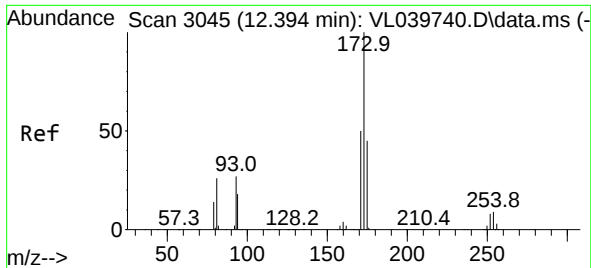
Tgt Ion: 129 Resp: 2271650

Ion Ratio Lower Upper

129 100

127 78.6 38.9 116.6





#49

Bromoform

Concen: 18.417 ppbv

RT: 12.401 min Scan# 3045

Delta R.T. 0.007 min

Lab File: VL039746.D

Acq: 21 Oct 2022 15:04

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC015

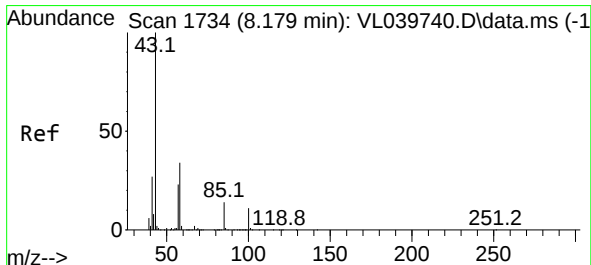
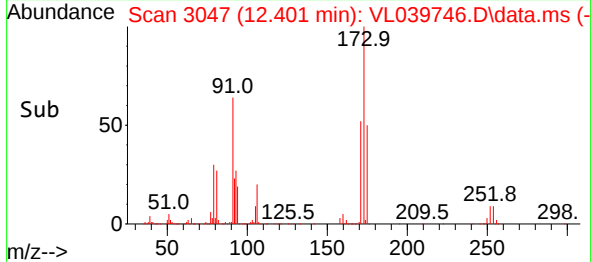
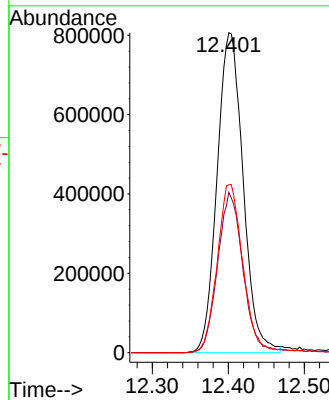
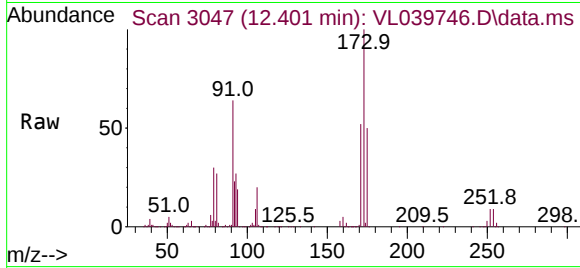
Tgt Ion:173 Resp: 1916518

Ion Ratio Lower Upper

173 100

175 49.6 39.4 59.0

171 52.7 41.6 62.4



#50

4-Methyl-2-Pentanone

Concen: 17.200 ppbv

RT: 8.182 min Scan# 1735

Delta R.T. 0.003 min

Lab File: VL039746.D

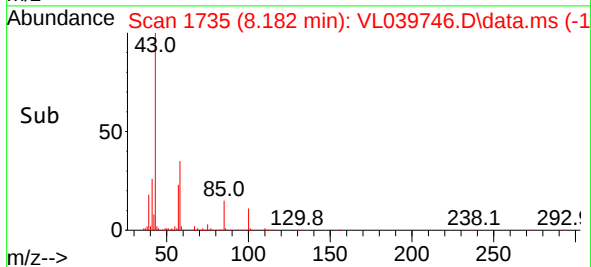
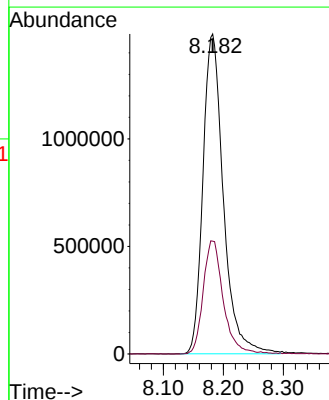
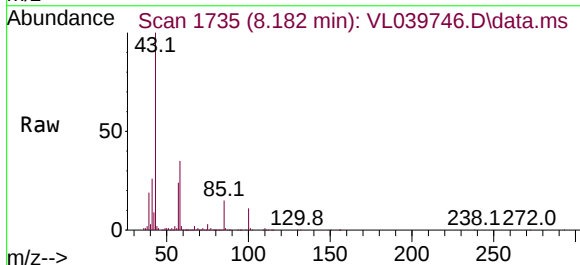
Acq: 21 Oct 2022 15:04

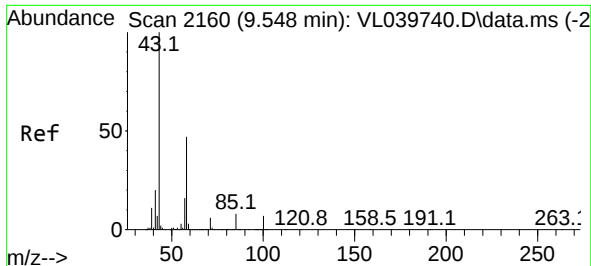
Tgt Ion: 43 Resp: 3525384

Ion Ratio Lower Upper

43 100

58 35.2 28.0 42.0

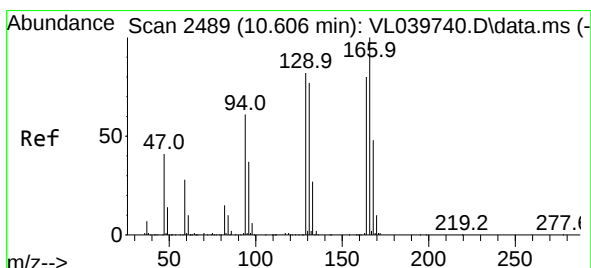
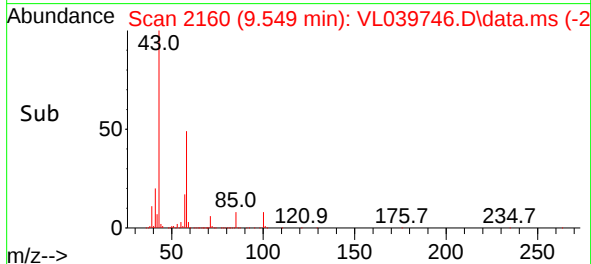
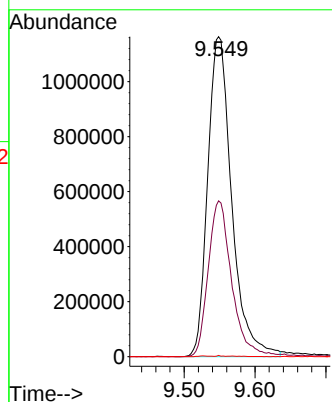
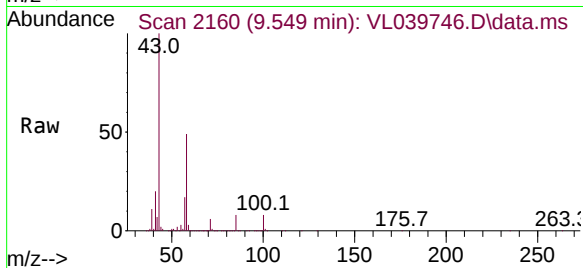




#51
2-Hexanone
Concen: 18.627 ppbv
RT: 9.549 min Scan# 2160
Delta R.T. 0.000 min
Lab File: VL039746.D
Acq: 21 Oct 2022 15:04

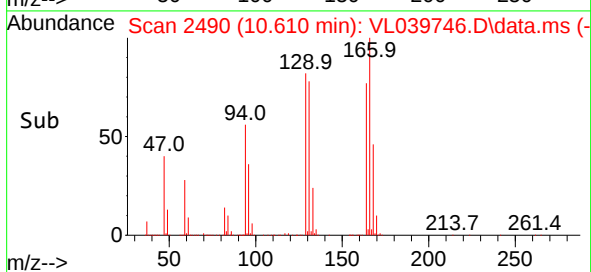
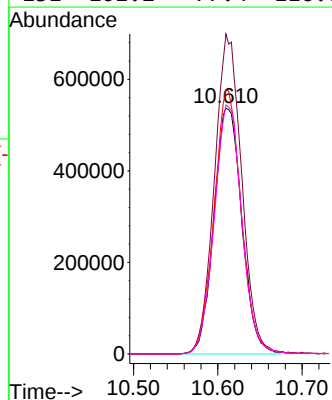
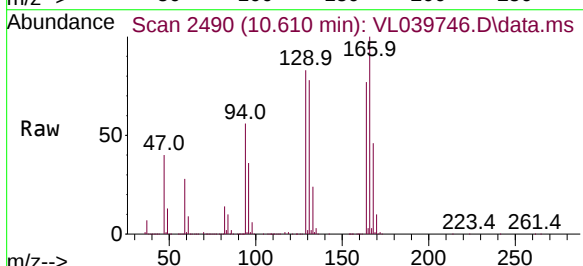
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

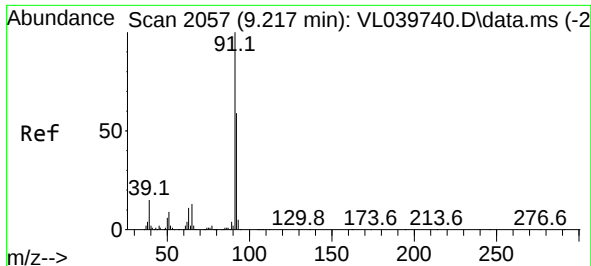
Tgt Ion: 43 Resp: 2736555
Ion Ratio Lower Upper
43 100
58 48.6 37.6 56.4
98 0.2 0.6 0.8#



#52
Tetrachloroethene
Concen: 16.612 ppbv
RT: 10.610 min Scan# 2490
Delta R.T. 0.003 min
Lab File: VL039746.D
Acq: 21 Oct 2022 15:04

Tgt Ion: 164 Resp: 1233395
Ion Ratio Lower Upper
164 100
166 130.1 100.0 150.0
129 107.4 82.1 123.1
131 101.2 77.4 116.0

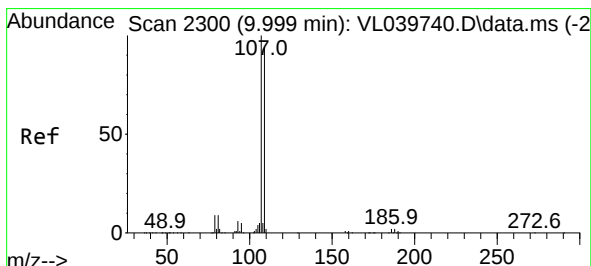
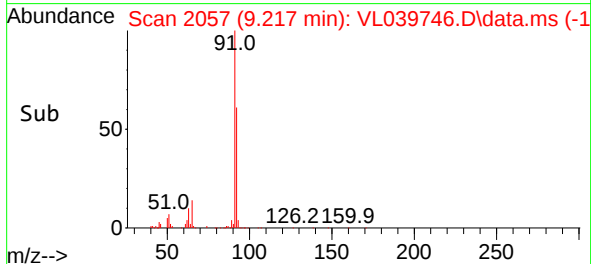
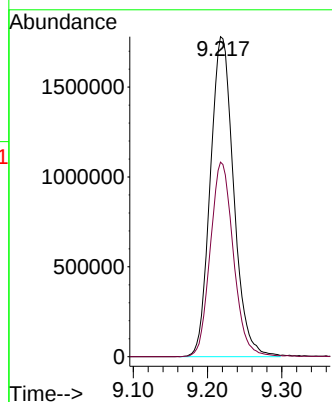
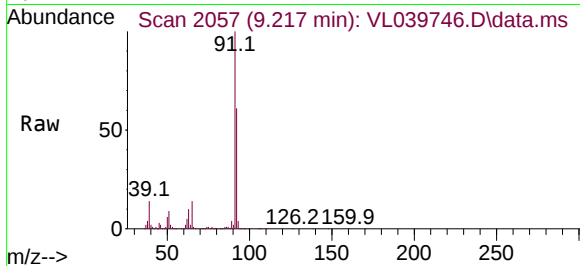




#53
Toluene
Concen: 17.494 ppbv
RT: 9.217 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VL039746.D
Acq: 21 Oct 2022 15:04

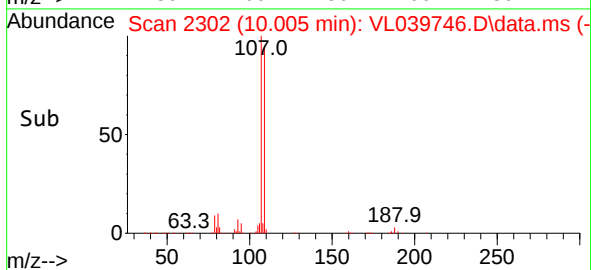
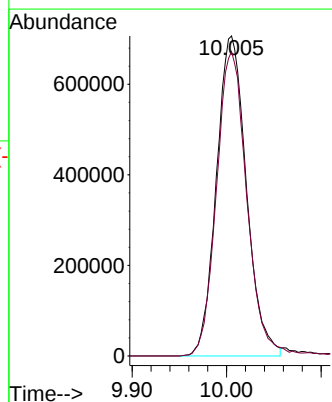
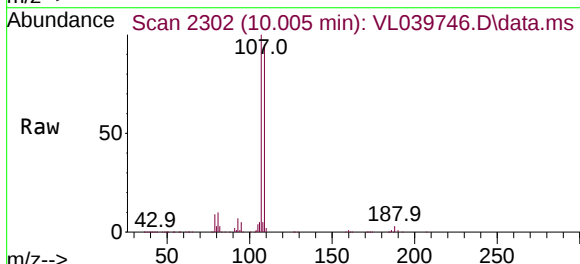
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

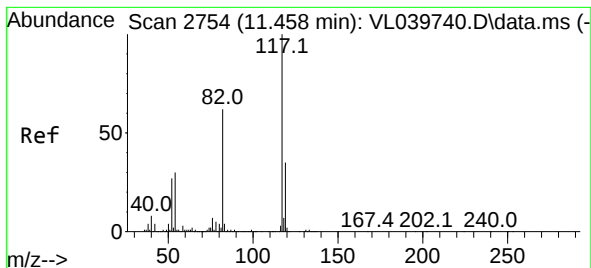
Tgt Ion: 91 Resp: 3885348
Ion Ratio Lower Upper
91 100
92 60.5 47.7 71.5



#54
1,2-Dibromoethane
Concen: 18.040 ppbv
RT: 10.005 min Scan# 2302
Delta R.T. 0.007 min
Lab File: VL039746.D
Acq: 21 Oct 2022 15:04

Tgt Ion: 107 Resp: 1554426
Ion Ratio Lower Upper
107 100
109 95.1 75.2 112.8

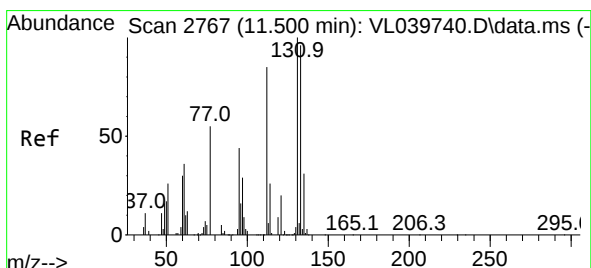
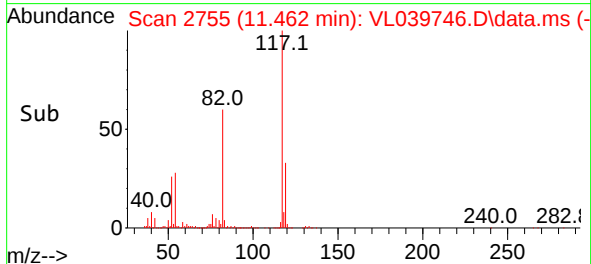
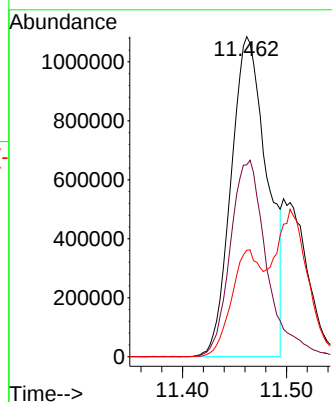
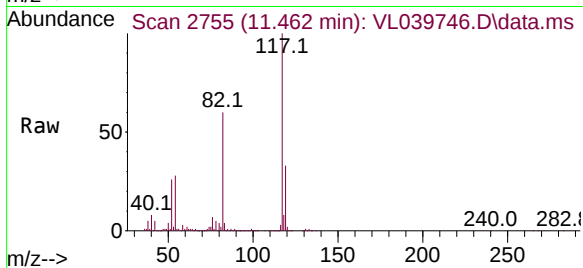




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.462 min Scan# 21
Delta R.T. 0.003 min
Lab File: VL039746.D
Acq: 21 Oct 2022 15:04

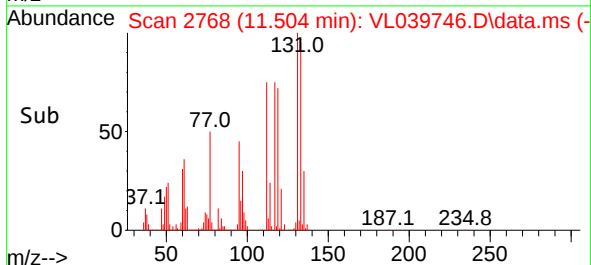
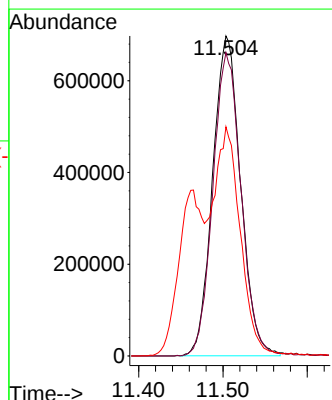
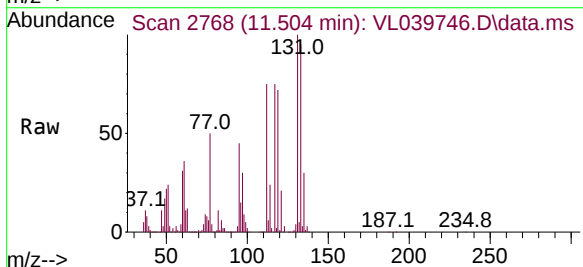
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

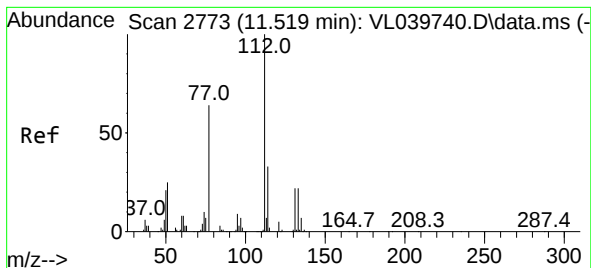
Tgt Ion:117 Resp: 2624727
Ion Ratio Lower Upper
117 100
82 62.4 51.4 77.0
119 29.3 24.6 36.8



#56
1,1,1,2-Tetrachloroethane
Concen: 15.041 ppbv
RT: 11.504 min Scan# 2768
Delta R.T. 0.003 min
Lab File: VL039746.D
Acq: 21 Oct 2022 15:04

Tgt Ion:131 Resp: 1602292
Ion Ratio Lower Upper
131 100
133 96.3 77.2 115.8
119 75.3 55.5 83.3

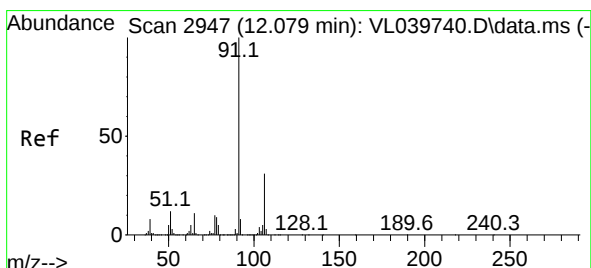
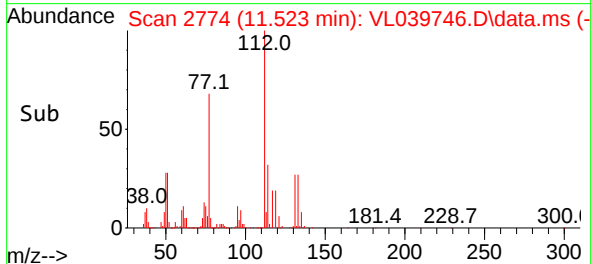
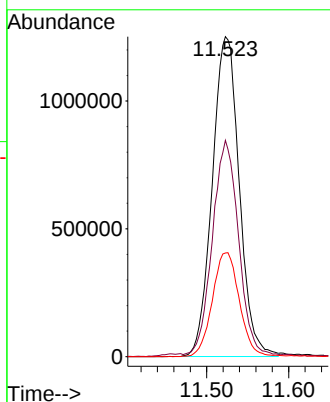
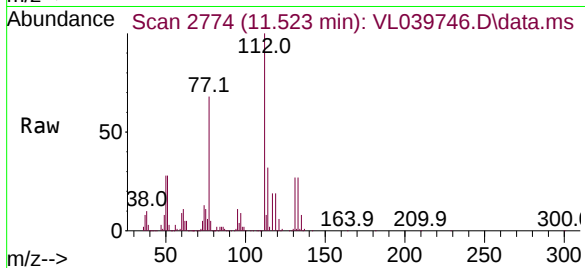




#57
Chlorobenzene
Concen: 14.881 ppbv
RT: 11.523 min Scan# 21
Delta R.T. 0.003 min
Lab File: VL039746.D
Acq: 21 Oct 2022 15:04

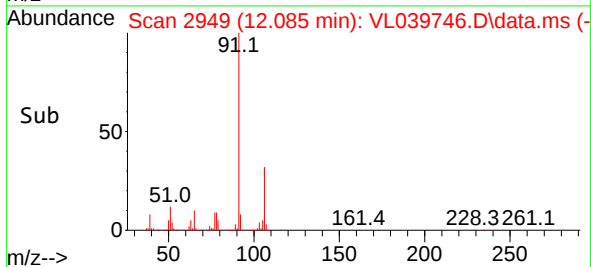
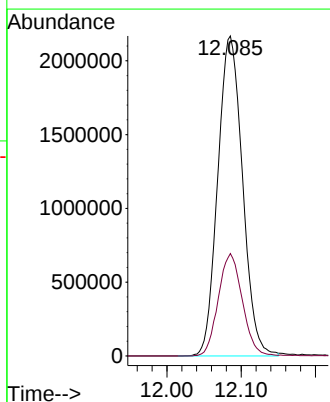
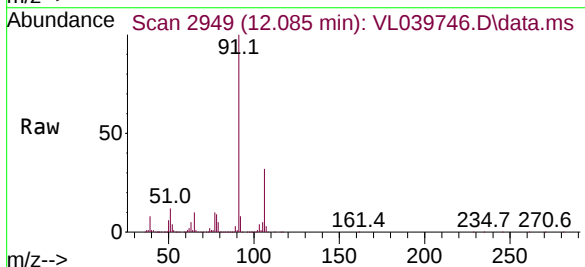
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

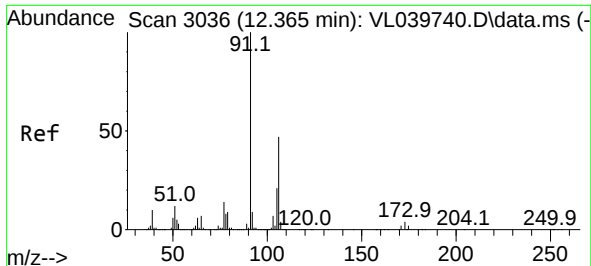
Tgt Ion:112 Resp: 2865606
Ion Ratio Lower Upper
112 100
77 66.8 51.4 77.2
114 32.4 30.0 36.6



#58
Ethyl Benzene
Concen: 16.569 ppbv
RT: 12.085 min Scan# 2949
Delta R.T. 0.007 min
Lab File: VL039746.D
Acq: 21 Oct 2022 15:04

Tgt Ion: 91 Resp: 5022842
Ion Ratio Lower Upper
91 100
106 32.0 24.6 36.8





#59

m/p-Xylene

Concen: 15.005 ppbv

RT: 12.368 min Scan# 3036

Delta R.T. 0.003 min

Lab File: VL039746.D

Acq: 21 Oct 2022 15:04

Instrument :

MSVOA_L

ClientSampleId :

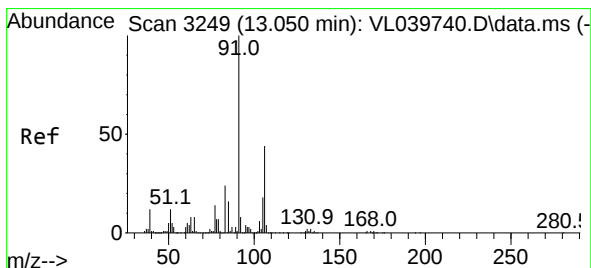
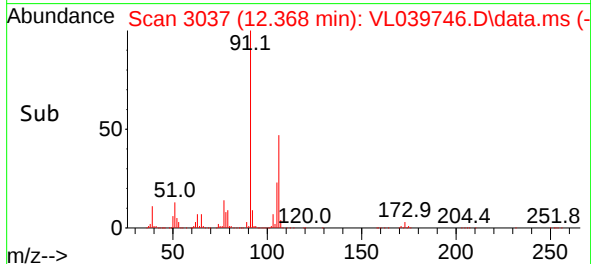
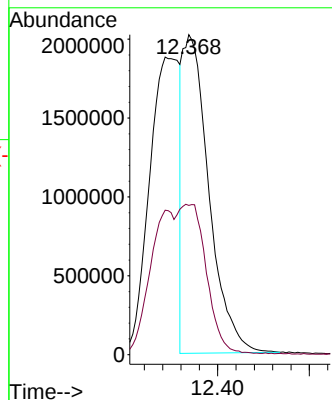
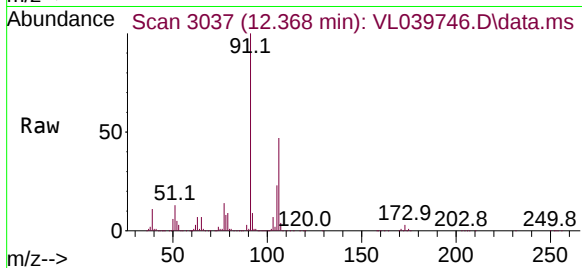
VSTDIC015

Tgt Ion: 91 Resp: 4020410

Ion Ratio Lower Upper

91 100

106 94.4 36.2 54.4#



#60

o-Xylene

Concen: 15.755 ppbv

RT: 13.057 min Scan# 3251

Delta R.T. 0.007 min

Lab File: VL039746.D

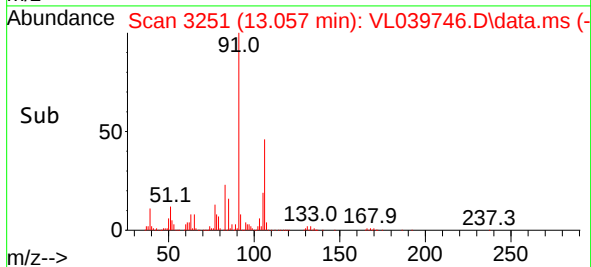
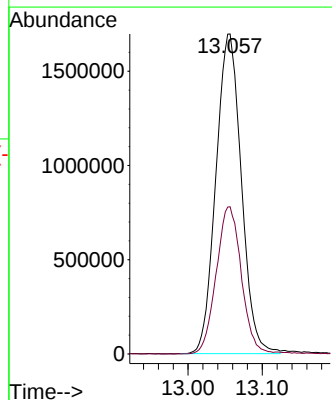
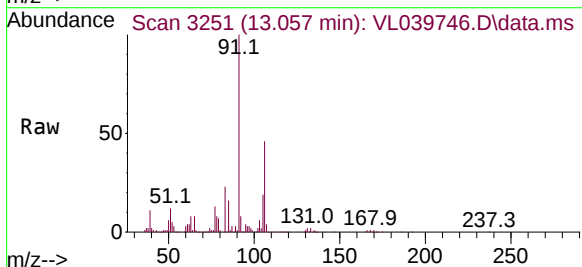
Acq: 21 Oct 2022 15:04

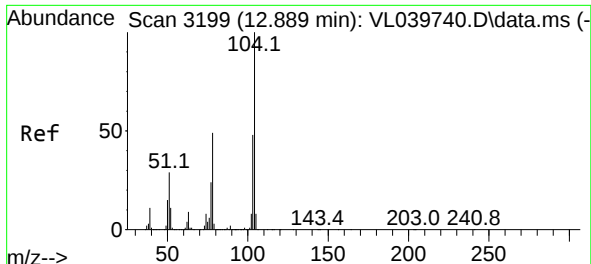
Tgt Ion: 91 Resp: 4038313

Ion Ratio Lower Upper

91 100

106 46.0 22.4 67.0

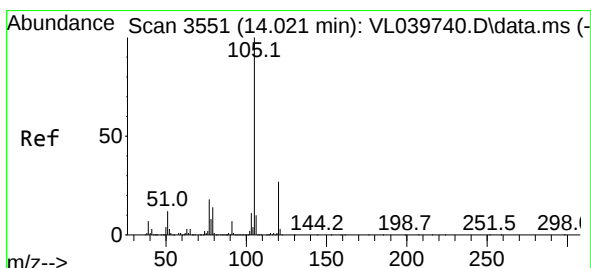
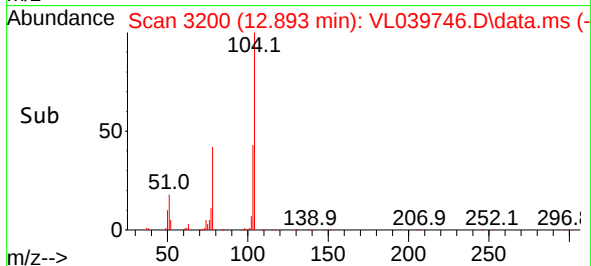
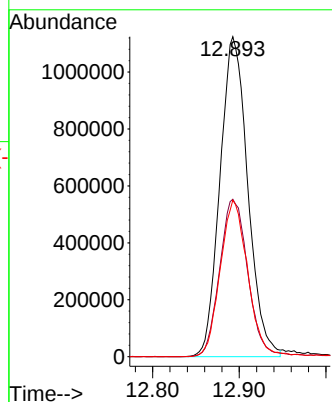
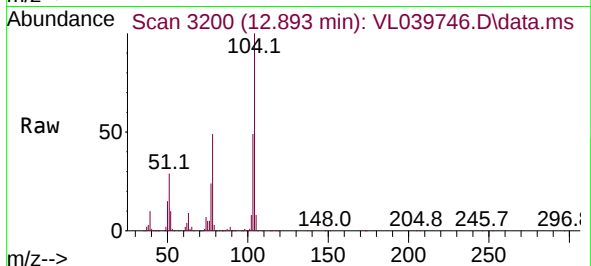




#61
Styrene
Concen: 18.718 ppbv
RT: 12.893 min Scan# 3199
Delta R.T. 0.003 min
Lab File: VL039746.D
Acq: 21 Oct 2022 15:04

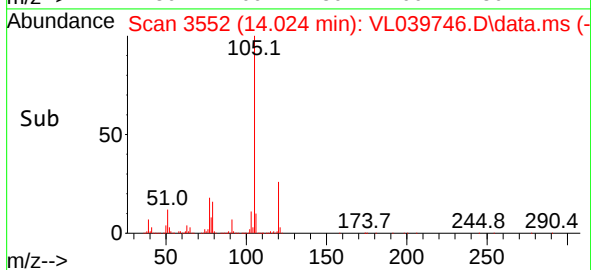
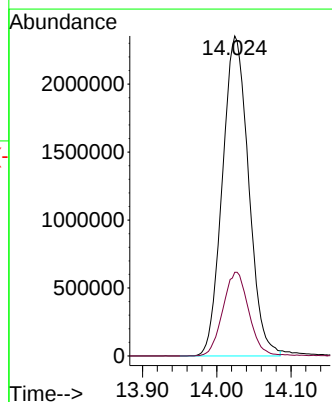
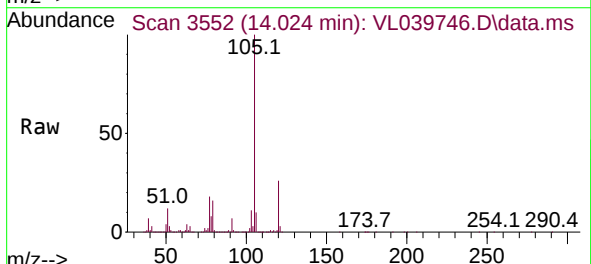
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

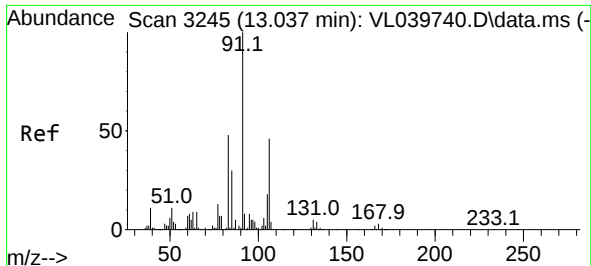
Tgt Ion:104 Resp: 2510191
Ion Ratio Lower Upper
104 100
78 50.4 39.6 59.4
103 48.9 38.1 57.1



#62
Isopropylbenzene
Concen: 15.132 ppbv
RT: 14.024 min Scan# 3552
Delta R.T. 0.003 min
Lab File: VL039746.D
Acq: 21 Oct 2022 15:04

Tgt Ion:105 Resp: 5776841
Ion Ratio Lower Upper
105 100
120 26.2 20.2 30.4

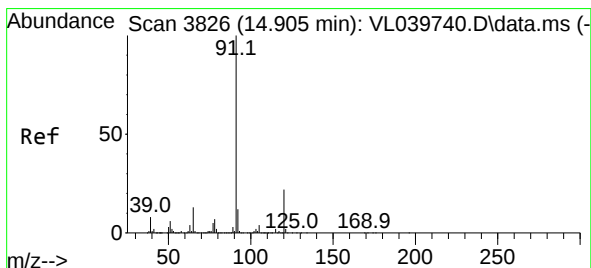
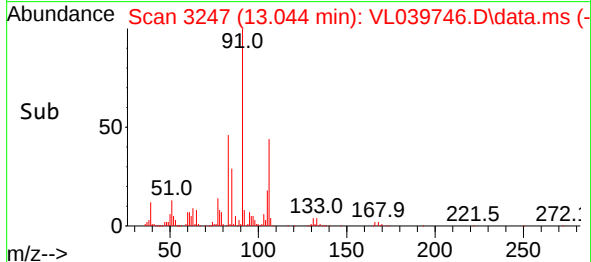
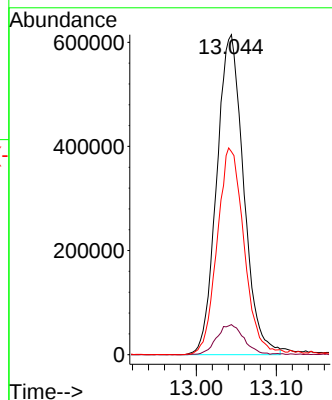
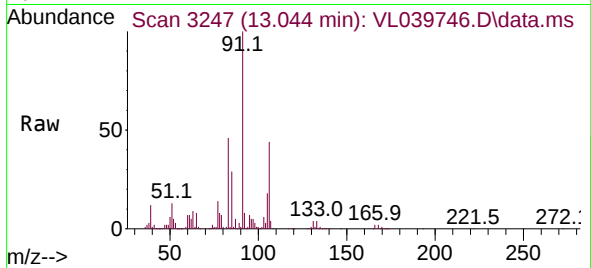




#63
1,1,2,2-Tetrachloroethane
Concen: 14.670 ppbv
RT: 13.044 min Scan# 31
Delta R.T. 0.007 min
Lab File: VL039746.D
Acq: 21 Oct 2022 15:04

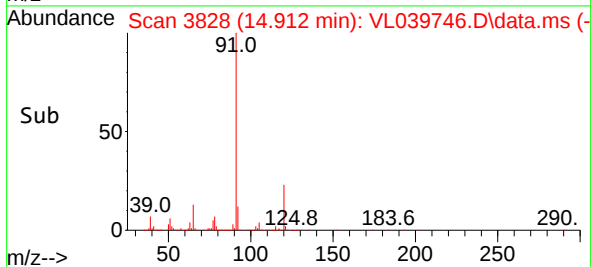
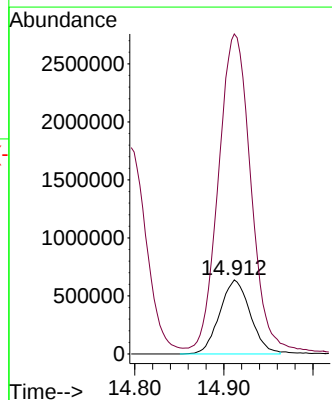
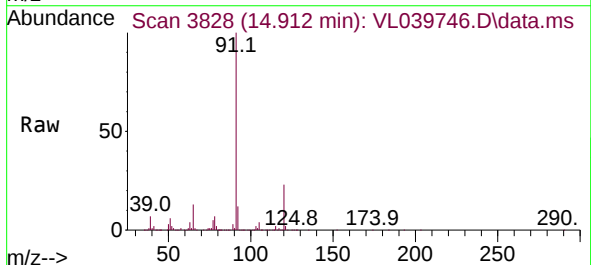
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

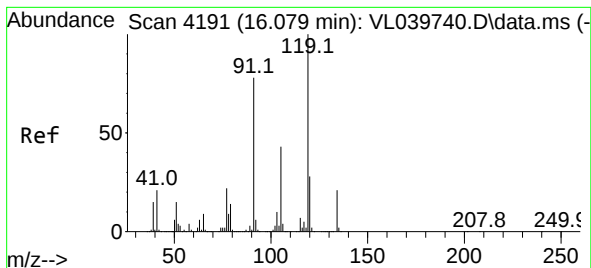
Tgt Ion: 83 Resp: 1436945
Ion Ratio Lower Upper
83 100
131 9.7 4.9 14.7
85 65.9 32.8 98.4



#64
n-propylbenzene
Concen: 15.838 ppbv
RT: 14.912 min Scan# 3828
Delta R.T. 0.007 min
Lab File: VL039746.D
Acq: 21 Oct 2022 15:04

Tgt Ion:120 Resp: 1519133
Ion Ratio Lower Upper
120 100
91 468.3 376.2 564.2

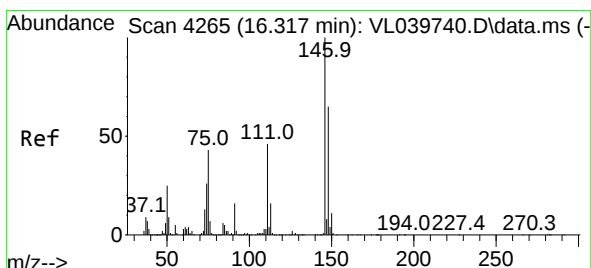
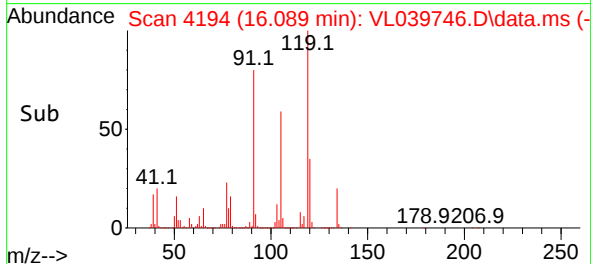
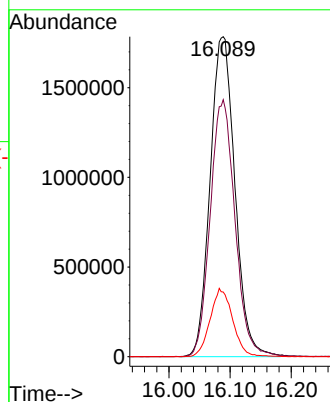
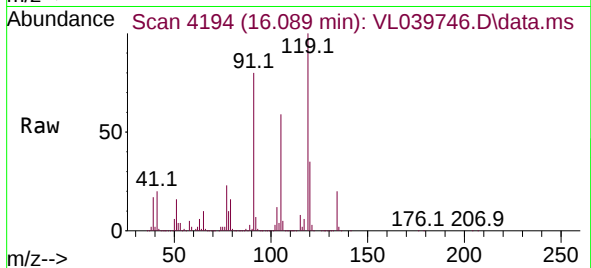




#65
tert-Butylbenzene
Concen: 15.050 ppbv
RT: 16.089 min Scan# 4191
Delta R.T. 0.010 min
Lab File: VL039746.D
Acq: 21 Oct 2022 15:04

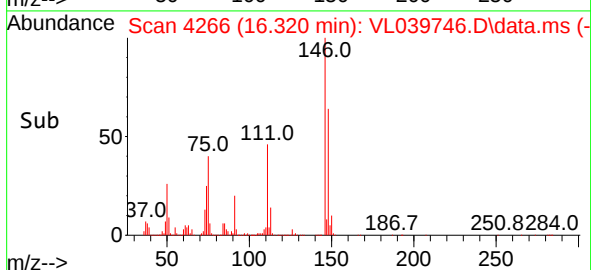
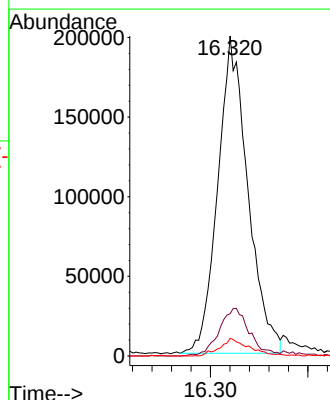
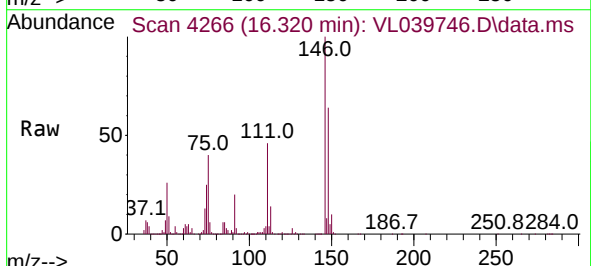
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

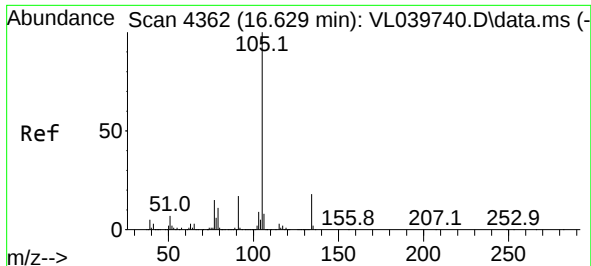
Tgt Ion:119 Resp: 5033351
Ion Ratio Lower Upper
119 100
91 80.2 64.2 96.2
134 19.4 15.5 23.3



#66
Benzyl Chloride
Concen: 18.255 ppbv
RT: 16.320 min Scan# 4266
Delta R.T. 0.003 min
Lab File: VL039746.D
Acq: 21 Oct 2022 15:04

Tgt Ion: 91 Resp: 426609
Ion Ratio Lower Upper
91 100
126 16.3 12.6 18.8
128 5.4 4.2 6.2





#67

sec-Butylbenzene

Concen: 15.269 ppbv

RT: 16.635 min Scan# 41

Delta R.T. 0.007 min

Lab File: VL039746.D

Acq: 21 Oct 2022 15:04

Instrument :

MSVOA_L

ClientSampleId :

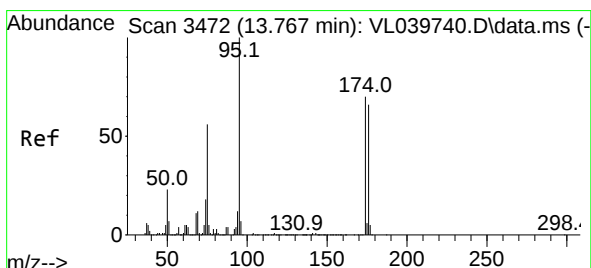
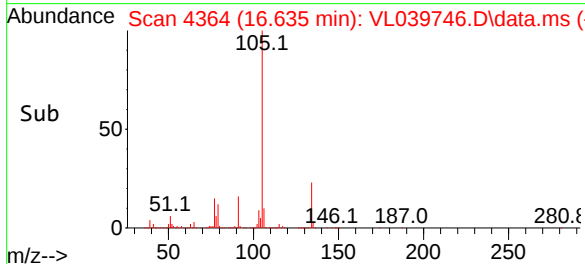
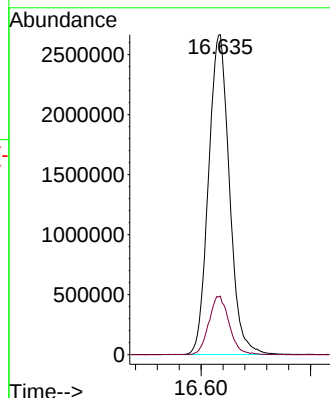
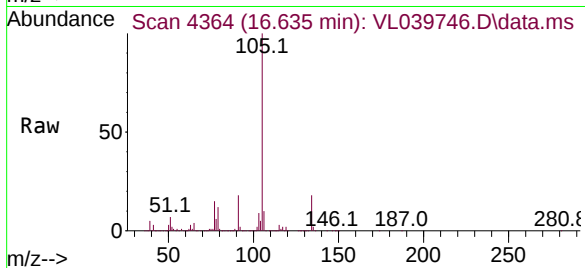
VSTDIC015

Tgt Ion:105 Resp: 7065306

Ion Ratio Lower Upper

105 100

134 17.9 14.2 21.4



#68

1-Bromo-4-Fluorobenzene

Concen: 9.670 ppbv

RT: 13.770 min Scan# 3473

Delta R.T. 0.003 min

Lab File: VL039746.D

Acq: 21 Oct 2022 15:04

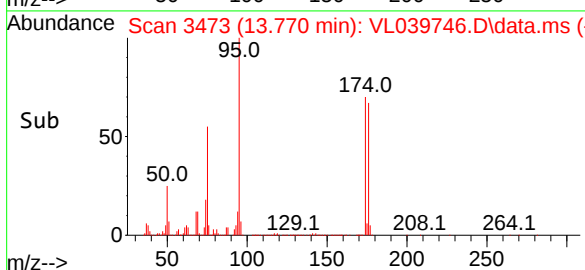
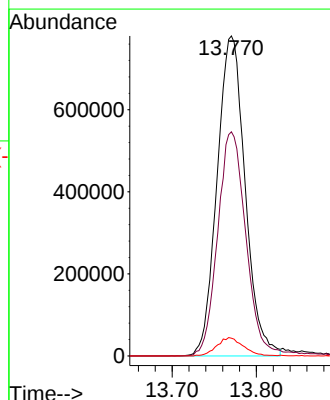
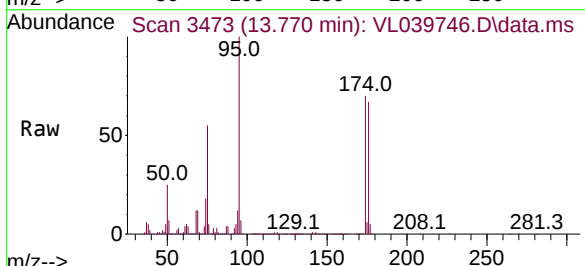
Tgt Ion: 95 Resp: 1801776

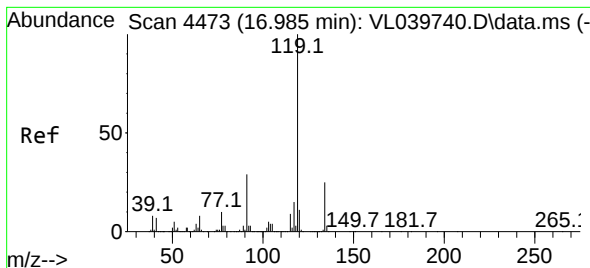
Ion Ratio Lower Upper

95 100

174 71.8 56.5 84.7

175 5.5 4.2 6.4





#69

p-Isopropyltoluene

Concen: 15.668 ppbv

RT: 16.989 min Scan# 4473

Delta R.T. 0.003 min

Lab File: VL039746.D

Acq: 21 Oct 2022 15:04

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC015

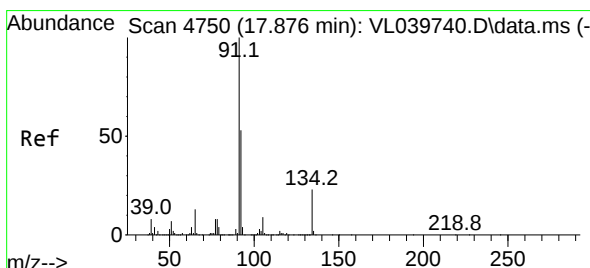
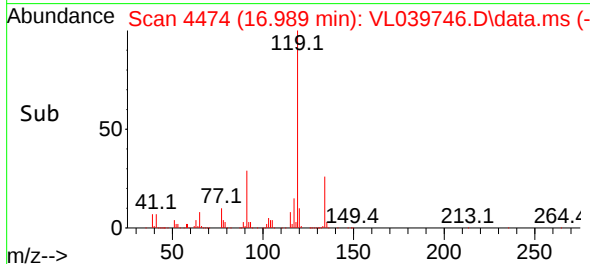
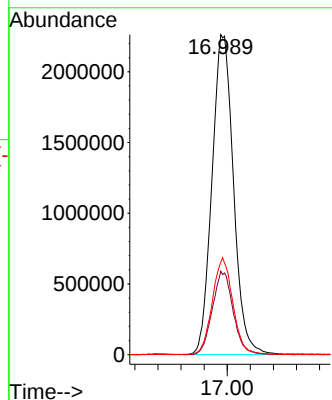
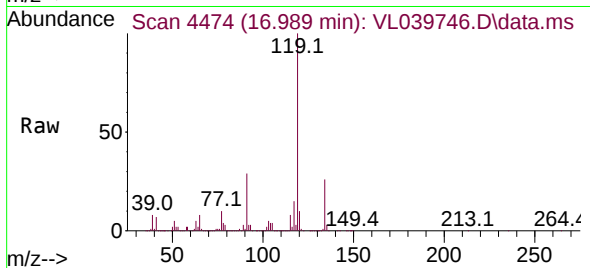
Tgt Ion:119 Resp: 5842738

Ion Ratio Lower Upper

119 100

134 25.2 19.8 29.8

91 28.9 22.7 34.1



#70

n-Butylbenzene

Concen: 16.116 ppbv

RT: 17.883 min Scan# 4752

Delta R.T. 0.007 min

Lab File: VL039746.D

Acq: 21 Oct 2022 15:04

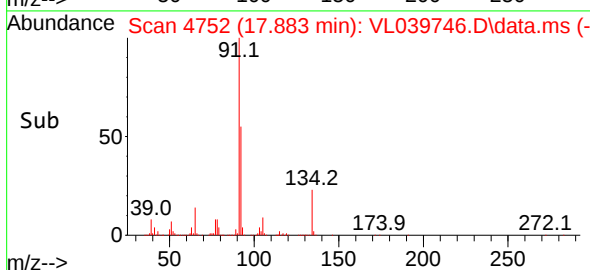
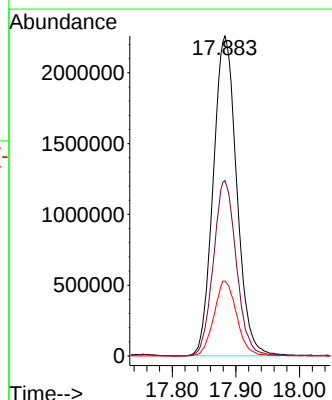
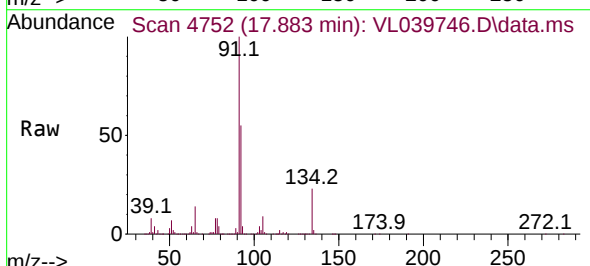
Tgt Ion: 91 Resp: 5783548

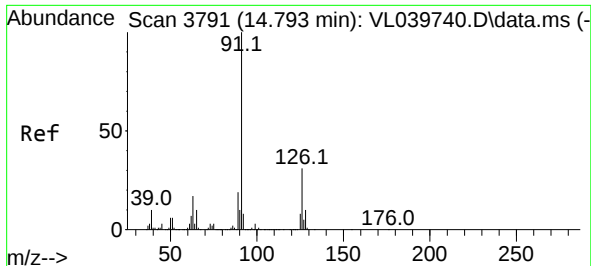
Ion Ratio Lower Upper

91 100

92 53.8 43.3 64.9

134 22.9 18.4 27.6

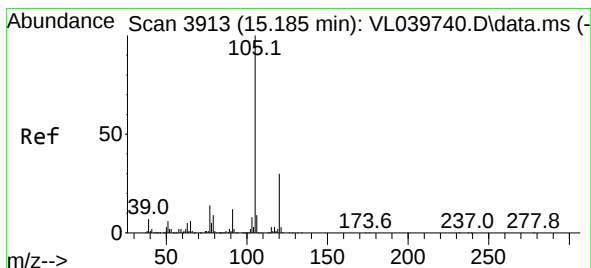
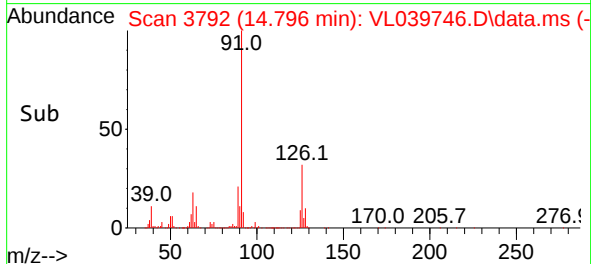
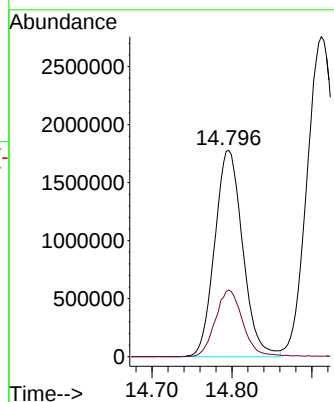
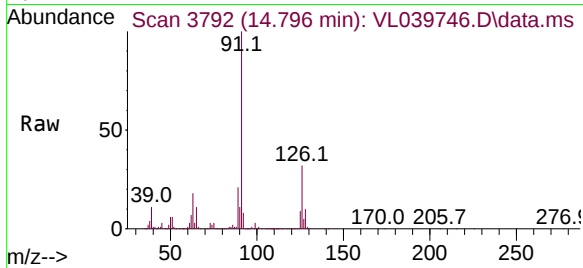




#71
2-Chlorotoluene
Concen: 15.882 ppbv
RT: 14.796 min Scan# 31
Delta R.T. 0.003 min
Lab File: VL039746.D
Acq: 21 Oct 2022 15:04

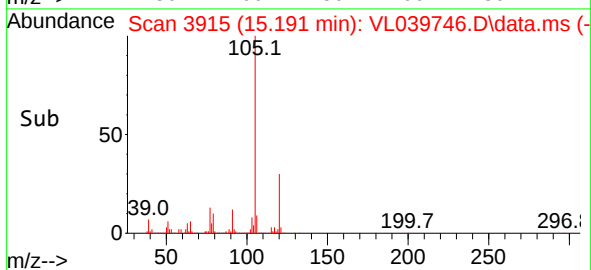
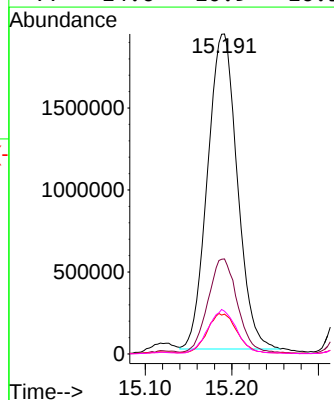
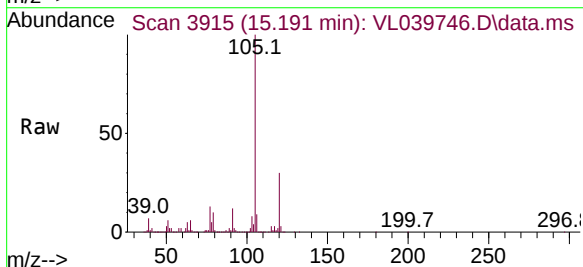
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

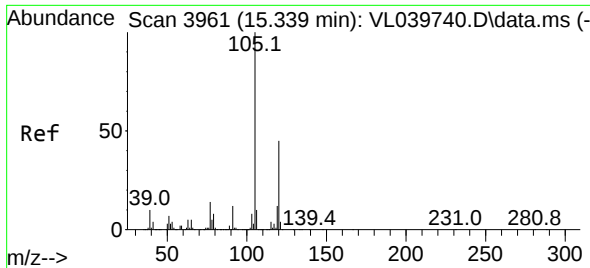
Tgt Ion: 91 Resp: 4314746
Ion Ratio Lower Upper
91 100
126 32.3 12.7 50.7



#72
4-Ethyltoluene
Concen: 16.037 ppbv
RT: 15.191 min Scan# 3915
Delta R.T. 0.007 min
Lab File: VL039746.D
Acq: 21 Oct 2022 15:04

Tgt Ion: 105 Resp: 4587719
Ion Ratio Lower Upper
105 100
120 31.5 23.9 35.9
91 13.8 10.3 15.5
77 14.6 10.9 16.3

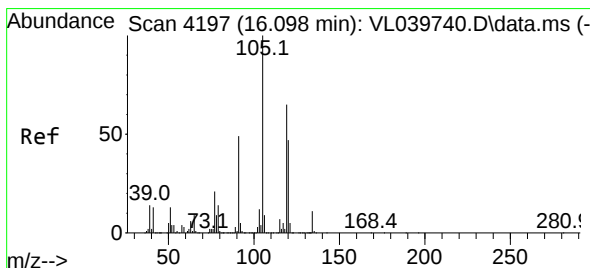
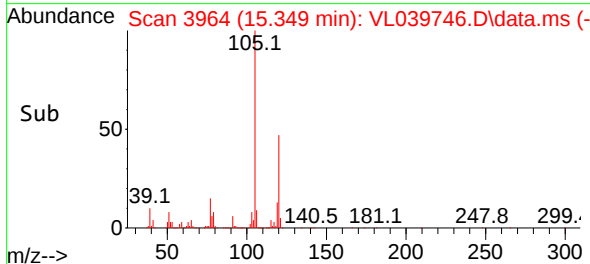
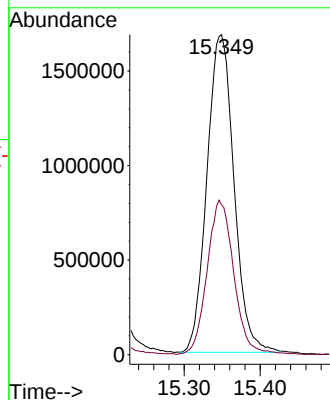
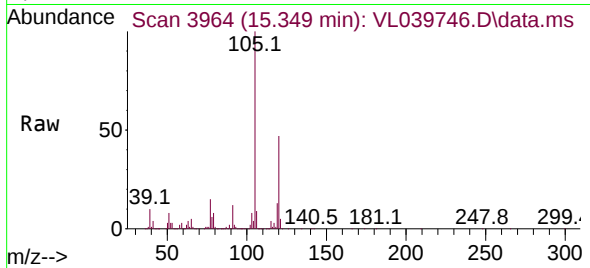




#73
 1,3,5-Trimethylbenzene
 Concen: 15.589 ppbv
 RT: 15.349 min Scan# 3961
 Delta R.T. 0.010 min
 Lab File: VL039746.D
 Acq: 21 Oct 2022 15:04

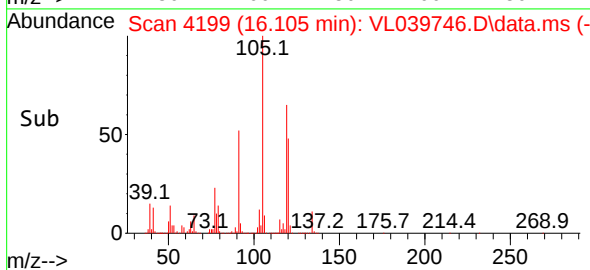
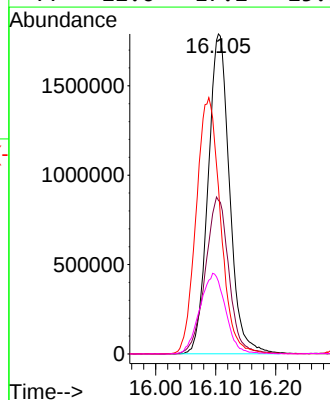
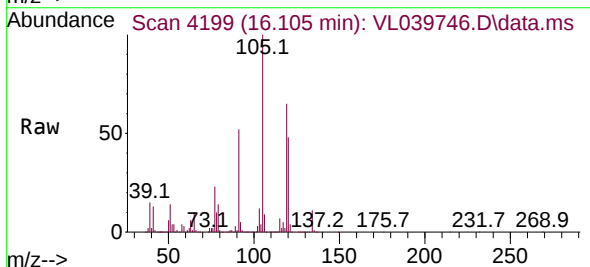
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC015

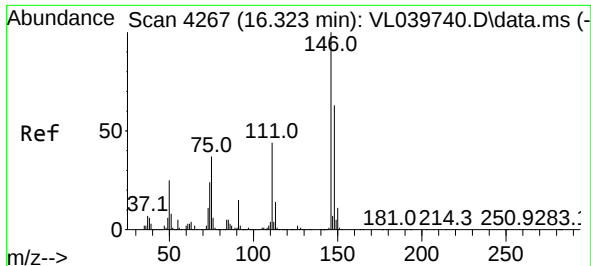
Tgt Ion:105 Resp: 4151700
 Ion Ratio Lower Upper
 105 100
 120 46.9 35.6 53.4



#74
 1,2,4-Trimethylbenzene
 Concen: 15.207 ppbv
 RT: 16.105 min Scan# 4199
 Delta R.T. 0.007 min
 Lab File: VL039746.D
 Acq: 21 Oct 2022 15:04

Tgt Ion:105 Resp: 4448625
 Ion Ratio Lower Upper
 105 100
 120 47.9 37.6 56.4
 91 52.0 40.1 60.1
 77 22.6 17.2 25.8

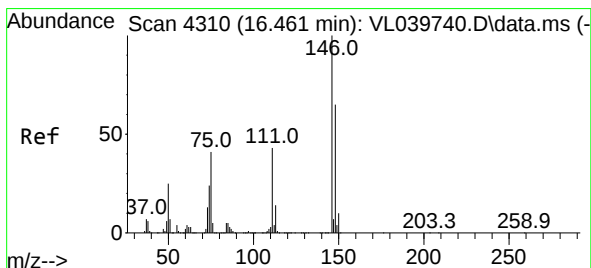
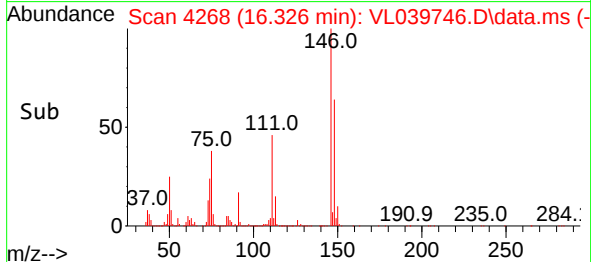
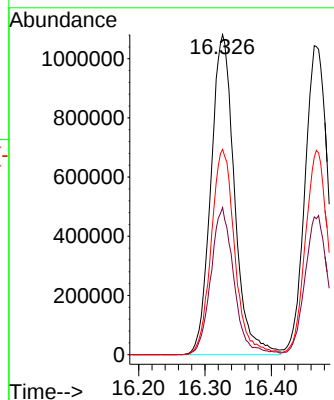
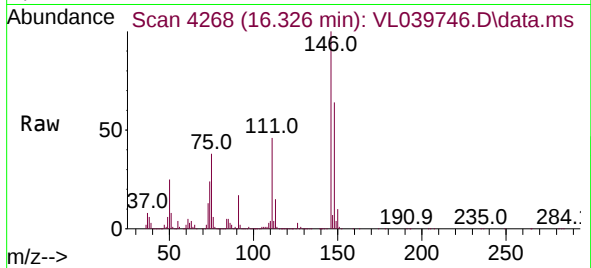




#75
1,3-Dichlorobenzene
Concen: 15.244 ppbv
RT: 16.326 min Scan# 4310
Delta R.T. 0.003 min
Lab File: VL039746.D
Acq: 21 Oct 2022 15:04

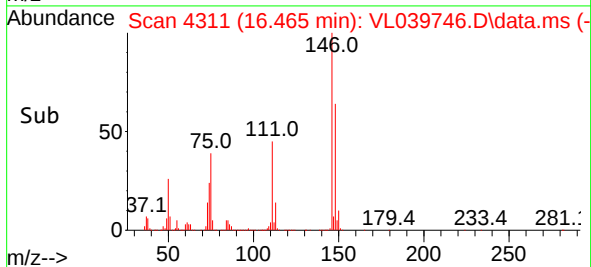
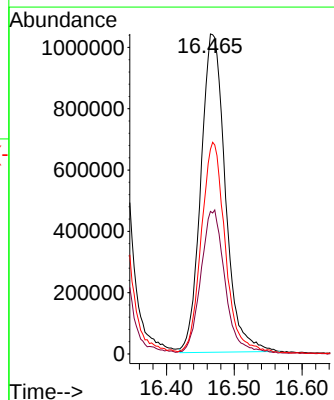
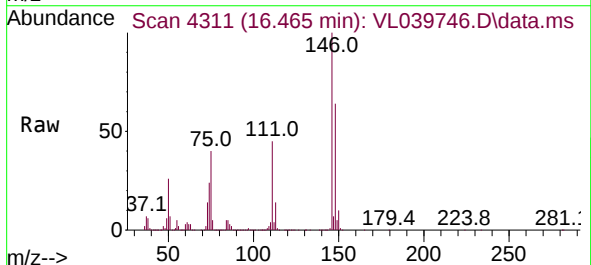
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

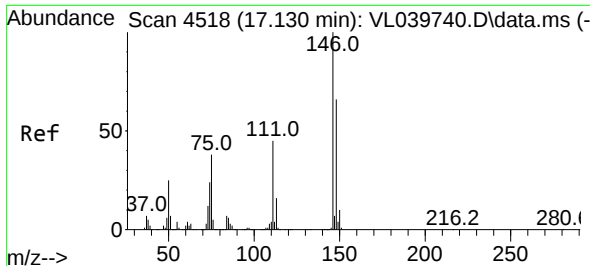
Tgt Ion:146 Resp: 2670791
Ion Ratio Lower Upper
146 100
111 44.9 22.8 68.3
148 64.4 32.6 97.7



#76
1,4-Dichlorobenzene
Concen: 15.198 ppbv
RT: 16.465 min Scan# 4311
Delta R.T. 0.003 min
Lab File: VL039746.D
Acq: 21 Oct 2022 15:04

Tgt Ion:146 Resp: 2601257
Ion Ratio Lower Upper
146 100
111 44.6 22.1 66.5
148 65.6 33.2 99.6

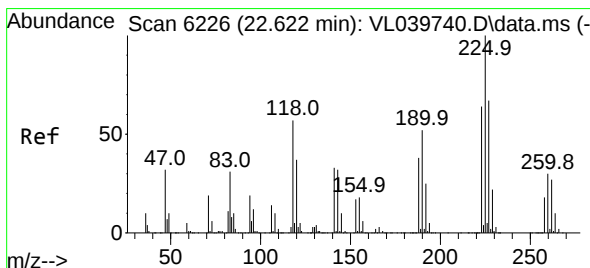
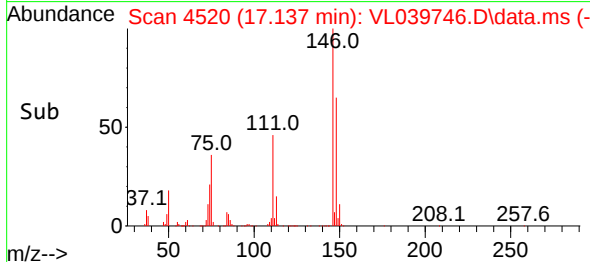
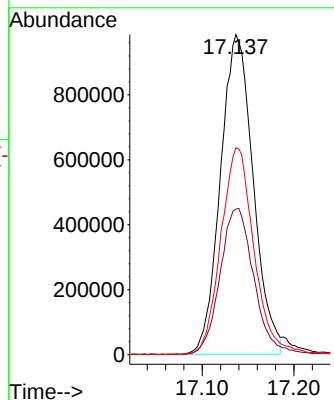
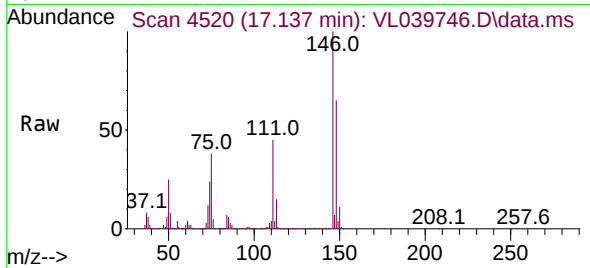




#77
1,2-Dichlorobenzene
Concen: 14.356 ppbv
RT: 17.137 min Scan# 4518
Delta R.T. 0.007 min
Lab File: VL039746.D
Acq: 21 Oct 2022 15:04

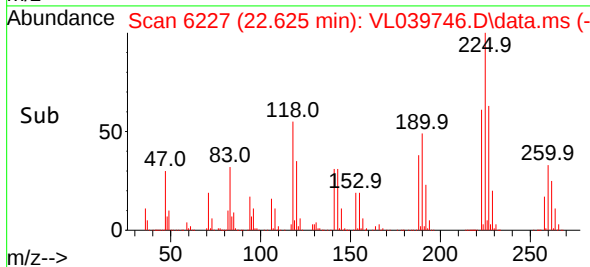
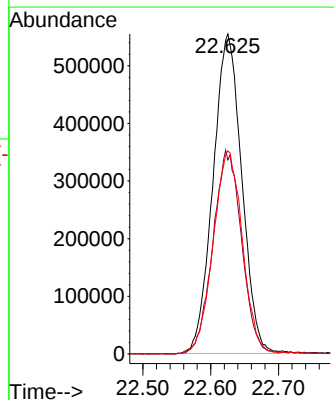
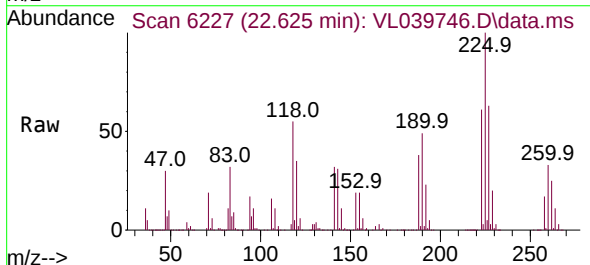
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

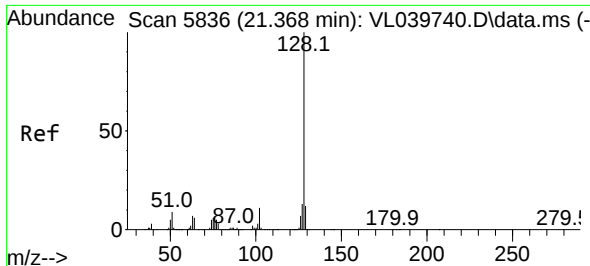
Tgt Ion:146 Resp: 2444520
Ion Ratio Lower Upper
146 100
111 47.7 23.6 70.8
148 66.1 32.8 98.3



#78
Hexachloro-1,3-Butadiene
Concen: 13.248 ppbv
RT: 22.625 min Scan# 6227
Delta R.T. 0.003 min
Lab File: VL039746.D
Acq: 21 Oct 2022 15:04

Tgt Ion:225 Resp: 1629905
Ion Ratio Lower Upper
225 100
223 64.5 52.4 78.6
227 65.2 52.7 79.1

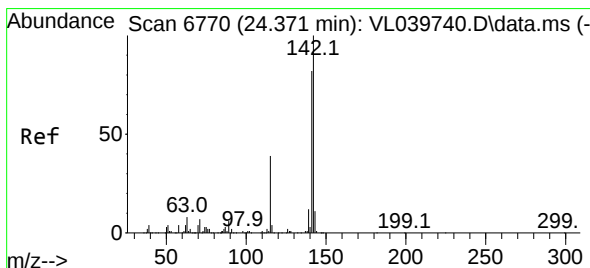
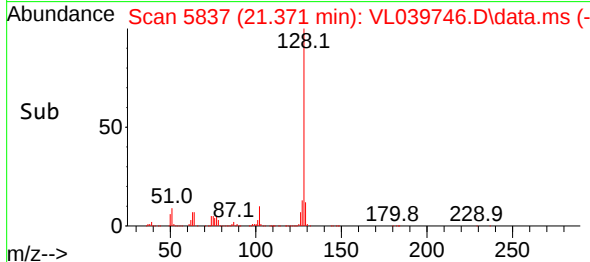
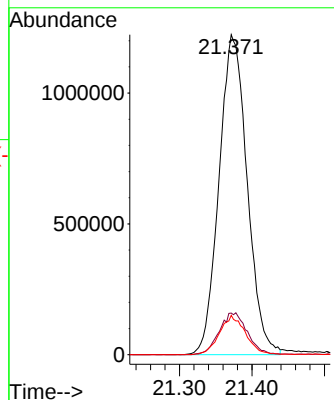
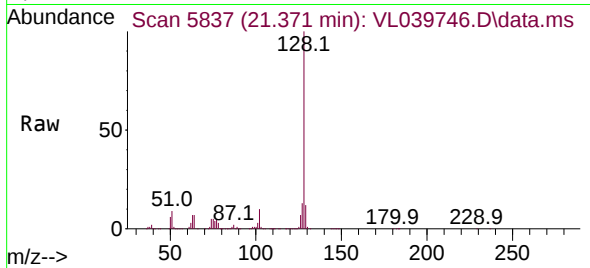




#79
Naphthalene
Concen: 19.249 ppbv
RT: 21.371 min Scan# 5837
Delta R.T. 0.003 min
Lab File: VL039746.D
Acq: 21 Oct 2022 15:04

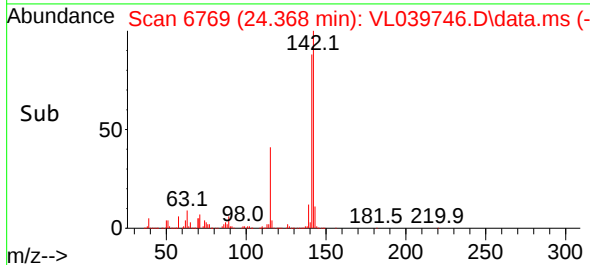
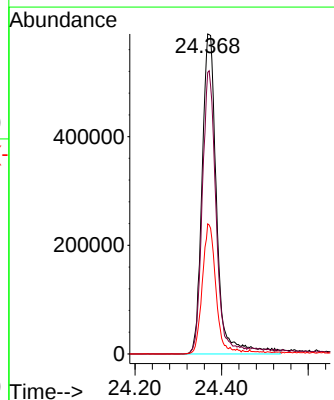
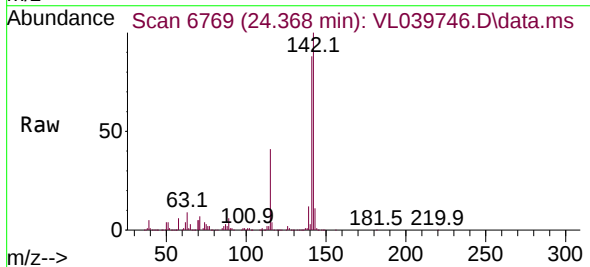
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

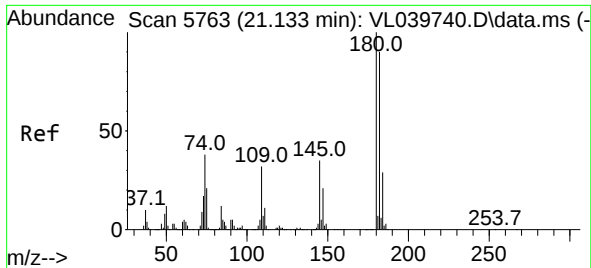
Tgt Ion:128 Resp: 3296753
Ion Ratio Lower Upper
128 100
127 13.0 10.8 16.2
129 12.3 9.4 14.0



#80
Naphthalene,2-methyl-
Concen: 26.941 ppbv
RT: 24.368 min Scan# 6769
Delta R.T. -0.003 min
Lab File: VL039746.D
Acq: 21 Oct 2022 15:04

Tgt Ion:142 Resp: 1377936
Ion Ratio Lower Upper
142 100
141 84.7 70.0 105.0
115 38.5 32.5 48.7





#81
 1,2,4-Trichlorobenzene
 Concen: 16.108 ppbv
 RT: 21.133 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VL039746.D
 Acq: 21 Oct 2022 15:04

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC015

Tgt Ion:180 Resp: 1848430
 Ion Ratio Lower Upper
 180 100
 182 97.5 0.0 0.0#
 184 31.5 0.0 0.0#

