

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL091922\
 Data File : VL039628.D
 Acq On : 19 Sep 2022 9:44
 Operator : SY/AP
 Sample : VSTDIC002
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Sep 20 07:51:58 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL091922AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Mon Sep 19 14:26:28 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.208	49	1180174	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.664	114	3136453	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.474	117	3024953	10.000	ppbv	# 0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.783	95	2233180	9.890	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.900%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.751	85	286536	2.094	ppbv	94
3) Chlorodifluoromethane	2.693	51	292474	2.088	ppbv	95
4) Chloromethane	2.835	50	179543	2.124	ppbv	99
5) Vinyl Chloride	2.941	62	145933	2.072	ppbv	93
6) Bromomethane	3.144	94	52704	2.029	ppbv	93
7) Chloroethane	3.217	64	53158	2.063	ppbv	99
8) Dichlorotetrafluoroethane	2.877	85	348388	2.123	ppbv	96
9) Propene	2.716	41	128881	2.015	ppbv	94
10) Heptane	7.587	43	323467	2.167	ppbv	99
11) Trichlorofluoromethane	3.584	101	346200	2.043	ppbv	99
12) 1,1,2-Trichlorotrifluo...	4.082	101	264697	2.068	ppbv	98
13) Ethanol	3.256	45	5252	1.078	ppbv #	28
14) Bromoethene	3.388	108	105400	2.063	ppbv	92
15) Acetone	3.488	43	292301	2.226	ppbv	96
16) 1,3-Butadiene	3.005	39	141219	2.120	ppbv	98
17) tert-Butyl alcohol	3.902	59	231443	1.964	ppbv	100
18) 1,1-Dichloroethene	3.902	96	114853	2.040	ppbv	91
19) Isopropyl Alcohol	3.597	45	123526	1.845	ppbv	98
20) Methylene Chloride	3.954	84	137734	2.268	ppbv	97
21) Allyl Chloride	4.015	41	179692	2.009	ppbv	98
22) trans-1,2-Dichloroethene	4.462	96	110006	1.975	ppbv	96
23) Vinyl Acetate	4.645	43	118009	1.988	ppbv #	97
24) 1,1-Dichloroethane	4.581	63	240664	2.036	ppbv	99
25) Ethyl Acetate	5.224	43	622703	2.175	ppbv	99
26) Hexane	5.227	57	265764	2.187	ppbv	99
27) Carbon Disulfide	4.144	76	261151	2.045	ppbv	96
28) Methyl tert-Butyl Ether	4.607	73	210054	2.057	ppbv	99
29) Chloroform	5.288	83	361641	2.061	ppbv	99
30) Cyclohexane	6.616	84	196026	2.083	ppbv	94
31) cis-1,2-Dichloroethene	5.095	61	227699	2.072	ppbv	97
32) 1,1,1-Trichloroethane	6.015	97	352470	2.219	ppbv	98
34) 2-Butanone	4.806	43	313824	2.037	ppbv	100
35) Carbon Tetrachloride	6.504	117	361107	2.169	ppbv	98
36) Benzene	6.381	78	511771	2.134	ppbv #	91
37) 1,2-Dichloroethane	5.815	62	262039	2.008	ppbv	98
38) Trichloroethene	7.301	130	286901	2.214	ppbv	93
39) 1,2-Dichloropropane	7.086	63	193996	2.095	ppbv	97
40) 1,4-Dioxane	7.311	88	64984	1.719	ppbv #	1
41) Tetrahydrofuran	5.584	42	194988	2.063	ppbv	99
42) Bromodichloromethane	7.259	83	379980	2.093	ppbv	94
43) Methyl Methacrylate	7.491	69	188094	2.152	ppbv	98
44) 2,2,4-Trimethylpentane	7.336	57	887328	2.147	ppbv	99
45) t-1,3-Dichloropropene	8.722	75	68098	0.922	ppbv	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL091922\
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 Acq On : 19 Sep 2022 9:44
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 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

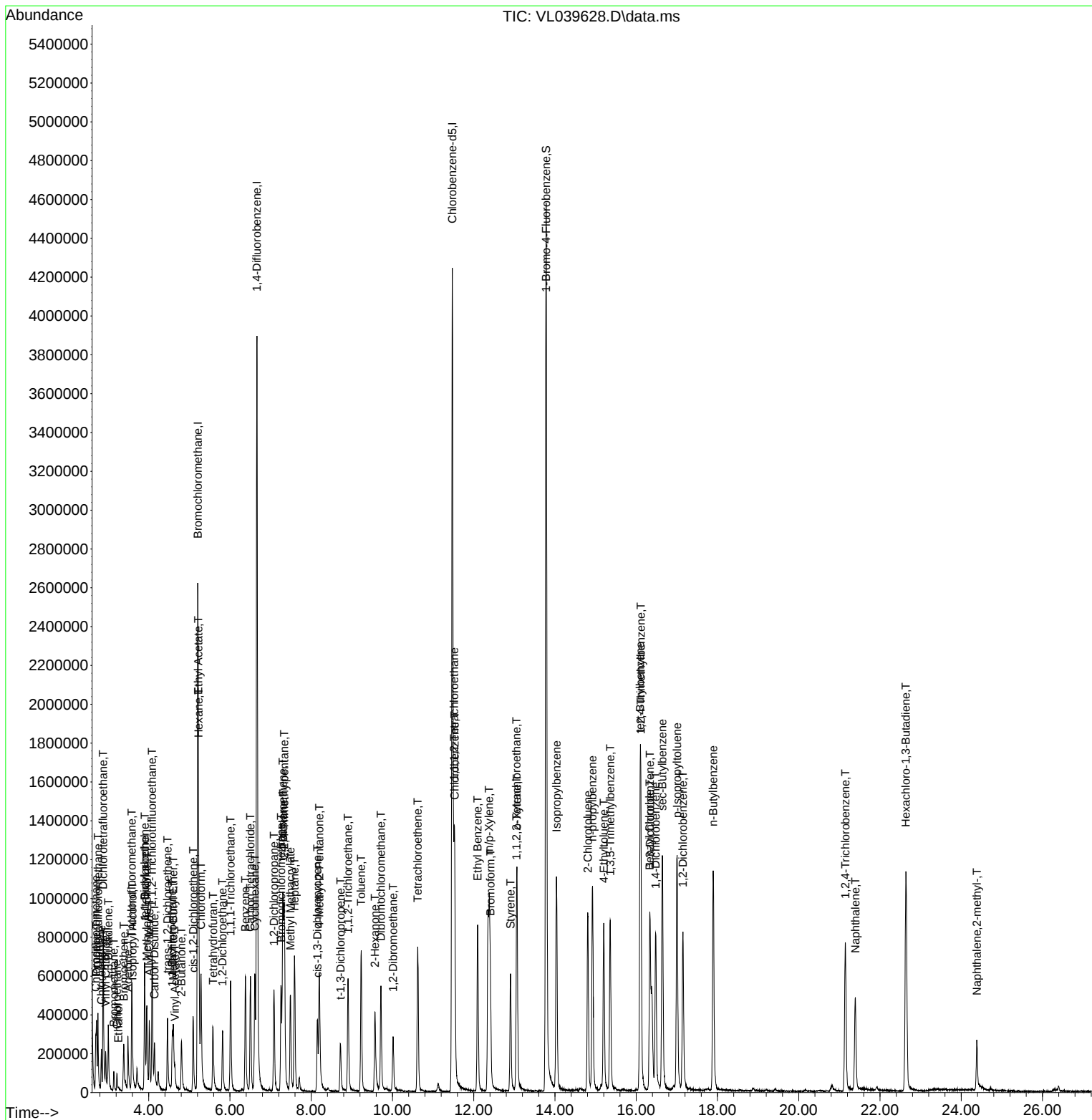
Instrument :
 MSVOA_L
 ClientSampleId :

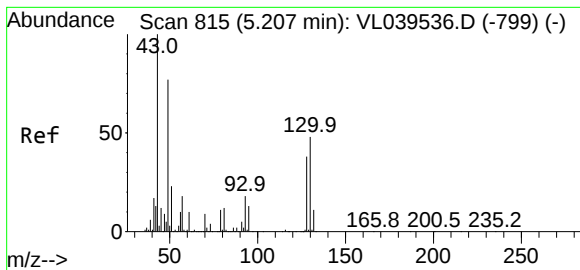
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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL091922AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Mon Sep 19 14:26:28 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.156	75	214541	2.040	ppbv	94
47) 1,1,2-Trichloroethane	8.905	97	212533	2.100	ppbv	98
48) Dibromochloromethane	9.716	129	321508	2.110	ppbv	98
49) Bromoform	12.410	173	251156	1.992	ppbv	97
50) 4-Methyl-2-Pentanone	8.198	43	511676	2.114	ppbv	100
51) 2-Hexanone	9.568	43	369085	2.060	ppbv #	96
52) Tetrachloroethene	10.622	164	191599	2.094	ppbv	94
53) Toluene	9.230	91	574084	2.153	ppbv	100
54) 1,2-Dibromoethane	10.015	107	233208	2.154	ppbv	100
56) 1,1,1,2-Tetrachloroethane	11.519	131	256007	2.094	ppbv #	1
57) Chlorobenzene	11.532	112	467280	2.101	ppbv	95
58) Ethyl Benzene	12.095	91	773280	2.217	ppbv	95
59) m/p-Xylene	12.378	91	738049	2.378	ppbv #	42
60) o-Xylene	13.066	91	650279	2.194	ppbv	99
61) Styrene	12.905	104	349189	2.187	ppbv	99
62) Isopropylbenzene	14.037	105	973909	2.184	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.053	83	262164	2.217	ppbv	98
64) n-propylbenzene	14.924	120	247646	2.168	ppbv	90
65) tert-Butylbenzene	16.095	119	895168	2.272	ppbv	99
66) Benzyl Chloride	16.333	91	41988	1.338	ppbv #	79
67) sec-Butylbenzene	16.641	105	1243291	2.249	ppbv	98
69) p-Isopropyltoluene	17.008	119	480625	1.058	ppbv #	45
70) n-Butylbenzene	17.895	91	997282	2.240	ppbv	99
71) 2-Chlorotoluene	14.809	91	707446	2.197	ppbv	98
72) 4-Ethyltoluene	15.204	105	371000	1.096	ppbv #	55
73) 1,3,5-Trimethylbenzene	15.362	105	690053	2.229	ppbv	97
74) 1,2,4-Trimethylbenzene	16.114	105	760968	2.192	ppbv	92
75) 1,3-Dichlorobenzene	16.336	146	446572	2.156	ppbv	98
76) 1,4-Dichlorobenzene	16.477	146	233056	1.125	ppbv #	29
77) 1,2-Dichlorobenzene	17.149	146	436332	2.161	ppbv	98
78) Hexachloro-1,3-Butadiene	22.638	225	351007	2.275	ppbv	98
79) Naphthalene	21.394	128	570957	2.493	ppbv	98
80) Naphthalene,2-methyl-	24.384	142	183571	2.132	ppbv	96
81) 1,2,4-Trichlorobenzene	21.149	180	336106	2.234	ppbv	99

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

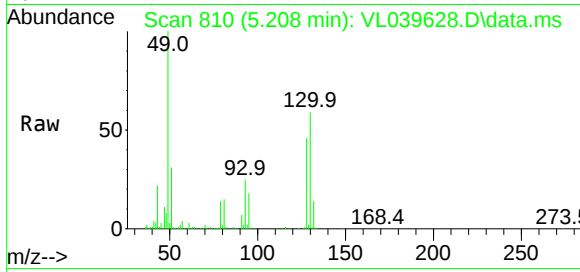
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Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Mon Sep 19 14:26:28 2022
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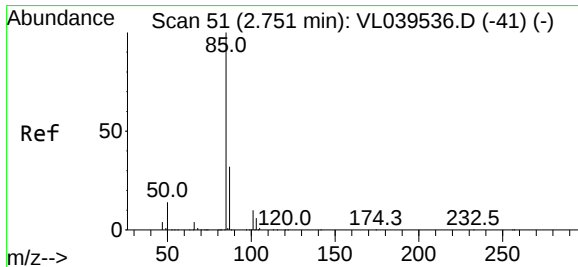
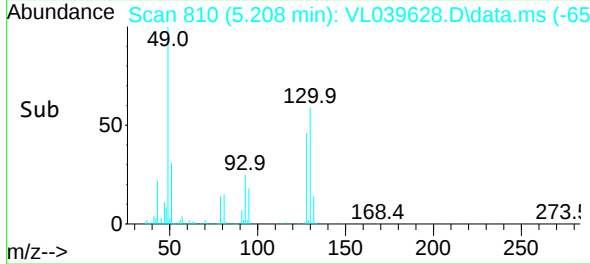
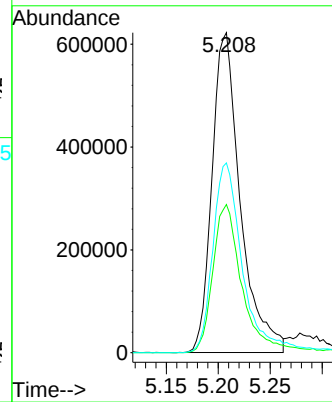
#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.208 min Scan# 81
 Delta R.T. 0.001 min
 Lab File: VL039628.D
 Acq: 19 Sep 2022 9:44

Instrument :
 MSVOA_L
 ClientSampleId :



Tgt Ion: 49 Resp: 1180174

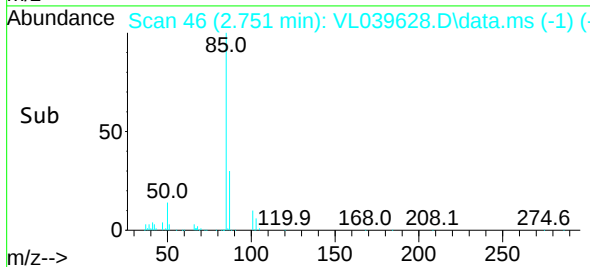
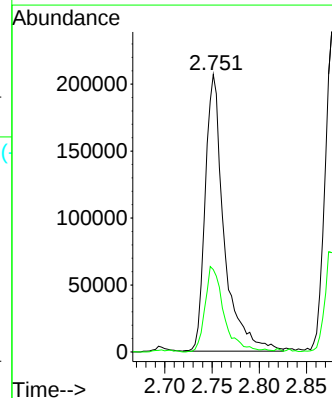
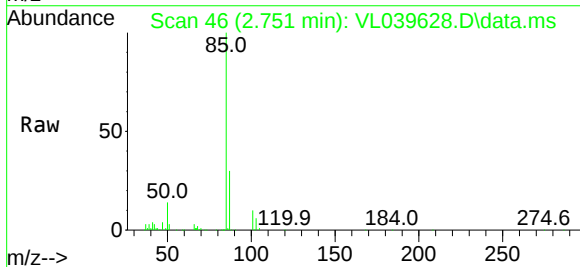
Ion	Ratio	Lower	Upper
49	100		
128	49.3	26.7	80.0
130	63.5	34.3	102.8

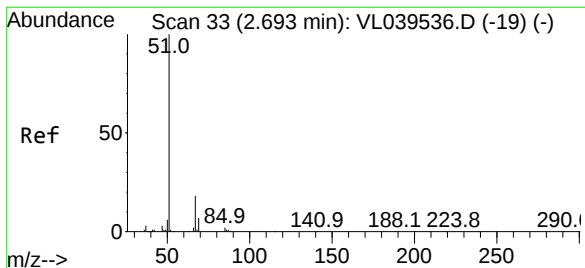


#2
 Dichlorodifluoromethane
 Concen: 2.094 ppbv
 RT: 2.751 min Scan# 46
 Delta R.T. 0.001 min
 Lab File: VL039628.D
 Acq: 19 Sep 2022 9:44

Tgt Ion: 85 Resp: 286536

Ion	Ratio	Lower	Upper
85	100		
87	29.8	26.7	40.1

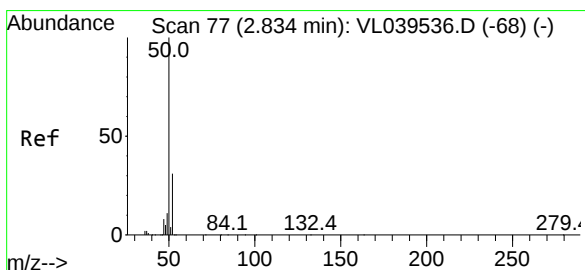
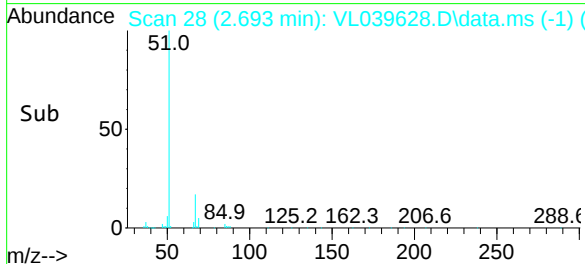
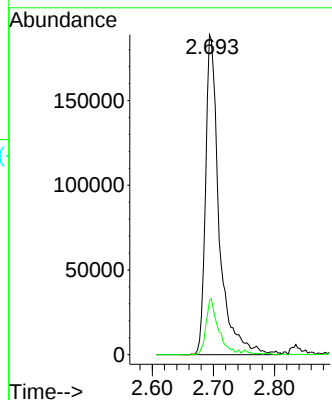
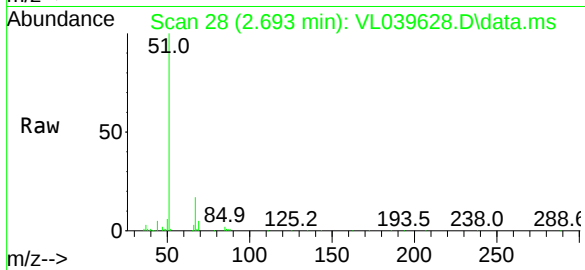




#3
Chlorodifluoromethane
Concen: 2.088 ppbv
RT: 2.693 min Scan# 21
Delta R.T. 0.001 min
Lab File: VL039628.D
Acq: 19 Sep 2022 9:44

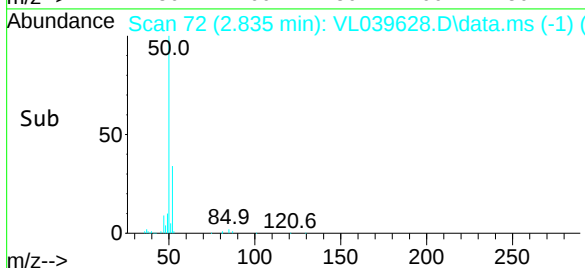
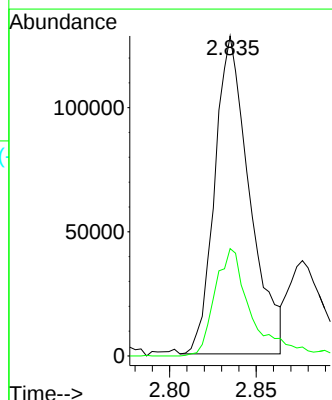
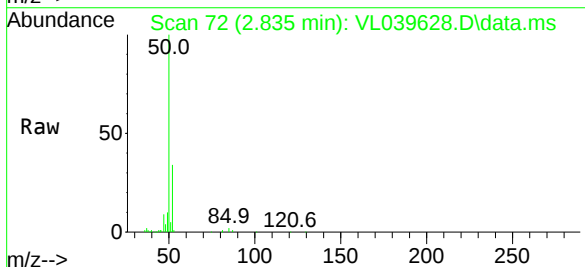
Instrument :
MSVOA_L
ClientSampleId :

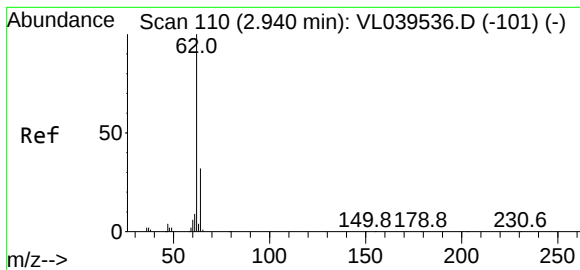
Tgt Ion: 51 Resp: 292474
Ion Ratio Lower Upper
51 100
67 17.3 15.7 23.5



#4
Chloromethane
Concen: 2.124 ppbv
RT: 2.835 min Scan# 72
Delta R.T. 0.001 min
Lab File: VL039628.D
Acq: 19 Sep 2022 9:44

Tgt Ion: 50 Resp: 179543
Ion Ratio Lower Upper
50 100
52 33.8 26.5 39.7

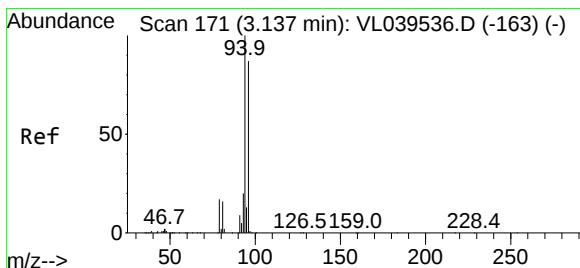
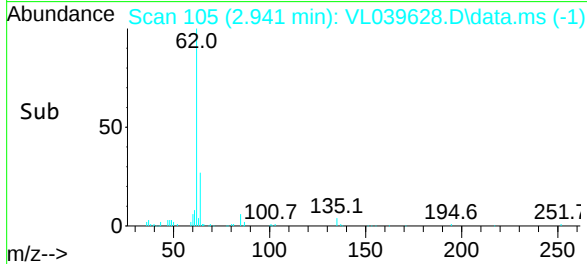
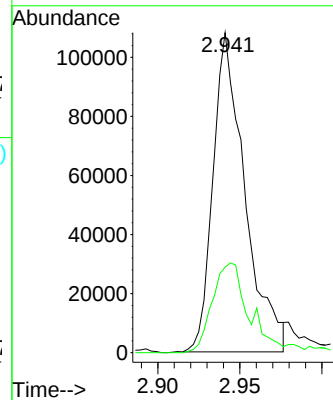
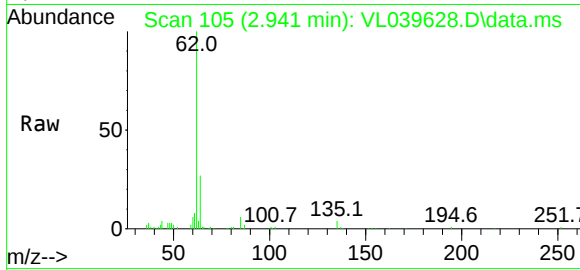




#5
 Vinyl Chloride
 Concen: 2.072 ppbv
 RT: 2.941 min Scan# 105
 Delta R.T. 0.001 min
 Lab File: VL039628.D
 Acq: 19 Sep 2022 9:44

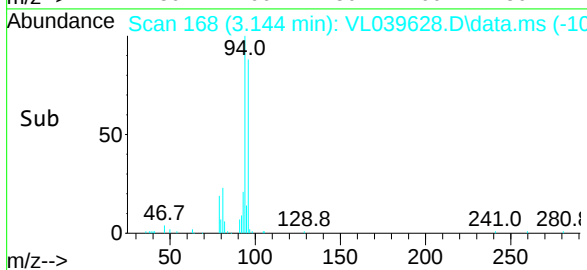
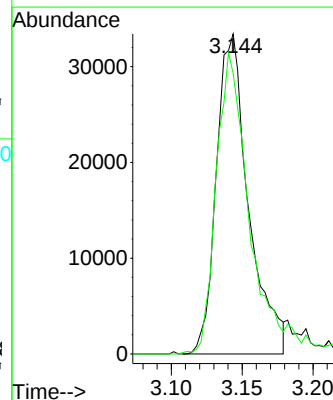
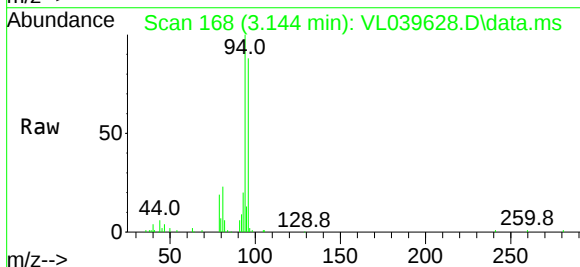
Instrument :
 MSVOA_L
 ClientSampleId :

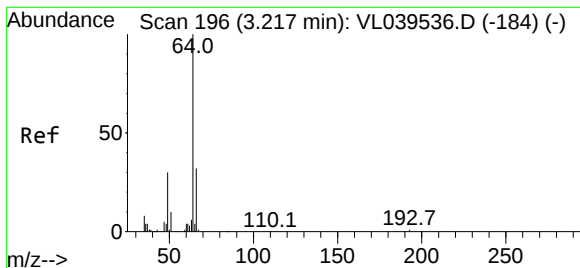
Tgt Ion: 62 Resp: 145933
 Ion Ratio Lower Upper
 62 100
 64 26.8 24.6 36.8



#6
 Bromomethane
 Concen: 2.029 ppbv
 RT: 3.144 min Scan# 168
 Delta R.T. 0.007 min
 Lab File: VL039628.D
 Acq: 19 Sep 2022 9:44

Tgt Ion: 94 Resp: 52704
 Ion Ratio Lower Upper
 94 100
 96 87.3 75.6 113.4





#7

Chloroethane

Concen: 2.063 ppbv

RT: 3.217 min Scan# 196

Delta R.T. 0.001 min

Lab File: VL039628.D

Acq: 19 Sep 2022 9:44

Instrument :

MSVOA_L

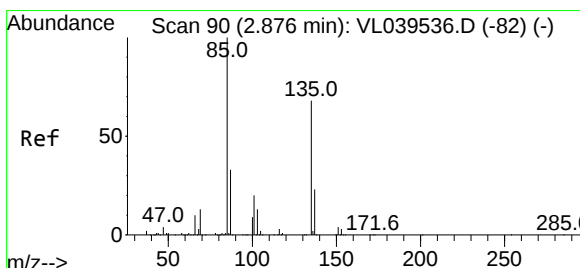
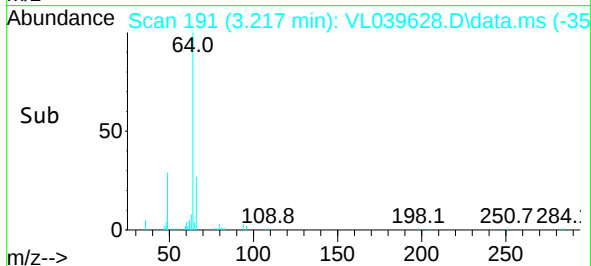
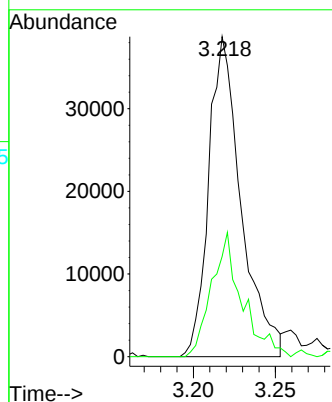
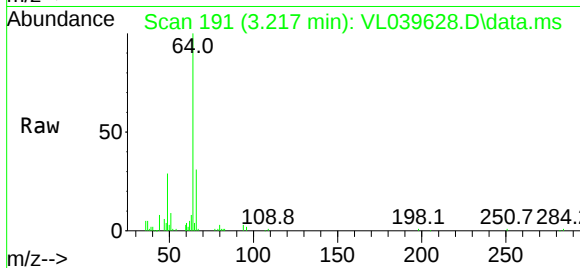
ClientSampleId :

Tgt Ion: 64 Resp: 53158

Ion Ratio Lower Upper

64 100

66 31.3 24.7 37.1



#8

Dichlorotetrafluoroethane

Concen: 2.123 ppbv

RT: 2.877 min Scan# 85

Delta R.T. 0.001 min

Lab File: VL039628.D

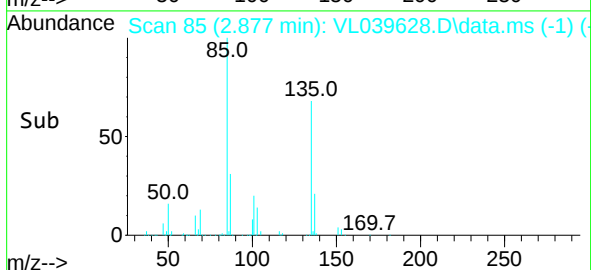
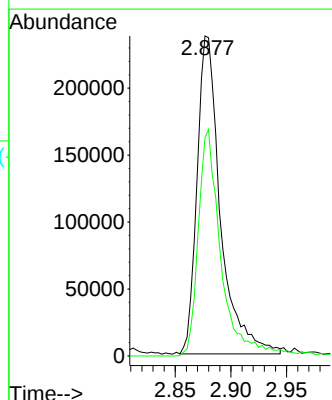
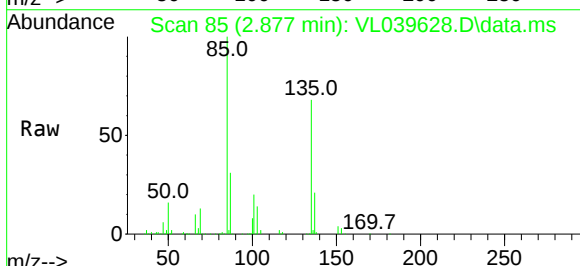
Acq: 19 Sep 2022 9:44

Tgt Ion: 85 Resp: 348388

Ion Ratio Lower Upper

85 100

135 70.2 59.0 88.4





#9

Propene

Concen: 2.015 ppbv

RT: 2.716 min Scan# 31

Delta R.T. 0.001 min

Lab File: VL039628.D

Acq: 19 Sep 2022 9:44

Instrument :

MSVOA_L

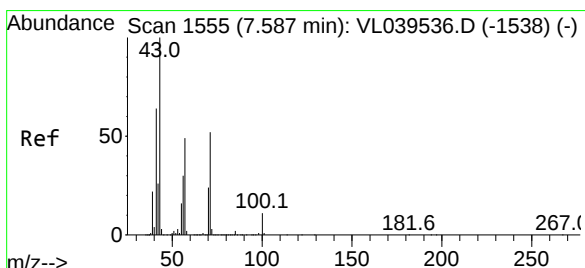
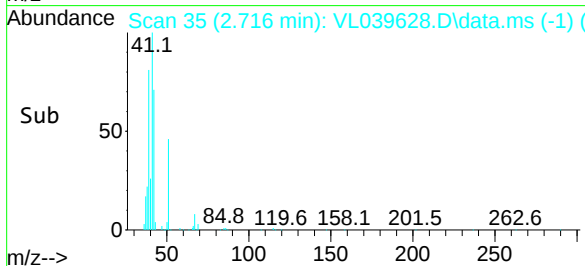
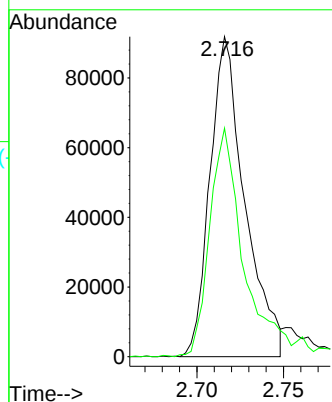
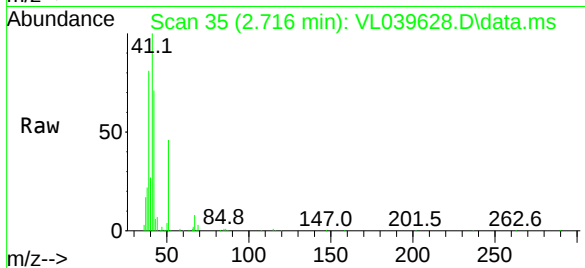
ClientSampleId :

Tgt Ion: 41 Resp: 128881

Ion Ratio Lower Upper

41 100

42 74.1 55.2 82.8



#10

Heptane

Concen: 2.167 ppbv

RT: 7.587 min Scan# 1550

Delta R.T. 0.001 min

Lab File: VL039628.D

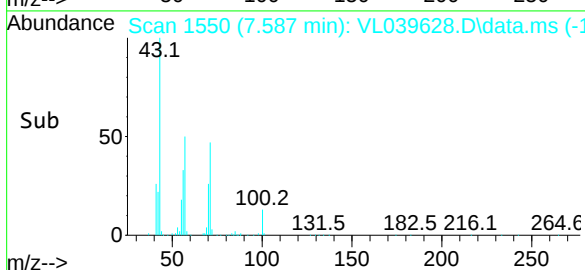
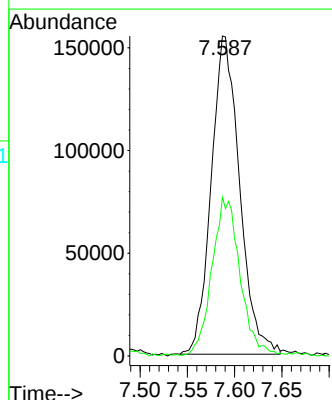
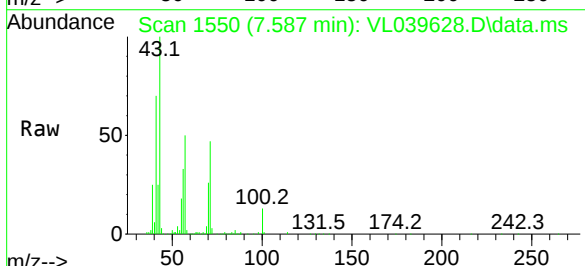
Acq: 19 Sep 2022 9:44

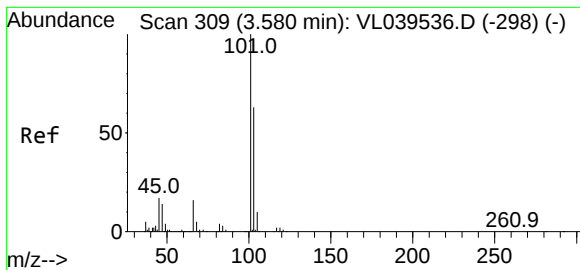
Tgt Ion: 43 Resp: 323467

Ion Ratio Lower Upper

43 100

57 50.1 40.5 60.7

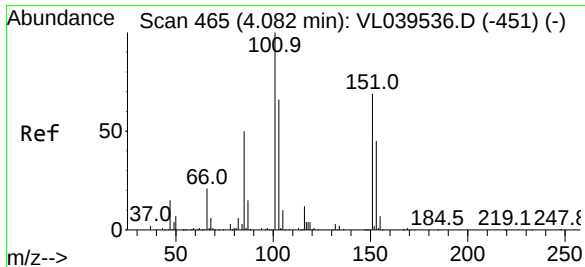
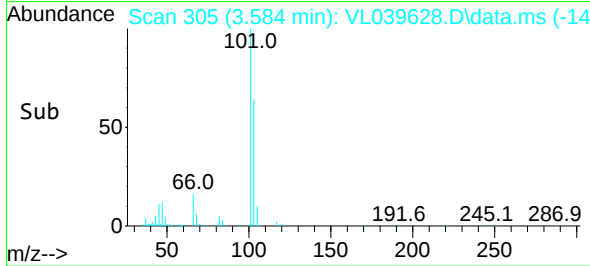
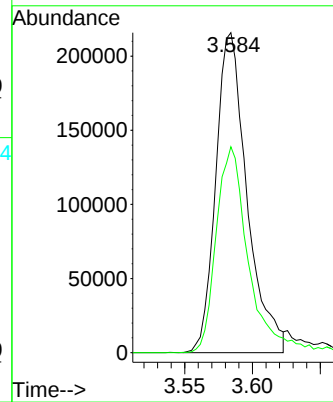
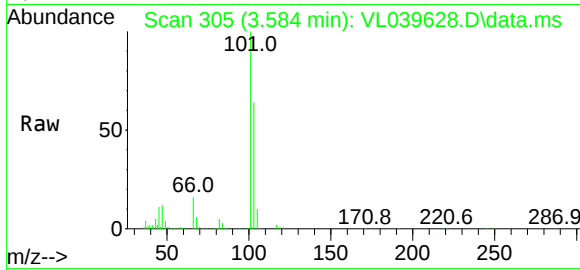




#11
 Trichlorofluoromethane
 Concen: 2.043 ppbv
 RT: 3.584 min Scan# 309
 Delta R.T. 0.004 min
 Lab File: VL039628.D
 Acq: 19 Sep 2022 9:44

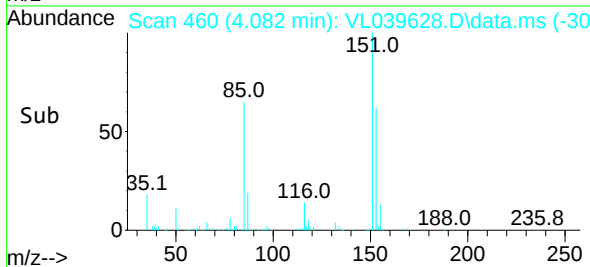
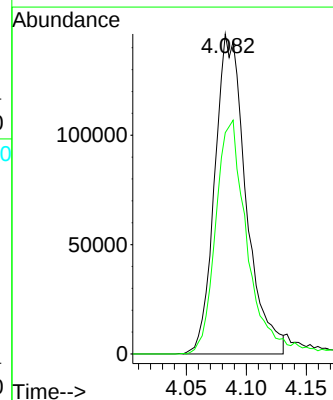
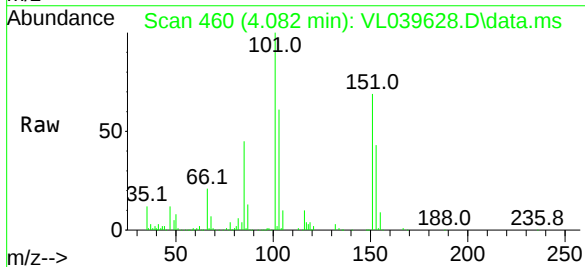
Instrument :
 MSVOA_L
 ClientSampleId :

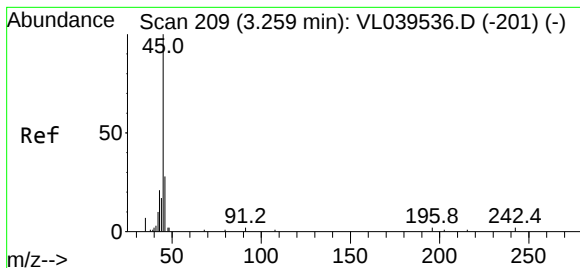
Tgt Ion:101 Resp: 346200
 Ion Ratio Lower Upper
 101 100
 103 64.2 51.8 77.8



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 2.068 ppbv
 RT: 4.082 min Scan# 460
 Delta R.T. 0.001 min
 Lab File: VL039628.D
 Acq: 19 Sep 2022 9:44

Tgt Ion:101 Resp: 264697
 Ion Ratio Lower Upper
 101 100
 151 75.2 58.9 88.3





#13

Ethanol

Concen: 1.078 ppbv

RT: 3.256 min Scan# 209

Delta R.T. -0.003 min

Lab File: VL039628.D

Acq: 19 Sep 2022 9:44

Instrument :

MSVOA_L

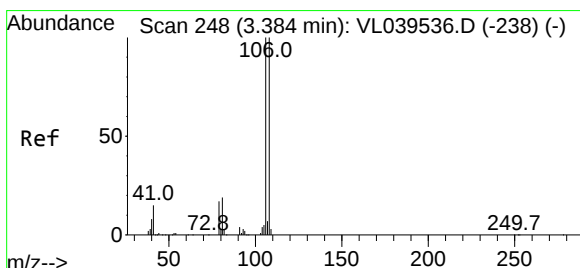
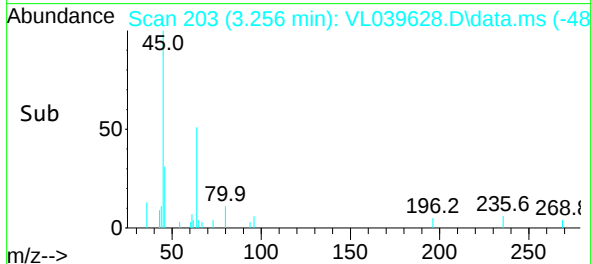
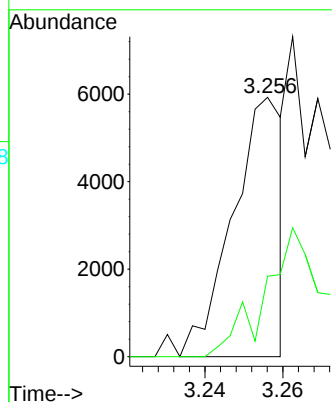
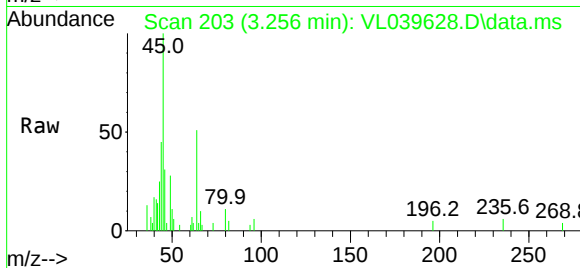
ClientSampleId :

Tgt Ion: 45 Resp: 5252

Ion Ratio Lower Upper

45 100

46 109.8 22.8 91.2#



#14

Bromoethene

Concen: 2.063 ppbv

RT: 3.388 min Scan# 244

Delta R.T. 0.004 min

Lab File: VL039628.D

Acq: 19 Sep 2022 9:44

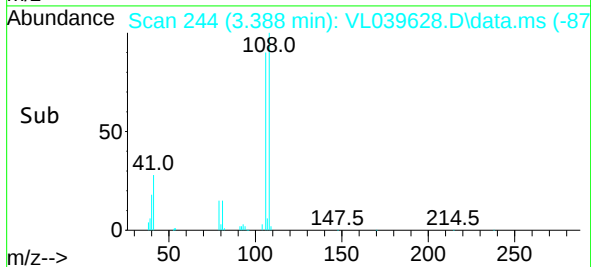
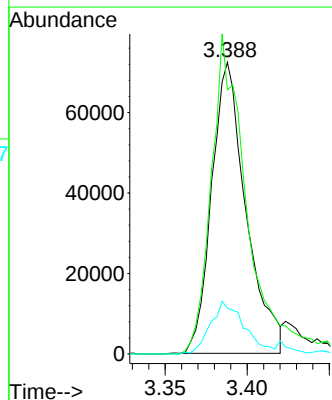
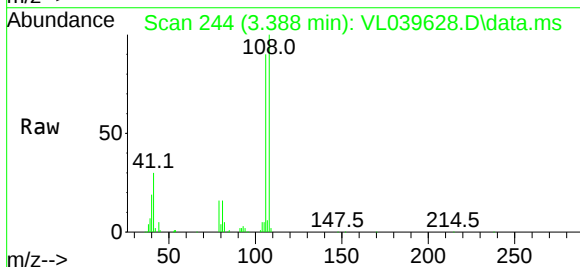
Tgt Ion: 108 Resp: 105400

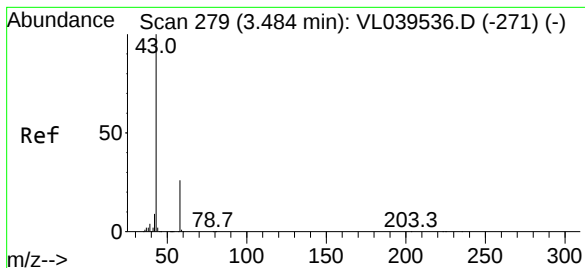
Ion Ratio Lower Upper

108 100

106 118.4 87.1 130.7

79 20.0 14.6 22.0

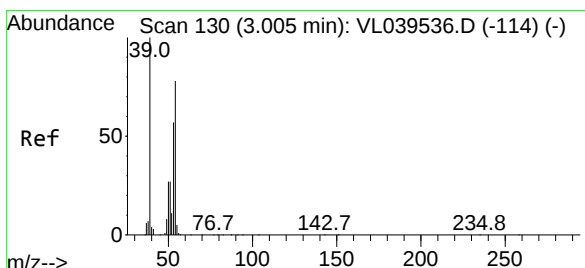
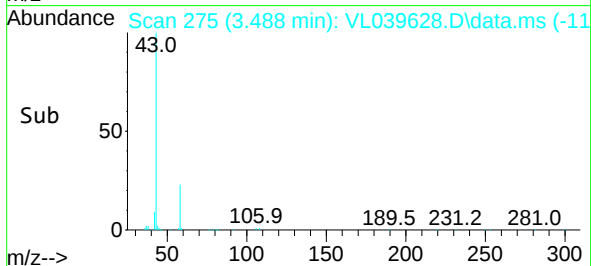
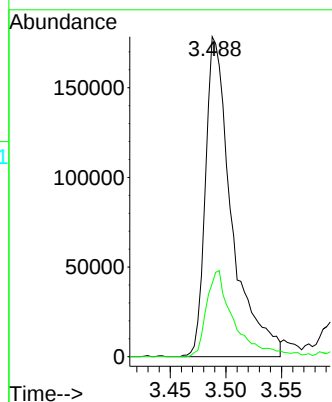
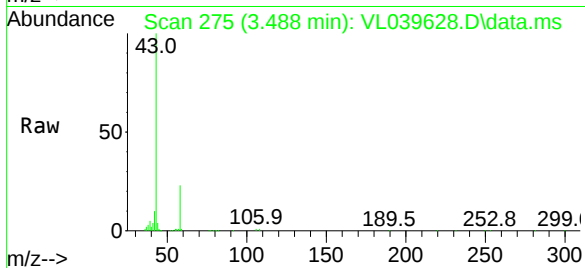




#15
Acetone
Concen: 2.226 ppbv
RT: 3.488 min Scan# 21
Delta R.T. 0.004 min
Lab File: VL039628.D
Acq: 19 Sep 2022 9:44

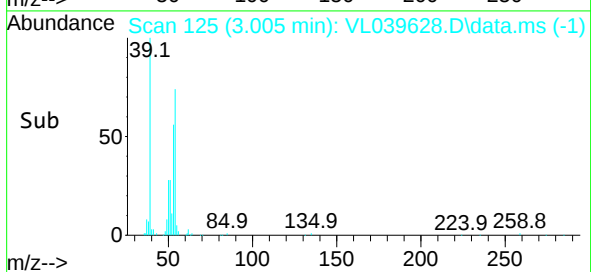
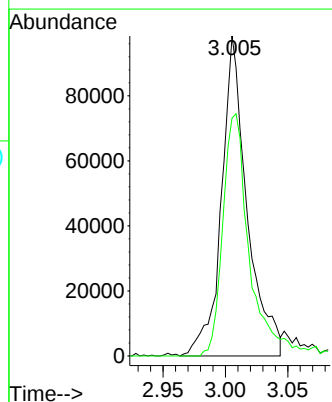
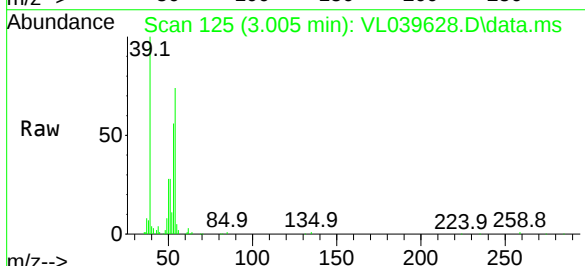
Instrument :
MSVOA_L
ClientSampleId :

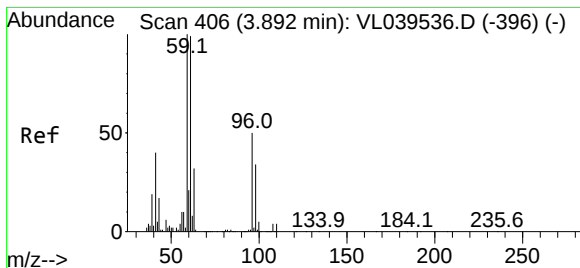
Tgt Ion: 43 Resp: 292301
Ion Ratio Lower Upper
43 100
58 28.3 21.0 31.6



#16
1,3-Butadiene
Concen: 2.120 ppbv
RT: 3.005 min Scan# 125
Delta R.T. 0.001 min
Lab File: VL039628.D
Acq: 19 Sep 2022 9:44

Tgt Ion: 39 Resp: 141219
Ion Ratio Lower Upper
39 100
54 81.2 63.7 95.5





#17

tert-Butyl alcohol

Concen: 1.964 ppbv

RT: 3.902 min Scan# 404

Delta R.T. 0.010 min

Lab File: VL039628.D

Acq: 19 Sep 2022 9:44

Instrument :

MSVOA_L

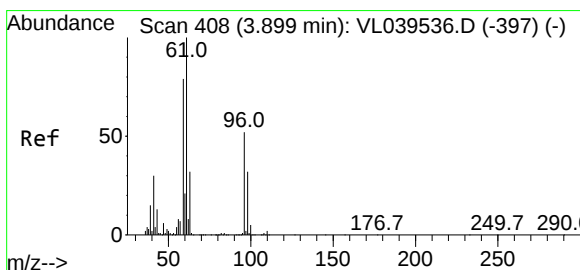
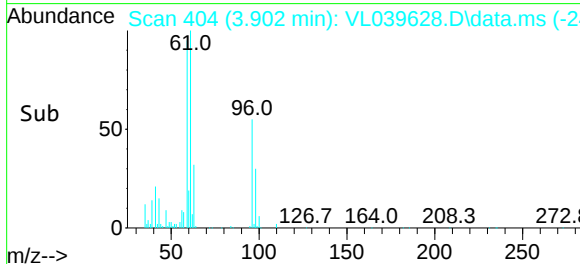
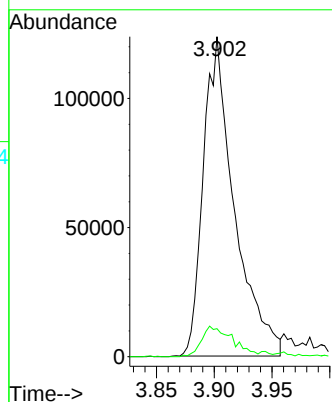
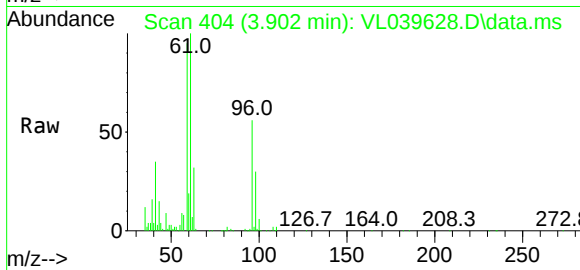
ClientSampleId :

Tgt Ion: 59 Resp: 231443

Ion Ratio Lower Upper

59 100

57 11.0 8.7 13.1



#18

1,1-Dichloroethene

Concen: 2.040 ppbv

RT: 3.902 min Scan# 404

Delta R.T. 0.004 min

Lab File: VL039628.D

Acq: 19 Sep 2022 9:44

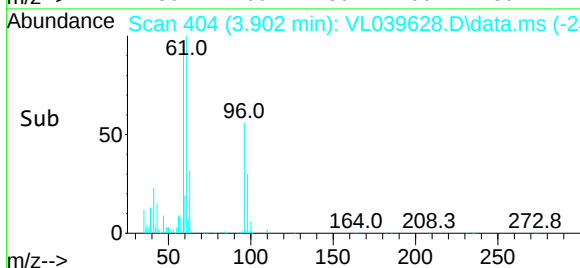
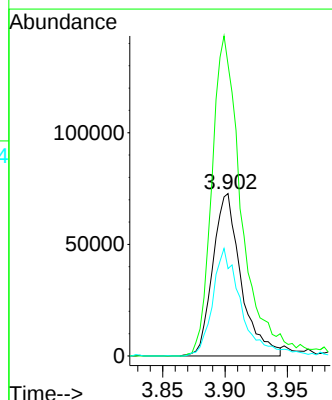
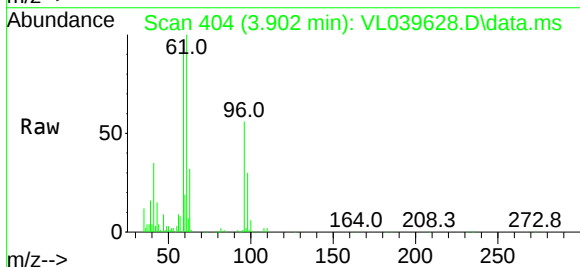
Tgt Ion: 96 Resp: 114853

Ion Ratio Lower Upper

96 100

61 179.3 152.2 228.4

98 53.8 51.8 77.6

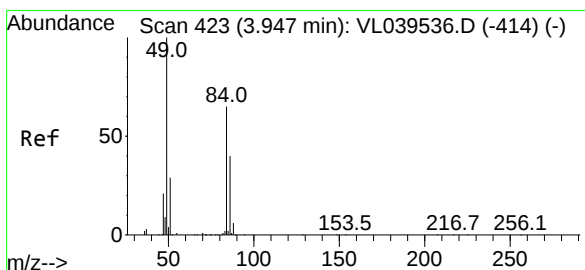
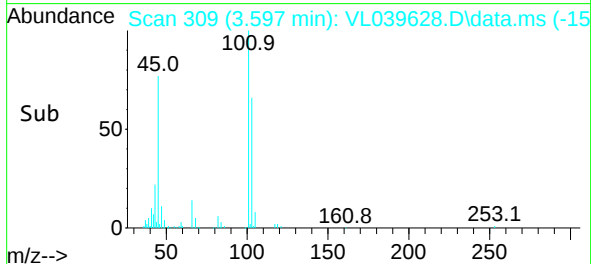
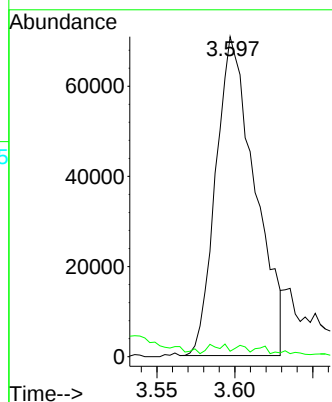
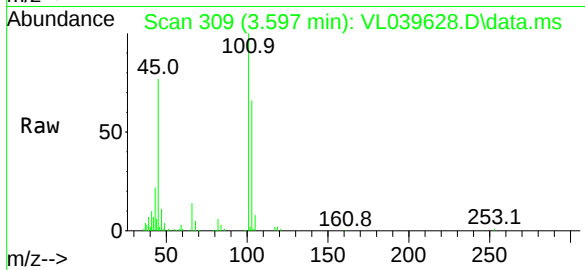




#19
Isopropyl Alcohol
Concen: 1.845 ppbv
RT: 3.597 min Scan# 309
Delta R.T. 0.007 min
Lab File: VL039628.D
Acq: 19 Sep 2022 9:44

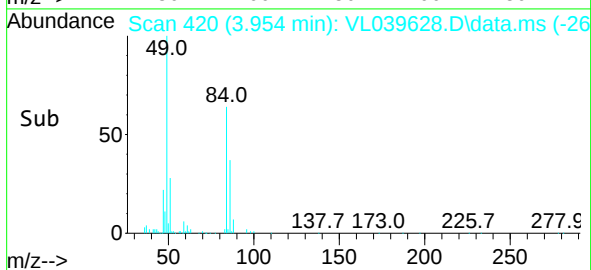
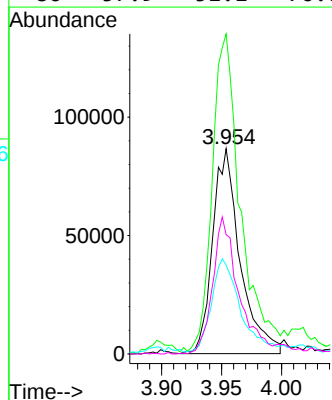
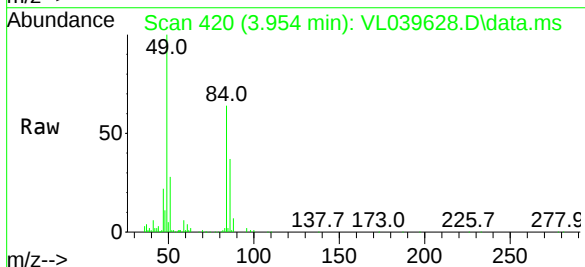
Instrument :
MSVOA_L
ClientSampleId :

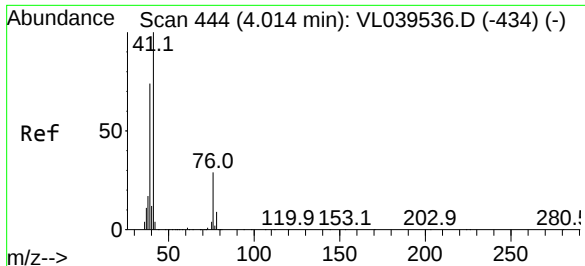
Tgt Ion: 45 Resp: 123526
Ion Ratio Lower Upper
45 100
58 3.4 3.2 4.8



#20
Methylene Chloride
Concen: 2.268 ppbv
RT: 3.954 min Scan# 420
Delta R.T. 0.007 min
Lab File: VL039628.D
Acq: 19 Sep 2022 9:44

Tgt Ion: 84 Resp: 137734
Ion Ratio Lower Upper
84 100
49 155.1 123.1 184.7
51 41.1 34.4 51.6
86 57.9 51.1 76.7





#21

Allyl Chloride

Concen: 2.009 ppbv

RT: 4.015 min Scan# 41

Delta R.T. 0.001 min

Lab File: VL039628.D

Acq: 19 Sep 2022 9:44

Instrument :

MSVOA_L

ClientSampleId :

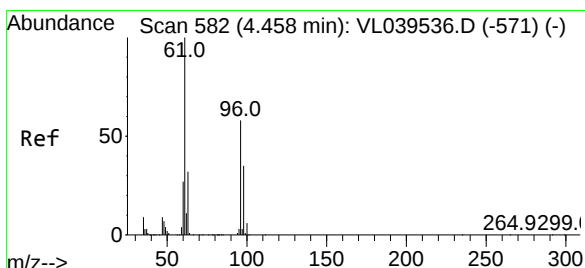
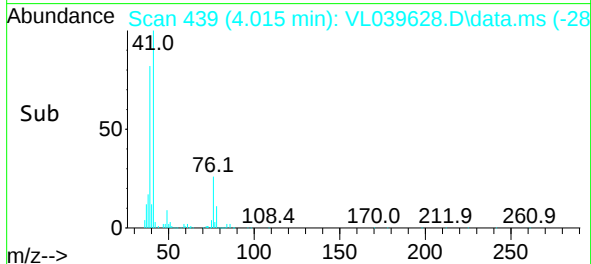
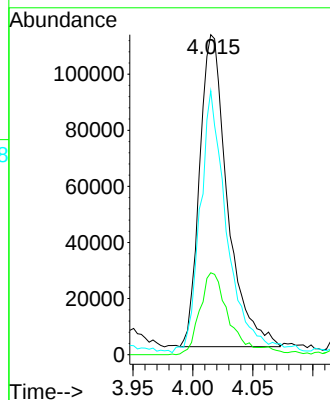
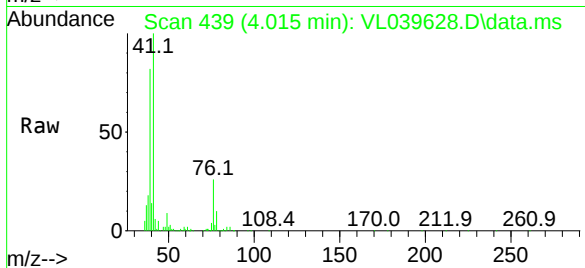
Tgt Ion: 41 Resp: 179692

Ion Ratio Lower Upper

41 100

76 28.5 24.4 36.6

39 80.5 63.5 95.3



#22

trans-1,2-Dichloroethene

Concen: 1.975 ppbv

RT: 4.462 min Scan# 578

Delta R.T. 0.004 min

Lab File: VL039628.D

Acq: 19 Sep 2022 9:44

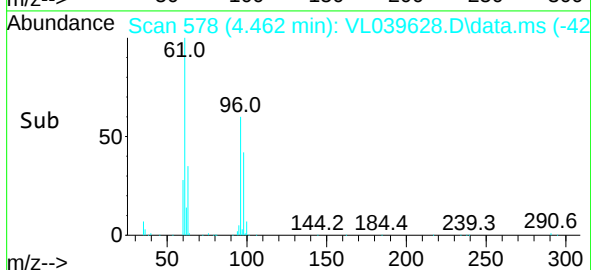
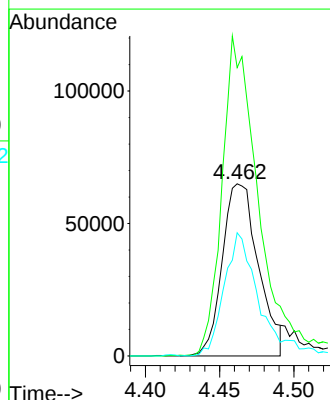
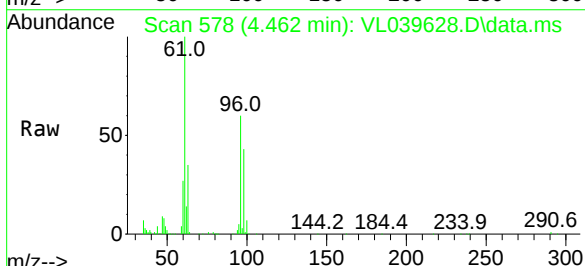
Tgt Ion: 96 Resp: 110006

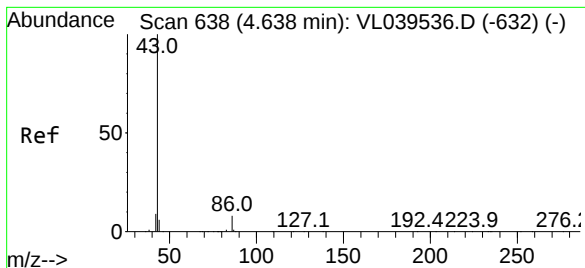
Ion Ratio Lower Upper

96 100

61 167.0 130.6 195.8

98 71.6 53.4 80.0

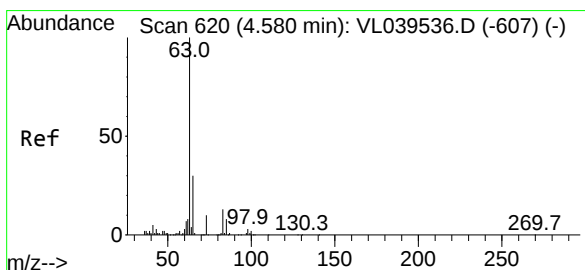
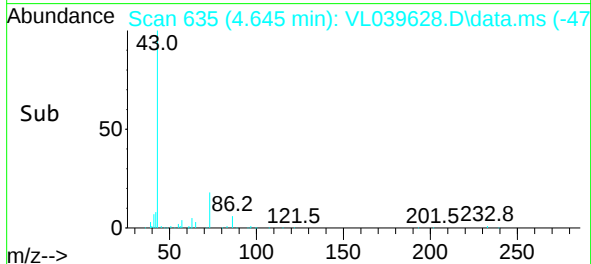
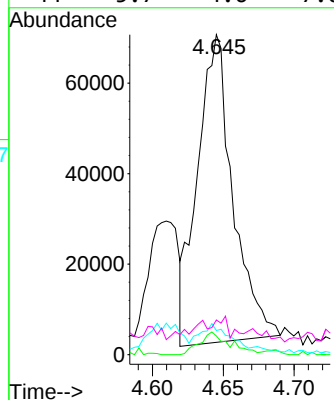
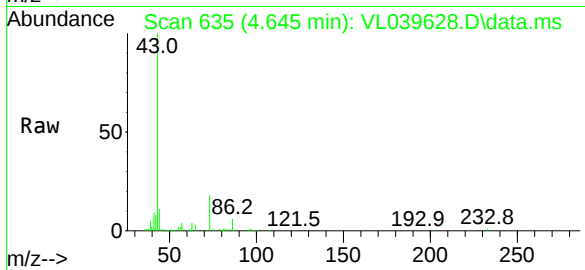




#23
 Vinyl Acetate
 Concen: 1.988 ppbv
 RT: 4.645 min Scan# 615
 Delta R.T. 0.007 min
 Lab File: VL039628.D
 Acq: 19 Sep 2022 9:44

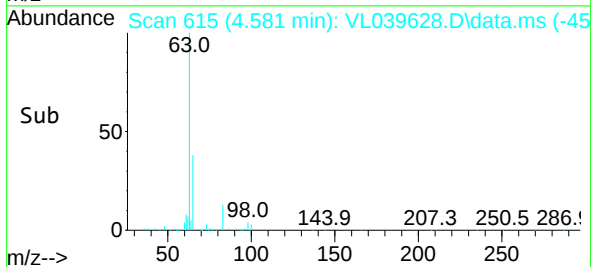
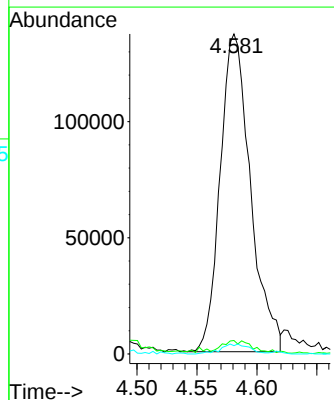
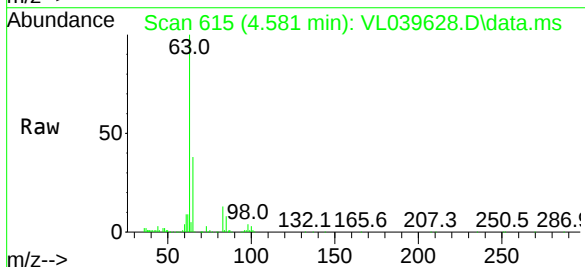
Instrument :
 MSVOA_L
 ClientSampleId :

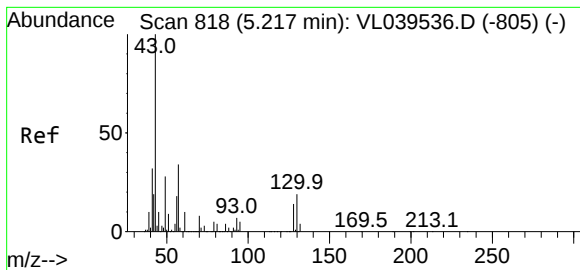
Tgt Ion:	43	Resp:	118009
Ion	Ratio	Lower	Upper
43	100		
86	6.2	5.0	7.6
42	7.0	7.7	11.5
44	5.7	4.6	7.0



#24
 1,1-Dichloroethane
 Concen: 2.036 ppbv
 RT: 4.581 min Scan# 615
 Delta R.T. 0.001 min
 Lab File: VL039628.D
 Acq: 19 Sep 2022 9:44

Tgt Ion:	63	Resp:	240664
Ion	Ratio	Lower	Upper
63	100		
98	3.3	1.8	5.3
100	2.3	1.5	4.4

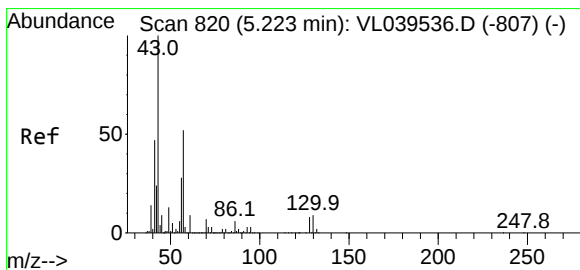
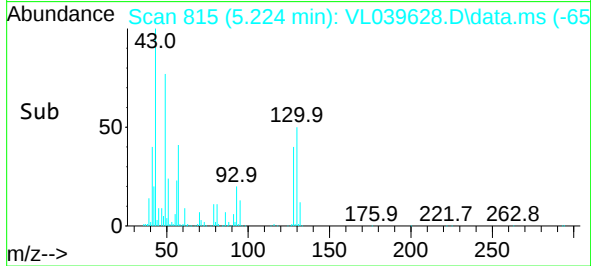
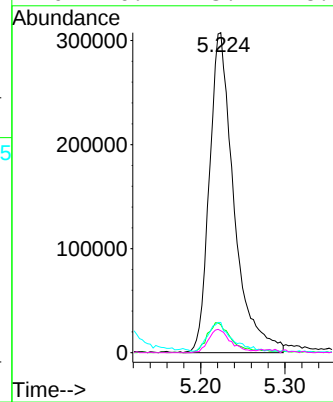
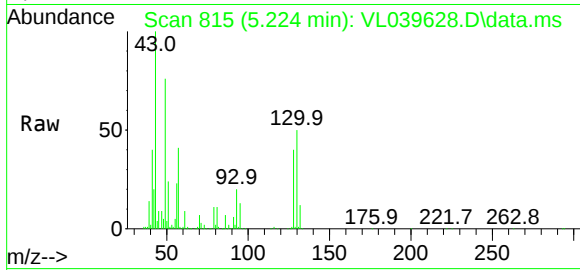




#25
Ethyl Acetate
Concen: 2.175 ppbv
RT: 5.224 min Scan# 815
Delta R.T. 0.007 min
Lab File: VL039628.D
Acq: 19 Sep 2022 9:44

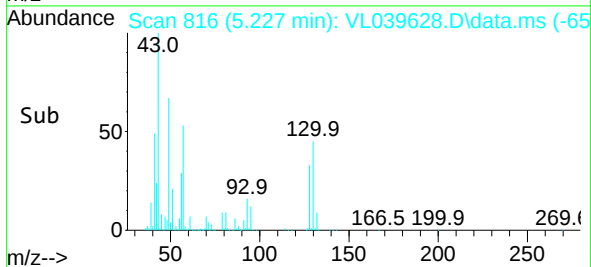
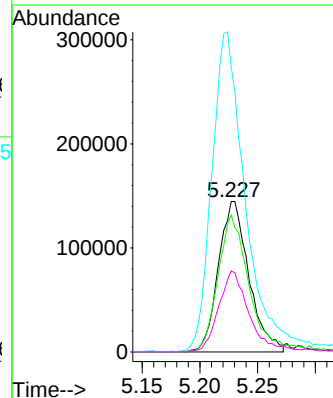
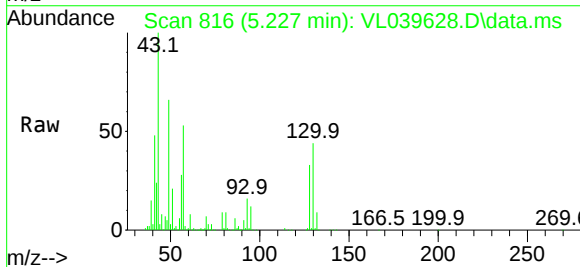
Instrument :
MSVOA_L
ClientSampleId :

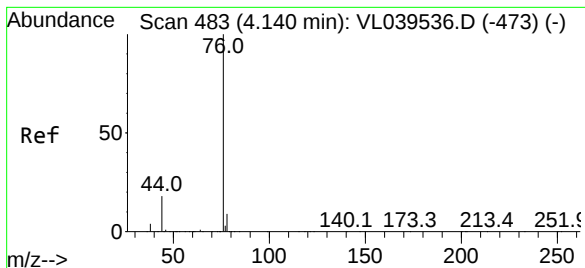
Tgt Ion: 43	Resp: 622703
Ion Ratio	Lower Upper
43 100	
45 9.7	8.2 12.4
61 10.1	8.3 12.5
70 6.7	5.9 8.9



#26
Hexane
Concen: 2.187 ppbv
RT: 5.227 min Scan# 816
Delta R.T. 0.004 min
Lab File: VL039628.D
Acq: 19 Sep 2022 9:44

Tgt Ion: 57	Resp: 265764
Ion Ratio	Lower Upper
57 100	
41 95.5	76.9 115.3
43 241.5	191.0 286.6
56 55.4	43.2 64.8

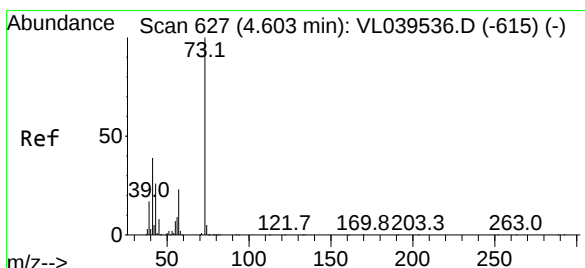
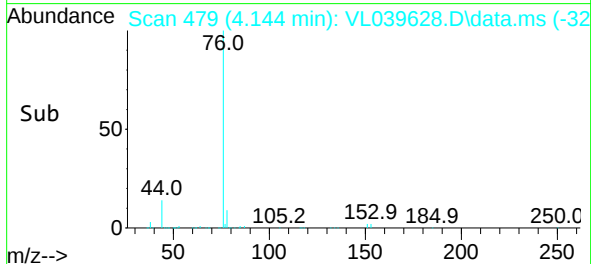
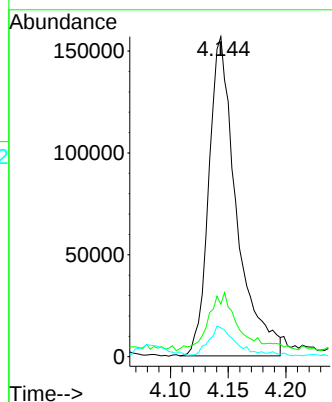
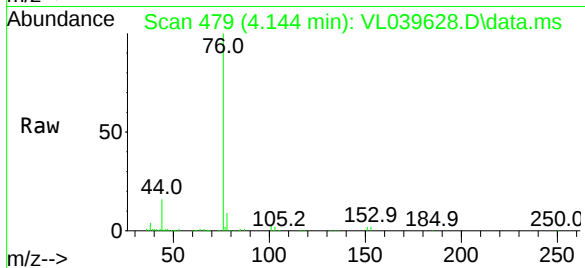




#27
Carbon Disulfide
Concen: 2.045 ppbv
RT: 4.144 min Scan# 41
Delta R.T. 0.004 min
Lab File: VL039628.D
Acq: 19 Sep 2022 9:44

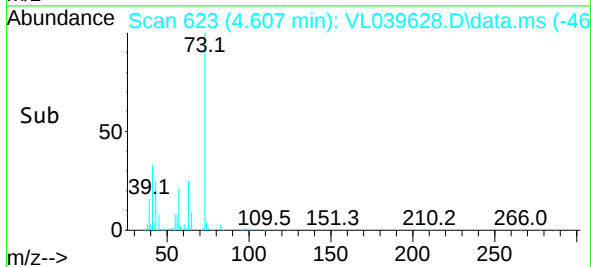
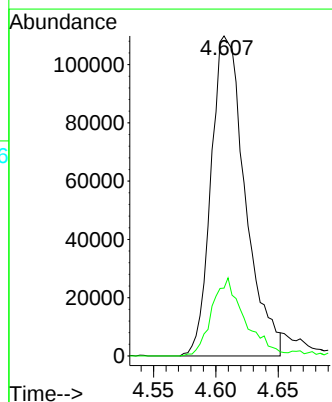
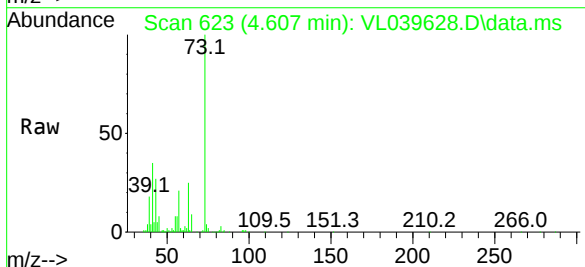
Instrument :
MSVOA_L
ClientSampleId :

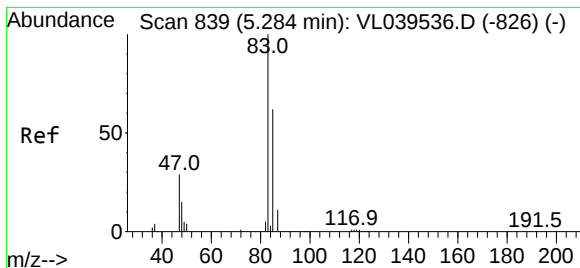
Tgt Ion: 76 Resp: 261151
Ion Ratio Lower Upper
76 100
44 20.5 14.6 21.8
78 10.8 7.8 11.6



#28
Methyl tert-Butyl Ether
Concen: 2.057 ppbv
RT: 4.607 min Scan# 623
Delta R.T. 0.004 min
Lab File: VL039628.D
Acq: 19 Sep 2022 9:44

Tgt Ion: 73 Resp: 210054
Ion Ratio Lower Upper
73 100
57 25.1 19.8 29.8





#29

Chloroform

Concen: 2.061 ppbv

RT: 5.288 min Scan# 81

Delta R.T. 0.004 min

Lab File: VL039628.D

Acq: 19 Sep 2022 9:44

Instrument :

MSVOA_L

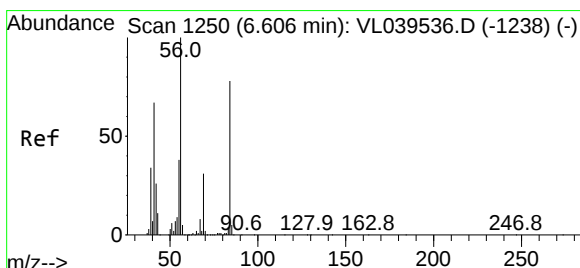
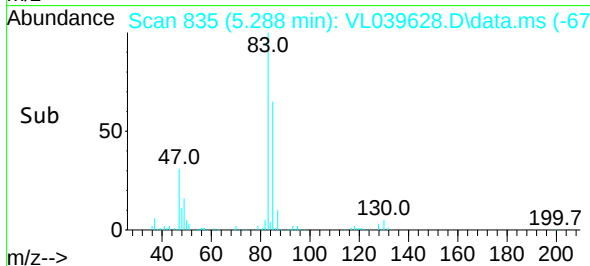
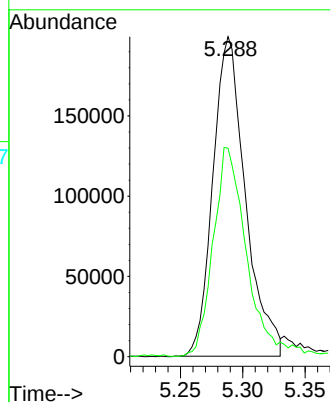
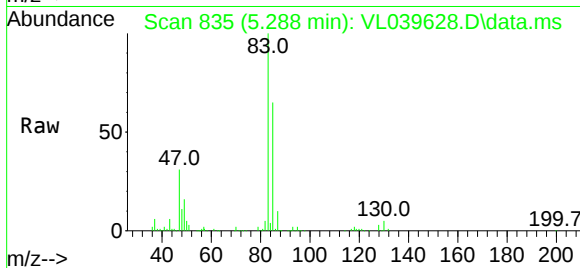
ClientSampleId :

Tgt Ion: 83 Resp: 361641

Ion Ratio Lower Upper

83 100

85 65.1 52.8 79.2



#30

Cyclohexane

Concen: 2.083 ppbv

RT: 6.616 min Scan# 1248

Delta R.T. 0.010 min

Lab File: VL039628.D

Acq: 19 Sep 2022 9:44

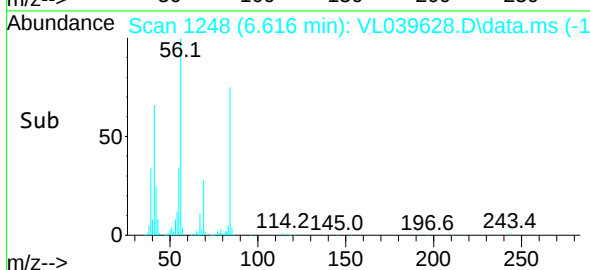
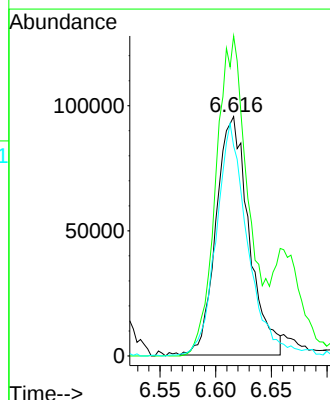
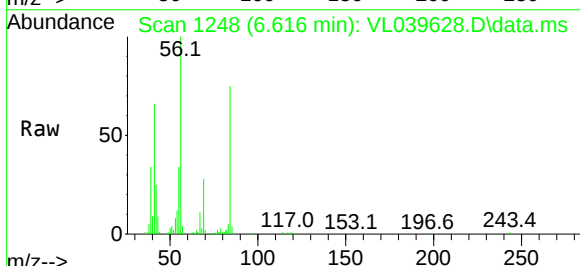
Tgt Ion: 84 Resp: 196026

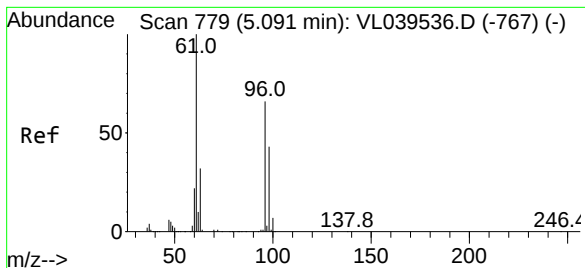
Ion Ratio Lower Upper

84 100

56 132.0 107.7 161.5

41 94.5 67.7 101.5

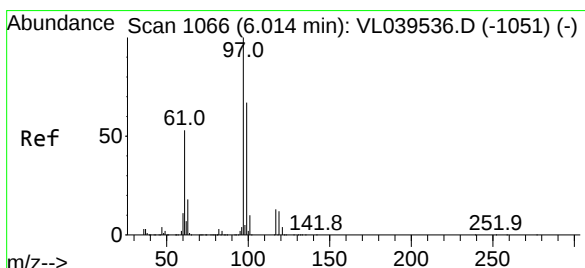
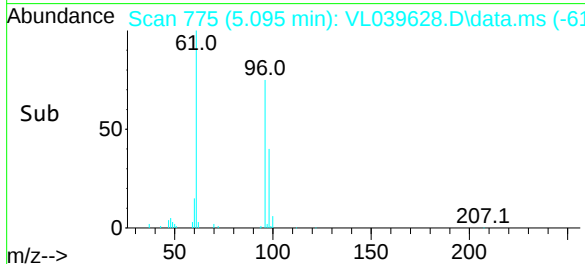
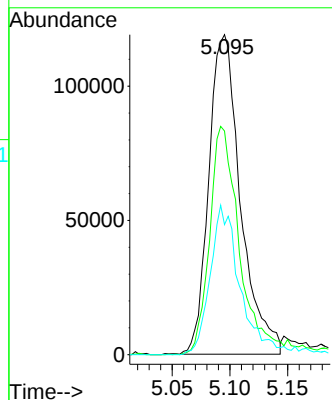
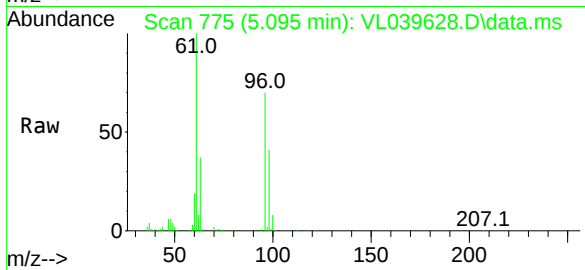




#31
 cis-1,2-Dichloroethene
 Concen: 2.072 ppbv
 RT: 5.095 min Scan# 71
 Delta R.T. 0.004 min
 Lab File: VL039628.D
 Acq: 19 Sep 2022 9:44

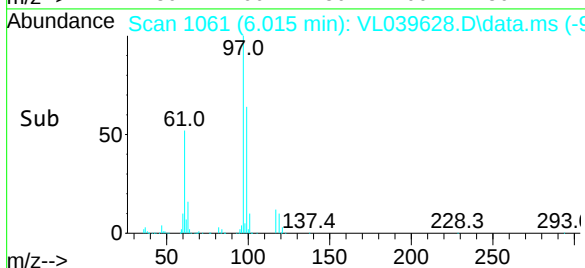
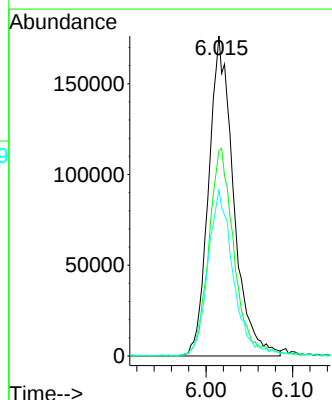
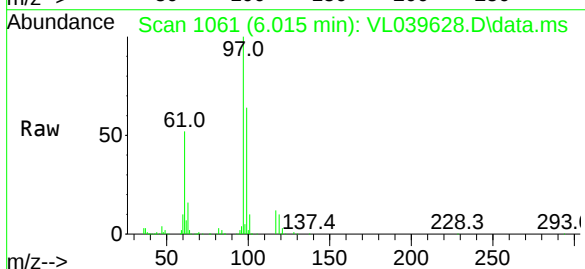
Instrument :
 MSVOA_L
 ClientSampleId :

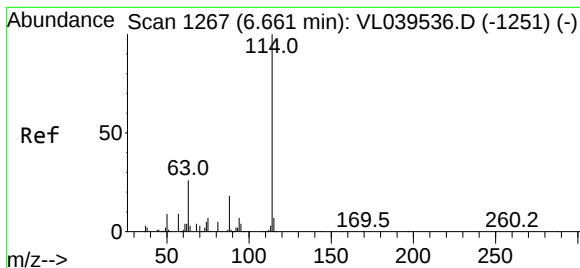
Tgt Ion: 61 Resp: 227699
 Ion Ratio Lower Upper
 61 100
 96 70.0 54.1 81.1
 98 40.7 34.6 52.0



#32
 1,1,1-Trichloroethane
 Concen: 2.219 ppbv
 RT: 6.015 min Scan# 1061
 Delta R.T. 0.001 min
 Lab File: VL039628.D
 Acq: 19 Sep 2022 9:44

Tgt Ion: 97 Resp: 352470
 Ion Ratio Lower Upper
 97 100
 99 66.2 52.3 78.5
 61 53.6 40.9 61.3





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.664 min Scan# 1

Delta R.T. 0.004 min

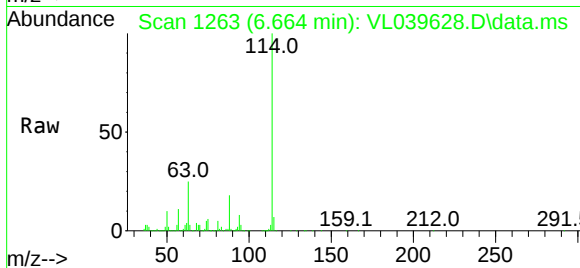
Lab File: VL039628.D

Acq: 19 Sep 2022 9:44

Instrument :

MSVOA_L

ClientSampleId :



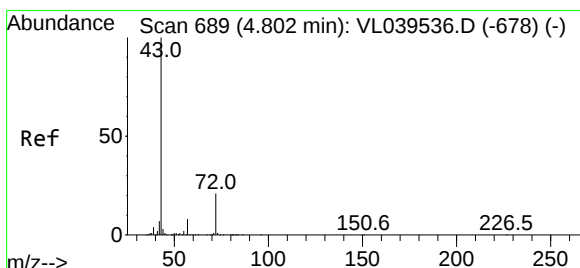
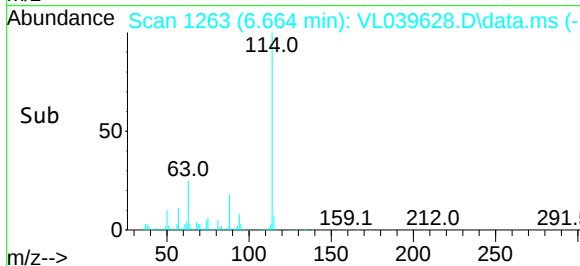
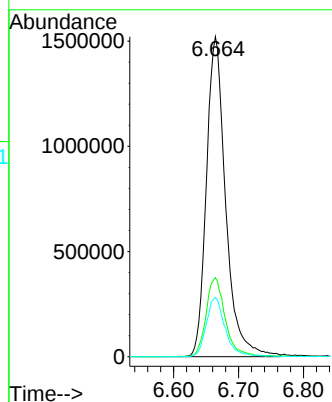
Tgt Ion:114 Resp: 3136453

Ion Ratio Lower Upper

114 100

63 25.0 20.2 30.4

88 18.3 14.5 21.7



#34

2-Butanone

Concen: 2.037 ppbv

RT: 4.806 min Scan# 685

Delta R.T. 0.004 min

Lab File: VL039628.D

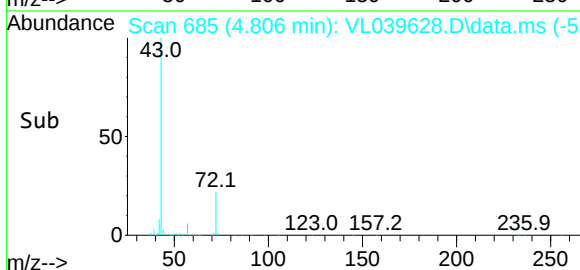
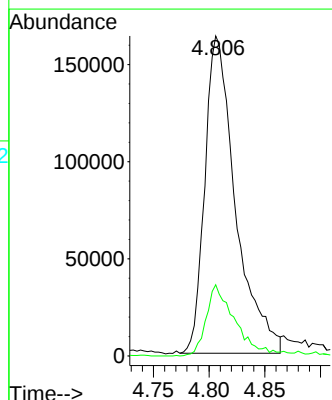
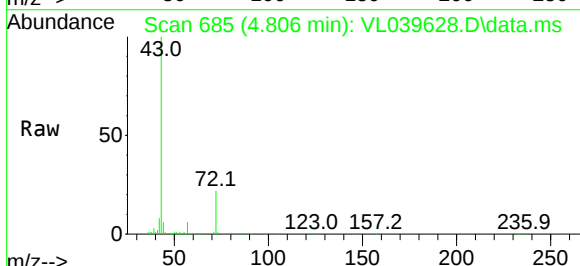
Acq: 19 Sep 2022 9:44

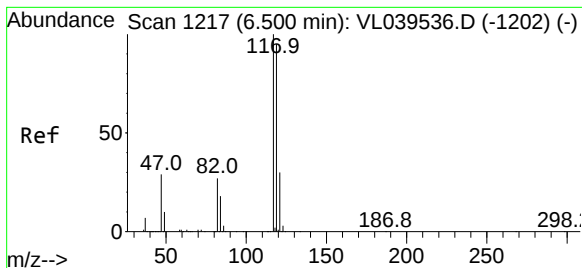
Tgt Ion: 43 Resp: 313824

Ion Ratio Lower Upper

43 100

72 22.3 17.9 26.9

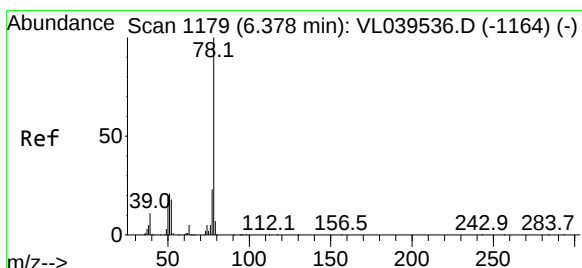
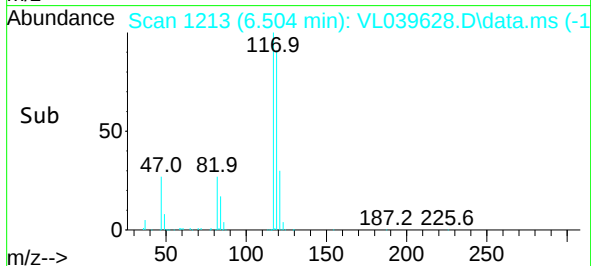
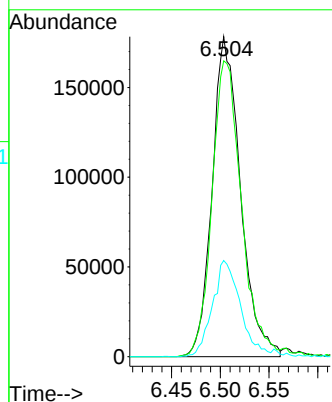
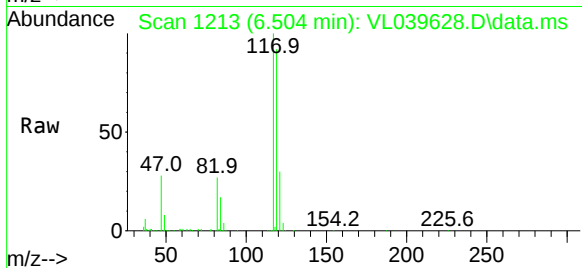




#35
Carbon Tetrachloride
Concen: 2.169 ppbv
RT: 6.504 min Scan# 1175
Delta R.T. 0.004 min
Lab File: VL039628.D
Acq: 19 Sep 2022 9:44

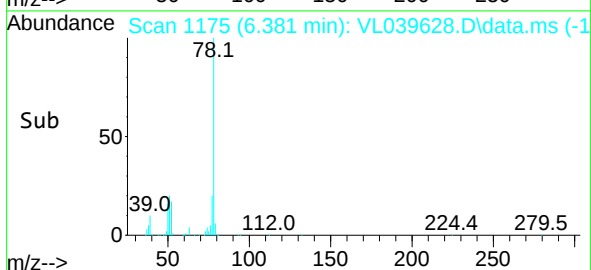
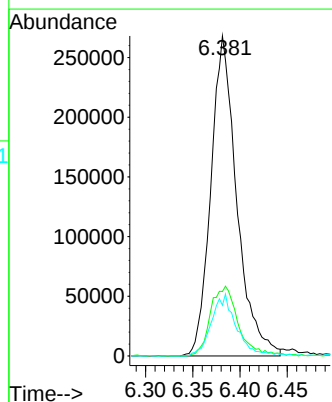
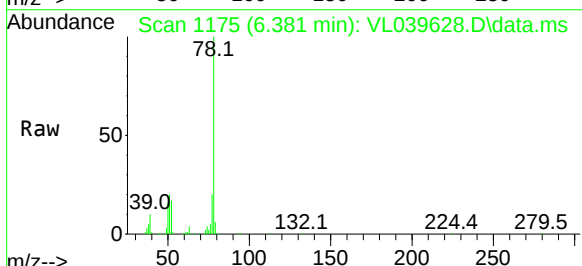
Instrument :
MSVOA_L
ClientSampleId :

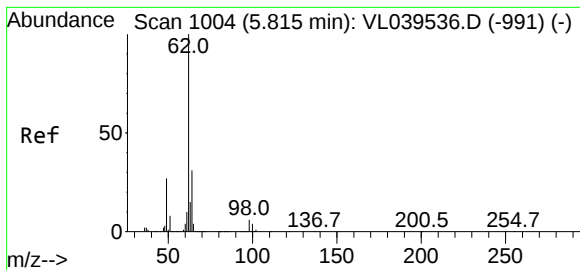
Tgt Ion:117 Resp: 361107
Ion Ratio Lower Upper
117 100
119 92.2 75.4 113.2
121 30.1 24.2 36.2



#36
Benzene
Concen: 2.134 ppbv
RT: 6.381 min Scan# 1175
Delta R.T. 0.004 min
Lab File: VL039628.D
Acq: 19 Sep 2022 9:44

Tgt Ion: 78 Resp: 511771
Ion Ratio Lower Upper
78 100
77 20.1 20.3 30.5#
50 15.8 15.5 23.3

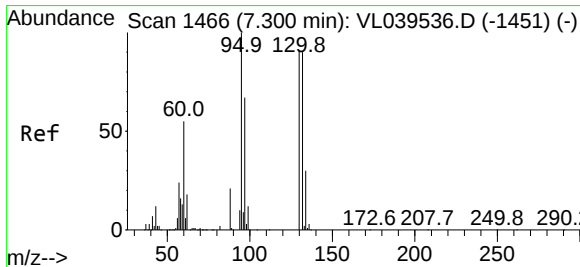
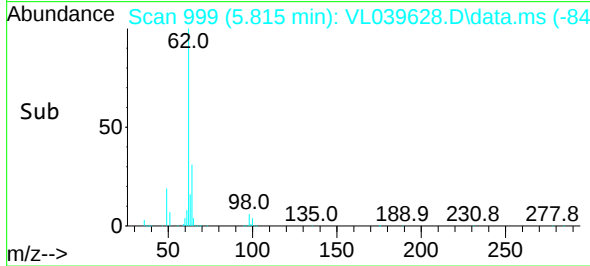
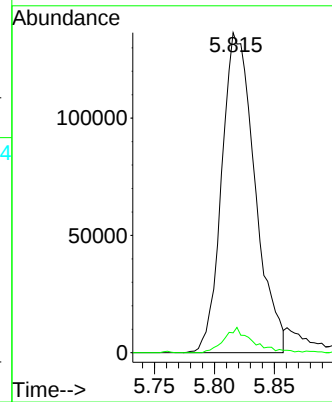
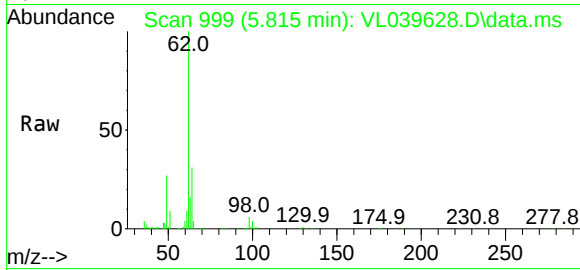




#37
1,2-Dichloroethane
Concen: 2.008 ppbv
RT: 5.815 min Scan# 91
Delta R.T. 0.001 min
Lab File: VL039628.D
Acq: 19 Sep 2022 9:44

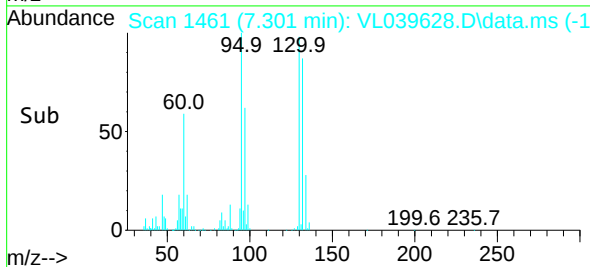
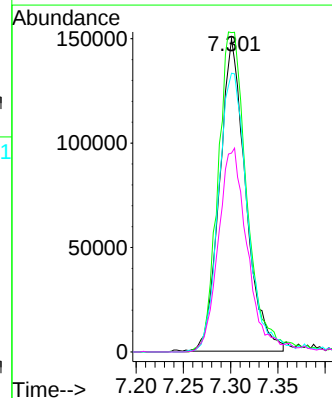
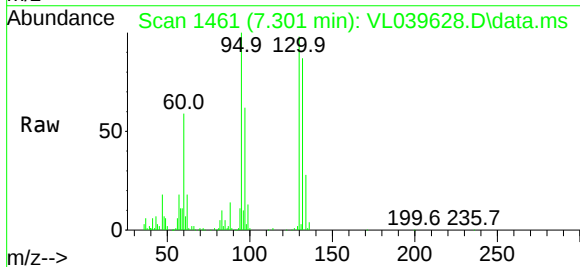
Instrument :
MSVOA_L
ClientSampleId :

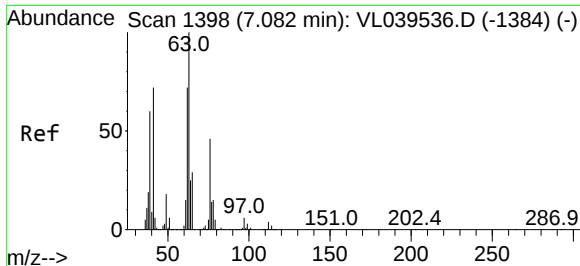
Tgt Ion: 62 Resp: 262039
Ion Ratio Lower Upper
62 100
98 7.0 5.1 7.7



#38
Trichloroethene
Concen: 2.214 ppbv
RT: 7.301 min Scan# 1461
Delta R.T. 0.001 min
Lab File: VL039628.D
Acq: 19 Sep 2022 9:44

Tgt Ion:130 Resp: 286901
Ion Ratio Lower Upper
130 100
95 102.2 87.3 130.9
132 89.2 76.7 115.1
97 63.7 56.5 84.7





#39

1,2-Dichloropropane

Concen: 2.095 ppbv

RT: 7.086 min Scan# 11

Delta R.T. 0.004 min

Lab File: VL039628.D

Acq: 19 Sep 2022 9:44

Instrument :

MSVOA_L

ClientSampleId :

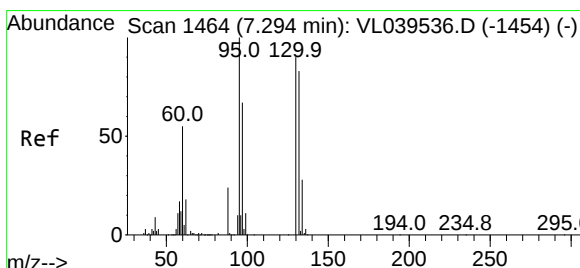
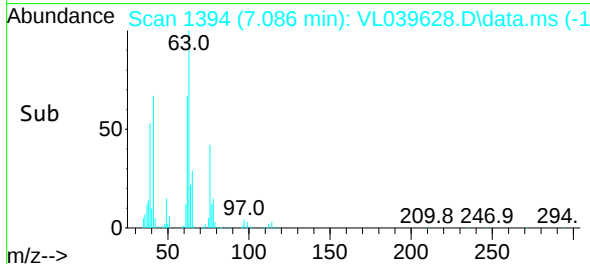
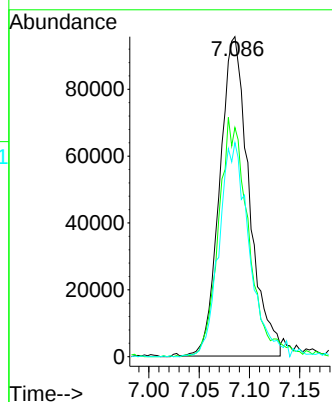
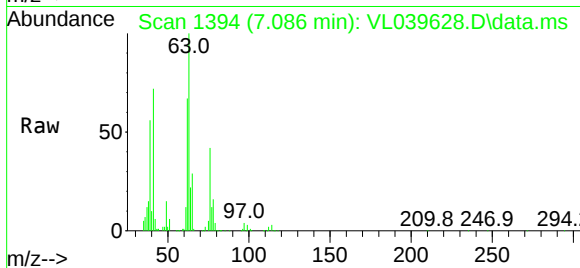
Tgt Ion: 63 Resp: 193996

Ion Ratio Lower Upper

63 100

41 71.9 59.6 89.4

62 67.2 51.4 77.0



#40

1,4-Dioxane

Concen: 1.719 ppbv

RT: 7.311 min Scan# 1464

Delta R.T. 0.017 min

Lab File: VL039628.D

Acq: 19 Sep 2022 9:44

Tgt Ion: 88 Resp: 64984

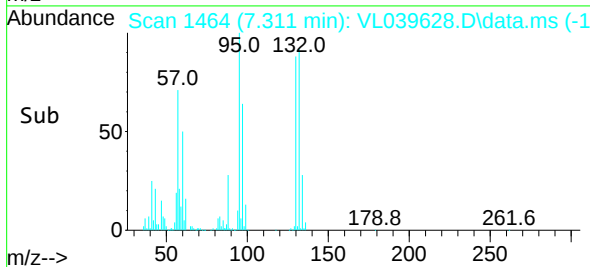
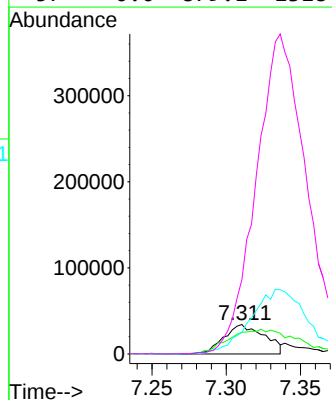
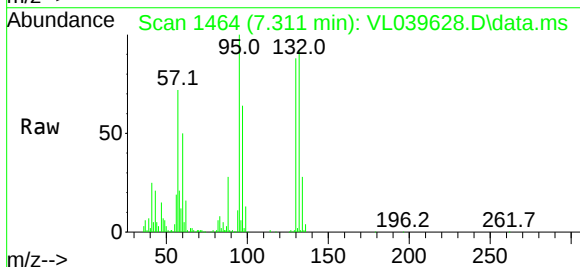
Ion Ratio Lower Upper

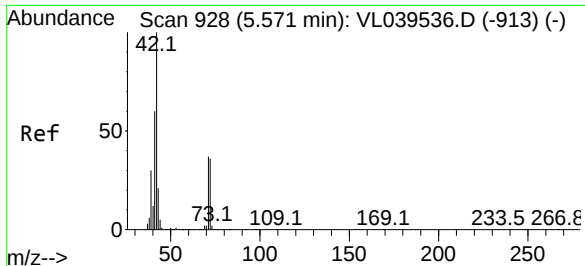
88 100

58 0.0 100.2 150.4#

43 0.0 205.8 308.6#

57 0.0 879.1 1318.7#

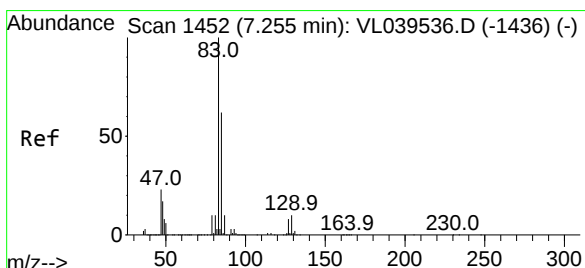
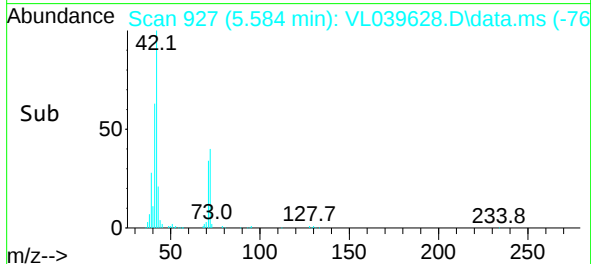
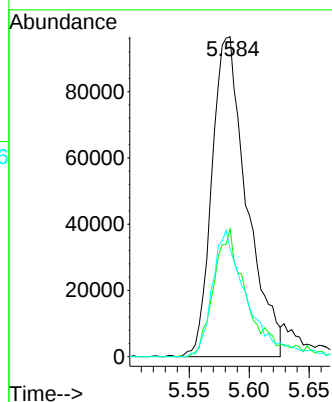
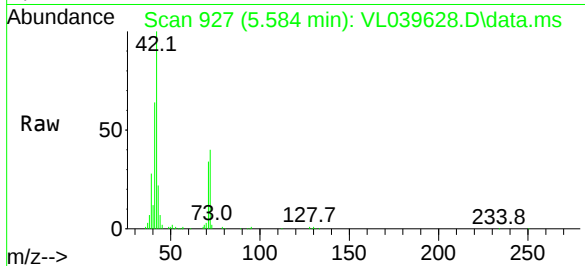




#41
Tetrahydrofuran
Concen: 2.063 ppbv
RT: 5.584 min Scan# 91
Delta R.T. 0.013 min
Lab File: VL039628.D
Acq: 19 Sep 2022 9:44

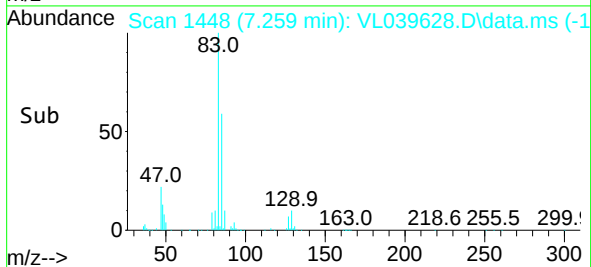
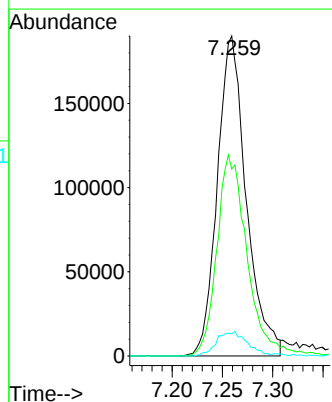
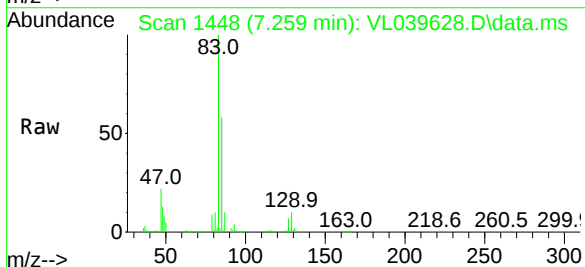
Instrument :
MSVOA_L
ClientSampleId :

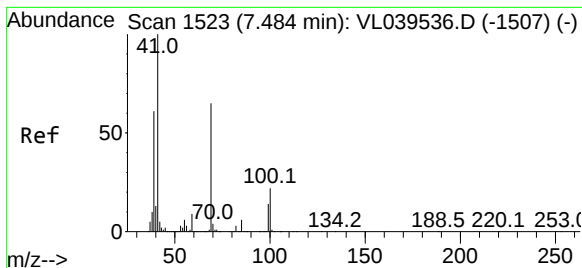
Tgt Ion: 42 Resp: 194988
Ion Ratio Lower Upper
42 100
72 40.3 31.8 47.8
71 39.9 31.8 47.8



#42
Bromodichloromethane
Concen: 2.093 ppbv
RT: 7.259 min Scan# 1448
Delta R.T. 0.004 min
Lab File: VL039628.D
Acq: 19 Sep 2022 9:44

Tgt Ion: 83 Resp: 379980
Ion Ratio Lower Upper
83 100
85 58.5 50.7 76.1
127 6.9 6.6 9.8





#43

Methyl Methacrylate

Concen: 2.152 ppbv

RT: 7.491 min Scan# 1

Delta R.T. 0.007 min

Lab File: VL039628.D

Acq: 19 Sep 2022 9:44

Instrument :

MSVOA_L

ClientSampleId :

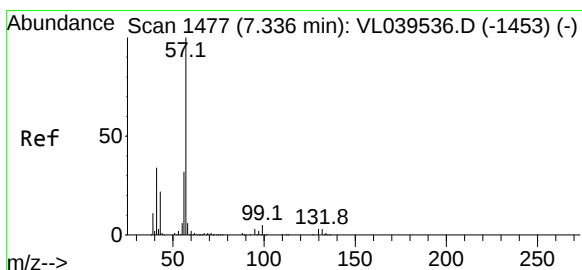
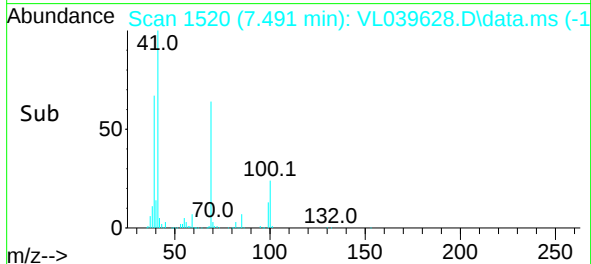
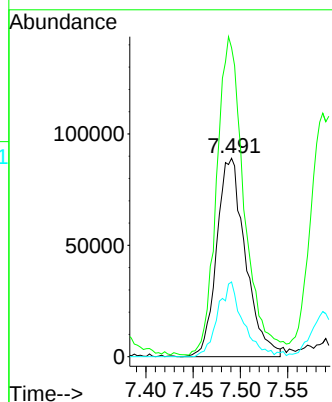
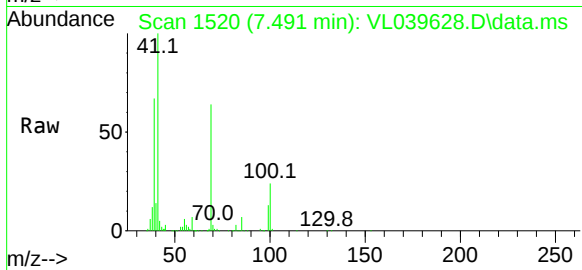
Tgt Ion: 69 Resp: 188094

Ion Ratio Lower Upper

69 100

41 153.3 120.8 181.2

100 33.8 27.8 41.6



#44

2,2,4-Trimethylpentane

Concen: 2.147 ppbv

RT: 7.336 min Scan# 1472

Delta R.T. 0.001 min

Lab File: VL039628.D

Acq: 19 Sep 2022 9:44

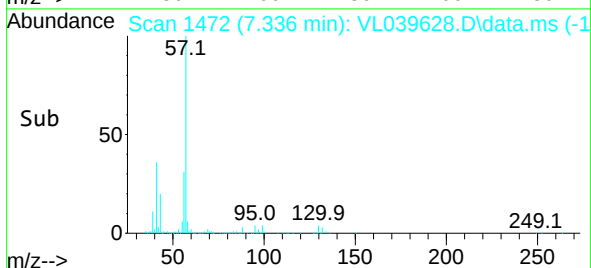
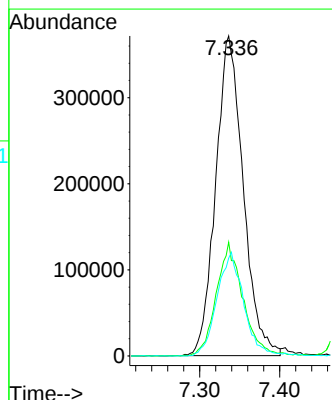
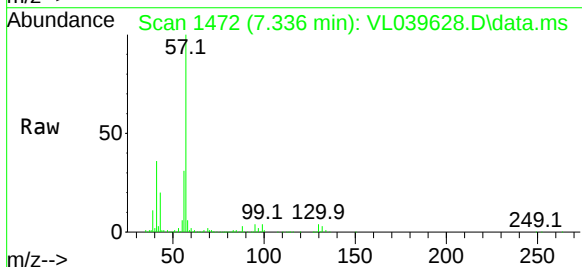
Tgt Ion: 57 Resp: 887328

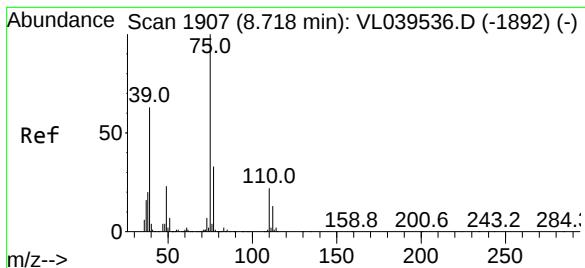
Ion Ratio Lower Upper

57 100

41 34.5 27.4 41.2

56 31.7 24.5 36.7

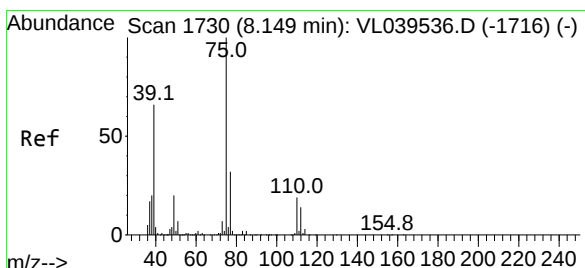
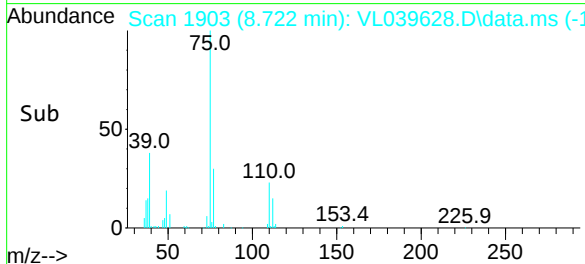
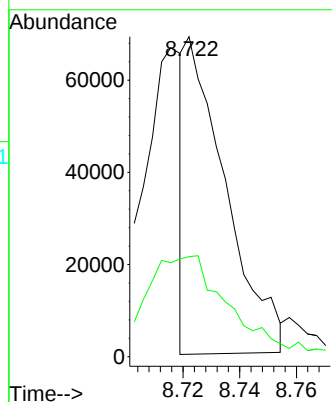
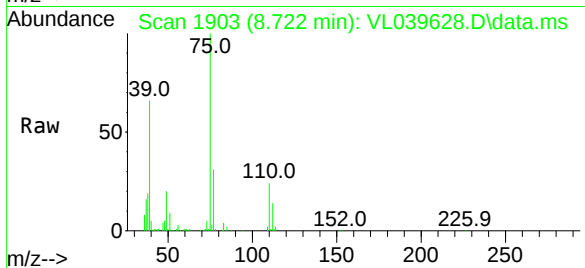




#45
 t-1,3-Dichloropropene
 Concen: 0.922 ppbv
 RT: 8.722 min Scan# 1907
 Delta R.T. 0.004 min
 Lab File: VL039628.D
 Acq: 19 Sep 2022 9:44

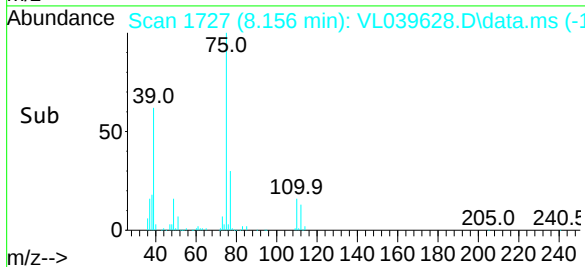
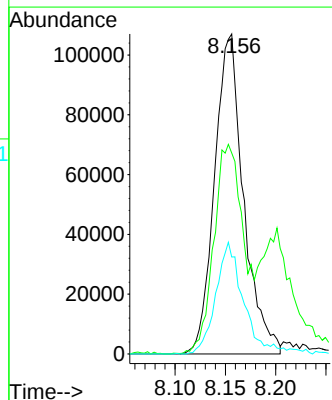
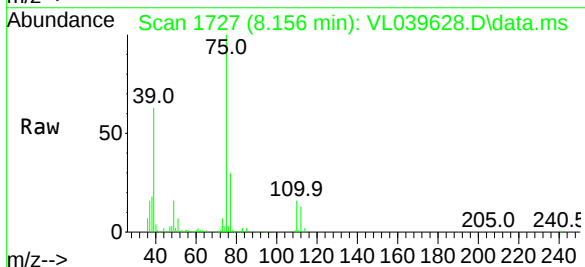
Instrument :
 MSVOA_L
 ClientSampleId :

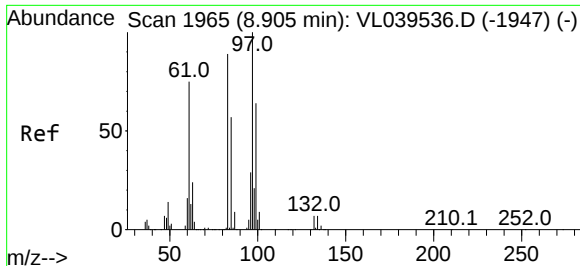
Tgt Ion: 75 Resp: 68098
 Ion Ratio Lower Upper
 75 100
 77 31.2 24.6 36.8



#46
 cis-1,3-Dichloropropene
 Concen: 2.040 ppbv
 RT: 8.156 min Scan# 1727
 Delta R.T. 0.007 min
 Lab File: VL039628.D
 Acq: 19 Sep 2022 9:44

Tgt Ion: 75 Resp: 214541
 Ion Ratio Lower Upper
 75 100
 39 62.6 55.0 82.4
 77 30.3 25.7 38.5

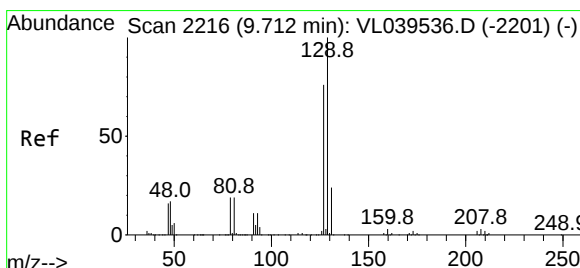
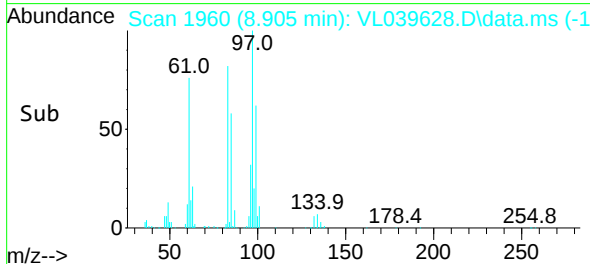
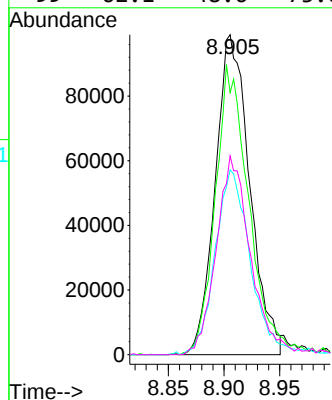
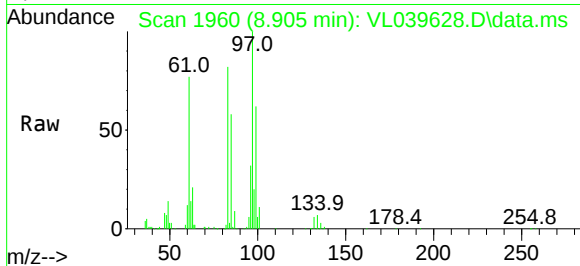




#47
1,1,2-Trichloroethane
Concen: 2.100 ppbv
RT: 8.905 min Scan# 1965
Delta R.T. 0.001 min
Lab File: VL039628.D
Acq: 19 Sep 2022 9:44

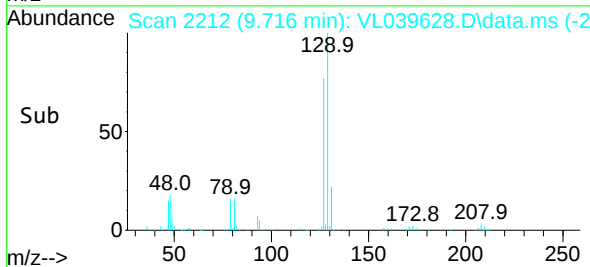
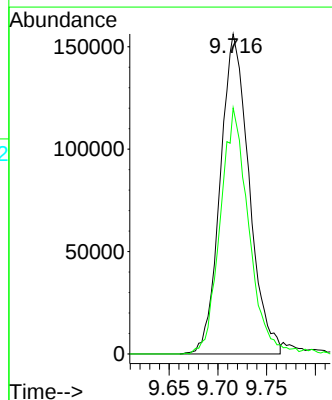
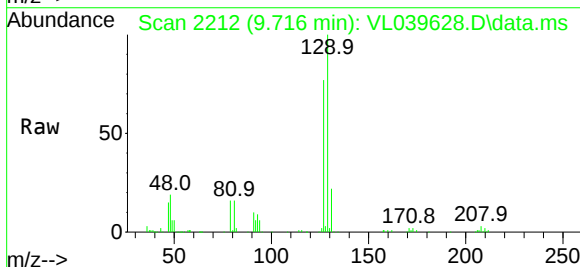
Instrument :
MSVOA_L
ClientSampleId :

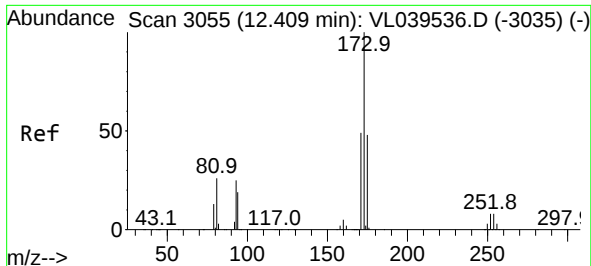
Tgt Ion: 97 Resp: 212533
Ion Ratio Lower Upper
97 100
83 81.9 67.4 101.0
85 57.8 45.1 67.7
99 62.1 48.6 73.0



#48
Dibromochloromethane
Concen: 2.110 ppbv
RT: 9.716 min Scan# 2212
Delta R.T. 0.004 min
Lab File: VL039628.D
Acq: 19 Sep 2022 9:44

Tgt Ion: 129 Resp: 321508
Ion Ratio Lower Upper
129 100
127 76.6 39.3 117.9





#49

Bromoform

Concen: 1.992 ppbv

RT: 12.410 min Scan# 3055

Delta R.T. 0.001 min

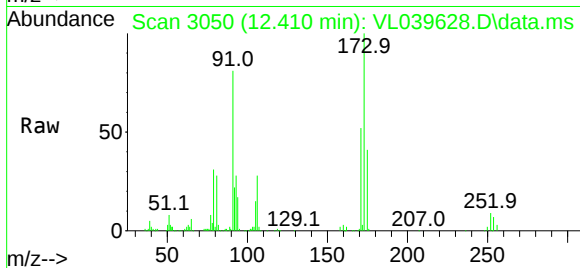
Lab File: VL039628.D

Acq: 19 Sep 2022 9:44

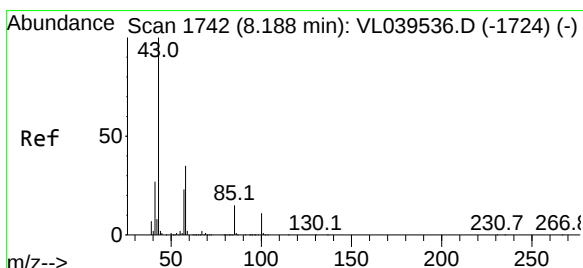
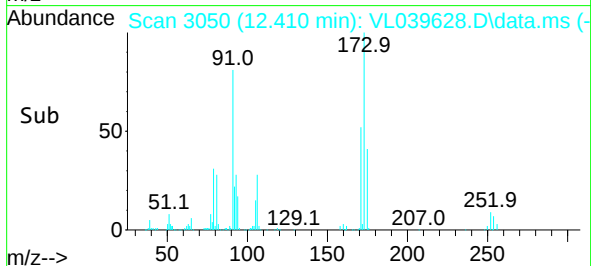
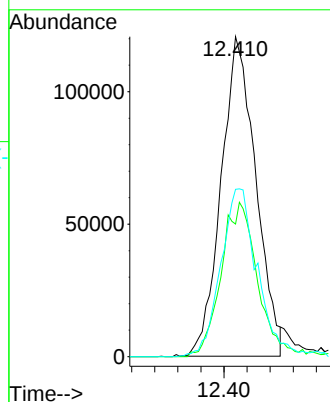
Instrument :

MSVOA_L

ClientSampleId :



Tgt Ion:	173	Resp:	251156
Ion	Ratio	Lower	Upper
173	100		
175	51.5	40.3	60.5
171	56.0	42.9	64.3



#50

4-Methyl-2-Pentanone

Concen: 2.114 ppbv

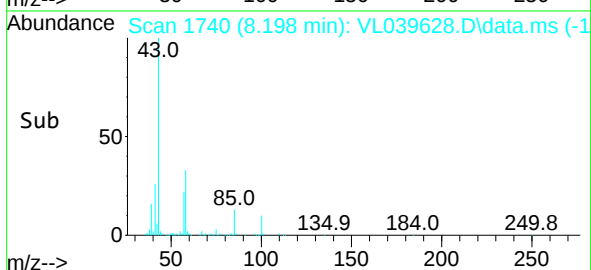
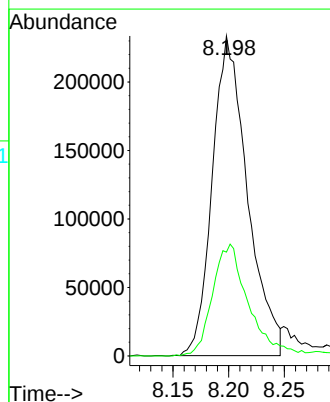
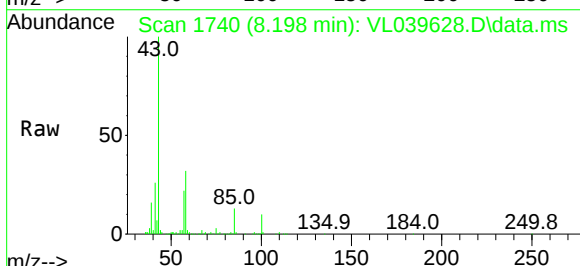
RT: 8.198 min Scan# 1740

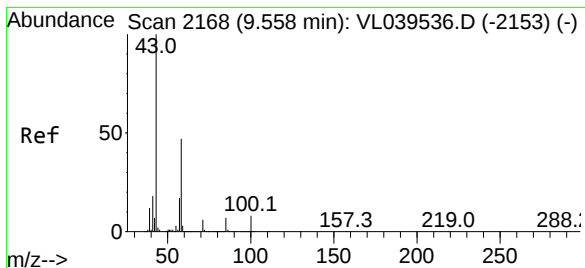
Delta R.T. 0.010 min

Lab File: VL039628.D

Acq: 19 Sep 2022 9:44

Tgt Ion:	43	Resp:	511676
Ion	Ratio	Lower	Upper
43	100		
58	35.9	28.8	43.2

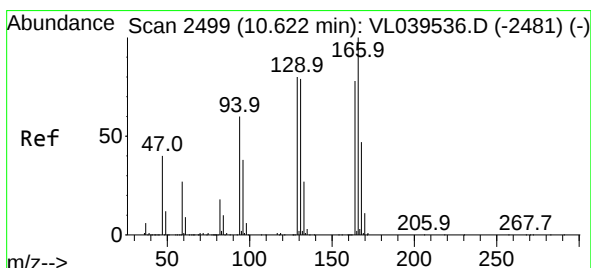
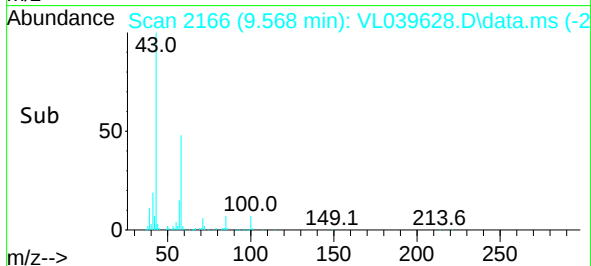
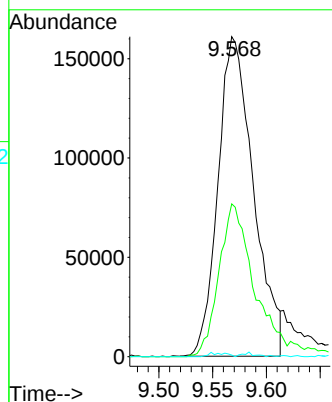
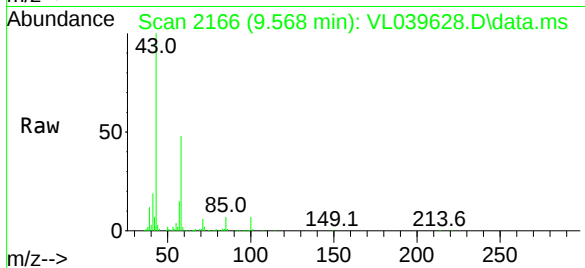




#51
2-Hexanone
Concen: 2.060 ppbv
RT: 9.568 min Scan# 2168
Delta R.T. 0.010 min
Lab File: VL039628.D
Acq: 19 Sep 2022 9:44

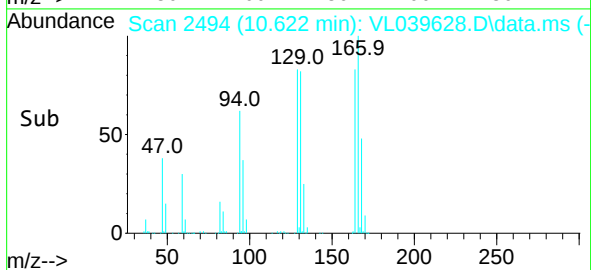
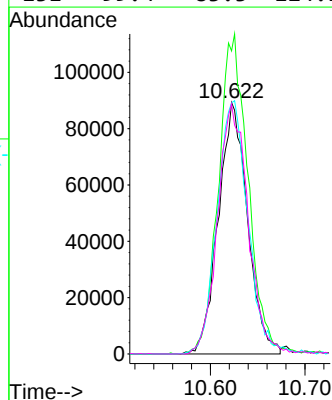
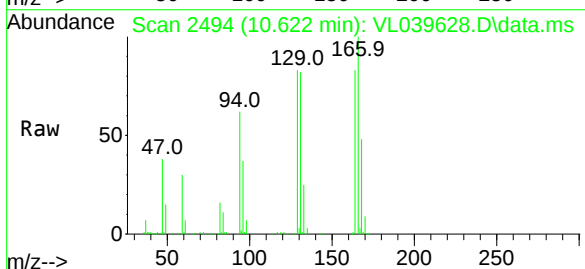
Instrument :
MSVOA_L
ClientSampleId :

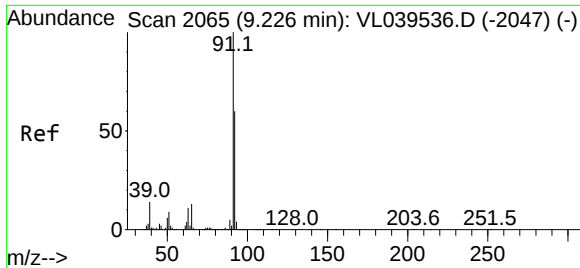
Tgt Ion: 43 Resp: 369085
Ion Ratio Lower Upper
43 100
58 50.9 38.4 57.6
98 0.5 0.3 0.5#



#52
Tetrachloroethene
Concen: 2.094 ppbv
RT: 10.622 min Scan# 2494
Delta R.T. 0.001 min
Lab File: VL039628.D
Acq: 19 Sep 2022 9:44

Tgt Ion:164 Resp: 191599
Ion Ratio Lower Upper
164 100
166 120.5 102.2 153.2
129 99.7 85.8 128.8
131 99.4 83.3 124.9

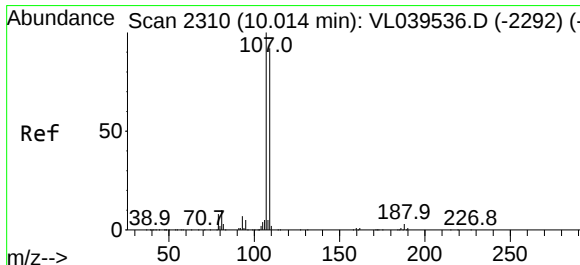
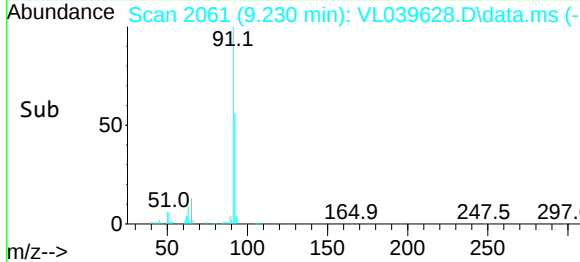
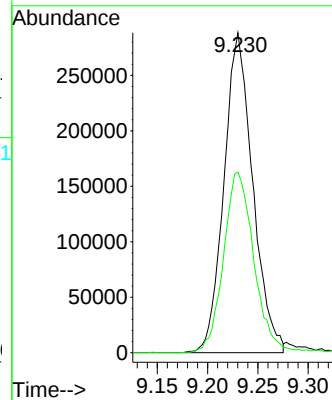
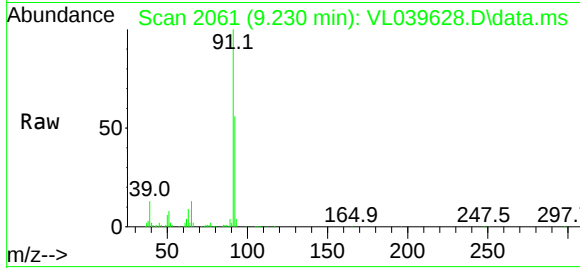




#53
Toluene
Concen: 2.153 ppbv
RT: 9.230 min Scan# 2065
Delta R.T. 0.004 min
Lab File: VL039628.D
Acq: 19 Sep 2022 9:44

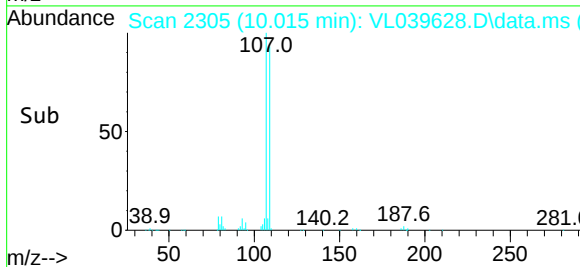
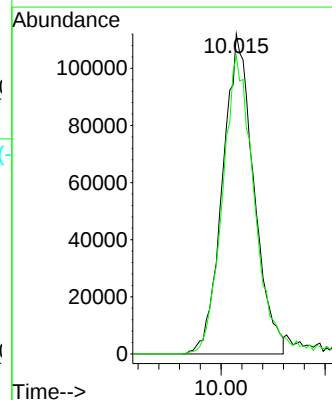
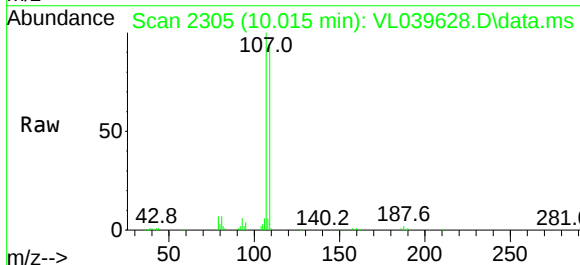
Instrument :
MSVOA_L
ClientSampleId :

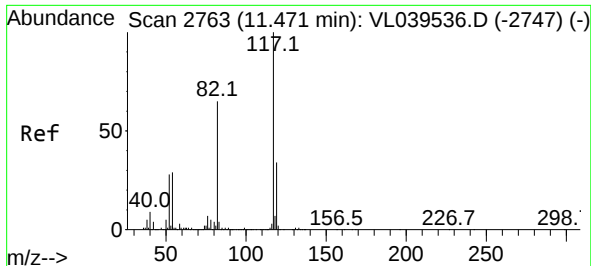
Tgt Ion: 91 Resp: 574084
Ion Ratio Lower Upper
91 100
92 60.1 48.2 72.2



#54
1,2-Dibromoethane
Concen: 2.154 ppbv
RT: 10.015 min Scan# 2305
Delta R.T. 0.001 min
Lab File: VL039628.D
Acq: 19 Sep 2022 9:44

Tgt Ion: 107 Resp: 233208
Ion Ratio Lower Upper
107 100
109 93.1 74.8 112.2





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.474 min Scan# 2763

Delta R.T. 0.004 min

Lab File: VL039628.D

Acq: 19 Sep 2022 9:44

Instrument :

MSVOA_L

ClientSampleId :

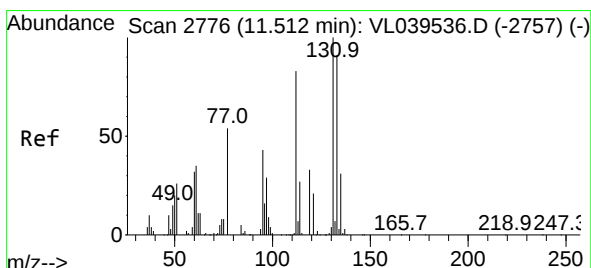
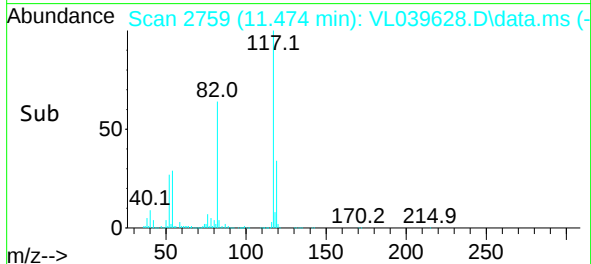
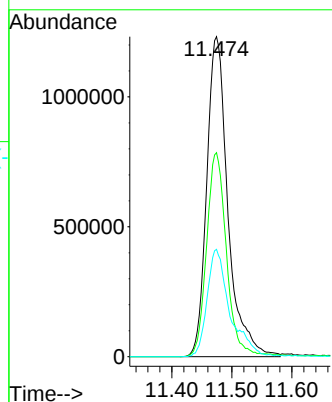
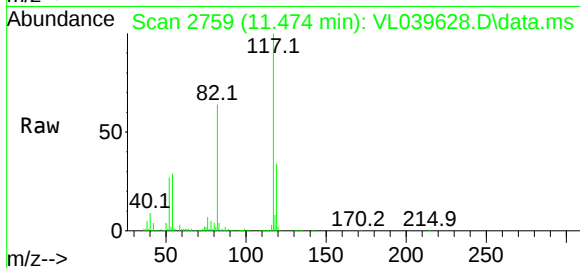
Tgt Ion:117 Resp: 3024953

Ion Ratio Lower Upper

117 100

82 60.7 50.8 76.2

119 36.8 24.1 36.1#



#56

1,1,1,2-Tetrachloroethane

Concen: 2.094 ppbv

RT: 11.519 min Scan# 2773

Delta R.T. 0.007 min

Lab File: VL039628.D

Acq: 19 Sep 2022 9:44

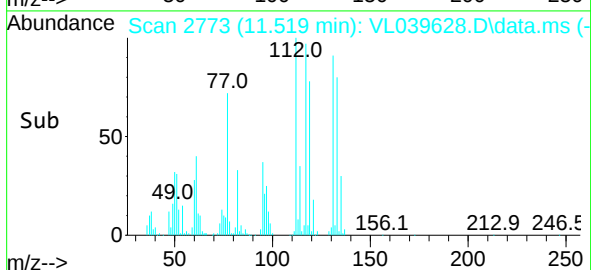
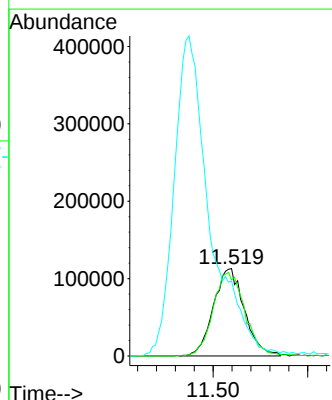
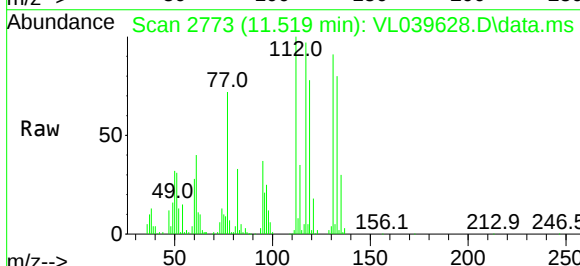
Tgt Ion:131 Resp: 256007

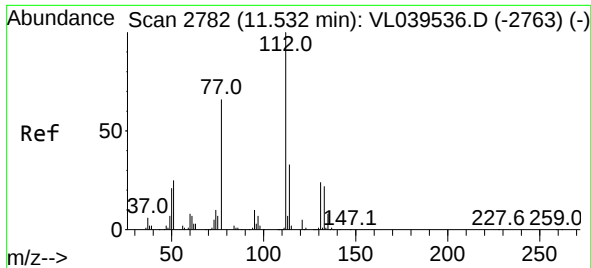
Ion Ratio Lower Upper

131 100

133 98.7 76.8 115.2

119 433.3 46.2 69.4#

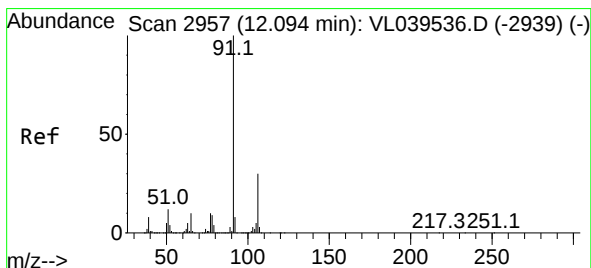
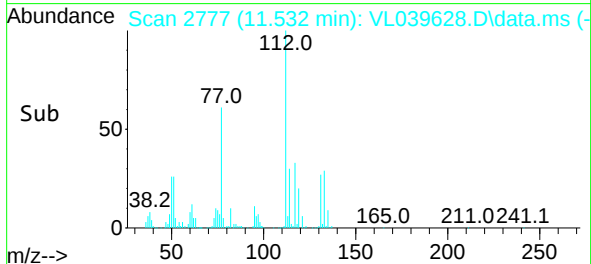
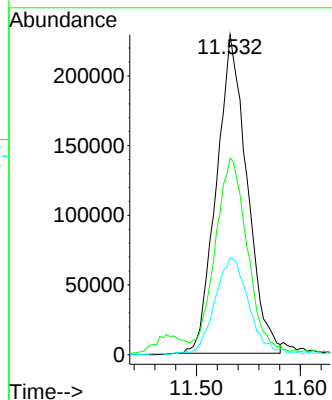
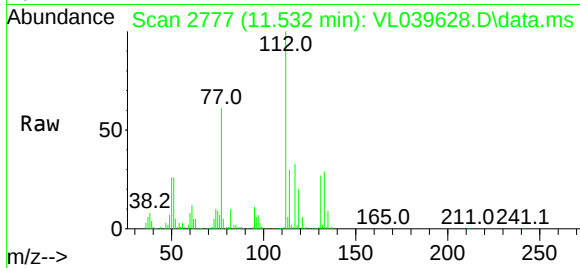




#57
Chlorobenzene
Concen: 2.101 ppbv
RT: 11.532 min Scan# 21
Delta R.T. 0.001 min
Lab File: VL039628.D
Acq: 19 Sep 2022 9:44

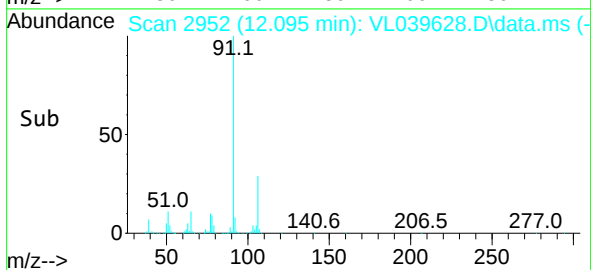
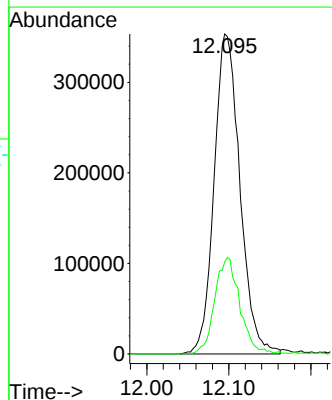
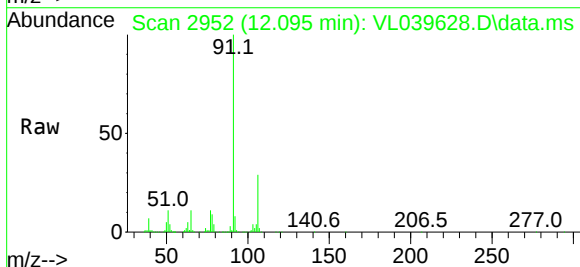
Instrument :
MSVOA_L
ClientSampleId :

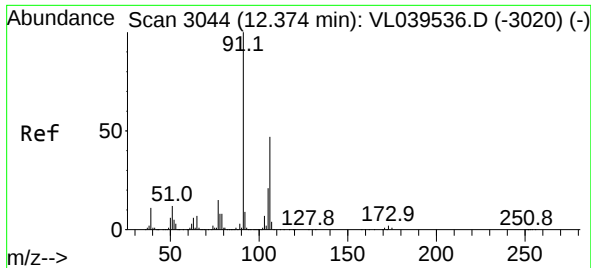
Tgt Ion: 112 Resp: 467280
Ion Ratio Lower Upper
112 100
77 58.9 51.0 76.4
114 29.8 27.5 33.6



#58
Ethyl Benzene
Concen: 2.217 ppbv
RT: 12.095 min Scan# 2952
Delta R.T. 0.001 min
Lab File: VL039628.D
Acq: 19 Sep 2022 9:44

Tgt Ion: 91 Resp: 773280
Ion Ratio Lower Upper
91 100
106 28.7 25.4 38.0

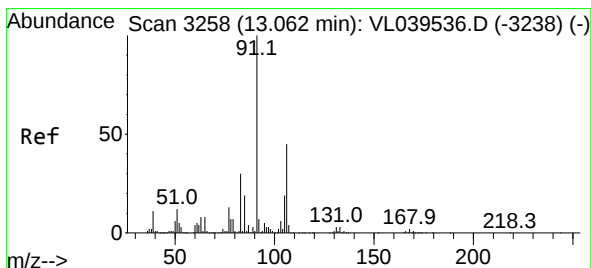
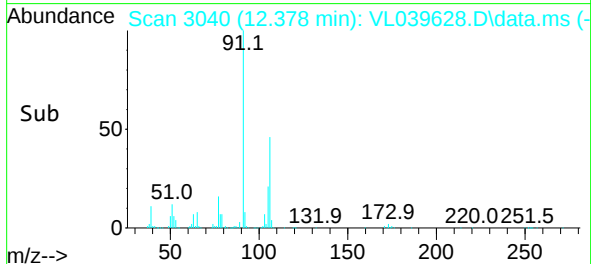
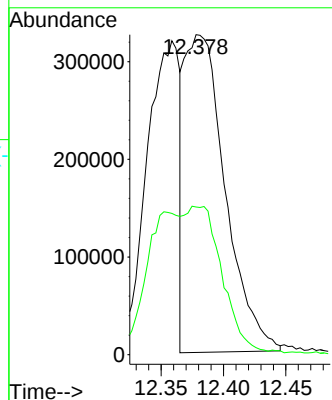
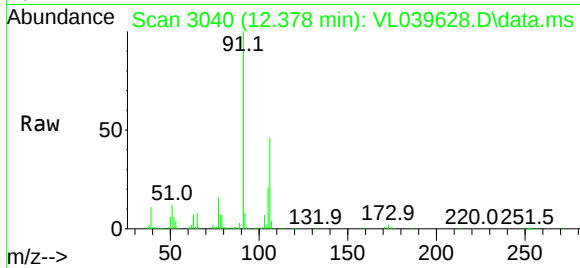




#59
m/p-Xylene
Concen: 2.378 ppbv
RT: 12.378 min Scan# 3040
Delta R.T. 0.004 min
Lab File: VL039628.D
Acq: 19 Sep 2022 9:44

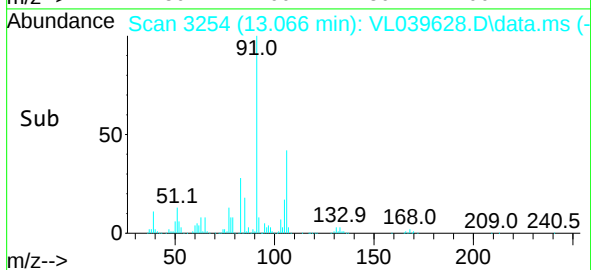
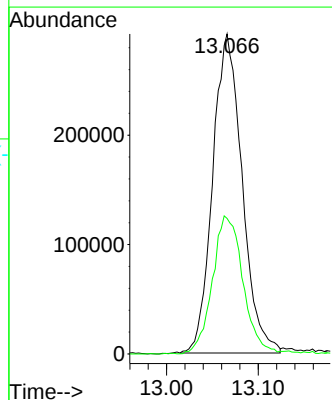
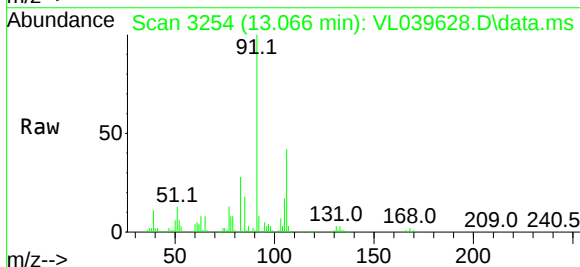
Instrument :
MSVOA_L
ClientSampleId :

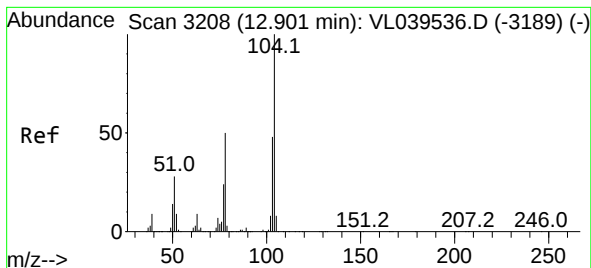
Tgt Ion: 91 Resp: 738049
Ion Ratio Lower Upper
91 100
106 82.2 35.4 53.2#



#60
o-Xylene
Concen: 2.194 ppbv
RT: 13.066 min Scan# 3254
Delta R.T. 0.004 min
Lab File: VL039628.D
Acq: 19 Sep 2022 9:44

Tgt Ion: 91 Resp: 650279
Ion Ratio Lower Upper
91 100
106 45.5 22.4 67.3





#61

Styrene

Concen: 2.187 ppbv

RT: 12.905 min Scan# 31

Delta R.T. 0.004 min

Lab File: VL039628.D

Acq: 19 Sep 2022 9:44

Instrument :

MSVOA_L

ClientSampleId :

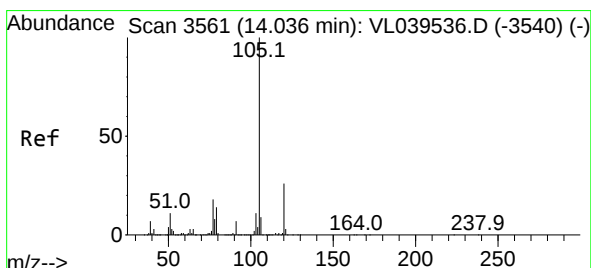
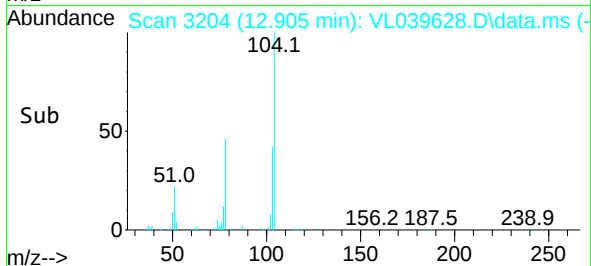
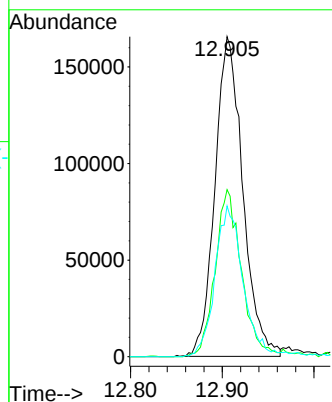
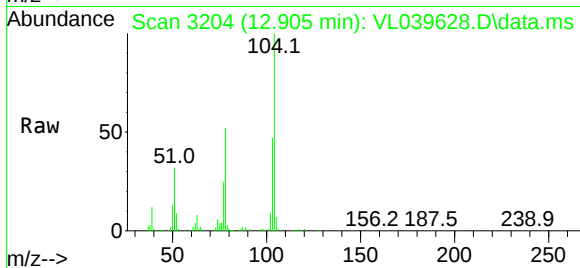
Tgt Ion:104 Resp: 349189

Ion Ratio Lower Upper

104 100

78 50.5 41.2 61.8

103 48.3 38.7 58.1



#62

Isopropylbenzene

Concen: 2.184 ppbv

RT: 14.037 min Scan# 3556

Delta R.T. 0.001 min

Lab File: VL039628.D

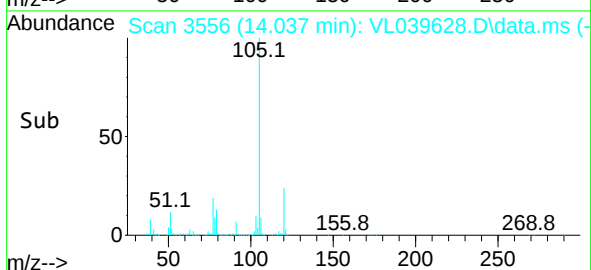
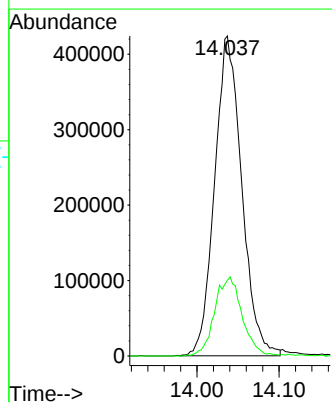
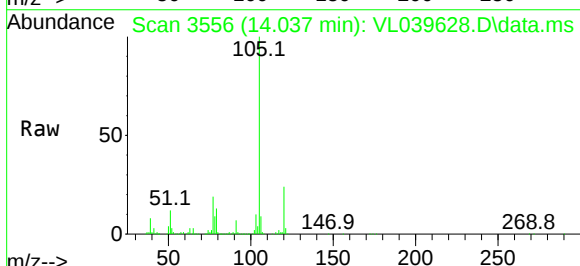
Acq: 19 Sep 2022 9:44

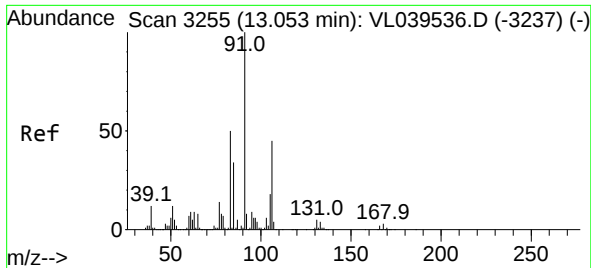
Tgt Ion:105 Resp: 973909

Ion Ratio Lower Upper

105 100

120 25.4 20.7 31.1

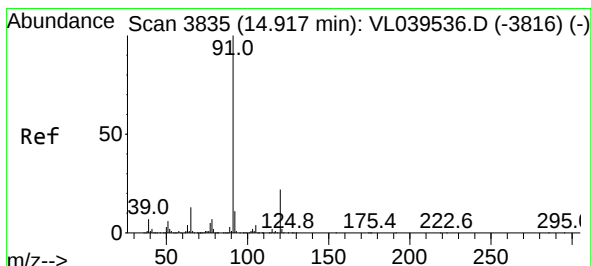
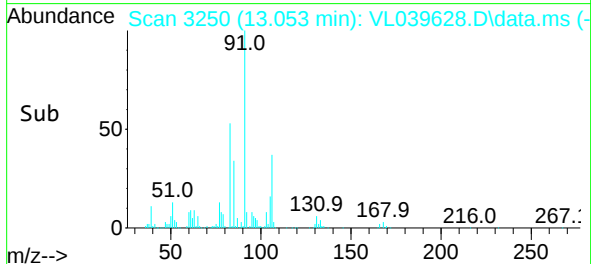
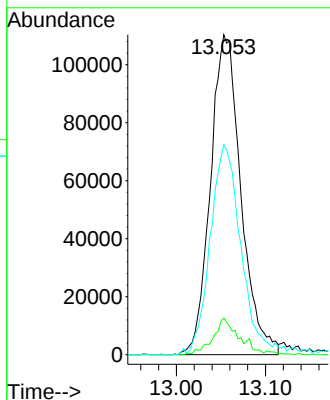
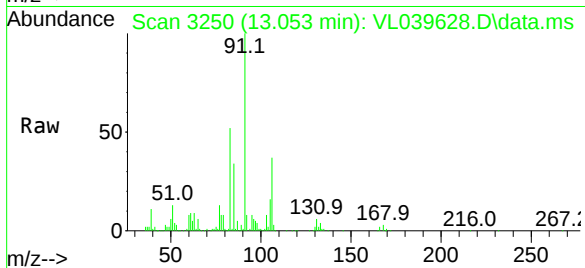




#63
1,1,2,2-Tetrachloroethane
Concen: 2.217 ppbv
RT: 13.053 min Scan# 31
Delta R.T. 0.001 min
Lab File: VL039628.D
Acq: 19 Sep 2022 9:44

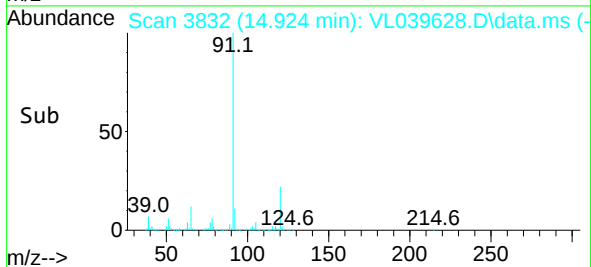
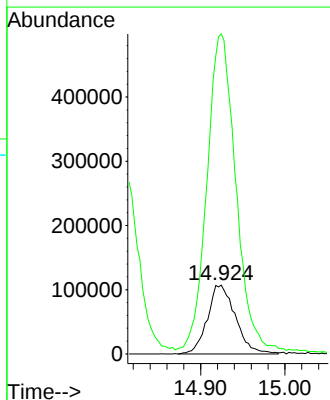
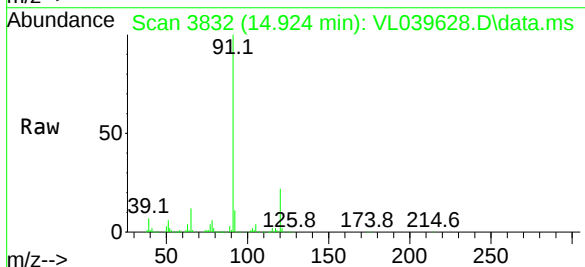
Instrument :
MSVOA_L
ClientSampleId :

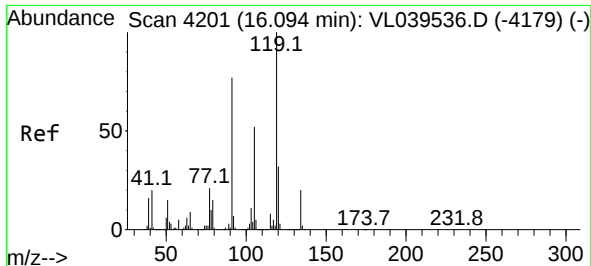
Tgt Ion: 83 Resp: 262164
Ion Ratio Lower Upper
83 100
131 10.1 5.3 15.8
85 67.8 33.1 99.5



#64
n-propylbenzene
Concen: 2.168 ppbv
RT: 14.924 min Scan# 3832
Delta R.T. 0.007 min
Lab File: VL039628.D
Acq: 19 Sep 2022 9:44

Tgt Ion: 120 Resp: 247646
Ion Ratio Lower Upper
120 100
91 484.3 367.2 550.8

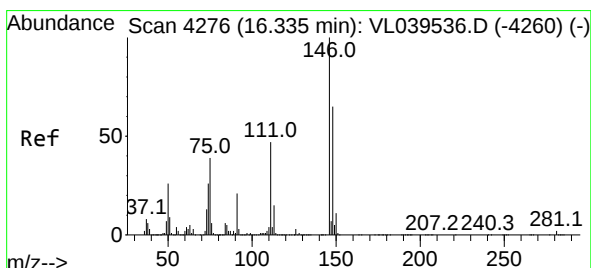
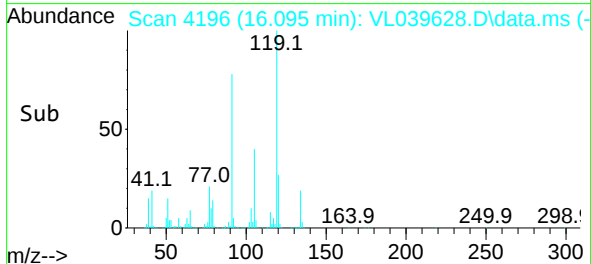
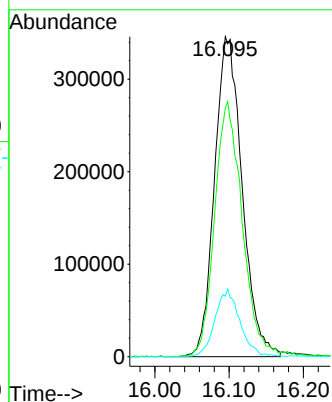
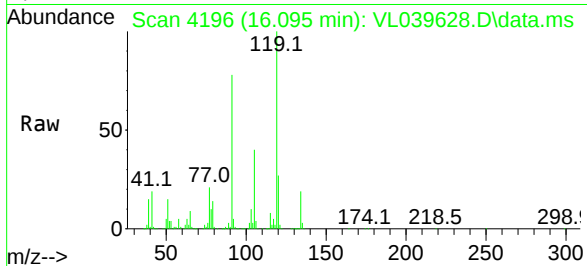




#65
 tert-Butylbenzene
 Concen: 2.272 ppbv
 RT: 16.095 min Scan# 41
 Delta R.T. 0.001 min
 Lab File: VL039628.D
 Acq: 19 Sep 2022 9:44

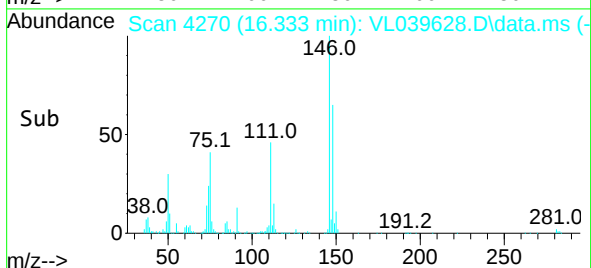
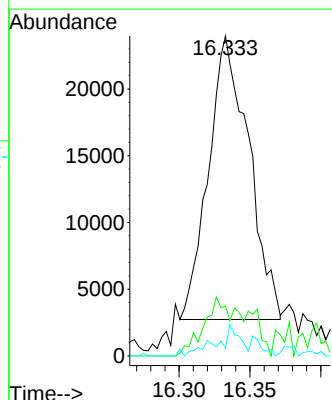
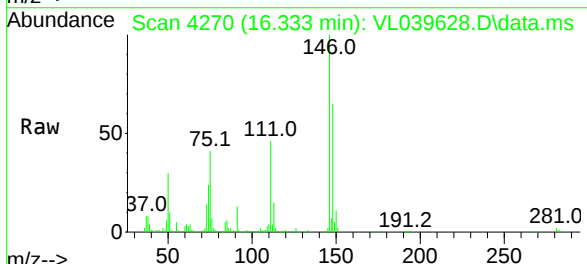
Instrument :
 MSVOA_L
 ClientSampleId :

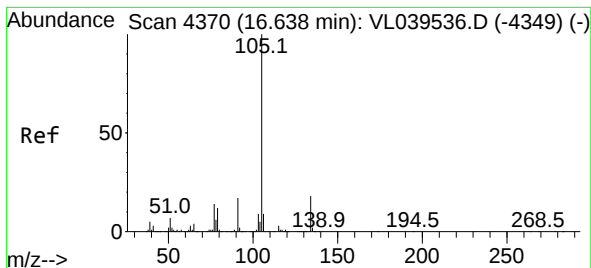
Tgt Ion:119 Resp: 895168
 Ion Ratio Lower Upper
 119 100
 91 80.4 63.4 95.2
 134 19.1 15.9 23.9



#66
 Benzyl Chloride
 Concen: 1.338 ppbv
 RT: 16.333 min Scan# 4270
 Delta R.T. -0.003 min
 Lab File: VL039628.D
 Acq: 19 Sep 2022 9:44

Tgt Ion: 91 Resp: 41988
 Ion Ratio Lower Upper
 91 100
 126 27.3 13.1 19.7#
 128 8.2 4.4 6.6#





#67

sec-Butylbenzene

Concen: 2.249 ppbv

RT: 16.641 min Scan# 41

Delta R.T. 0.004 min

Lab File: VL039628.D

Acq: 19 Sep 2022 9:44

Instrument :

MSVOA_L

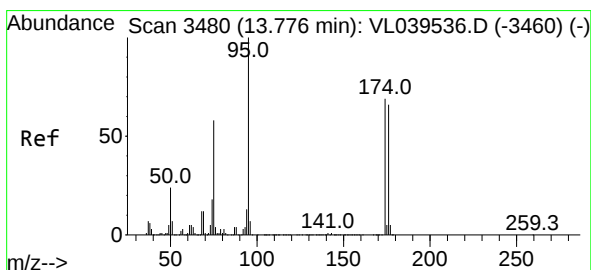
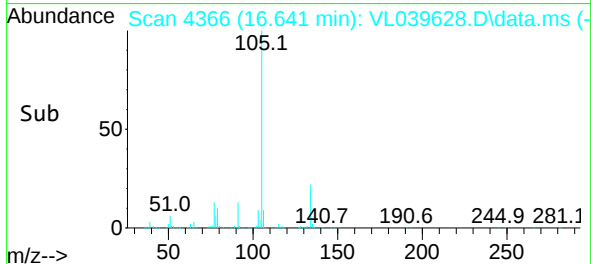
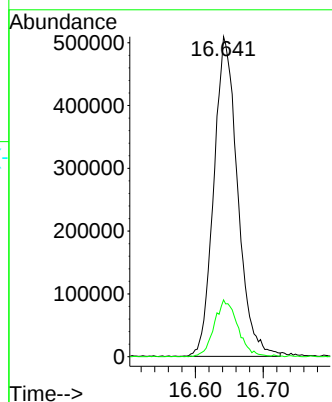
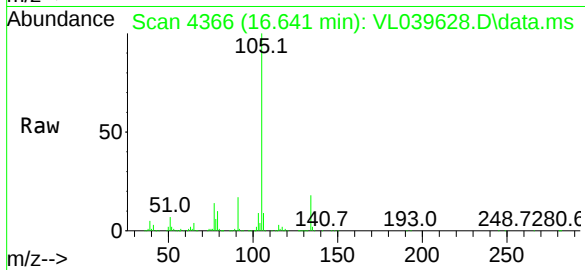
ClientSampleId :

Tgt Ion:105 Resp: 1243291

Ion Ratio Lower Upper

105 100

134 17.6 14.8 22.2



#68

1-Bromo-4-Fluorobenzene

Concen: 9.890 ppbv

RT: 13.783 min Scan# 3477

Delta R.T. 0.007 min

Lab File: VL039628.D

Acq: 19 Sep 2022 9:44

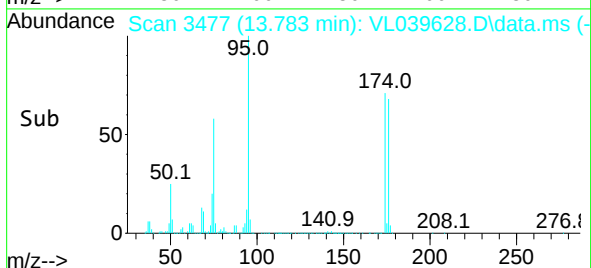
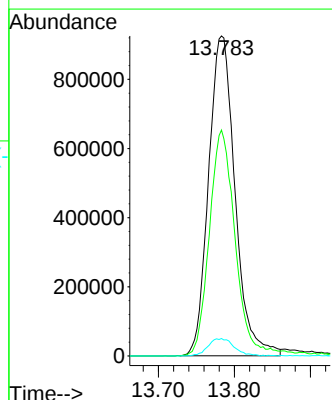
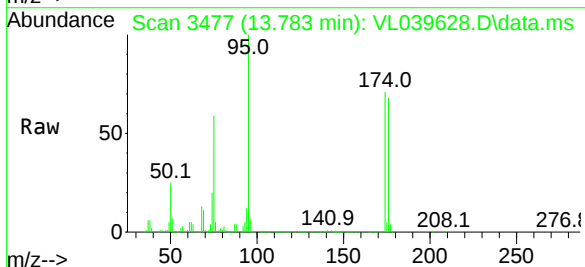
Tgt Ion: 95 Resp: 2233180

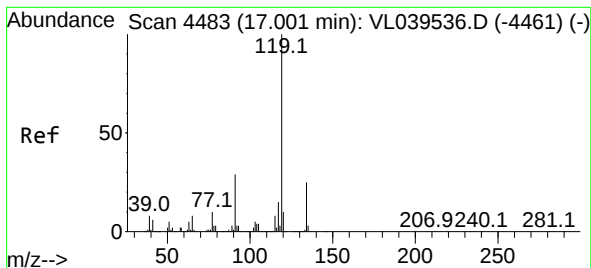
Ion Ratio Lower Upper

95 100

174 70.7 55.9 83.9

175 5.4 4.2 6.4





#69

p-Isopropyltoluene

Concen: 1.058 ppbv

RT: 17.008 min Scan# 4483

Delta R.T. 0.007 min

Lab File: VL039628.D

Acq: 19 Sep 2022 9:44

Instrument :

MSVOA_L

ClientSampleId :

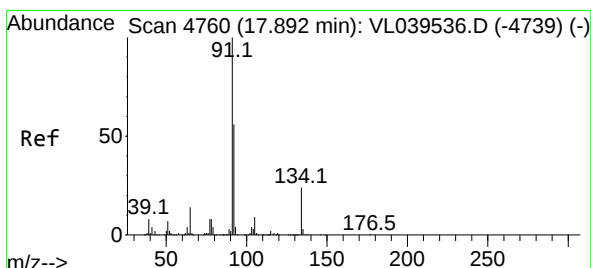
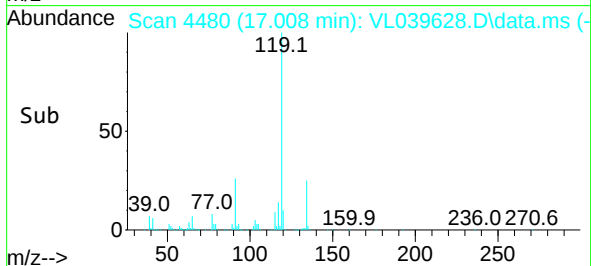
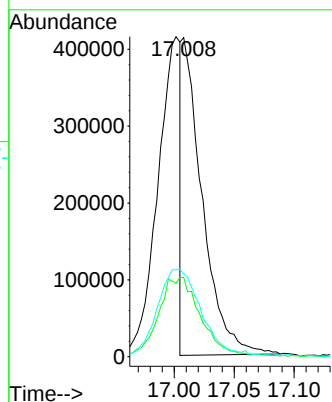
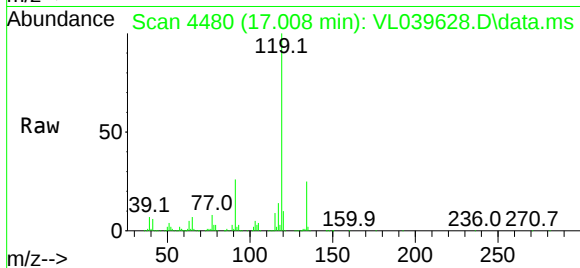
Tgt Ion:119 Resp: 480625

Ion Ratio Lower Upper

119 100

134 53.4 20.3 30.5#

91 0.0 22.9 34.3#



#70

n-Butylbenzene

Concen: 2.240 ppbv

RT: 17.895 min Scan# 4756

Delta R.T. 0.004 min

Lab File: VL039628.D

Acq: 19 Sep 2022 9:44

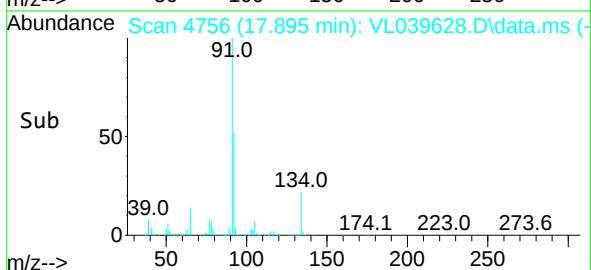
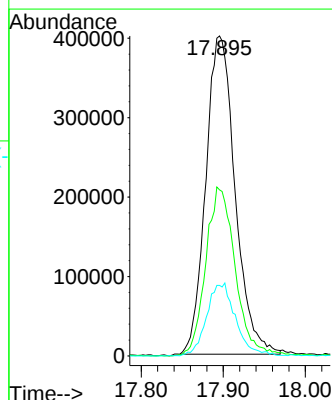
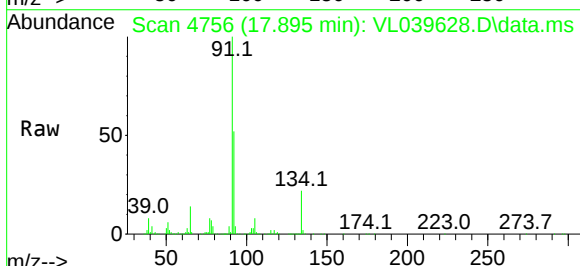
Tgt Ion: 91 Resp: 997282

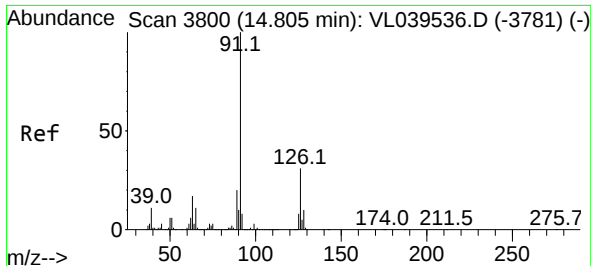
Ion Ratio Lower Upper

91 100

92 53.8 43.4 65.2

134 22.8 18.9 28.3

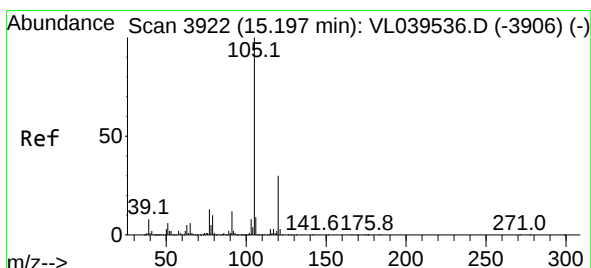
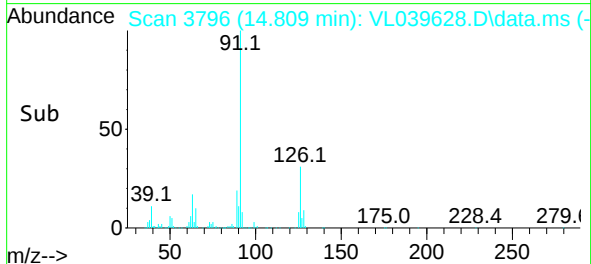
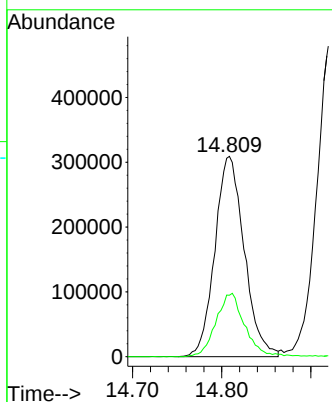
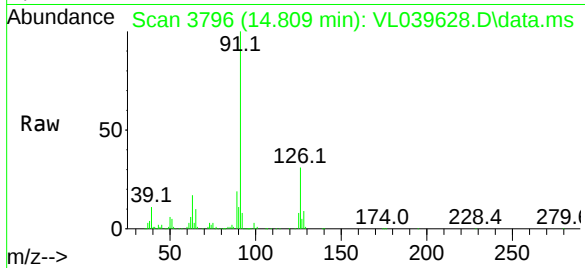




#71
2-Chlorotoluene
Concen: 2.197 ppbv
RT: 14.809 min Scan# 31
Delta R.T. 0.004 min
Lab File: VL039628.D
Acq: 19 Sep 2022 9:44

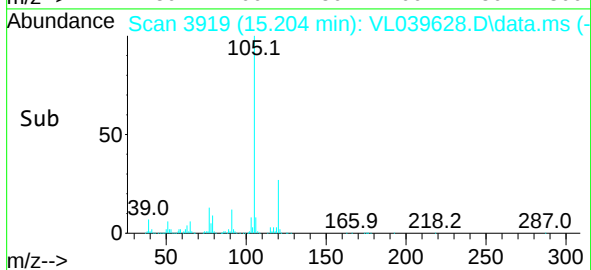
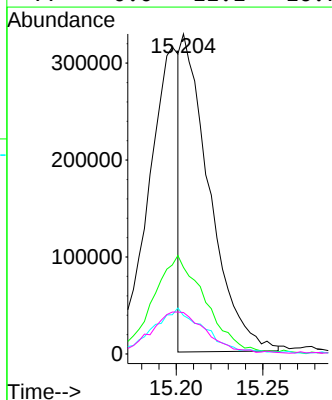
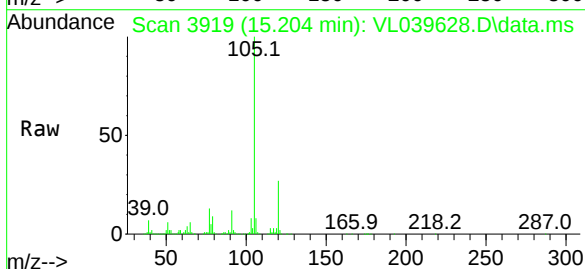
Instrument :
MSVOA_L
ClientSampleId :

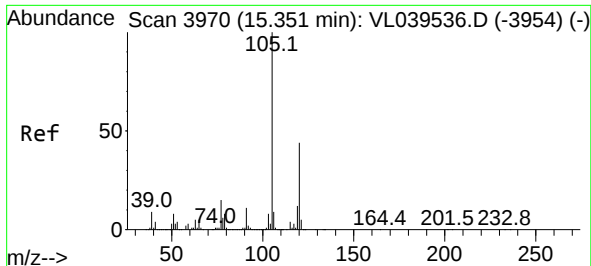
Tgt Ion: 91 Resp: 707446
Ion Ratio Lower Upper
91 100
126 31.2 13.0 51.8



#72
4-Ethyltoluene
Concen: 1.096 ppbv
RT: 15.204 min Scan# 3919
Delta R.T. 0.007 min
Lab File: VL039628.D
Acq: 19 Sep 2022 9:44

Tgt Ion: 105 Resp: 371000
Ion Ratio Lower Upper
105 100
120 59.5 24.2 36.2#
91 27.0 10.2 15.4#
77 0.0 11.1 16.7#

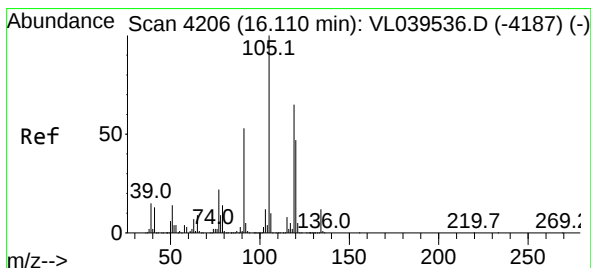
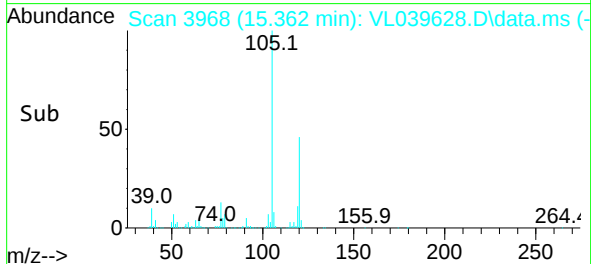
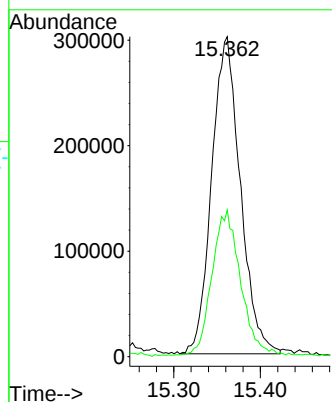
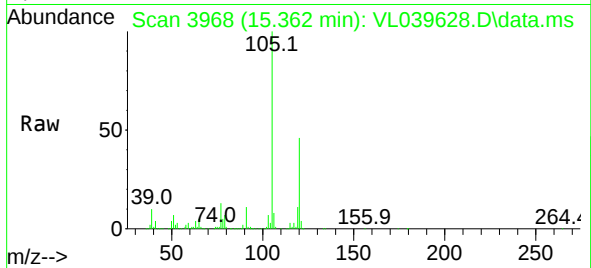




#73
 1,3,5-Trimethylbenzene
 Concen: 2.229 ppbv
 RT: 15.362 min Scan# 3970
 Delta R.T. 0.010 min
 Lab File: VL039628.D
 Acq: 19 Sep 2022 9:44

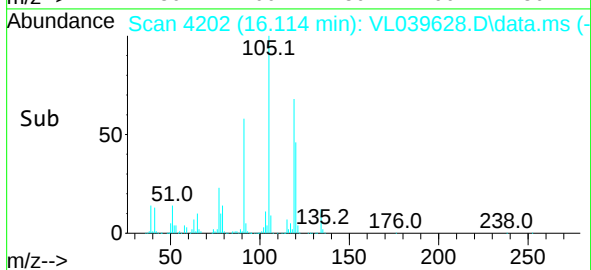
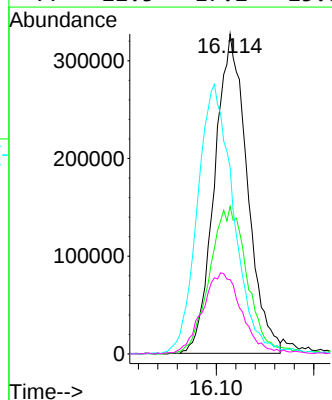
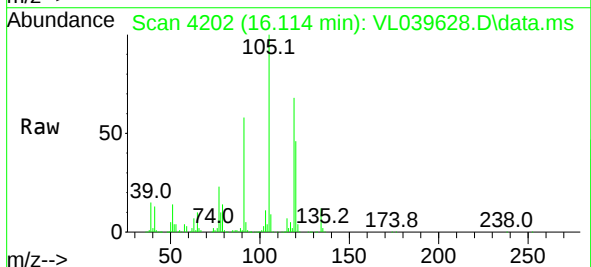
Instrument :
 MSVOA_L
 ClientSampleId :

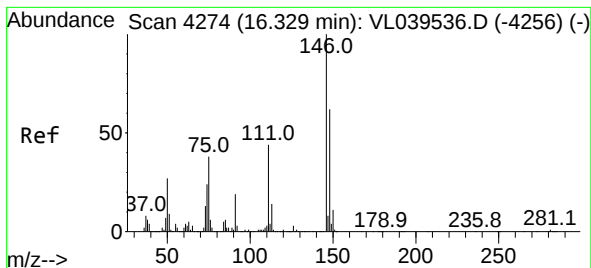
Tgt Ion:105 Resp: 690053
 Ion Ratio Lower Upper
 105 100
 120 45.5 38.2 57.4



#74
 1,2,4-Trimethylbenzene
 Concen: 2.192 ppbv
 RT: 16.114 min Scan# 4202
 Delta R.T. 0.004 min
 Lab File: VL039628.D
 Acq: 19 Sep 2022 9:44

Tgt Ion:105 Resp: 760968
 Ion Ratio Lower Upper
 105 100
 120 45.4 39.5 59.3
 91 57.1 39.2 58.8
 77 22.5 17.2 25.8





#75

1,3-Dichlorobenzene

Concen: 2.156 ppbv

RT: 16.336 min Scan# 41

Delta R.T. 0.007 min

Lab File: VL039628.D

Acq: 19 Sep 2022 9:44

Instrument :

MSVOA_L

ClientSampleId :

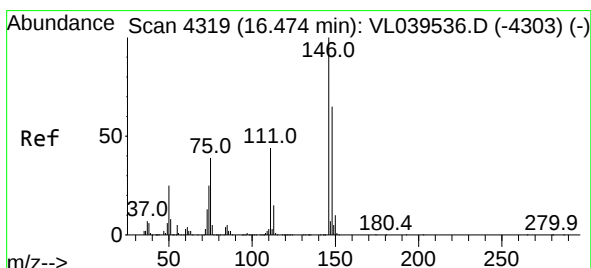
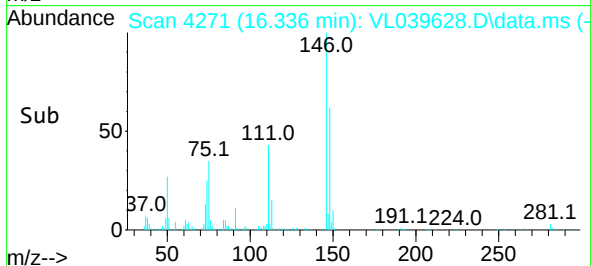
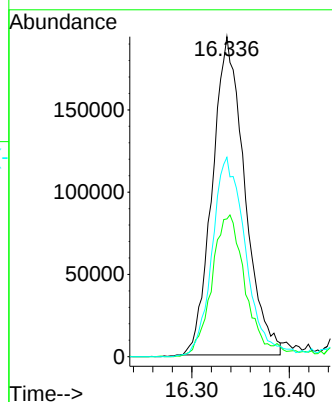
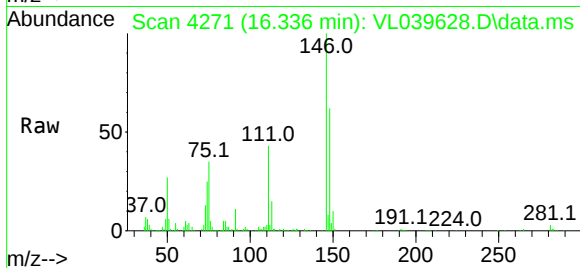
Tgt Ion:146 Resp: 446572

Ion Ratio Lower Upper

146 100

111 47.2 22.9 68.7

148 65.2 32.1 96.5



#76

1,4-Dichlorobenzene

Concen: 1.125 ppbv

RT: 16.477 min Scan# 4315

Delta R.T. 0.004 min

Lab File: VL039628.D

Acq: 19 Sep 2022 9:44

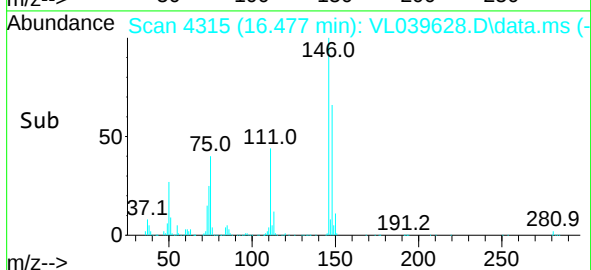
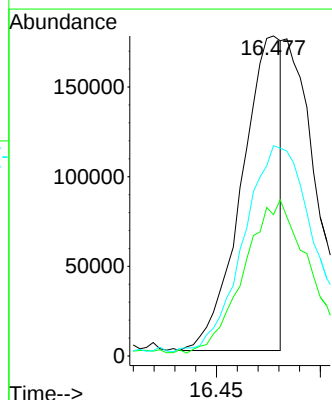
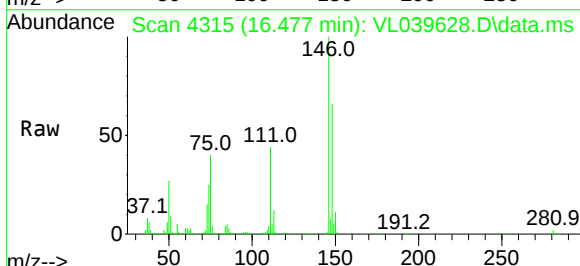
Tgt Ion:146 Resp: 233056

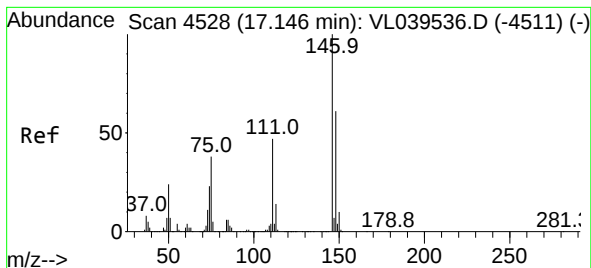
Ion Ratio Lower Upper

146 100

111 88.8 22.9 68.8#

148 127.1 33.6 100.8#





#77

1,2-Dichlorobenzene

Concen: 2.161 ppbv

RT: 17.149 min Scan# 4

Delta R.T. 0.004 min

Lab File: VL039628.D

Acq: 19 Sep 2022 9:44

Instrument :

MSVOA_L

ClientSampleId :

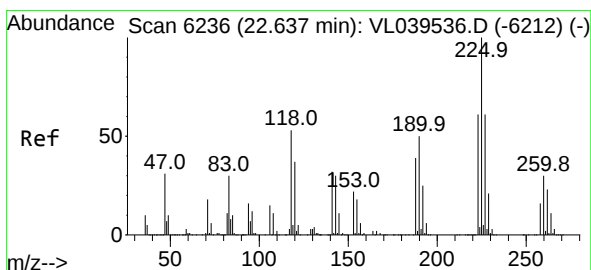
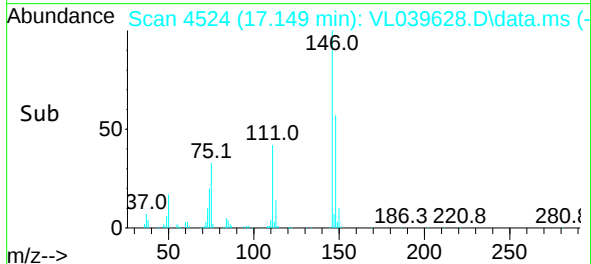
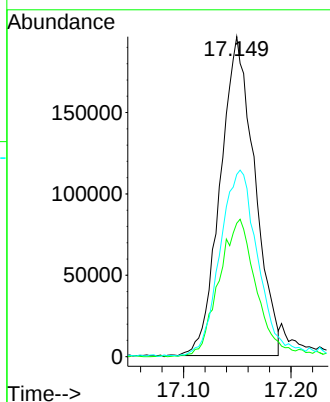
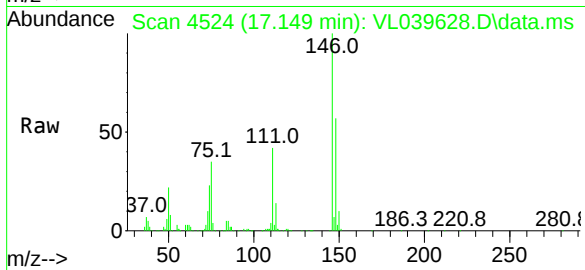
Tgt Ion:146 Resp: 436332

Ion Ratio Lower Upper

146 100

111 47.6 23.8 71.5

148 67.0 32.3 96.8



#78

Hexachloro-1,3-Butadiene

Concen: 2.275 ppbv

RT: 22.638 min Scan# 6231

Delta R.T. 0.001 min

Lab File: VL039628.D

Acq: 19 Sep 2022 9:44

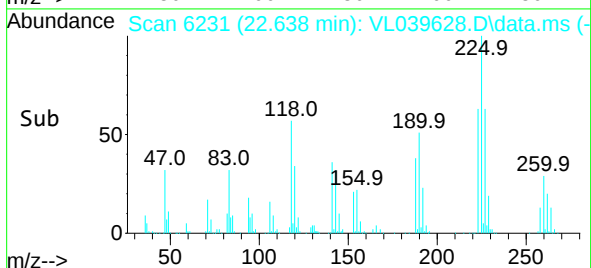
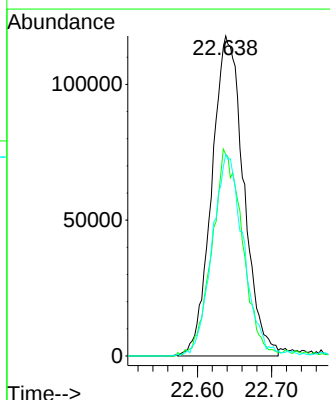
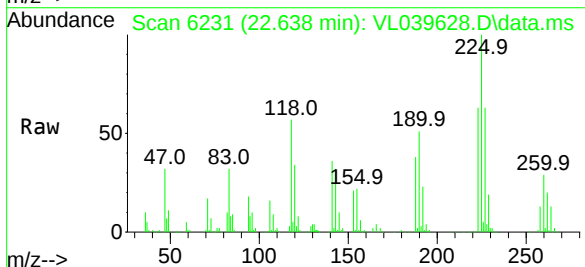
Tgt Ion:225 Resp: 351007

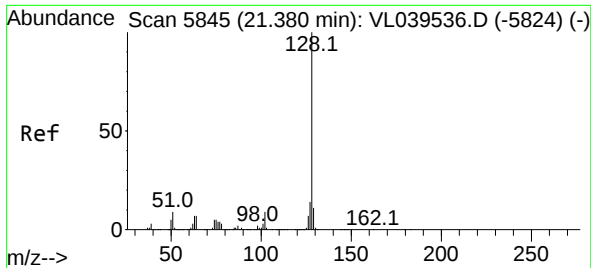
Ion Ratio Lower Upper

225 100

223 62.5 51.8 77.6

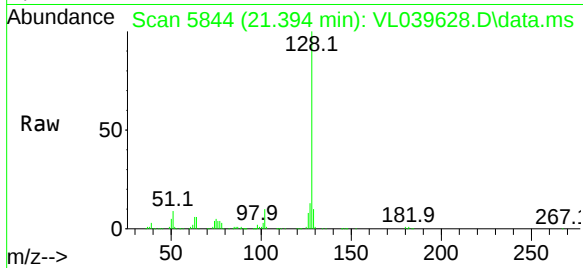
227 62.9 51.4 77.2



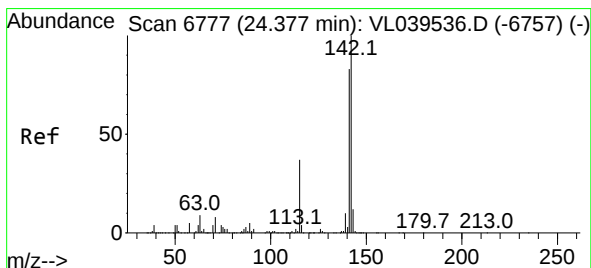
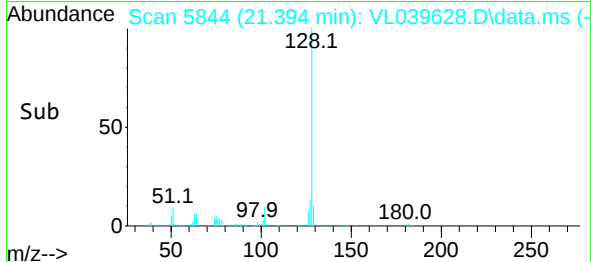
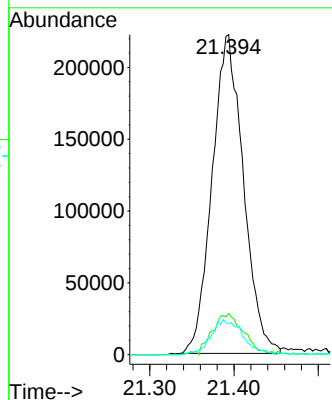


#79
Naphthalene
Concen: 2.493 ppbv
RT: 21.394 min Scan# 51
Delta R.T. 0.013 min
Lab File: VL039628.D
Acq: 19 Sep 2022 9:44

Instrument :
MSVOA_L
ClientSampleId :

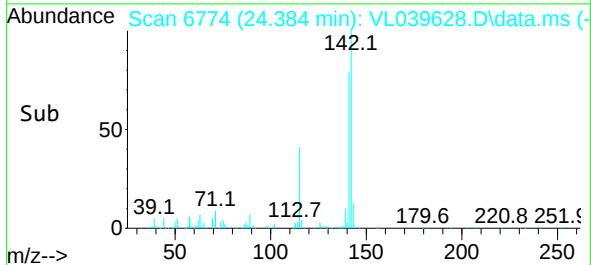
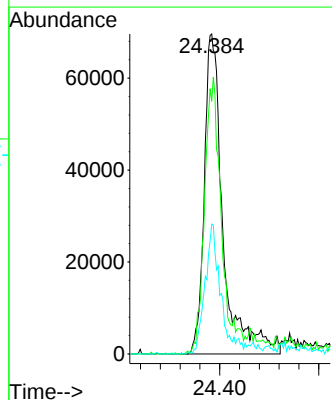
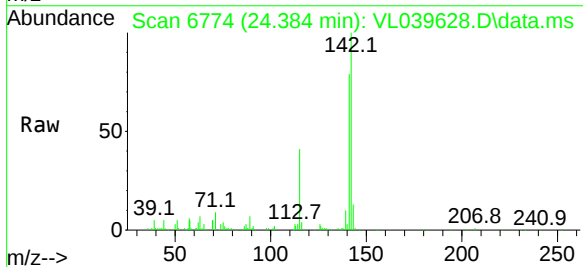


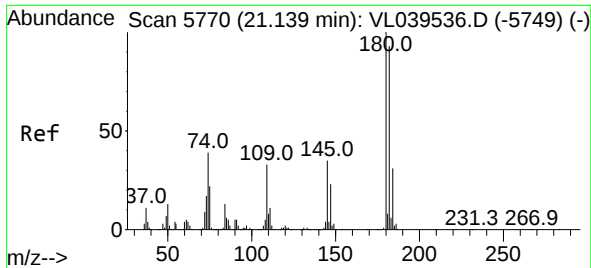
Tgt Ion:128 Resp: 570957
Ion Ratio Lower Upper
128 100
127 12.9 10.6 15.8
129 9.6 8.8 13.2



#80
Naphthalene,2-methyl-
Concen: 2.132 ppbv
RT: 24.384 min Scan# 6774
Delta R.T. 0.007 min
Lab File: VL039628.D
Acq: 19 Sep 2022 9:44

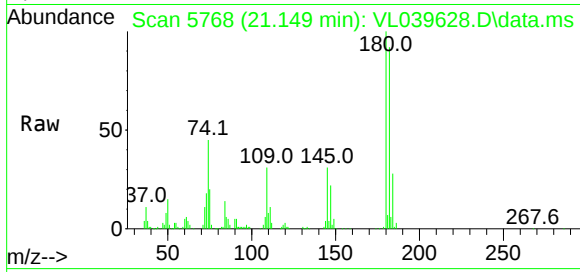
Tgt Ion:142 Resp: 183571
Ion Ratio Lower Upper
142 100
141 82.2 68.9 103.3
115 35.6 30.0 45.0





#81
 1,2,4-Trichlorobenzene
 Concen: 2.234 ppbv
 RT: 21.149 min Scan# 51
 Delta R.T. 0.010 min
 Lab File: VL039628.D
 Acq: 19 Sep 2022 9:44

Instrument :
 MSVOA_L
 ClientSampleId :



Tgt Ion:	180	Resp:	336106
Ion Ratio	Lower	Upper	
180	100		
182	98.0	77.1	115.7
184	30.1	24.3	36.5

