

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL120222\
 Data File : VL039966.D
 Acq On : 2 Dec 2022 11:49
 Operator : SY/MD
 Sample : VL1202ABS01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL1202ABS01

Quant Time: Dec 02 23:22:15 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL111822AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri Dec 02 23:21:36 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.156	49	1107693	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.619	114	3179259	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.432	117	3743451	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.744	95	2418795	8.459	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	84.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.696	85	1948717	12.284	ppbv	95
3) Chlorodifluoromethane	2.642	51	1253354	8.200	ppbv	97
4) Chloromethane	2.780	50	791869	8.107	ppbv	97
5) Vinyl Chloride	2.886	62	676847	8.868	ppbv	99
6) Bromomethane	3.086	94	245489	9.429	ppbv	92
7) Chloroethane	3.166	64	260770	8.644	ppbv	96
8) Dichlorotetrafluoroethane	2.825	85	1701469	9.393	ppbv	98
9) Propene	2.661	41	552051	7.667	ppbv	96
10) Heptane	7.542	43	1443203	8.307	ppbv	99
11) Trichlorofluoromethane	3.529	101	1789142	9.246	ppbv	99
12) 1,1,2-Trichlorotrifluo...	4.031	101	1337041	9.129	ppbv	97
13) Ethanol	3.211	45	25008	4.549	ppbv	84
14) Bromoethene	3.333	108	519995	9.105	ppbv	96
15) Acetone	3.436	43	1162441	7.912	ppbv	99
16) 1,3-Butadiene	2.950	39	629135	8.592	ppbv	99
17) tert-Butyl alcohol	3.844	59	1320712	7.818	ppbv	100
18) 1,1-Dichloroethene	3.844	96	605040	9.057	ppbv	98
19) Isopropyl Alcohol	3.542	45	598741	7.527	ppbv #	32
20) Methylene Chloride	3.899	84	487457	6.848	ppbv	95
21) Allyl Chloride	3.960	41	844891	8.290	ppbv	99
22) trans-1,2-Dichloroethene	4.410	96	624979	9.199	ppbv	98
23) Vinyl Acetate	4.590	43	474692	7.864	ppbv #	98
24) 1,1-Dichloroethane	4.529	63	1265865	8.698	ppbv	99
25) Ethyl Acetate	5.169	43	2501257	9.272	ppbv	99
26) Hexane	5.175	57	1096838	9.308	ppbv	97
27) Carbon Disulfide	4.089	76	1482907	9.968	ppbv	99
28) Methyl tert-Butyl Ether	4.552	73	1233462	8.360	ppbv	98
29) Chloroform	5.237	83	1799782	11.493	ppbv	98
30) Cyclohexane	6.568	84	997885	8.629	ppbv	94
31) cis-1,2-Dichloroethene	5.044	61	968314	8.894	ppbv	92
32) 1,1,1-Trichloroethane	5.966	97	1814670	9.279	ppbv	99
34) 2-Butanone	4.751	43	1353004	8.894	ppbv	98
35) Carbon Tetrachloride	6.458	117	1908643	10.571	ppbv	99
36) Benzene	6.336	78	2452541	9.075	ppbv	98
37) 1,2-Dichloroethane	5.770	62	1382281	9.334	ppbv	100
38) Trichloroethene	7.256	130	1405249	9.302	ppbv	98
39) 1,2-Dichloropropane	7.037	63	917766	8.717	ppbv	95
40) 1,4-Dioxane	7.256	88	373803	8.912	ppbv	95
41) Tetrahydrofuran	5.523	42	903018	8.598	ppbv	97
42) Bromodichloromethane	7.214	83	2013304	10.025	ppbv	99
43) Methyl Methacrylate	7.439	69	964640	9.105	ppbv	98
44) 2,2,4-Trimethylpentane	7.291	57	3935609	8.724	ppbv	99
45) t-1,3-Dichloropropene	8.677	75	917880	9.377	ppbv	98

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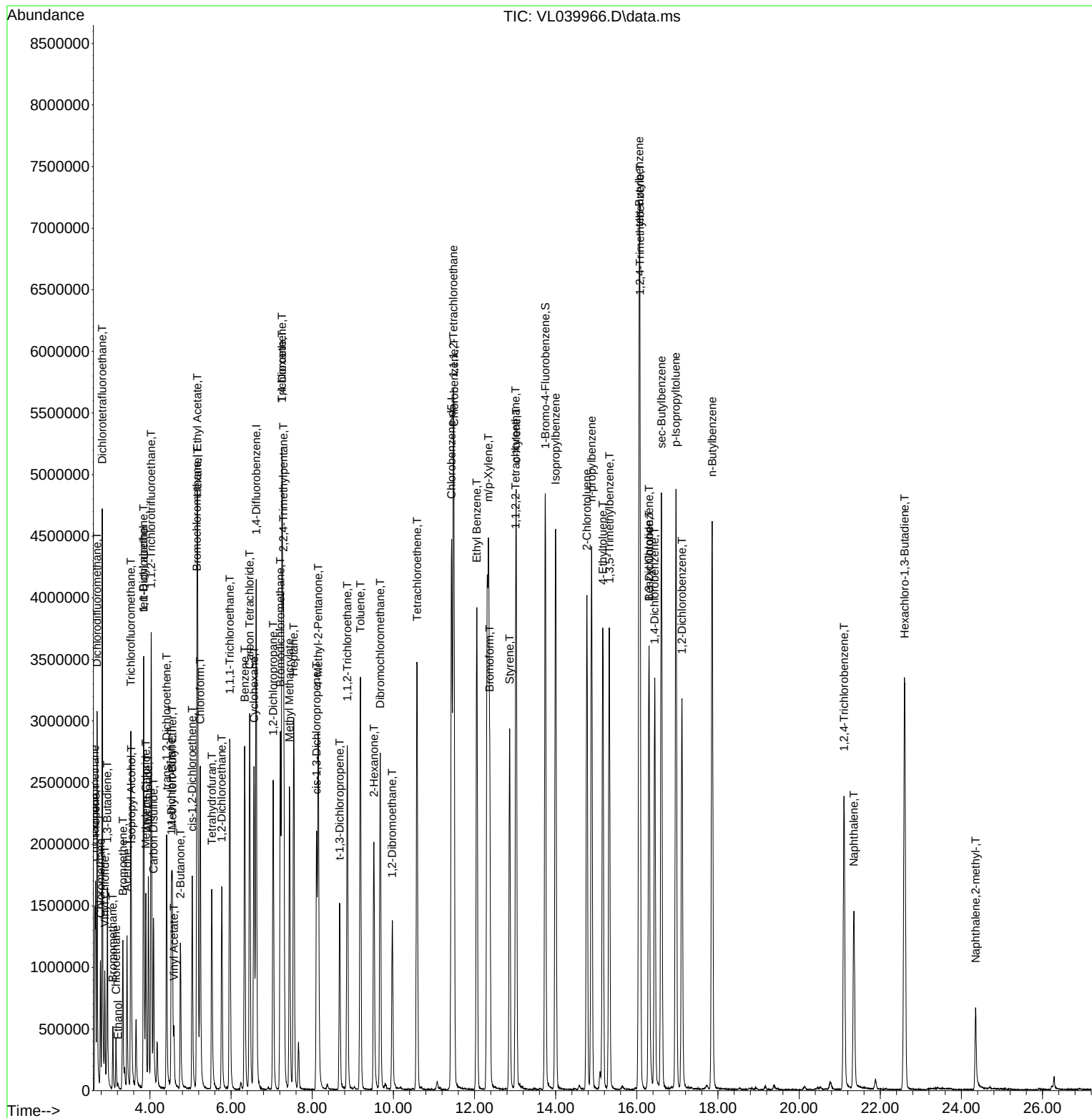
Quant Time: Dec 02 23:22:15 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL111822AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
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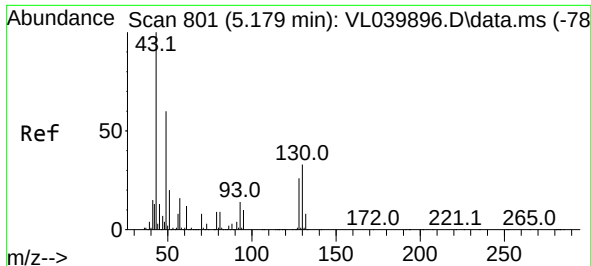
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.105	75	1238165	9.131	ppbv	99
47) 1,1,2-Trichloroethane	8.863	97	1003090	9.270	ppbv	96
48) Dibromochloromethane	9.677	129	1688224	10.652	ppbv	99
49) Bromoform	12.375	173	1329957	10.367	ppbv	99
50) 4-Methyl-2-Pentanone	8.146	43	2408039	8.838	ppbv	99
51) 2-Hexanone	9.519	43	1852932	8.761	ppbv #	99
52) Tetrachloroethene	10.584	164	857726	8.484	ppbv	94
53) Toluene	9.188	91	2827523	9.185	ppbv	98
54) 1,2-Dibromoethane	9.973	107	1156685	10.017	ppbv	96
56) 1,1,1,2-Tetrachloroethane	11.477	131	1205621	7.879	ppbv	98
57) Chlorobenzene	11.494	112	2120028	7.407	ppbv	97
58) Ethyl Benzene	12.056	91	3738613	7.362	ppbv	99
59) m/p-Xylene	12.339	91	3267794	7.688	ppbv #	40
60) o-Xylene	13.027	91	2991832	7.381	ppbv	98
61) Styrene	12.866	104	1806297	7.465	ppbv	100
62) Isopropylbenzene	13.998	105	4304578	7.364	ppbv	98
63) 1,1,2,2-Tetrachloroethane	13.014	83	1018358	7.524	ppbv	100
64) n-propylbenzene	14.886	120	1122665	7.342	ppbv	94
65) tert-Butylbenzene	16.059	119	3659095	7.156	ppbv	100
66) Benzyl Chloride	16.300	91	228383	5.212	ppbv	97
67) sec-Butylbenzene	16.606	105	5074536	7.217	ppbv	98
69) p-Isopropyltoluene	16.963	119	4107789	7.092	ppbv	99
70) n-Butylbenzene	17.857	91	4159007	7.243	ppbv	97
71) 2-Chlorotoluene	14.770	91	3184739	7.188	ppbv	99
72) 4-Ethyltoluene	15.162	105	3416192	7.498	ppbv	99
73) 1,3,5-Trimethylbenzene	15.323	105	3002019	7.197	ppbv	98
74) 1,2,4-Trimethylbenzene	16.079	105	3179651	7.200	ppbv	97
75) 1,3-Dichlorobenzene	16.300	146	1765320	7.105	ppbv	99
76) 1,4-Dichlorobenzene	16.439	146	1730611	7.026	ppbv	98
77) 1,2-Dichlorobenzene	17.114	146	1651388	6.894	ppbv	98
78) Hexachloro-1,3-Butadiene	22.602	225	986113	5.933	ppbv	99
79) Naphthalene	21.348	128	1880770	7.116	ppbv	99
80) Naphthalene,2-methyl-	24.348	142	473177	6.366	ppbv	96
81) 1,2,4-Trichlorobenzene	21.107	180	1057156	6.477	ppbv	99

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

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MSVOA_L
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VL1202ABS01

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Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Fri Dec 02 23:21:36 2022
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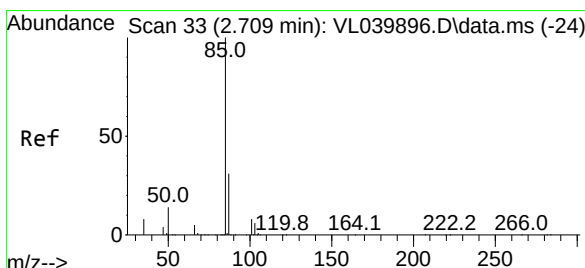
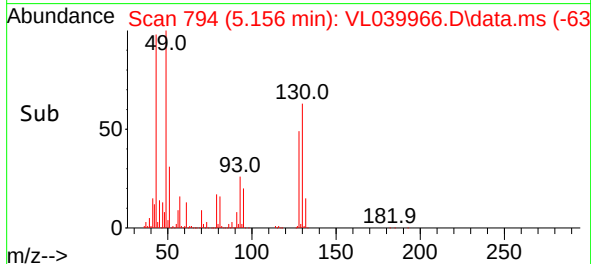
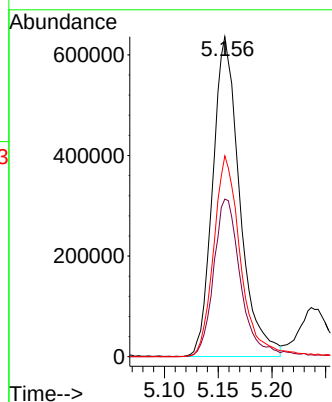
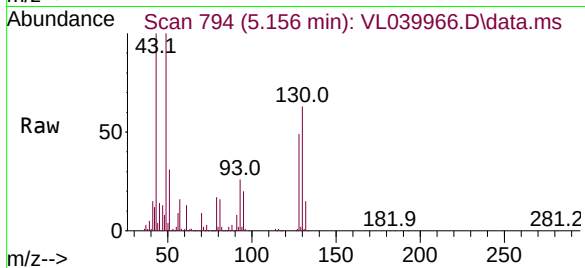




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.156 min Scan# 79
Delta R.T. 0.000 min
Lab File: VL039966.D
Acq: 2 Dec 2022 11:49

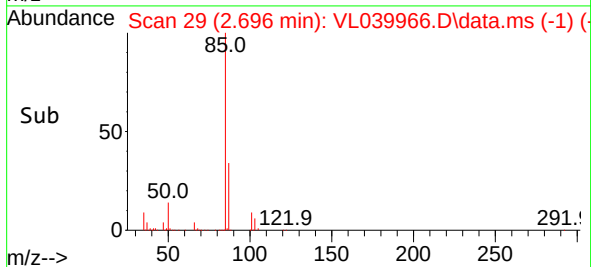
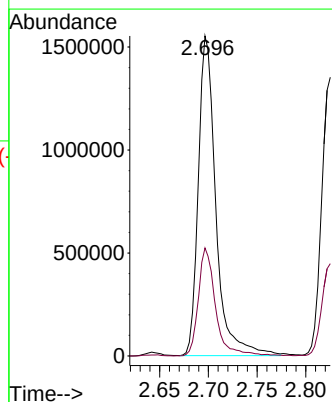
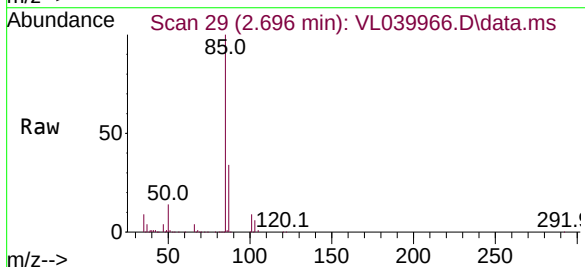
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ClientSampleId :
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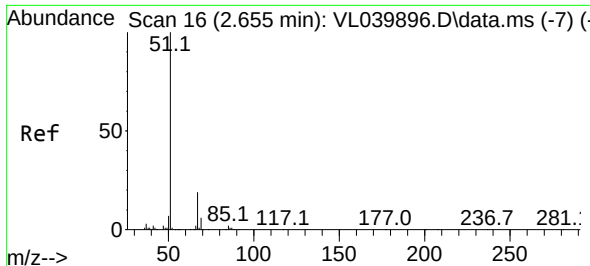
Tgt Ion: 49 Resp: 1107693
Ion Ratio Lower Upper
49 100
128 51.2 22.1 66.3
130 63.7 27.7 83.1



#2
Dichlorodifluoromethane
Concen: 12.284 ppbv
RT: 2.696 min Scan# 29
Delta R.T. -0.000 min
Lab File: VL039966.D
Acq: 2 Dec 2022 11:49

Tgt Ion: 85 Resp: 1948717
Ion Ratio Lower Upper
85 100
87 33.8 25.0 37.4

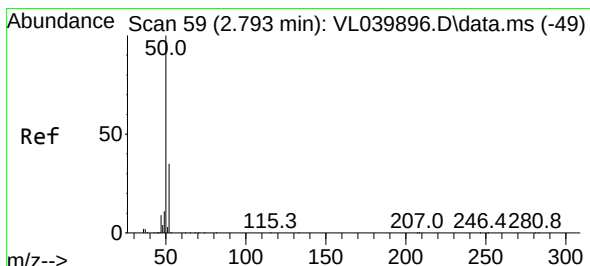
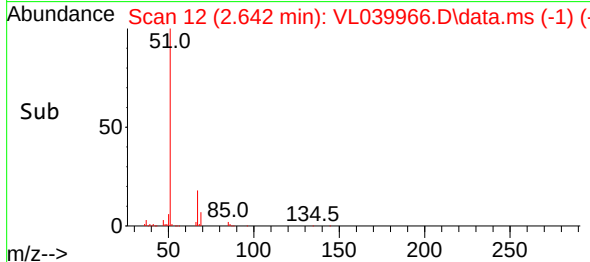
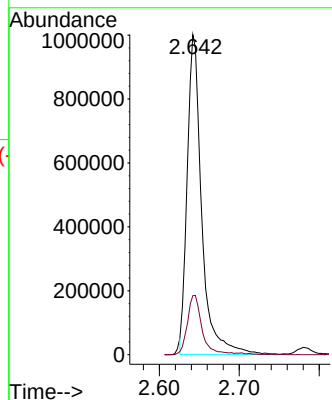
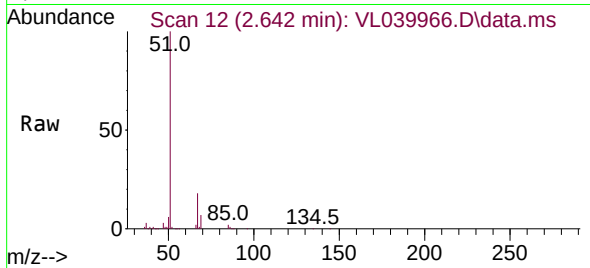




#3
Chlorodifluoromethane
Concen: 8.200 ppbv
RT: 2.642 min Scan# 11
Delta R.T. -0.000 min
Lab File: VL039966.D
Acq: 2 Dec 2022 11:49

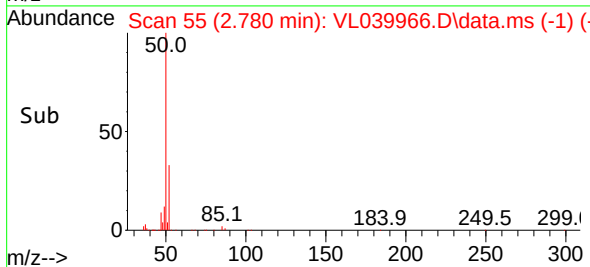
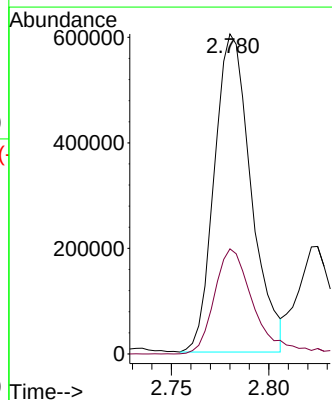
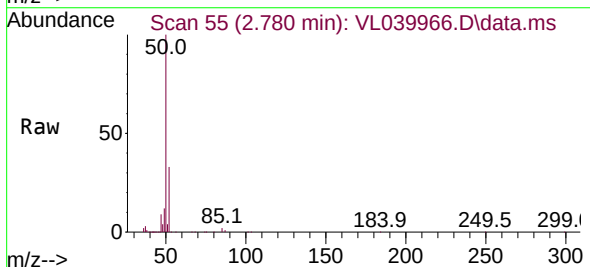
Instrument :
MSVOA_1
ClientSampleId :
VL1202ABS01

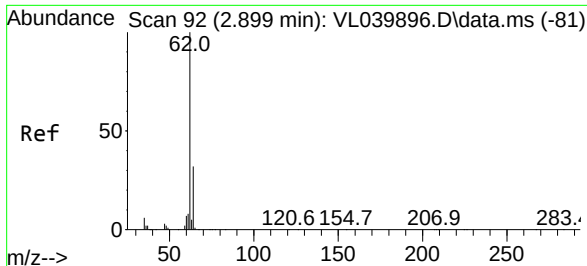
Tgt Ion: 51 Resp: 1253354
Ion Ratio Lower Upper
51 100
67 19.1 14.2 21.4



#4
Chloromethane
Concen: 8.107 ppbv
RT: 2.780 min Scan# 55
Delta R.T. -0.000 min
Lab File: VL039966.D
Acq: 2 Dec 2022 11:49

Tgt Ion: 50 Resp: 791869
Ion Ratio Lower Upper
50 100
52 33.0 27.8 41.8

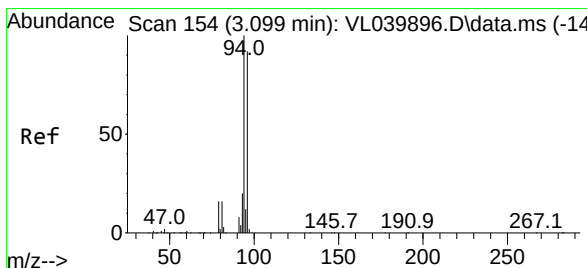
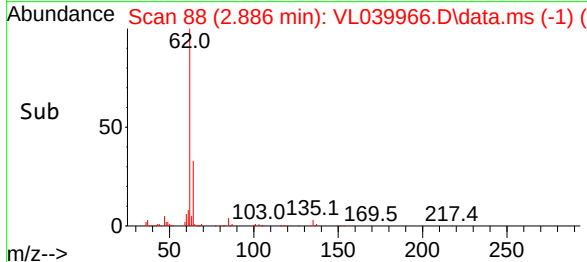
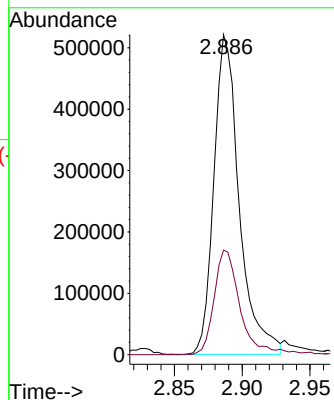
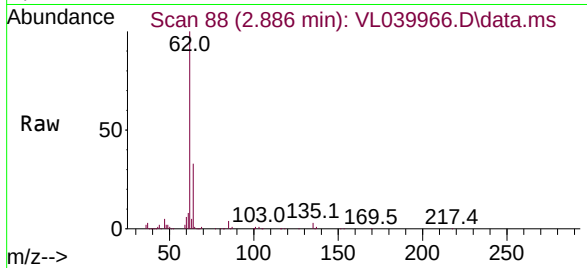




#5
 Vinyl Chloride
 Concen: 8.868 ppbv
 RT: 2.886 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VL039966.D
 Acq: 2 Dec 2022 11:49

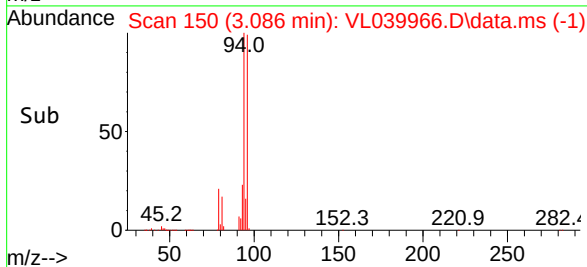
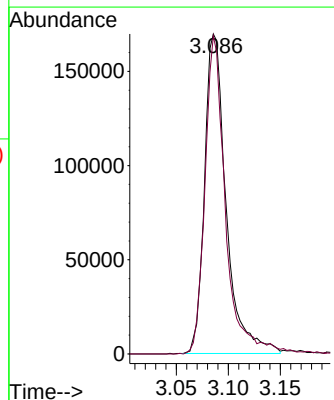
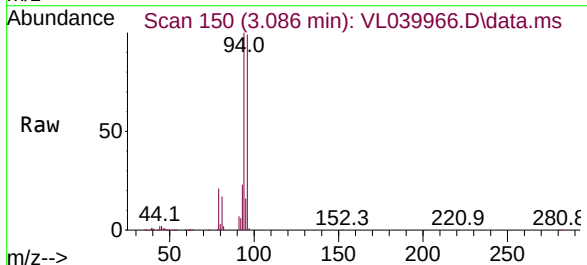
Instrument :
 MSVOA_1
 ClientSampleId :
 VL1202ABS01

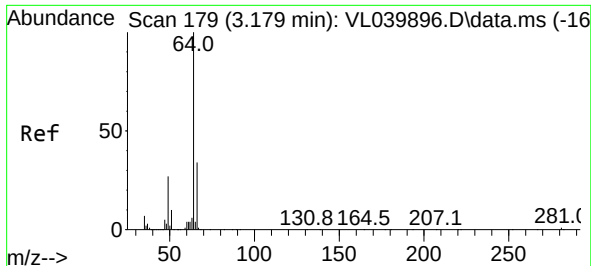
Tgt Ion: 62 Resp: 676847
 Ion Ratio Lower Upper
 62 100
 64 32.7 25.7 38.5



#6
 Bromomethane
 Concen: 9.429 ppbv
 RT: 3.086 min Scan# 150
 Delta R.T. -0.000 min
 Lab File: VL039966.D
 Acq: 2 Dec 2022 11:49

Tgt Ion: 94 Resp: 245489
 Ion Ratio Lower Upper
 94 100
 96 99.4 73.7 110.5

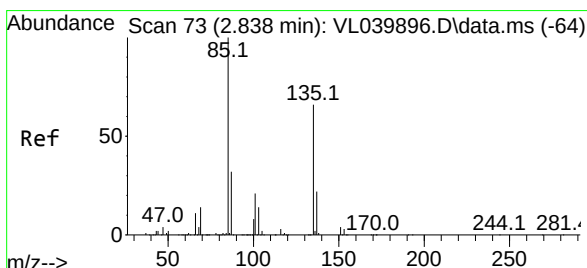
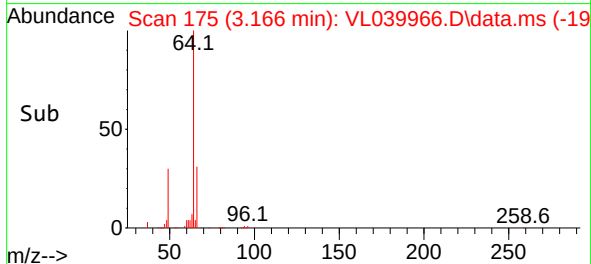
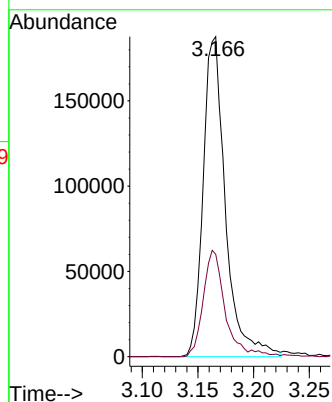
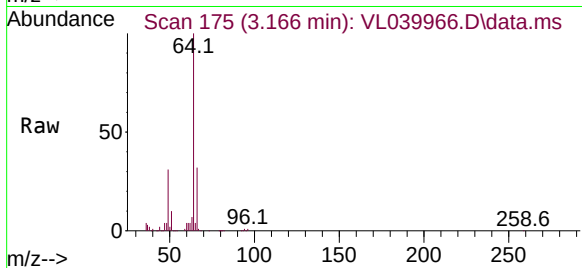




#7
Chloroethane
Concen: 8.644 ppbv
RT: 3.166 min Scan# 11
Delta R.T. 0.003 min
Lab File: VL039966.D
Acq: 2 Dec 2022 11:49

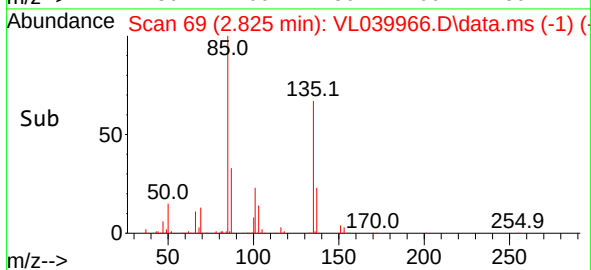
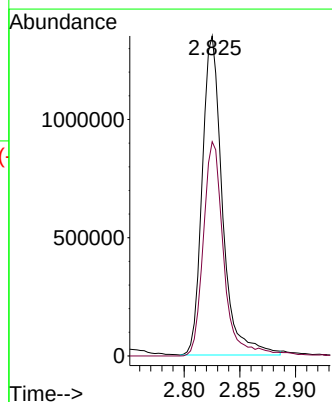
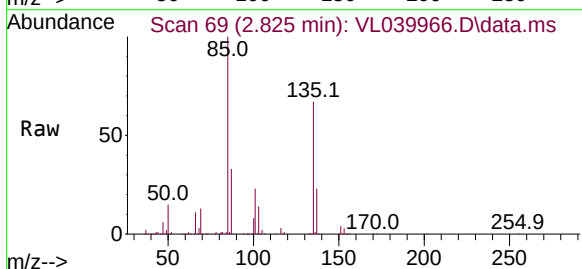
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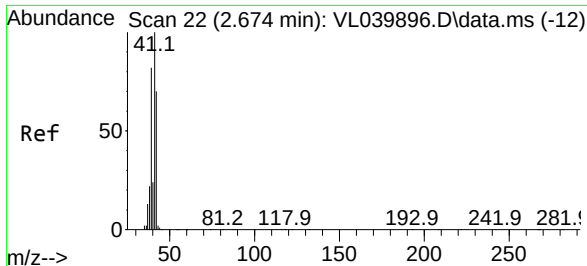
Tgt Ion: 64 Resp: 260770
Ion Ratio Lower Upper
64 100
66 32.0 27.3 40.9



#8
Dichlorotetrafluoroethane
Concen: 9.393 ppbv
RT: 2.825 min Scan# 69
Delta R.T. -0.000 min
Lab File: VL039966.D
Acq: 2 Dec 2022 11:49

Tgt Ion: 85 Resp: 1701469
Ion Ratio Lower Upper
85 100
135 68.9 54.1 81.1

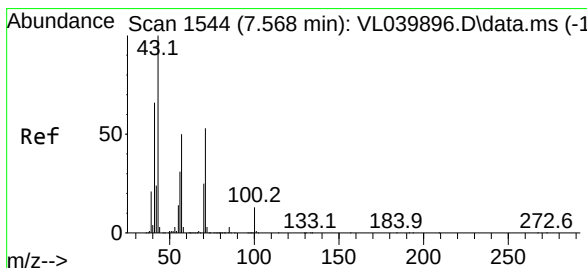
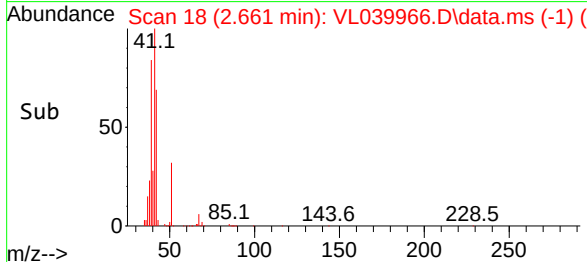
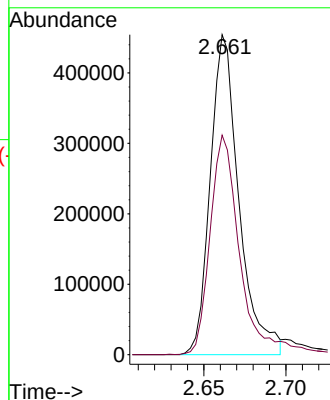
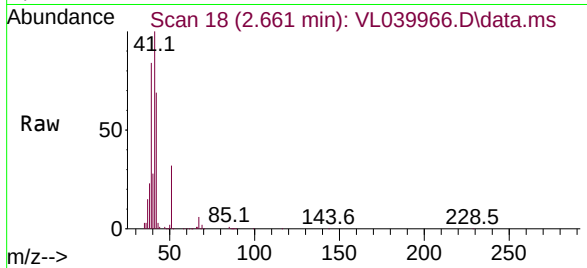




#9
 Propene
 Concen: 7.667 ppbv
 RT: 2.661 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VL039966.D
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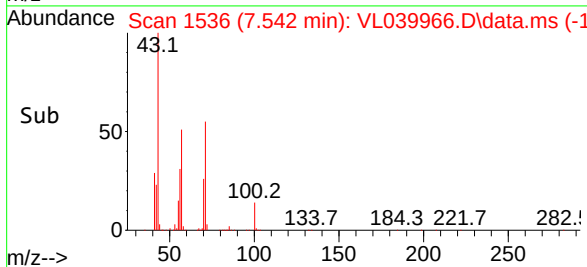
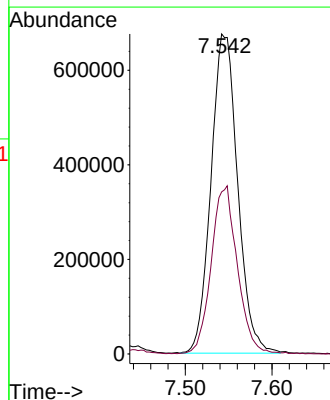
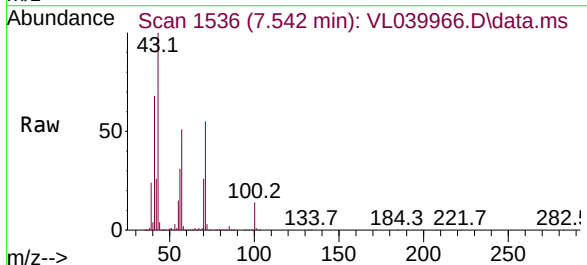
Instrument :
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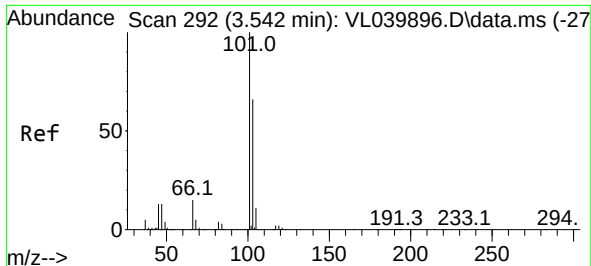
Tgt Ion: 41 Resp: 552051
 Ion Ratio Lower Upper
 41 100
 42 72.6 55.8 83.6



#10
 Heptane
 Concen: 8.307 ppbv
 RT: 7.542 min Scan# 1536
 Delta R.T. -0.003 min
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Tgt Ion: 43 Resp: 1443203
 Ion Ratio Lower Upper
 43 100
 57 51.9 40.7 61.1

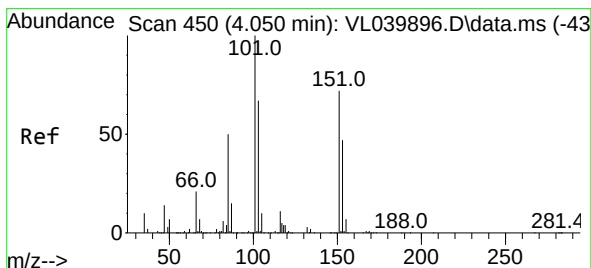
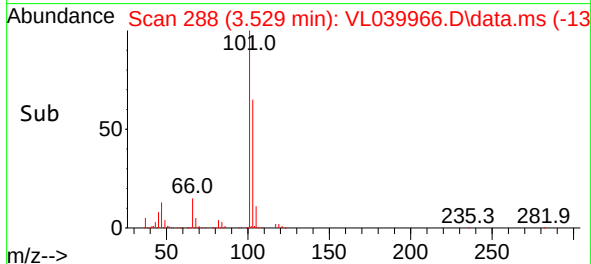
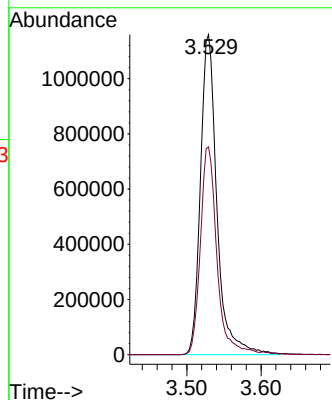
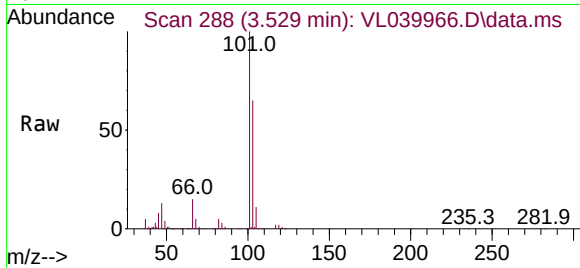




#11
 Trichlorofluoromethane
 Concen: 9.246 ppbv
 RT: 3.529 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VL039966.D
 Acq: 2 Dec 2022 11:49

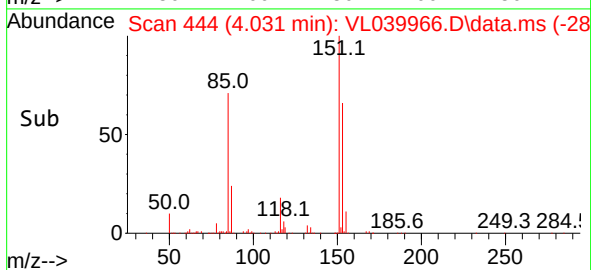
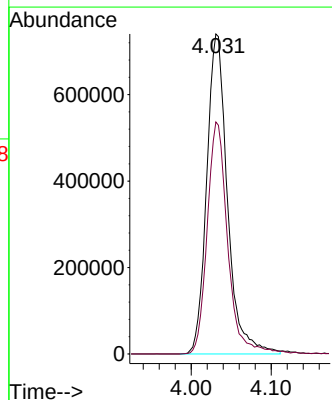
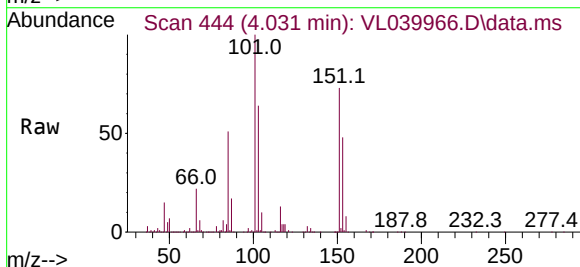
Instrument :
 MSVOA_1
 ClientSampleId :
 VL1202ABS01

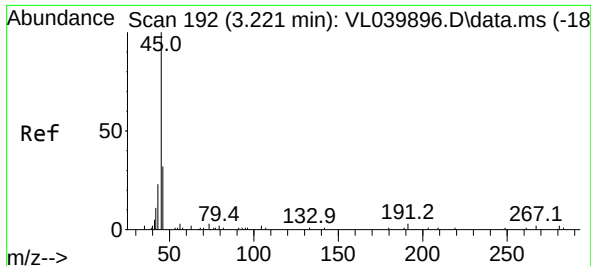
Tgt Ion:101 Resp: 1789142
 Ion Ratio Lower Upper
 101 100
 103 64.9 52.6 78.8



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 9.129 ppbv
 RT: 4.031 min Scan# 444
 Delta R.T. -0.000 min
 Lab File: VL039966.D
 Acq: 2 Dec 2022 11:49

Tgt Ion:101 Resp: 1337041
 Ion Ratio Lower Upper
 101 100
 151 71.9 59.6 89.4

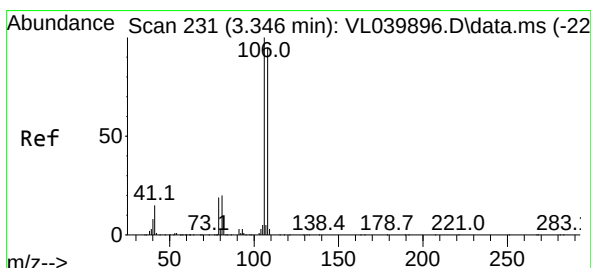
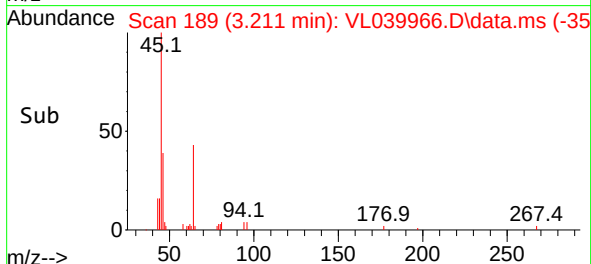
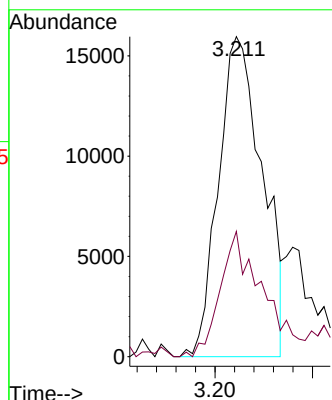
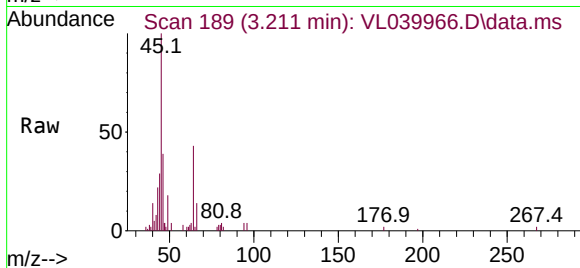




#13
Ethanol
Concen: 4.549 ppbv
RT: 3.211 min Scan# 11
Delta R.T. -0.003 min
Lab File: VL039966.D
Acq: 2 Dec 2022 11:49

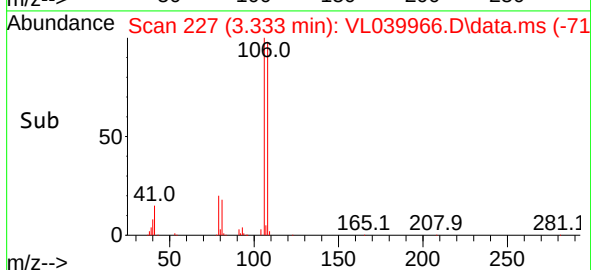
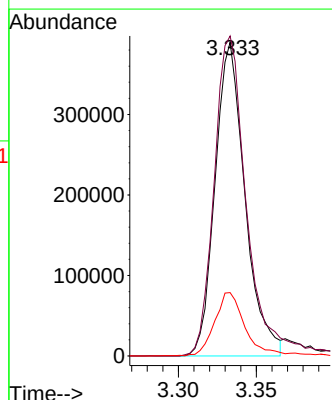
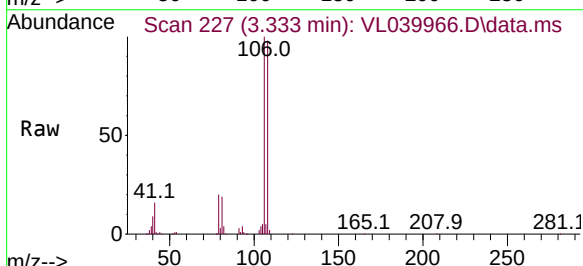
Instrument :
MSVOA_L
ClientSampleId :
VL1202ABS01

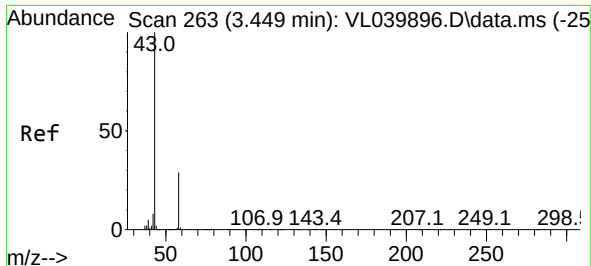
Tgt Ion: 45 Resp: 25008
Ion Ratio Lower Upper
45 100
46 46.0 14.6 58.2



#14
Bromoethene
Concen: 9.105 ppbv
RT: 3.333 min Scan# 227
Delta R.T. 0.003 min
Lab File: VL039966.D
Acq: 2 Dec 2022 11:49

Tgt Ion: 108 Resp: 519995
Ion Ratio Lower Upper
108 100
106 113.0 87.3 130.9
79 21.5 15.9 23.9

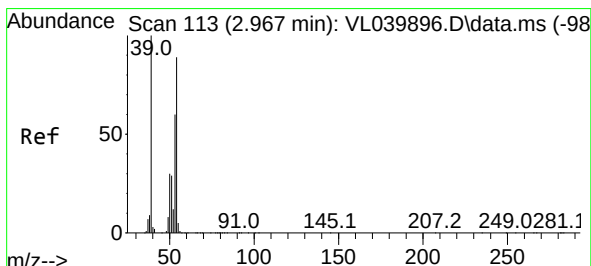
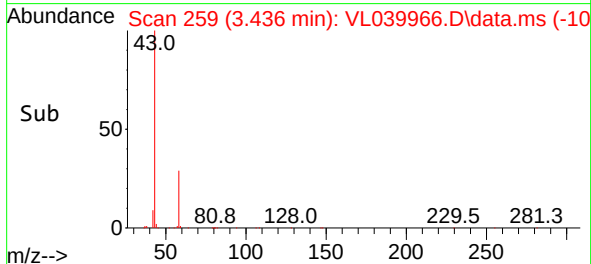
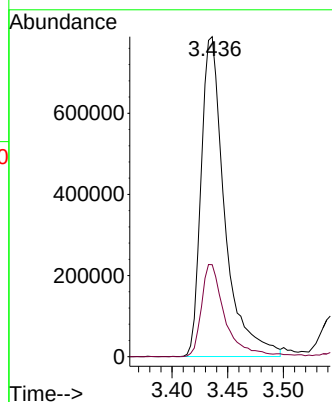
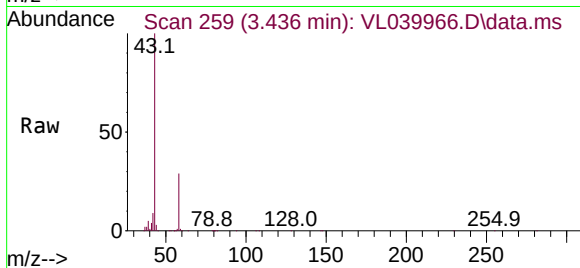




#15
Acetone
Concen: 7.912 ppbv
RT: 3.436 min Scan# 21
Delta R.T. 0.003 min
Lab File: VL039966.D
Acq: 2 Dec 2022 11:49

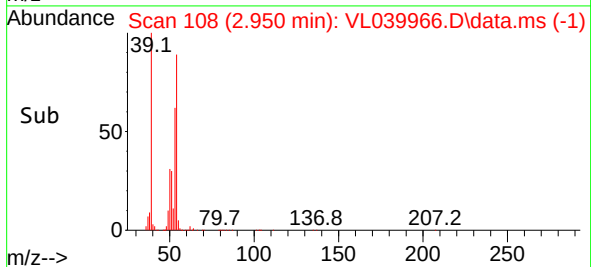
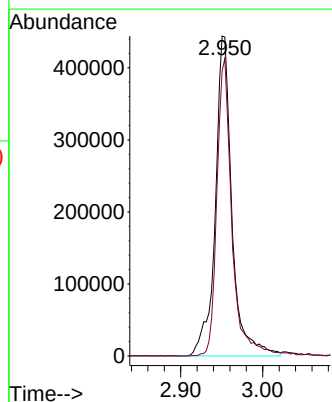
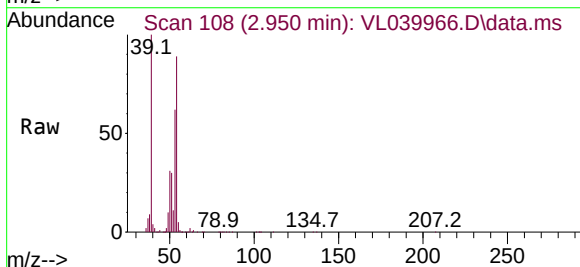
Instrument :
MSVOA_L
ClientSampleId :
VL1202ABS01

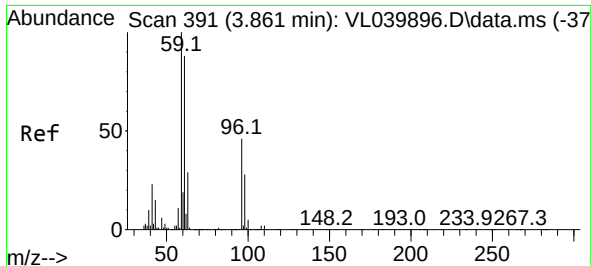
Tgt Ion: 43 Resp: 1162441
Ion Ratio Lower Upper
43 100
58 29.2 22.9 34.3



#16
1,3-Butadiene
Concen: 8.592 ppbv
RT: 2.950 min Scan# 108
Delta R.T. -0.000 min
Lab File: VL039966.D
Acq: 2 Dec 2022 11:49

Tgt Ion: 39 Resp: 629135
Ion Ratio Lower Upper
39 100
54 84.2 66.6 99.8

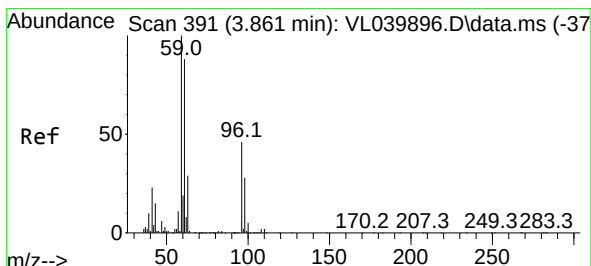
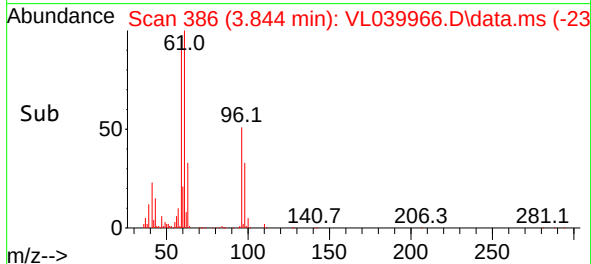
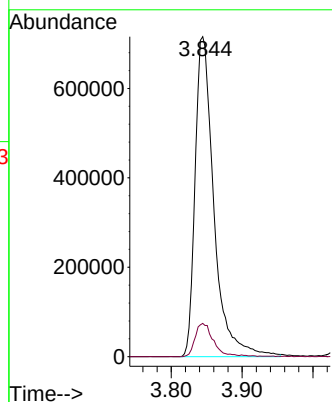
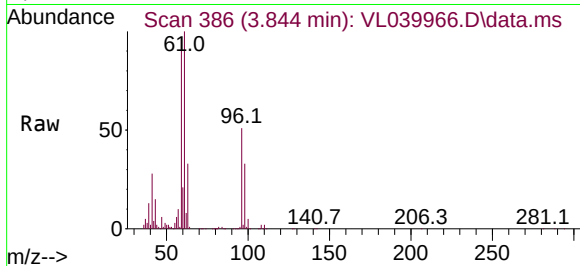




#17
tert-Butyl alcohol
Concen: 7.818 ppbv
RT: 3.844 min Scan# 386
Delta R.T. -0.000 min
Lab File: VL039966.D
Acq: 2 Dec 2022 11:49

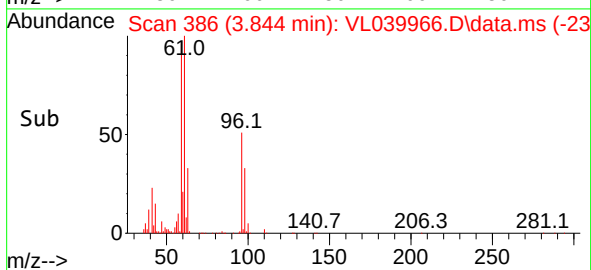
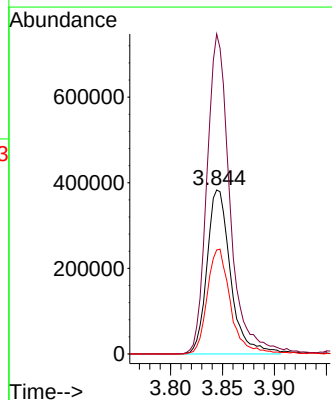
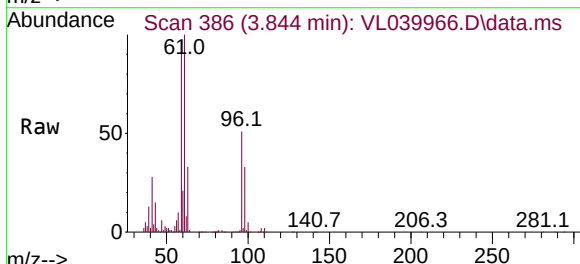
Instrument :
MSVOA_1
ClientSampleId :
VL1202ABS01

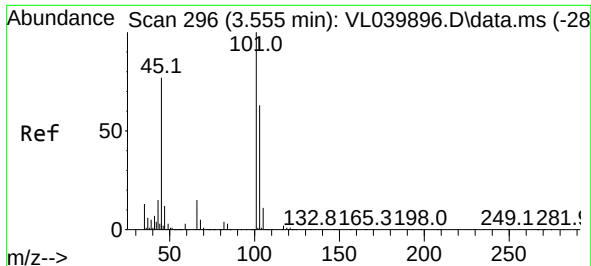
Tgt Ion: 59 Resp: 1320712
Ion Ratio Lower Upper
59 100
57 10.4 8.3 12.5



#18
1,1-Dichloroethene
Concen: 9.057 ppbv
RT: 3.844 min Scan# 386
Delta R.T. -0.000 min
Lab File: VL039966.D
Acq: 2 Dec 2022 11:49

Tgt Ion: 96 Resp: 605040
Ion Ratio Lower Upper
96 100
61 194.9 153.4 230.2
98 63.4 48.9 73.3





#19

Isopropyl Alcohol

Concen: 7.527 ppbv

RT: 3.542 min Scan# 296

Delta R.T. -0.000 min

Lab File: VL039966.D

Acq: 2 Dec 2022 11:49

Instrument :

MSVOA_L

ClientSampleId :

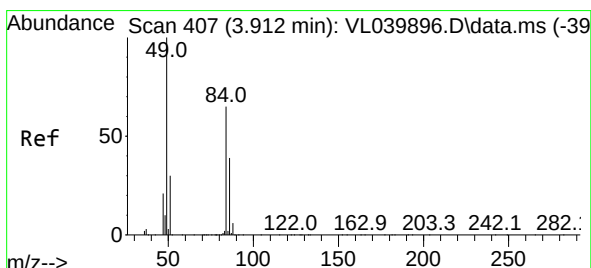
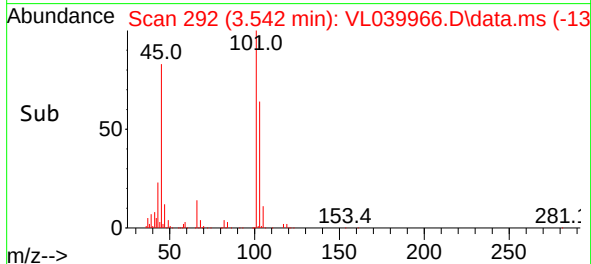
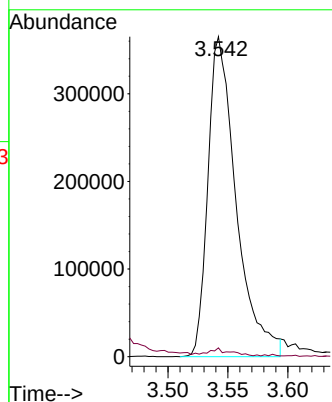
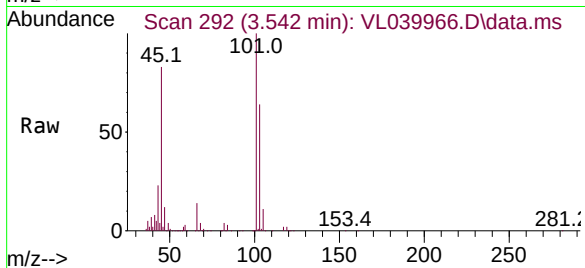
VL1202ABS01

Tgt Ion: 45 Resp: 598741

Ion Ratio Lower Upper

45 100

58 2.0 38.7 58.1#



#20

Methylene Chloride

Concen: 6.848 ppbv

RT: 3.899 min Scan# 403

Delta R.T. 0.003 min

Lab File: VL039966.D

Acq: 2 Dec 2022 11:49

Tgt Ion: 84 Resp: 487457

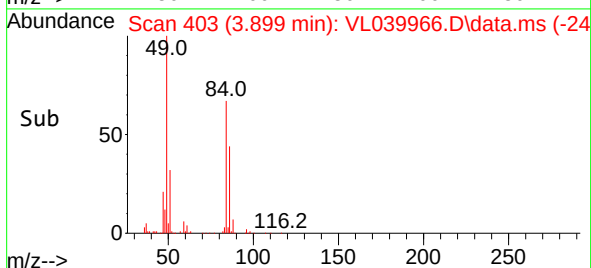
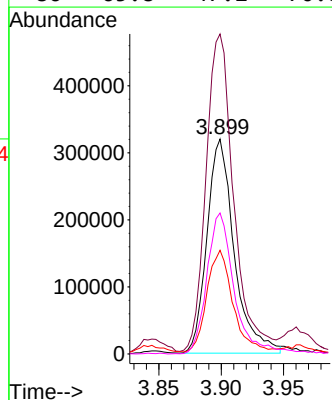
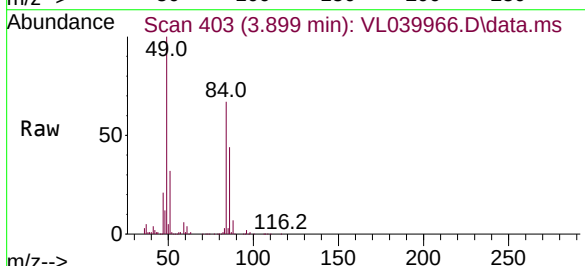
Ion Ratio Lower Upper

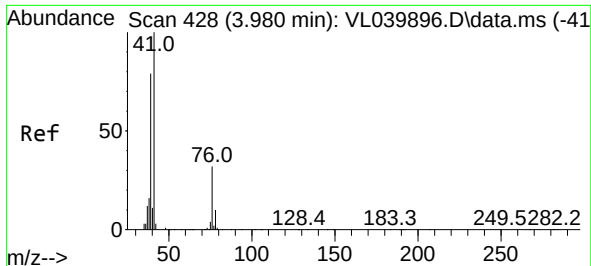
84 100

49 148.3 122.2 183.4

51 47.4 36.3 54.5

86 65.8 47.2 70.8





#21

Allyl Chloride

Concen: 8.290 ppbv

RT: 3.960 min Scan# 41

Delta R.T. -0.000 min

Lab File: VL039966.D

Acq: 2 Dec 2022 11:49

Instrument :

MSVOA_1

ClientSampleId :

VL1202ABS01

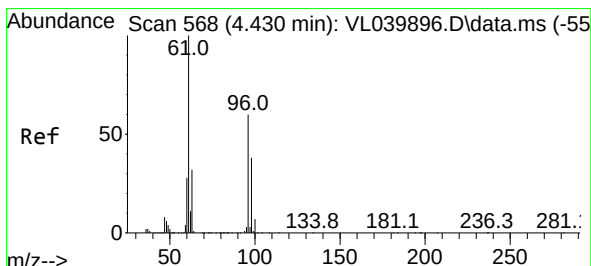
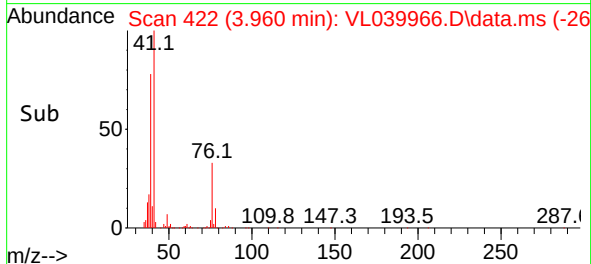
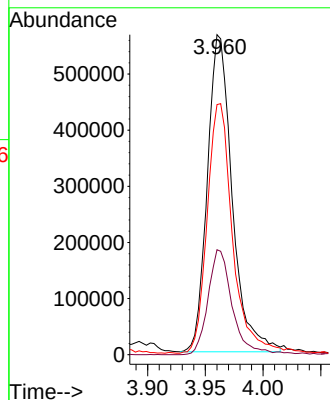
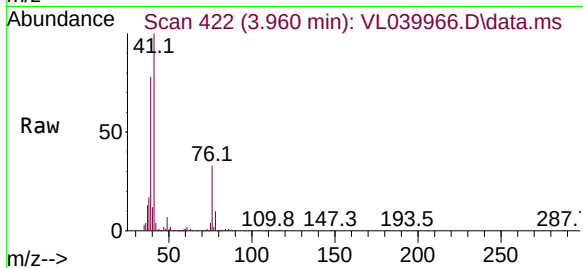
Tgt Ion: 41 Resp: 844891

Ion Ratio Lower Upper

41 100

76 32.6 25.6 38.4

39 81.8 65.2 97.8



#22

trans-1,2-Dichloroethene

Concen: 9.199 ppbv

RT: 4.410 min Scan# 562

Delta R.T. -0.000 min

Lab File: VL039966.D

Acq: 2 Dec 2022 11:49

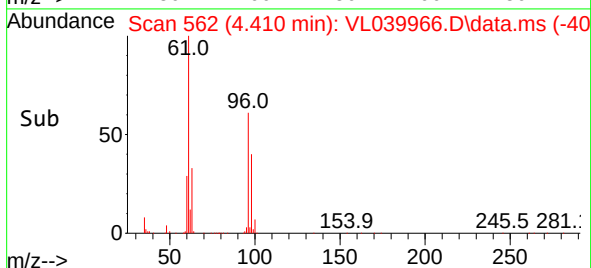
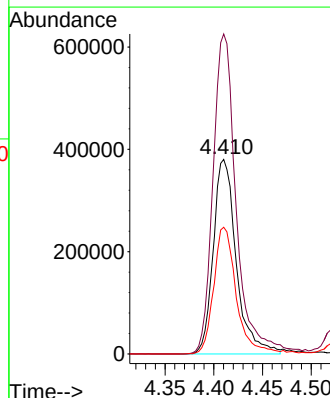
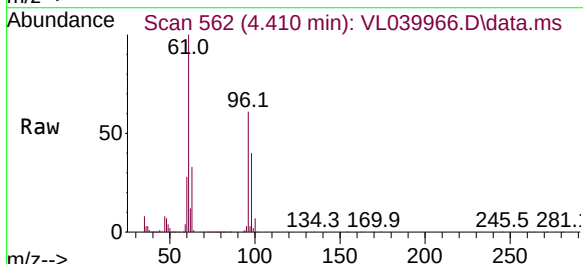
Tgt Ion: 96 Resp: 624979

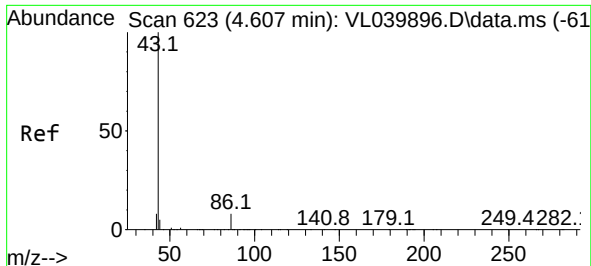
Ion Ratio Lower Upper

96 100

61 164.5 134.1 201.1

98 65.2 50.4 75.6

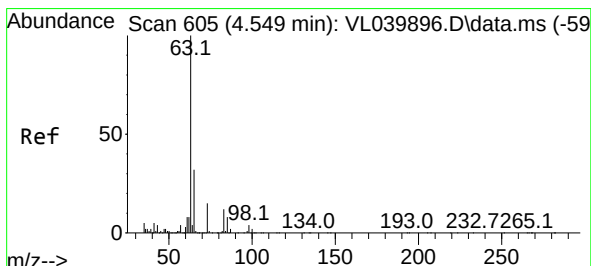
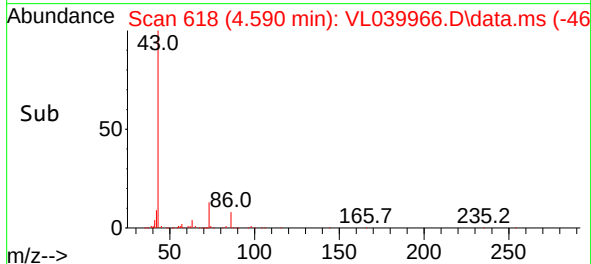
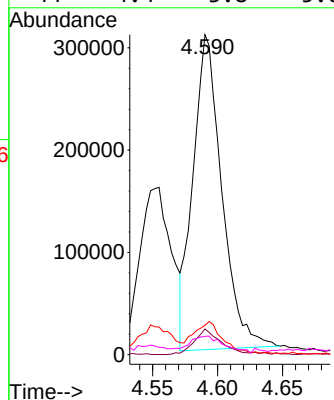
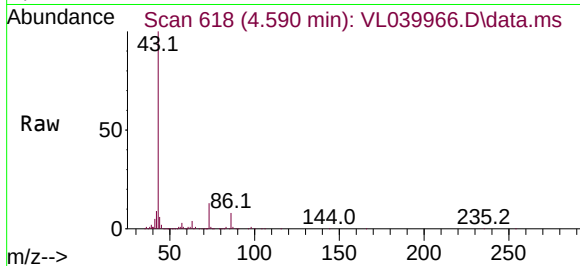




#23
 Vinyl Acetate
 Concen: 7.864 ppbv
 RT: 4.590 min Scan# 61
 Delta R.T. -0.003 min
 Lab File: VL039966.D
 Acq: 2 Dec 2022 11:49

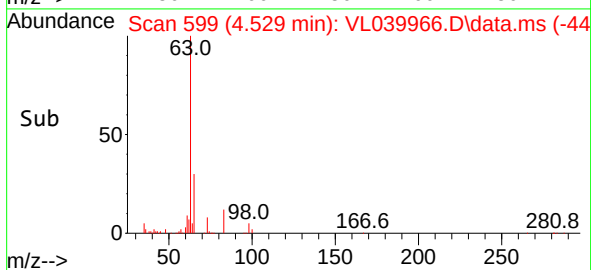
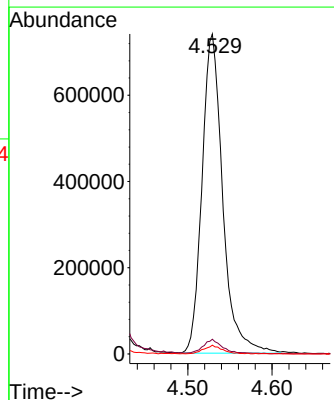
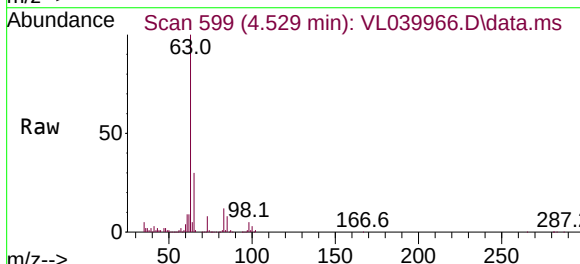
Instrument :
 MSVOA_1
 ClientSampleId :
 VL1202ABS01

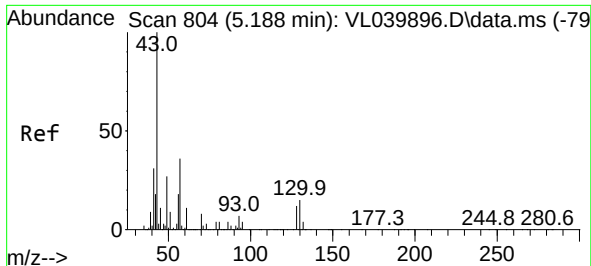
Tgt Ion: 43 Resp: 474692
 Ion Ratio Lower Upper
 43 100
 86 8.0 5.0 7.4#
 42 9.0 7.6 11.4
 44 4.4 3.8 5.6



#24
 1,1-Dichloroethane
 Concen: 8.698 ppbv
 RT: 4.529 min Scan# 599
 Delta R.T. -0.000 min
 Lab File: VL039966.D
 Acq: 2 Dec 2022 11:49

Tgt Ion: 63 Resp: 1265865
 Ion Ratio Lower Upper
 63 100
 98 4.5 2.1 6.5
 100 2.7 1.1 3.5





#25

Ethyl Acetate

Concen: 9.272 ppbv

RT: 5.169 min Scan# 79

Delta R.T. -0.000 min

Lab File: VL039966.D

Acq: 2 Dec 2022 11:49

Instrument :

MSVOA_1

ClientSampleId :

VL1202ABS01

Tgt Ion: 43 Resp: 2501257

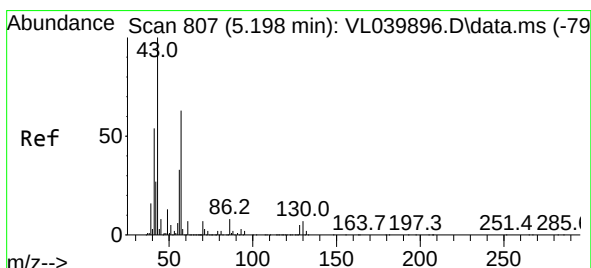
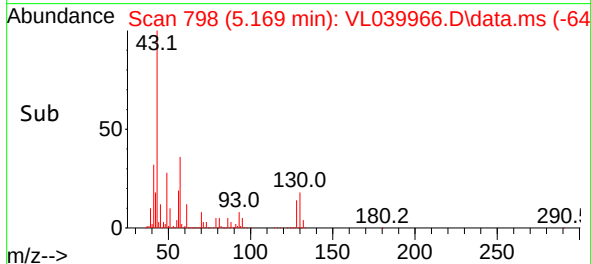
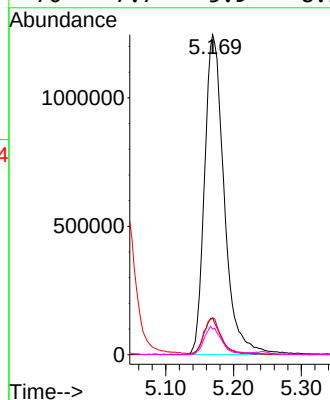
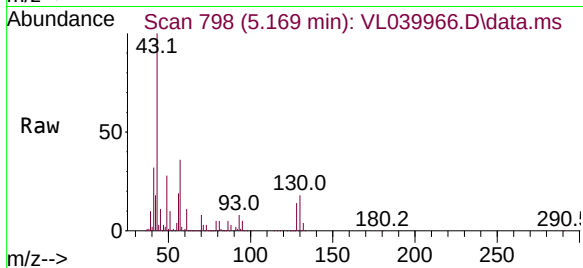
Ion Ratio Lower Upper

43 100

45 10.1 8.4 12.6

61 10.5 8.5 12.7

70 7.7 5.9 8.9



#26

Hexane

Concen: 9.308 ppbv

RT: 5.175 min Scan# 800

Delta R.T. -0.000 min

Lab File: VL039966.D

Acq: 2 Dec 2022 11:49

Tgt Ion: 57 Resp: 1096838

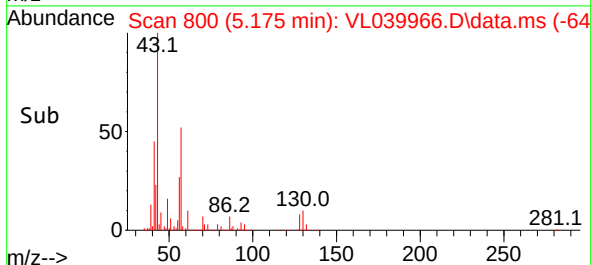
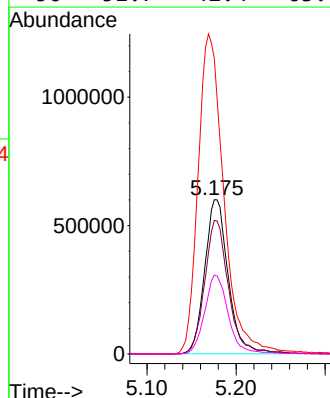
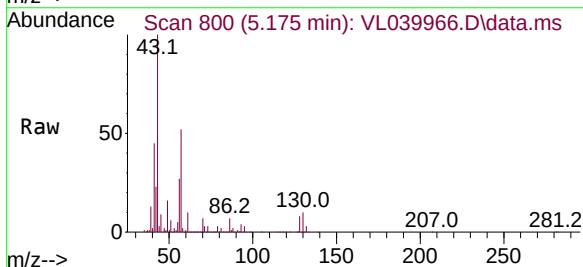
Ion Ratio Lower Upper

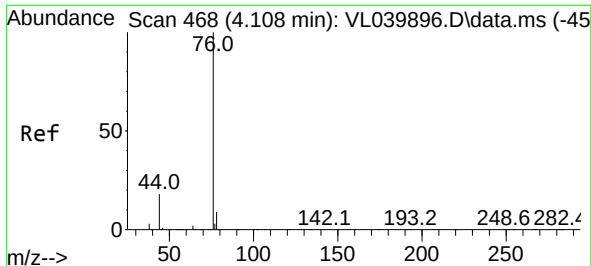
57 100

41 88.9 72.3 108.5

43 230.3 188.7 283.1

56 51.7 42.4 63.6

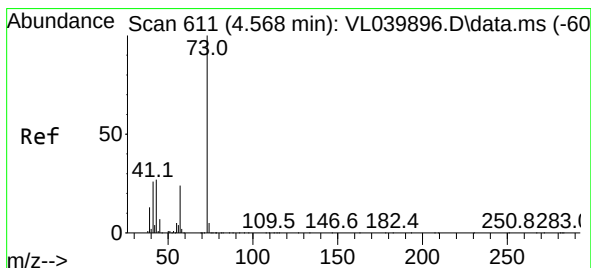
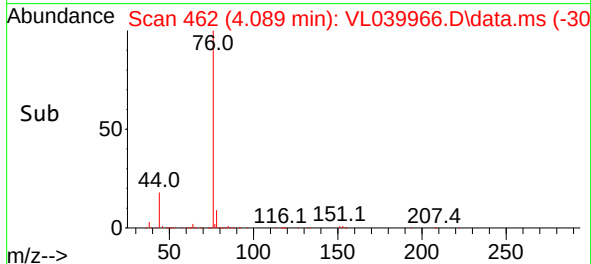
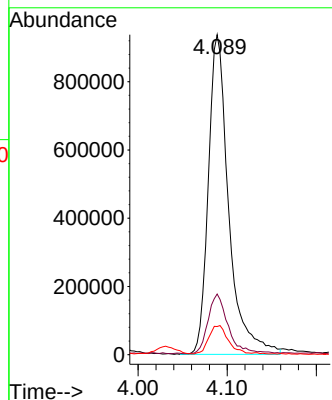
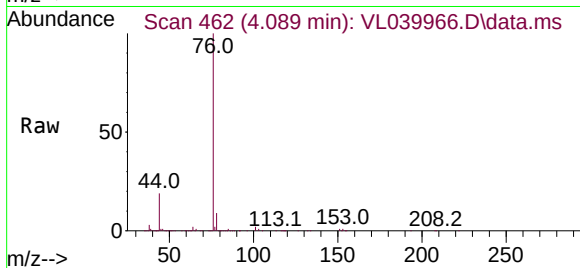




#27
Carbon Disulfide
Concen: 9.968 ppbv
RT: 4.089 min Scan# 406
Delta R.T. 0.003 min
Lab File: VL039966.D
Acq: 2 Dec 2022 11:49

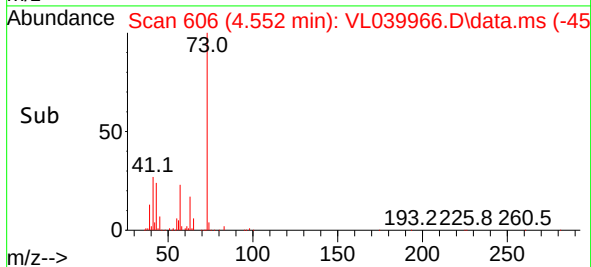
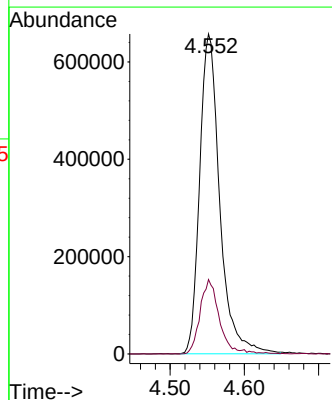
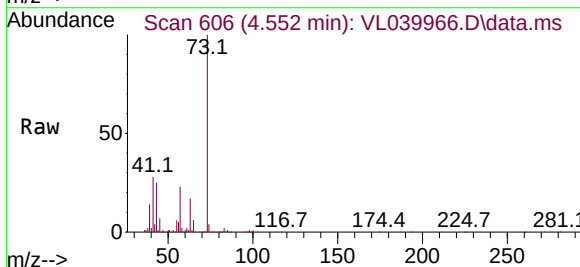
Instrument :
MSVOA_1
ClientSampleId :
VL1202ABS01

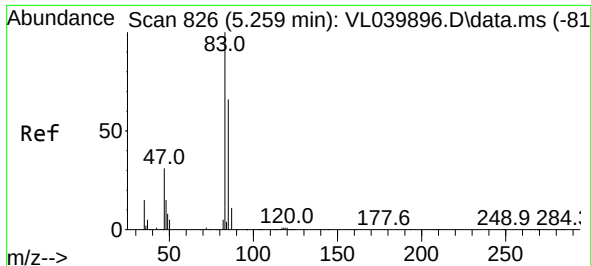
Tgt Ion: 76 Resp: 1482907
Ion Ratio Lower Upper
76 100
44 18.9 14.7 22.1
78 9.7 7.8 11.8



#28
Methyl tert-Butyl Ether
Concen: 8.360 ppbv
RT: 4.552 min Scan# 606
Delta R.T. 0.003 min
Lab File: VL039966.D
Acq: 2 Dec 2022 11:49

Tgt Ion: 73 Resp: 1233462
Ion Ratio Lower Upper
73 100
57 22.5 18.9 28.3





#29

Chloroform

Concen: 11.493 ppbv

RT: 5.237 min Scan# 81

Delta R.T. -0.000 min

Lab File: VL039966.D

Acq: 2 Dec 2022 11:49

Instrument :

MSVOA_L

ClientSampleId :

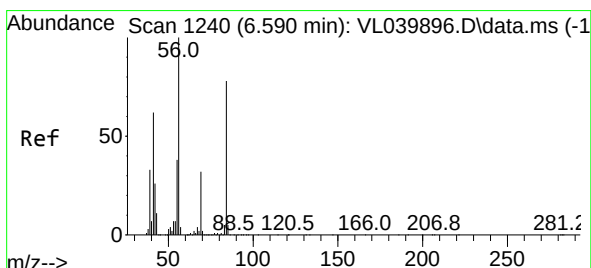
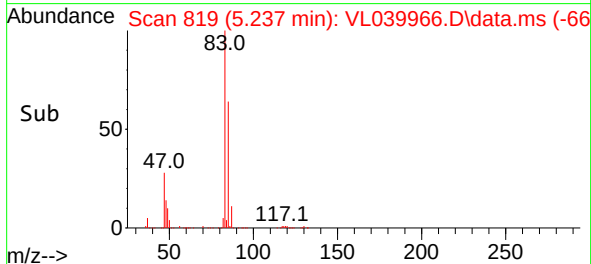
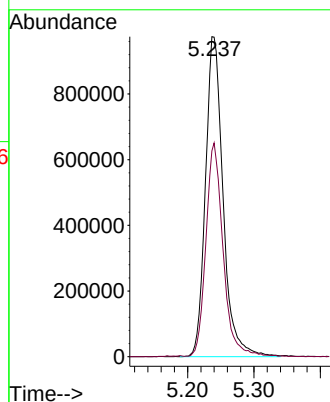
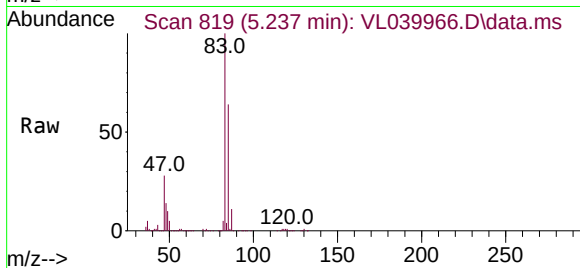
VL1202ABS01

Tgt Ion: 83 Resp: 1799782

Ion Ratio Lower Upper

83 100

85 64.1 52.4 78.6



#30

Cyclohexane

Concen: 8.629 ppbv

RT: 6.568 min Scan# 1233

Delta R.T. 0.003 min

Lab File: VL039966.D

Acq: 2 Dec 2022 11:49

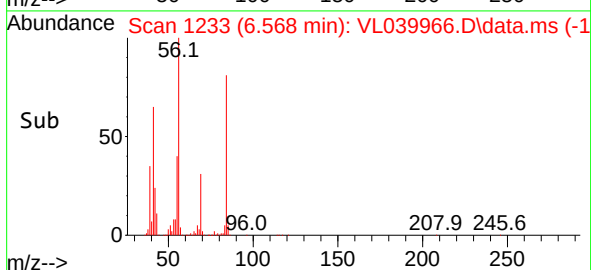
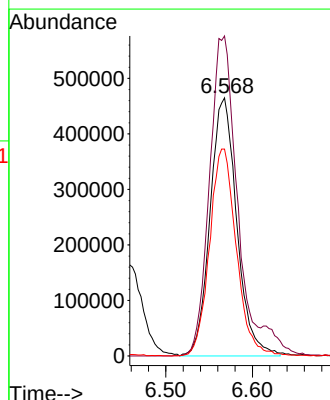
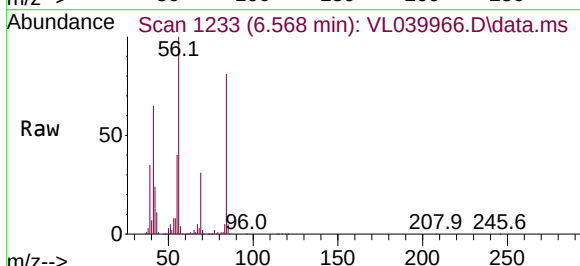
Tgt Ion: 84 Resp: 997885

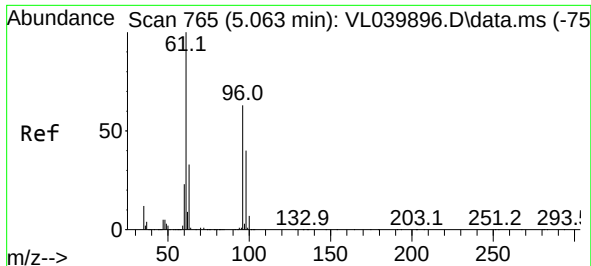
Ion Ratio Lower Upper

84 100

56 133.1 112.5 168.7

41 80.5 67.8 101.8

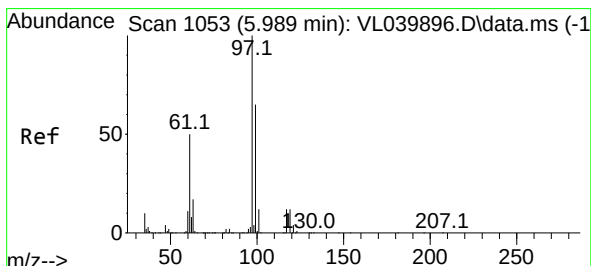
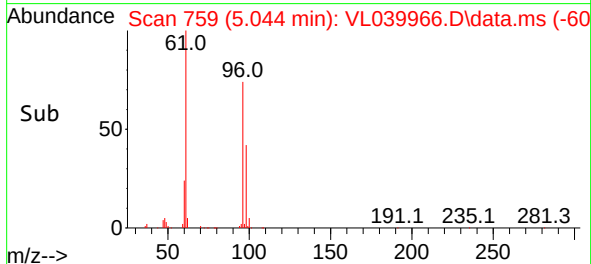
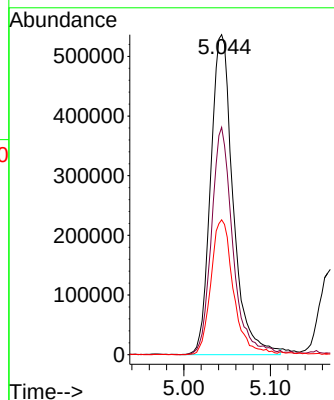
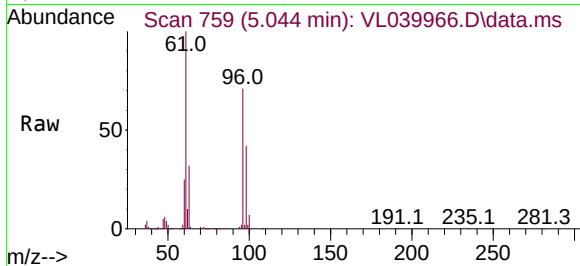




#31
 cis-1,2-Dichloroethene
 Concen: 8.894 ppbv
 RT: 5.044 min Scan# 71
 Delta R.T. 0.003 min
 Lab File: VL039966.D
 Acq: 2 Dec 2022 11:49

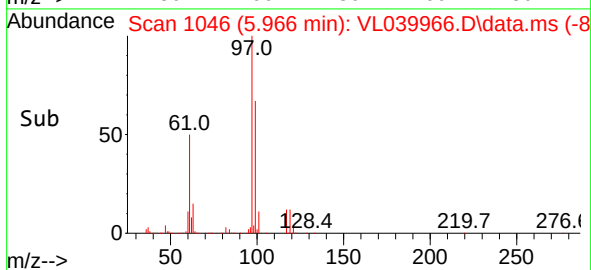
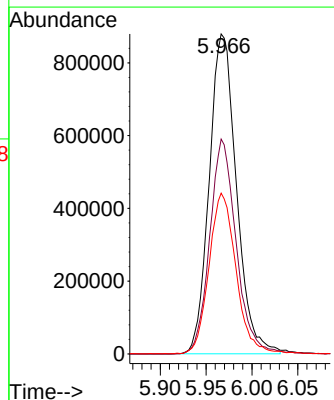
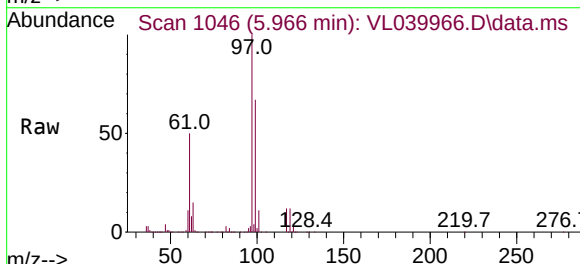
Instrument :
 MSVOA_1
 ClientSampleId :
 VL1202ABS01

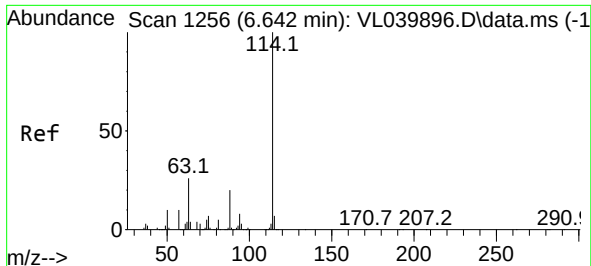
Tgt Ion: 61 Resp: 968314
 Ion Ratio Lower Upper
 61 100
 96 71.0 50.3 75.5
 98 42.1 32.2 48.2



#32
 1,1,1-Trichloroethane
 Concen: 9.279 ppbv
 RT: 5.966 min Scan# 1046
 Delta R.T. -0.000 min
 Lab File: VL039966.D
 Acq: 2 Dec 2022 11:49

Tgt Ion: 97 Resp: 1814670
 Ion Ratio Lower Upper
 97 100
 99 65.5 51.4 77.0
 61 50.1 40.7 61.1





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.619 min Scan# 1

Delta R.T. -0.000 min

Lab File: VL039966.D

Acq: 2 Dec 2022 11:49

Instrument :

MSVOA_L

ClientSampleId :

VL1202ABS01

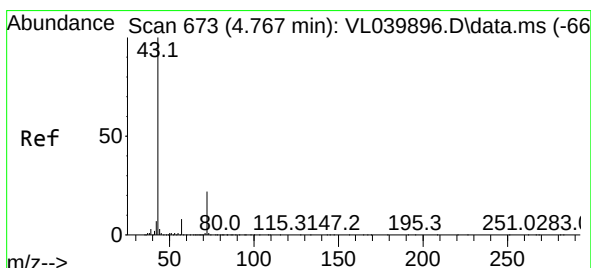
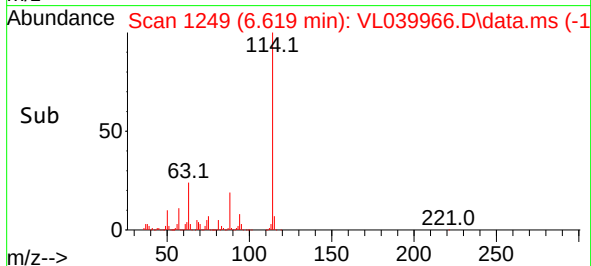
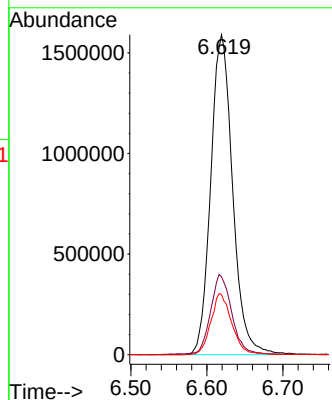
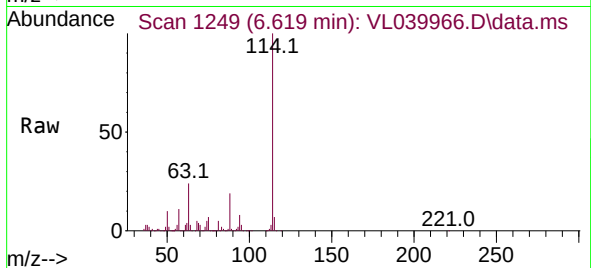
Tgt Ion:114 Resp: 3179259

Ion Ratio Lower Upper

114 100

63 24.6 21.4 32.0

88 18.4 15.3 22.9



#34

2-Butanone

Concen: 8.894 ppbv

RT: 4.751 min Scan# 668

Delta R.T. -0.000 min

Lab File: VL039966.D

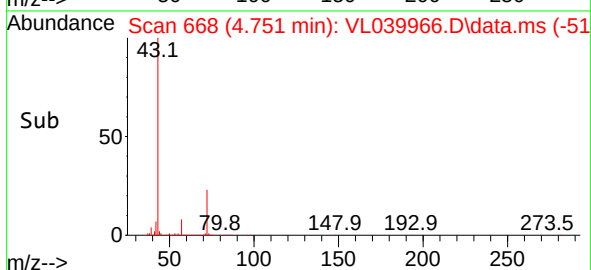
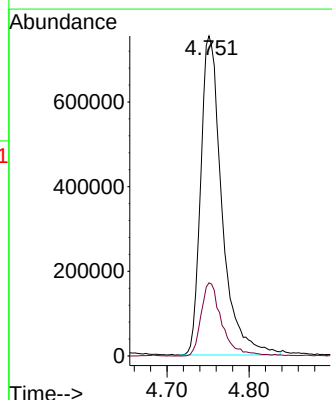
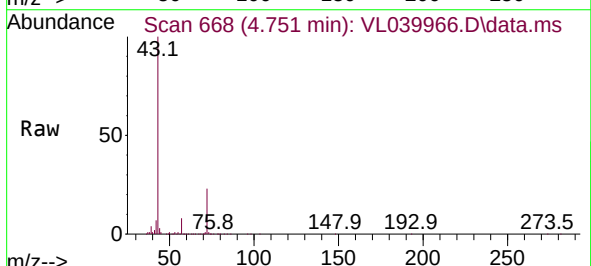
Acq: 2 Dec 2022 11:49

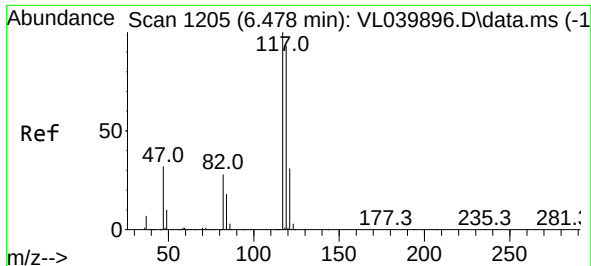
Tgt Ion: 43 Resp: 1353004

Ion Ratio Lower Upper

43 100

72 22.8 17.4 26.2

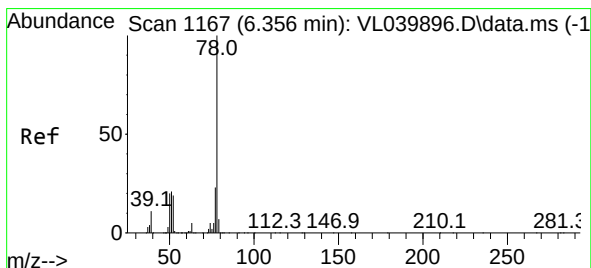
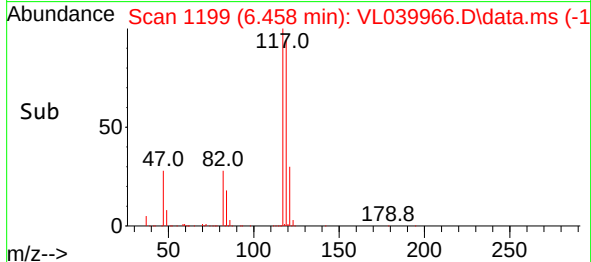
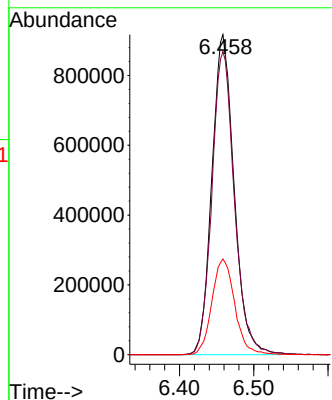
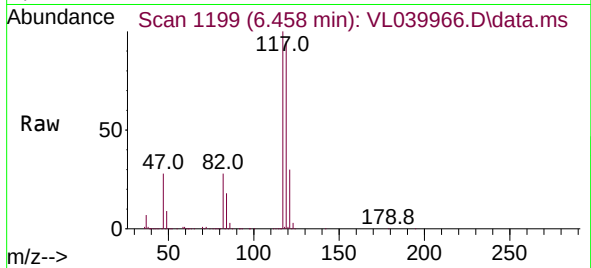




#35
Carbon Tetrachloride
Concen: 10.571 ppbv
RT: 6.458 min Scan# 1199
Delta R.T. 0.003 min
Lab File: VL039966.D
Acq: 2 Dec 2022 11:49

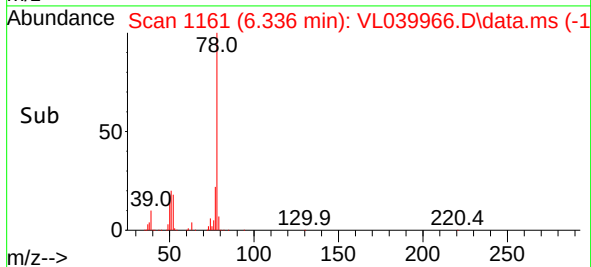
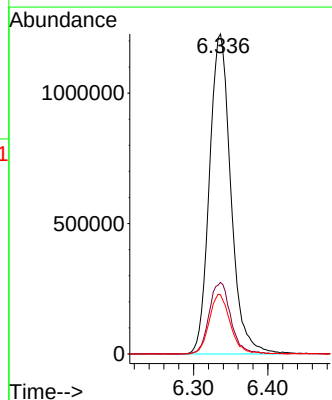
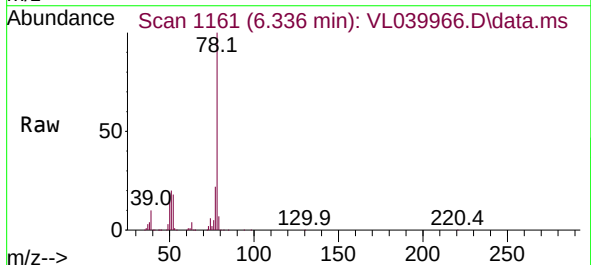
Instrument :
MSVOA_L
ClientSampleId :
VL1202ABS01

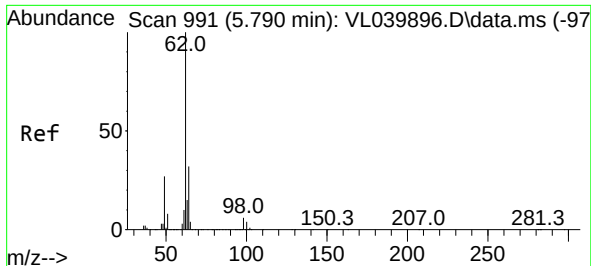
Tgt Ion:117 Resp: 1908643
Ion Ratio Lower Upper
117 100
119 94.7 74.7 112.1
121 29.9 24.5 36.7



#36
Benzene
Concen: 9.075 ppbv
RT: 6.336 min Scan# 1161
Delta R.T. 0.003 min
Lab File: VL039966.D
Acq: 2 Dec 2022 11:49

Tgt Ion: 78 Resp: 2452541
Ion Ratio Lower Upper
78 100
77 22.3 18.2 27.2
50 18.5 15.8 23.8





#37

1,2-Dichloroethane

Concen: 9.334 ppbv

RT: 5.770 min Scan# 91

Delta R.T. 0.003 min

Lab File: VL039966.D

Acq: 2 Dec 2022 11:49

Instrument :

MSVOA_1

ClientSampleId :

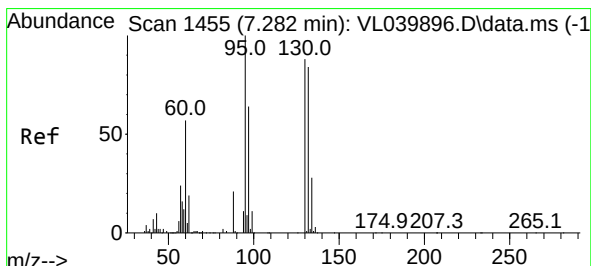
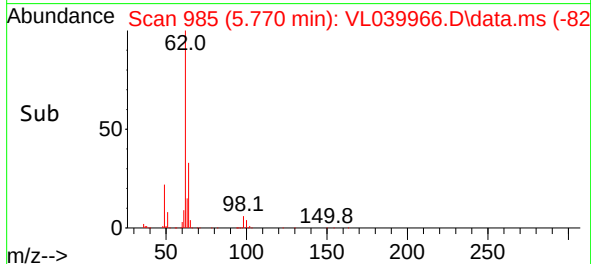
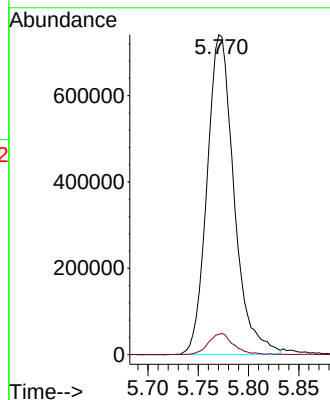
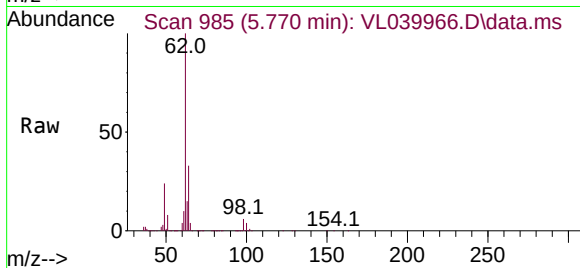
VL1202ABS01

Tgt Ion: 62 Resp: 1382281

Ion Ratio Lower Upper

62 100

98 6.4 5.0 7.6



#38

Trichloroethene

Concen: 9.302 ppbv

RT: 7.256 min Scan# 1447

Delta R.T. -0.000 min

Lab File: VL039966.D

Acq: 2 Dec 2022 11:49

Tgt Ion:130 Resp: 1405249

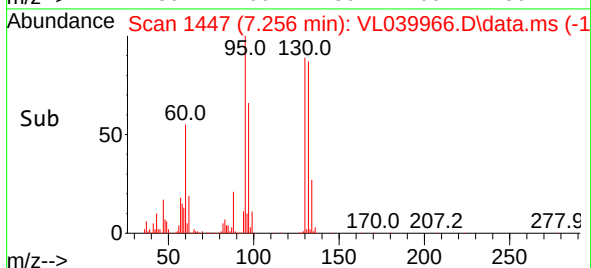
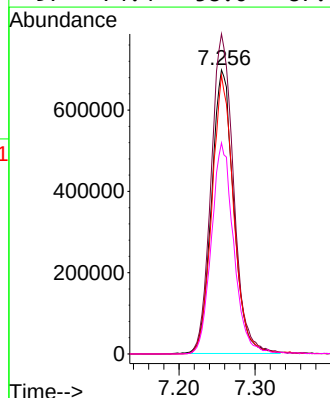
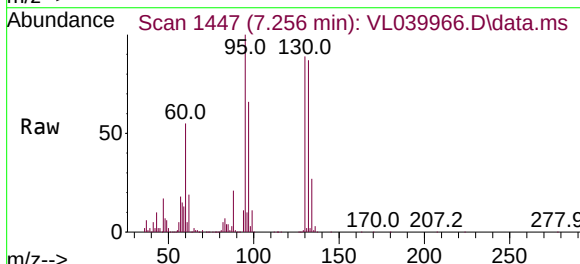
Ion Ratio Lower Upper

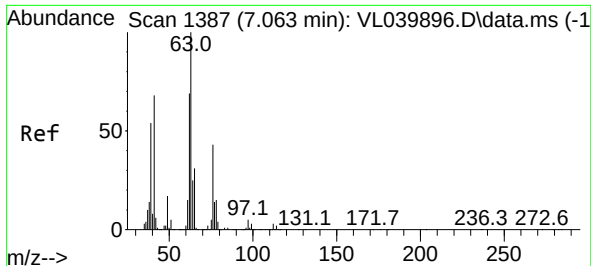
130 100

95 112.8 90.6 135.8

132 98.2 76.2 114.4

97 74.4 58.0 87.0





#39

1,2-Dichloropropane

Concen: 8.717 ppbv

RT: 7.037 min Scan# 11

Delta R.T. 0.003 min

Lab File: VL039966.D

Acq: 2 Dec 2022 11:49

Instrument :

MSVOA_L

ClientSampleId :

VL1202ABS01

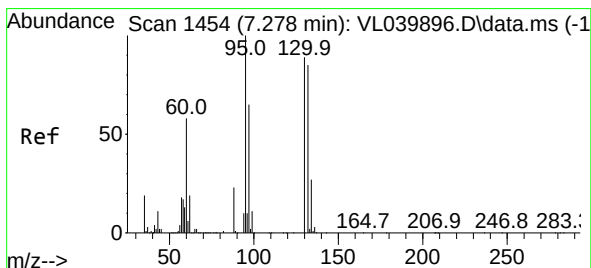
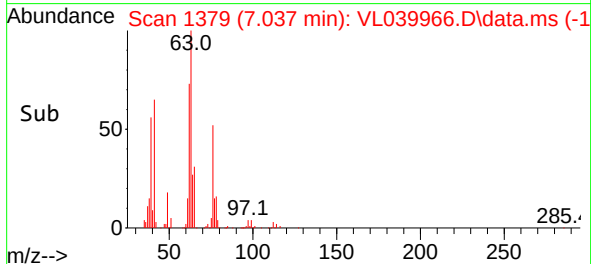
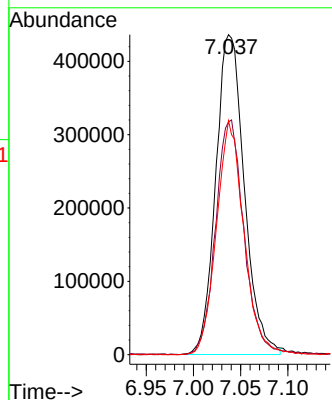
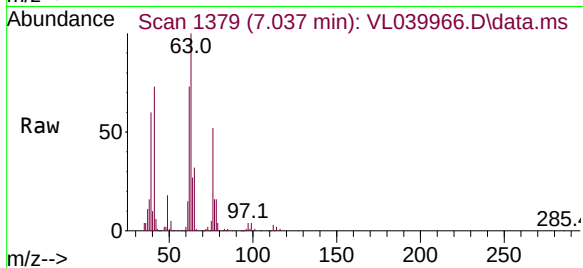
Tgt Ion: 63 Resp: 917766

Ion Ratio Lower Upper

63 100

41 72.8 54.7 82.1

62 73.0 55.0 82.6



#40

1,4-Dioxane

Concen: 8.912 ppbv

RT: 7.256 min Scan# 1447

Delta R.T. 0.003 min

Lab File: VL039966.D

Acq: 2 Dec 2022 11:49

Tgt Ion: 88 Resp: 373803

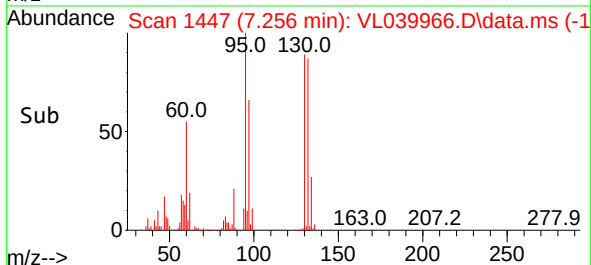
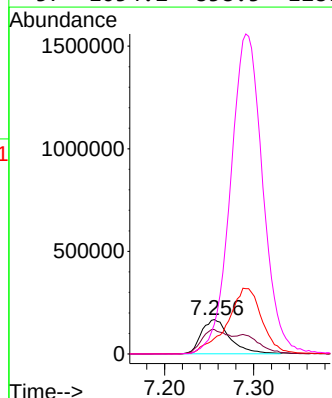
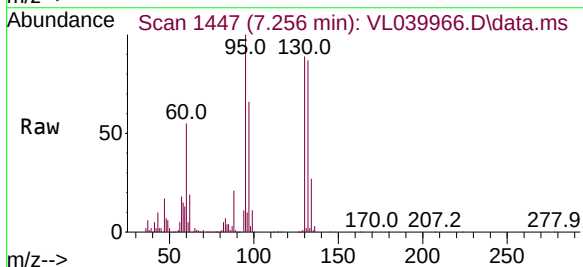
Ion Ratio Lower Upper

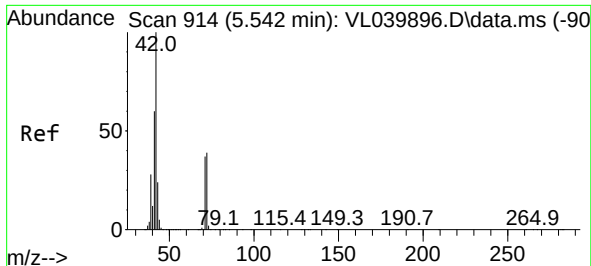
88 100

58 115.5 100.5 150.7

43 235.4 195.8 293.8

57 1054.2 858.5 1287.7





#41

Tetrahydrofuran

Concen: 8.598 ppbv

RT: 5.523 min Scan# 90

Delta R.T. 0.003 min

Lab File: VL039966.D

Acq: 2 Dec 2022 11:49

Instrument :

MSVOA_L

ClientSampleId :

VL1202ABS01

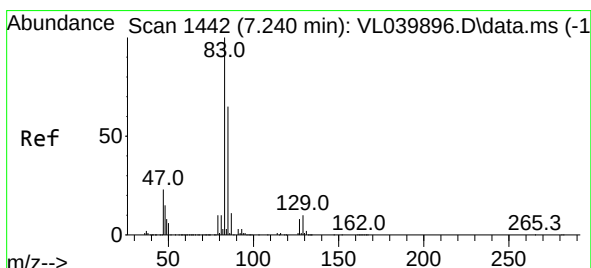
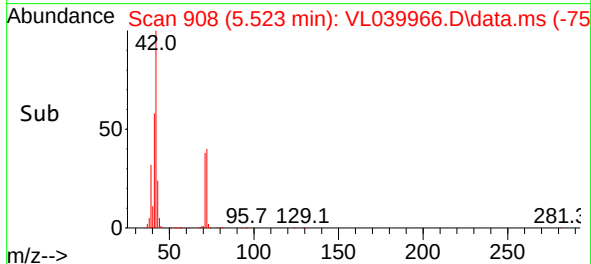
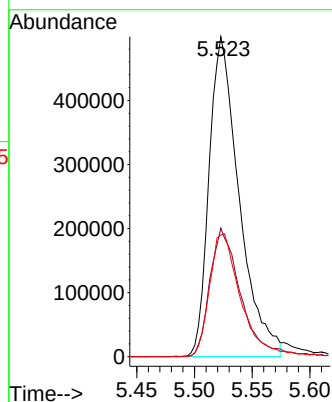
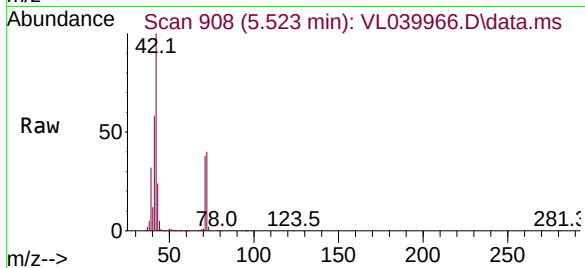
Tgt Ion: 42 Resp: 903018

Ion Ratio Lower Upper

42 100

72 42.0 31.6 47.4

71 40.5 31.2 46.8



#42

Bromodichloromethane

Concen: 10.025 ppbv

RT: 7.214 min Scan# 1434

Delta R.T. 0.003 min

Lab File: VL039966.D

Acq: 2 Dec 2022 11:49

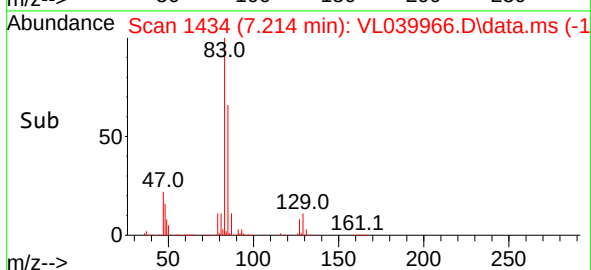
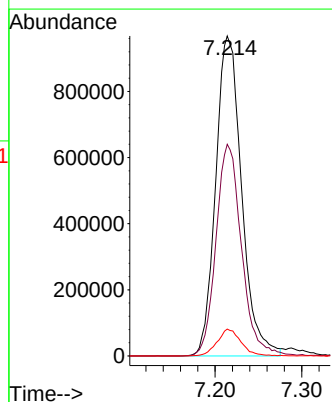
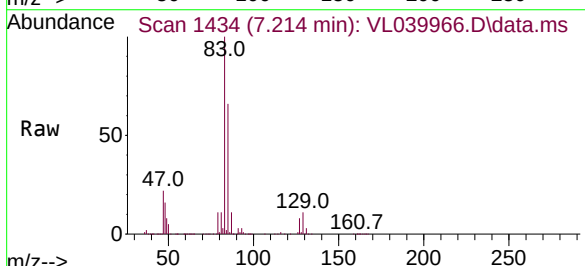
Tgt Ion: 83 Resp: 2013304

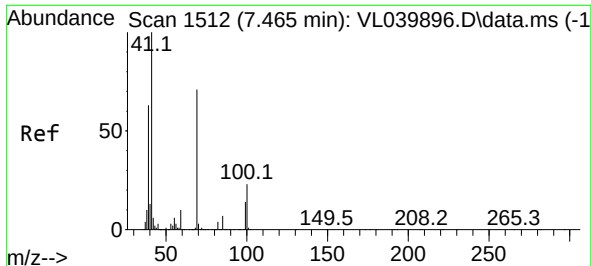
Ion Ratio Lower Upper

83 100

85 66.1 52.0 78.0

127 8.4 6.5 9.7

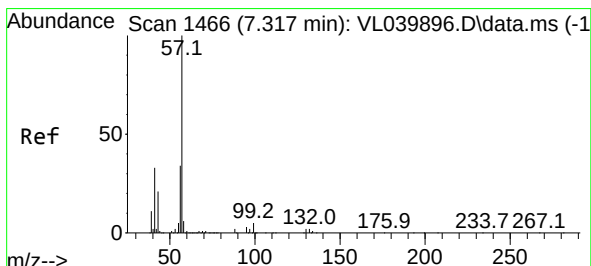
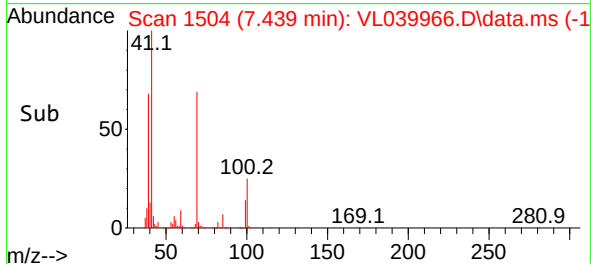
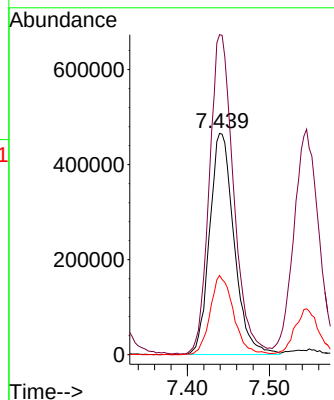
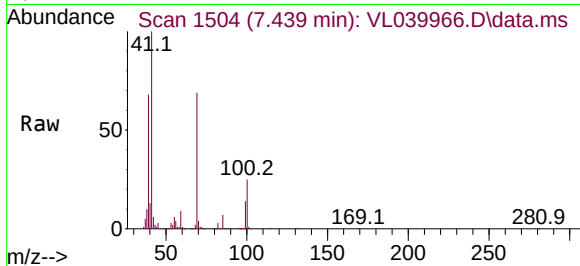




#43
Methyl Methacrylate
Concen: 9.105 ppbv
RT: 7.439 min Scan# 11
Delta R.T. -0.000 min
Lab File: VL039966.D
Acq: 2 Dec 2022 11:49

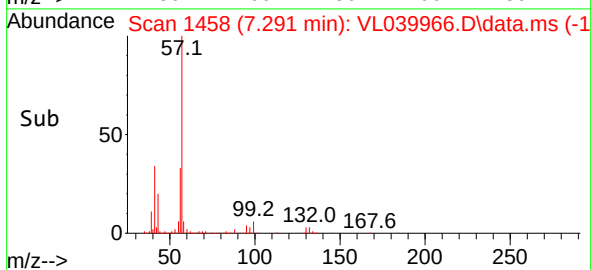
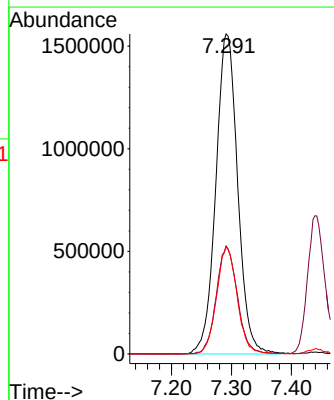
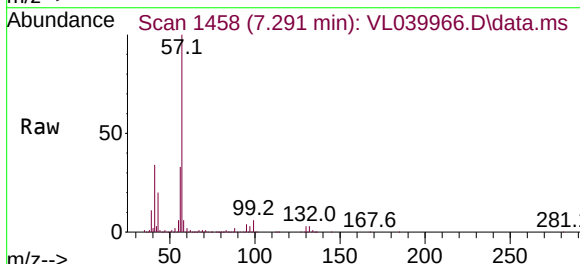
Instrument :
MSVOA_1
ClientSampleId :
VL1202ABS01

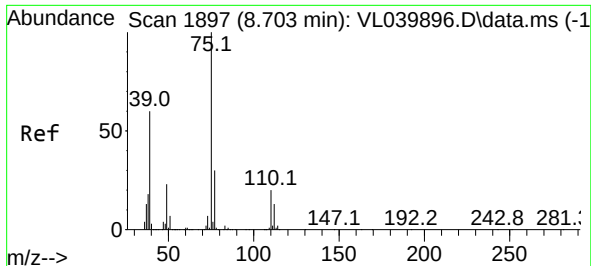
Tgt Ion: 69 Resp: 964640
Ion Ratio Lower Upper
69 100
41 142.7 116.4 174.6
100 34.5 26.8 40.2



#44
2,2,4-Trimethylpentane
Concen: 8.724 ppbv
RT: 7.291 min Scan# 1458
Delta R.T. -0.000 min
Lab File: VL039966.D
Acq: 2 Dec 2022 11:49

Tgt Ion: 57 Resp: 3935609
Ion Ratio Lower Upper
57 100
41 32.4 26.2 39.2
56 31.5 25.5 38.3





#45

t-1,3-Dichloropropene

Concen: 9.377 ppbv

RT: 8.677 min Scan# 11

Delta R.T. 0.003 min

Lab File: VL039966.D

Acq: 2 Dec 2022 11:49

Instrument :

MSVOA_1

ClientSampleId :

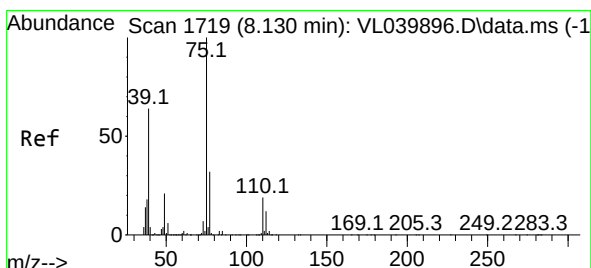
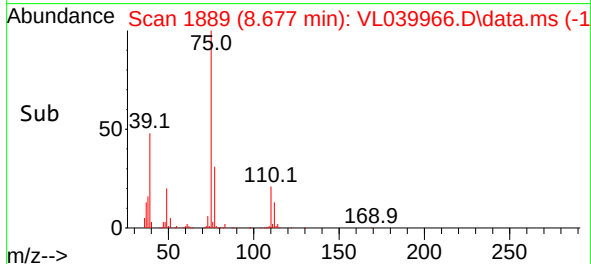
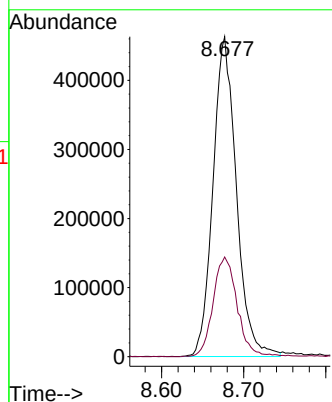
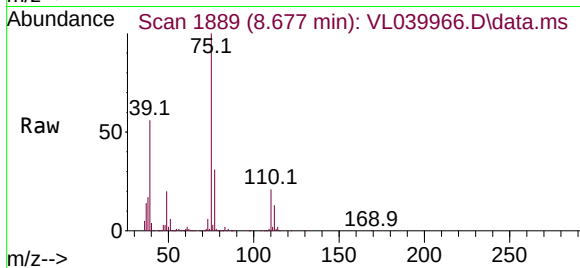
VL1202ABS01

Tgt Ion: 75 Resp: 917880

Ion Ratio Lower Upper

75 100

77 31.1 24.2 36.4



#46

cis-1,3-Dichloropropene

Concen: 9.131 ppbv

RT: 8.105 min Scan# 1711

Delta R.T. -0.003 min

Lab File: VL039966.D

Acq: 2 Dec 2022 11:49

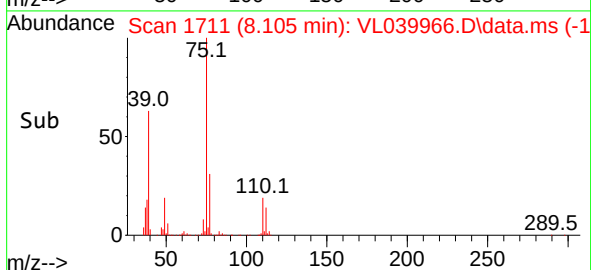
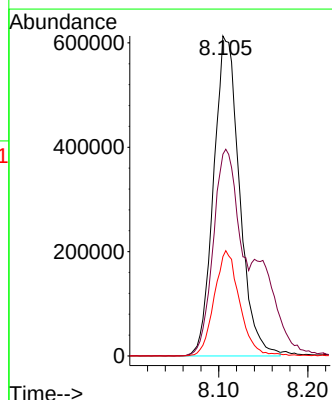
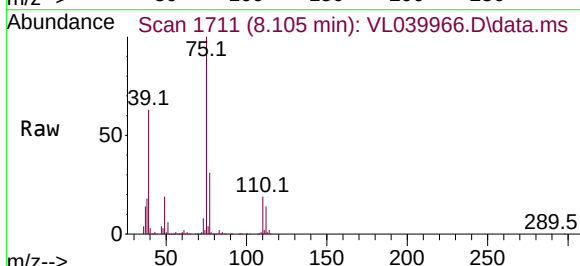
Tgt Ion: 75 Resp: 1238165

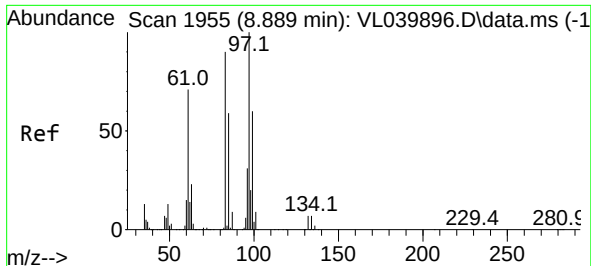
Ion Ratio Lower Upper

75 100

39 63.0 51.0 76.4

77 31.1 25.4 38.0





#47

1,1,2-Trichloroethane

Concen: 9.270 ppbv

RT: 8.863 min Scan# 1955

Delta R.T. -0.000 min

Lab File: VL039966.D

Acq: 2 Dec 2022 11:49

Instrument :

MSVOA_L

ClientSampleId :

VL1202ABS01

Tgt Ion: 97 Resp: 1003090

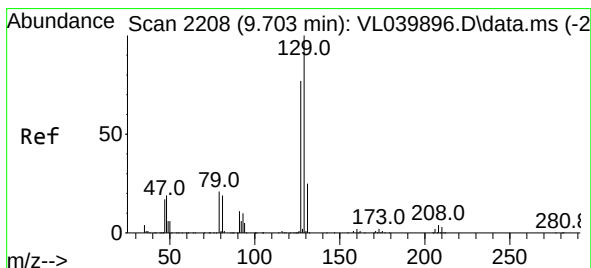
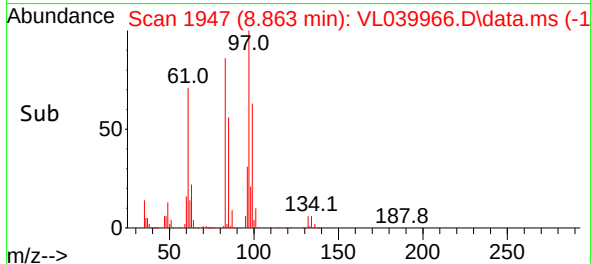
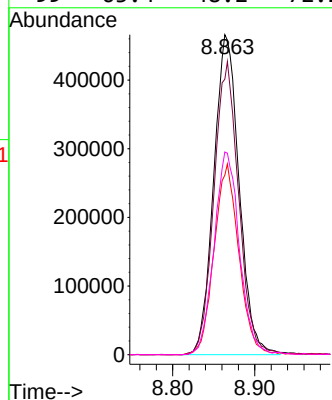
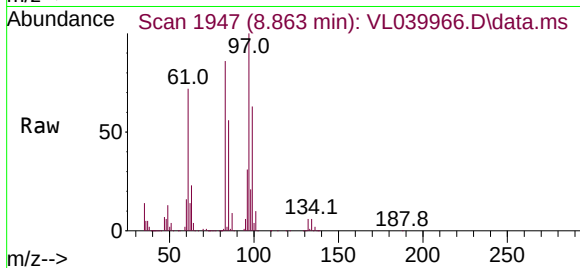
Ion Ratio Lower Upper

97 100

83 86.1 72.1 108.1

85 56.1 47.2 70.8

99 63.4 48.2 72.2



#48

Dibromochloromethane

Concen: 10.652 ppbv

RT: 9.677 min Scan# 2200

Delta R.T. -0.000 min

Lab File: VL039966.D

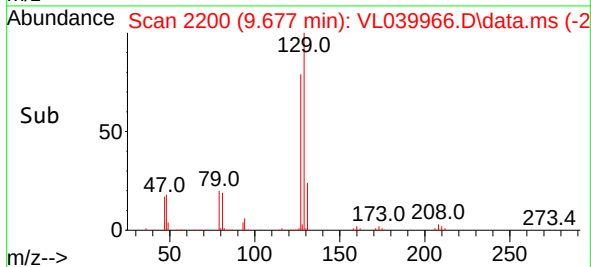
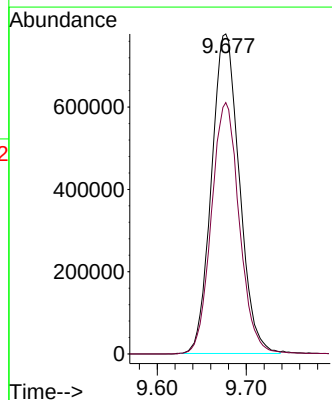
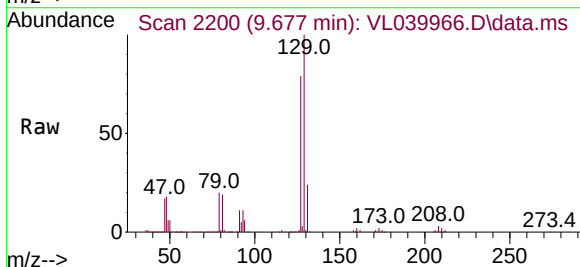
Acq: 2 Dec 2022 11:49

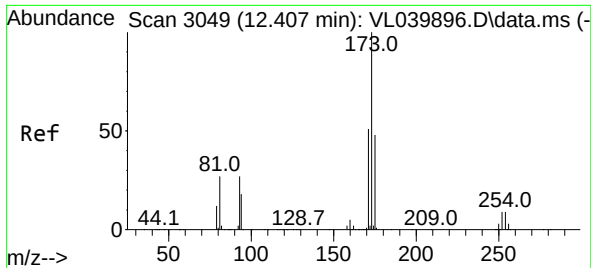
Tgt Ion: 129 Resp: 1688224

Ion Ratio Lower Upper

129 100

127 79.1 39.1 117.3

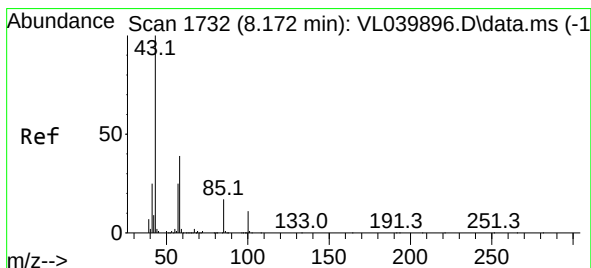
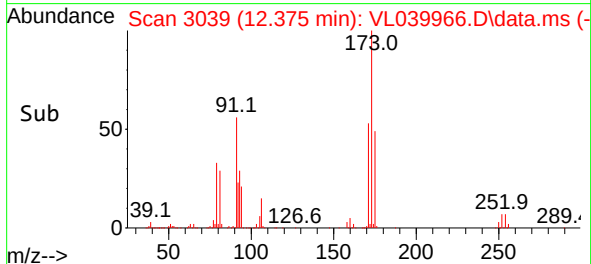
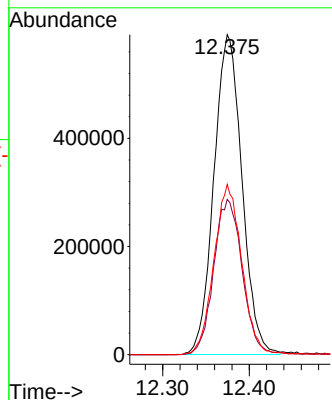
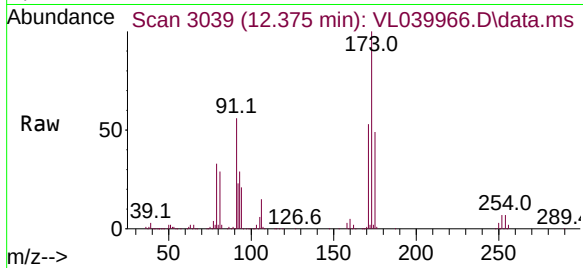




#49
Bromoform
Concen: 10.367 ppbv
RT: 12.375 min Scan# 3049
Delta R.T. -0.000 min
Lab File: VL039966.D
Acq: 2 Dec 2022 11:49

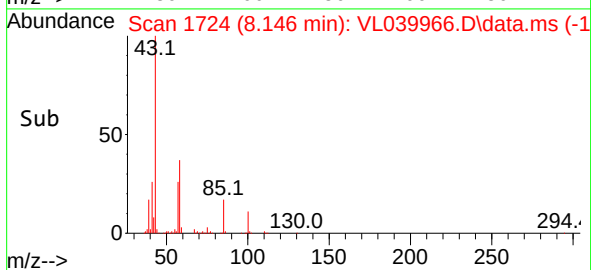
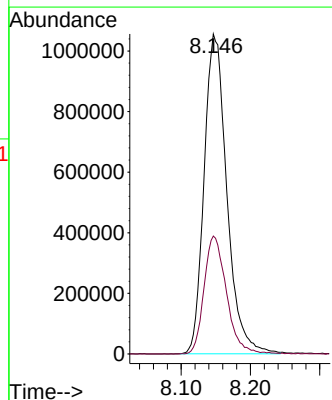
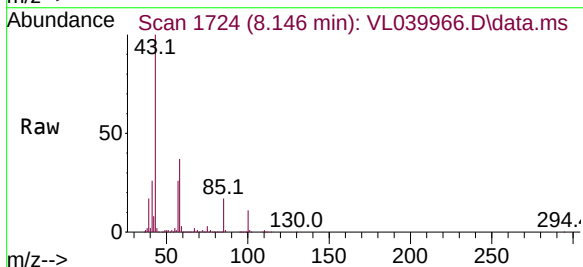
Instrument :
MSVOA_L
ClientSampleId :
VL1202ABS01

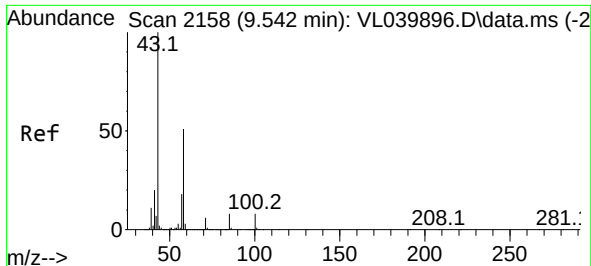
Tgt Ion:173 Resp: 1329957
Ion Ratio Lower Upper
173 100
175 49.4 39.1 58.7
171 53.0 41.8 62.8



#50
4-Methyl-2-Pentanone
Concen: 8.838 ppbv
RT: 8.146 min Scan# 1724
Delta R.T. -0.000 min
Lab File: VL039966.D
Acq: 2 Dec 2022 11:49

Tgt Ion: 43 Resp: 2408039
Ion Ratio Lower Upper
43 100
58 36.5 29.8 44.6

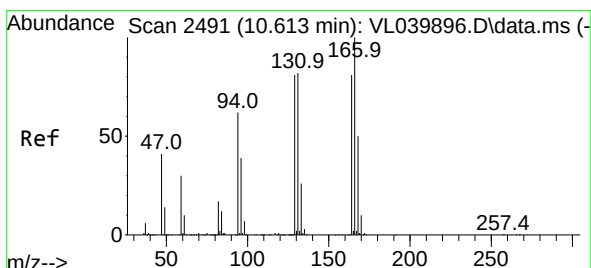
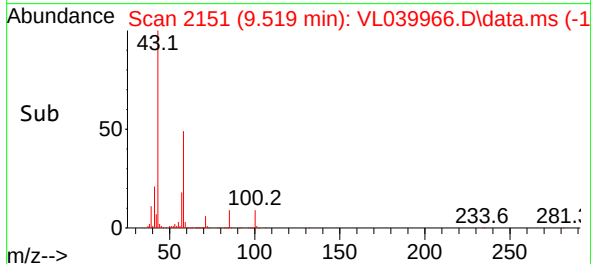
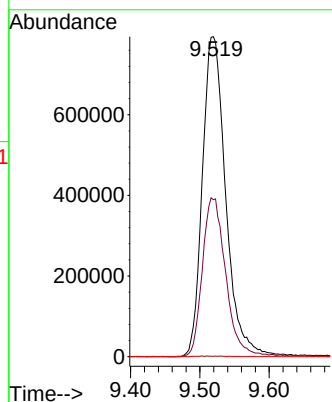
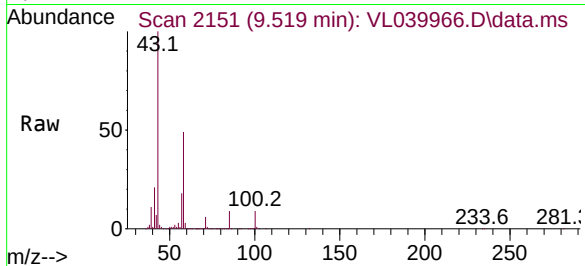




#51
2-Hexanone
Concen: 8.761 ppbv
RT: 9.519 min Scan# 2151
Delta R.T. 0.003 min
Lab File: VL039966.D
Acq: 2 Dec 2022 11:49

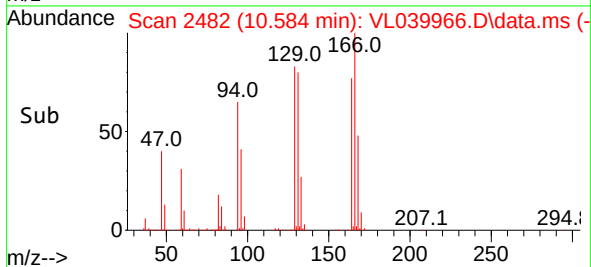
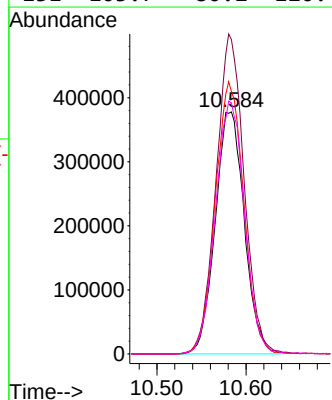
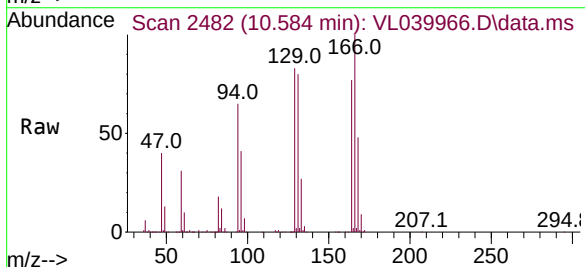
Instrument :
MSVOA_L
ClientSampleId :
VL1202ABS01

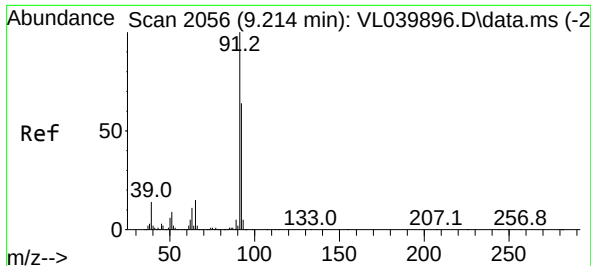
Tgt Ion: 43 Resp: 1852932
Ion Ratio Lower Upper
43 100
58 49.9 40.2 60.4
98 0.3 0.1 0.1#



#52
Tetrachloroethene
Concen: 8.484 ppbv
RT: 10.584 min Scan# 2482
Delta R.T. 0.003 min
Lab File: VL039966.D
Acq: 2 Dec 2022 11:49

Tgt Ion: 164 Resp: 857726
Ion Ratio Lower Upper
164 100
166 129.8 98.3 147.5
129 108.4 79.7 119.5
131 103.7 80.2 120.4

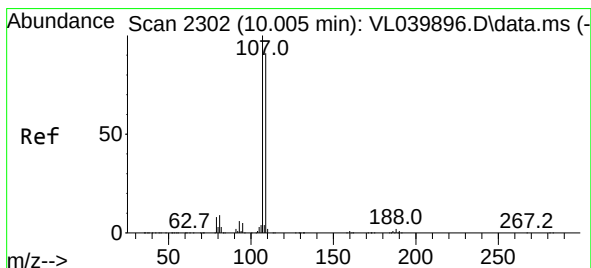
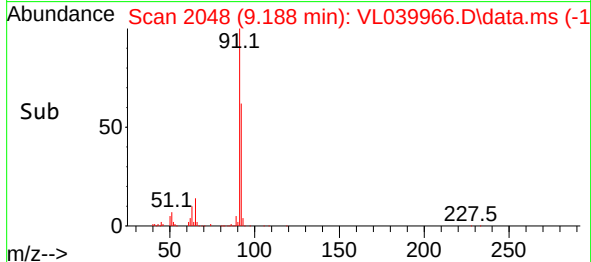
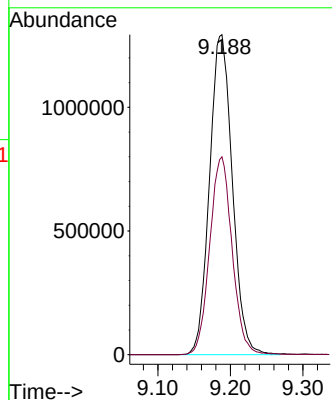
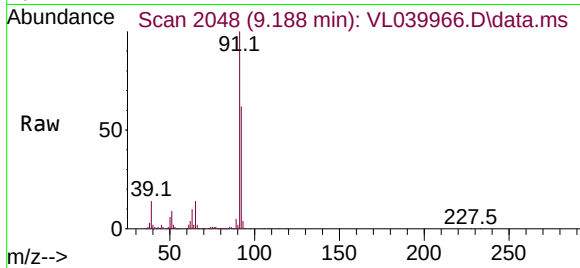




#53
Toluene
Concen: 9.185 ppbv
RT: 9.188 min Scan# 2056
Delta R.T. 0.003 min
Lab File: VL039966.D
Acq: 2 Dec 2022 11:49

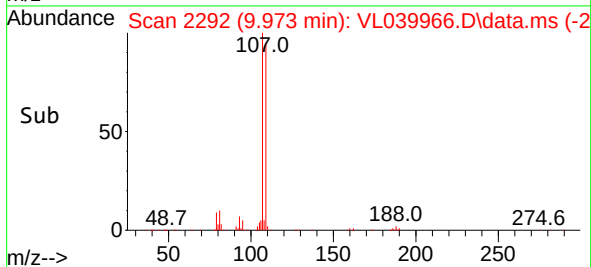
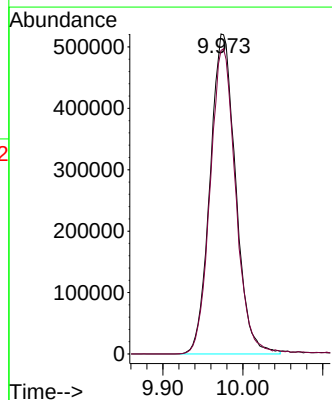
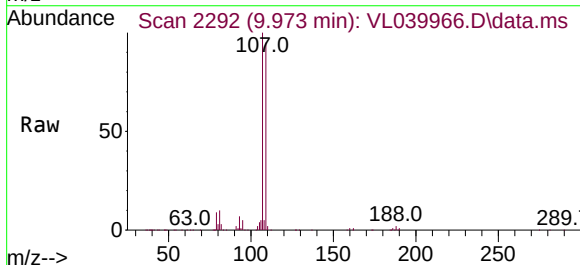
Instrument :
MSVOA_1
ClientSampleId :
VL1202ABS01

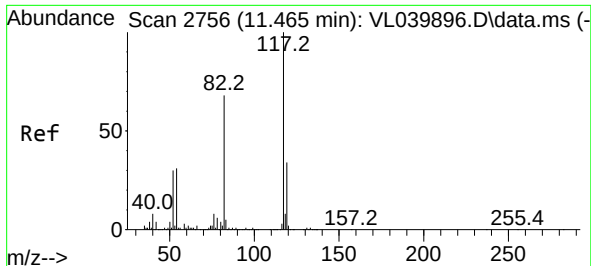
Tgt Ion: 91 Resp: 2827523
Ion Ratio Lower Upper
91 100
92 60.8 49.8 74.6



#54
1,2-Dibromoethane
Concen: 10.017 ppbv
RT: 9.973 min Scan# 2292
Delta R.T. -0.000 min
Lab File: VL039966.D
Acq: 2 Dec 2022 11:49

Tgt Ion: 107 Resp: 1156685
Ion Ratio Lower Upper
107 100
109 94.7 72.8 109.2





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.432 min Scan# 21

Delta R.T. -0.000 min

Lab File: VL039966.D

Acq: 2 Dec 2022 11:49

Instrument :

MSVOA_L

ClientSampleId :

VL1202ABS01

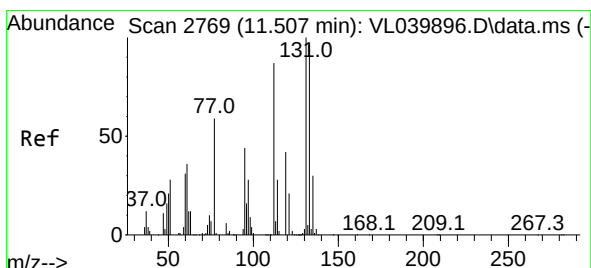
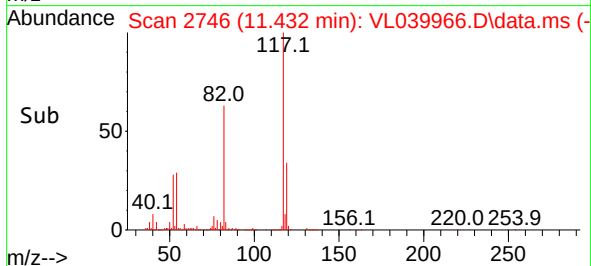
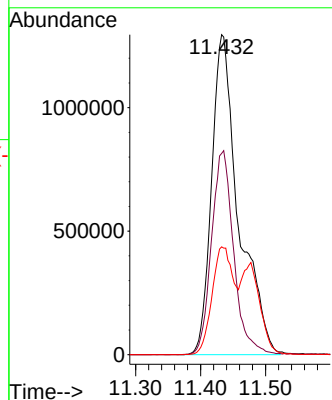
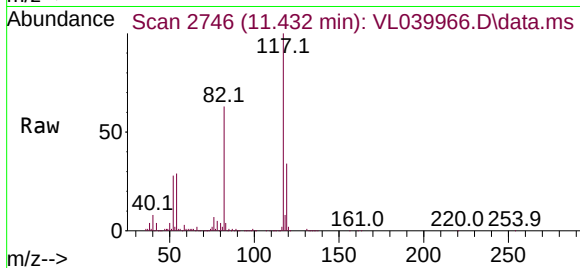
Tgt Ion:117 Resp: 3743451

Ion Ratio Lower Upper

117 100

82 52.5 52.3 78.5

119 29.0 25.7 38.5



#56

1,1,1,2-Tetrachloroethane

Concen: 7.879 ppbv

RT: 11.477 min Scan# 2760

Delta R.T. 0.003 min

Lab File: VL039966.D

Acq: 2 Dec 2022 11:49

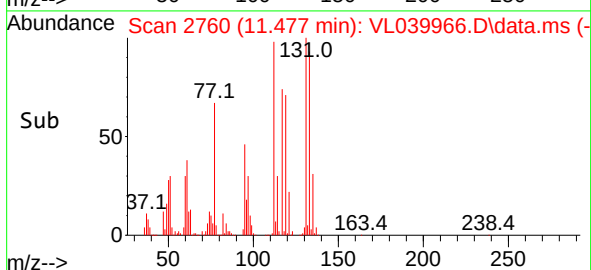
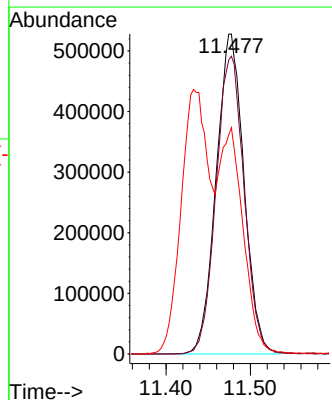
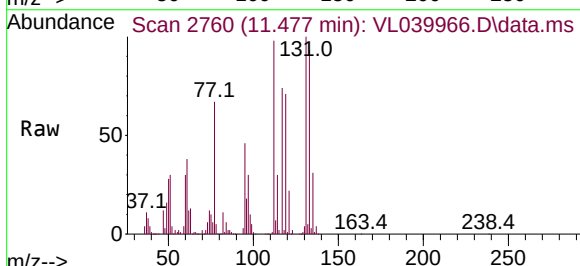
Tgt Ion:131 Resp: 1205621

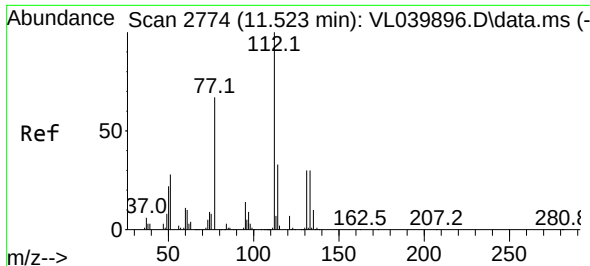
Ion Ratio Lower Upper

131 100

133 94.3 76.7 115.1

119 61.0 46.6 69.8

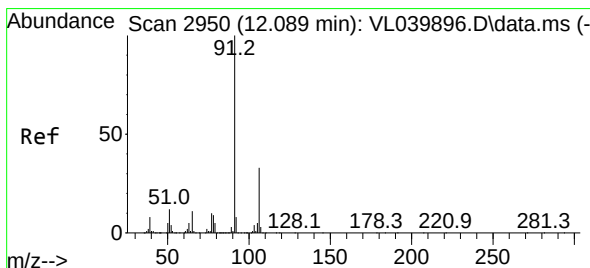
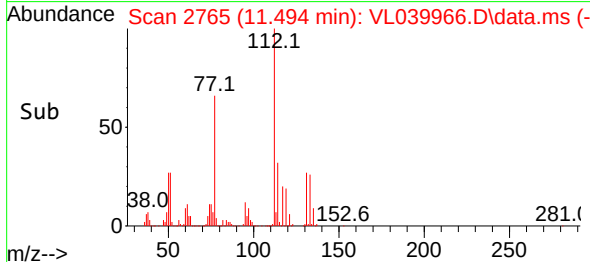
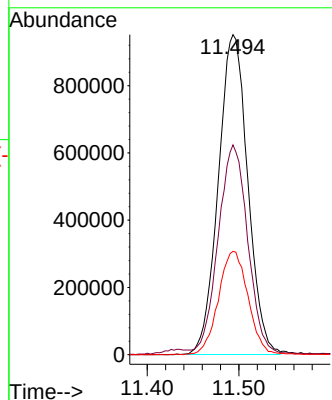
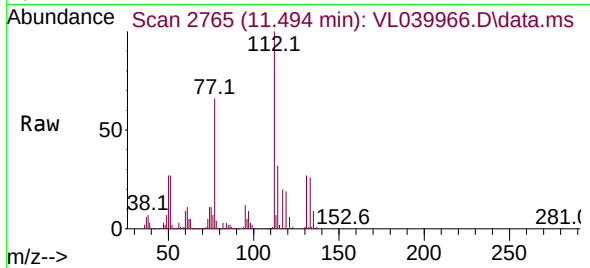




#57
Chlorobenzene
Concen: 7.407 ppbv
RT: 11.494 min Scan# 21
Delta R.T. 0.003 min
Lab File: VL039966.D
Acq: 2 Dec 2022 11:49

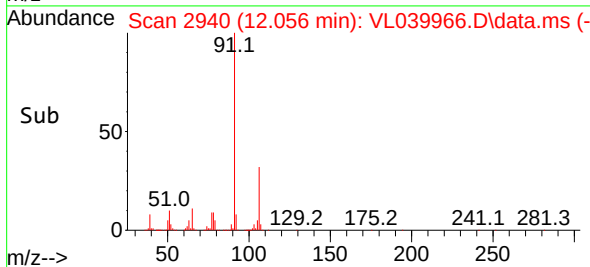
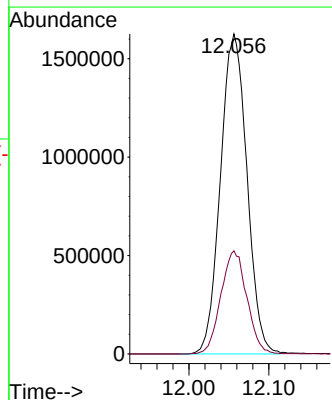
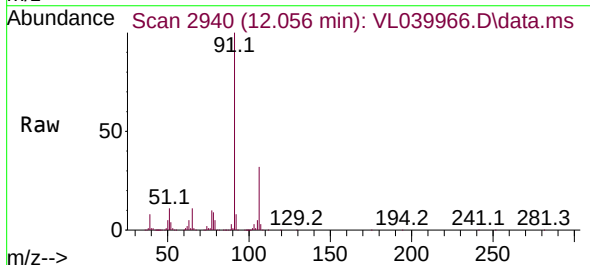
Instrument :
MSVOA_1
ClientSampleId :
VL1202ABS01

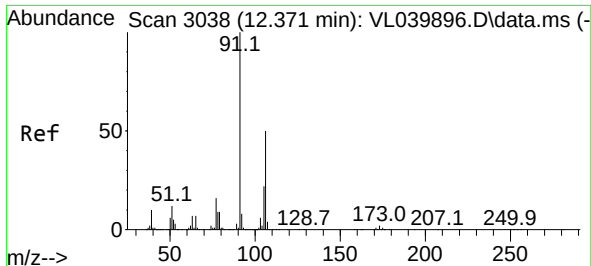
Tgt Ion:112 Resp: 2120028
Ion Ratio Lower Upper
112 100
77 65.0 54.6 81.8
114 32.2 30.1 36.7



#58
Ethyl Benzene
Concen: 7.362 ppbv
RT: 12.056 min Scan# 2940
Delta R.T. -0.000 min
Lab File: VL039966.D
Acq: 2 Dec 2022 11:49

Tgt Ion: 91 Resp: 3738613
Ion Ratio Lower Upper
91 100
106 32.3 26.1 39.1





#59

m/p-Xylene

Concen: 7.688 ppbv

RT: 12.339 min Scan# 3038

Delta R.T. -0.000 min

Lab File: VL039966.D

Acq: 2 Dec 2022 11:49

Instrument :

MSVOA_1

ClientSampleId :

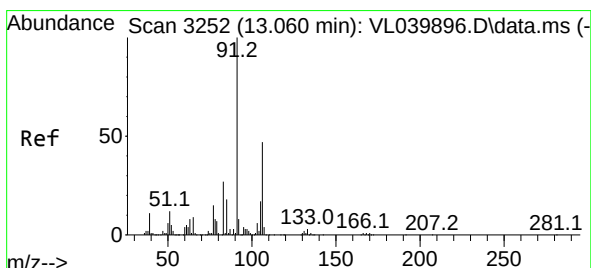
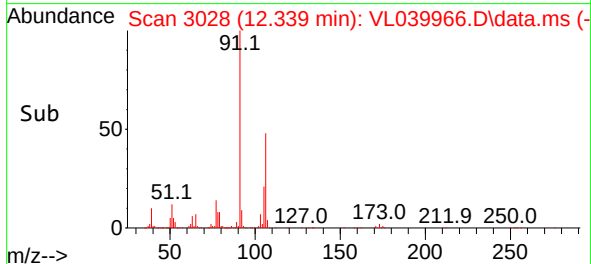
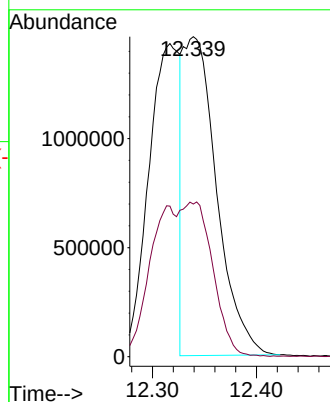
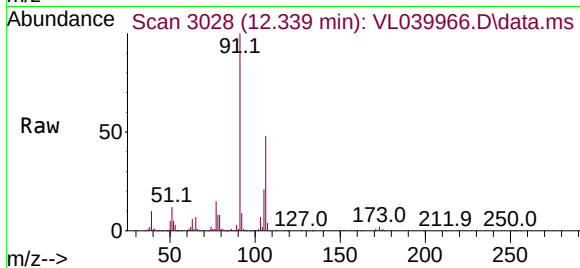
VL1202ABS01

Tgt Ion: 91 Resp: 3267794

Ion Ratio Lower Upper

91 100

106 86.4 37.0 55.6#



#60

o-Xylene

Concen: 7.381 ppbv

RT: 13.027 min Scan# 3242

Delta R.T. -0.000 min

Lab File: VL039966.D

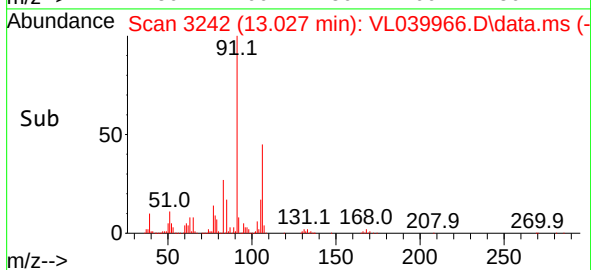
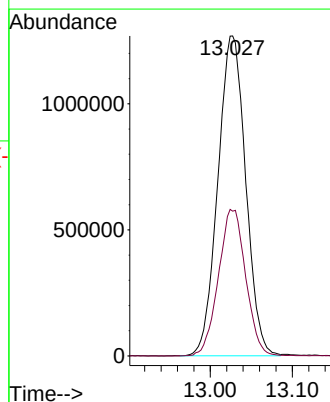
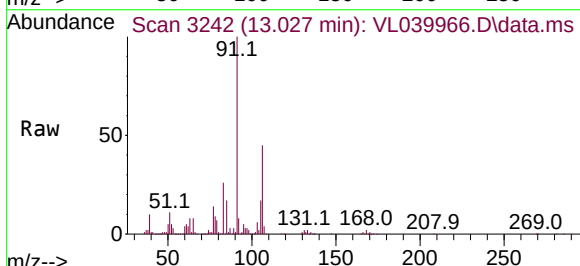
Acq: 2 Dec 2022 11:49

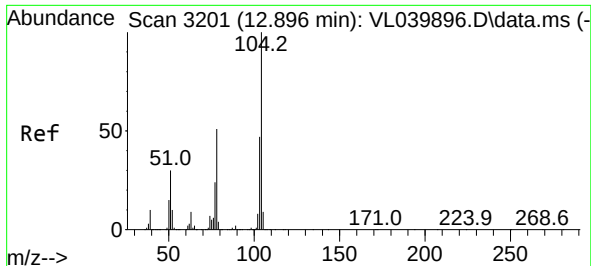
Tgt Ion: 91 Resp: 2991832

Ion Ratio Lower Upper

91 100

106 45.0 23.2 69.6

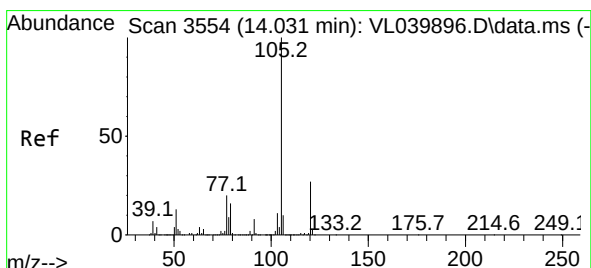
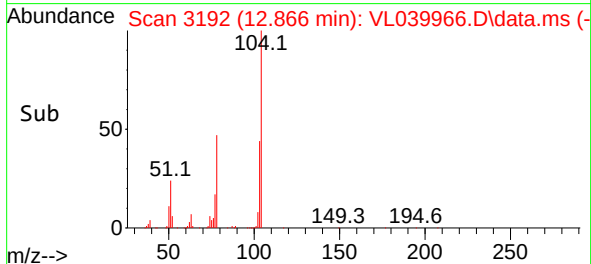
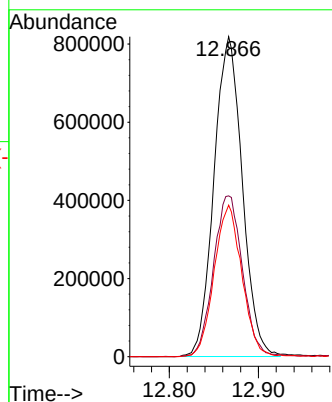
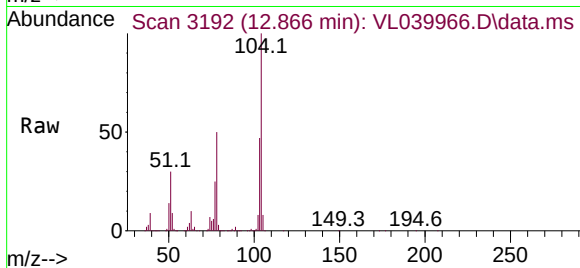




#61
Styrene
Concen: 7.465 ppbv
RT: 12.866 min Scan# 3192
Delta R.T. 0.003 min
Lab File: VL039966.D
Acq: 2 Dec 2022 11:49

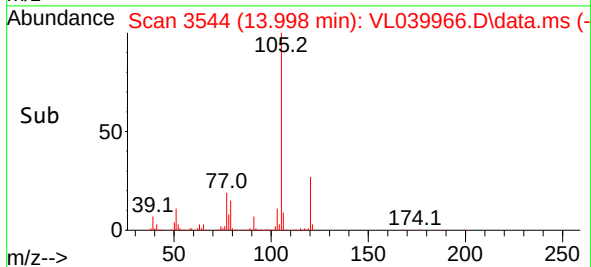
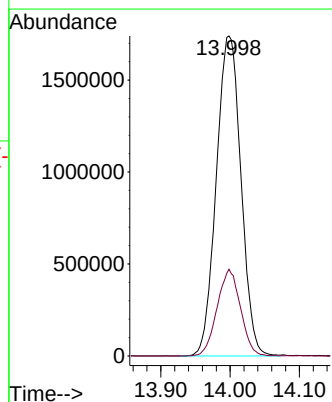
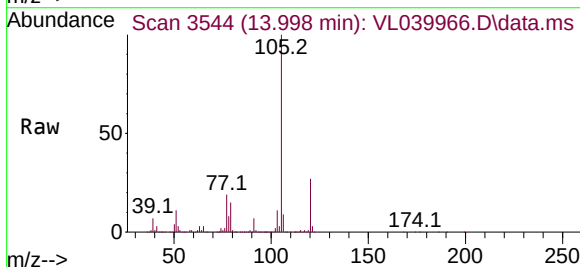
Instrument :
MSVOA_L
ClientSampleId :
VL1202ABS01

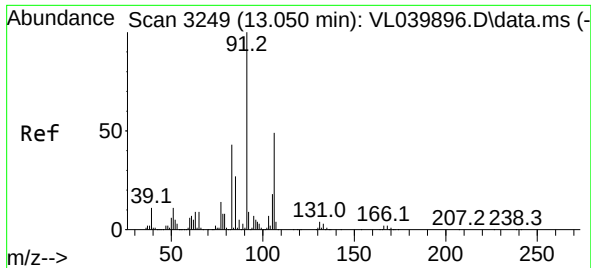
Tgt Ion:104 Resp: 1806297
Ion Ratio Lower Upper
104 100
78 51.8 41.8 62.8
103 46.7 37.2 55.8



#62
Isopropylbenzene
Concen: 7.364 ppbv
RT: 13.998 min Scan# 3544
Delta R.T. 0.003 min
Lab File: VL039966.D
Acq: 2 Dec 2022 11:49

Tgt Ion:105 Resp: 4304578
Ion Ratio Lower Upper
105 100
120 25.7 21.4 32.2

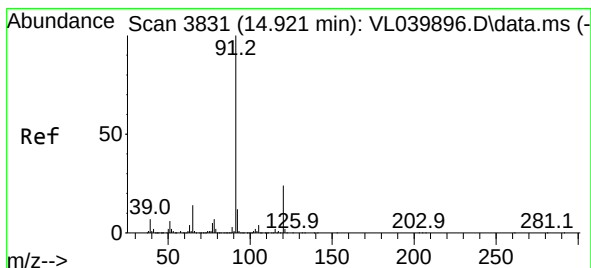
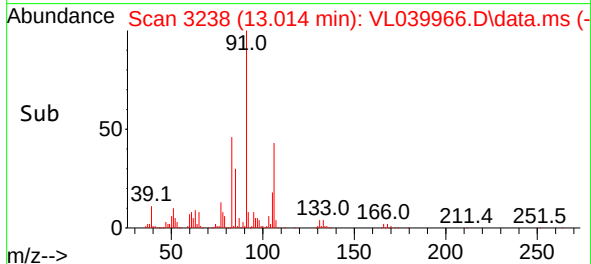
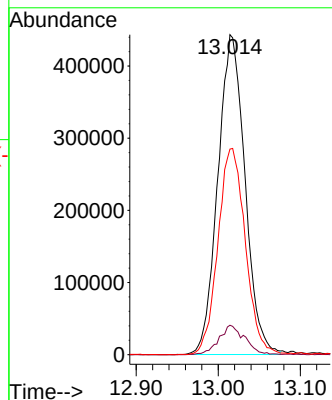
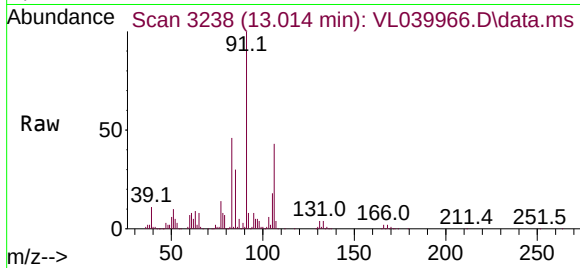




#63
1,1,2,2-Tetrachloroethane
Concen: 7.524 ppbv
RT: 13.014 min Scan# 31
Delta R.T. 0.003 min
Lab File: VL039966.D
Acq: 2 Dec 2022 11:49

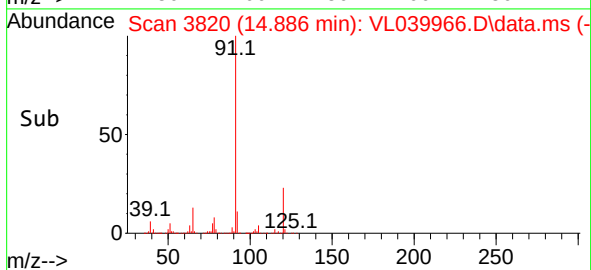
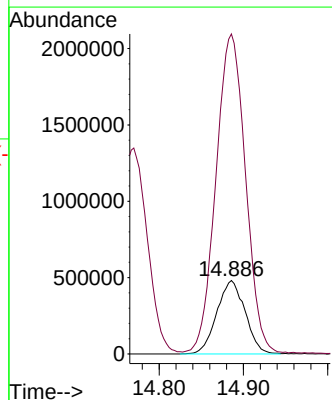
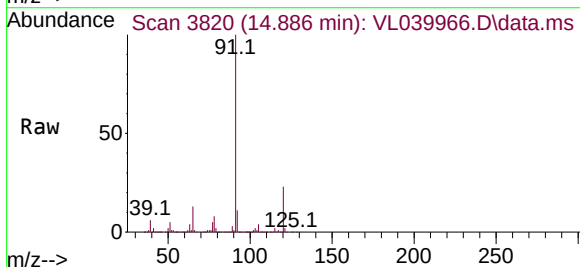
Instrument :
MSVOA_1
ClientSampleId :
VL1202ABS01

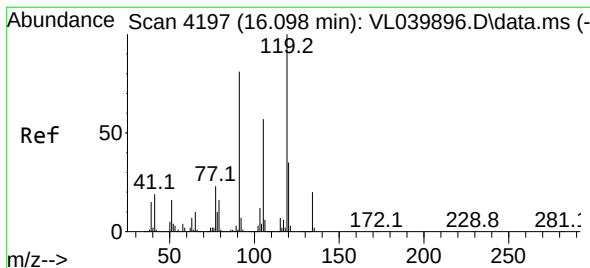
Tgt Ion: 83 Resp: 1018358
Ion Ratio Lower Upper
83 100
131 8.9 4.6 13.8
85 66.1 33.0 99.0



#64
n-propylbenzene
Concen: 7.342 ppbv
RT: 14.886 min Scan# 3820
Delta R.T. 0.006 min
Lab File: VL039966.D
Acq: 2 Dec 2022 11:49

Tgt Ion:120 Resp: 1122665
Ion Ratio Lower Upper
120 100
91 457.7 353.7 530.5

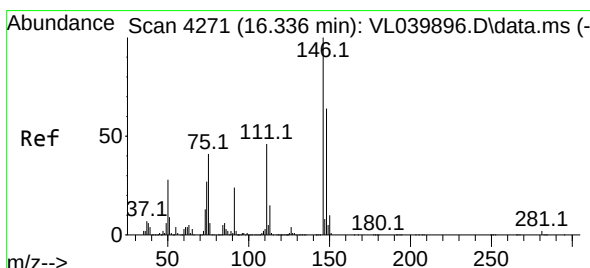
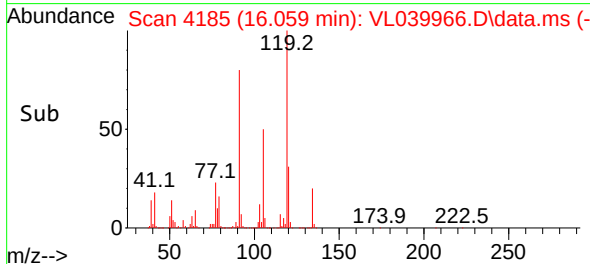
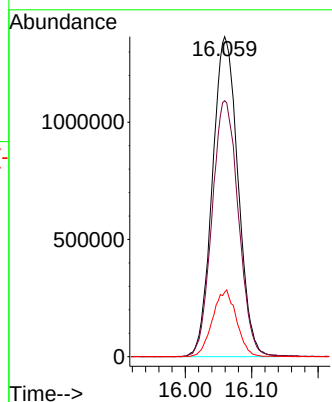
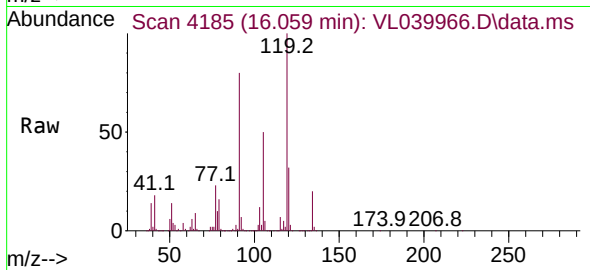




#65
tert-Butylbenzene
Concen: 7.156 ppbv
RT: 16.059 min Scan# 4197
Delta R.T. 0.003 min
Lab File: VL039966.D
Acq: 2 Dec 2022 11:49

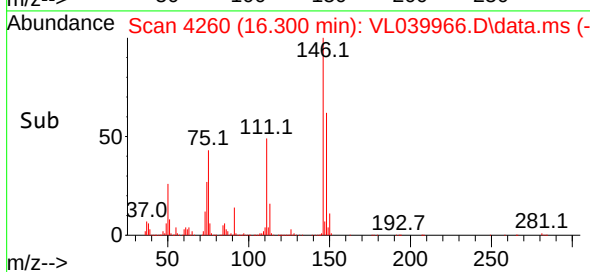
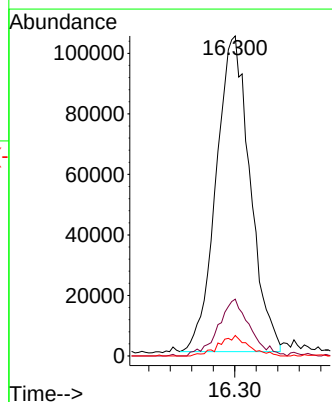
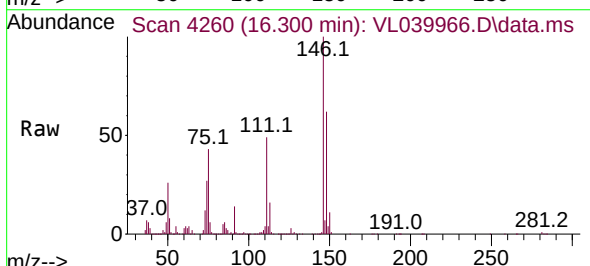
Instrument :
MSVOA_1
ClientSampleId :
VL1202ABS01

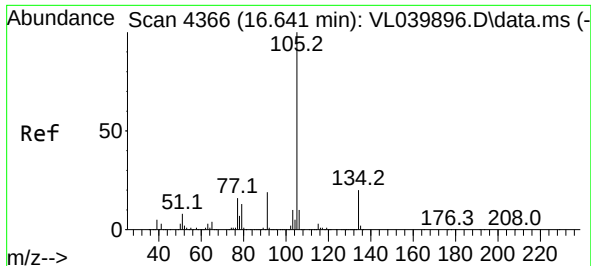
Tgt Ion:119 Resp: 3659095
Ion Ratio Lower Upper
119 100
91 82.3 65.8 98.8
134 19.6 16.1 24.1



#66
Benzyl Chloride
Concen: 5.212 ppbv
RT: 16.300 min Scan# 4260
Delta R.T. 0.006 min
Lab File: VL039966.D
Acq: 2 Dec 2022 11:49

Tgt Ion: 91 Resp: 228383
Ion Ratio Lower Upper
91 100
126 17.2 15.0 22.6
128 5.7 4.6 7.0

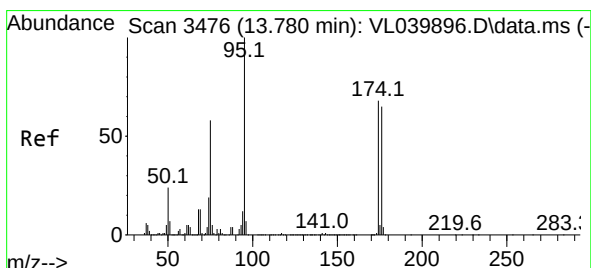
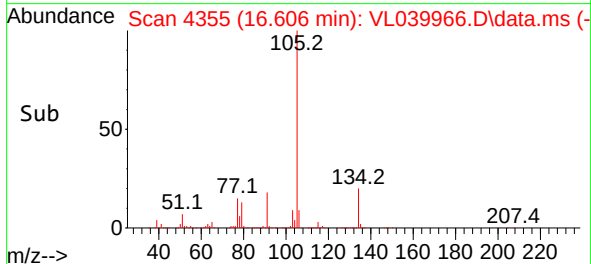
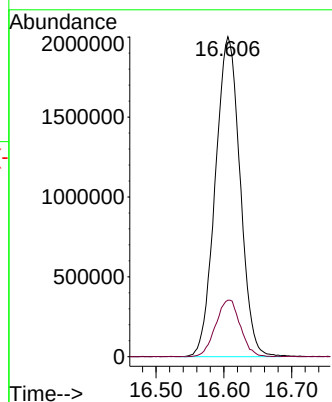
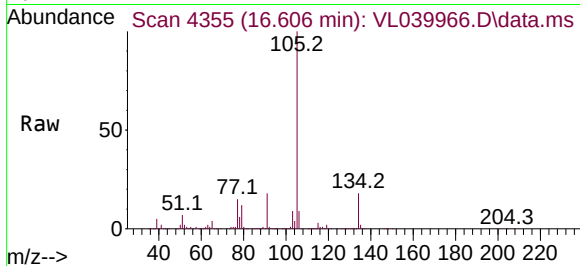




#67
 sec-Butylbenzene
 Concen: 7.217 ppbv
 RT: 16.606 min Scan# 41
 Delta R.T. 0.003 min
 Lab File: VL039966.D
 Acq: 2 Dec 2022 11:49

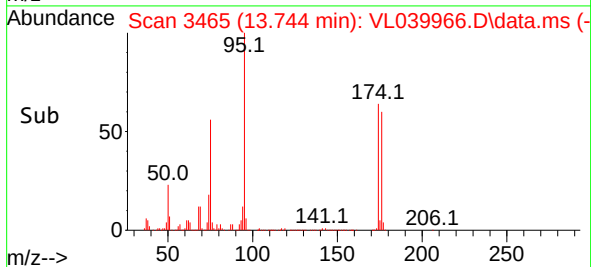
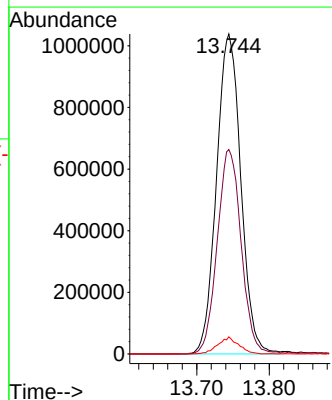
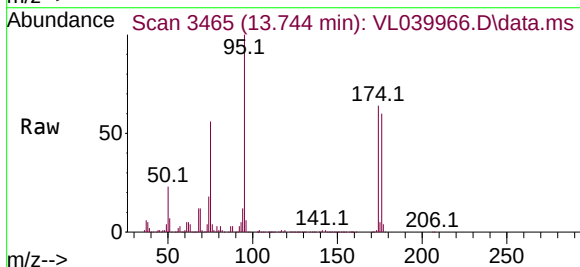
Instrument :
 MSVOA_1
 ClientSampleId :
 VL1202ABS01

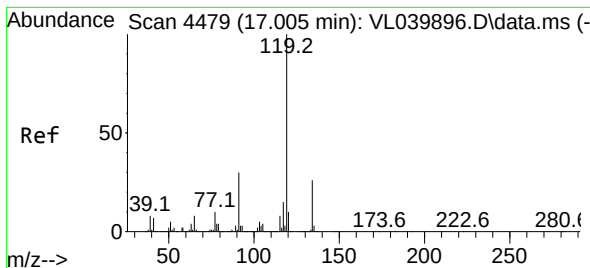
Tgt Ion:105 Resp: 5074536
 Ion Ratio Lower Upper
 105 100
 134 17.8 15.0 22.6



#68
 1-Bromo-4-Fluorobenzene
 Concen: 8.459 ppbv
 RT: 13.744 min Scan# 3465
 Delta R.T. 0.003 min
 Lab File: VL039966.D
 Acq: 2 Dec 2022 11:49

Tgt Ion: 95 Resp: 2418795
 Ion Ratio Lower Upper
 95 100
 174 63.5 53.7 80.5
 175 4.6 4.0 6.0





#69

p-Isopropyltoluene

Concen: 7.092 ppbv

RT: 16.963 min Scan# 4479

Delta R.T. -0.003 min

Lab File: VL039966.D

Acq: 2 Dec 2022 11:49

Instrument :

MSVOA_L

ClientSampleId :

VL1202ABS01

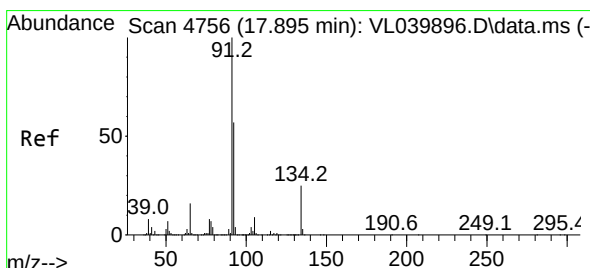
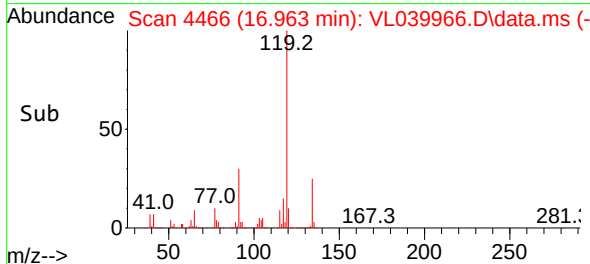
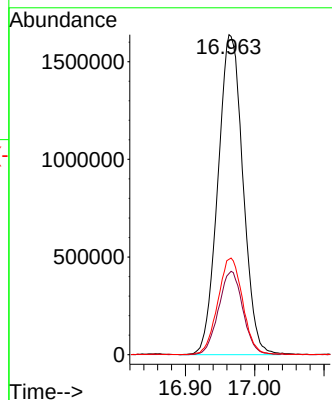
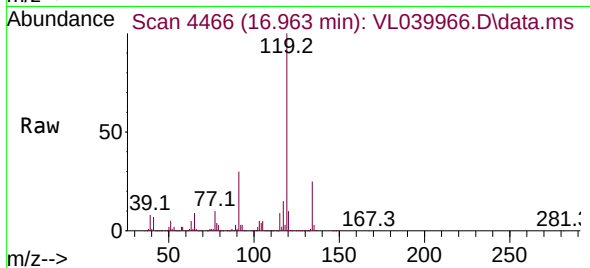
Tgt Ion:119 Resp: 4107789

Ion Ratio Lower Upper

119 100

134 25.4 21.0 31.4

91 30.0 24.4 36.6



#70

n-Butylbenzene

Concen: 7.243 ppbv

RT: 17.857 min Scan# 4744

Delta R.T. -0.000 min

Lab File: VL039966.D

Acq: 2 Dec 2022 11:49

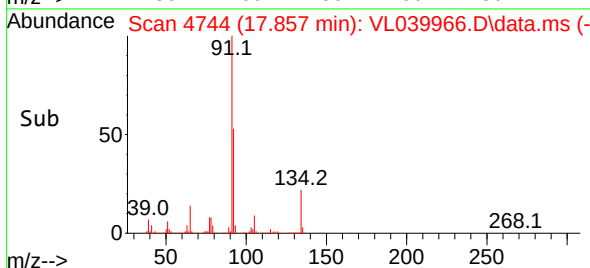
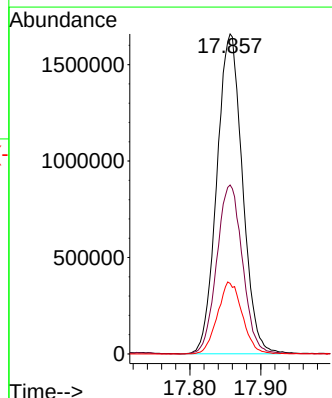
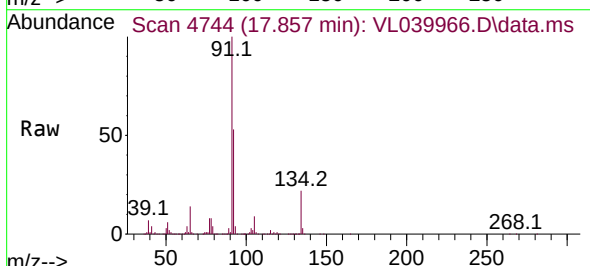
Tgt Ion: 91 Resp: 4159007

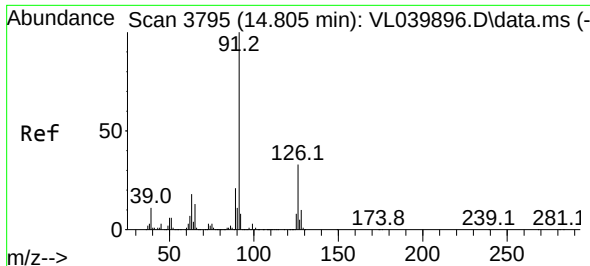
Ion Ratio Lower Upper

91 100

92 53.3 44.2 66.2

134 22.0 18.8 28.2

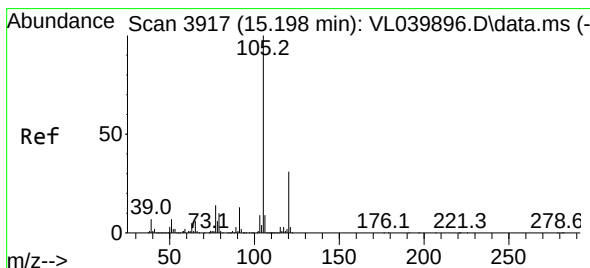
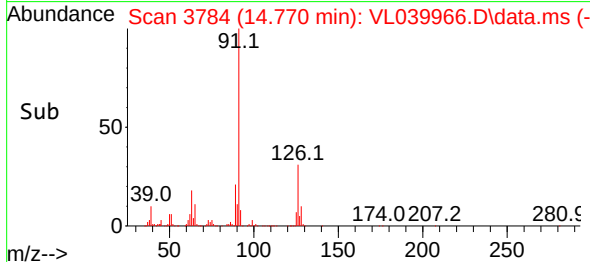
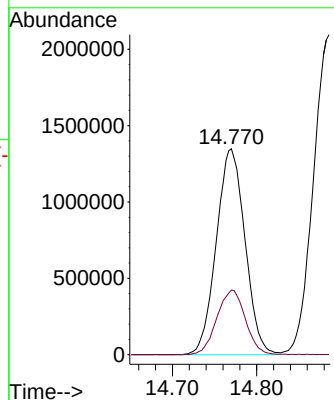
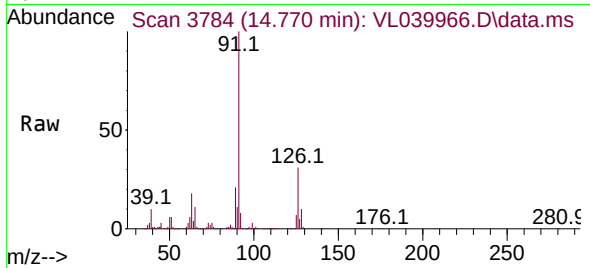




#71
2-Chlorotoluene
Concen: 7.188 ppbv
RT: 14.770 min Scan# 31
Delta R.T. -0.000 min
Lab File: VL039966.D
Acq: 2 Dec 2022 11:49

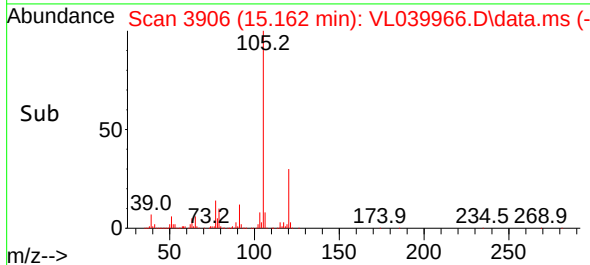
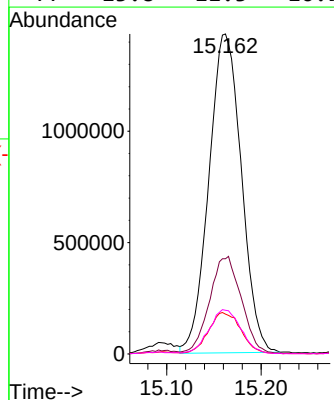
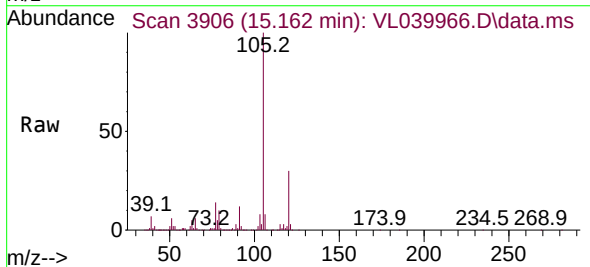
Instrument :
MSVOA_1
ClientSampleId :
VL1202ABS01

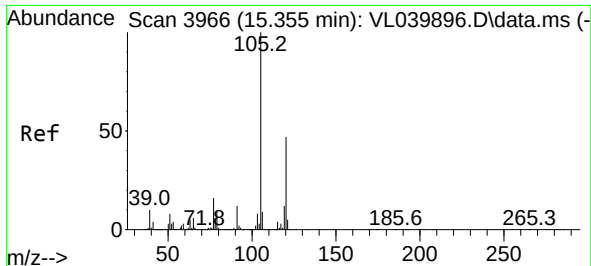
Tgt Ion: 91 Resp: 3184739
Ion Ratio Lower Upper
91 100
126 31.2 12.8 51.0



#72
4-Ethyltoluene
Concen: 7.498 ppbv
RT: 15.162 min Scan# 3906
Delta R.T. -0.000 min
Lab File: VL039966.D
Acq: 2 Dec 2022 11:49

Tgt Ion: 105 Resp: 3416192
Ion Ratio Lower Upper
105 100
120 30.2 24.5 36.7
91 13.1 10.4 15.6
77 13.8 11.3 16.9

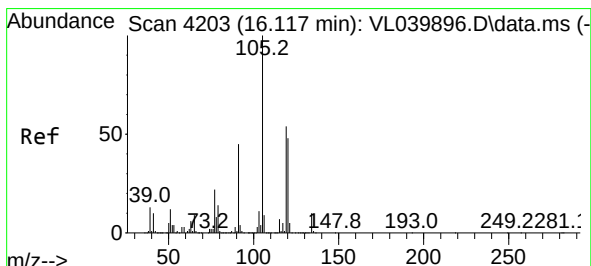
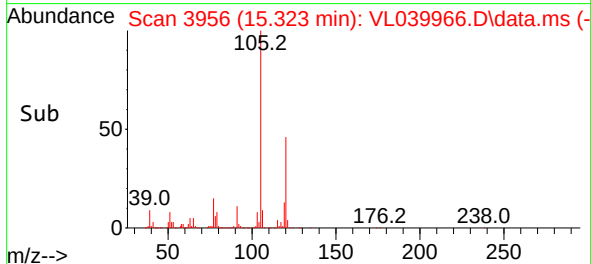
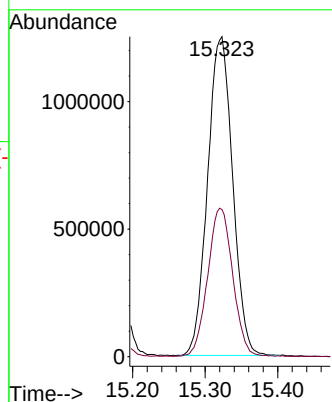
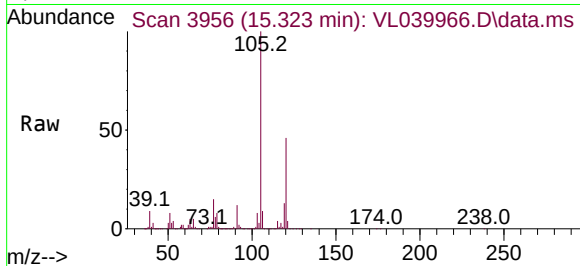




#73
 1,3,5-Trimethylbenzene
 Concen: 7.197 ppbv
 RT: 15.323 min Scan# 3966
 Delta R.T. 0.003 min
 Lab File: VL039966.D
 Acq: 2 Dec 2022 11:49

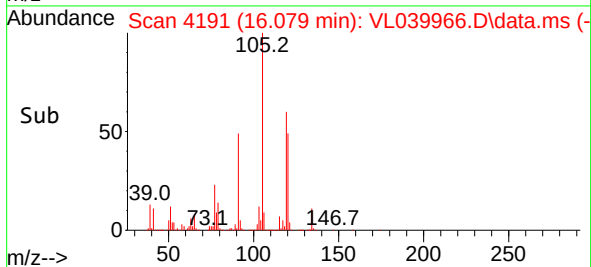
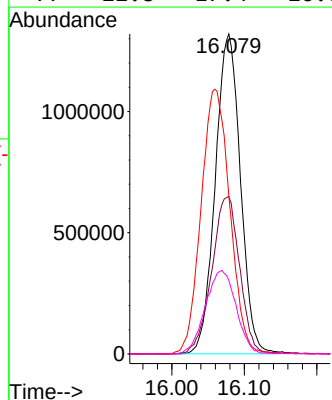
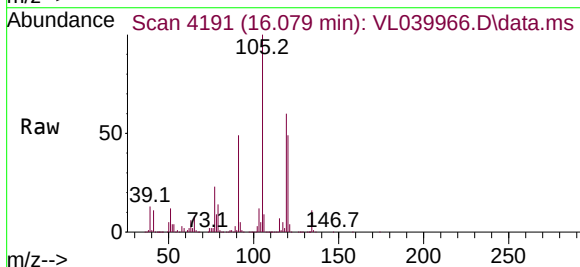
Instrument :
 MSVOA_L
 ClientSampleId :
 VL1202ABS01

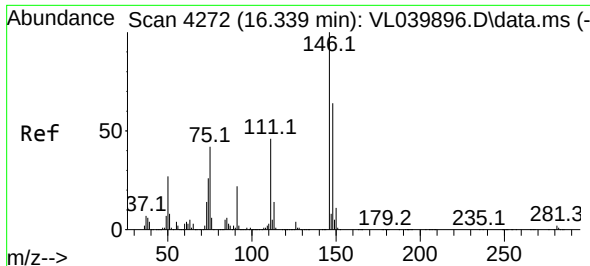
Tgt Ion:105 Resp: 3002019
 Ion Ratio Lower Upper
 105 100
 120 46.0 37.9 56.9



#74
 1,2,4-Trimethylbenzene
 Concen: 7.200 ppbv
 RT: 16.079 min Scan# 4191
 Delta R.T. 0.003 min
 Lab File: VL039966.D
 Acq: 2 Dec 2022 11:49

Tgt Ion:105 Resp: 3179651
 Ion Ratio Lower Upper
 105 100
 120 49.0 38.7 58.1
 91 49.1 36.4 54.6
 77 22.8 17.4 26.0

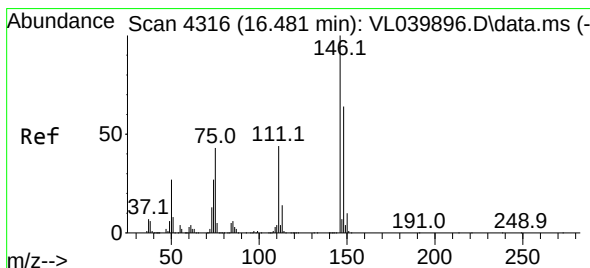
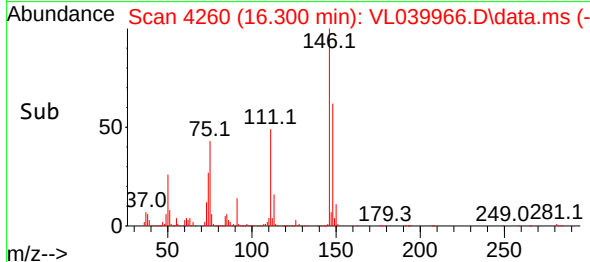
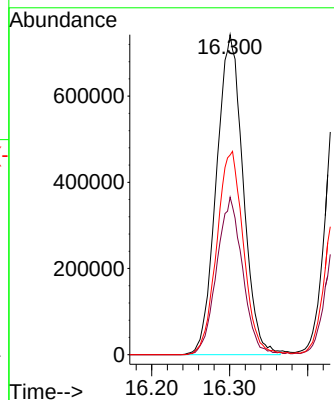
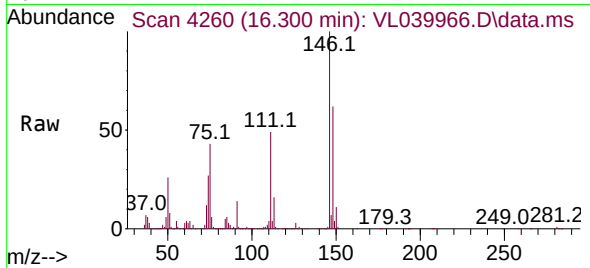




#75
1,3-Dichlorobenzene
Concen: 7.105 ppbv
RT: 16.300 min Scan# 41
Delta R.T. -0.000 min
Lab File: VL039966.D
Acq: 2 Dec 2022 11:49

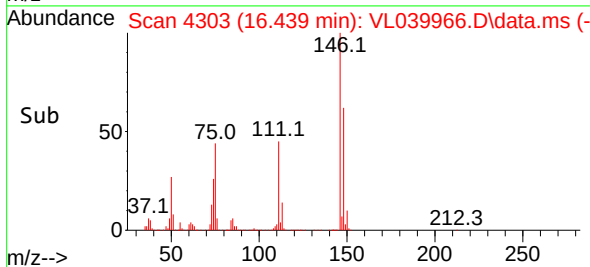
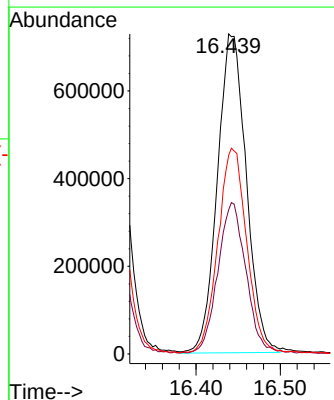
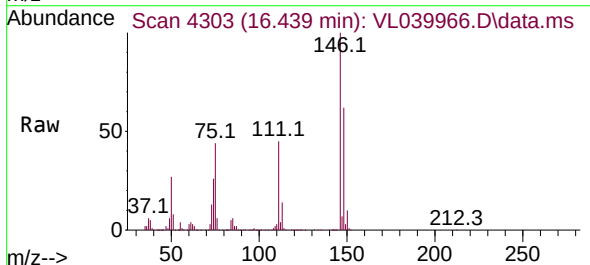
Instrument :
MSVOA_1
ClientSampleId :
VL1202ABS01

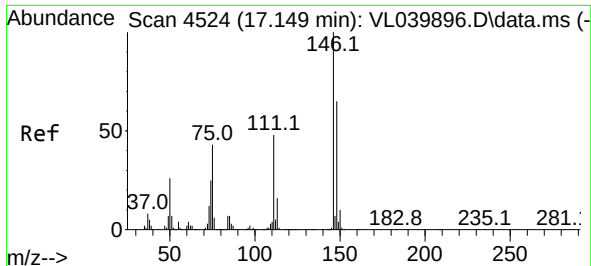
Tgt Ion:146 Resp: 1765320
Ion Ratio Lower Upper
146 100
111 47.8 23.3 69.9
148 63.7 32.2 96.6



#76
1,4-Dichlorobenzene
Concen: 7.026 ppbv
RT: 16.439 min Scan# 4303
Delta R.T. -0.000 min
Lab File: VL039966.D
Acq: 2 Dec 2022 11:49

Tgt Ion:146 Resp: 1730611
Ion Ratio Lower Upper
146 100
111 47.0 22.4 67.3
148 65.3 32.3 96.9

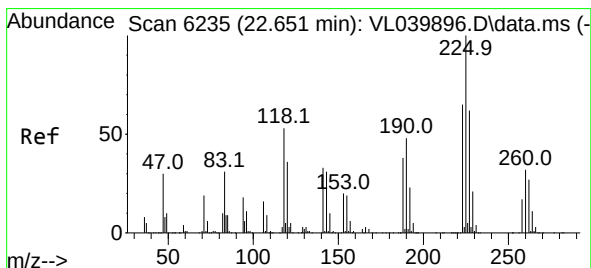
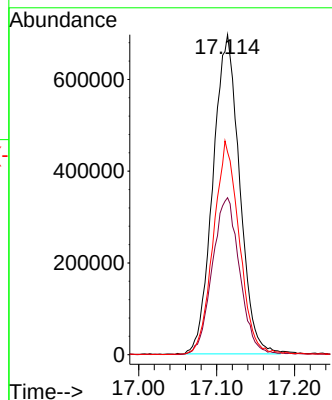
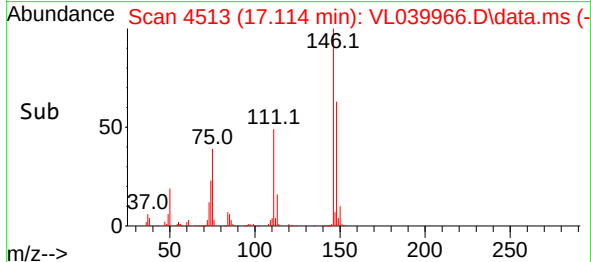
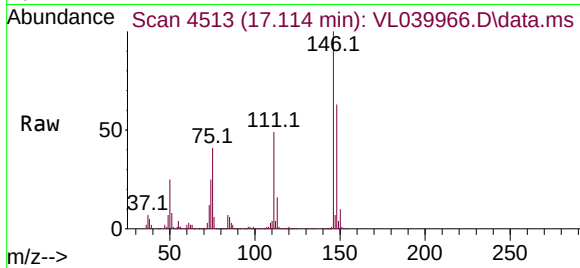




#77
 1,2-Dichlorobenzene
 Concen: 6.894 ppbv
 RT: 17.114 min Scan# 41
 Delta R.T. 0.003 min
 Lab File: VL039966.D
 Acq: 2 Dec 2022 11:49

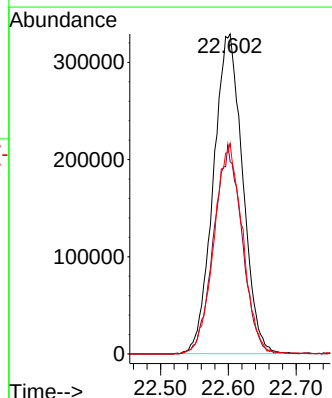
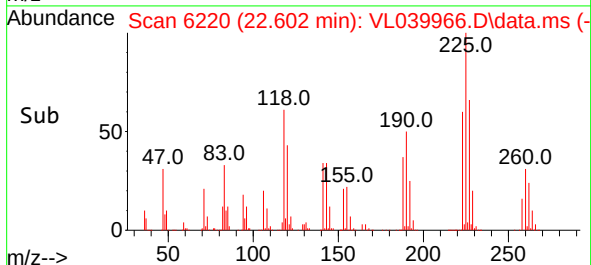
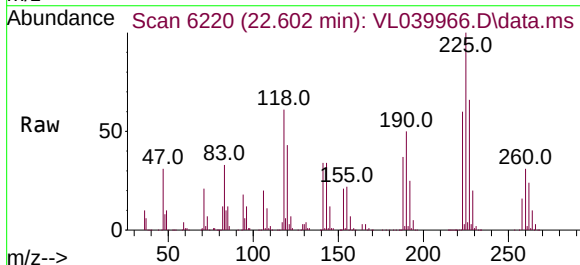
Instrument :
 MSVOA_1
 ClientSampleId :
 VL1202ABS01

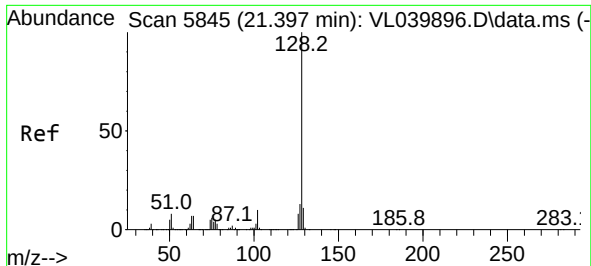
Tgt Ion:146 Resp: 1651388
 Ion Ratio Lower Upper
 146 100
 111 50.9 24.1 72.3
 148 65.3 32.4 97.2



#78
 Hexachloro-1,3-Butadiene
 Concen: 5.933 ppbv
 RT: 22.602 min Scan# 6220
 Delta R.T. 0.003 min
 Lab File: VL039966.D
 Acq: 2 Dec 2022 11:49

Tgt Ion:225 Resp: 986113
 Ion Ratio Lower Upper
 225 100
 223 63.5 50.7 76.1
 227 64.6 50.8 76.2

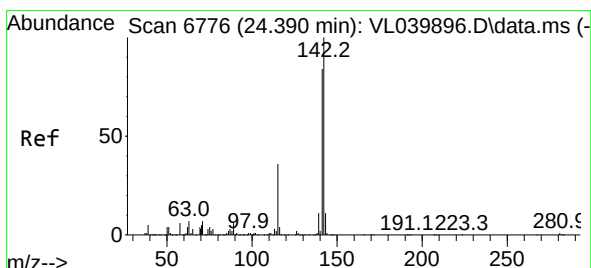
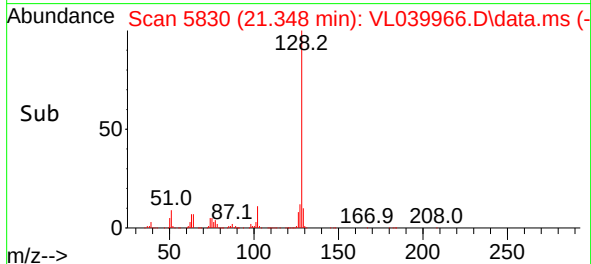
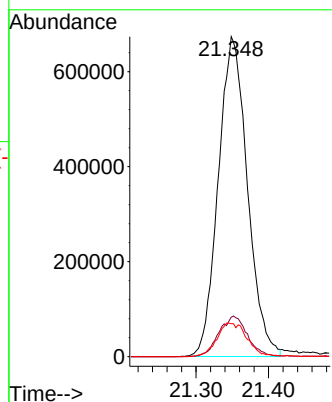
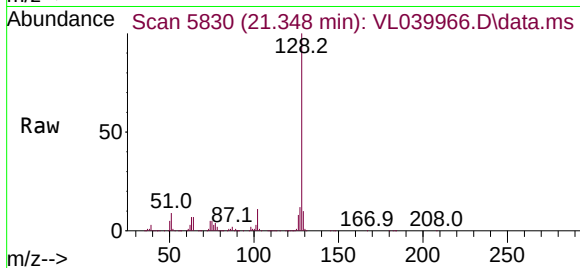




#79
Naphthalene
Concen: 7.116 ppbv
RT: 21.348 min Scan# 5830
Delta R.T. -0.000 min
Lab File: VL039966.D
Acq: 2 Dec 2022 11:49

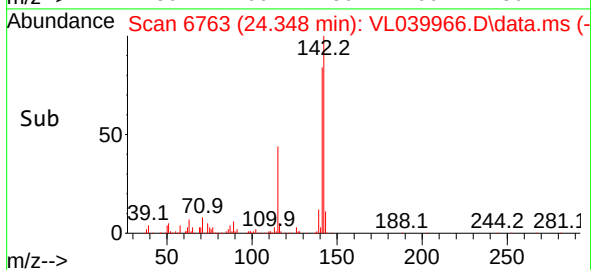
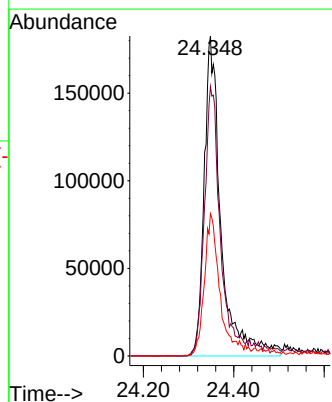
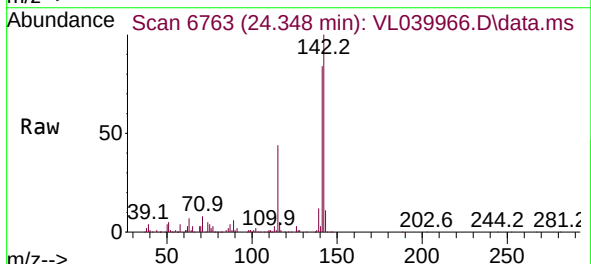
Instrument :
MSVOA_L
ClientSampleId :
VL1202ABS01

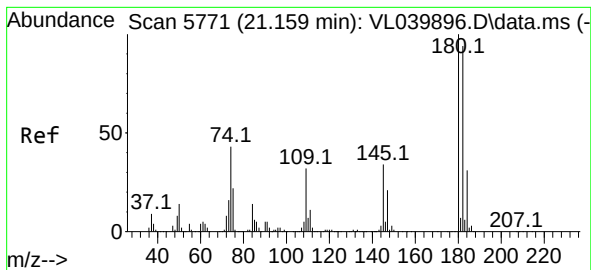
Tgt Ion:128 Resp: 1880770
Ion Ratio Lower Upper
128 100
127 12.3 10.0 15.0
129 10.3 8.8 13.2



#80
Naphthalene,2-methyl-
Concen: 6.366 ppbv
RT: 24.348 min Scan# 6763
Delta R.T. -0.000 min
Lab File: VL039966.D
Acq: 2 Dec 2022 11:49

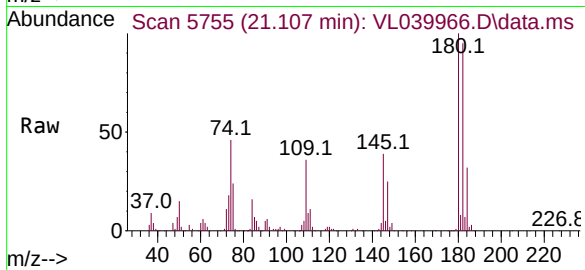
Tgt Ion:142 Resp: 473177
Ion Ratio Lower Upper
142 100
141 84.4 69.1 103.7
115 42.9 29.6 44.4





#81
 1,2,4-Trichlorobenzene
 Concen: 6.477 ppbv
 RT: 21.107 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: VL039966.D
 Acq: 2 Dec 2022 11:49

Instrument :
 MSVOA_L
 ClientSampleId :
 VL1202ABS01



Tgt Ion:180 Resp: 1057156
 Ion Ratio Lower Upper
 180 100
 182 96.7 77.0 115.6
 184 30.6 25.2 37.8

