

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL102122\
 Data File : VL039742.D
 Acq On : 21 Oct 2022 11:21
 Operator : SY/AP
 Sample : VSTDICC001
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC001

Quant Time: Oct 22 03:03:02 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	5.195	49	1072210	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.652	114	2918767	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.459	117	2582323	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.767	95	1837221	10.022	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.200%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.751	85	208260	1.160	ppbv	96
3) Chlorodifluoromethane	2.694	51	130726	0.957	ppbv	99
4) Chloromethane	2.832	50	83935	0.982	ppbv	90
5) Vinyl Chloride	2.938	62	68204	1.016	ppbv	94
6) Bromomethane	3.137	94	23938	0.963	ppbv	95
7) Chloroethane	3.214	64	22163	0.891	ppbv	99
8) Dichlorotetrafluoroethane	2.877	85	166627	1.000	ppbv	99
9) Propene	2.716	41	55761	0.894	ppbv	88
10) Heptane	7.581	43	70265	0.485	ppbv #	27
11) Trichlorofluoromethane	3.581	101	158148	0.946	ppbv	100
12) 1,1,2-Trichlorotrifluo...	4.079	101	129695	0.965	ppbv	99
13) Ethanol	3.263	45	971	0.228	ppbv #	38
14) Bromoethene	3.382	108	44296	0.865	ppbv	92
15) Acetone	3.494	43	125642	0.971	ppbv	94
16) 1,3-Butadiene	3.005	39	59506	0.916	ppbv	94
17) tert-Butyl alcohol	3.903	59	50752	0.461	ppbv #	63
18) 1,1-Dichloroethene	3.899	96	54192	0.939	ppbv	94
19) Isopropyl Alcohol	3.600	45	27041	0.428	ppbv #	63
20) Methylene Chloride	3.944	84	51207	0.984	ppbv	86
21) Allyl Chloride	4.012	41	74238	0.831	ppbv	91
22) trans-1,2-Dichloroethene	4.459	96	52727	0.900	ppbv	95
23) Vinyl Acetate	4.639	43	37274	0.682	ppbv #	88
24) 1,1-Dichloroethane	4.575	63	112871	0.906	ppbv #	98
25) Ethyl Acetate	5.218	43	246211	0.949	ppbv #	96
26) Hexane	5.218	57	101160	0.958	ppbv	93
27) Carbon Disulfide	4.140	76	110948	0.839	ppbv #	92
28) Methyl tert-Butyl Ether	4.607	73	91773	0.916	ppbv	95
29) Chloroform	5.279	83	165654	0.978	ppbv	90
30) Cyclohexane	6.603	84	74790	0.842	ppbv	90
31) cis-1,2-Dichloroethene	5.086	61	85616	0.904	ppbv	96
32) 1,1,1-Trichloroethane	6.012	97	60216	0.410	ppbv #	20
34) 2-Butanone	4.803	43	118010	0.877	ppbv	97
35) Carbon Tetrachloride	6.018	117	2984	0.020	ppbv	96
36) Benzene	6.369	78	218775	0.993	ppbv	97
37) 1,2-Dichloroethane	5.809	62	114807	0.968	ppbv	96
38) Trichloroethene	7.285	130	122616	1.038	ppbv	95
39) 1,2-Dichloropropane	7.070	63	76644	0.907	ppbv	96
40) 1,4-Dioxane	7.272	88	141	0.004	ppbv #	1
41) Tetrahydrofuran	5.581	42	70154	0.813	ppbv	89
42) Bromodichloromethane	7.243	83	146578	0.899	ppbv #	95
43) Methyl Methacrylate	7.478	69	61356	0.774	ppbv #	77
44) 2,2,4-Trimethylpentane	7.324	57	375619	1.006	ppbv	98
45) t-1,3-Dichloropropene	8.703	75	46249	0.705	ppbv	91

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

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC001

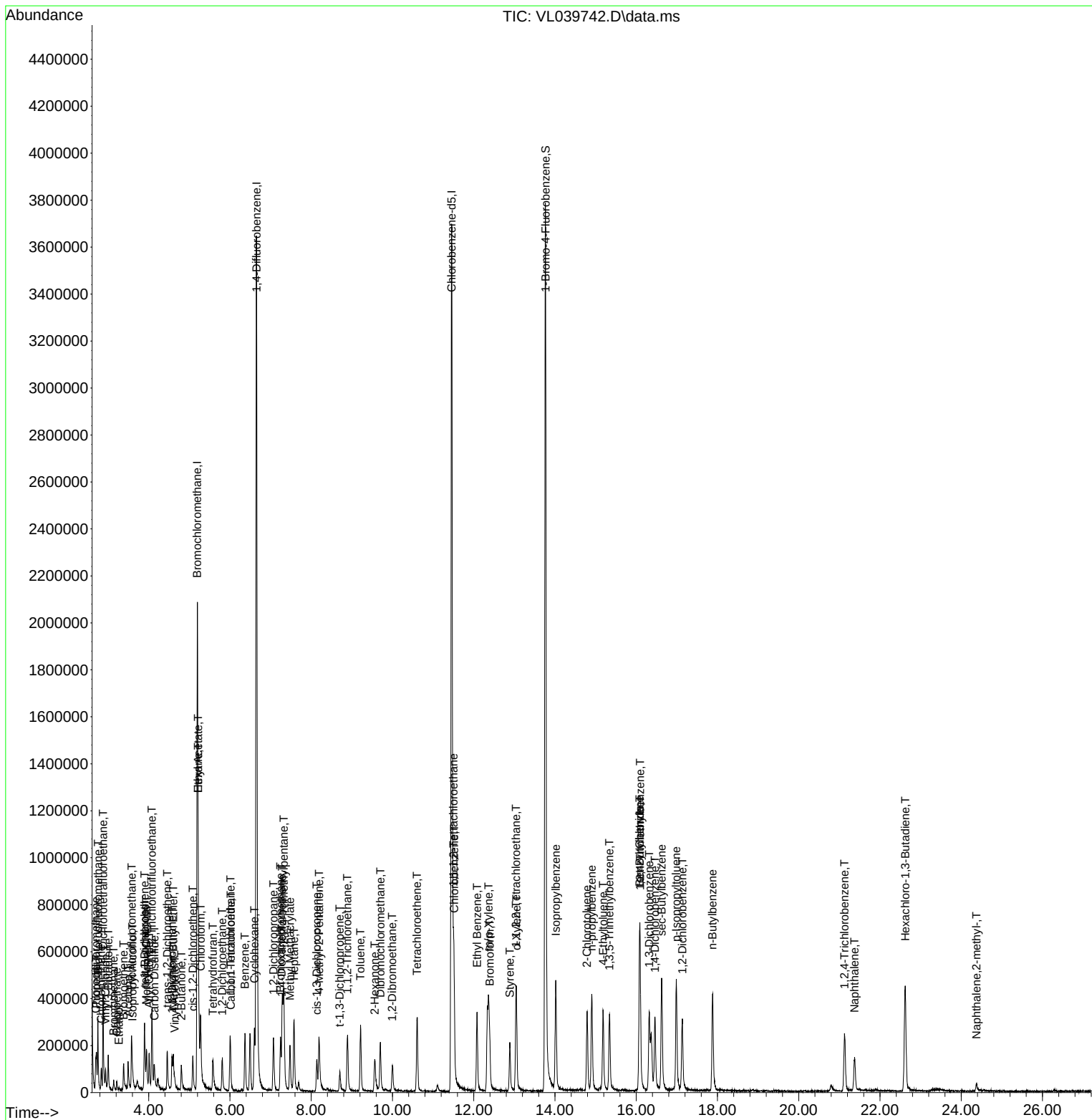
Quant Time: Oct 22 03:03:02 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL102122AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Sat Oct 22 02:12:34 2022
 Response via : Initial Calibration

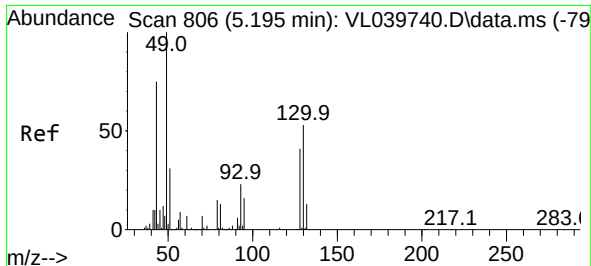
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.140	75	75670	0.814	ppbv #	95
47) 1,1,2-Trichloroethane	8.886	97	38246	0.417	ppbv	91
48) Dibromochloromethane	9.703	129	126272	0.912	ppbv	98
49) Bromoform	12.394	173	87945	0.789	ppbv	92
50) 4-Methyl-2-Pentanone	8.195	43	198937	0.906	ppbv	99
51) 2-Hexanone	9.565	43	125935	0.800	ppbv #	97
52) Tetrachloroethene	10.603	164	39561	0.498	ppbv	92
53) Toluene	9.214	91	222799	0.937	ppbv	99
54) 1,2-Dibromoethane	9.996	107	59086	0.640	ppbv	90
56) 1,1,1,2-Tetrachloroethane	11.504	131	104250	0.995	ppbv #	1
57) Chlorobenzene	11.516	112	196171	1.035	ppbv	98
58) Ethyl Benzene	12.082	91	282426	0.947	ppbv	91
59) m/p-Xylene	12.365	91	272826	1.035	ppbv #	40
60) o-Xylene	13.053	91	255299	1.012	ppbv	99
61) Styrene	12.889	104	112002	0.849	ppbv	96
62) Isopropylbenzene	14.021	105	381040	1.014	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.040	83	47494	0.493	ppbv #	10
64) n-propylbenzene	14.909	120	90414	0.958	ppbv	85
65) tert-Butylbenzene	16.082	119	335241	1.019	ppbv	96
66) Benzyl Chloride	16.082	91	270005	11.744	ppbv #	68
67) sec-Butylbenzene	16.629	105	462529	1.016	ppbv	100
69) p-Isopropyltoluene	16.982	119	369632	1.007	ppbv	98
70) n-Butylbenzene	17.879	91	344097	0.975	ppbv	98
71) 2-Chlorotoluene	14.790	91	263836	0.987	ppbv	97
72) 4-Ethyltoluene	15.182	105	267924	0.952	ppbv	96
73) 1,3,5-Trimethylbenzene	15.339	105	127106	0.485	ppbv	98
74) 1,2,4-Trimethylbenzene	16.095	105	290833	1.010	ppbv	95
75) 1,3-Dichlorobenzene	16.320	146	91625	0.532	ppbv #	28
76) 1,4-Dichlorobenzene	16.462	146	96512	0.573	ppbv #	39
77) 1,2-Dichlorobenzene	17.137	146	156104	0.932	ppbv	95
78) Hexachloro-1,3-Butadiene	22.622	225	95999	0.793	ppbv #	71
79) Naphthalene	21.375	128	96004	0.570	ppbv #	89
80) Naphthalene,2-methyl-	24.374	142	24996	0.497	ppbv	89
81) 1,2,4-Trichlorobenzene	21.127	180	106466	0.943	ppbv #	100

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

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

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

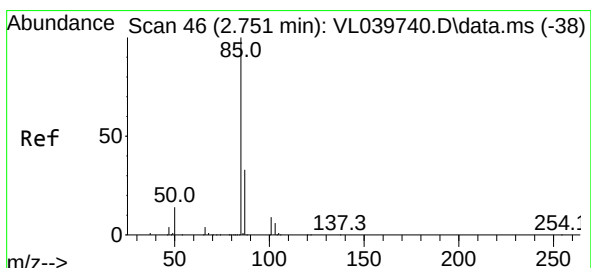
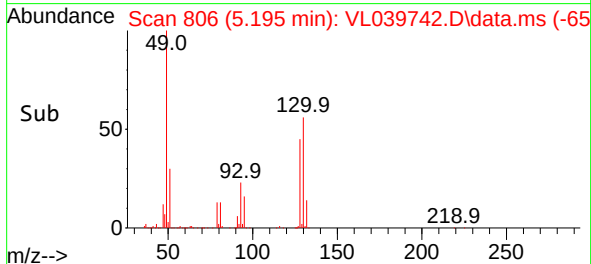
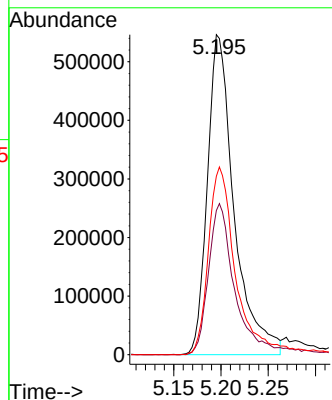
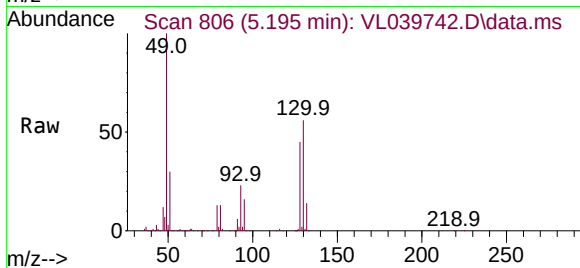




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.195 min Scan# 806
Delta R.T. 0.000 min
Lab File: VL039742.D
Acq: 21 Oct 2022 11:21

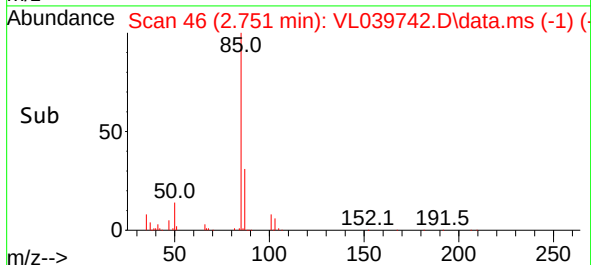
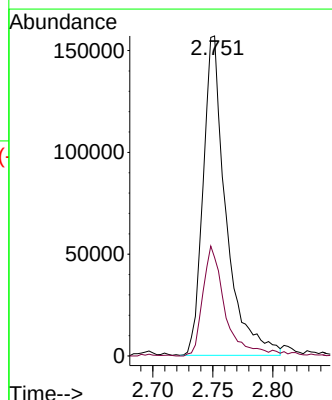
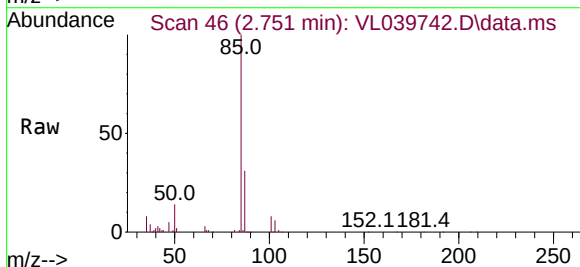
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MSVOA_L
ClientSampleId :
VSTDIC001

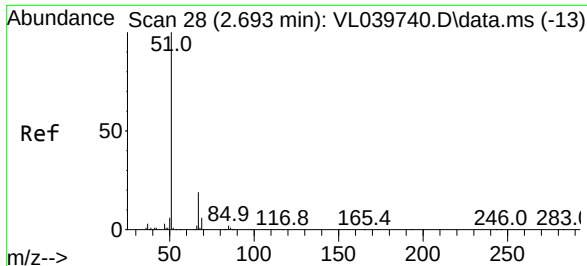
Tgt Ion: 49 Resp: 1072210
Ion Ratio Lower Upper
49 100
128 48.3 22.6 67.8
130 63.0 29.0 87.0



#2
Dichlorodifluoromethane
Concen: 1.160 ppbv
RT: 2.751 min Scan# 46
Delta R.T. 0.000 min
Lab File: VL039742.D
Acq: 21 Oct 2022 11:21

Tgt Ion: 85 Resp: 208260
Ion Ratio Lower Upper
85 100
87 30.8 26.6 40.0

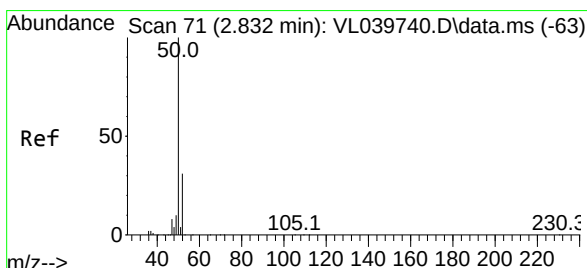
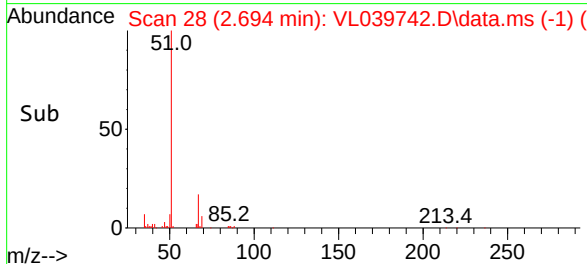
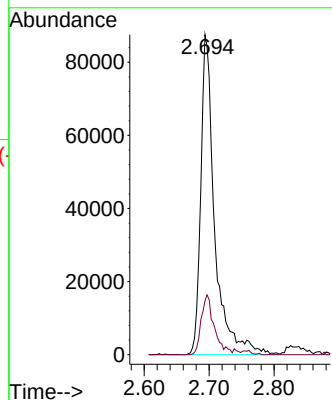
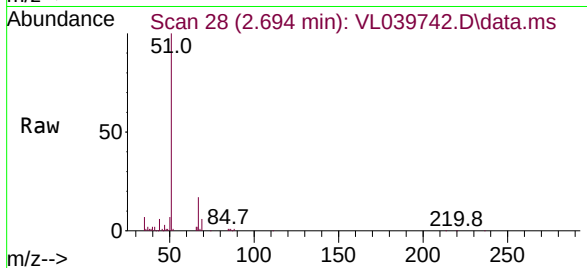




#3
Chlorodifluoromethane
Concen: 0.957 ppbv
RT: 2.694 min Scan# 21
Delta R.T. 0.000 min
Lab File: VL039742.D
Acq: 21 Oct 2022 11:21

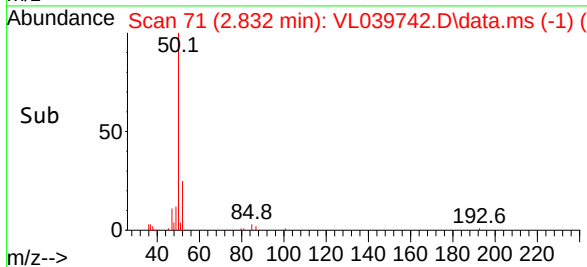
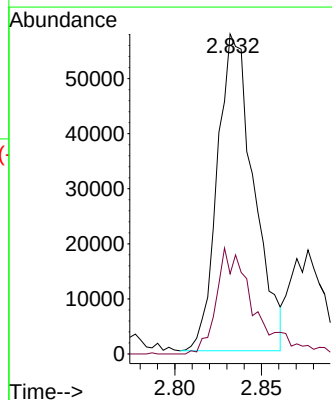
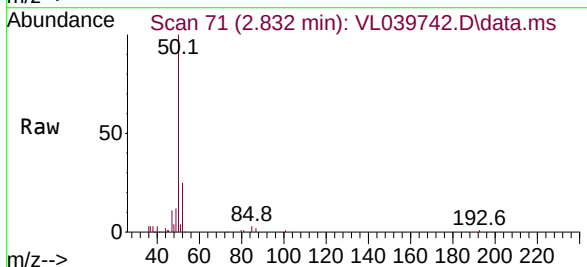
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

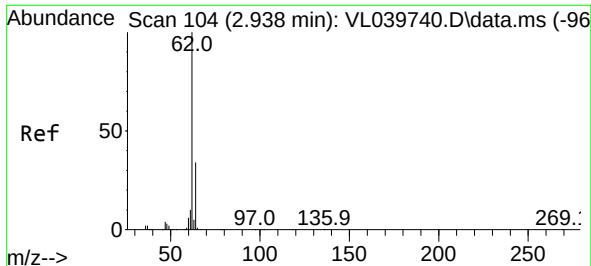
Tgt Ion: 51 Resp: 130726
Ion Ratio Lower Upper
51 100
67 18.8 14.6 21.8



#4
Chloromethane
Concen: 0.982 ppbv
RT: 2.832 min Scan# 71
Delta R.T. 0.000 min
Lab File: VL039742.D
Acq: 21 Oct 2022 11:21

Tgt Ion: 50 Resp: 83935
Ion Ratio Lower Upper
50 100
52 25.3 24.8 37.2

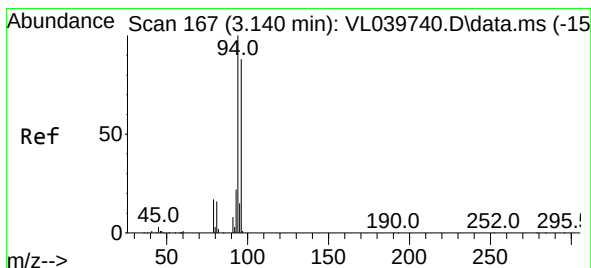
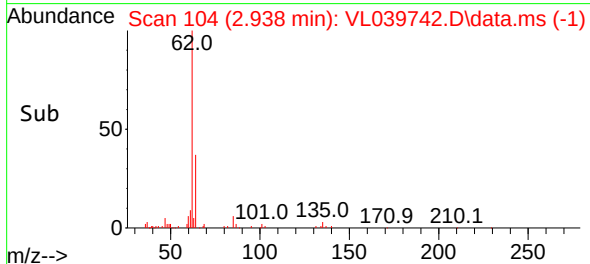
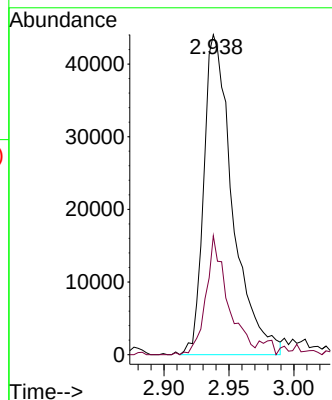
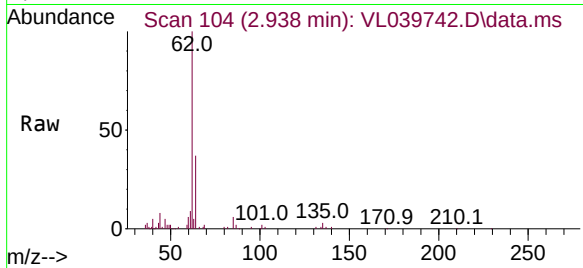




#5
 Vinyl Chloride
 Concen: 1.016 ppbv
 RT: 2.938 min Scan# 104
 Delta R.T. 0.000 min
 Lab File: VL039742.D
 Acq: 21 Oct 2022 11:21

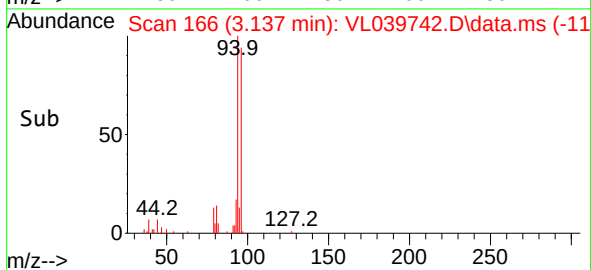
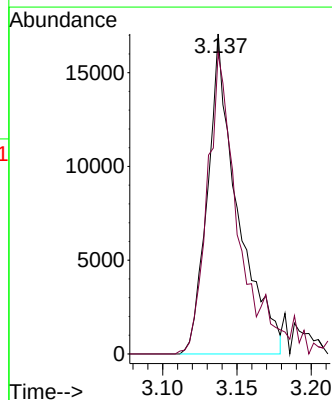
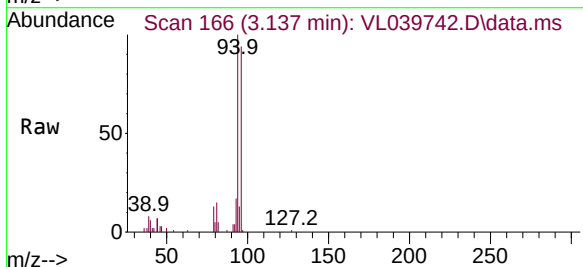
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDIC001

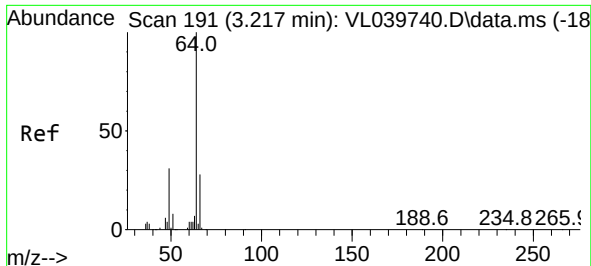
Tgt Ion: 62 Resp: 68204
 Ion Ratio Lower Upper
 62 100
 64 37.3 27.1 40.7



#6
 Bromomethane
 Concen: 0.963 ppbv
 RT: 3.137 min Scan# 166
 Delta R.T. -0.003 min
 Lab File: VL039742.D
 Acq: 21 Oct 2022 11:21

Tgt Ion: 94 Resp: 23938
 Ion Ratio Lower Upper
 94 100
 96 93.1 70.5 105.7

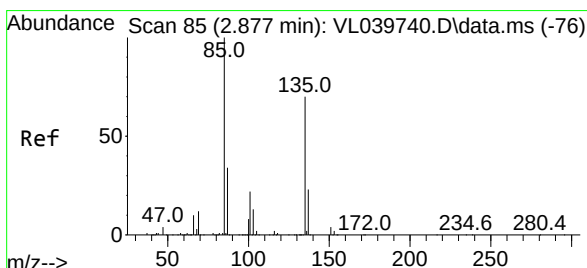
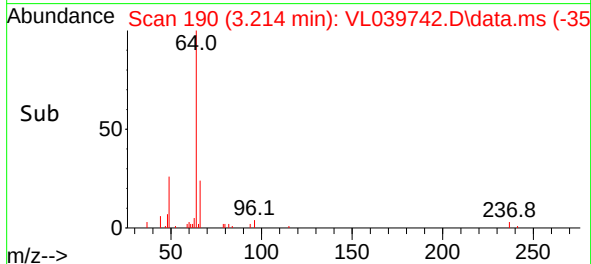
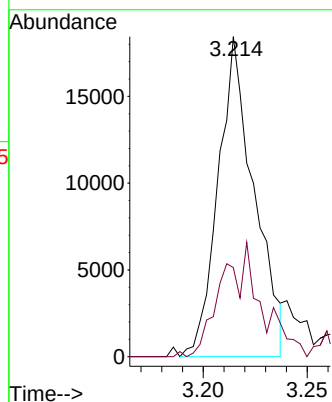
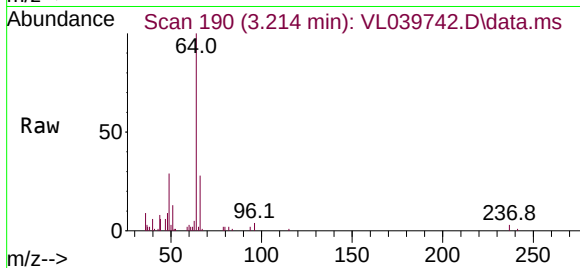




#7
Chloroethane
Concen: 0.891 ppbv
RT: 3.214 min Scan# 191
Delta R.T. -0.003 min
Lab File: VL039742.D
Acq: 21 Oct 2022 11:21

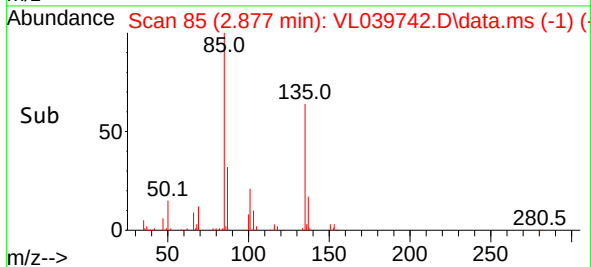
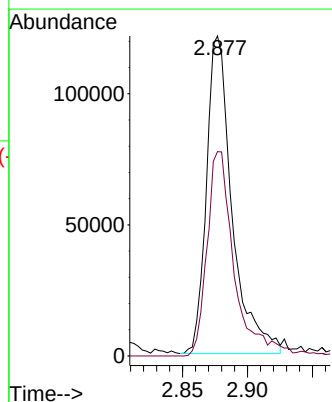
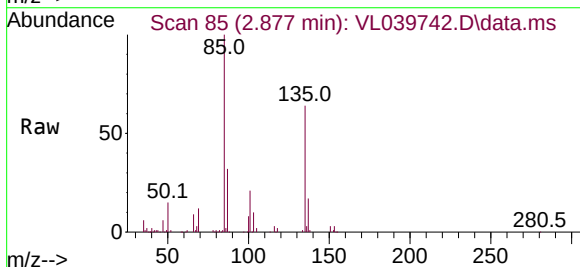
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MSVOA_L
ClientSampleId :
VSTDIC001

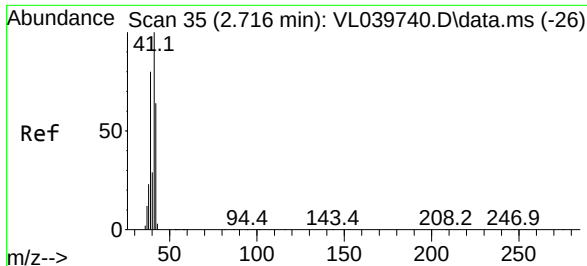
Tgt Ion: 64 Resp: 22163
Ion Ratio Lower Upper
64 100
66 27.8 22.6 34.0



#8
Dichlorotetrafluoroethane
Concen: 1.000 ppbv
RT: 2.877 min Scan# 85
Delta R.T. 0.000 min
Lab File: VL039742.D
Acq: 21 Oct 2022 11:21

Tgt Ion: 85 Resp: 166627
Ion Ratio Lower Upper
85 100
135 69.4 56.1 84.1





#9

Propene

Concen: 0.894 ppbv

RT: 2.716 min Scan# 31

Delta R.T. 0.000 min

Lab File: VL039742.D

Acq: 21 Oct 2022 11:21

Instrument :

MSVOA_1

ClientSampleId :

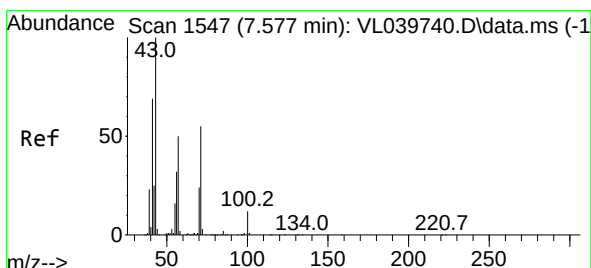
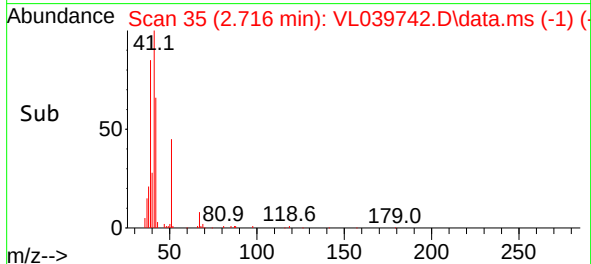
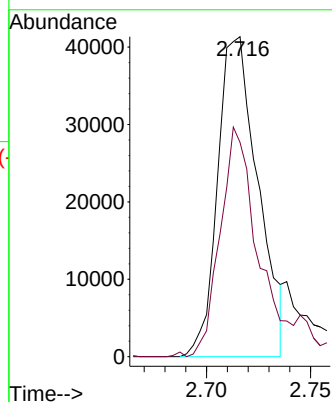
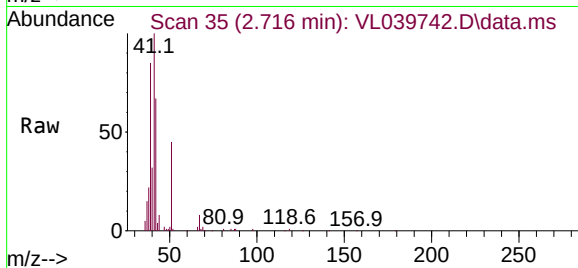
VSTDIC001

Tgt Ion: 41 Resp: 55761

Ion Ratio Lower Upper

41 100

42 78.1 54.4 81.6



#10

Heptane

Concen: 0.485 ppbv

RT: 7.581 min Scan# 1548

Delta R.T. 0.003 min

Lab File: VL039742.D

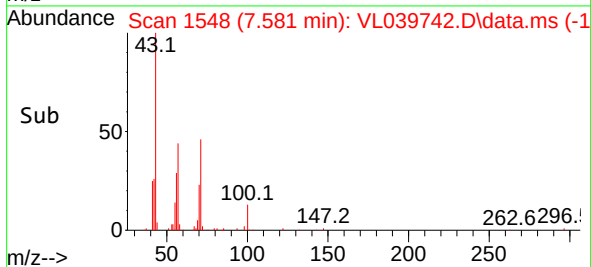
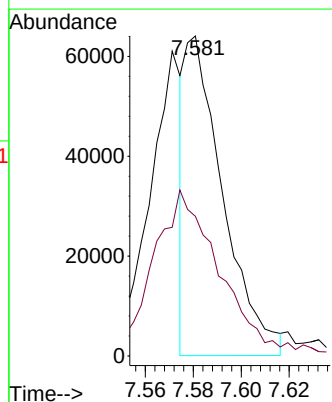
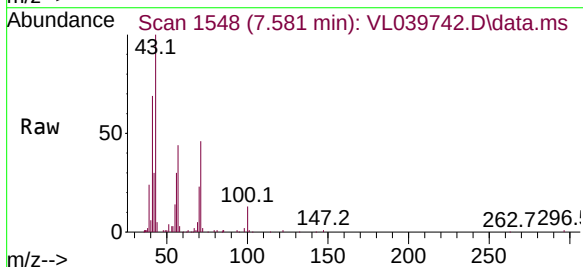
Acq: 21 Oct 2022 11:21

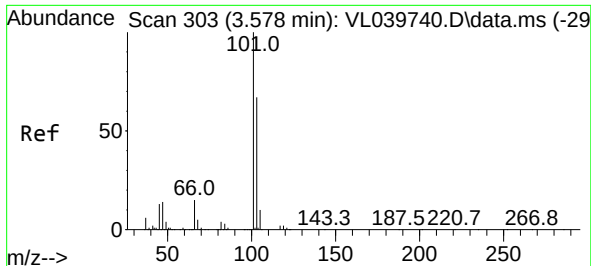
Tgt Ion: 43 Resp: 70265

Ion Ratio Lower Upper

43 100

57 0.0 40.0 60.0#

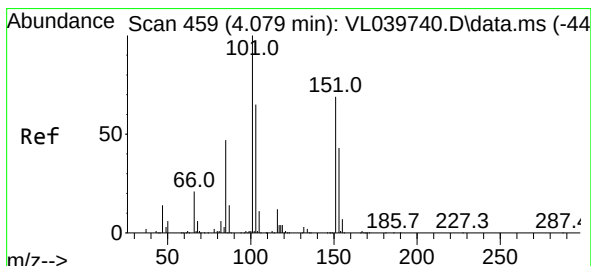
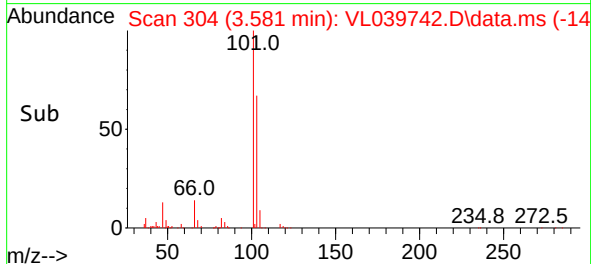
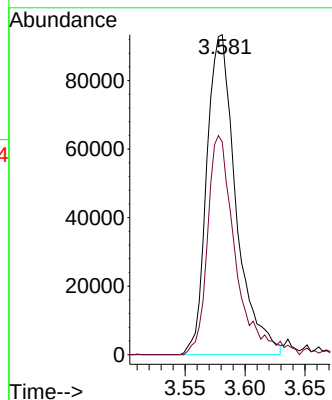
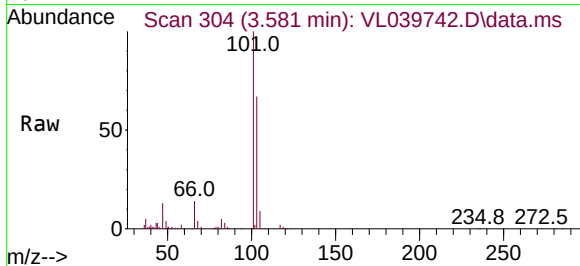




#11
 Trichlorofluoromethane
 Concen: 0.946 ppbv
 RT: 3.581 min Scan# 303
 Delta R.T. 0.003 min
 Lab File: VL039742.D
 Acq: 21 Oct 2022 11:21

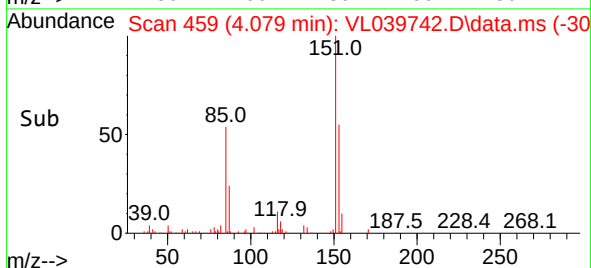
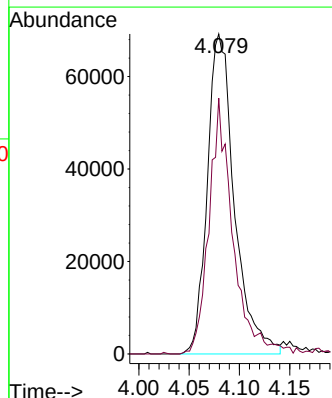
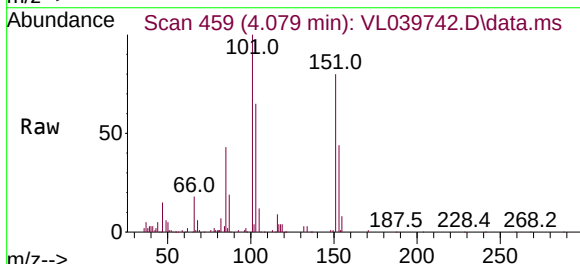
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC001

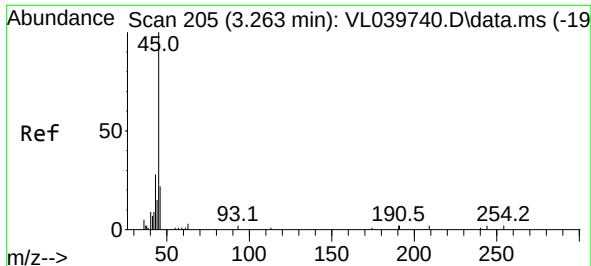
Tgt Ion:101 Resp: 158148
 Ion Ratio Lower Upper
 101 100
 103 66.5 53.2 79.8



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.965 ppbv
 RT: 4.079 min Scan# 459
 Delta R.T. 0.000 min
 Lab File: VL039742.D
 Acq: 21 Oct 2022 11:21

Tgt Ion:101 Resp: 129695
 Ion Ratio Lower Upper
 101 100
 151 71.5 58.0 87.0

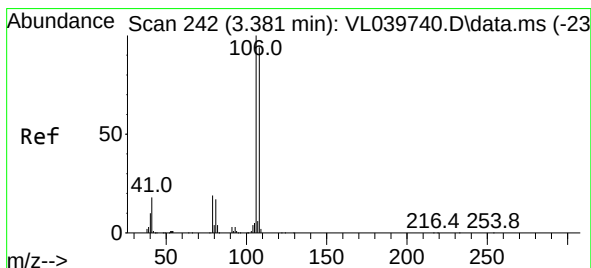
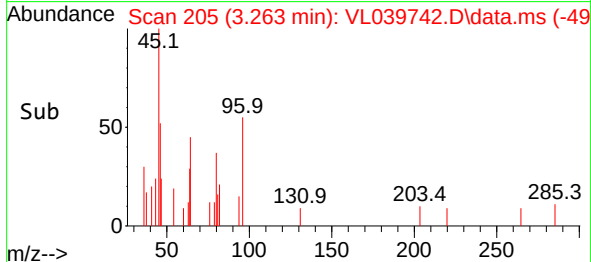
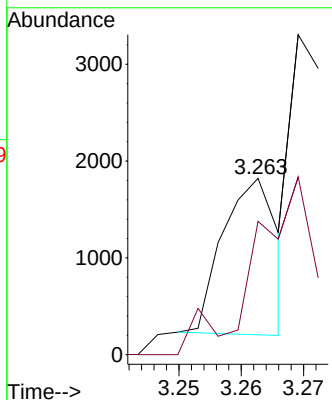
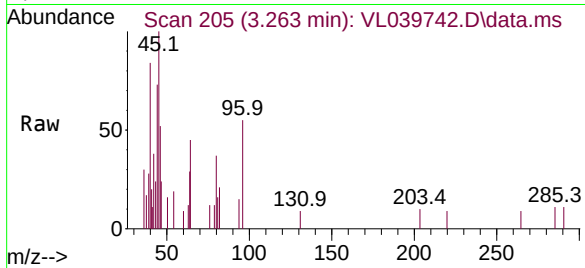




#13
Ethanol
Concen: 0.228 ppbv
RT: 3.263 min Scan# 205
Delta R.T. 0.000 min
Lab File: VL039742.D
Acq: 21 Oct 2022 11:21

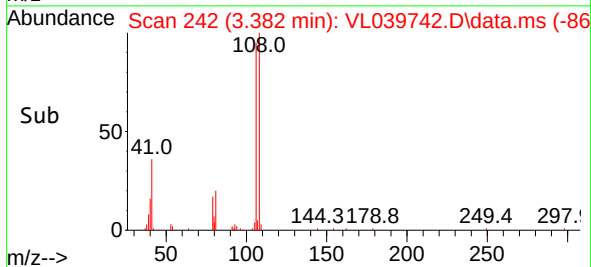
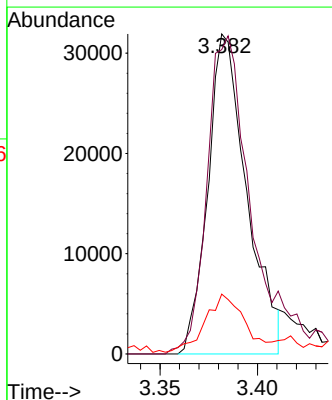
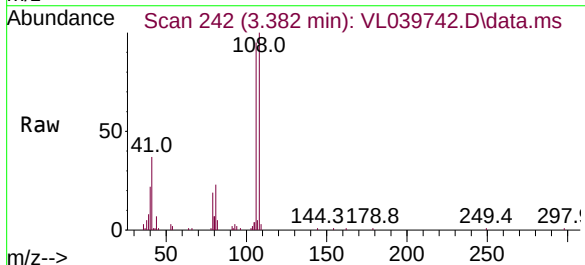
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

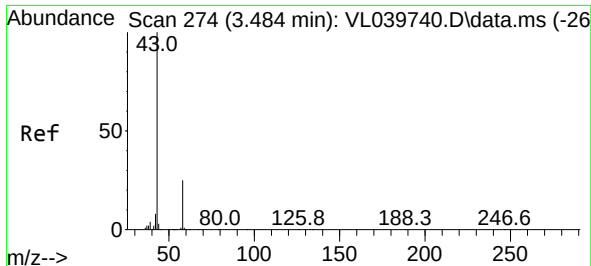
Tgt Ion: 45 Resp: 971
Ion Ratio Lower Upper
45 100
46 0.0 14.8 59.2#



#14
Bromoethene
Concen: 0.865 ppbv
RT: 3.382 min Scan# 242
Delta R.T. 0.000 min
Lab File: VL039742.D
Acq: 21 Oct 2022 11:21

Tgt Ion: 108 Resp: 44296
Ion Ratio Lower Upper
108 100
106 120.9 90.2 135.4
79 24.2 16.2 24.2

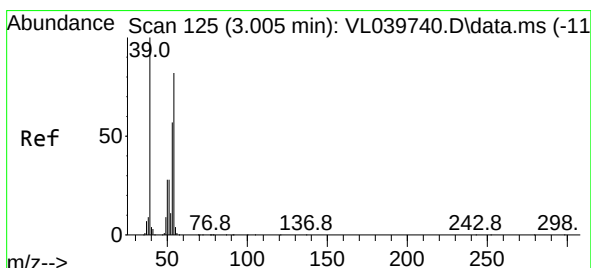
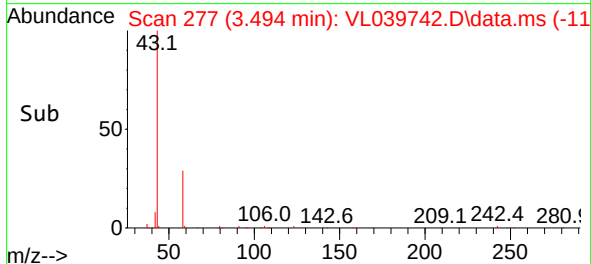
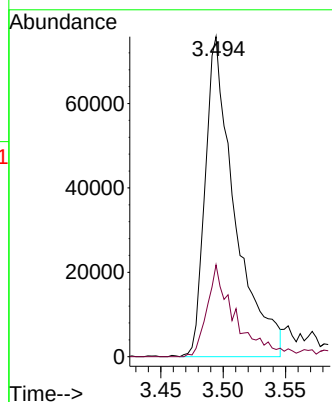
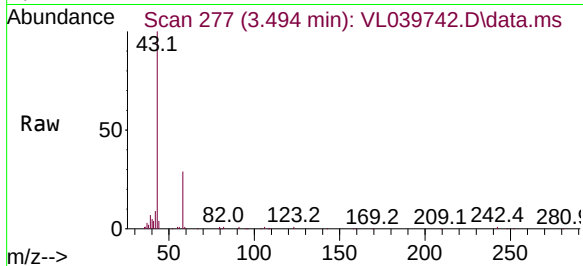




#15
Acetone
Concen: 0.971 ppbv
RT: 3.494 min Scan# 21
Delta R.T. 0.010 min
Lab File: VL039742.D
Acq: 21 Oct 2022 11:21

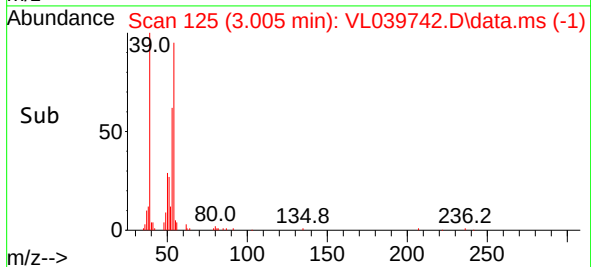
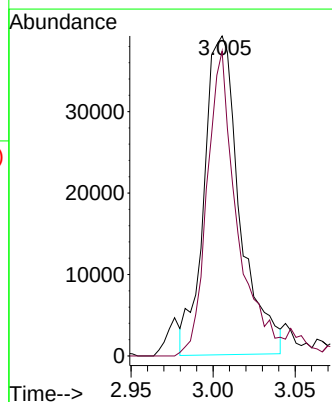
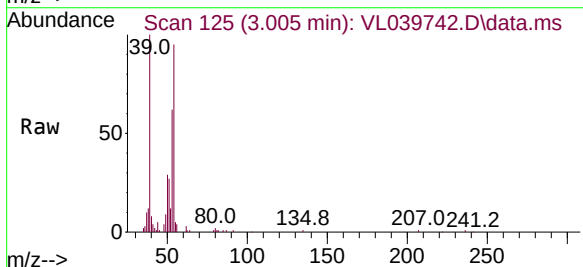
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

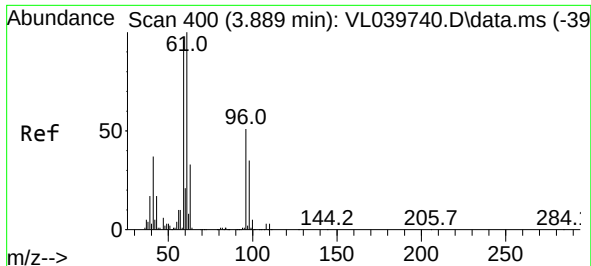
Tgt Ion: 43 Resp: 125642
Ion Ratio Lower Upper
43 100
58 28.9 20.9 31.3



#16
1,3-Butadiene
Concen: 0.916 ppbv
RT: 3.005 min Scan# 125
Delta R.T. 0.000 min
Lab File: VL039742.D
Acq: 21 Oct 2022 11:21

Tgt Ion: 39 Resp: 59506
Ion Ratio Lower Upper
39 100
54 86.6 65.2 97.8





#17

tert-Butyl alcohol

Concen: 0.461 ppbv

RT: 3.903 min Scan# 404

Delta R.T. 0.013 min

Lab File: VL039742.D

Acq: 21 Oct 2022 11:21

Instrument :

MSVOA_L

ClientSampleId :

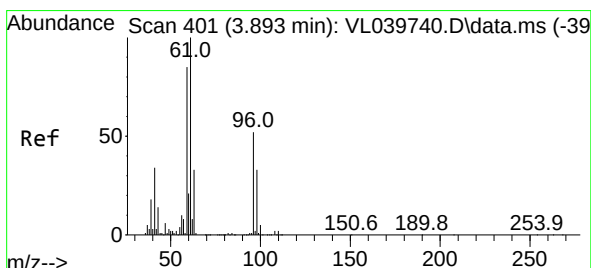
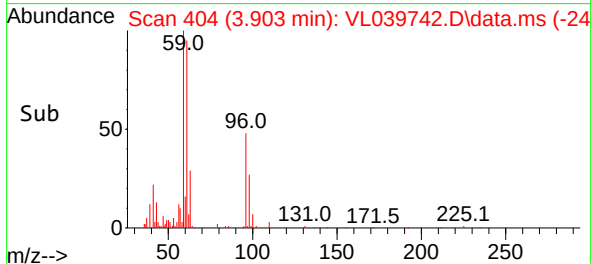
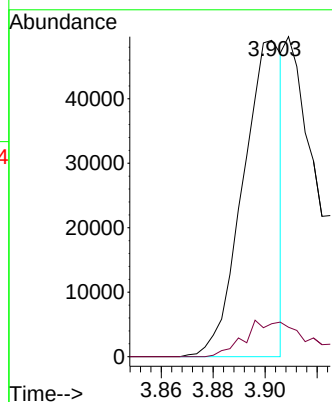
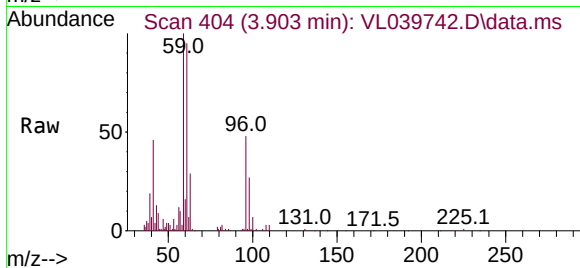
VSTDIC001

Tgt Ion: 59 Resp: 50752

Ion Ratio Lower Upper

59 100

57 24.0 8.2 12.4#



#18

1,1-Dichloroethene

Concen: 0.939 ppbv

RT: 3.899 min Scan# 403

Delta R.T. 0.007 min

Lab File: VL039742.D

Acq: 21 Oct 2022 11:21

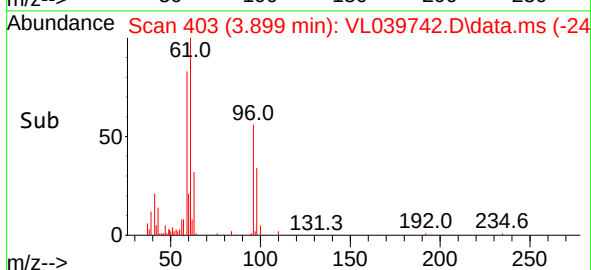
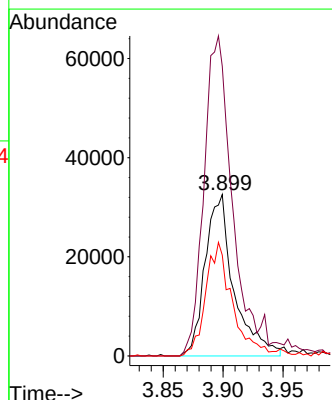
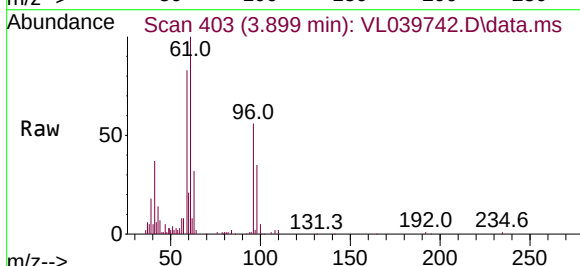
Tgt Ion: 96 Resp: 54192

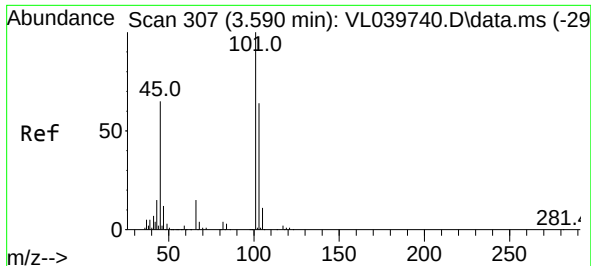
Ion Ratio Lower Upper

96 100

61 179.3 152.7 229.1

98 62.4 50.2 75.2

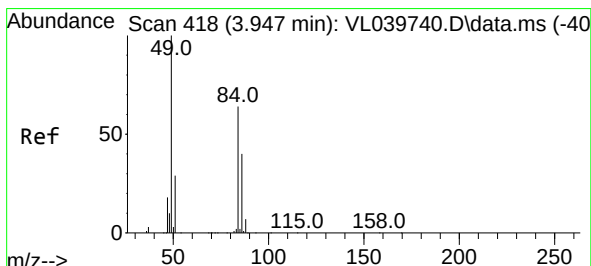
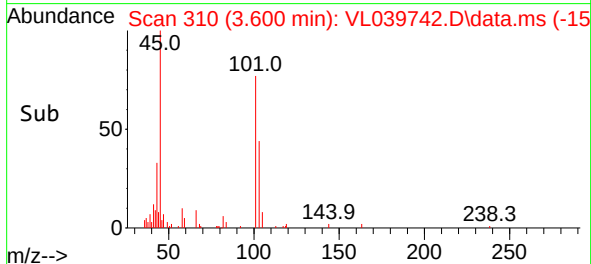
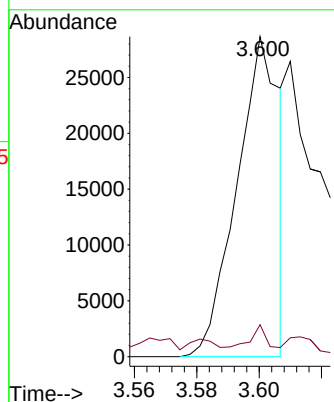
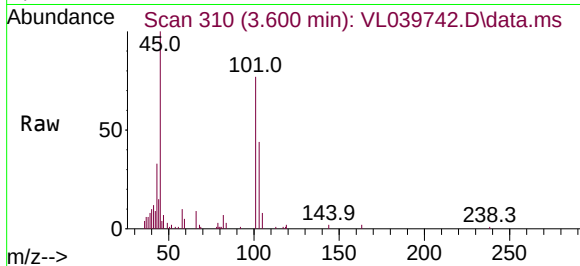




#19
Isopropyl Alcohol
Concen: 0.428 ppbv
RT: 3.600 min Scan# 310
Delta R.T. 0.010 min
Lab File: VL039742.D
Acq: 21 Oct 2022 11:21

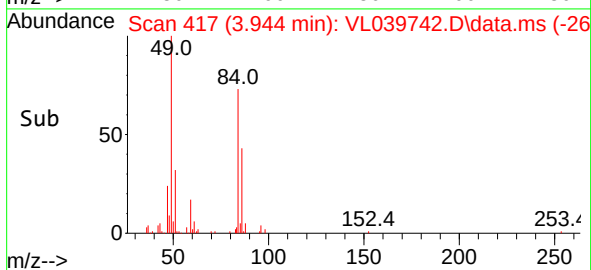
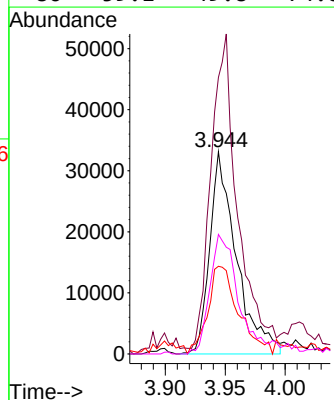
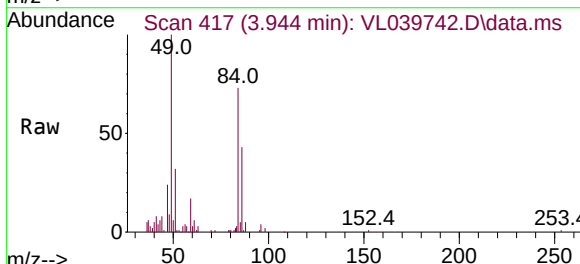
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

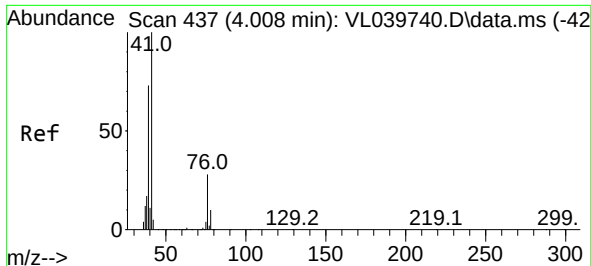
Tgt Ion: 45 Resp: 27041
Ion Ratio Lower Upper
45 100
58 16.4 3.3 4.9#



#20
Methylene Chloride
Concen: 0.984 ppbv
RT: 3.944 min Scan# 417
Delta R.T. -0.003 min
Lab File: VL039742.D
Acq: 21 Oct 2022 11:21

Tgt Ion: 84 Resp: 51207
Ion Ratio Lower Upper
84 100
49 130.8 124.2 186.4
51 39.8 36.6 54.8
86 59.1 49.8 74.8





#21

Allyl Chloride

Concen: 0.831 ppbv

RT: 4.012 min Scan# 41

Delta R.T. 0.003 min

Lab File: VL039742.D

Acq: 21 Oct 2022 11:21

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC001

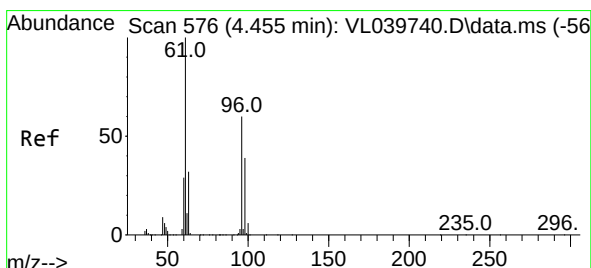
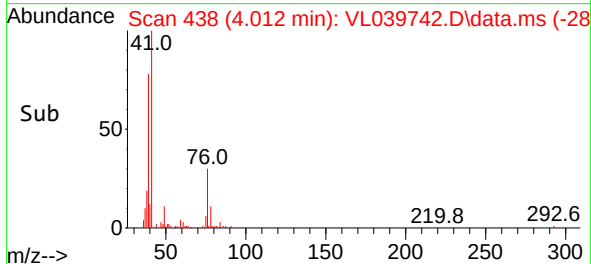
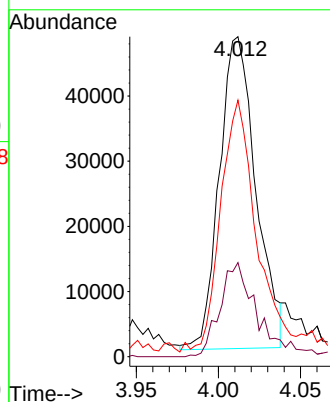
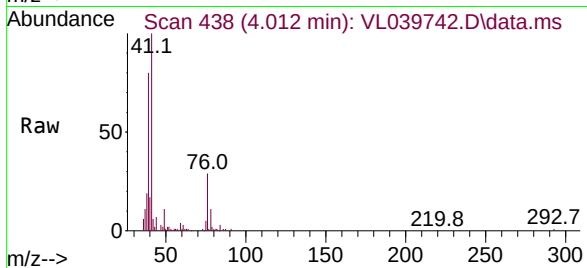
Tgt Ion: 41 Resp: 74238

Ion Ratio Lower Upper

41 100

76 32.0 23.5 35.3

39 94.1 67.4 101.2



#22

trans-1,2-Dichloroethene

Concen: 0.900 ppbv

RT: 4.459 min Scan# 577

Delta R.T. 0.003 min

Lab File: VL039742.D

Acq: 21 Oct 2022 11:21

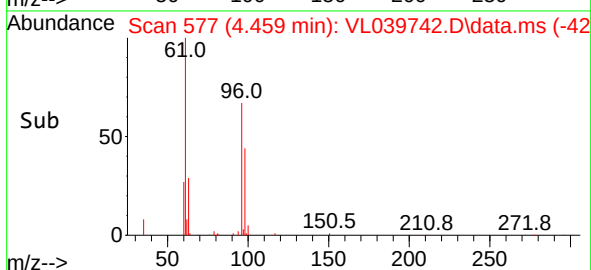
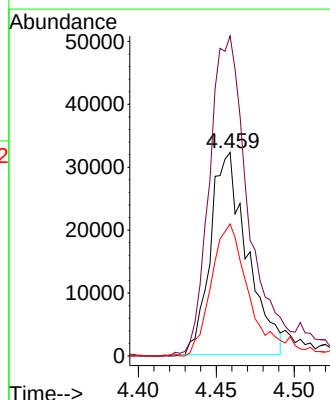
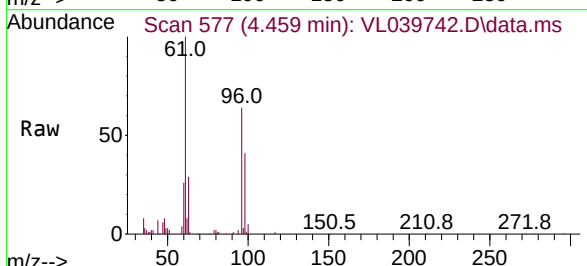
Tgt Ion: 96 Resp: 52727

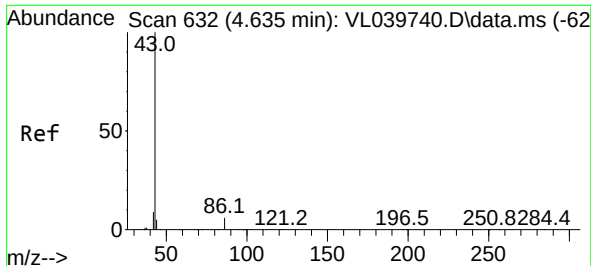
Ion Ratio Lower Upper

96 100

61 157.0 132.9 199.3

98 65.3 51.6 77.4

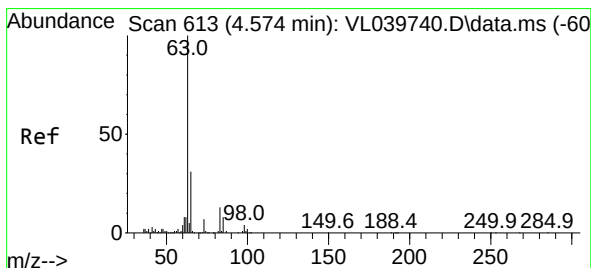
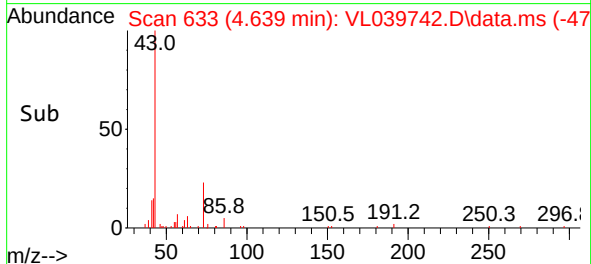
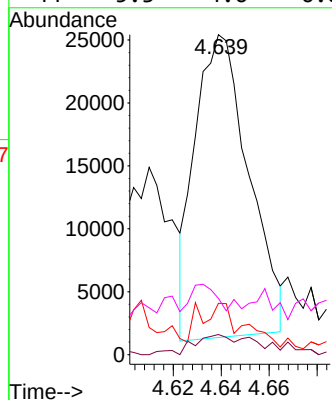
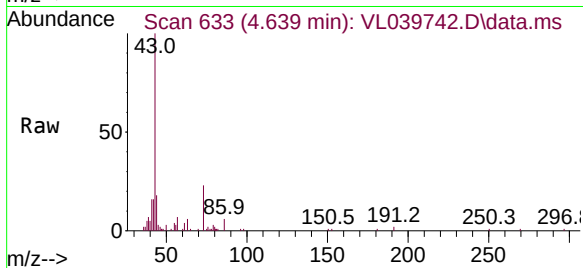




#23
 Vinyl Acetate
 Concen: 0.682 ppbv
 RT: 4.639 min Scan# 613
 Delta R.T. 0.003 min
 Lab File: VL039742.D
 Acq: 21 Oct 2022 11:21

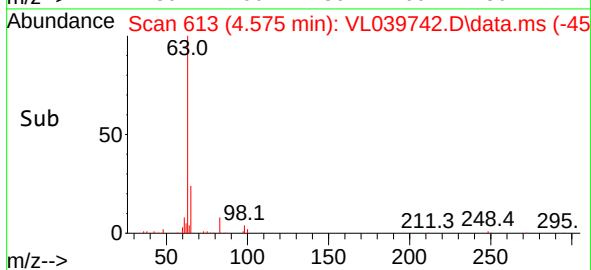
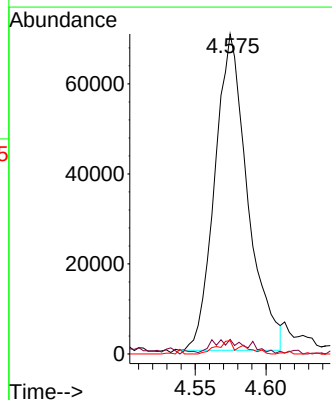
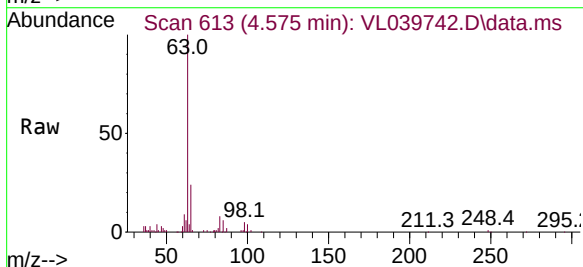
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDIC001

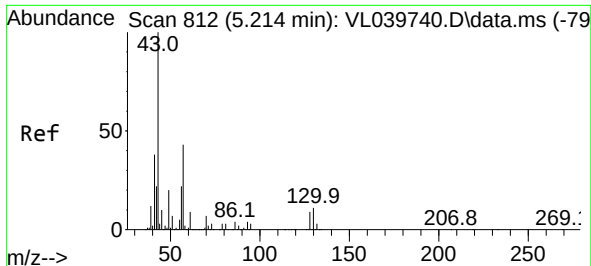
Tgt Ion:	43	Resp:	37274
Ion	Ratio	Lower	Upper
43	100		
86	8.0	4.3	6.5#
42	17.4	7.9	11.9#
44	5.3	4.6	6.8



#24
 1,1-Dichloroethane
 Concen: 0.906 ppbv
 RT: 4.575 min Scan# 613
 Delta R.T. 0.000 min
 Lab File: VL039742.D
 Acq: 21 Oct 2022 11:21

Tgt Ion:	63	Resp:	112871
Ion	Ratio	Lower	Upper
63	100		
98	4.6	2.1	6.5
100	3.8	1.2	3.6#



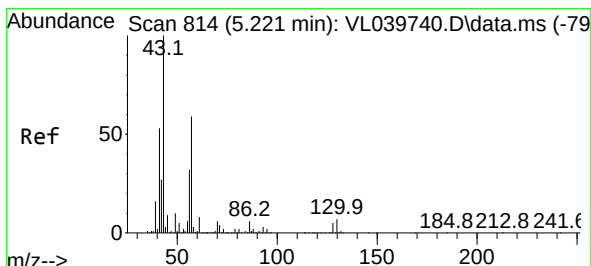
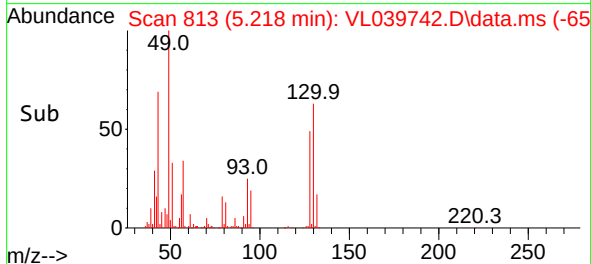
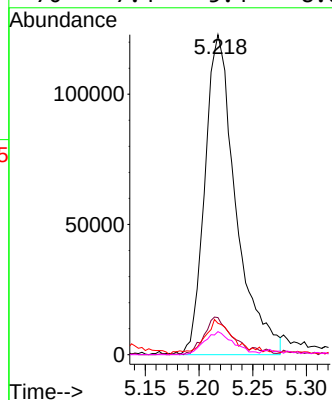
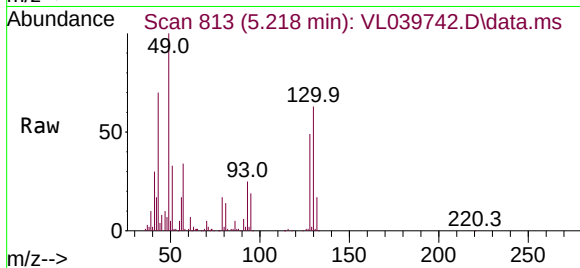


#25
Ethyl Acetate
Concen: 0.949 ppbv
RT: 5.218 min Scan# 812
Delta R.T. 0.003 min
Lab File: VL039742.D
Acq: 21 Oct 2022 11:21

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

Tgt Ion: 43 Resp: 246211

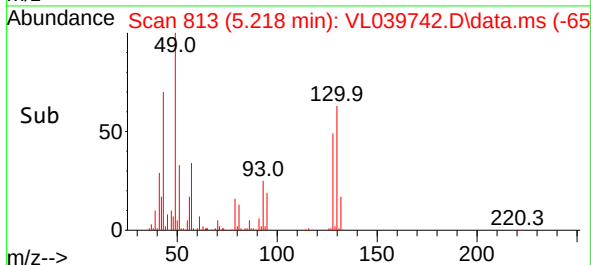
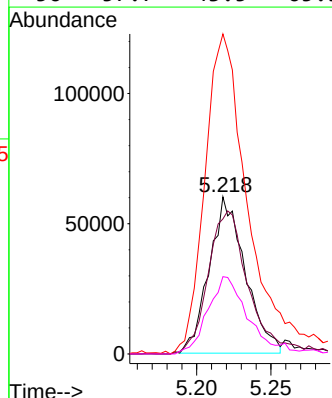
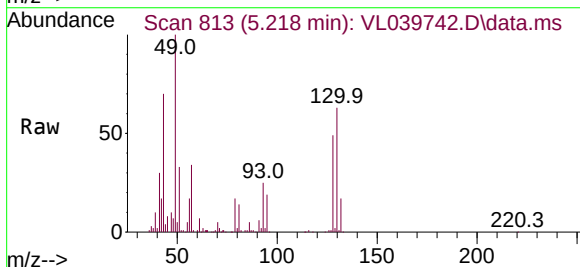
Ion	Ratio	Lower	Upper
43	100		
45	12.1	8.1	12.1#
61	10.7	7.5	11.3
70	7.4	5.4	8.0

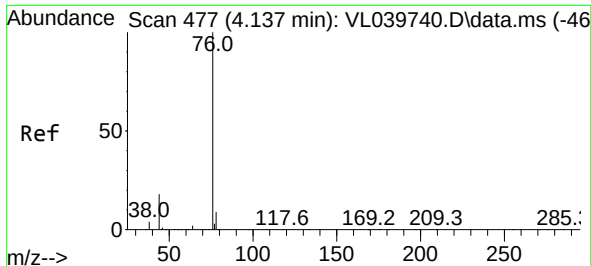


#26
Hexane
Concen: 0.958 ppbv
RT: 5.218 min Scan# 813
Delta R.T. -0.003 min
Lab File: VL039742.D
Acq: 21 Oct 2022 11:21

Tgt Ion: 57 Resp: 101160

Ion	Ratio	Lower	Upper
57	100		
41	106.5	76.8	115.2
43	262.0	201.0	301.4
56	57.7	43.5	65.3

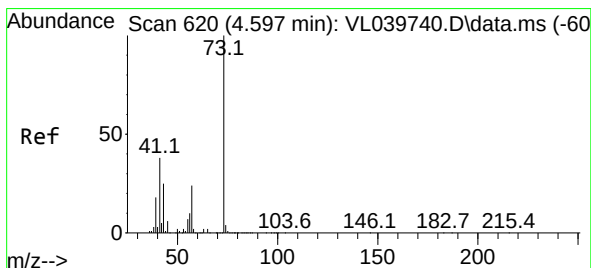
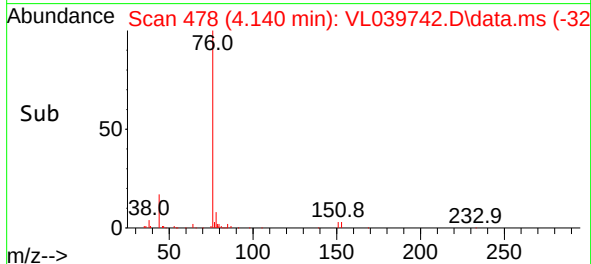
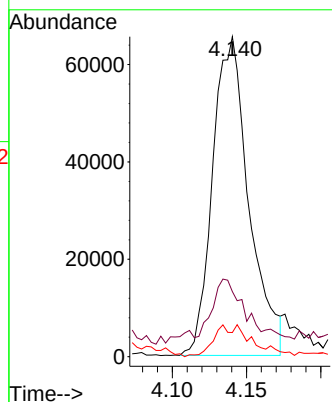
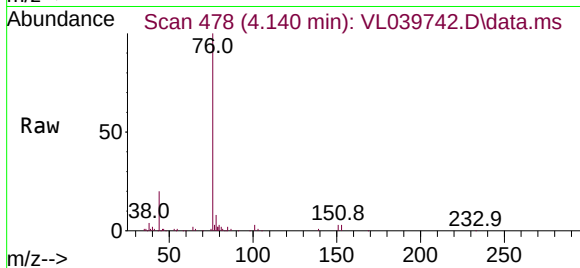




#27
Carbon Disulfide
Concen: 0.839 ppbv
RT: 4.140 min Scan# 41
Delta R.T. 0.003 min
Lab File: VL039742.D
Acq: 21 Oct 2022 11:21

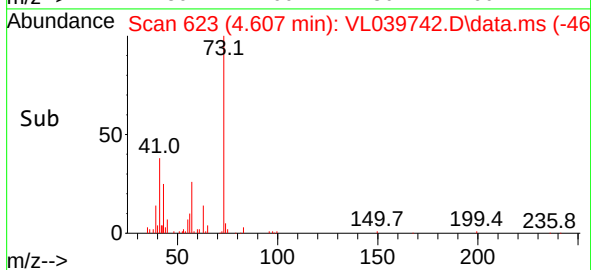
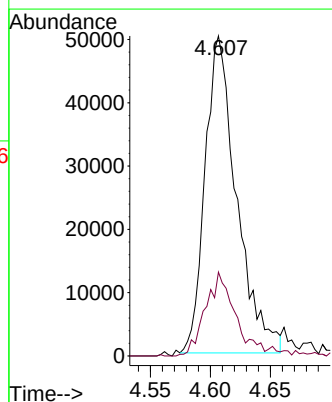
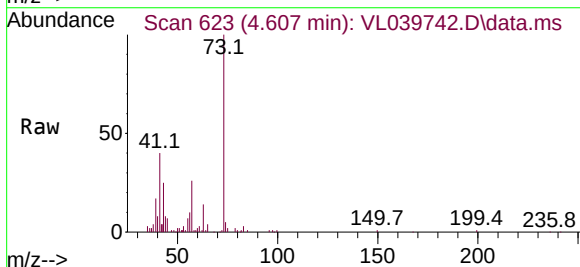
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

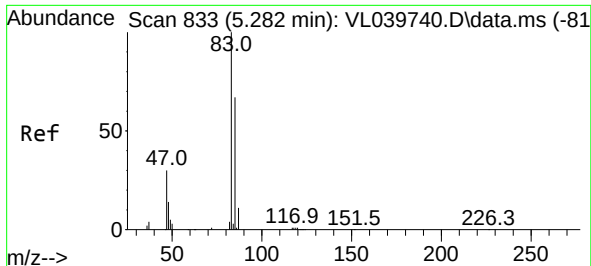
Tgt Ion: 76 Resp: 110948
Ion Ratio Lower Upper
76 100
44 22.3 14.5 21.7#
78 11.7 8.1 12.1



#28
Methyl tert-Butyl Ether
Concen: 0.916 ppbv
RT: 4.607 min Scan# 623
Delta R.T. 0.010 min
Lab File: VL039742.D
Acq: 21 Oct 2022 11:21

Tgt Ion: 73 Resp: 91773
Ion Ratio Lower Upper
73 100
57 26.7 19.4 29.2





#29

Chloroform

Concen: 0.978 ppbv

RT: 5.279 min Scan# 81

Delta R.T. -0.003 min

Lab File: VL039742.D

Acq: 21 Oct 2022 11:21

Instrument :

MSVOA_L

ClientSampleId :

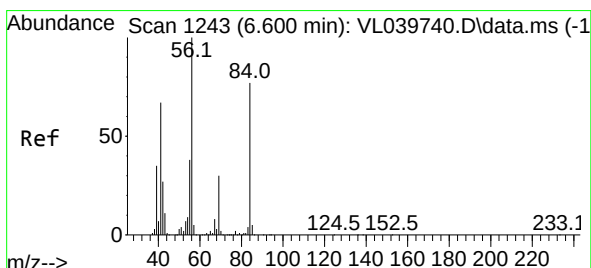
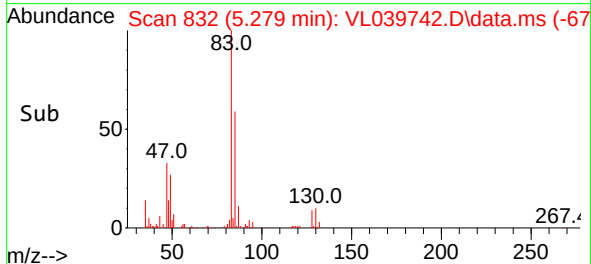
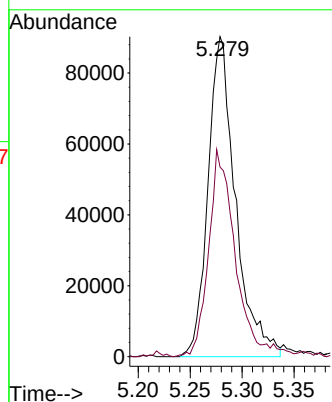
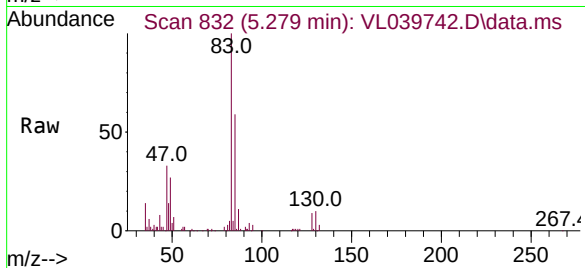
VSTDIC001

Tgt Ion: 83 Resp: 165654

Ion Ratio Lower Upper

83 100

85 58.7 53.5 80.3



#30

Cyclohexane

Concen: 0.842 ppbv

RT: 6.603 min Scan# 1244

Delta R.T. 0.003 min

Lab File: VL039742.D

Acq: 21 Oct 2022 11:21

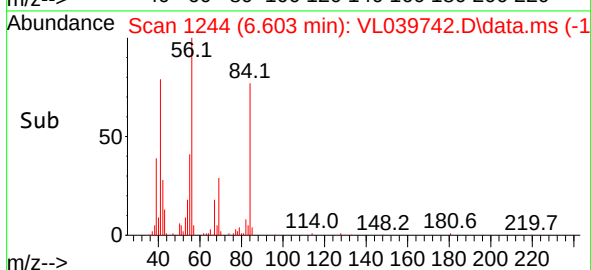
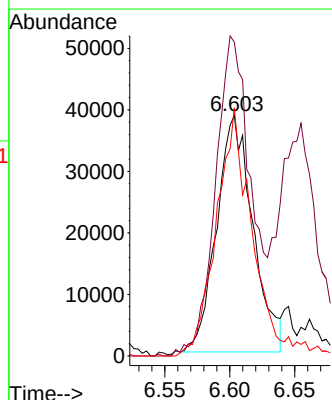
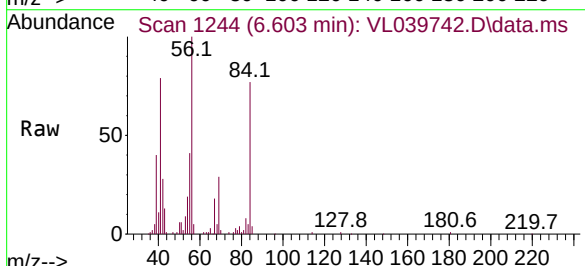
Tgt Ion: 84 Resp: 74790

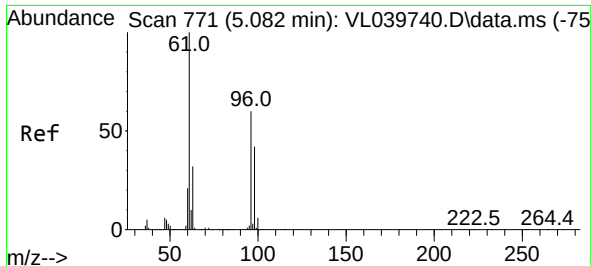
Ion Ratio Lower Upper

84 100

56 132.7 114.2 171.4

41 105.5 74.2 111.2

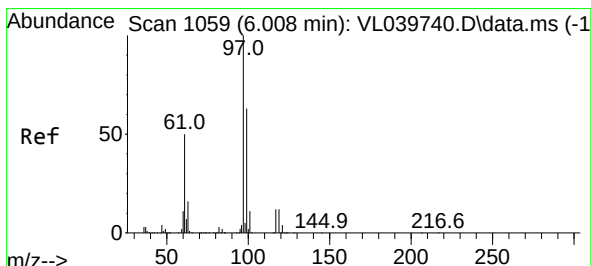
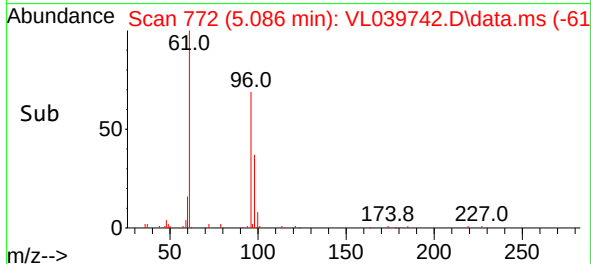
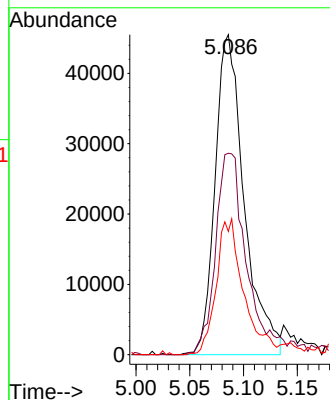
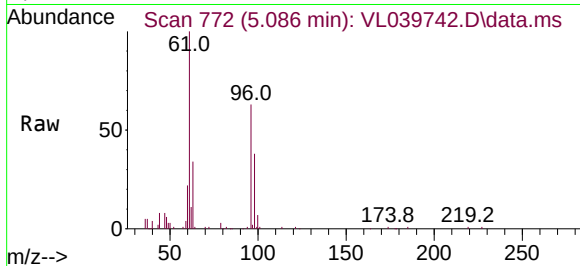




#31
 cis-1,2-Dichloroethene
 Concen: 0.904 ppbv
 RT: 5.086 min Scan# 71
 Delta R.T. 0.003 min
 Lab File: VL039742.D
 Acq: 21 Oct 2022 11:21

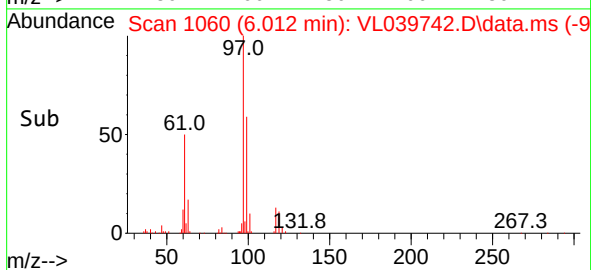
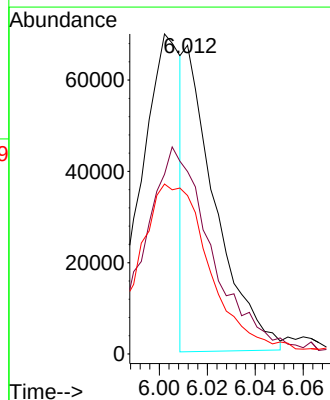
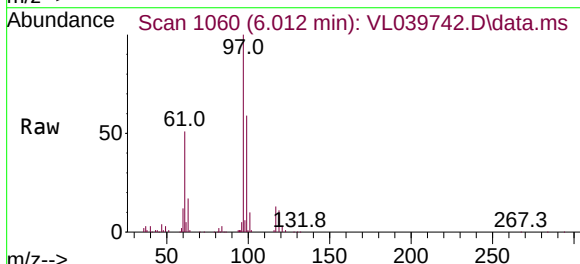
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC001

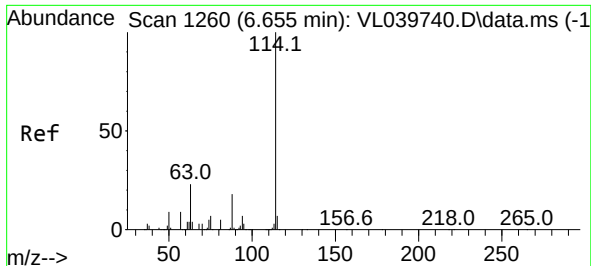
Tgt Ion: 61 Resp: 85616
 Ion Ratio Lower Upper
 61 100
 96 63.0 48.3 72.5
 98 38.5 33.2 49.8



#32
 1,1,1-Trichloroethane
 Concen: 0.410 ppbv
 RT: 6.012 min Scan# 1060
 Delta R.T. 0.003 min
 Lab File: VL039742.D
 Acq: 21 Oct 2022 11:21

Tgt Ion: 97 Resp: 60216
 Ion Ratio Lower Upper
 97 100
 99 0.0 53.0 79.4#
 61 0.0 43.3 64.9#





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.652 min Scan# 11

Delta R.T. -0.003 min

Lab File: VL039742.D

Acq: 21 Oct 2022 11:21

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC001

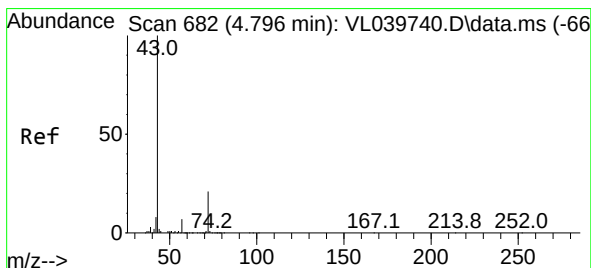
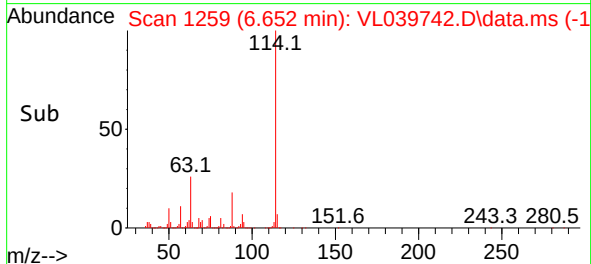
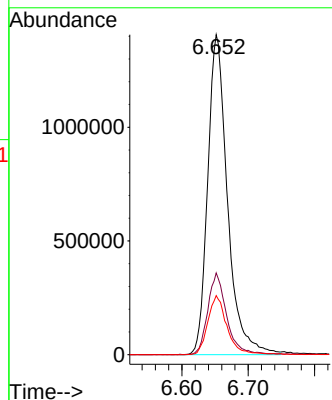
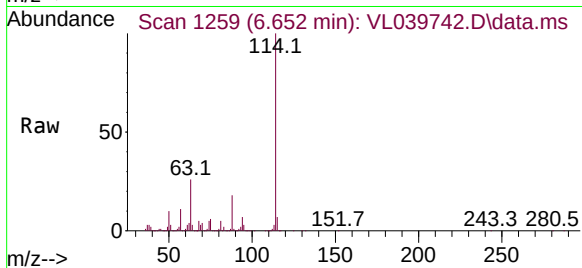
Tgt Ion:114 Resp: 2918767

Ion Ratio Lower Upper

114 100

63 24.8 19.8 29.6

88 18.1 14.2 21.4



#34

2-Butanone

Concen: 0.877 ppbv

RT: 4.803 min Scan# 684

Delta R.T. 0.007 min

Lab File: VL039742.D

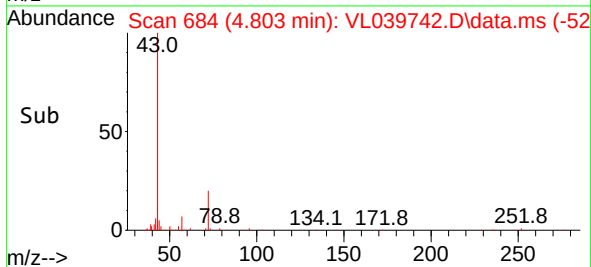
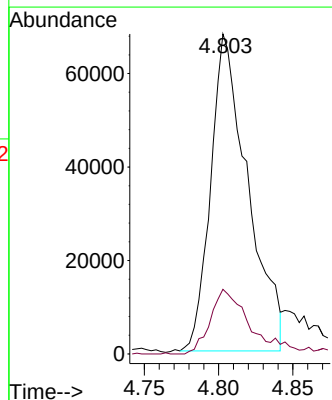
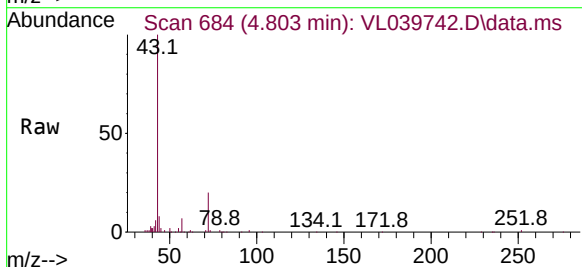
Acq: 21 Oct 2022 11:21

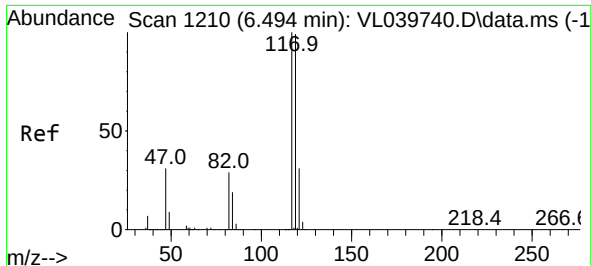
Tgt Ion: 43 Resp: 118010

Ion Ratio Lower Upper

43 100

72 23.0 17.1 25.7

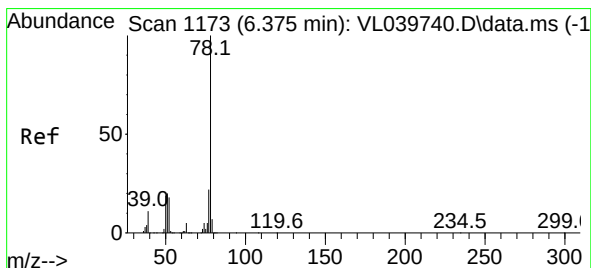
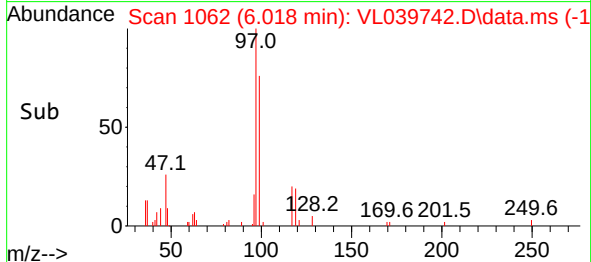
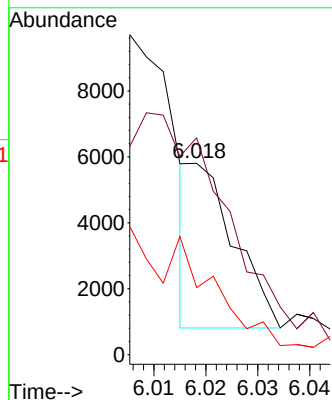
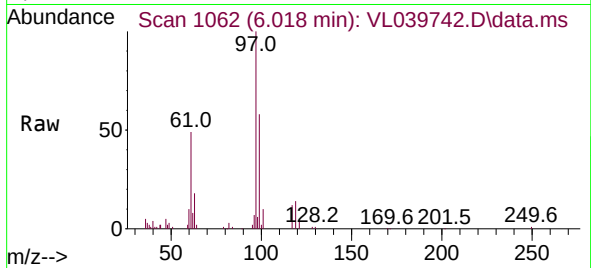




#35
Carbon Tetrachloride
Concen: 0.020 ppbv
RT: 6.018 min Scan# 1107
Delta R.T. -0.476 min
Lab File: VL039742.D
Acq: 21 Oct 2022 11:21

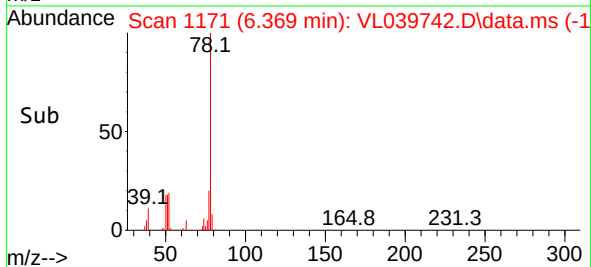
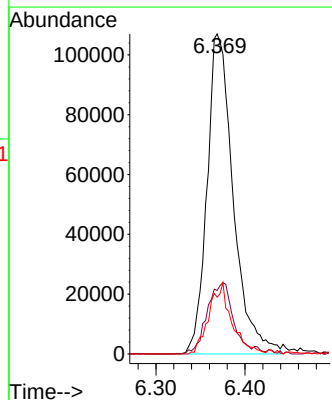
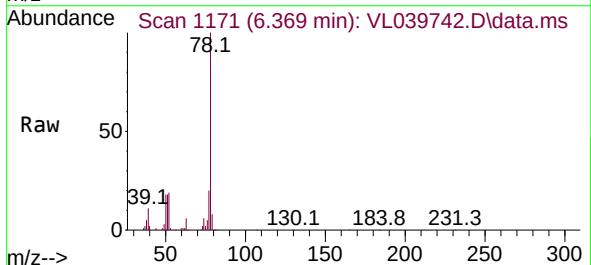
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC001

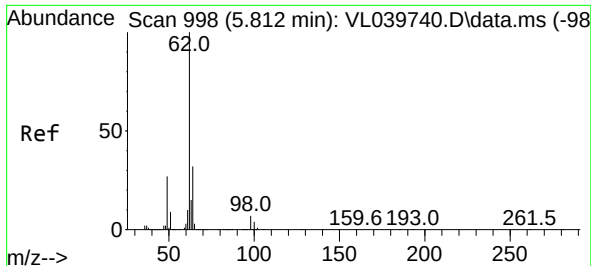
Tgt Ion:	117	Resp:	2984
Ion	Ratio	Lower	Upper
117	100		
119	102.6	79.2	118.8
121	35.1	25.0	37.6



#36
Benzene
Concen: 0.993 ppbv
RT: 6.369 min Scan# 1171
Delta R.T. -0.006 min
Lab File: VL039742.D
Acq: 21 Oct 2022 11:21

Tgt Ion:	78	Resp:	218775
Ion	Ratio	Lower	Upper
78	100		
77	19.9	17.3	25.9
50	17.5	14.9	22.3





#37

1,2-Dichloroethane

Concen: 0.968 ppbv

RT: 5.809 min Scan# 99

Delta R.T. -0.003 min

Lab File: VL039742.D

Acq: 21 Oct 2022 11:21

Instrument :

MSVOA_L

ClientSampleId :

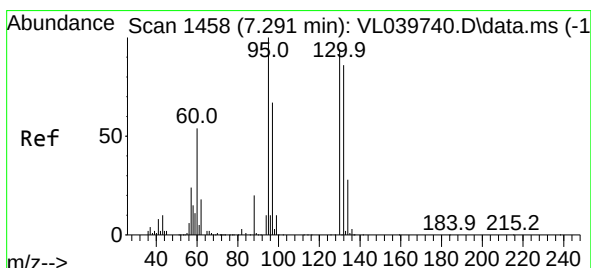
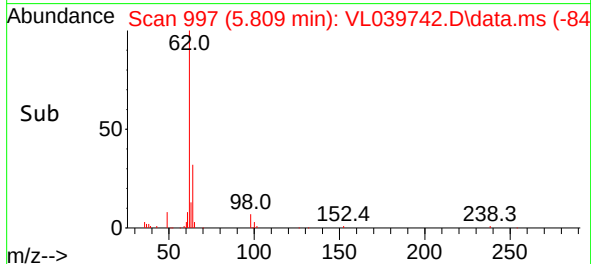
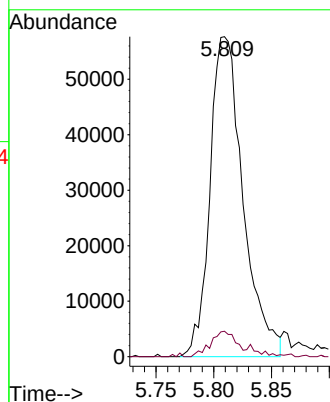
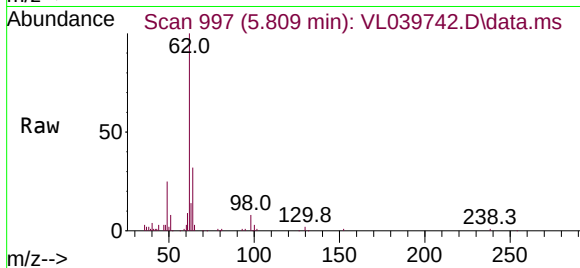
VSTDIC001

Tgt Ion: 62 Resp: 114807

Ion Ratio Lower Upper

62 100

98 7.9 5.4 8.0



#38

Trichloroethene

Concen: 1.038 ppbv

RT: 7.285 min Scan# 1456

Delta R.T. -0.006 min

Lab File: VL039742.D

Acq: 21 Oct 2022 11:21

Tgt Ion:130 Resp: 122616

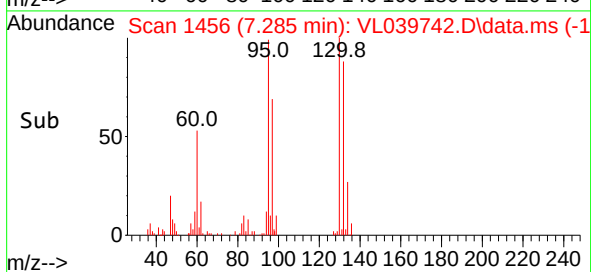
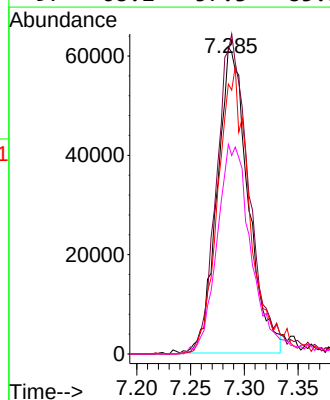
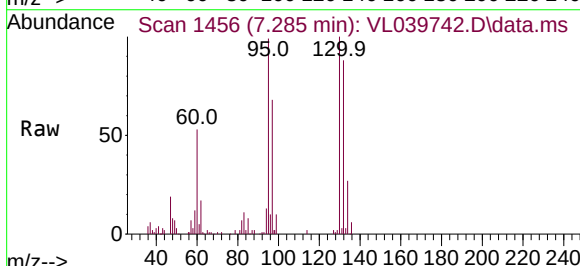
Ion Ratio Lower Upper

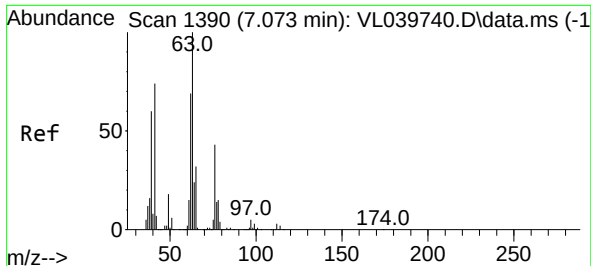
130 100

95 99.0 85.4 128.2

132 88.0 73.0 109.6

97 68.2 57.3 85.9





#39

1,2-Dichloropropane

Concen: 0.907 ppbv

RT: 7.070 min Scan# 1389

Delta R.T. -0.003 min

Lab File: VL039742.D

Acq: 21 Oct 2022 11:21

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC001

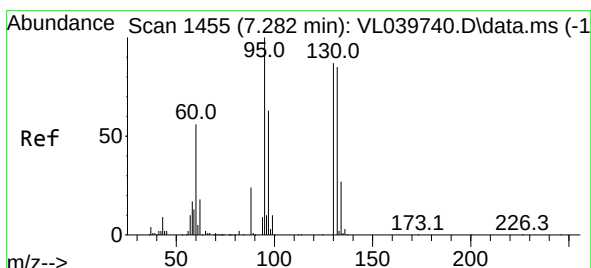
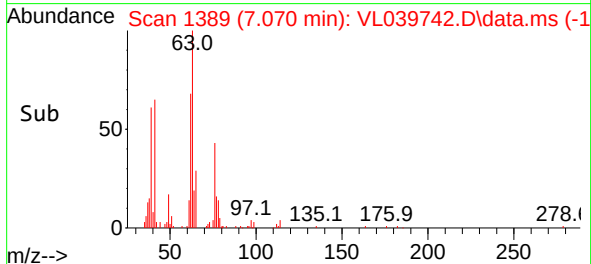
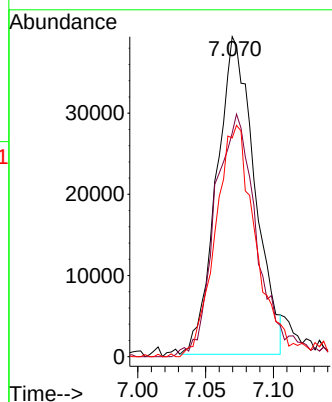
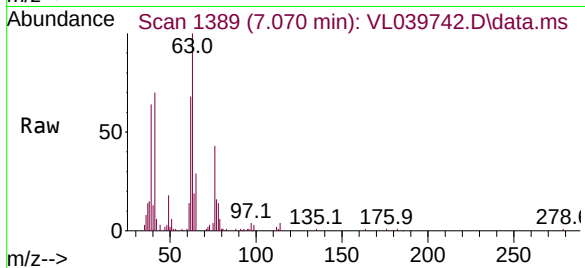
Tgt Ion: 63 Resp: 76644

Ion Ratio Lower Upper

63 100

41 68.3 59.5 89.3

62 68.9 55.2 82.8



#40

1,4-Dioxane

Concen: 0.004 ppbv

RT: 7.272 min Scan# 1452

Delta R.T. -0.009 min

Lab File: VL039742.D

Acq: 21 Oct 2022 11:21

Tgt Ion: 88 Resp: 141

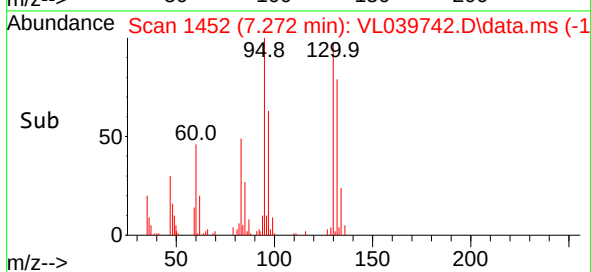
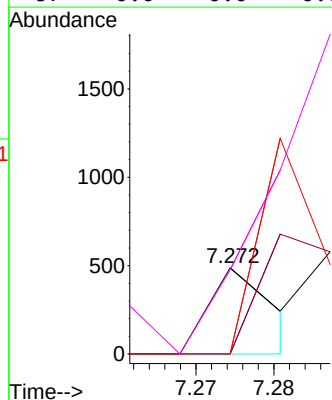
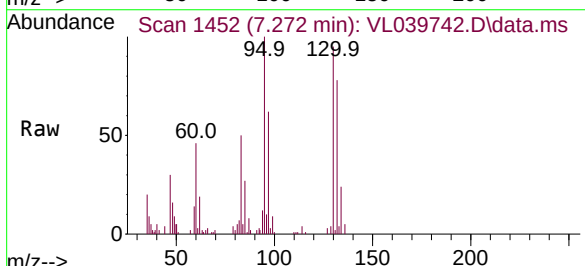
Ion Ratio Lower Upper

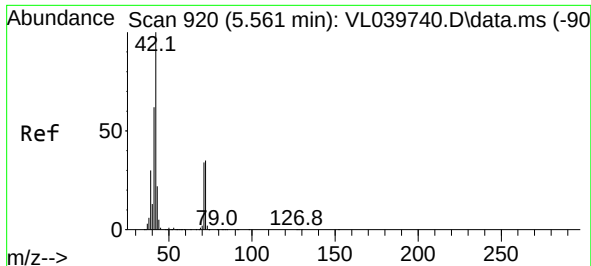
88 100

58 0.0 101.6 152.4#

43 0.0 0.0 0.0

57 0.0 0.0 0.0





#41

Tetrahydrofuran

Concen: 0.813 ppbv

RT: 5.581 min Scan# 91

Delta R.T. 0.019 min

Lab File: VL039742.D

Acq: 21 Oct 2022 11:21

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC001

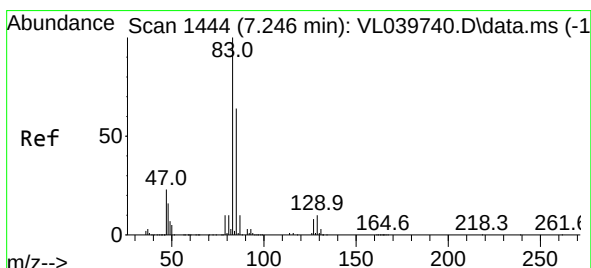
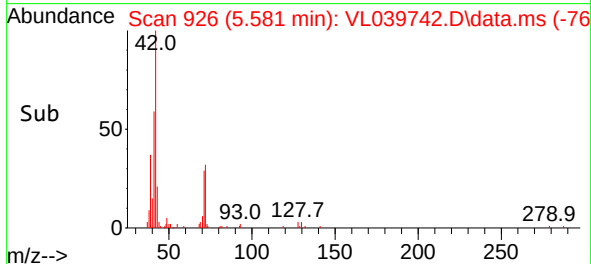
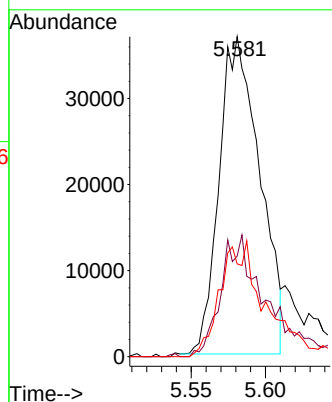
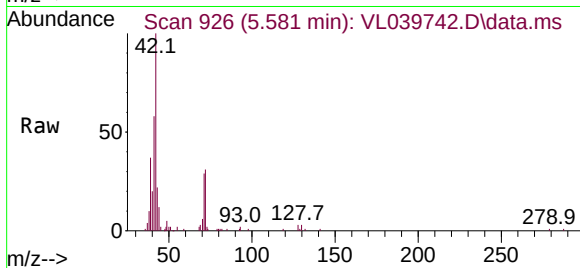
Tgt Ion: 42 Resp: 70154

Ion Ratio Lower Upper

42 100

72 44.5 30.0 45.0

71 42.4 29.3 43.9



#42

Bromodichloromethane

Concen: 0.899 ppbv

RT: 7.243 min Scan# 1443

Delta R.T. -0.003 min

Lab File: VL039742.D

Acq: 21 Oct 2022 11:21

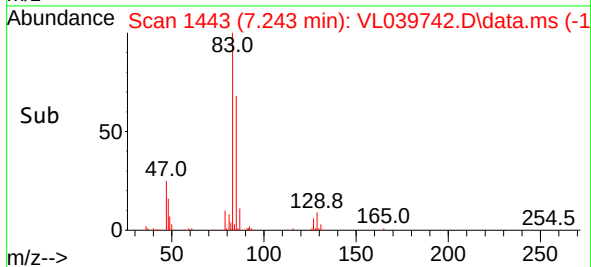
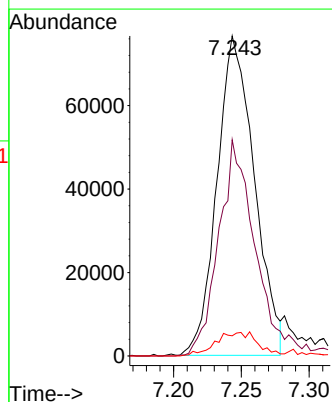
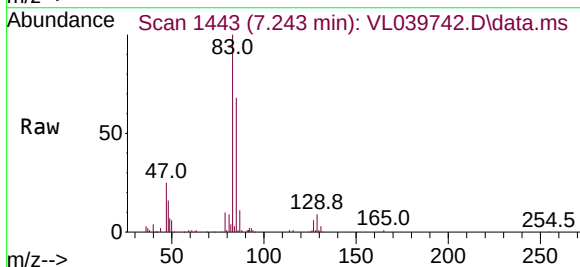
Tgt Ion: 83 Resp: 146578

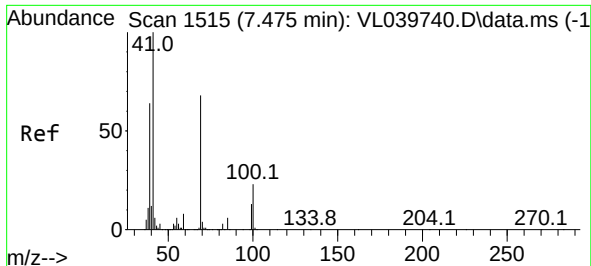
Ion Ratio Lower Upper

83 100

85 67.4 51.0 76.6

127 6.3 6.5 9.7

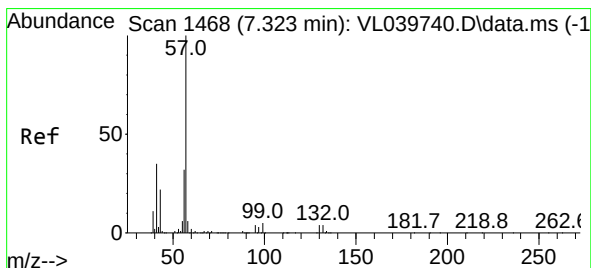
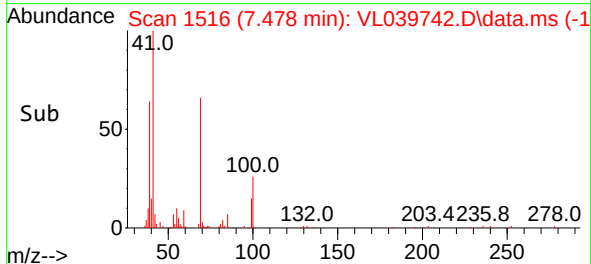
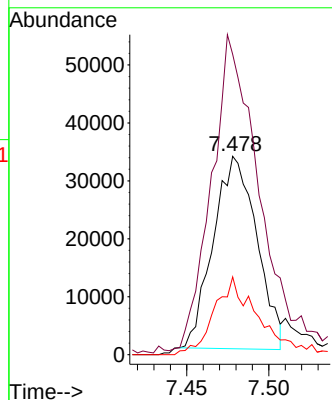
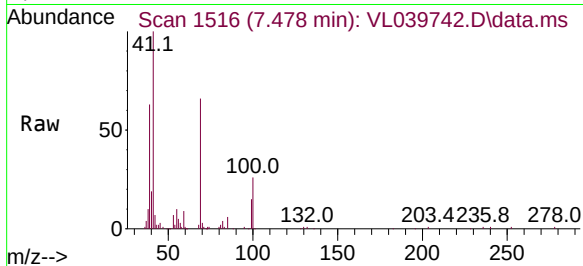




#43
Methyl Methacrylate
Concen: 0.774 ppbv
RT: 7.478 min Scan# 11
Delta R.T. 0.003 min
Lab File: VL039742.D
Acq: 21 Oct 2022 11:21

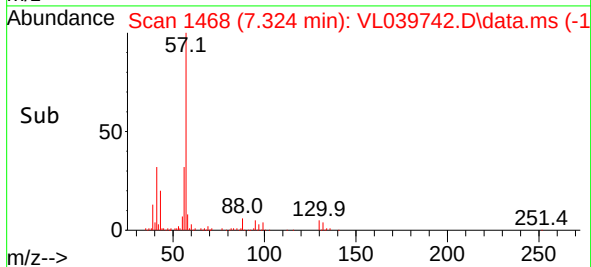
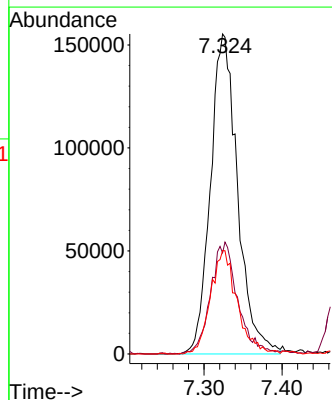
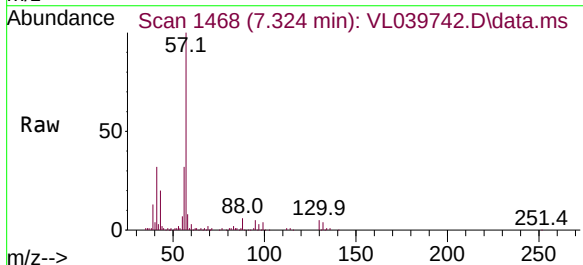
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC001

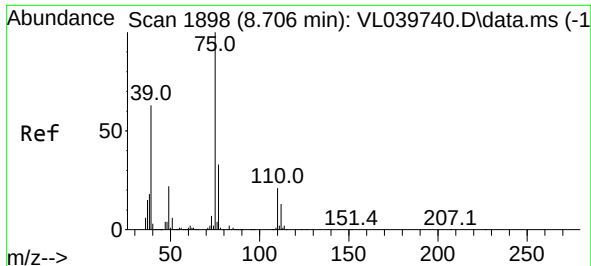
Tgt Ion: 69 Resp: 61356
Ion Ratio Lower Upper
69 100
41 188.5 124.6 186.8#
100 40.6 27.5 41.3



#44
2,2,4-Trimethylpentane
Concen: 1.006 ppbv
RT: 7.324 min Scan# 1468
Delta R.T. 0.000 min
Lab File: VL039742.D
Acq: 21 Oct 2022 11:21

Tgt Ion: 57 Resp: 375619
Ion Ratio Lower Upper
57 100
41 35.4 27.1 40.7
56 32.2 25.2 37.8

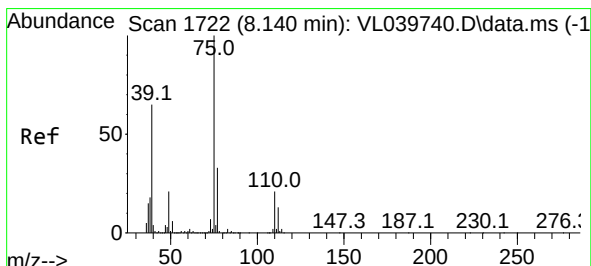
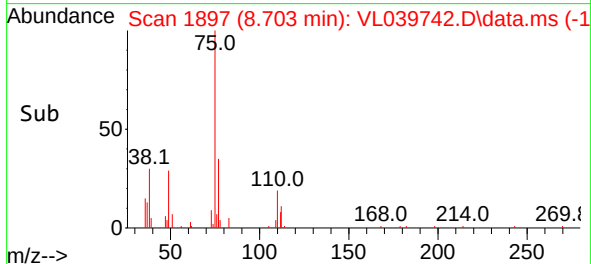
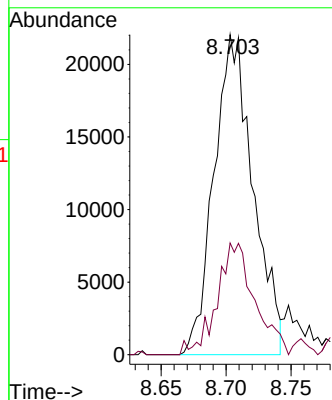
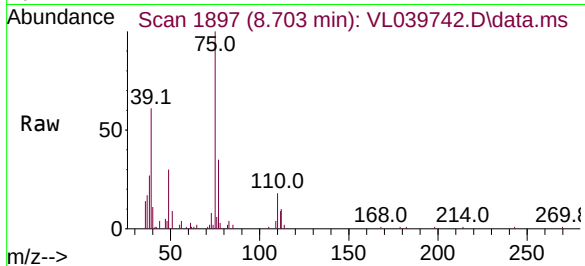




#45
t-1,3-Dichloropropene
Concen: 0.705 ppbv
RT: 8.703 min Scan# 1898
Delta R.T. -0.003 min
Lab File: VL039742.D
Acq: 21 Oct 2022 11:21

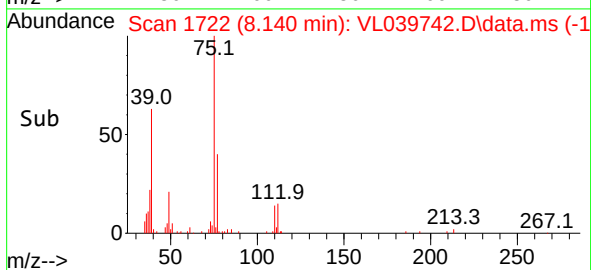
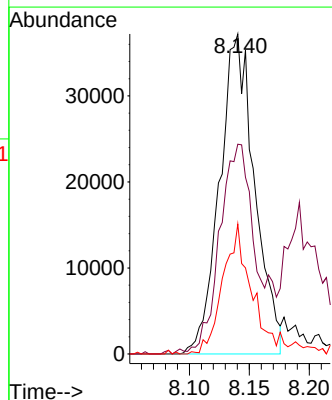
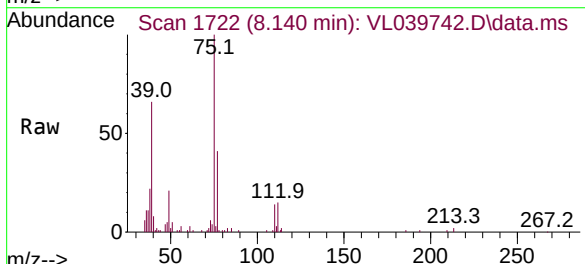
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC001

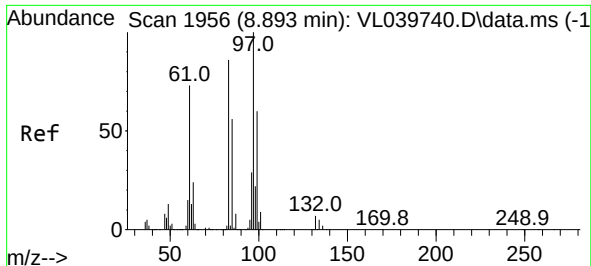
Tgt Ion: 75 Resp: 46249
Ion Ratio Lower Upper
75 100
77 38.1 26.6 39.8



#46
cis-1,3-Dichloropropene
Concen: 0.814 ppbv
RT: 8.140 min Scan# 1722
Delta R.T. 0.000 min
Lab File: VL039742.D
Acq: 21 Oct 2022 11:21

Tgt Ion: 75 Resp: 75670
Ion Ratio Lower Upper
75 100
39 64.0 52.2 78.4
77 40.6 26.6 40.0#





#47

1,1,2-Trichloroethane

Concen: 0.417 ppbv

RT: 8.886 min Scan# 1954

Delta R.T. -0.006 min

Lab File: VL039742.D

Acq: 21 Oct 2022 11:21

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC001

Tgt Ion: 97 Resp: 38246

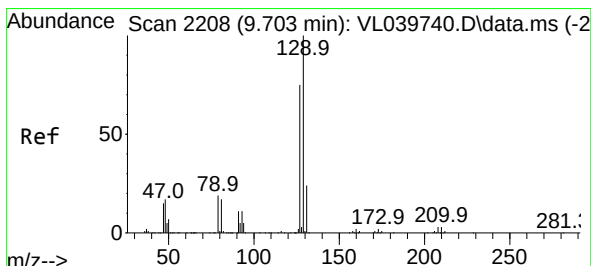
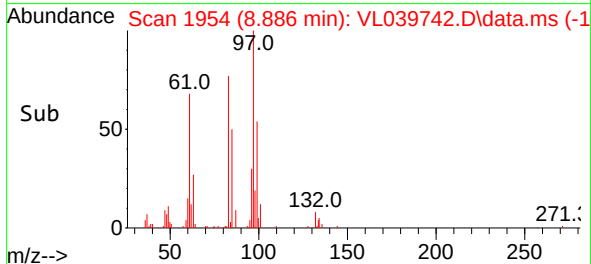
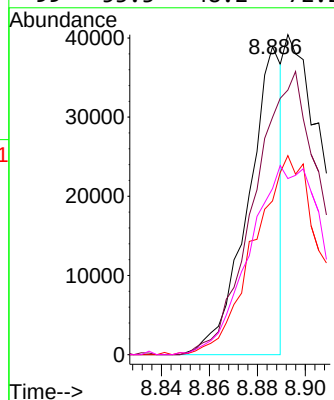
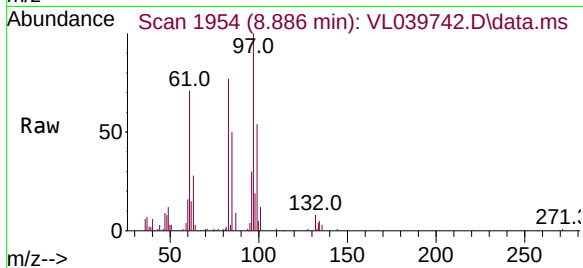
Ion Ratio Lower Upper

97 100

83 77.1 68.8 103.2

85 49.2 44.8 67.2

99 53.3 48.2 72.2



#48

Dibromochloromethane

Concen: 0.912 ppbv

RT: 9.703 min Scan# 2208

Delta R.T. 0.000 min

Lab File: VL039742.D

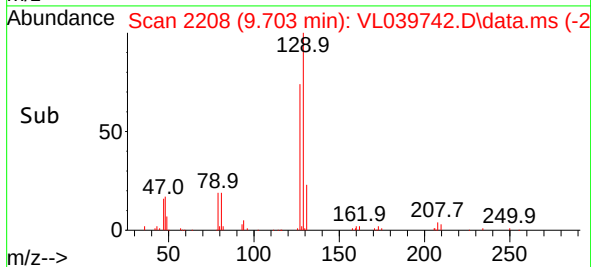
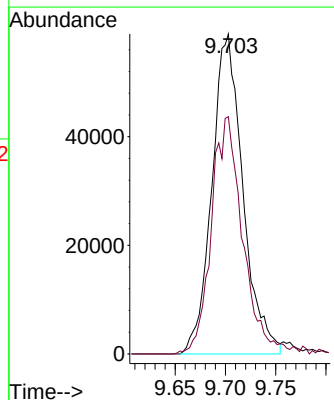
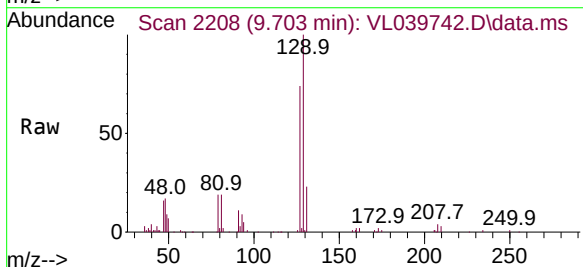
Acq: 21 Oct 2022 11:21

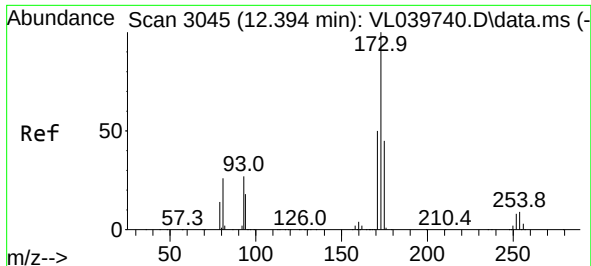
Tgt Ion: 129 Resp: 126272

Ion Ratio Lower Upper

129 100

127 76.0 38.9 116.6

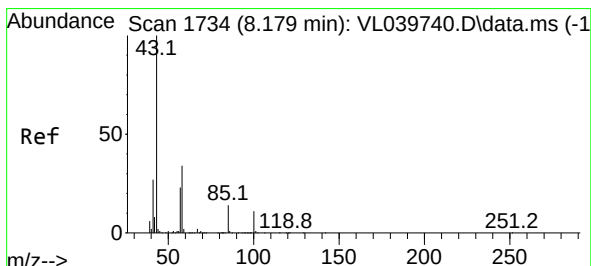
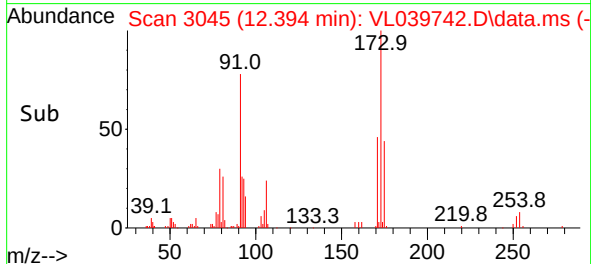
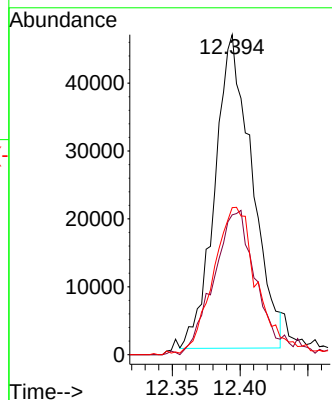
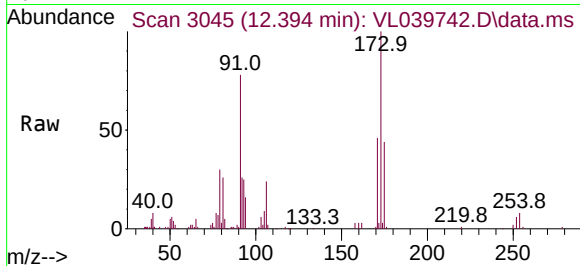




#49
Bromoform
Concen: 0.789 ppbv
RT: 12.394 min Scan# 3045
Delta R.T. 0.000 min
Lab File: VL039742.D
Acq: 21 Oct 2022 11:21

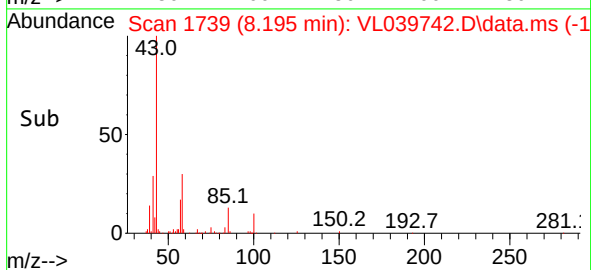
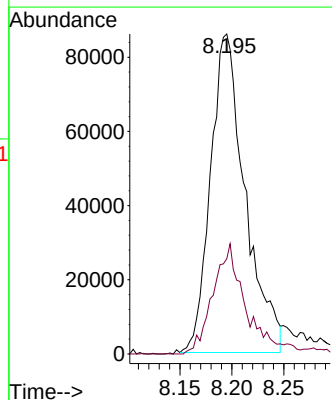
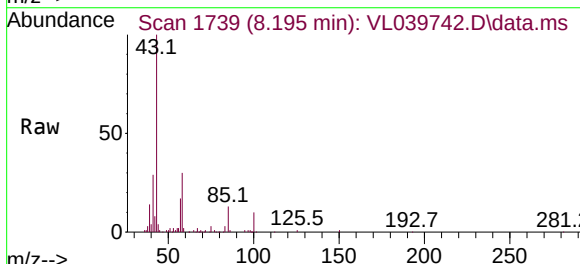
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC001

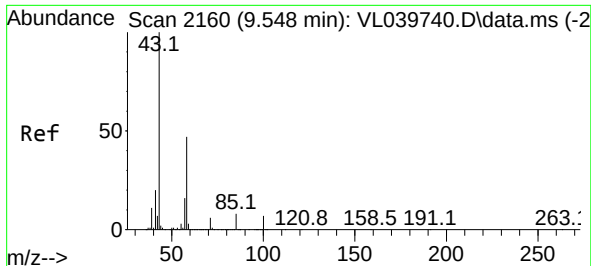
Tgt Ion:	173	Resp:	87945
Ion	Ratio	Lower	Upper
173	100		
175	54.6	39.4	59.0
171	57.3	41.6	62.4



#50
4-Methyl-2-Pentanone
Concen: 0.906 ppbv
RT: 8.195 min Scan# 1739
Delta R.T. 0.016 min
Lab File: VL039742.D
Acq: 21 Oct 2022 11:21

Tgt Ion:	43	Resp:	198937
Ion	Ratio	Lower	Upper
43	100		
58	34.2	28.0	42.0

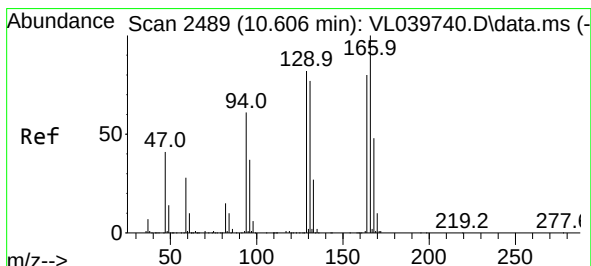
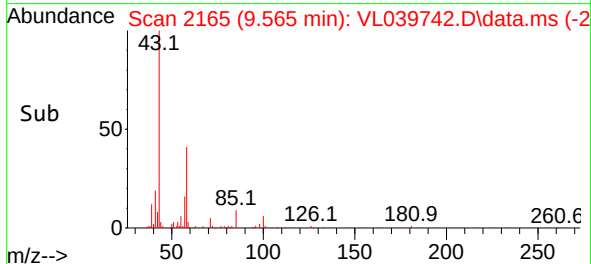
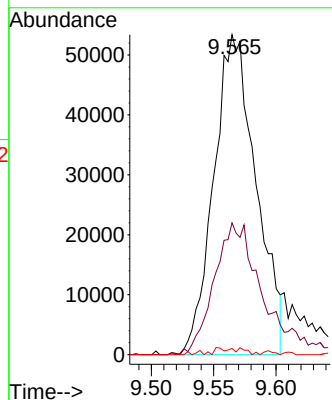
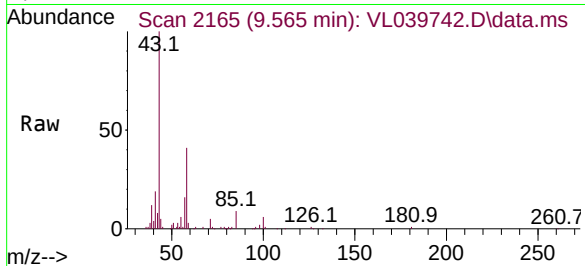




#51
2-Hexanone
Concen: 0.800 ppbv
RT: 9.565 min Scan# 2160
Delta R.T. 0.016 min
Lab File: VL039742.D
Acq: 21 Oct 2022 11:21

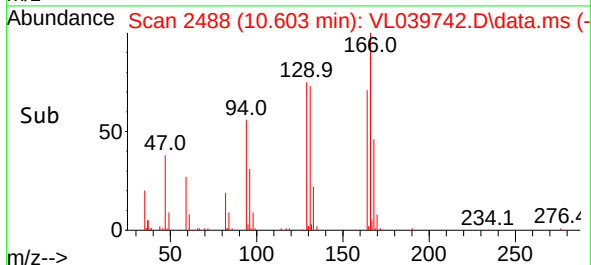
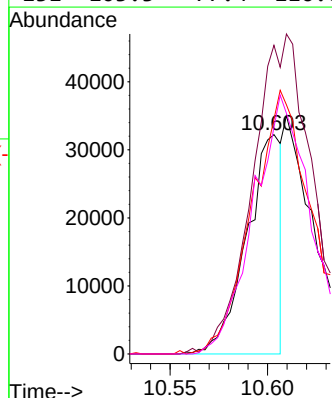
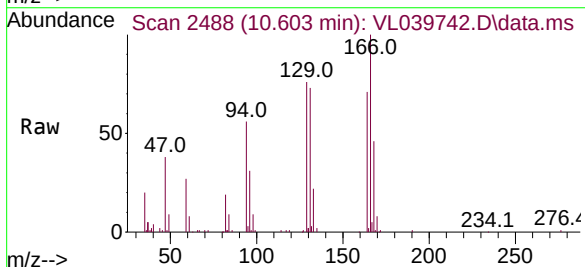
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC001

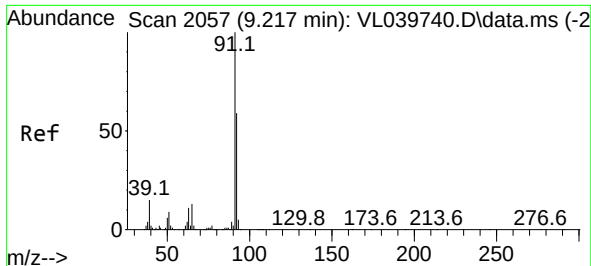
Tgt Ion: 43 Resp: 125935
Ion Ratio Lower Upper
43 100
58 49.0 37.6 56.4
98 2.0 0.6 0.8#



#52
Tetrachloroethene
Concen: 0.498 ppbv
RT: 10.603 min Scan# 2488
Delta R.T. -0.003 min
Lab File: VL039742.D
Acq: 21 Oct 2022 11:21

Tgt Ion: 164 Resp: 39561
Ion Ratio Lower Upper
164 100
166 140.7 100.0 150.0
129 105.5 82.1 123.1
131 103.3 77.4 116.0

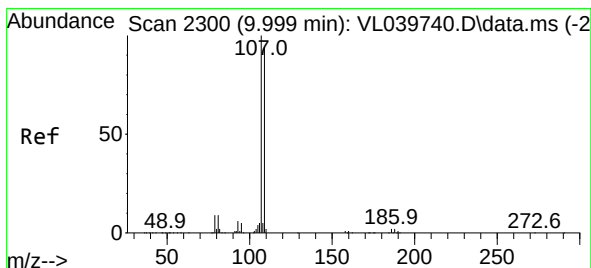
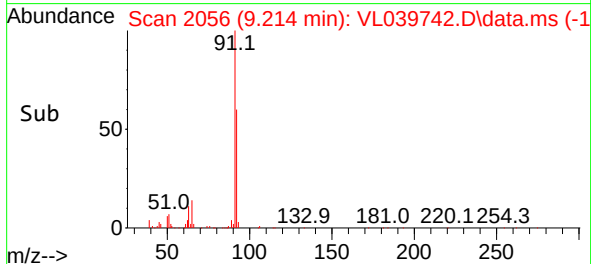
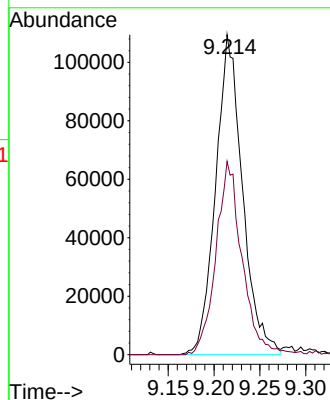
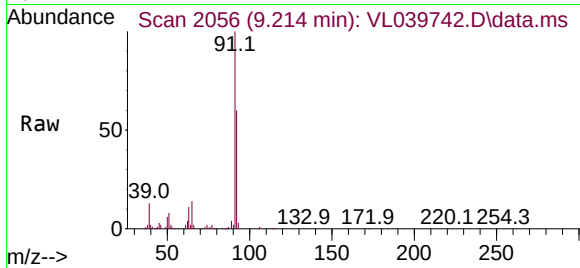




#53
Toluene
Concen: 0.937 ppbv
RT: 9.214 min Scan# 2057
Delta R.T. -0.003 min
Lab File: VL039742.D
Acq: 21 Oct 2022 11:21

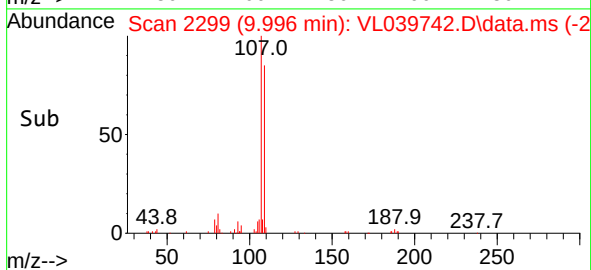
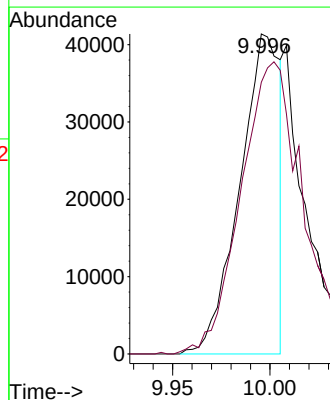
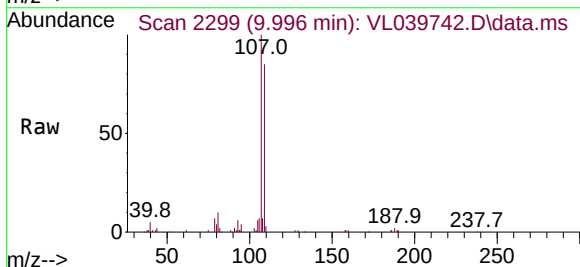
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC001

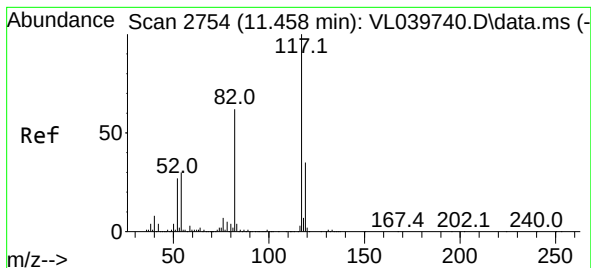
Tgt Ion: 91 Resp: 222799
Ion Ratio Lower Upper
91 100
92 58.9 47.7 71.5



#54
1,2-Dibromoethane
Concen: 0.640 ppbv
RT: 9.996 min Scan# 2299
Delta R.T. -0.003 min
Lab File: VL039742.D
Acq: 21 Oct 2022 11:21

Tgt Ion: 107 Resp: 59086
Ion Ratio Lower Upper
107 100
109 84.2 75.2 112.8

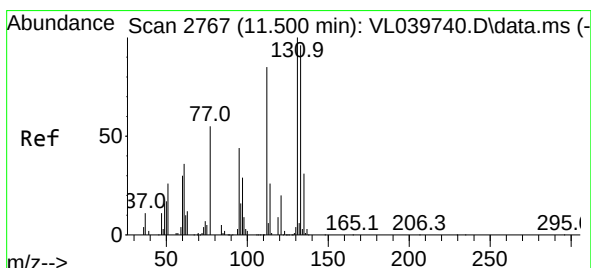
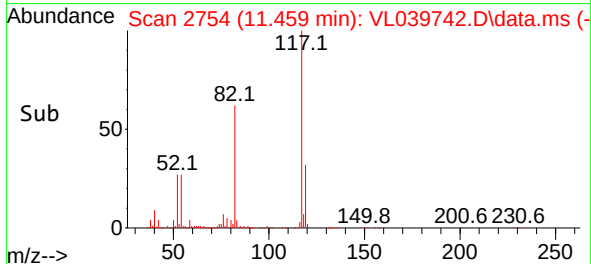
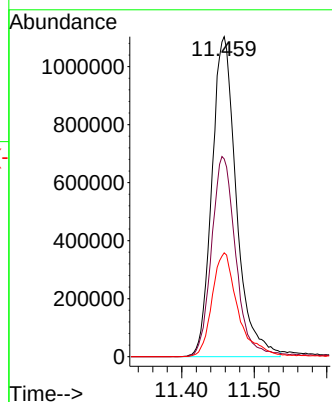
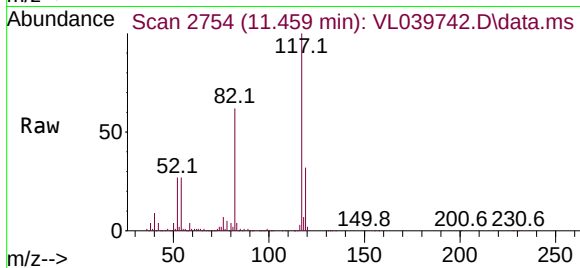




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.459 min Scan# 21
Delta R.T. 0.000 min
Lab File: VL039742.D
Acq: 21 Oct 2022 11:21

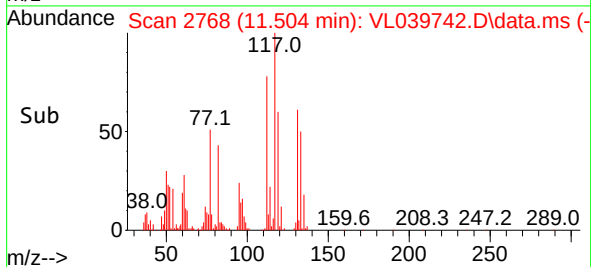
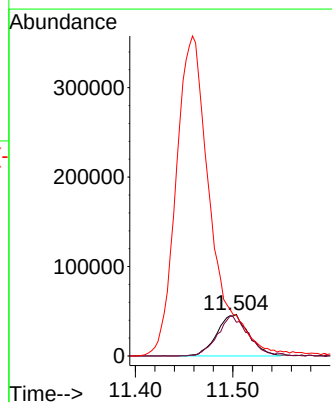
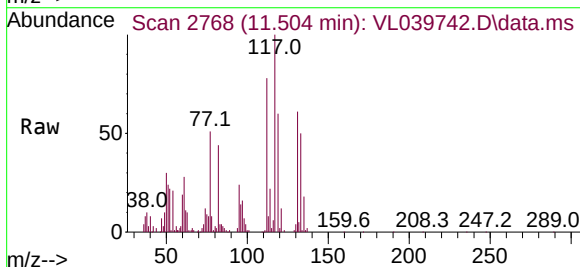
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

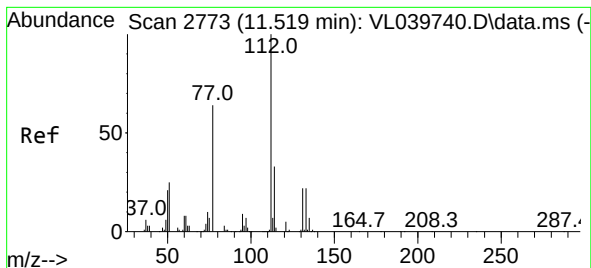
Tgt Ion:117 Resp: 2582323
Ion Ratio Lower Upper
117 100
82 62.7 51.4 77.0
119 34.9 24.6 36.8



#56
1,1,1,2-Tetrachloroethane
Concen: 0.995 ppbv
RT: 11.504 min Scan# 2768
Delta R.T. 0.003 min
Lab File: VL039742.D
Acq: 21 Oct 2022 11:21

Tgt Ion:131 Resp: 104250
Ion Ratio Lower Upper
131 100
133 95.6 77.2 115.8
119 864.8 55.5 83.3#

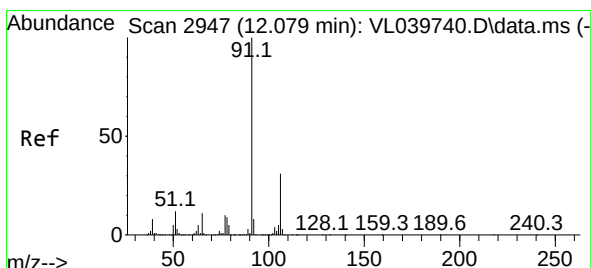
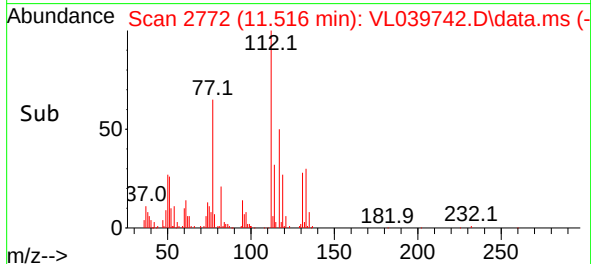
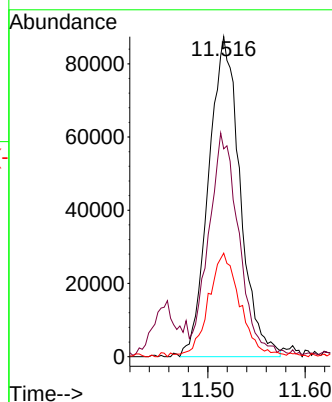
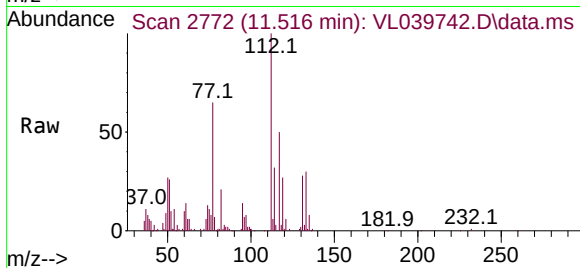




#57
Chlorobenzene
Concen: 1.035 ppbv
RT: 11.516 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL039742.D
Acq: 21 Oct 2022 11:21

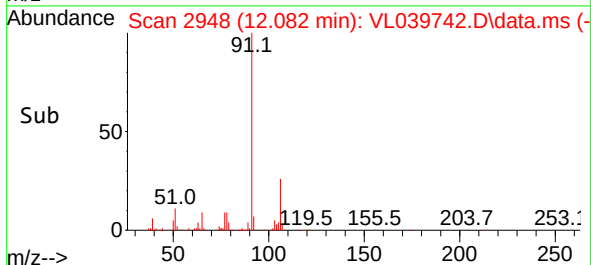
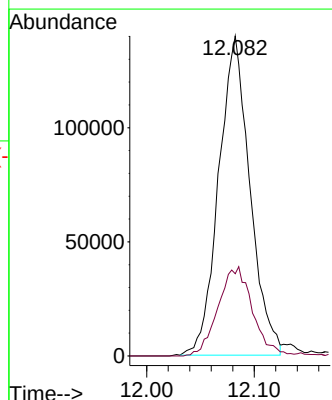
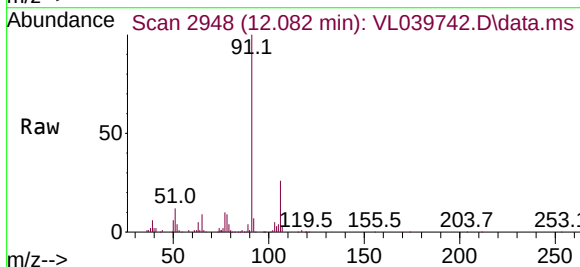
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

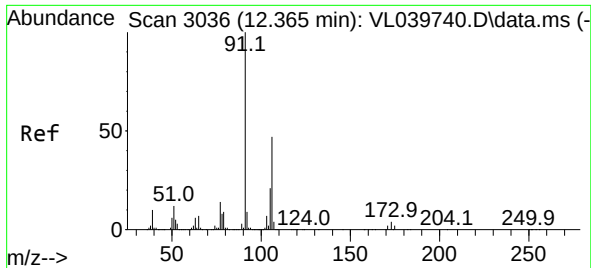
Tgt Ion:112 Resp: 196171
Ion Ratio Lower Upper
112 100
77 62.9 51.4 77.2
114 31.6 30.0 36.6



#58
Ethyl Benzene
Concen: 0.947 ppbv
RT: 12.082 min Scan# 2948
Delta R.T. 0.003 min
Lab File: VL039742.D
Acq: 21 Oct 2022 11:21

Tgt Ion: 91 Resp: 282426
Ion Ratio Lower Upper
91 100
106 25.8 24.6 36.8





#59

m/p-Xylene

Concen: 1.035 ppbv

RT: 12.365 min Scan# 3036

Delta R.T. 0.000 min

Lab File: VL039742.D

Acq: 21 Oct 2022 11:21

Instrument :

MSVOA_L

ClientSampleId :

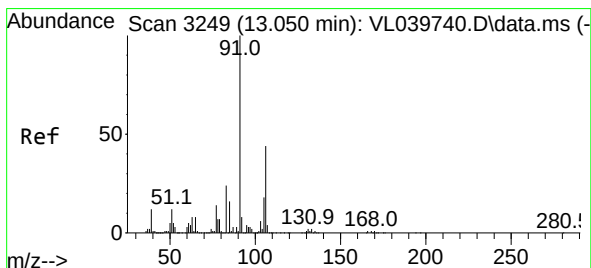
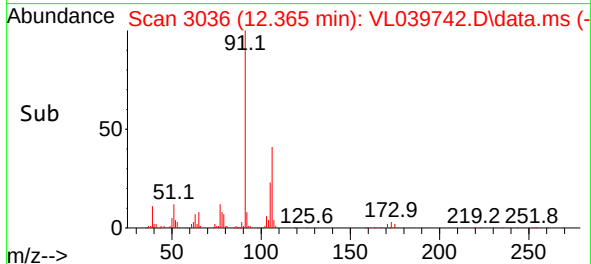
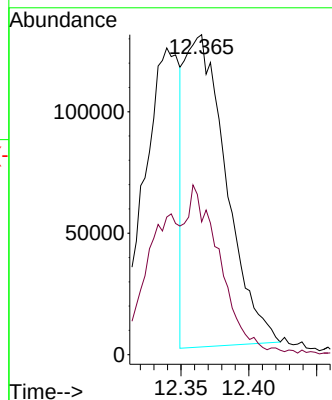
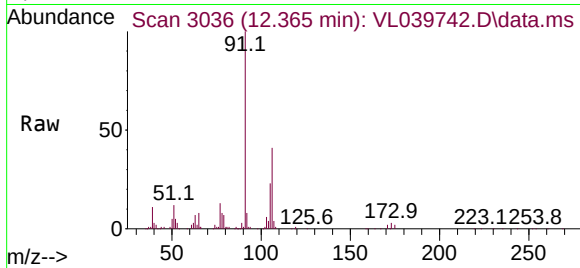
VSTDIC001

Tgt Ion: 91 Resp: 272826

Ion Ratio Lower Upper

91 100

106 84.6 36.2 54.4#



#60

o-Xylene

Concen: 1.012 ppbv

RT: 13.053 min Scan# 3250

Delta R.T. 0.003 min

Lab File: VL039742.D

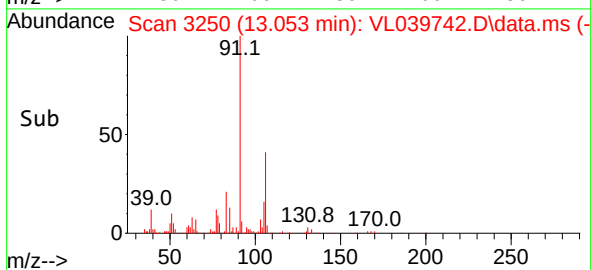
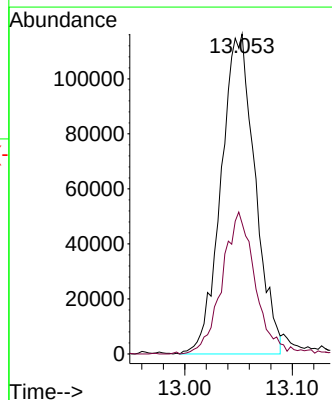
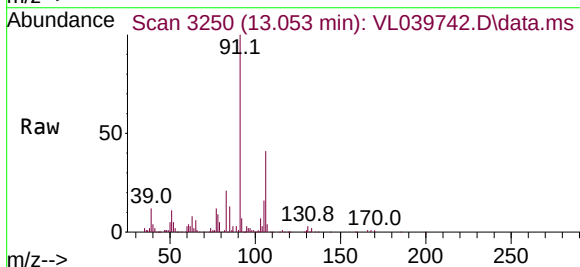
Acq: 21 Oct 2022 11:21

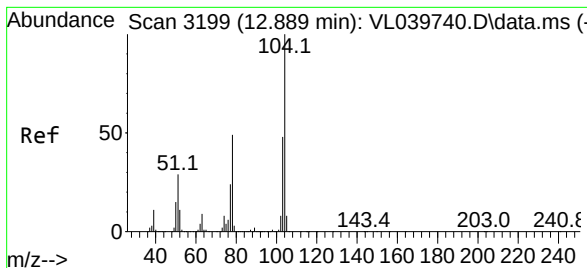
Tgt Ion: 91 Resp: 255299

Ion Ratio Lower Upper

91 100

106 44.3 22.4 67.0





#61

Styrene

Concen: 0.849 ppbv

RT: 12.889 min Scan# 3199

Delta R.T. 0.000 min

Lab File: VL039742.D

Acq: 21 Oct 2022 11:21

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC001

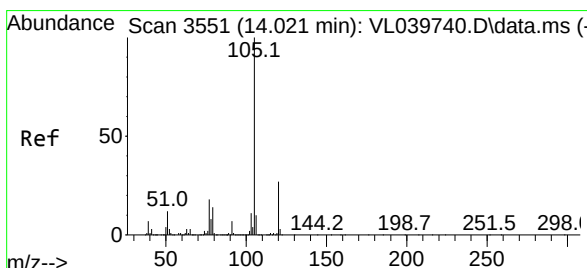
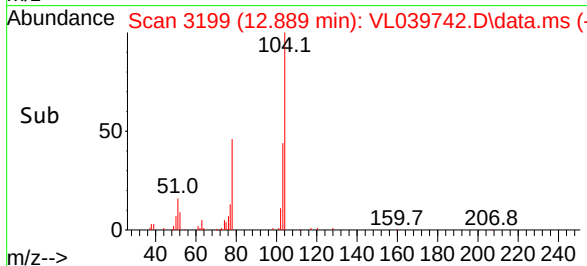
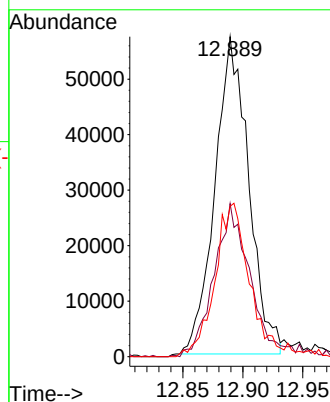
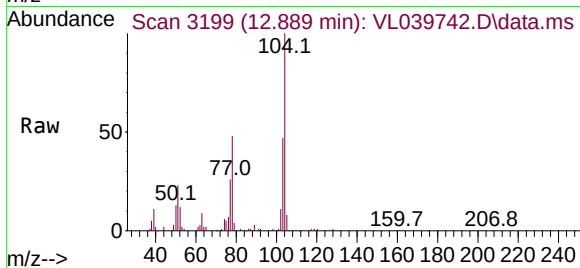
Tgt Ion:104 Resp: 112002

Ion Ratio Lower Upper

104 100

78 52.2 39.6 59.4

103 50.9 38.1 57.1



#62

Isopropylbenzene

Concen: 1.014 ppbv

RT: 14.021 min Scan# 3551

Delta R.T. 0.000 min

Lab File: VL039742.D

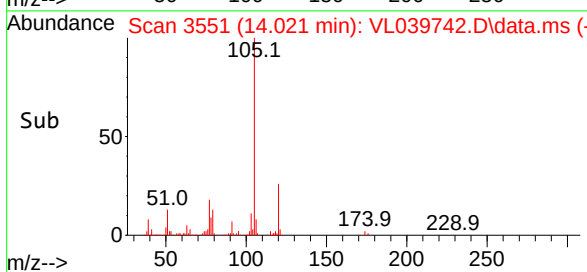
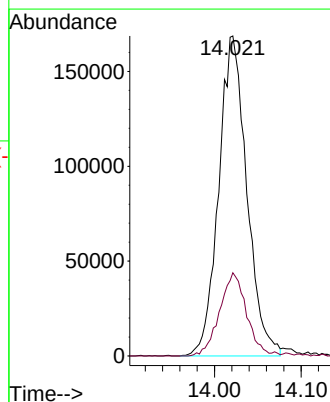
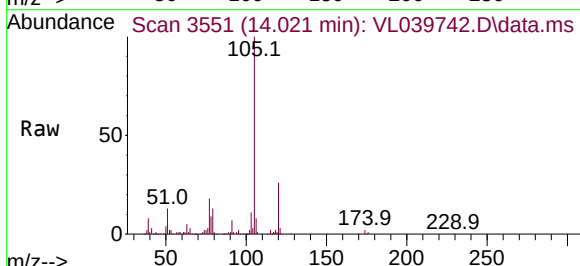
Acq: 21 Oct 2022 11:21

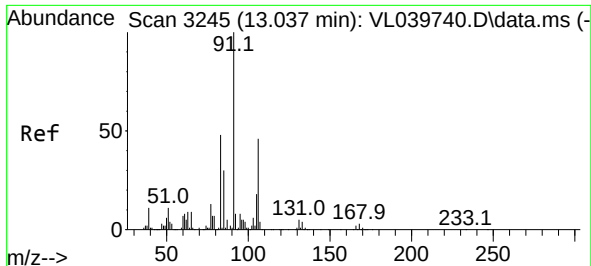
Tgt Ion:105 Resp: 381040

Ion Ratio Lower Upper

105 100

120 25.5 20.2 30.4





#63

1,1,2,2-Tetrachloroethane

Concen: 0.493 ppbv

RT: 13.040 min Scan# 31

Delta R.T. 0.003 min

Lab File: VL039742.D

Acq: 21 Oct 2022 11:21

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC001

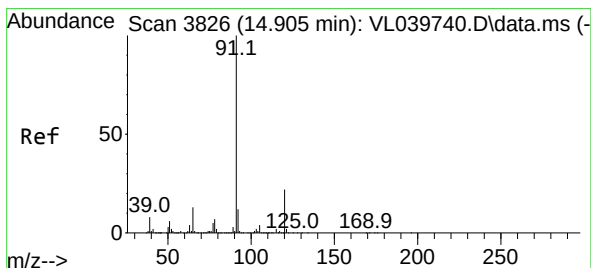
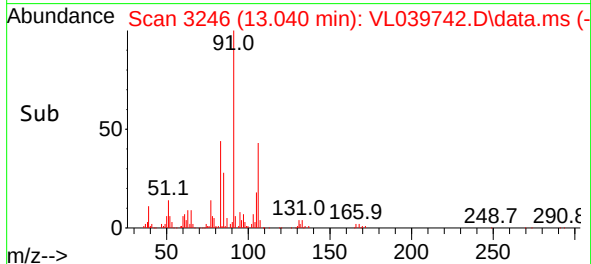
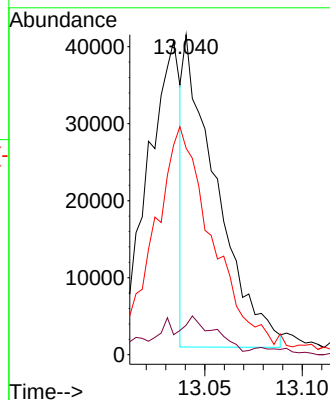
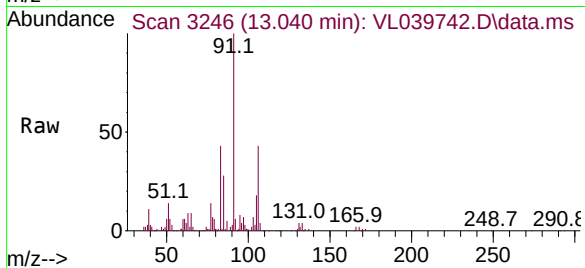
Tgt Ion: 83 Resp: 47494

Ion Ratio Lower Upper

83 100

131 25.3 4.9 14.7#

85 142.6 32.8 98.4#



#64

n-propylbenzene

Concen: 0.958 ppbv

RT: 14.909 min Scan# 3827

Delta R.T. 0.003 min

Lab File: VL039742.D

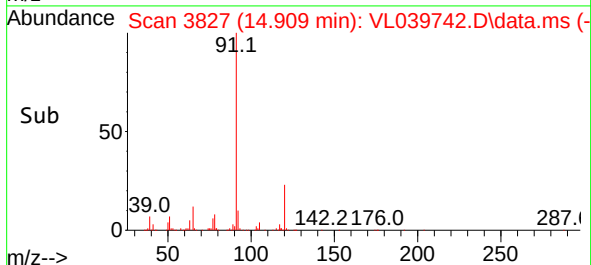
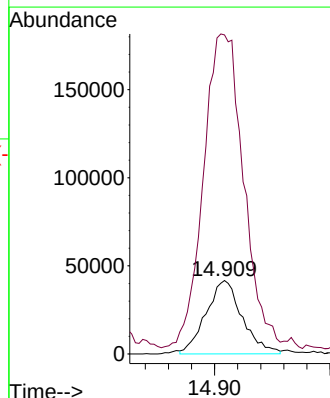
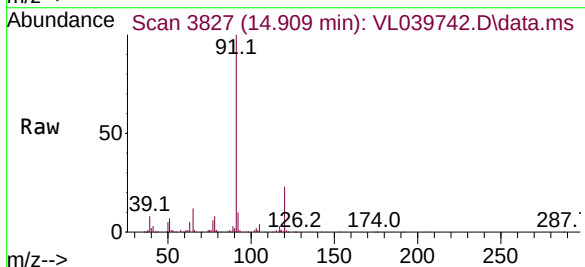
Acq: 21 Oct 2022 11:21

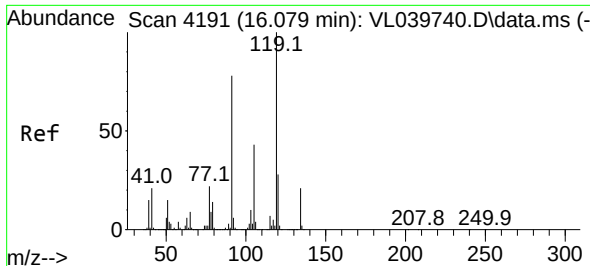
Tgt Ion:120 Resp: 90414

Ion Ratio Lower Upper

120 100

91 510.8 376.2 564.2

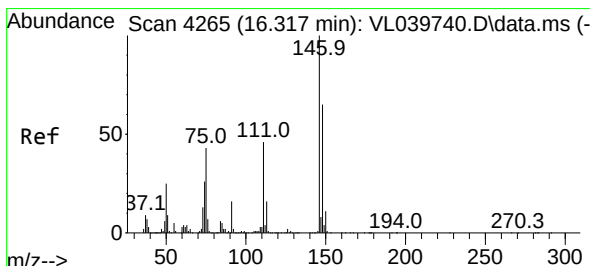
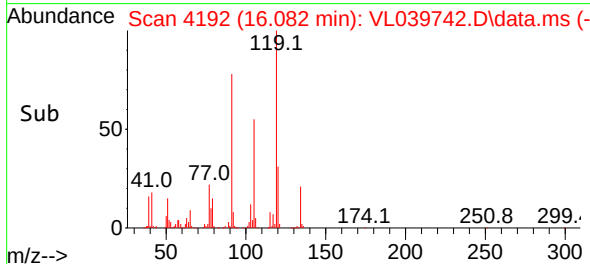
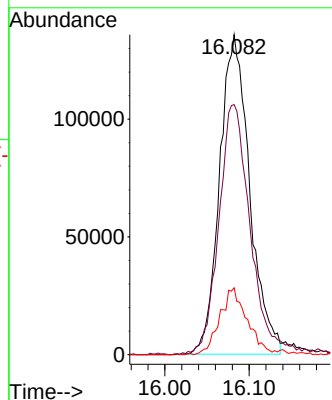
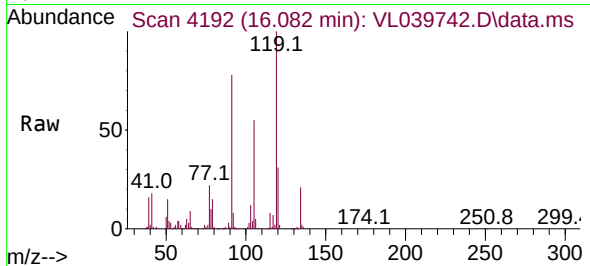




#65
tert-Butylbenzene
Concen: 1.019 ppbv
RT: 16.082 min Scan# 4192
Delta R.T. 0.003 min
Lab File: VL039742.D
Acq: 21 Oct 2022 11:21

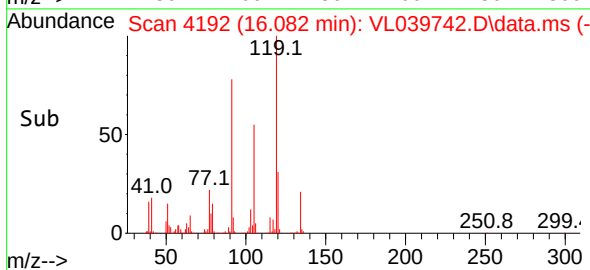
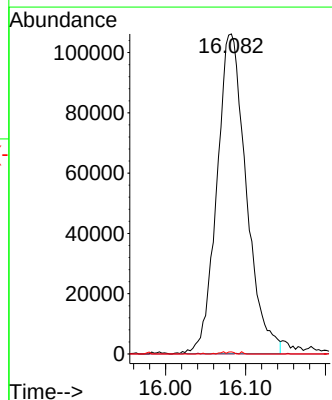
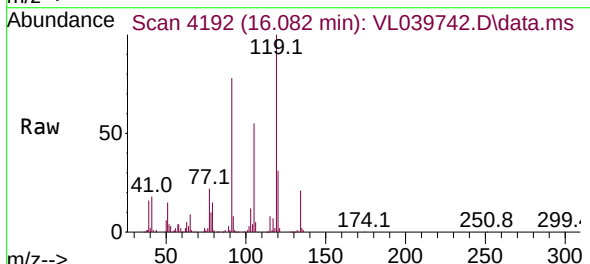
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC001

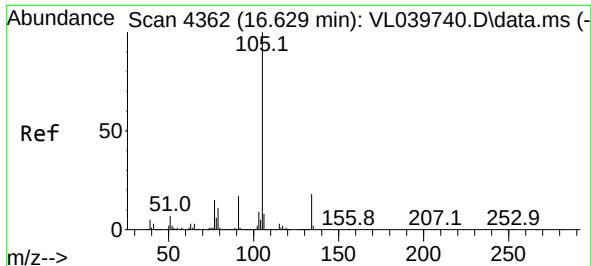
Tgt Ion:119 Resp: 335241
Ion Ratio Lower Upper
119 100
91 83.9 64.2 96.2
134 20.0 15.5 23.3



#66
Benzyl Chloride
Concen: 11.744 ppbv
RT: 16.082 min Scan# 4192
Delta R.T. -0.235 min
Lab File: VL039742.D
Acq: 21 Oct 2022 11:21

Tgt Ion: 91 Resp: 270005
Ion Ratio Lower Upper
91 100
126 0.0 12.6 18.8#
128 0.4 4.2 6.2#

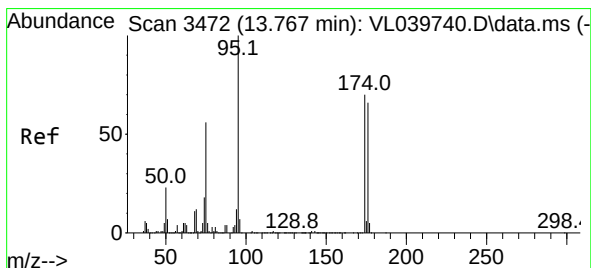
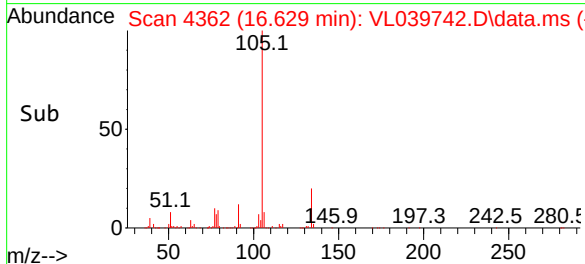
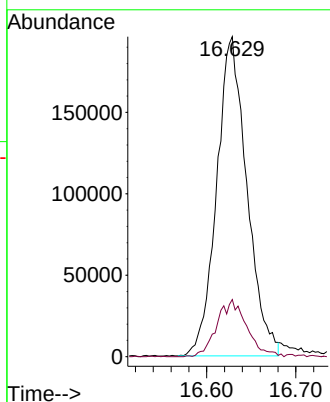
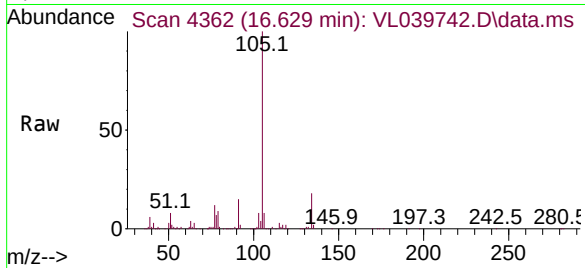




#67
 sec-Butylbenzene
 Concen: 1.016 ppbv
 RT: 16.629 min Scan# 4362
 Delta R.T. 0.000 min
 Lab File: VL039742.D
 Acq: 21 Oct 2022 11:21

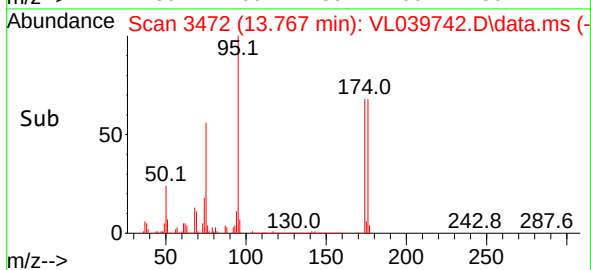
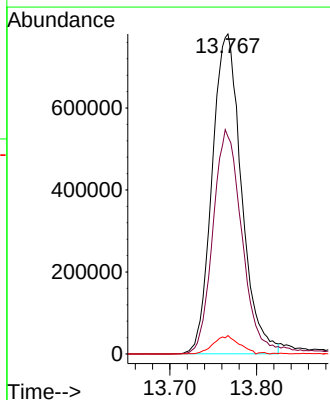
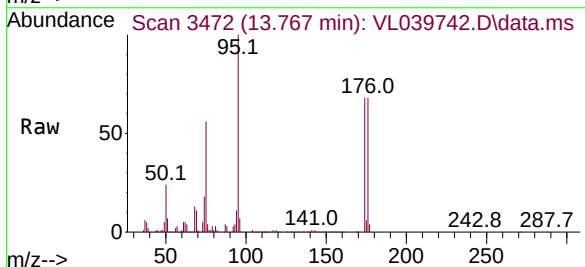
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDIC001

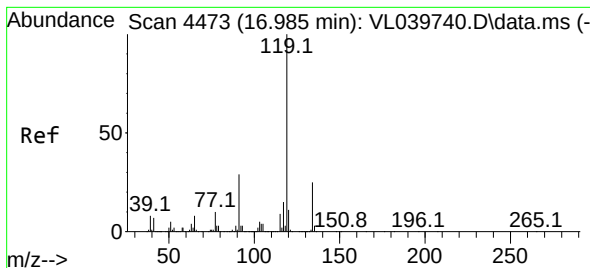
Tgt Ion:105 Resp: 462529
 Ion Ratio Lower Upper
 105 100
 134 17.8 14.2 21.4



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.022 ppbv
 RT: 13.767 min Scan# 3472
 Delta R.T. 0.000 min
 Lab File: VL039742.D
 Acq: 21 Oct 2022 11:21

Tgt Ion: 95 Resp: 1837221
 Ion Ratio Lower Upper
 95 100
 174 71.9 56.5 84.7
 175 5.2 4.2 6.4

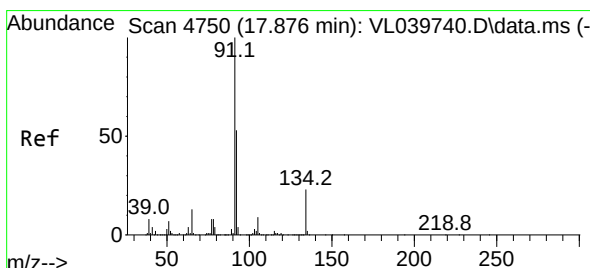
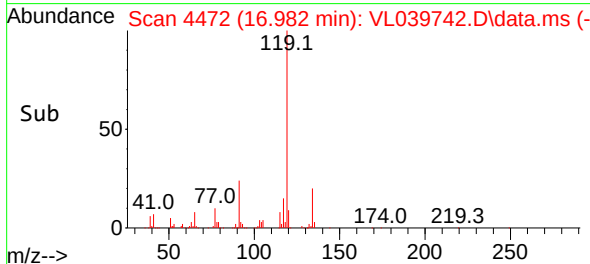
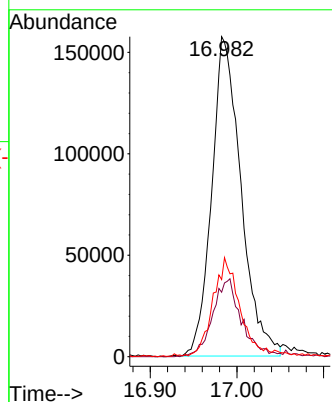
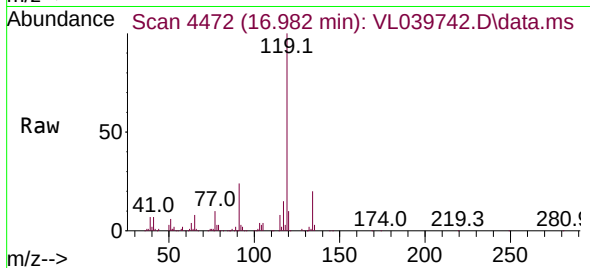




#69
p-Isopropyltoluene
Concen: 1.007 ppbv
RT: 16.982 min Scan# 4472
Delta R.T. -0.003 min
Lab File: VL039742.D
Acq: 21 Oct 2022 11:21

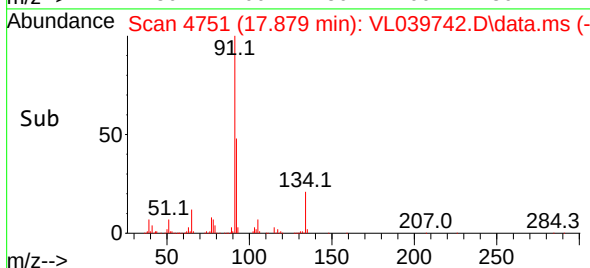
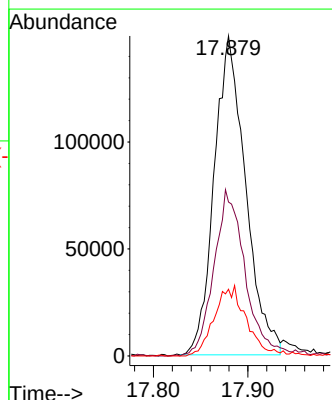
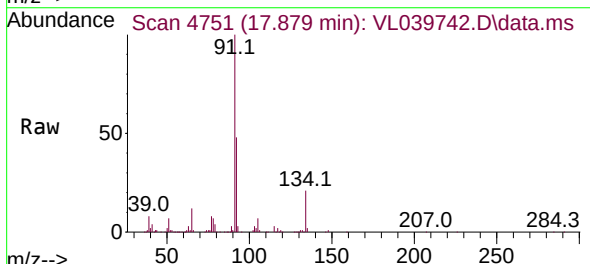
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

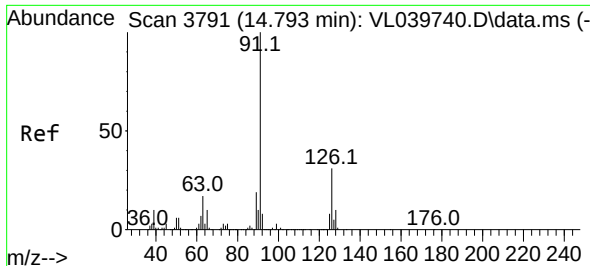
Tgt Ion:119 Resp: 369632
Ion Ratio Lower Upper
119 100
134 23.8 19.8 29.8
91 29.8 22.7 34.1



#70
n-Butylbenzene
Concen: 0.975 ppbv
RT: 17.879 min Scan# 4751
Delta R.T. 0.003 min
Lab File: VL039742.D
Acq: 21 Oct 2022 11:21

Tgt Ion: 91 Resp: 344097
Ion Ratio Lower Upper
91 100
92 52.6 43.3 64.9
134 22.8 18.4 27.6

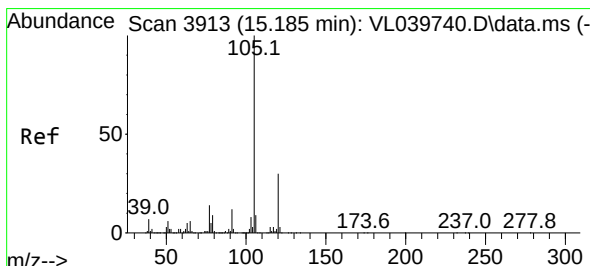
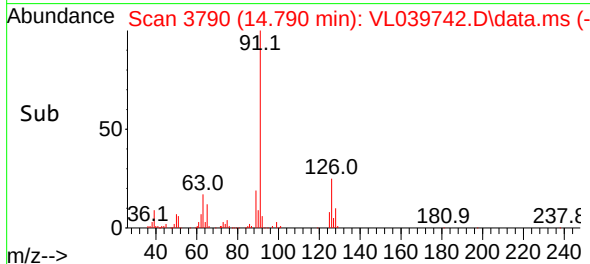
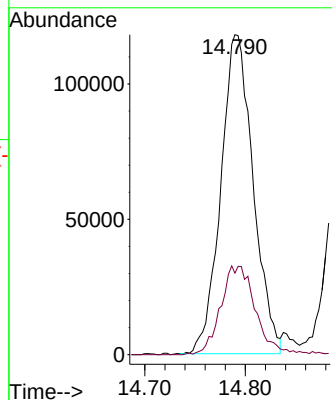
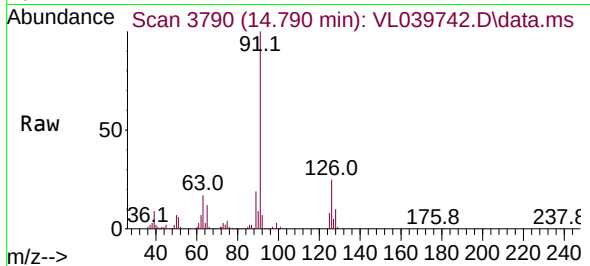




#71
2-Chlorotoluene
Concen: 0.987 ppbv
RT: 14.790 min Scan# 31
Delta R.T. -0.003 min
Lab File: VL039742.D
Acq: 21 Oct 2022 11:21

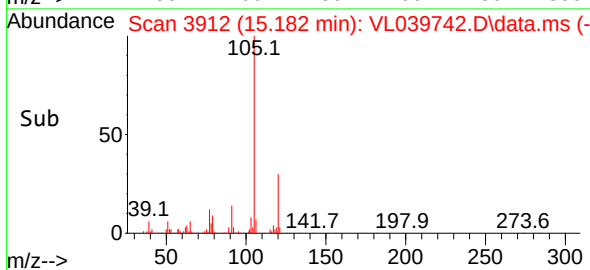
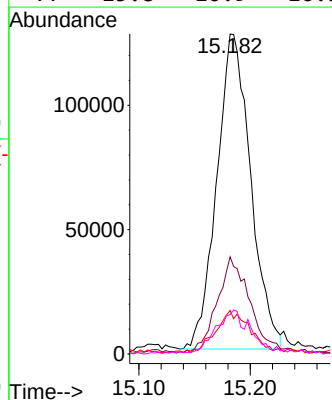
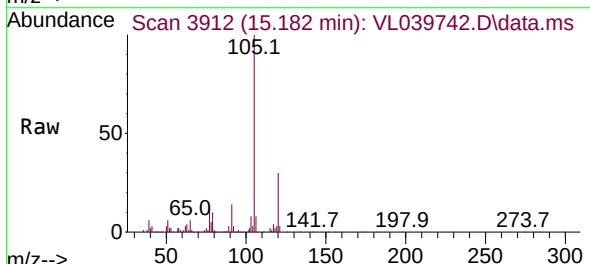
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC001

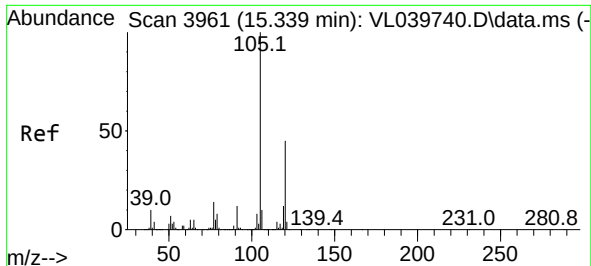
Tgt Ion: 91 Resp: 263836
Ion Ratio Lower Upper
91 100
126 30.1 12.7 50.7



#72
4-Ethyltoluene
Concen: 0.952 ppbv
RT: 15.182 min Scan# 3912
Delta R.T. -0.003 min
Lab File: VL039742.D
Acq: 21 Oct 2022 11:21

Tgt Ion: 105 Resp: 267924
Ion Ratio Lower Upper
105 100
120 31.3 23.9 35.9
91 14.9 10.3 15.5
77 15.8 10.9 16.3

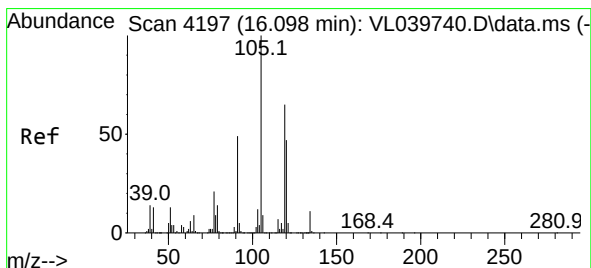
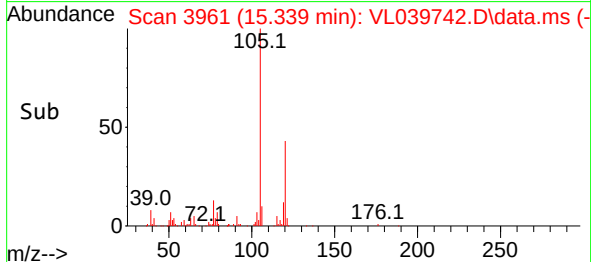
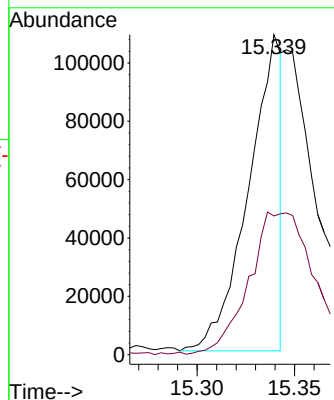
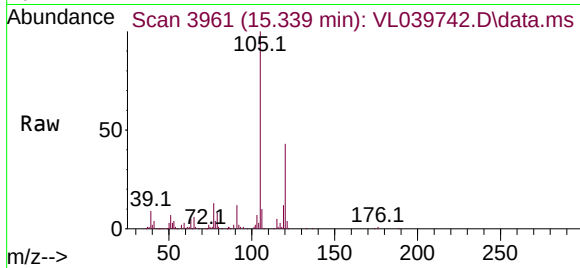




#73
1,3,5-Trimethylbenzene
Concen: 0.485 ppbv
RT: 15.339 min Scan# 3961
Delta R.T. 0.000 min
Lab File: VL039742.D
Acq: 21 Oct 2022 11:21

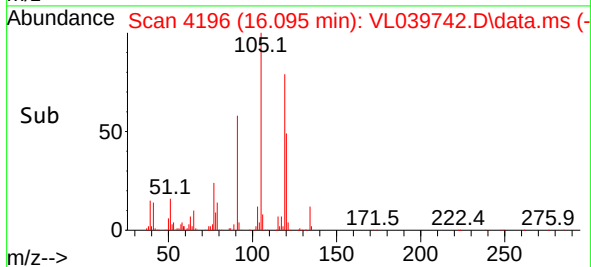
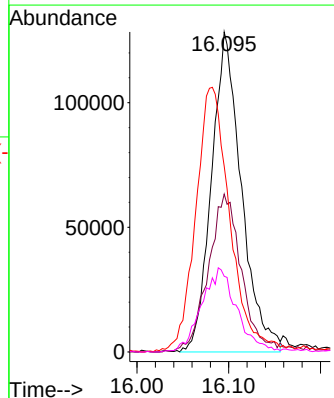
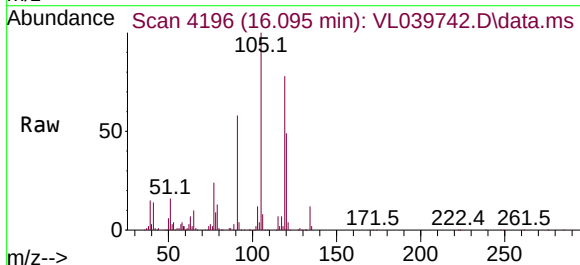
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC001

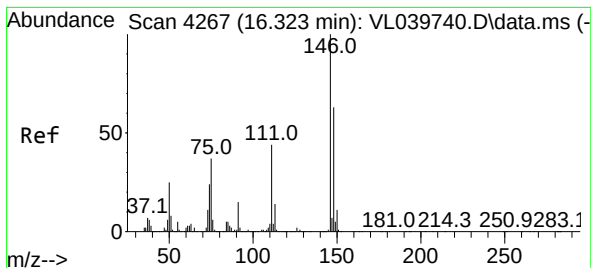
Tgt Ion:105 Resp: 127106
Ion Ratio Lower Upper
105 100
120 43.1 35.6 53.4



#74
1,2,4-Trimethylbenzene
Concen: 1.010 ppbv
RT: 16.095 min Scan# 4196
Delta R.T. -0.003 min
Lab File: VL039742.D
Acq: 21 Oct 2022 11:21

Tgt Ion:105 Resp: 290833
Ion Ratio Lower Upper
105 100
120 48.0 37.6 56.4
91 56.2 40.1 60.1
77 23.2 17.2 25.8





#75

1,3-Dichlorobenzene

Concen: 0.532 ppbv

RT: 16.320 min Scan# 41

Delta R.T. -0.003 min

Lab File: VL039742.D

Acq: 21 Oct 2022 11:21

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC001

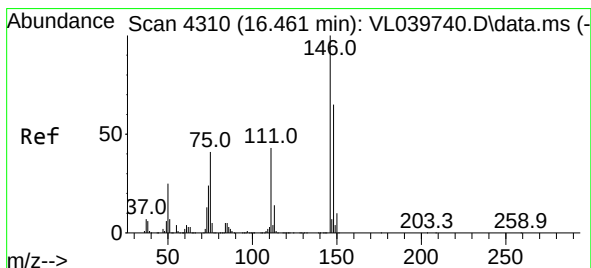
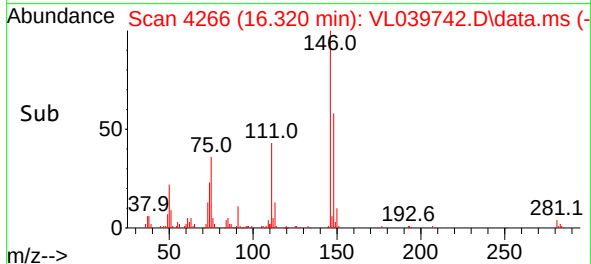
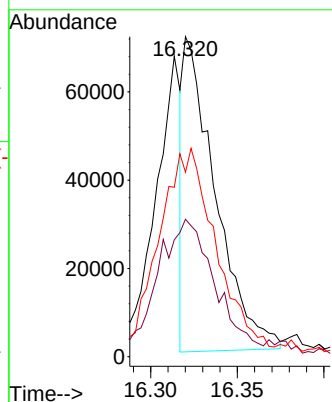
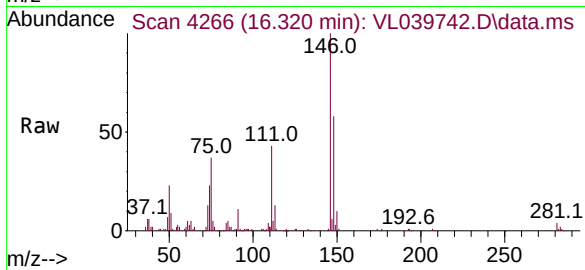
Tgt Ion:146 Resp: 91625

Ion Ratio Lower Upper

146 100

111 86.0 22.8 68.3#

148 127.2 32.6 97.7#



#76

1,4-Dichlorobenzene

Concen: 0.573 ppbv

RT: 16.462 min Scan# 4310

Delta R.T. 0.000 min

Lab File: VL039742.D

Acq: 21 Oct 2022 11:21

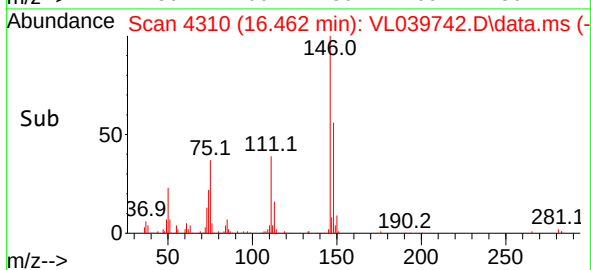
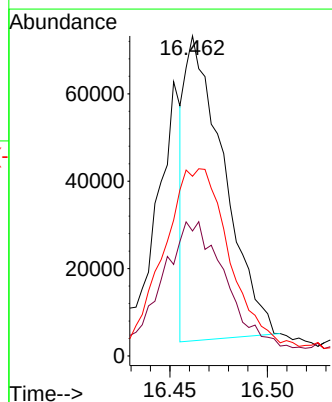
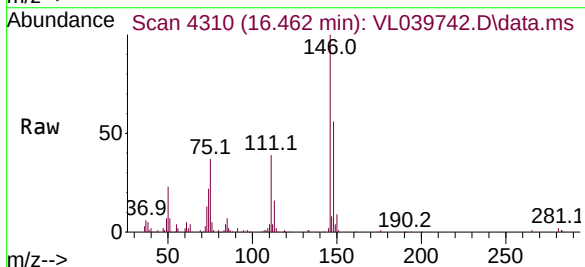
Tgt Ion:146 Resp: 96512

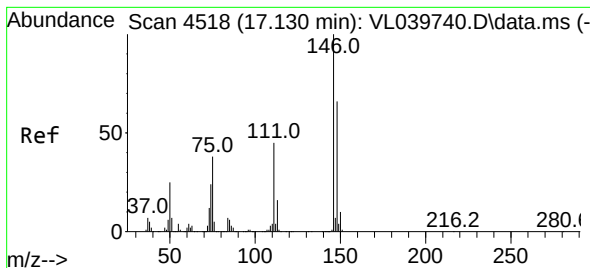
Ion Ratio Lower Upper

146 100

111 77.7 22.1 66.5#

148 120.4 33.2 99.6#





#77

1,2-Dichlorobenzene

Concen: 0.932 ppbv

RT: 17.137 min Scan# 4518

Delta R.T. 0.007 min

Lab File: VL039742.D

Acq: 21 Oct 2022 11:21

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC001

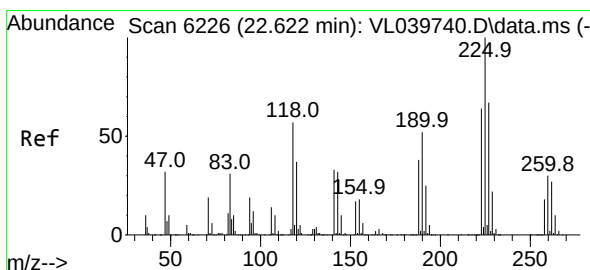
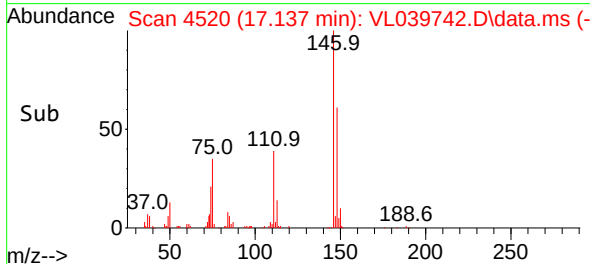
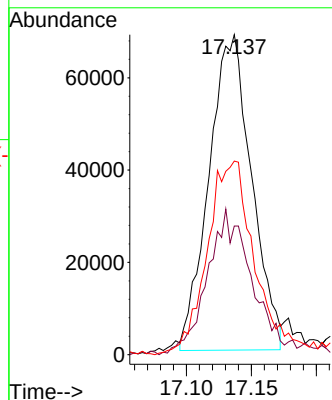
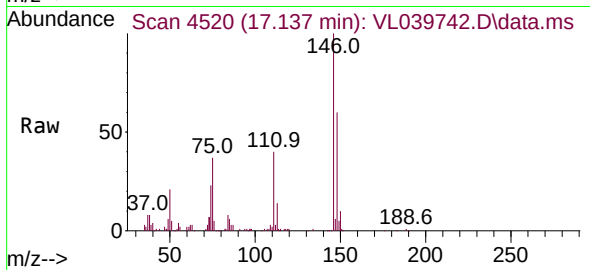
Tgt Ion:146 Resp: 156104

Ion Ratio Lower Upper

146 100

111 50.4 23.6 70.8

148 69.1 32.8 98.3



#78

Hexachloro-1,3-Butadiene

Concen: 0.793 ppbv

RT: 22.622 min Scan# 6226

Delta R.T. 0.000 min

Lab File: VL039742.D

Acq: 21 Oct 2022 11:21

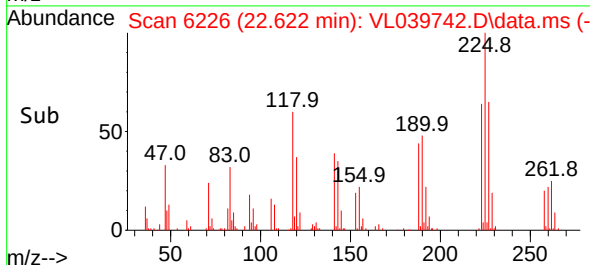
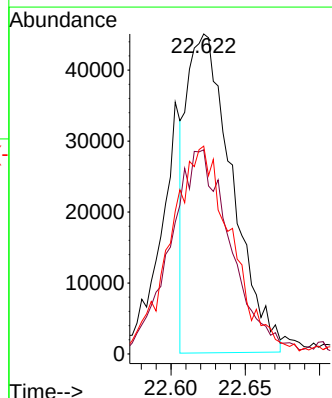
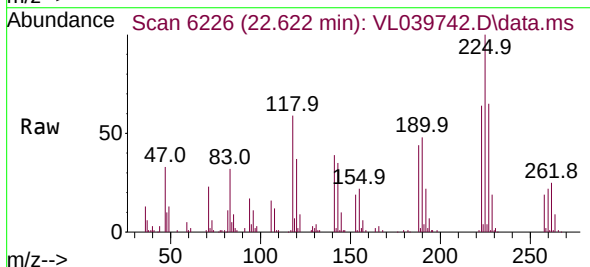
Tgt Ion:225 Resp: 95999

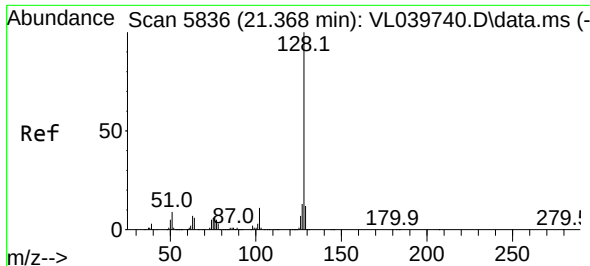
Ion Ratio Lower Upper

225 100

223 87.5 52.4 78.6#

227 90.0 52.7 79.1#

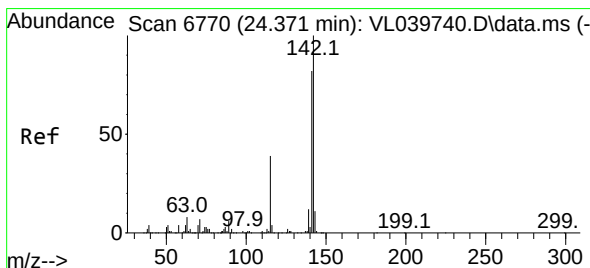
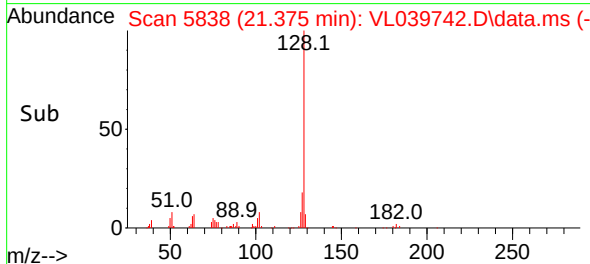
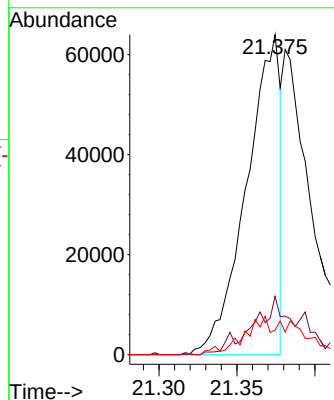
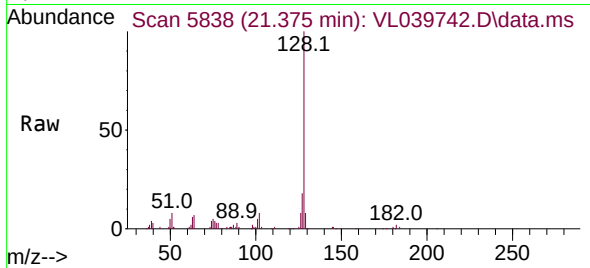




#79
Naphthalene
Concen: 0.570 ppbv
RT: 21.375 min Scan# 5838
Delta R.T. 0.007 min
Lab File: VL039742.D
Acq: 21 Oct 2022 11:21

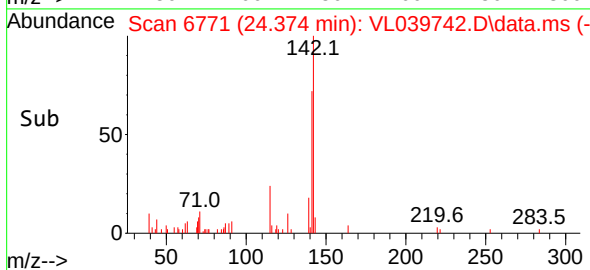
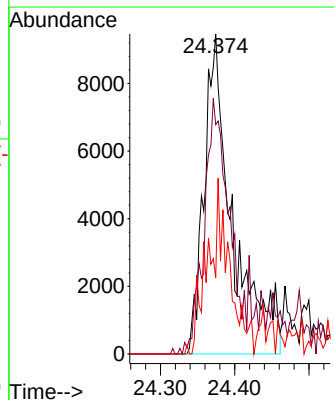
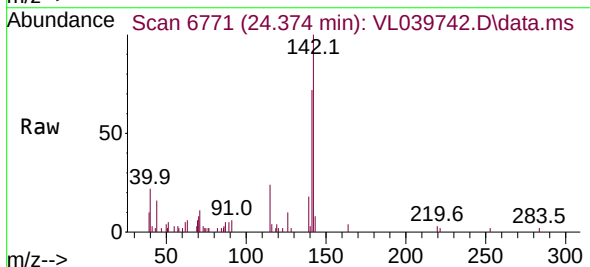
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC001

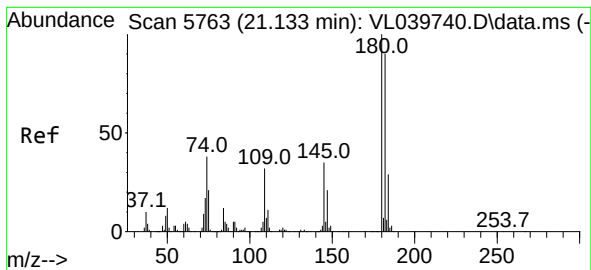
Tgt Ion:128 Resp: 96004
Ion Ratio Lower Upper
128 100
127 18.2 10.8 16.2#
129 7.7 9.4 14.0#



#80
Naphthalene,2-methyl-
Concen: 0.497 ppbv
RT: 24.374 min Scan# 6771
Delta R.T. 0.003 min
Lab File: VL039742.D
Acq: 21 Oct 2022 11:21

Tgt Ion:142 Resp: 24996
Ion Ratio Lower Upper
142 100
141 75.0 70.0 105.0
115 43.6 32.5 48.7





#81
 1,2,4-Trichlorobenzene
 Concen: 0.943 ppbv
 RT: 21.127 min Scan# 51
 Delta R.T. -0.006 min
 Lab File: VL039742.D
 Acq: 21 Oct 2022 11:21

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC001

Tgt Ion:180 Resp: 106466
 Ion Ratio Lower Upper
 180 100
 182 99.0 0.0 0.0#
 184 31.1 0.0 0.0#

