

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL120122\
 Data File : VL039939.D
 Acq On : 1 Dec 2022 12:56
 Operator : SY/MD
 Sample : VL1201ABS02
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL1201ABS02

Quant Time: Dec 02 05:31:39 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 05:29:35 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.169	49	1121718	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.632	114	3145190	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.452	117	2891680	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.761	95	2238311	10.134	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.300%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.706	85	1687570	10.505	ppbv	97
3) Chlorodifluoromethane	2.652	51	1355430	8.757	ppbv	97
4) Chloromethane	2.790	50	851372	8.607	ppbv	95
5) Vinyl Chloride	2.896	62	751461	9.722	ppbv	98
6) Bromomethane	3.095	94	255717	9.699	ppbv	97
7) Chloroethane	3.173	64	273715	8.959	ppbv	99
8) Dichlorotetrafluoroethane	2.832	85	1776994	9.687	ppbv	98
9) Propene	2.668	41	618239	8.479	ppbv	99
10) Heptane	7.561	43	1555640	8.842	ppbv	99
11) Trichlorofluoromethane	3.539	101	1874463	9.566	ppbv	99
12) 1,1,2-Trichlorotrifluo...	4.044	101	1379671	9.303	ppbv	98
13) Ethanol	3.224	45	39092	7.022	ppbv	93
14) Bromoethene	3.343	108	573635	9.918	ppbv	98
15) Acetone	3.443	43	1306258	8.780	ppbv	99
16) 1,3-Butadiene	2.960	39	697814	9.411	ppbv	99
17) tert-Butyl alcohol	3.854	59	1459622	8.533	ppbv	99
18) 1,1-Dichloroethene	3.857	96	627311	9.273	ppbv	97
19) Isopropyl Alcohol	3.552	45	753858	9.358	ppbv #	32
20) Methylene Chloride	3.906	84	524888	7.282	ppbv	94
21) Allyl Chloride	3.973	41	934423	9.054	ppbv	99
22) trans-1,2-Dichloroethene	4.423	96	657663	9.559	ppbv	96
23) Vinyl Acetate	4.603	43	536995	8.785	ppbv	99
24) 1,1-Dichloroethane	4.539	63	1320944	8.963	ppbv	99
25) Ethyl Acetate	5.182	43	2734524	10.010	ppbv	99
26) Hexane	5.192	57	1167515	9.784	ppbv	99
27) Carbon Disulfide	4.102	76	1593103	10.574	ppbv	99
28) Methyl tert-Butyl Ether	4.562	73	1281631	8.578	ppbv	99
29) Chloroform	5.253	83	1927598	12.155	ppbv	99
30) Cyclohexane	6.581	84	1036573	8.851	ppbv	97
31) cis-1,2-Dichloroethene	5.057	61	1035108	9.389	ppbv	96
32) 1,1,1-Trichloroethane	5.983	97	2007267	10.135	ppbv	98
34) 2-Butanone	4.764	43	1468108	9.755	ppbv	97
35) Carbon Tetrachloride	6.471	117	2067910	11.577	ppbv	99
36) Benzene	6.349	78	2618597	9.795	ppbv	99
37) 1,2-Dichloroethane	5.783	62	1523294	10.398	ppbv	99
38) Trichloroethene	7.272	130	1499679	10.035	ppbv	98
39) 1,2-Dichloropropane	7.053	63	993519	9.539	ppbv	97
40) 1,4-Dioxane	7.266	88	436268	10.514	ppbv	79
41) Tetrahydrofuran	5.533	42	1022688	9.843	ppbv	99
42) Bromodichloromethane	7.230	83	2196930	11.057	ppbv	97
43) Methyl Methacrylate	7.455	69	1050983	10.027	ppbv	100
44) 2,2,4-Trimethylpentane	7.307	57	4185689	9.379	ppbv	99
45) t-1,3-Dichloropropene	8.693	75	1053273	10.877	ppbv	97

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

Instrument :
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 ClientSampleId :
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Quant Time: Dec 02 05:31:39 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 05:29:35 2022
 Response via : Initial Calibration

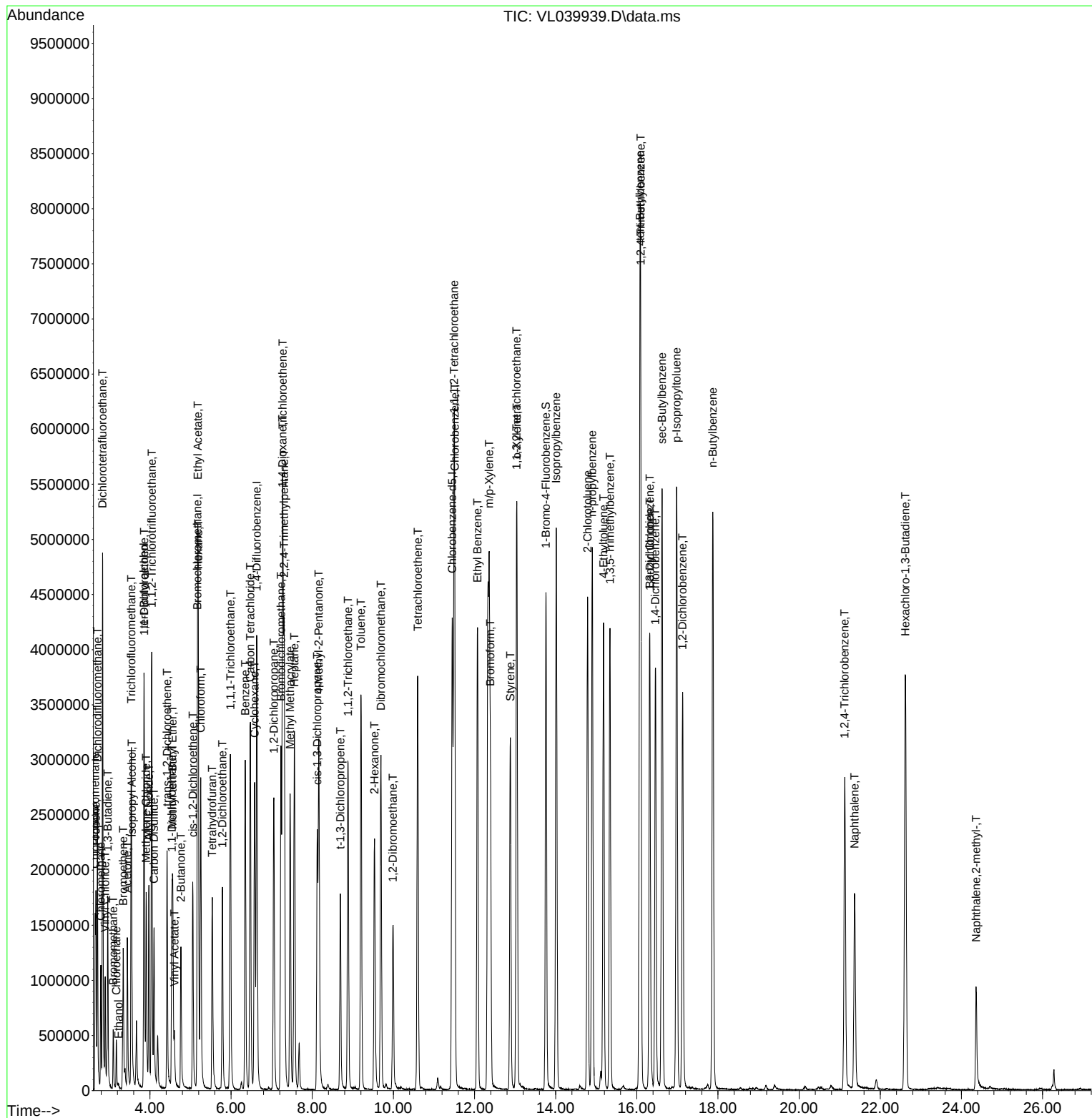
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46) cis-1,3-Dichloropropene	8.124	75	1382622	10.307	ppbv	99
47) 1,1,2-Trichloroethane	8.880	97	1095370	10.233	ppbv	99
48) Dibromochloromethane	9.693	129	1848395	11.789	ppbv	100
49) Bromoform	12.391	173	1464798	11.541	ppbv	98
50) 4-Methyl-2-Pentanone	8.163	43	2628401	9.752	ppbv	99
51) 2-Hexanone	9.536	43	2099448	10.034	ppbv #	99
52) Tetrachloroethene	10.600	164	914943	9.148	ppbv	94
53) Toluene	9.201	91	3016502	9.905	ppbv	99
54) 1,2-Dibromoethane	9.989	107	1279761	11.203	ppbv	98
56) 1,1,1,2-Tetrachloroethane	11.494	131	1299308	10.992	ppbv	99
57) Chlorobenzene	11.513	112	2290168	10.358	ppbv	96
58) Ethyl Benzene	12.073	91	4066137	10.365	ppbv	97
59) m/p-Xylene	12.359	91	3674429	11.191	ppbv #	43
60) o-Xylene	12.044	91	3255384	10.397	ppbv	98
61) Styrene	12.886	104	1994135	10.669	ppbv	99
62) Isopropylbenzene	14.015	105	4651050	10.300	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.037	83	1123939	10.750	ppbv	99
64) n-propylbenzene	14.899	120	1230708	10.419	ppbv	93
65) tert-Butylbenzene	16.076	119	4057125	10.271	ppbv	99
66) Benzyl Chloride	16.317	91	331017	9.779	ppbv	97
67) sec-Butylbenzene	16.622	105	5612121	10.333	ppbv	98
69) p-Isopropyltoluene	16.979	119	4612496	10.309	ppbv	99
70) n-Butylbenzene	17.873	91	4700036	10.596	ppbv	98
71) 2-Chlorotoluene	14.786	91	3566281	10.420	ppbv	98
72) 4-Ethyltoluene	15.179	105	3790891	10.771	ppbv	99
73) 1,3,5-Trimethylbenzene	15.339	105	3345089	10.382	ppbv	99
74) 1,2,4-Trimethylbenzene	16.095	105	3569690	10.465	ppbv	95
75) 1,3-Dichlorobenzene	16.320	146	2023093	10.541	ppbv	99
76) 1,4-Dichlorobenzene	16.458	146	1968844	10.348	ppbv	97
77) 1,2-Dichlorobenzene	17.127	146	1908147	10.313	ppbv	99
78) Hexachloro-1,3-Butadiene	22.619	225	1127601	8.783	ppbv	99
79) Naphthalene	21.365	128	1241292	6.080	ppbv	99
80) Naphthalene,2-methyl-	24.361	142	670609	11.679	ppbv	93
81) 1,2,4-Trichlorobenzene	21.124	180	1243888	9.866	ppbv	98

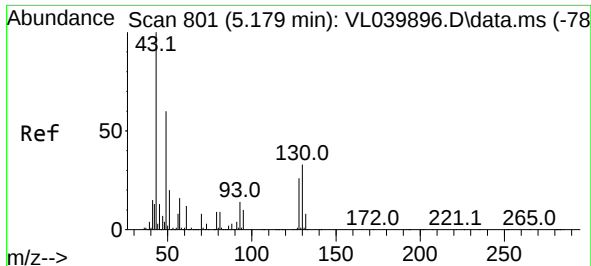
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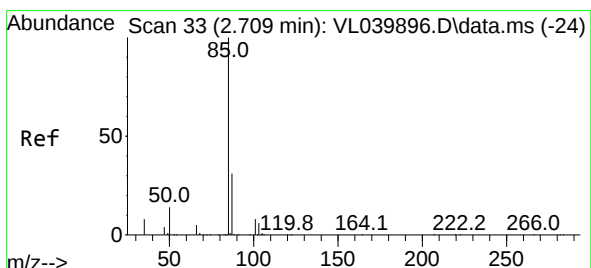
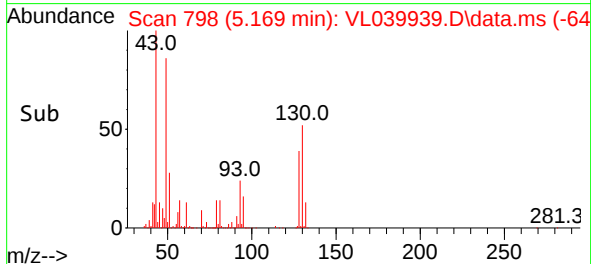
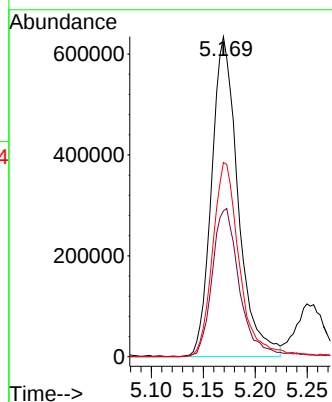
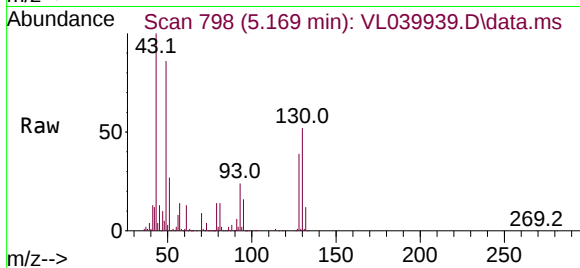




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.169 min Scan# 79
Delta R.T. -0.004 min
Lab File: VL039939.D
Acq: 1 Dec 2022 12:56

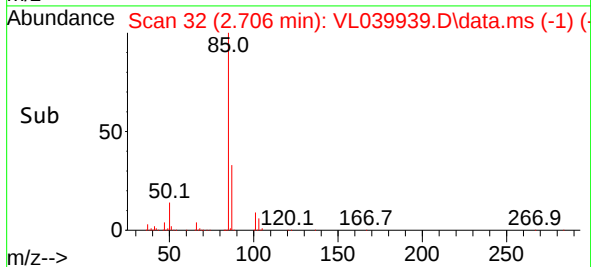
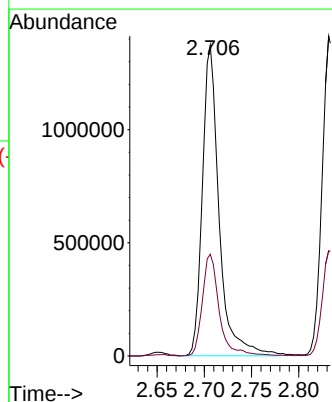
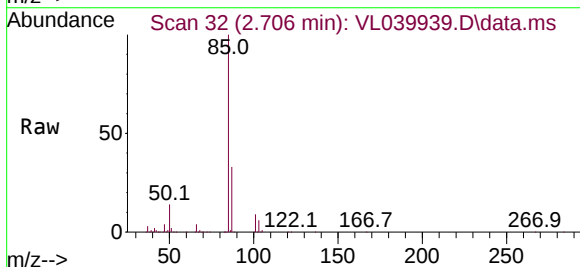
Instrument :
MSVOA_L
ClientSampleId :
VL1201ABS02

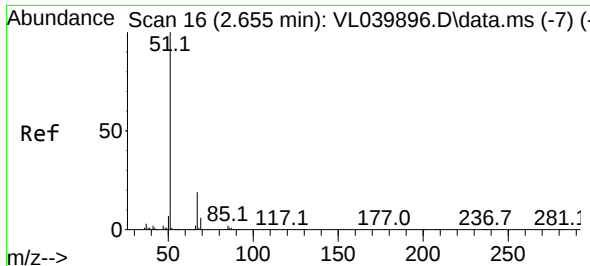
Tgt Ion: 49 Resp: 1121718
Ion Ratio Lower Upper
49 100
128 48.9 22.1 66.3
130 62.9 27.7 83.1



#2
Dichlorodifluoromethane
Concen: 10.505 ppbv
RT: 2.706 min Scan# 32
Delta R.T. -0.003 min
Lab File: VL039939.D
Acq: 1 Dec 2022 12:56

Tgt Ion: 85 Resp: 1687570
Ion Ratio Lower Upper
85 100
87 32.7 25.0 37.4

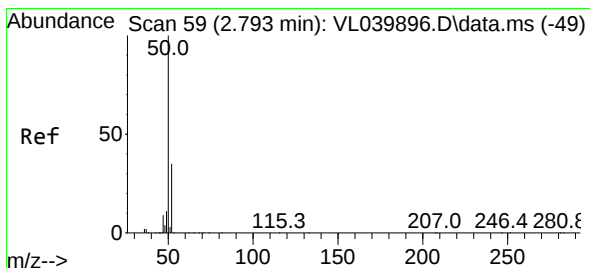
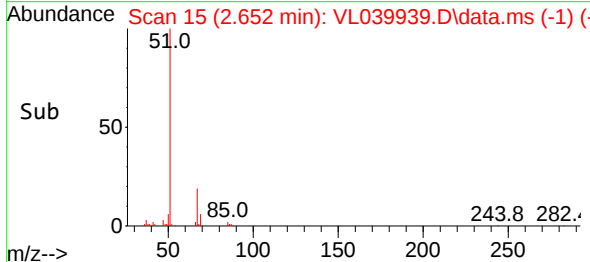
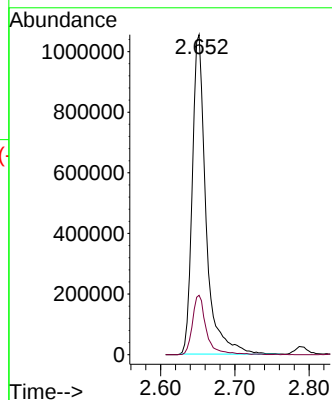
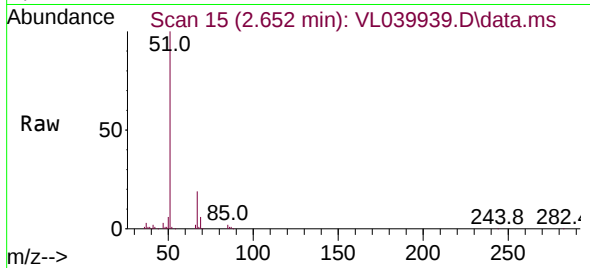




#3
Chlorodifluoromethane
Concen: 8.757 ppbv
RT: 2.652 min Scan# 11
Delta R.T. -0.003 min
Lab File: VL039939.D
Acq: 1 Dec 2022 12:56

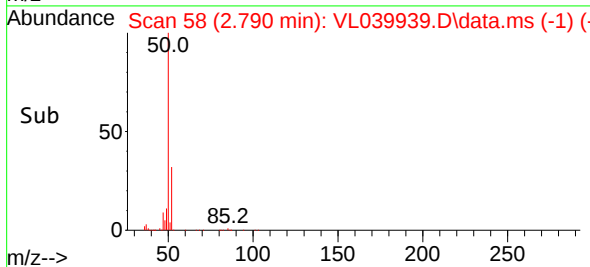
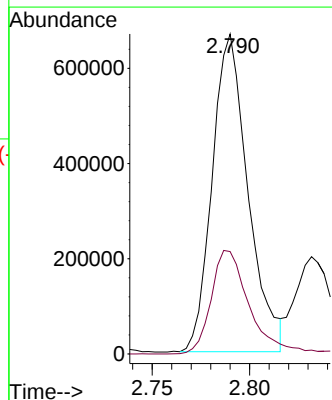
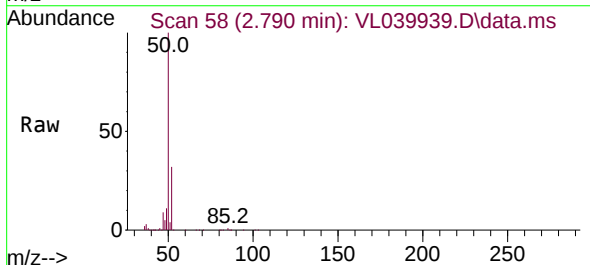
Instrument :
MSVOA_L
ClientSampleId :
VL1201ABS02

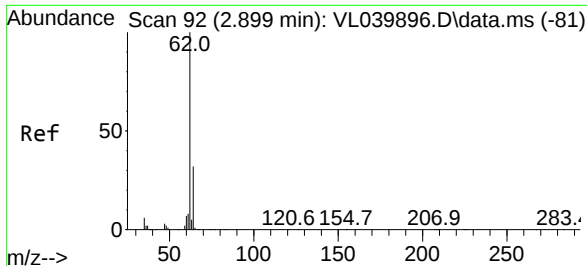
Tgt Ion: 51 Resp: 1355430
Ion Ratio Lower Upper
51 100
67 19.0 14.2 21.4



#4
Chloromethane
Concen: 8.607 ppbv
RT: 2.790 min Scan# 58
Delta R.T. -0.000 min
Lab File: VL039939.D
Acq: 1 Dec 2022 12:56

Tgt Ion: 50 Resp: 851372
Ion Ratio Lower Upper
50 100
52 32.1 27.8 41.8

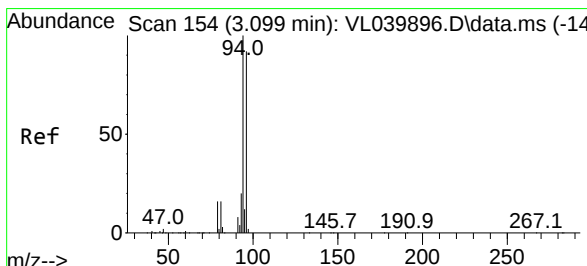
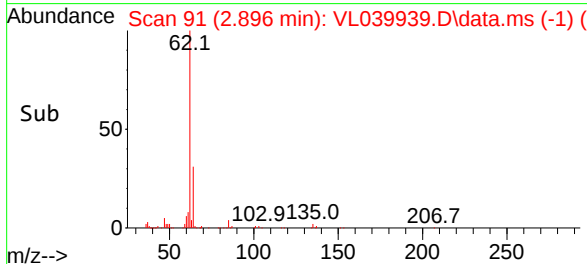
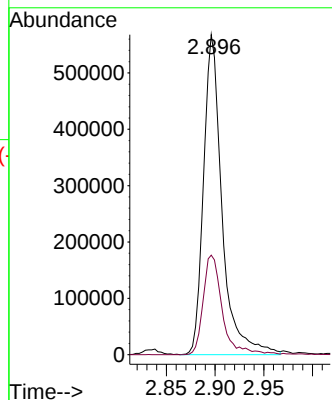
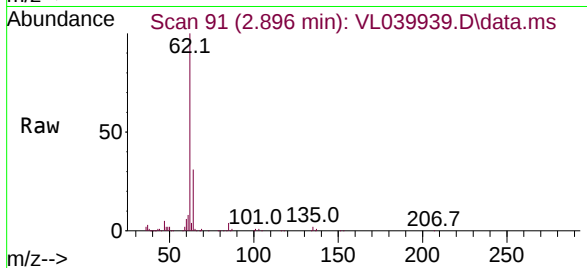




#5
 Vinyl Chloride
 Concen: 9.722 ppbv
 RT: 2.896 min Scan# 91
 Delta R.T. -0.003 min
 Lab File: VL039939.D
 Acq: 1 Dec 2022 12:56

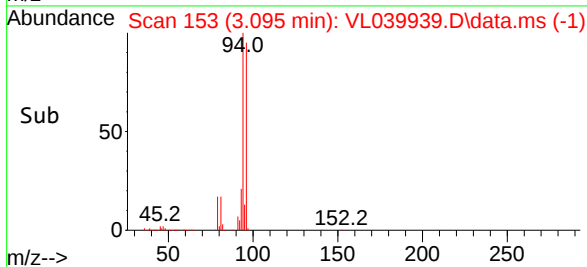
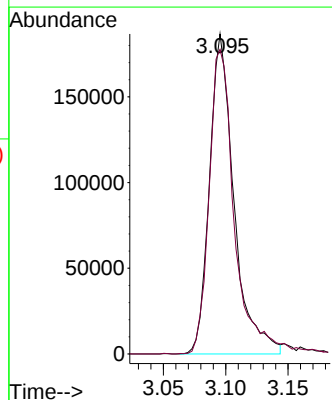
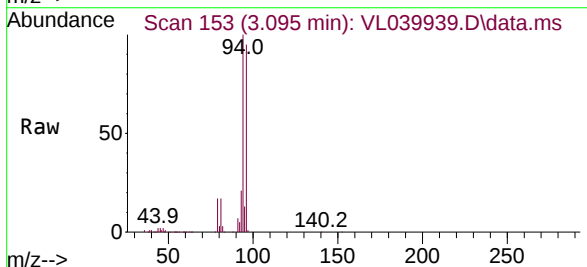
Instrument :
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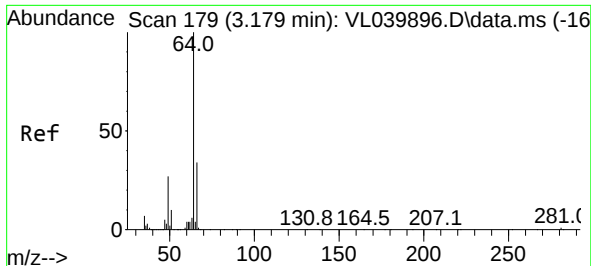
Tgt Ion: 62 Resp: 751461
 Ion Ratio Lower Upper
 62 100
 64 31.1 25.7 38.5



#6
 Bromomethane
 Concen: 9.699 ppbv
 RT: 3.095 min Scan# 153
 Delta R.T. -0.003 min
 Lab File: VL039939.D
 Acq: 1 Dec 2022 12:56

Tgt Ion: 94 Resp: 255717
 Ion Ratio Lower Upper
 94 100
 96 95.0 73.7 110.5

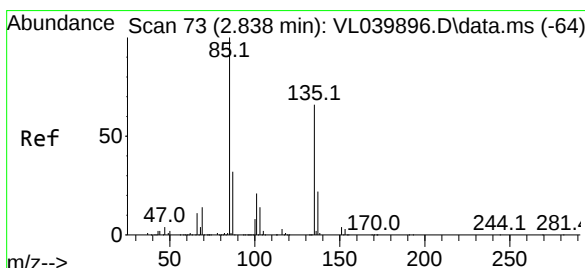
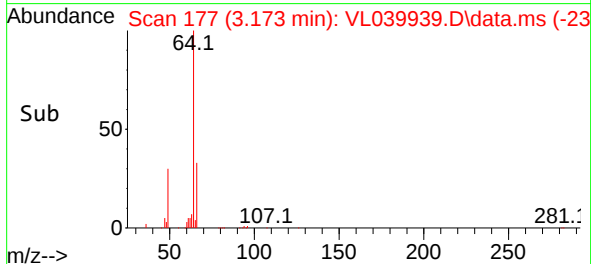
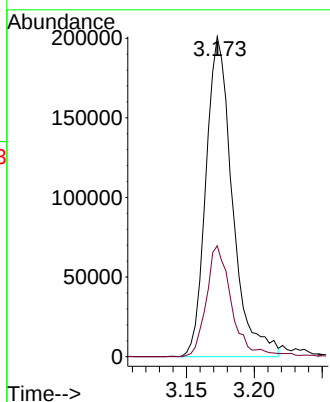
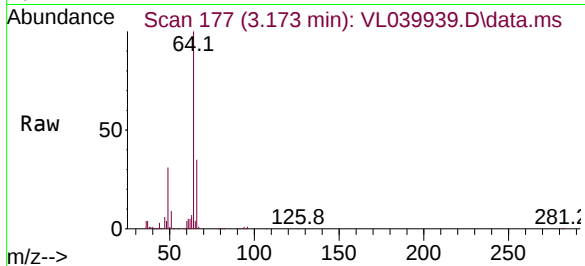




#7
Chloroethane
Concen: 8.959 ppbv
RT: 3.173 min Scan# 11
Delta R.T. -0.003 min
Lab File: VL039939.D
Acq: 1 Dec 2022 12:56

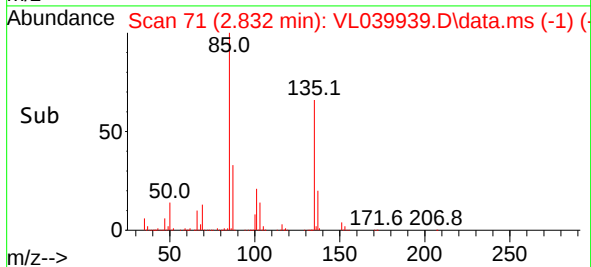
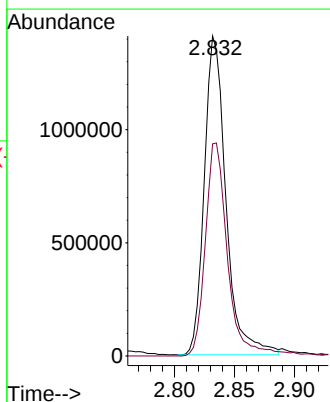
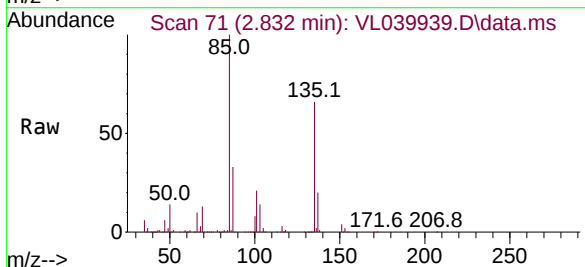
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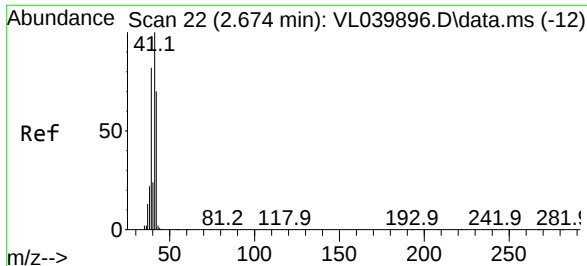
Tgt Ion: 64 Resp: 273715
Ion Ratio Lower Upper
64 100
66 34.7 27.3 40.9



#8
Dichlorotetrafluoroethane
Concen: 9.687 ppbv
RT: 2.832 min Scan# 71
Delta R.T. -0.003 min
Lab File: VL039939.D
Acq: 1 Dec 2022 12:56

Tgt Ion: 85 Resp: 1776994
Ion Ratio Lower Upper
85 100
135 69.3 54.1 81.1





#9

Propene

Concen: 8.479 ppbv

RT: 2.668 min Scan# 20

Delta R.T. -0.003 min

Lab File: VL039939.D

Acq: 1 Dec 2022 12:56

Instrument :

MSVOA_L

ClientSampleId :

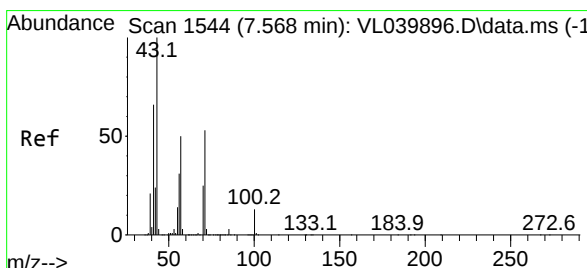
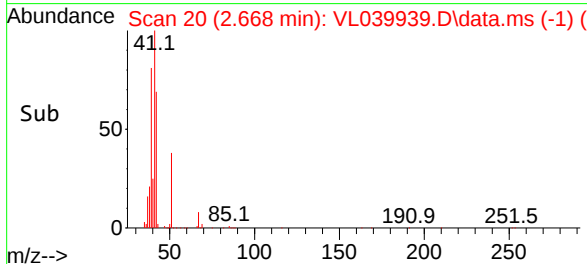
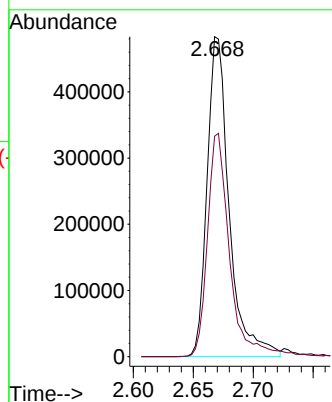
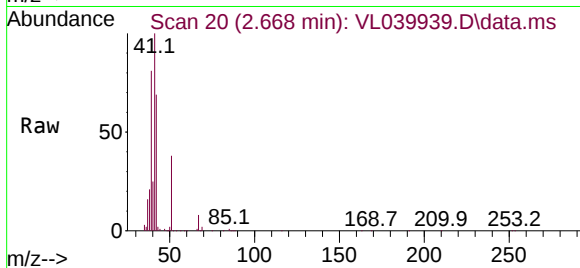
VL1201ABS02

Tgt Ion: 41 Resp: 618239

Ion Ratio Lower Upper

41 100

42 70.7 55.8 83.6



#10

Heptane

Concen: 8.842 ppbv

RT: 7.561 min Scan# 1542

Delta R.T. -0.003 min

Lab File: VL039939.D

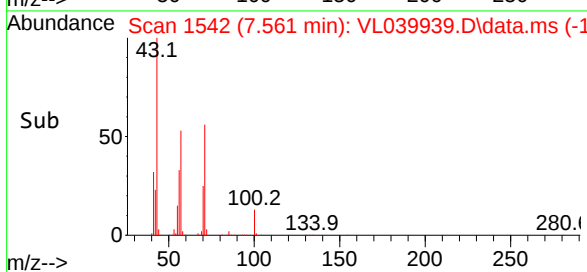
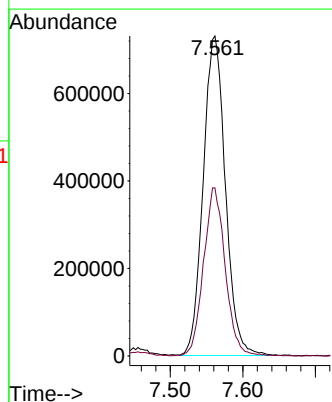
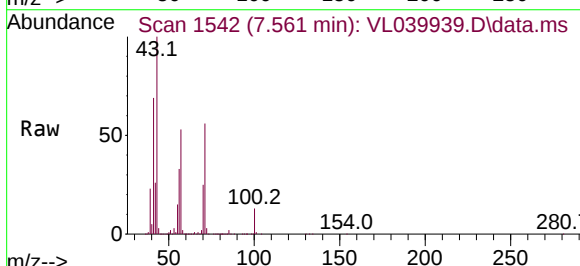
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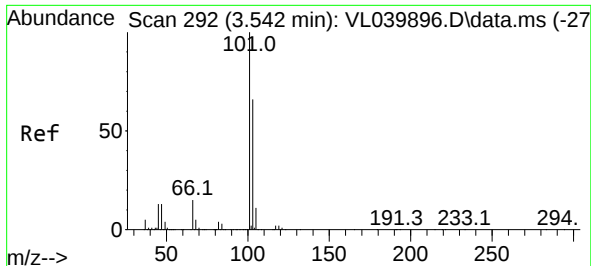
Tgt Ion: 43 Resp: 1555640

Ion Ratio Lower Upper

43 100

57 51.3 40.7 61.1

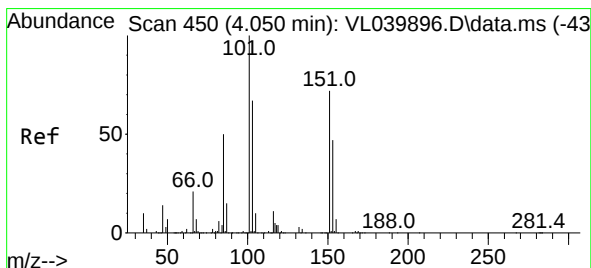
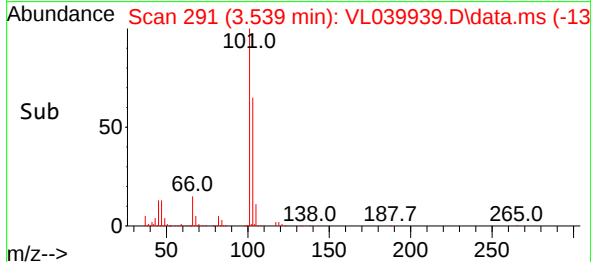
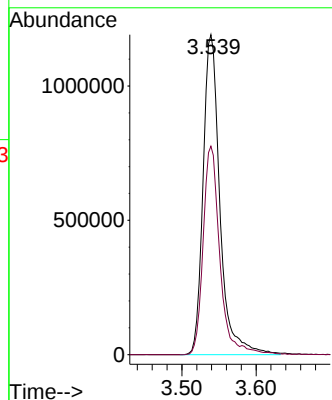
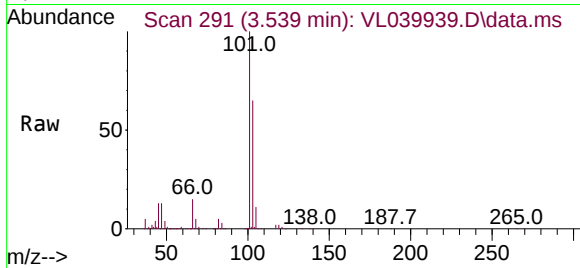




#11
 Trichlorofluoromethane
 Concen: 9.566 ppbv
 RT: 3.539 min Scan# 291
 Delta R.T. -0.003 min
 Lab File: VL039939.D
 Acq: 1 Dec 2022 12:56

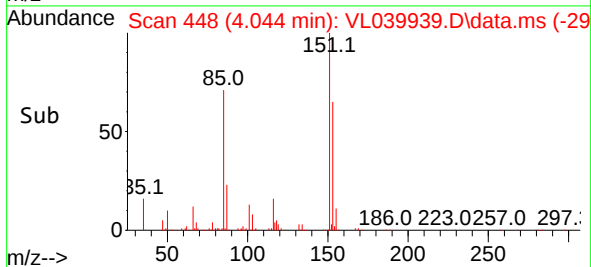
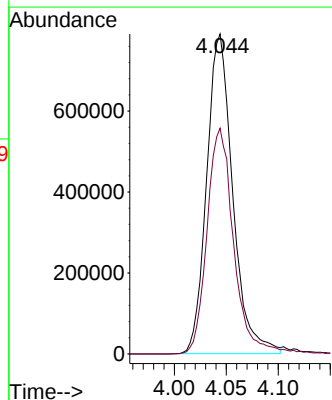
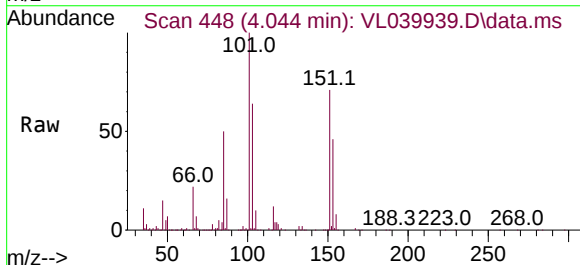
Instrument :
 MSVOA_1
 ClientSampleId :
 VL1201ABS02

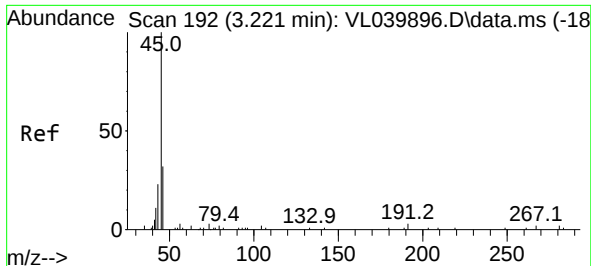
Tgt Ion:101 Resp: 1874463
 Ion Ratio Lower Upper
 101 100
 103 65.2 52.6 78.8



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 9.303 ppbv
 RT: 4.044 min Scan# 448
 Delta R.T. -0.003 min
 Lab File: VL039939.D
 Acq: 1 Dec 2022 12:56

Tgt Ion:101 Resp: 1379671
 Ion Ratio Lower Upper
 101 100
 151 72.7 59.6 89.4

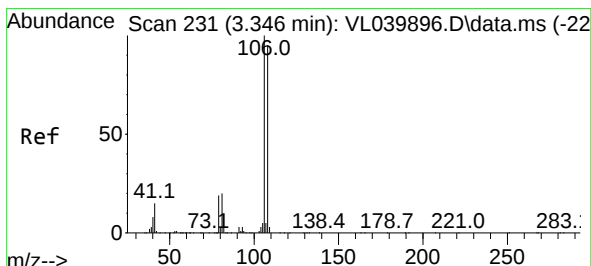
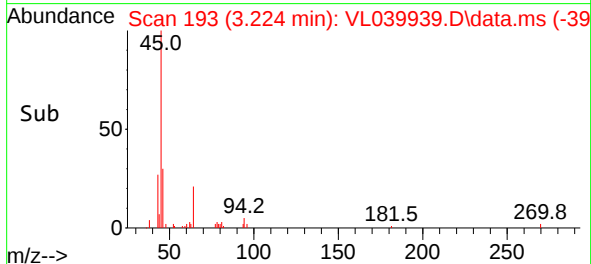
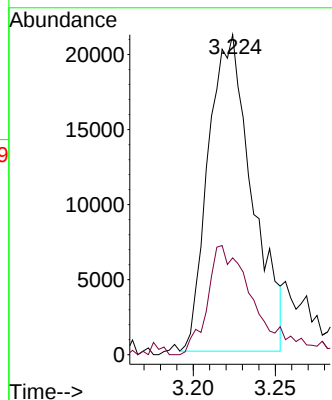
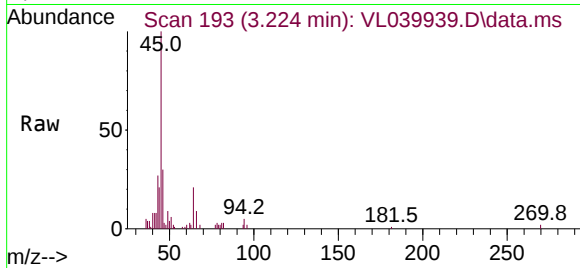




#13
Ethanol
Concen: 7.022 ppbv
RT: 3.224 min Scan# 192
Delta R.T. -0.003 min
Lab File: VL039939.D
Acq: 1 Dec 2022 12:56

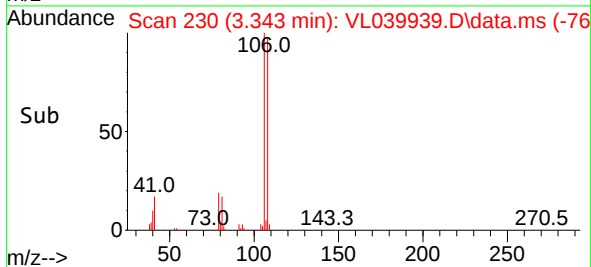
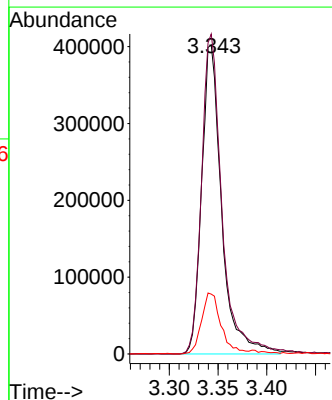
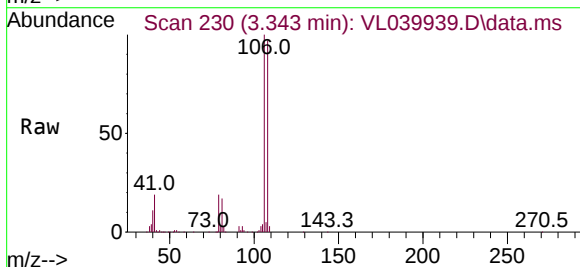
Instrument :
MSVOA_L
ClientSampleId :
VL1201ABS02

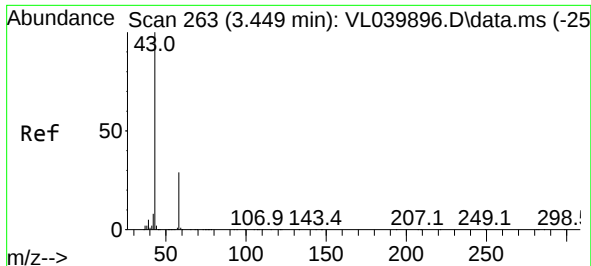
Tgt Ion: 45 Resp: 39092
Ion Ratio Lower Upper
45 100
46 40.4 14.6 58.2



#14
Bromoethene
Concen: 9.918 ppbv
RT: 3.343 min Scan# 230
Delta R.T. -0.003 min
Lab File: VL039939.D
Acq: 1 Dec 2022 12:56

Tgt Ion: 108 Resp: 573635
Ion Ratio Lower Upper
108 100
106 106.7 87.3 130.9
79 20.4 15.9 23.9

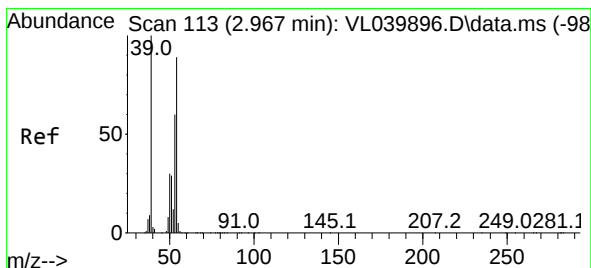
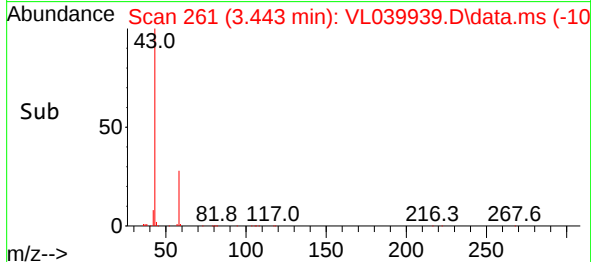
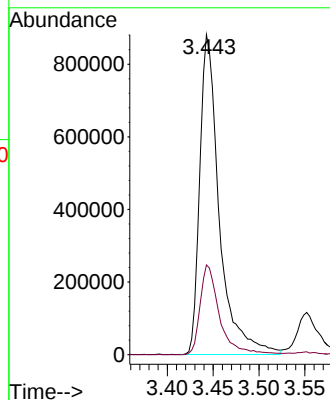
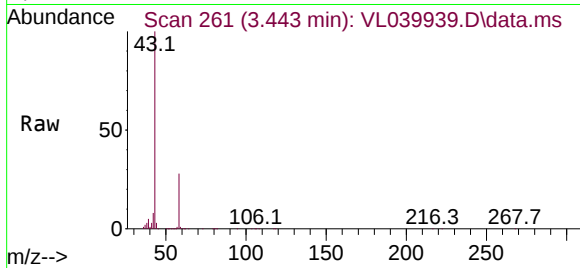




#15
Acetone
Concen: 8.780 ppbv
RT: 3.443 min Scan# 20
Delta R.T. -0.003 min
Lab File: VL039939.D
Acq: 1 Dec 2022 12:56

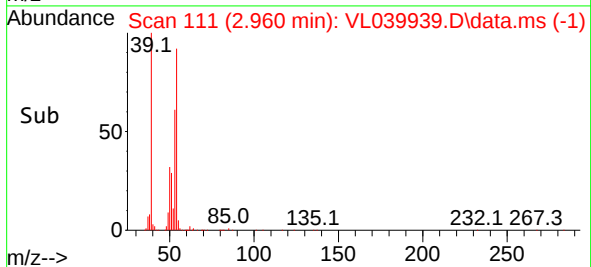
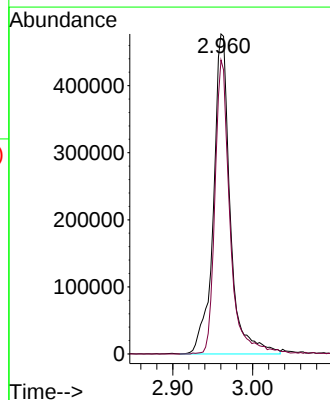
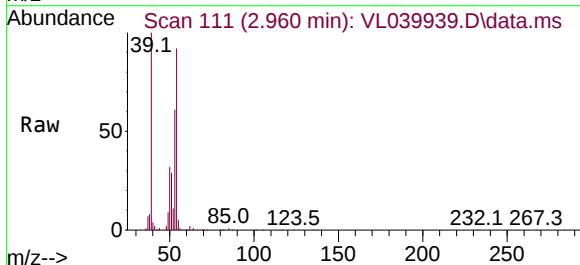
Instrument :
MSVOA_L
ClientSampleId :
VL1201ABS02

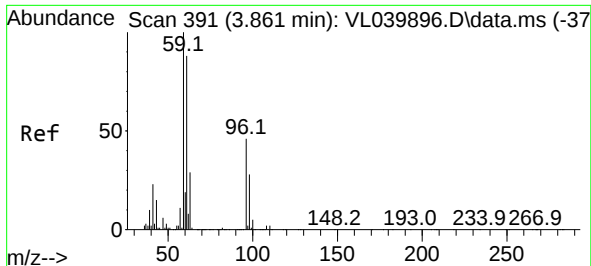
Tgt Ion: 43 Resp: 1306258
Ion Ratio Lower Upper
43 100
58 27.9 22.9 34.3



#16
1,3-Butadiene
Concen: 9.411 ppbv
RT: 2.960 min Scan# 111
Delta R.T. -0.003 min
Lab File: VL039939.D
Acq: 1 Dec 2022 12:56

Tgt Ion: 39 Resp: 697814
Ion Ratio Lower Upper
39 100
54 82.7 66.6 99.8





#17

tert-Butyl alcohol

Concen: 8.533 ppbv

RT: 3.854 min Scan# 391

Delta R.T. -0.003 min

Lab File: VL039939.D

Acq: 1 Dec 2022 12:56

Instrument :

MSVOA_L

ClientSampleId :

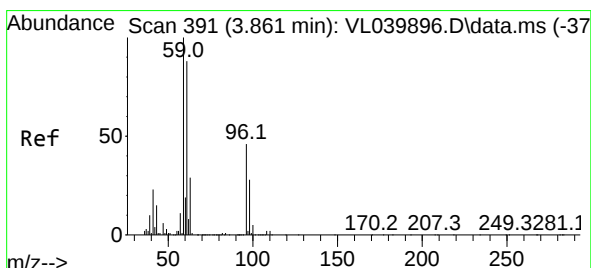
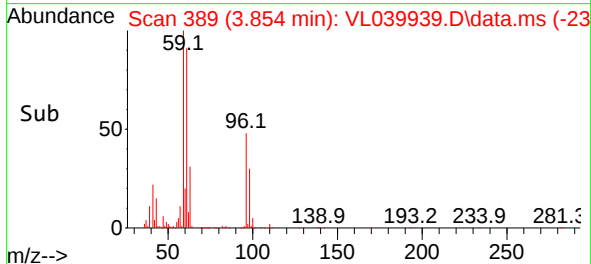
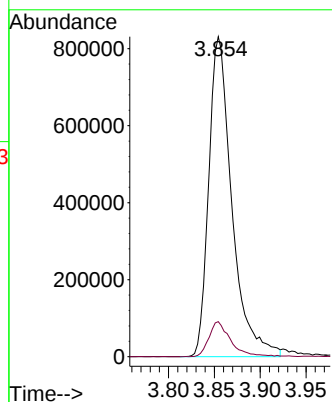
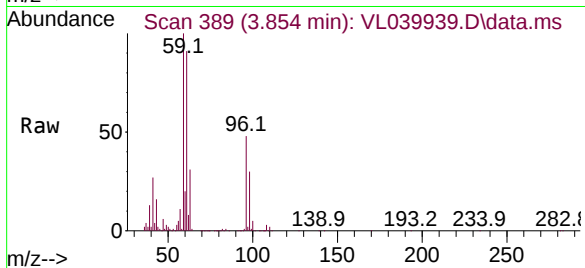
VL1201ABS02

Tgt Ion: 59 Resp: 1459622

Ion Ratio Lower Upper

59 100

57 10.7 8.3 12.5



#18

1,1-Dichloroethene

Concen: 9.273 ppbv

RT: 3.857 min Scan# 390

Delta R.T. -0.003 min

Lab File: VL039939.D

Acq: 1 Dec 2022 12:56

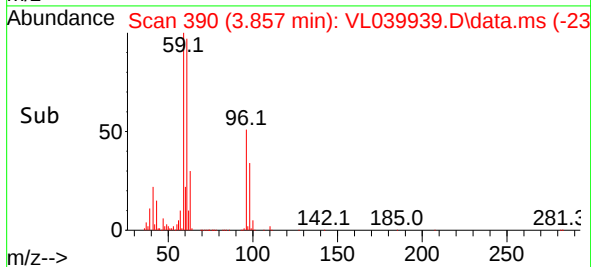
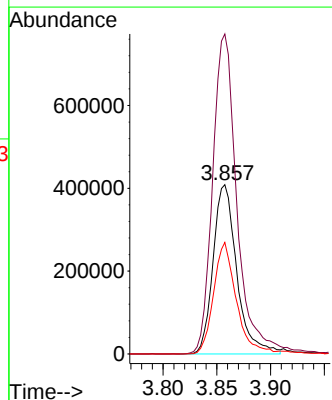
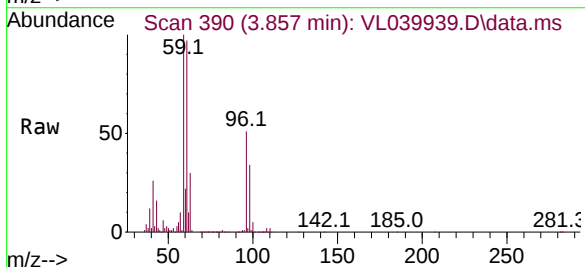
Tgt Ion: 96 Resp: 627311

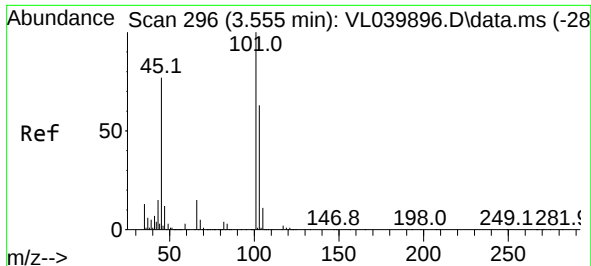
Ion Ratio Lower Upper

96 100

61 189.0 153.4 230.2

98 65.9 48.9 73.3

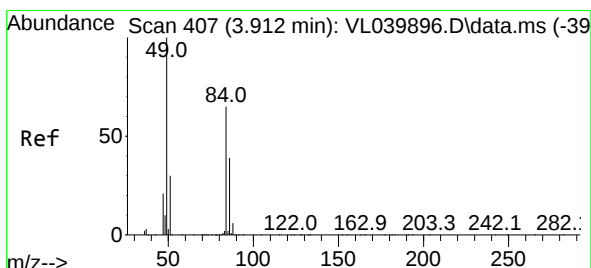
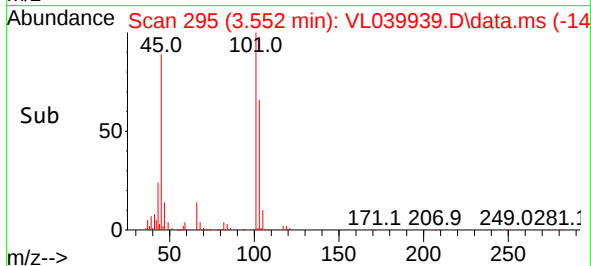
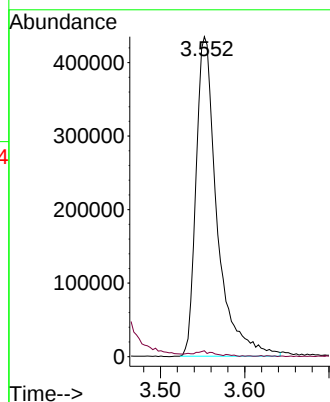
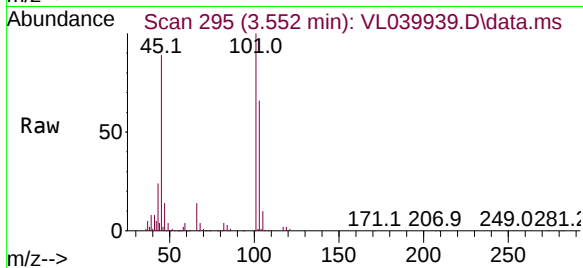




#19
Isopropyl Alcohol
Concen: 9.358 ppbv
RT: 3.552 min Scan# 296
Delta R.T. -0.003 min
Lab File: VL039939.D
Acq: 1 Dec 2022 12:56

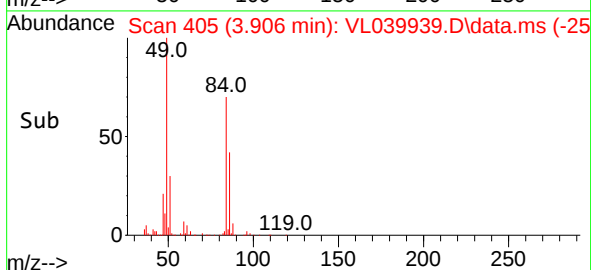
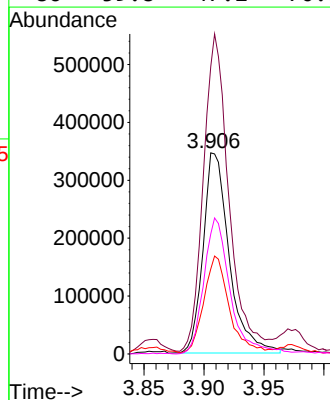
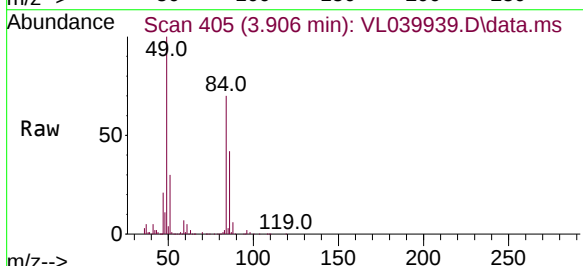
Instrument :
MSVOA_L
ClientSampleId :
VL1201ABS02

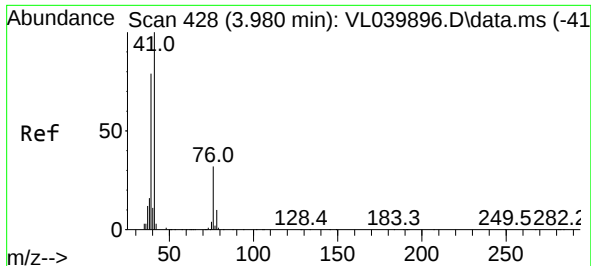
Tgt Ion: 45 Resp: 753858
Ion Ratio Lower Upper
45 100
58 2.0 38.7 58.1#



#20
Methylene Chloride
Concen: 7.282 ppbv
RT: 3.906 min Scan# 405
Delta R.T. -0.006 min
Lab File: VL039939.D
Acq: 1 Dec 2022 12:56

Tgt Ion: 84 Resp: 524888
Ion Ratio Lower Upper
84 100
49 142.2 122.2 183.4
51 41.9 36.3 54.5
86 59.8 47.2 70.8

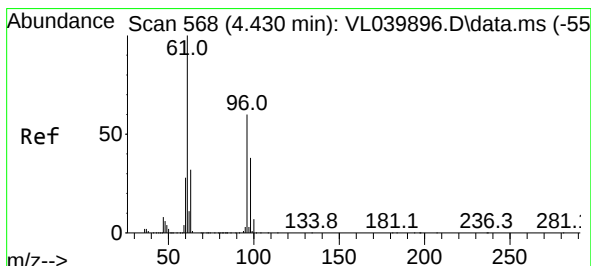
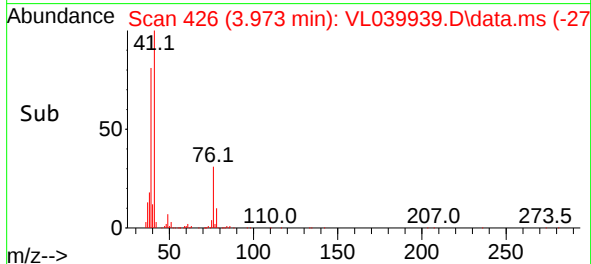
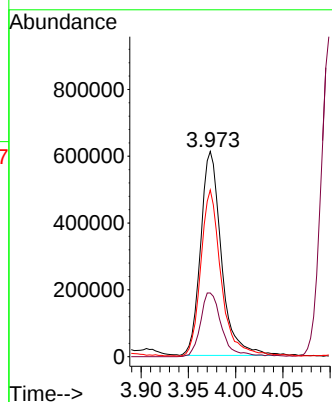
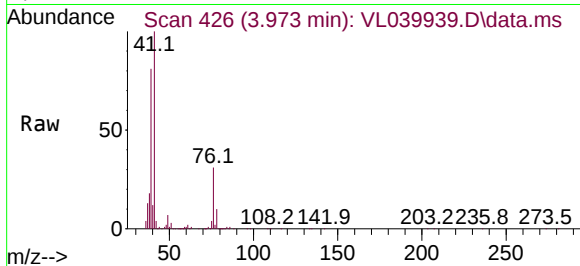




#21
 Allyl Chloride
 Concen: 9.054 ppbv
 RT: 3.973 min Scan# 41
 Delta R.T. -0.003 min
 Lab File: VL039939.D
 Acq: 1 Dec 2022 12:56

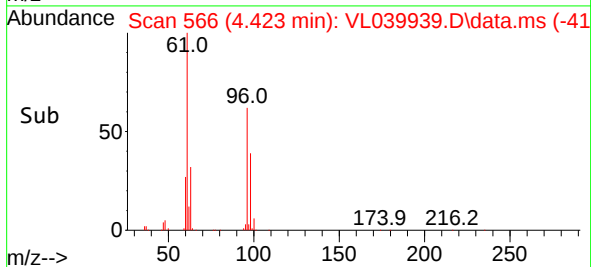
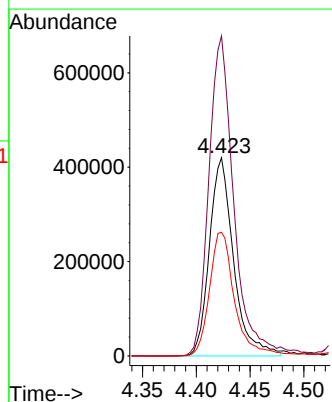
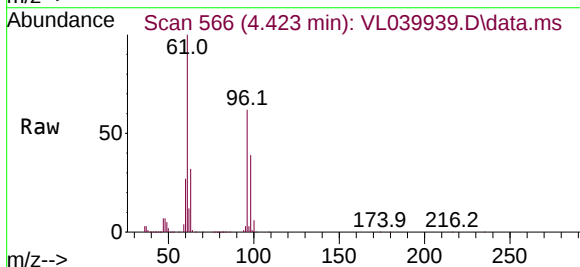
Instrument :
 MSVOA_L
 ClientSampleId :
 VL1201ABS02

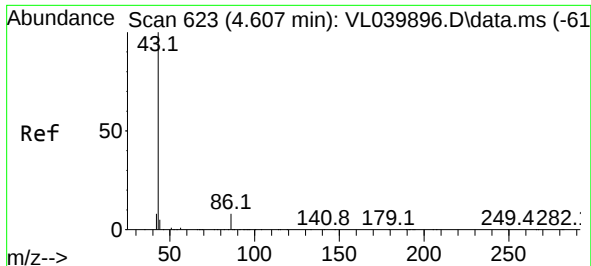
Tgt Ion: 41 Resp: 934423
 Ion Ratio Lower Upper
 41 100
 76 32.2 25.6 38.4
 39 80.4 65.2 97.8



#22
 trans-1,2-Dichloroethene
 Concen: 9.559 ppbv
 RT: 4.423 min Scan# 566
 Delta R.T. -0.003 min
 Lab File: VL039939.D
 Acq: 1 Dec 2022 12:56

Tgt Ion: 96 Resp: 657663
 Ion Ratio Lower Upper
 96 100
 61 161.2 134.1 201.1
 98 62.3 50.4 75.6



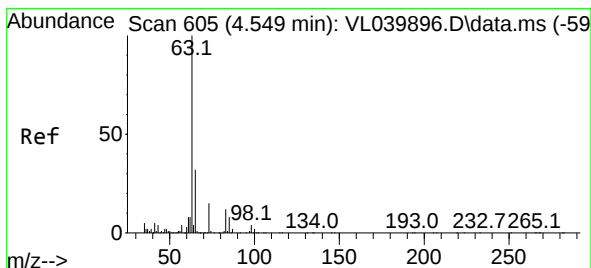
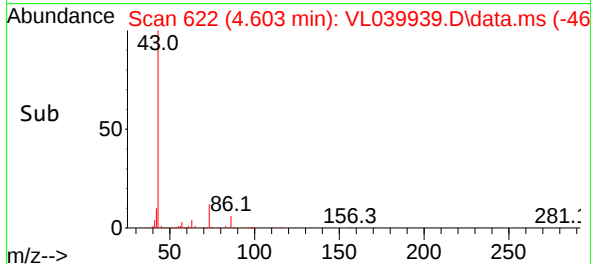
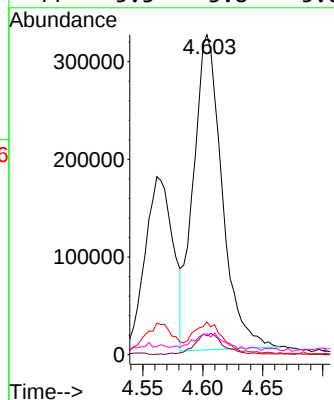
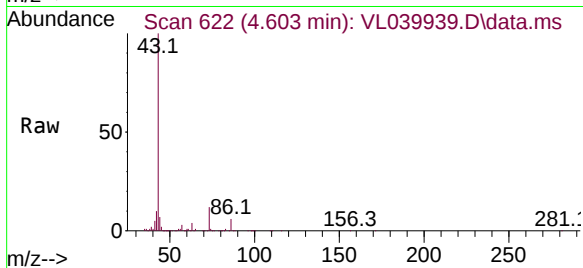


#23
 Vinyl Acetate
 Concen: 8.785 ppbv
 RT: 4.603 min Scan# 61
 Delta R.T. -0.003 min
 Lab File: VL039939.D
 Acq: 1 Dec 2022 12:56

Instrument :
 MSVOA_1
 ClientSampleId :
 VL1201ABS02

Tgt Ion: 43 Resp: 536995

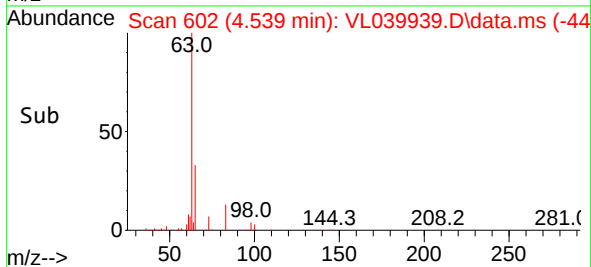
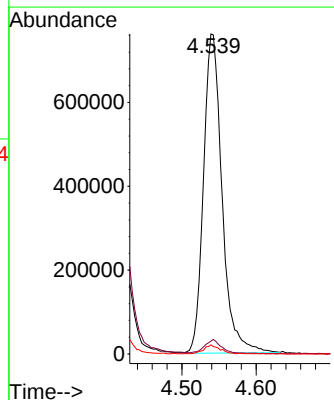
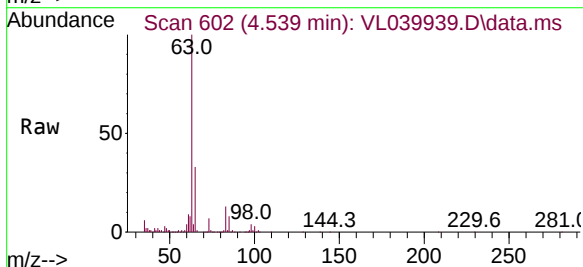
Ion	Ratio	Lower	Upper
43	100		
86	5.8	5.0	7.4
42	9.8	7.6	11.4
44	5.3	3.8	5.6

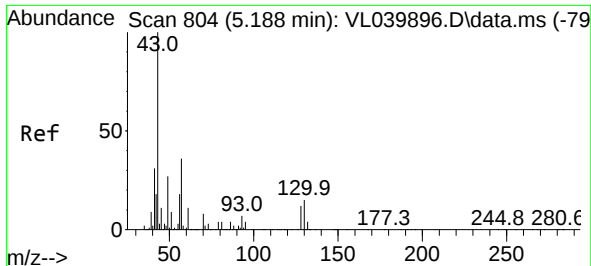


#24
 1,1-Dichloroethane
 Concen: 8.963 ppbv
 RT: 4.539 min Scan# 602
 Delta R.T. -0.003 min
 Lab File: VL039939.D
 Acq: 1 Dec 2022 12:56

Tgt Ion: 63 Resp: 1320944

Ion	Ratio	Lower	Upper
63	100		
98	3.9	2.1	6.5
100	2.8	1.1	3.5



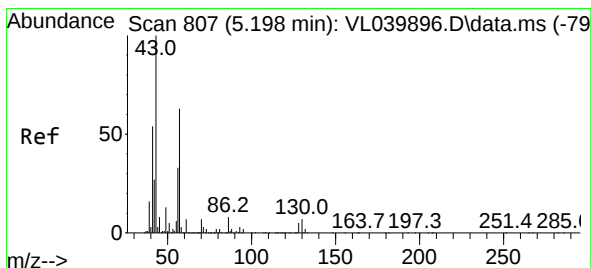
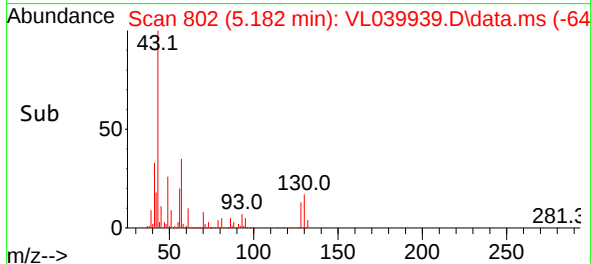
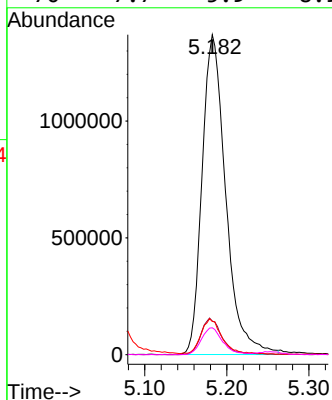
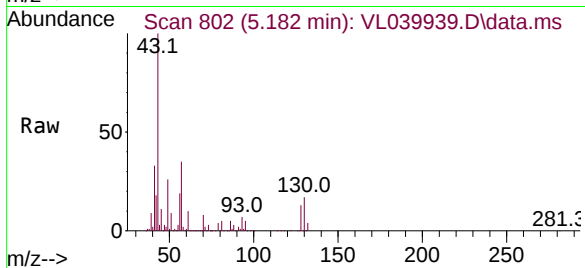


#25
Ethyl Acetate
Concen: 10.010 ppbv
RT: 5.182 min Scan# 804
Delta R.T. -0.003 min
Lab File: VL039939.D
Acq: 1 Dec 2022 12:56

Instrument :
MSVOA_L
ClientSampleId :
VL1201ABS02

Tgt Ion: 43 Resp: 2734524

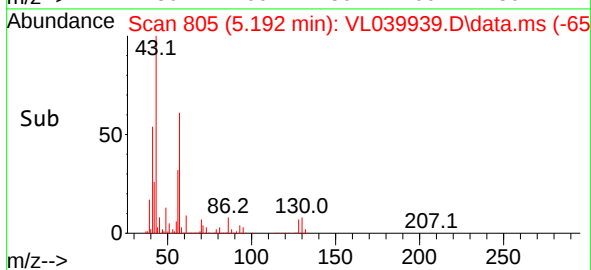
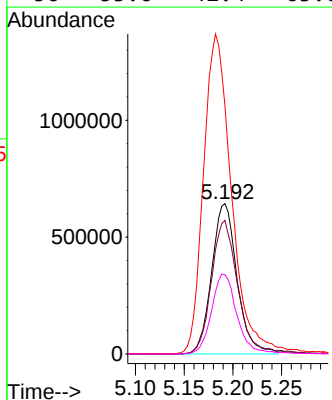
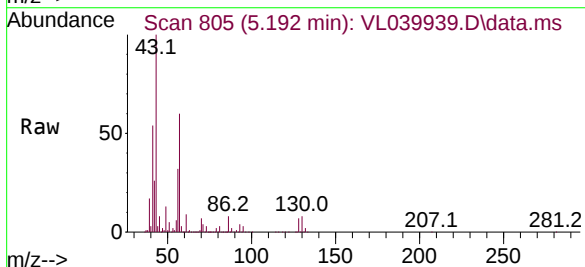
Ion	Ratio	Lower	Upper
43	100		
45	10.6	8.4	12.6
61	10.2	8.5	12.7
70	7.7	5.9	8.9

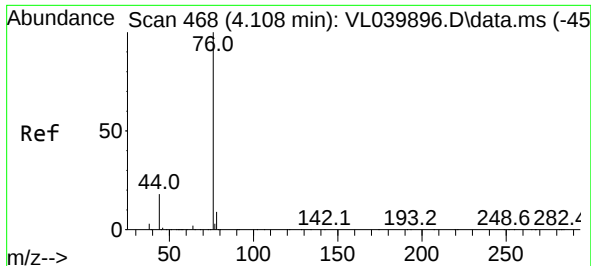


#26
Hexane
Concen: 9.784 ppbv
RT: 5.192 min Scan# 805
Delta R.T. -0.003 min
Lab File: VL039939.D
Acq: 1 Dec 2022 12:56

Tgt Ion: 57 Resp: 1167515

Ion	Ratio	Lower	Upper
57	100		
41	92.8	72.3	108.5
43	237.2	188.7	283.1
56	53.6	42.4	63.6

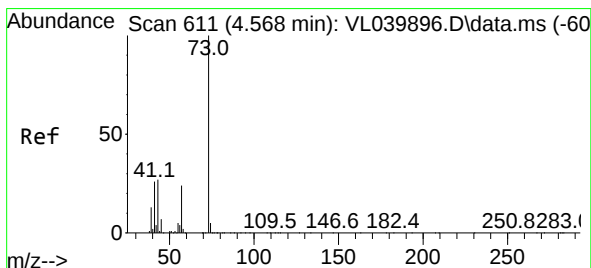
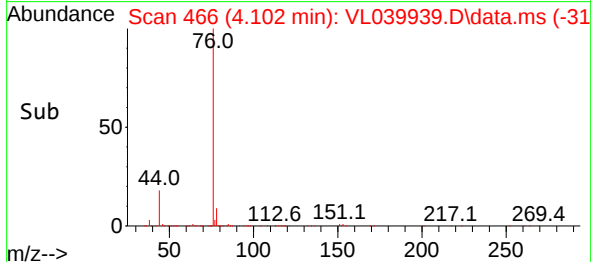
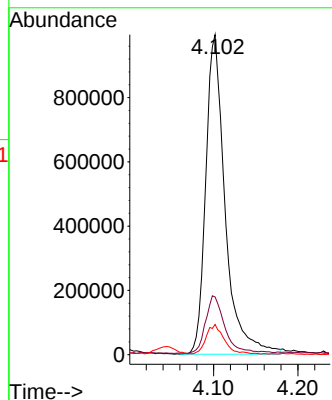
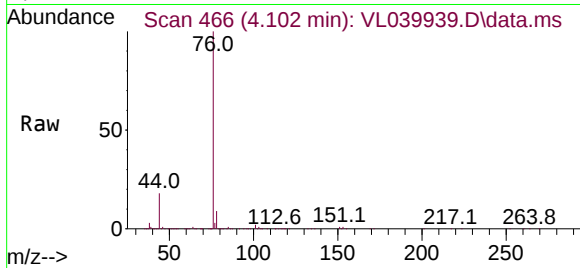




#27
Carbon Disulfide
Concen: 10.574 ppbv
RT: 4.102 min Scan# 409
Delta R.T. -0.003 min
Lab File: VL039939.D
Acq: 1 Dec 2022 12:56

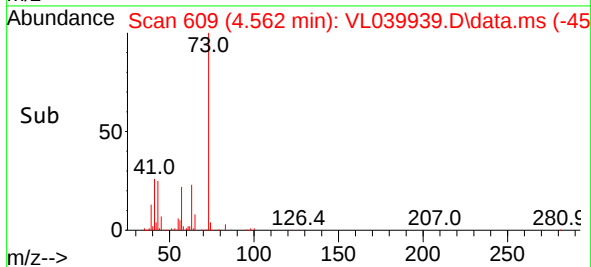
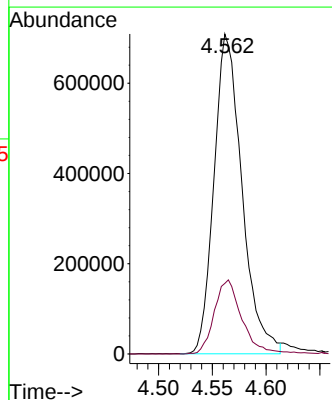
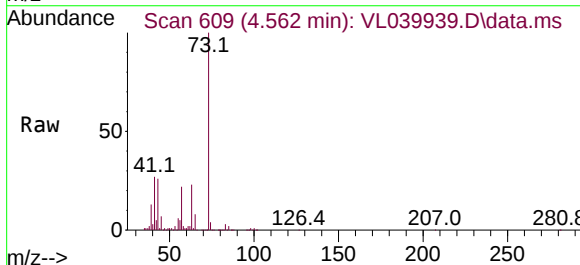
Instrument :
MSVOA_1
ClientSampleId :
VL1201ABS02

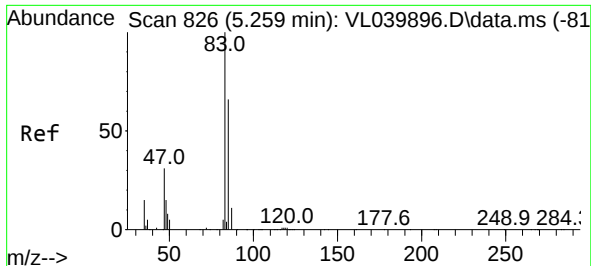
Tgt Ion: 76 Resp: 1593103
Ion Ratio Lower Upper
76 100
44 18.3 14.7 22.1
78 9.2 7.8 11.8



#28
Methyl tert-Butyl Ether
Concen: 8.578 ppbv
RT: 4.562 min Scan# 609
Delta R.T. -0.003 min
Lab File: VL039939.D
Acq: 1 Dec 2022 12:56

Tgt Ion: 73 Resp: 1281631
Ion Ratio Lower Upper
73 100
57 23.2 18.9 28.3





#29

Chloroform

Concen: 12.155 ppbv

RT: 5.253 min Scan# 81

Delta R.T. -0.003 min

Lab File: VL039939.D

Acq: 1 Dec 2022 12:56

Instrument :

MSVOA_L

ClientSampleId :

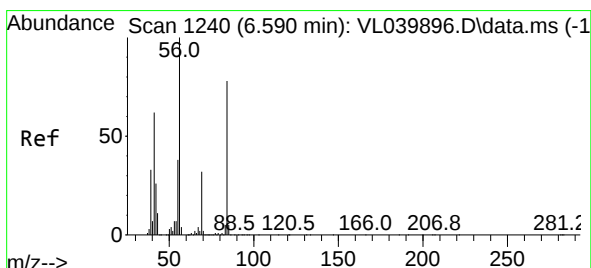
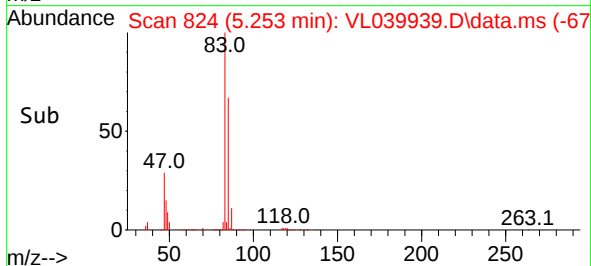
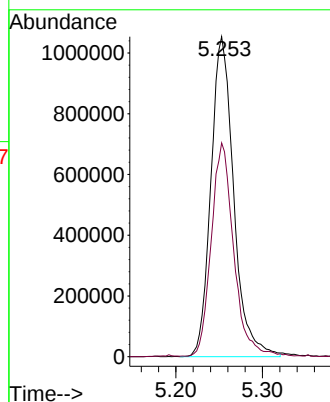
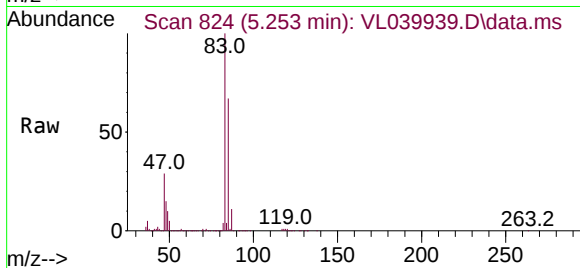
VL1201ABS02

Tgt Ion: 83 Resp: 1927598

Ion Ratio Lower Upper

83 100

85 66.7 52.4 78.6



#30

Cyclohexane

Concen: 8.851 ppbv

RT: 6.581 min Scan# 1237

Delta R.T. -0.003 min

Lab File: VL039939.D

Acq: 1 Dec 2022 12:56

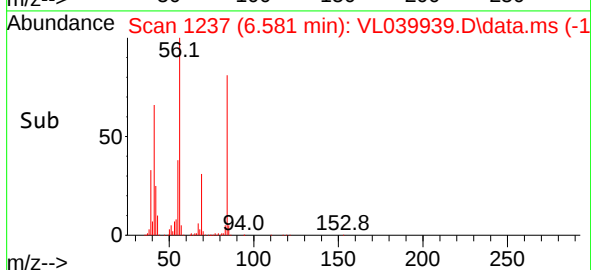
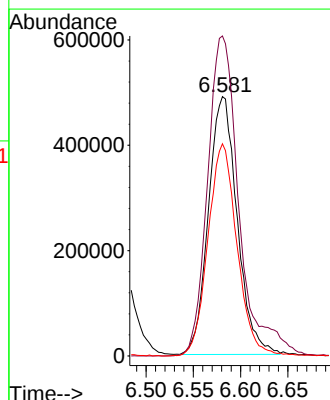
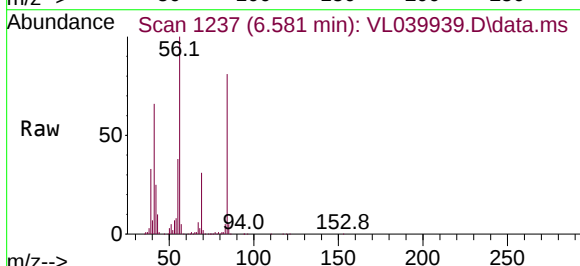
Tgt Ion: 84 Resp: 1036573

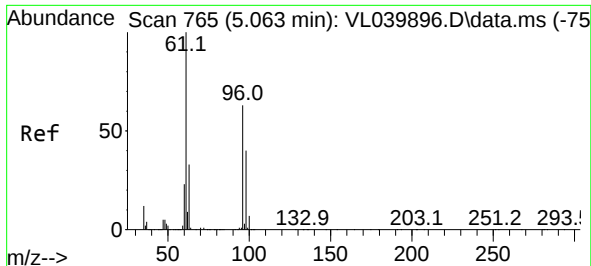
Ion Ratio Lower Upper

84 100

56 136.5 112.5 168.7

41 83.2 67.8 101.8



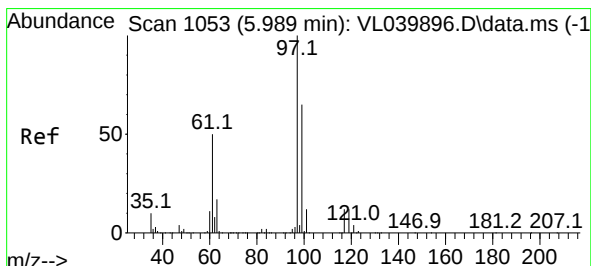
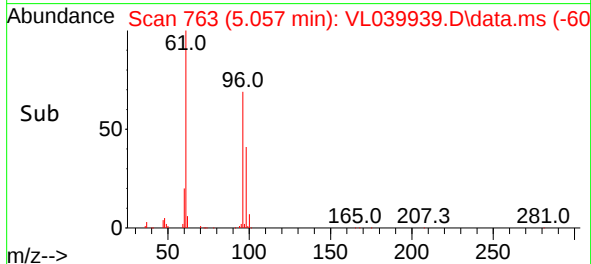
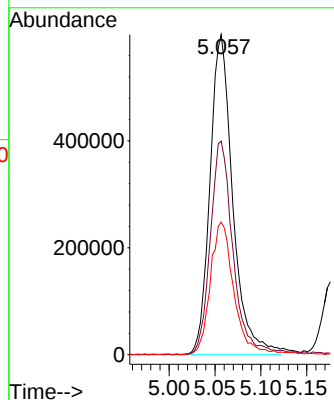
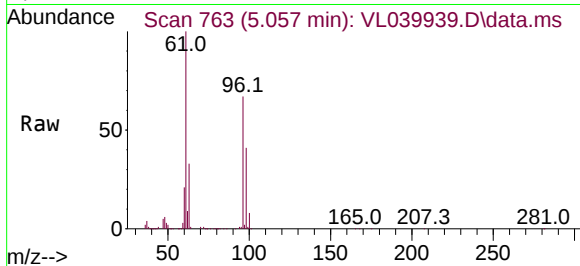


#31
 cis-1,2-Dichloroethene
 Concen: 9.389 ppbv
 RT: 5.057 min Scan# 765
 Delta R.T. -0.000 min
 Lab File: VL039939.D
 Acq: 1 Dec 2022 12:56

Instrument :
 MSVOA_1
 ClientSampleId :
 VL1201ABS02

Tgt Ion: 61 Resp: 1035108

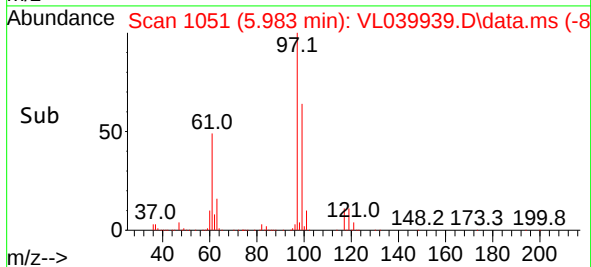
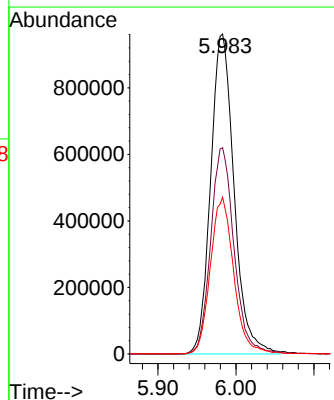
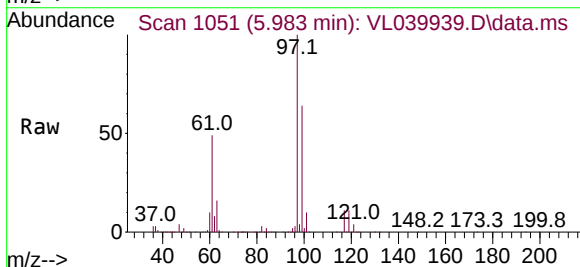
Ion	Ratio	Lower	Upper
61	100		
96	66.6	50.3	75.5
98	41.4	32.2	48.2

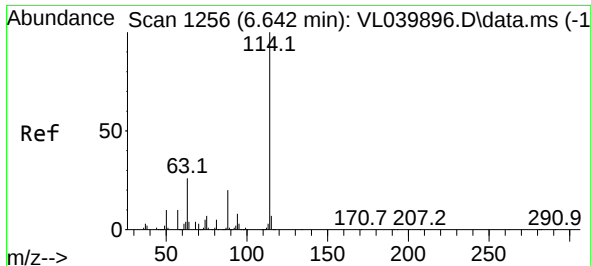


#32
 1,1,1-Trichloroethane
 Concen: 10.135 ppbv
 RT: 5.983 min Scan# 1051
 Delta R.T. -0.000 min
 Lab File: VL039939.D
 Acq: 1 Dec 2022 12:56

Tgt Ion: 97 Resp: 2007267

Ion	Ratio	Lower	Upper
97	100		
99	64.6	51.4	77.0
61	48.9	40.7	61.1





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.632 min Scan# 1

Delta R.T. -0.003 min

Lab File: VL039939.D

Acq: 1 Dec 2022 12:56

Instrument :

MSVOA_L

ClientSampleId :

VL1201ABS02

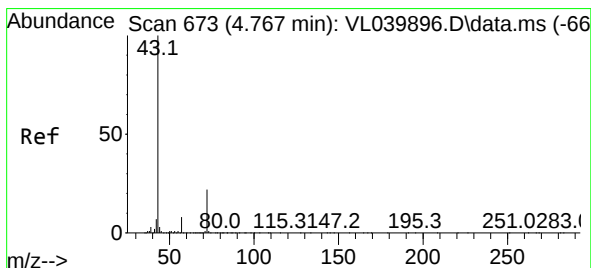
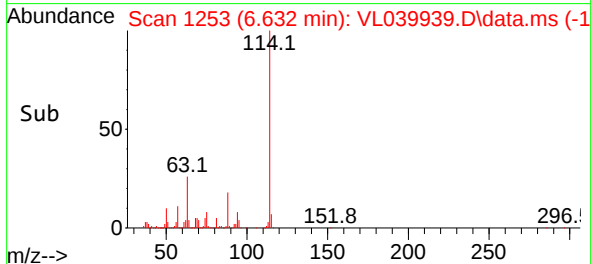
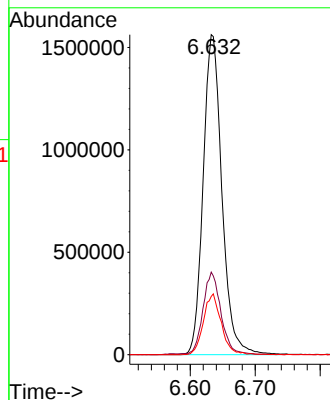
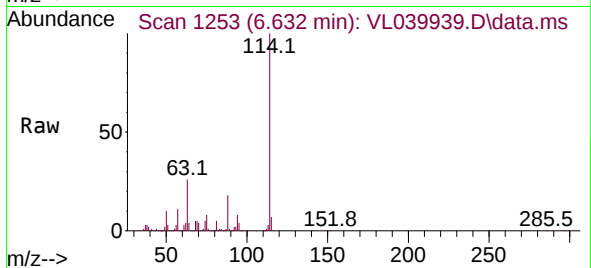
Tgt Ion:114 Resp: 3145190

Ion Ratio Lower Upper

114 100

63 25.1 21.4 32.0

88 18.1 15.3 22.9



#34

2-Butanone

Concen: 9.755 ppbv

RT: 4.764 min Scan# 672

Delta R.T. -0.003 min

Lab File: VL039939.D

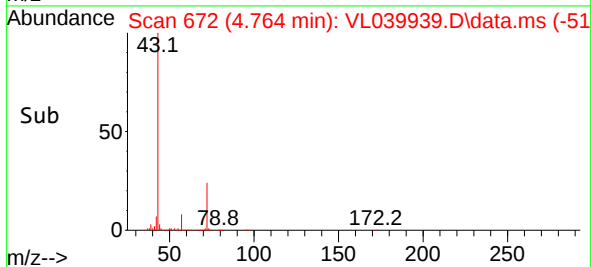
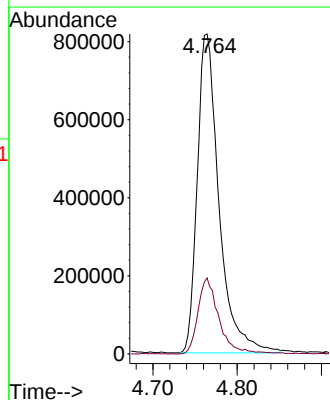
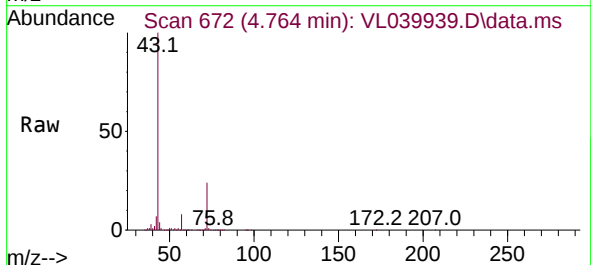
Acq: 1 Dec 2022 12:56

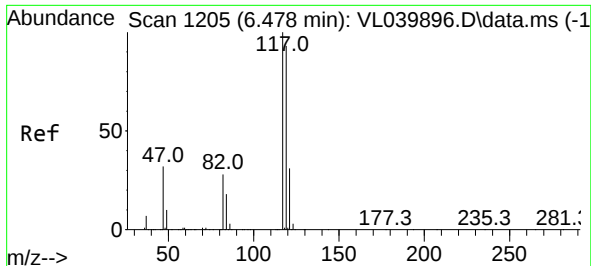
Tgt Ion: 43 Resp: 1468108

Ion Ratio Lower Upper

43 100

72 23.3 17.4 26.2

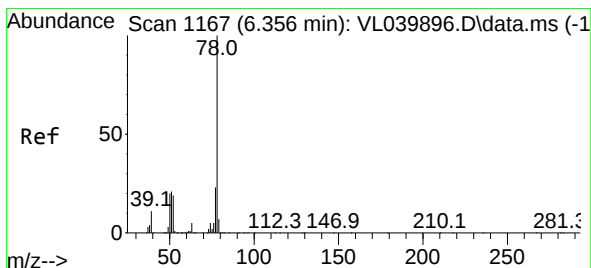
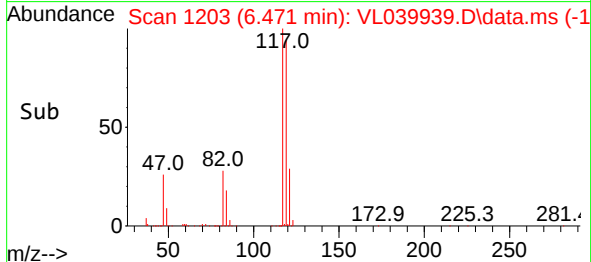
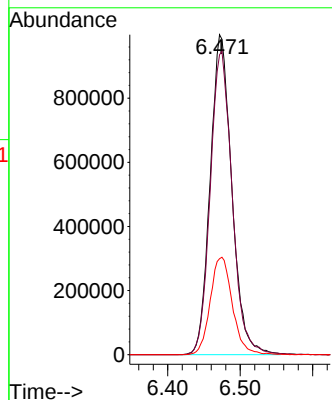
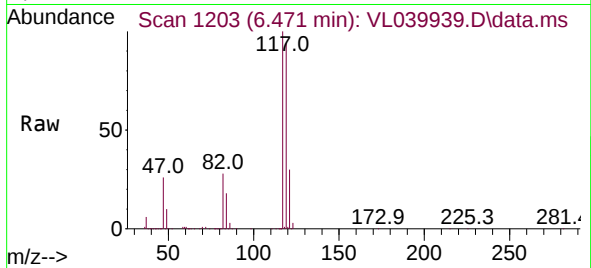




#35
Carbon Tetrachloride
Concen: 11.577 ppbv
RT: 6.471 min Scan# 1165
Delta R.T. -0.006 min
Lab File: VL039939.D
Acq: 1 Dec 2022 12:56

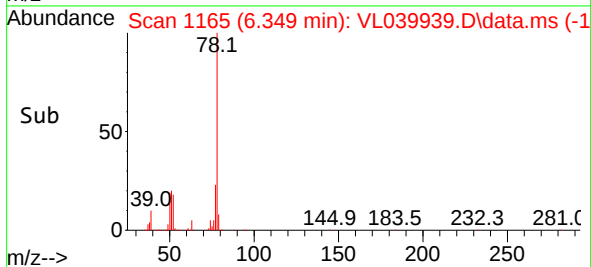
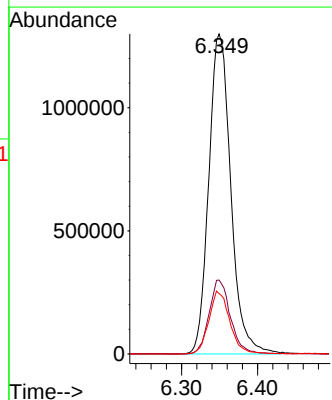
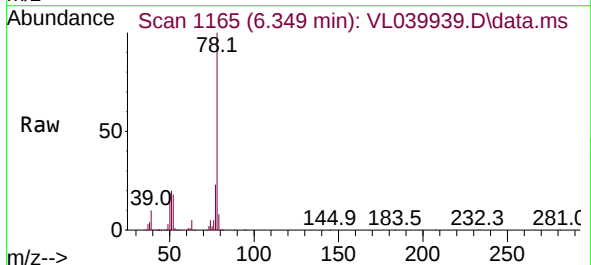
Instrument :
MSVOA_L
ClientSampleId :
VL1201ABS02

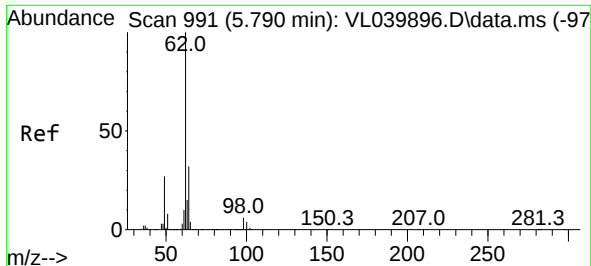
Tgt Ion:117 Resp: 2067910
Ion Ratio Lower Upper
117 100
119 93.7 74.7 112.1
121 30.0 24.5 36.7



#36
Benzene
Concen: 9.795 ppbv
RT: 6.349 min Scan# 1165
Delta R.T. -0.003 min
Lab File: VL039939.D
Acq: 1 Dec 2022 12:56

Tgt Ion: 78 Resp: 2618597
Ion Ratio Lower Upper
78 100
77 23.0 18.2 27.2
50 18.9 15.8 23.8





#37

1,2-Dichloroethane

Concen: 10.398 ppbv

RT: 5.783 min Scan# 91

Delta R.T. -0.003 min

Lab File: VL039939.D

Acq: 1 Dec 2022 12:56

Instrument :

MSVOA_L

ClientSampleId :

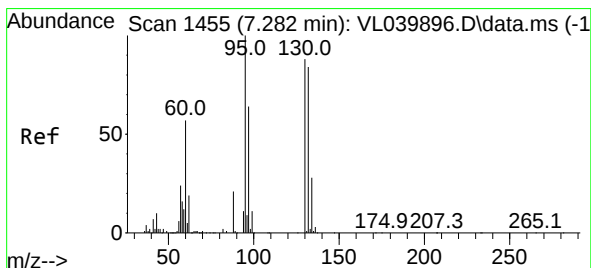
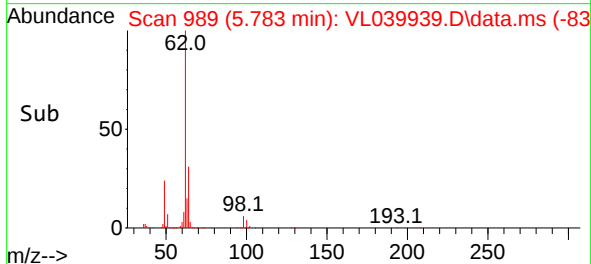
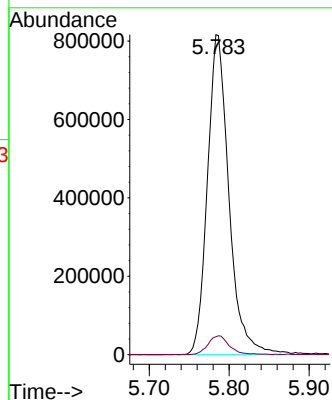
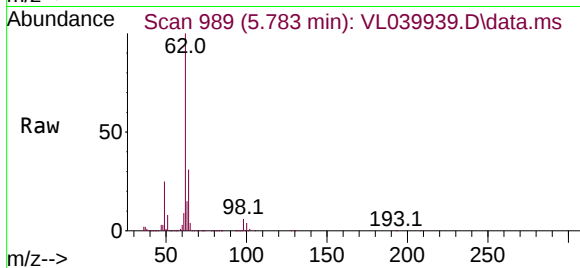
VL1201ABS02

Tgt Ion: 62 Resp: 1523294

Ion Ratio Lower Upper

62 100

98 6.0 5.0 7.6



#38

Trichloroethene

Concen: 10.035 ppbv

RT: 7.272 min Scan# 1452

Delta R.T. -0.003 min

Lab File: VL039939.D

Acq: 1 Dec 2022 12:56

Tgt Ion:130 Resp: 1499679

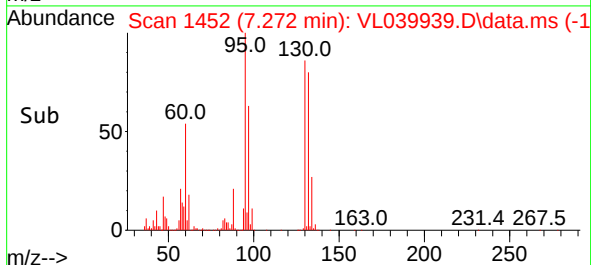
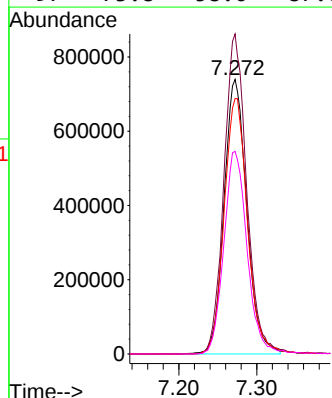
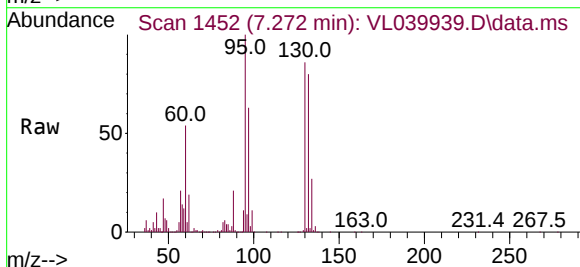
Ion Ratio Lower Upper

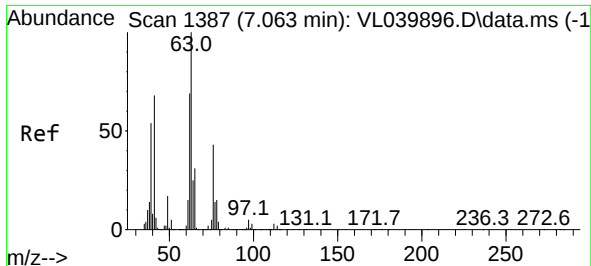
130 100

95 116.6 90.6 135.8

132 93.0 76.2 114.4

97 73.8 58.0 87.0





#39

1,2-Dichloropropane

Concen: 9.539 ppbv

RT: 7.053 min Scan# 11

Delta R.T. -0.003 min

Lab File: VL039939.D

Acq: 1 Dec 2022 12:56

Instrument :

MSVOA_L

ClientSampleId :

VL1201ABS02

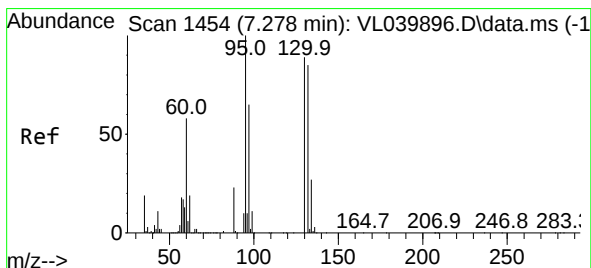
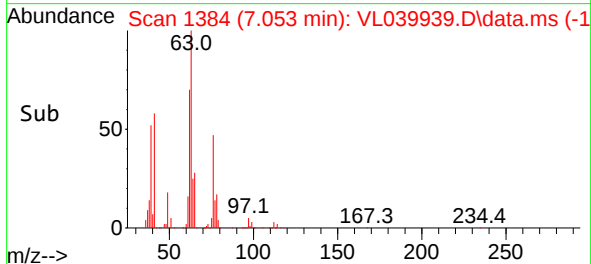
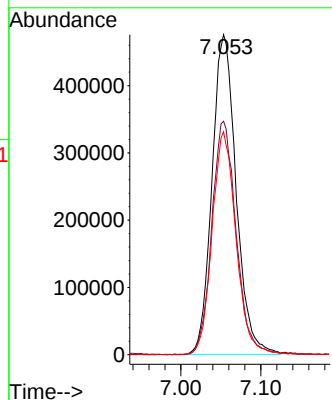
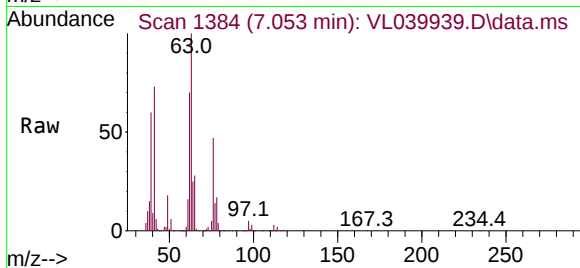
Tgt Ion: 63 Resp: 993519

Ion Ratio Lower Upper

63 100

41 72.9 54.7 82.1

62 69.7 55.0 82.6



#40

1,4-Dioxane

Concen: 10.514 ppbv

RT: 7.266 min Scan# 1450

Delta R.T. -0.006 min

Lab File: VL039939.D

Acq: 1 Dec 2022 12:56

Tgt Ion: 88 Resp: 436268

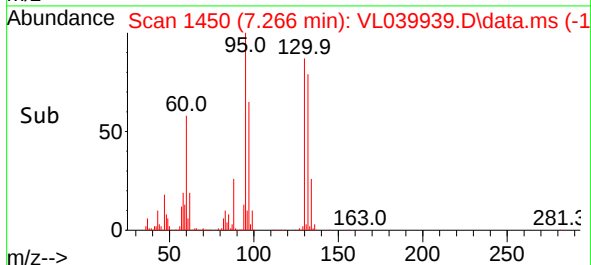
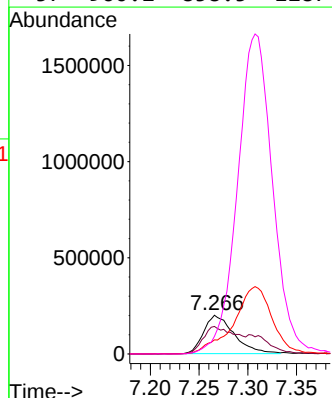
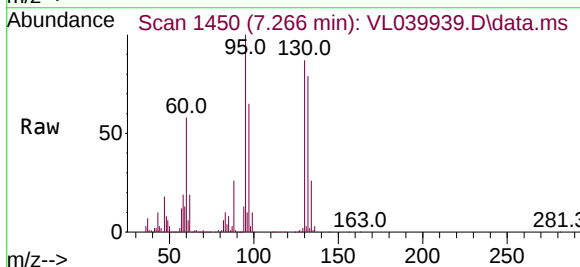
Ion Ratio Lower Upper

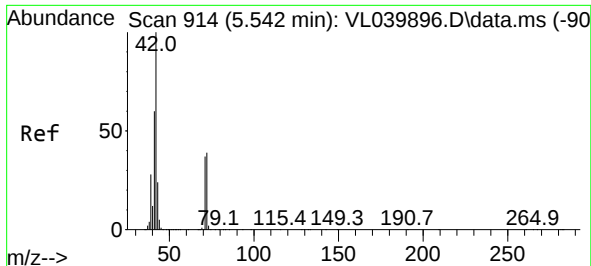
88 100

58 115.4 100.5 150.7

43 221.5 195.8 293.8

57 960.2 858.5 1287.7





#41

Tetrahydrofuran

Concen: 9.843 ppbv

RT: 5.533 min Scan# 914

Delta R.T. -0.006 min

Lab File: VL039939.D

Acq: 1 Dec 2022 12:56

Instrument :

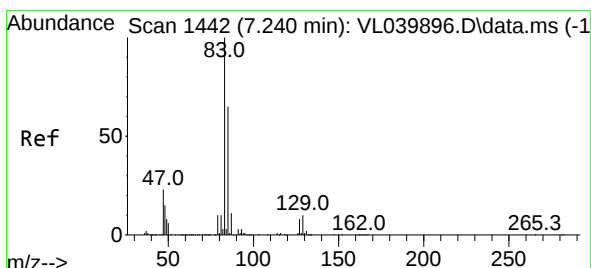
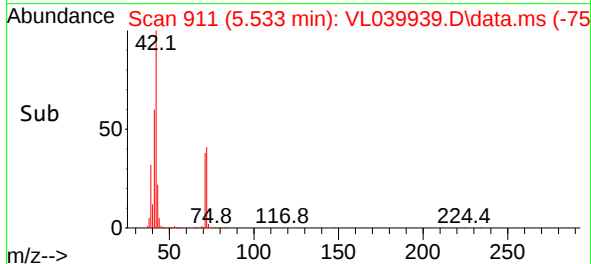
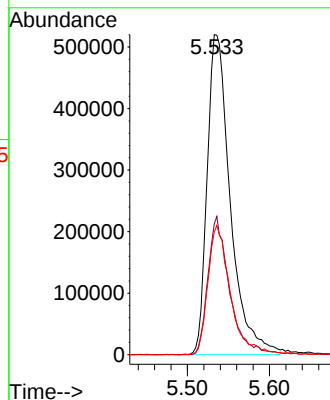
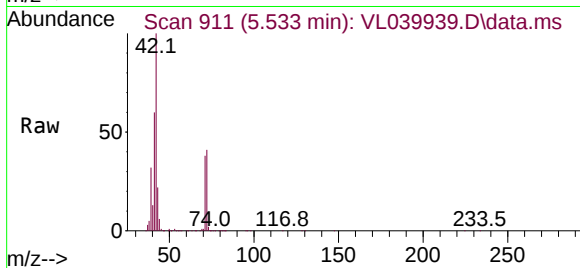
MSVOA_L

ClientSampleId :

VL1201ABS02

Tgt Ion: 42 Resp: 1022688

Ion	Ratio	Lower	Upper
42	100		
72	40.4	31.6	47.4
71	39.6	31.2	46.8



#42

Bromodichloromethane

Concen: 11.057 ppbv

RT: 7.230 min Scan# 1439

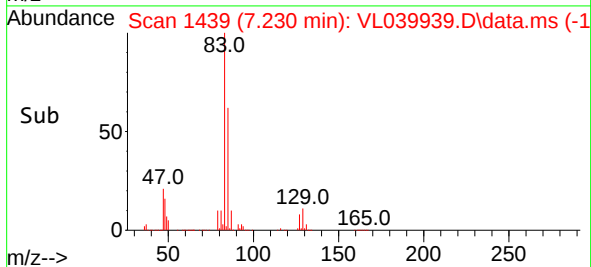
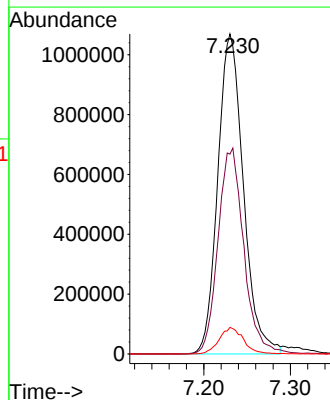
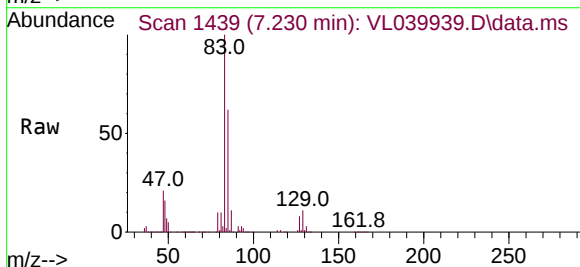
Delta R.T. -0.003 min

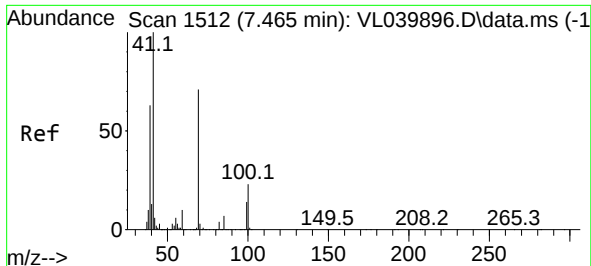
Lab File: VL039939.D

Acq: 1 Dec 2022 12:56

Tgt Ion: 83 Resp: 2196930

Ion	Ratio	Lower	Upper
83	100		
85	62.5	52.0	78.0
127	8.3	6.5	9.7



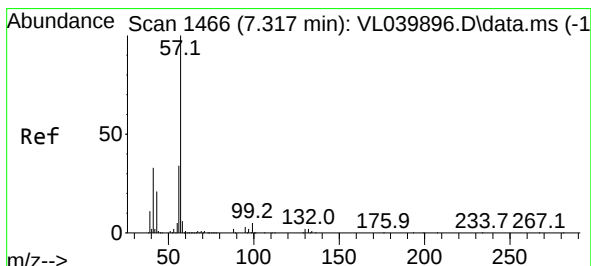
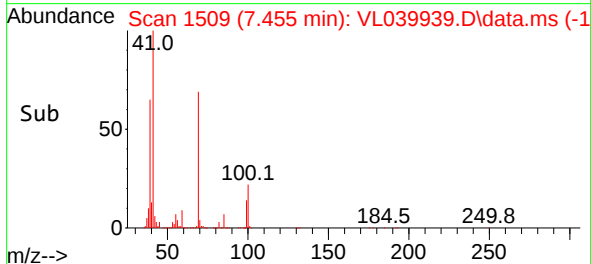
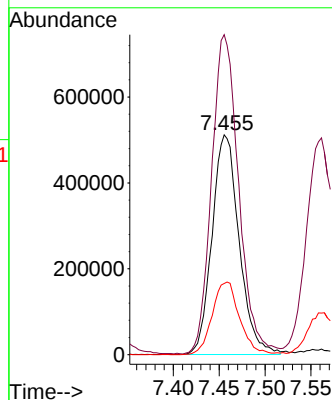
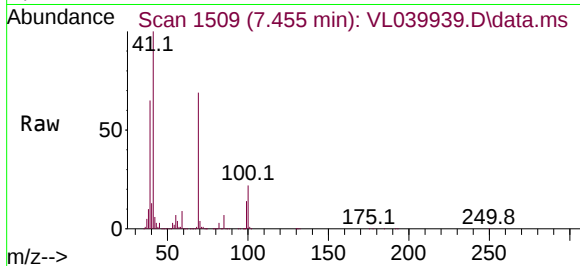


#43
Methyl Methacrylate
Concen: 10.027 ppbv
RT: 7.455 min Scan# 1509
Delta R.T. -0.003 min
Lab File: VL039939.D
Acq: 1 Dec 2022 12:56

Instrument :
MSVOA_L
ClientSampleId :
VL1201ABS02

Tgt Ion: 69 Resp: 1050983

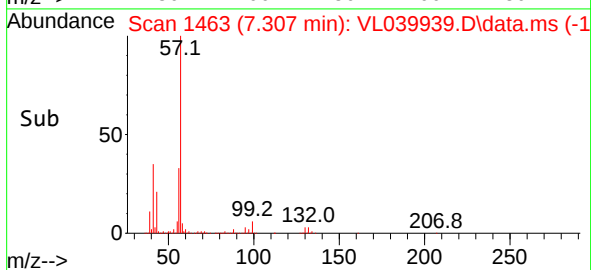
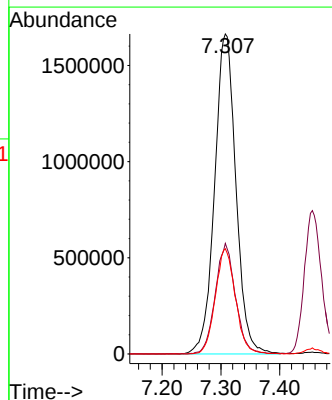
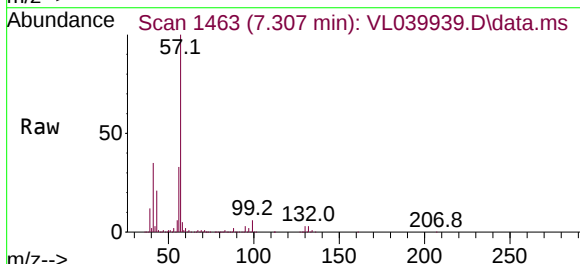
Ion	Ratio	Lower	Upper
69	100		
41	145.6	116.4	174.6
100	33.7	26.8	40.2

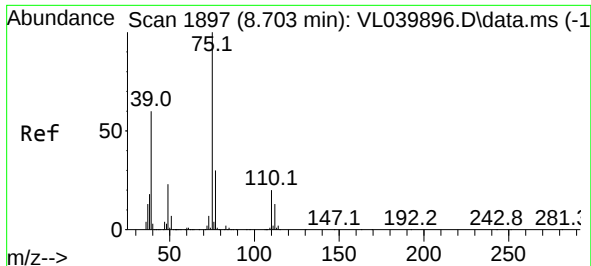


#44
2,2,4-Trimethylpentane
Concen: 9.379 ppbv
RT: 7.307 min Scan# 1463
Delta R.T. -0.003 min
Lab File: VL039939.D
Acq: 1 Dec 2022 12:56

Tgt Ion: 57 Resp: 4185689

Ion	Ratio	Lower	Upper
57	100		
41	32.6	26.2	39.2
56	31.2	25.5	38.3





#45

t-1,3-Dichloropropene

Concen: 10.877 ppbv

RT: 8.693 min Scan# 11

Delta R.T. -0.000 min

Lab File: VL039939.D

Acq: 1 Dec 2022 12:56

Instrument :

MSVOA_L

ClientSampleId :

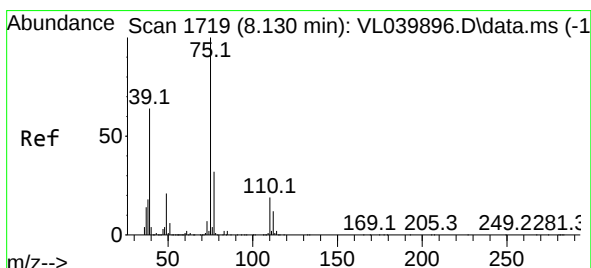
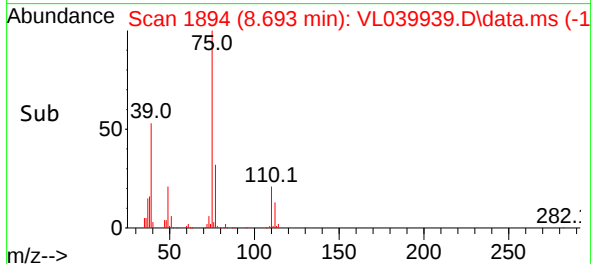
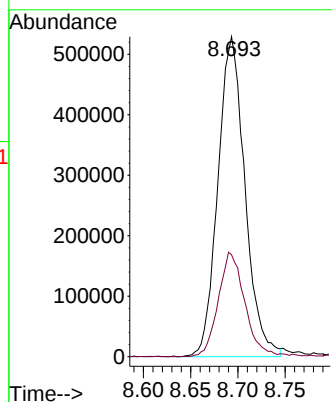
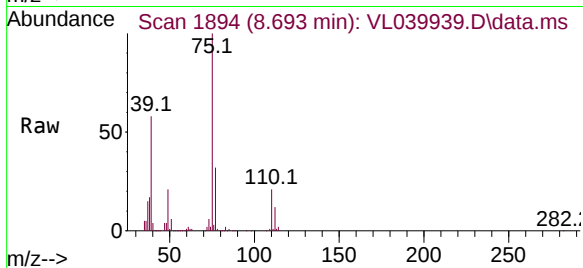
VL1201ABS02

Tgt Ion: 75 Resp: 1053273

Ion Ratio Lower Upper

75 100

77 31.9 24.2 36.4



#46

cis-1,3-Dichloropropene

Concen: 10.307 ppbv

RT: 8.124 min Scan# 1717

Delta R.T. -0.003 min

Lab File: VL039939.D

Acq: 1 Dec 2022 12:56

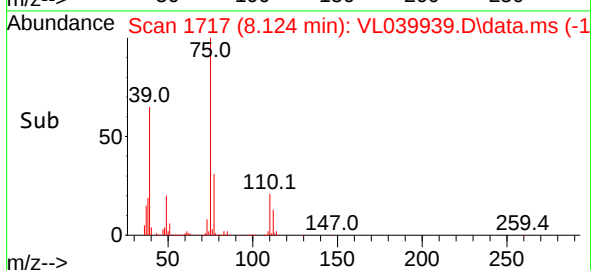
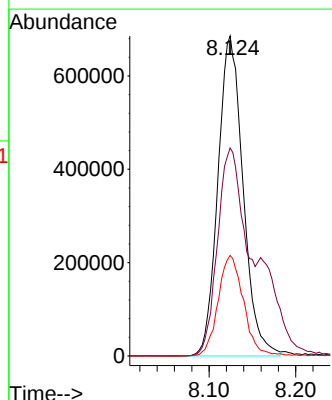
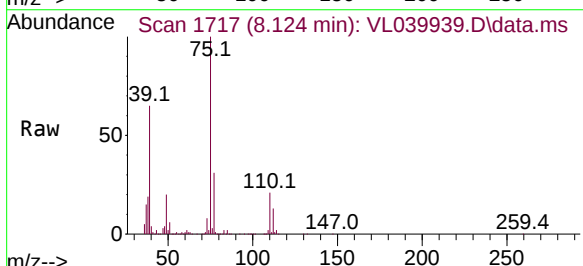
Tgt Ion: 75 Resp: 1382622

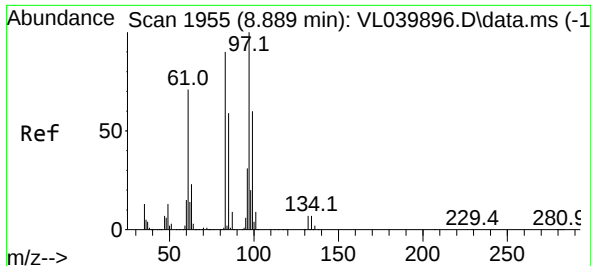
Ion Ratio Lower Upper

75 100

39 65.0 51.0 76.4

77 31.4 25.4 38.0





#47

1,1,2-Trichloroethane

Concen: 10.233 ppbv

RT: 8.880 min Scan# 1955

Delta R.T. -0.003 min

Lab File: VL039939.D

Acq: 1 Dec 2022 12:56

Instrument :

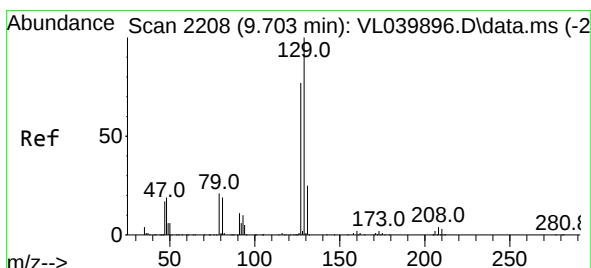
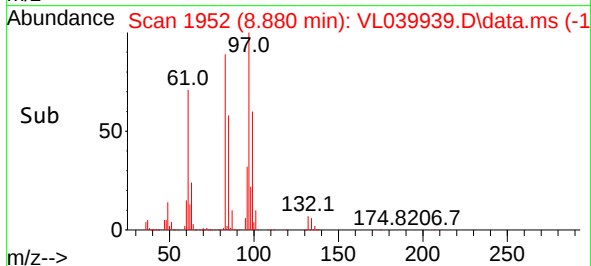
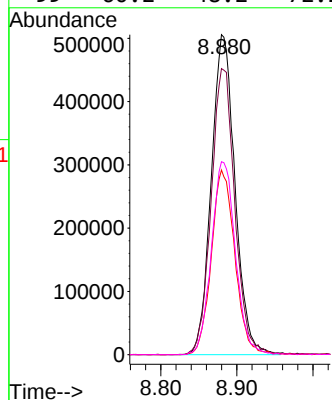
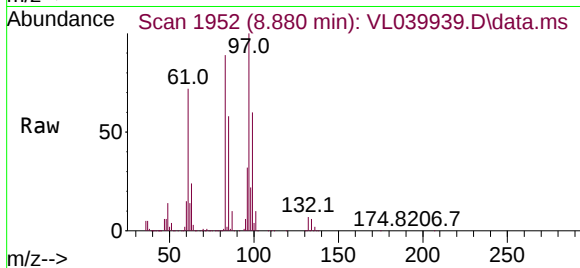
MSVOA_1

ClientSampleId :

VL1201ABS02

Tgt Ion: 97 Resp: 1095370

Ion	Ratio	Lower	Upper
97	100		
83	89.3	72.1	108.1
85	57.7	47.2	70.8
99	60.2	48.2	72.2



#48

Dibromochloromethane

Concen: 11.789 ppbv

RT: 9.693 min Scan# 2205

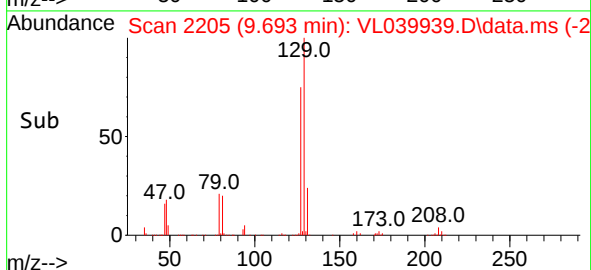
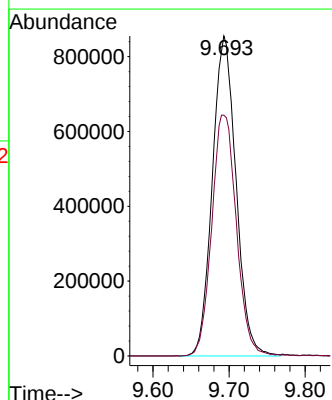
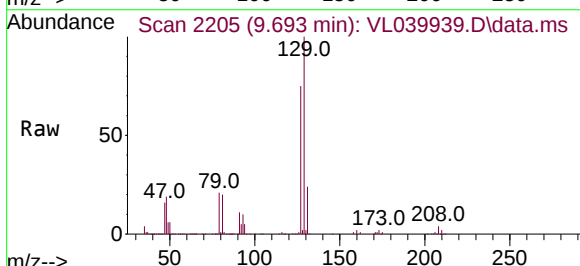
Delta R.T. -0.003 min

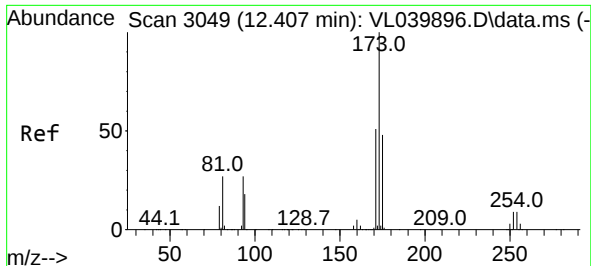
Lab File: VL039939.D

Acq: 1 Dec 2022 12:56

Tgt Ion: 129 Resp: 1848395

Ion	Ratio	Lower	Upper
129	100		
127	78.5	39.1	117.3

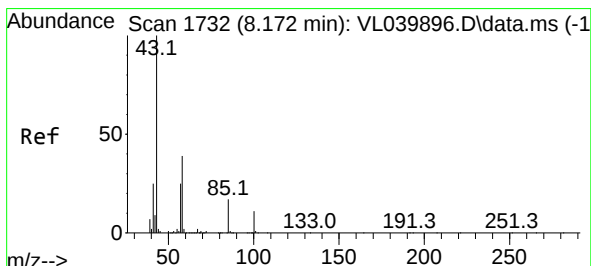
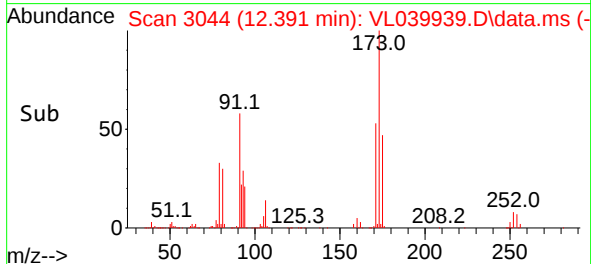
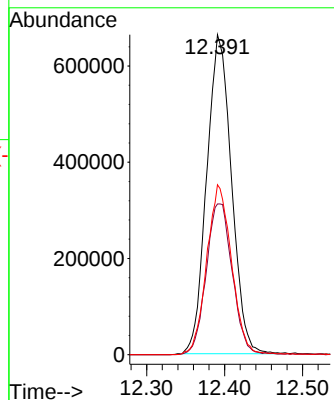
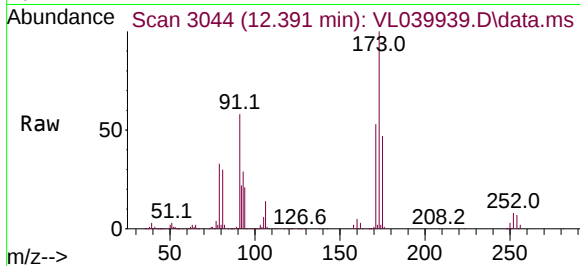




#49
Bromoform
Concen: 11.541 ppbv
RT: 12.391 min Scan# 3049
Delta R.T. -0.006 min
Lab File: VL039939.D
Acq: 1 Dec 2022 12:56

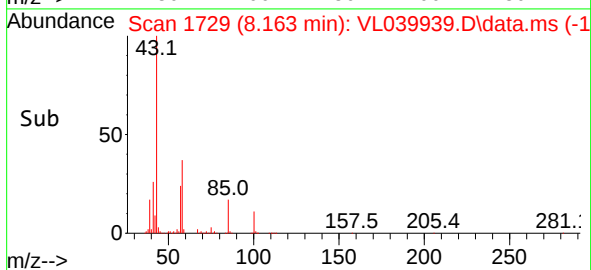
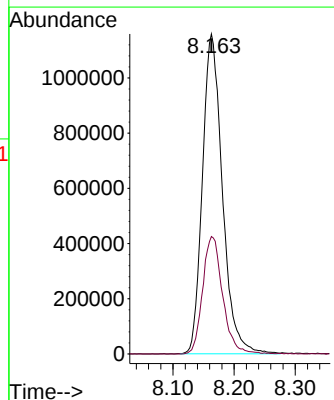
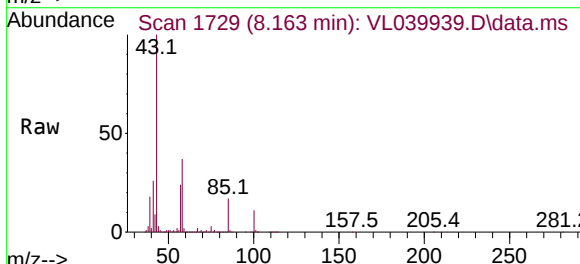
Instrument :
MSVOA_L
ClientSampleId :
VL1201ABS02

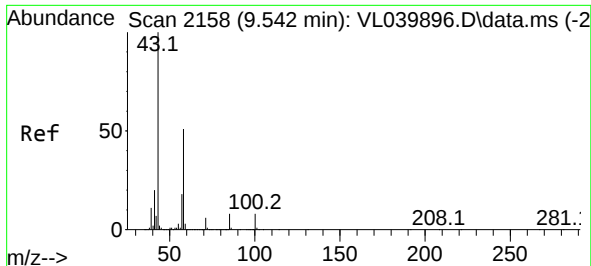
Tgt Ion:173 Resp: 1464798
Ion Ratio Lower Upper
173 100
175 50.0 39.1 58.7
171 53.6 41.8 62.8



#50
4-Methyl-2-Pentanone
Concen: 9.752 ppbv
RT: 8.163 min Scan# 1729
Delta R.T. -0.003 min
Lab File: VL039939.D
Acq: 1 Dec 2022 12:56

Tgt Ion: 43 Resp: 2628401
Ion Ratio Lower Upper
43 100
58 36.9 29.8 44.6

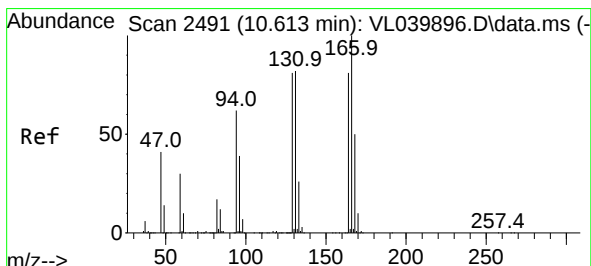
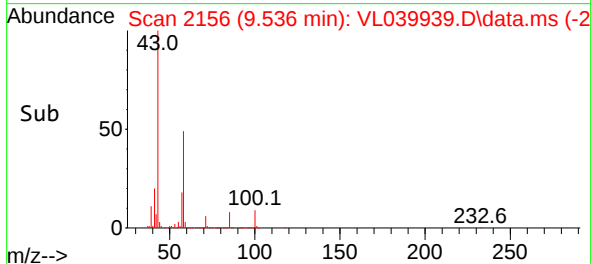
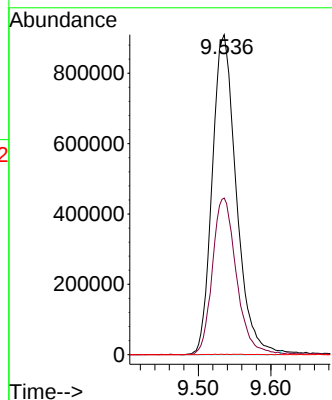
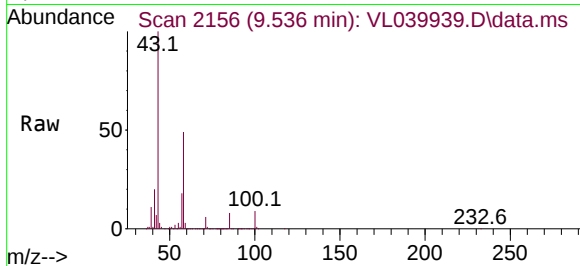




#51
2-Hexanone
Concen: 10.034 ppbv
RT: 9.536 min Scan# 2158
Delta R.T. -0.003 min
Lab File: VL039939.D
Acq: 1 Dec 2022 12:56

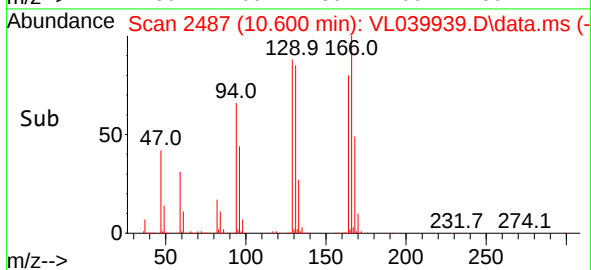
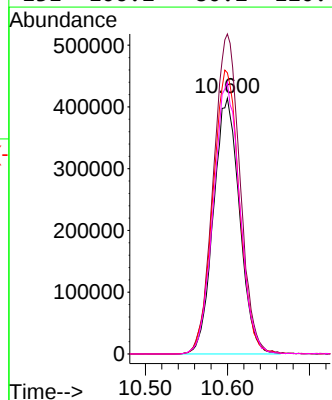
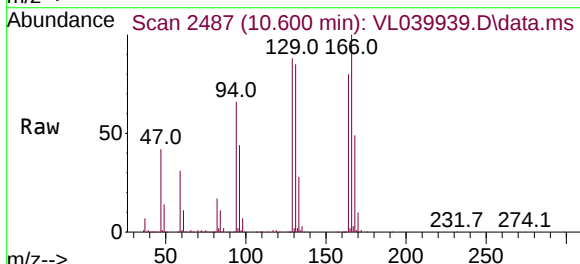
Instrument :
MSVOA_L
ClientSampleId :
VL1201ABS02

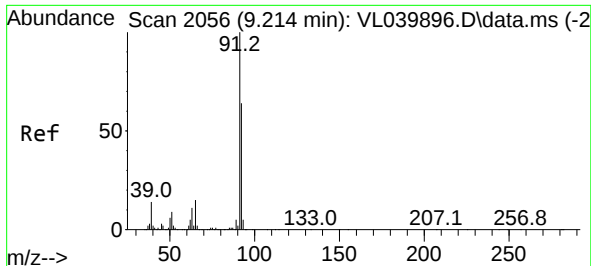
Tgt Ion: 43 Resp: 2099448
Ion Ratio Lower Upper
43 100
58 49.3 40.2 60.4
98 0.2 0.1 0.1#



#52
Tetrachloroethene
Concen: 9.148 ppbv
RT: 10.600 min Scan# 2487
Delta R.T. -0.003 min
Lab File: VL039939.D
Acq: 1 Dec 2022 12:56

Tgt Ion: 164 Resp: 914943
Ion Ratio Lower Upper
164 100
166 125.1 98.3 147.5
129 109.9 79.7 119.5
131 106.2 80.2 120.4

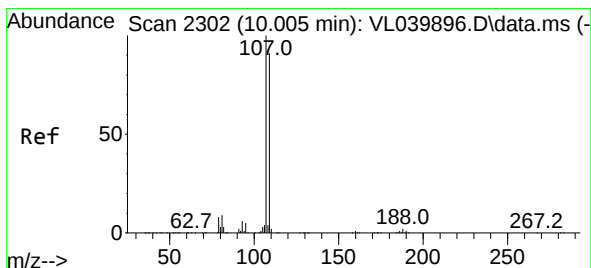
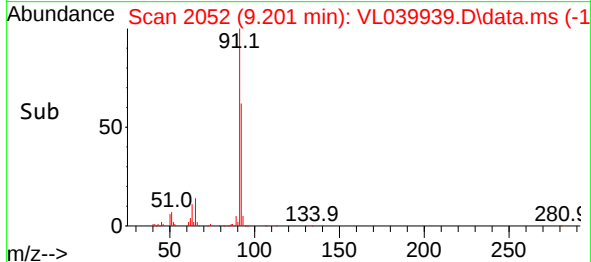
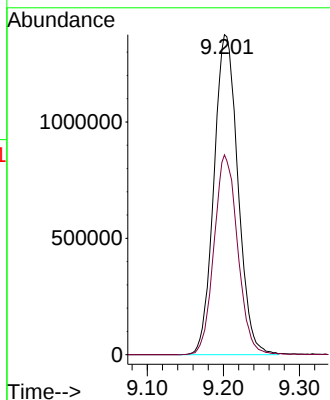
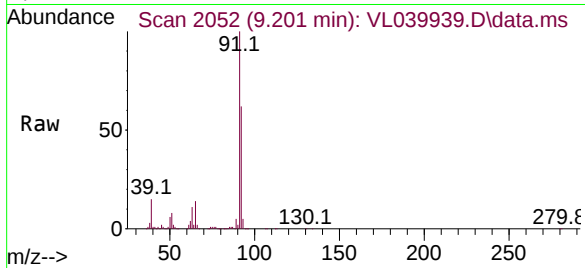




#53
Toluene
Concen: 9.905 ppbv
RT: 9.201 min Scan# 2056
Delta R.T. -0.003 min
Lab File: VL039939.D
Acq: 1 Dec 2022 12:56

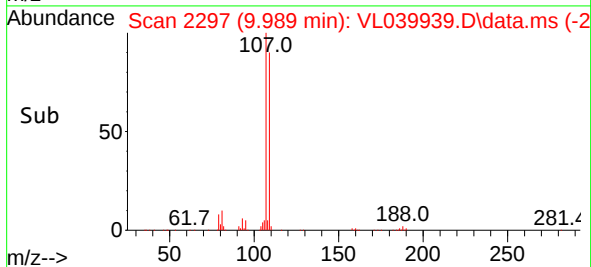
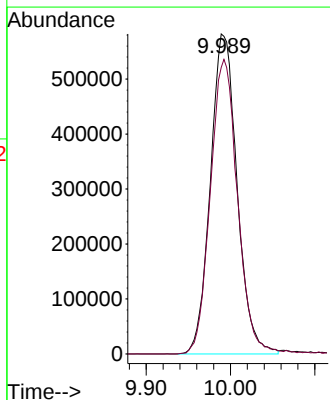
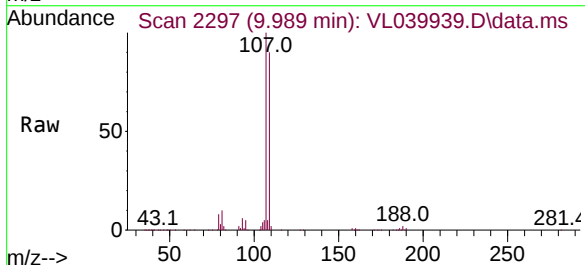
Instrument :
MSVOA_L
ClientSampleId :
VL1201ABS02

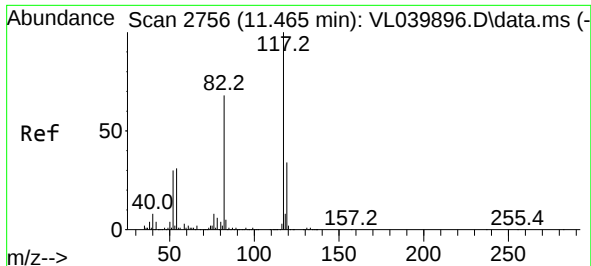
Tgt Ion: 91 Resp: 3016502
Ion Ratio Lower Upper
91 100
92 61.6 49.8 74.6



#54
1,2-Dibromoethane
Concen: 11.203 ppbv
RT: 9.989 min Scan# 2297
Delta R.T. -0.006 min
Lab File: VL039939.D
Acq: 1 Dec 2022 12:56

Tgt Ion: 107 Resp: 1279761
Ion Ratio Lower Upper
107 100
109 89.5 72.8 109.2

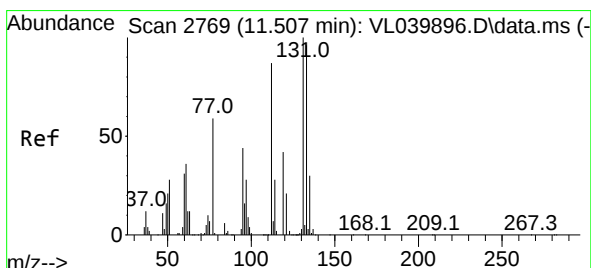
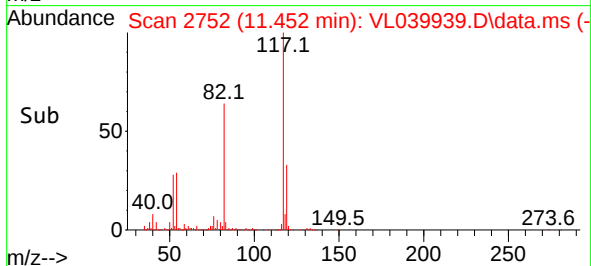
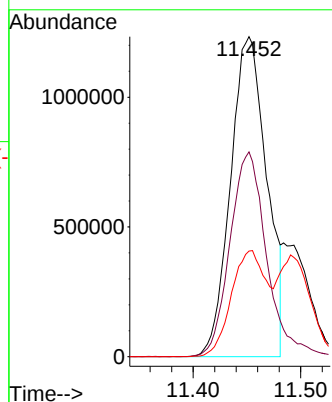
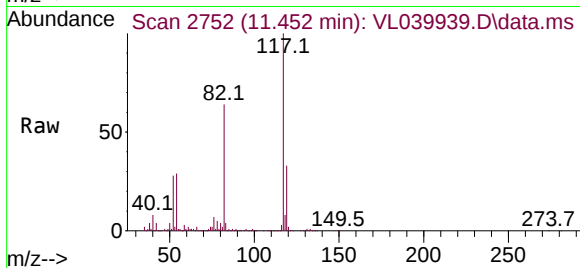




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.452 min Scan# 2752
Delta R.T. -0.000 min
Lab File: VL039939.D
Acq: 1 Dec 2022 12:56

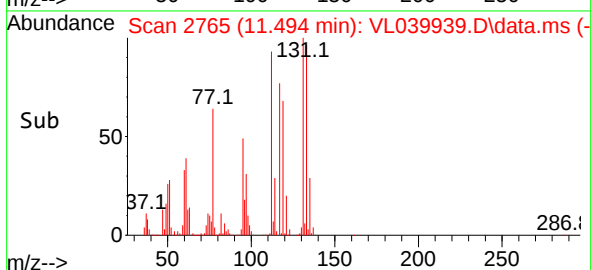
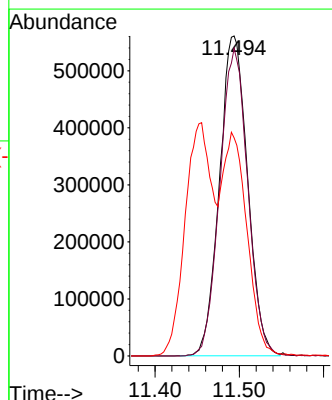
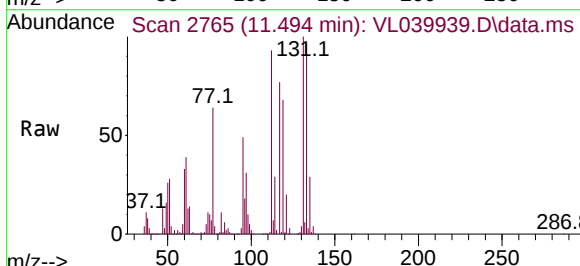
Instrument :
MSVOA_L
ClientSampleId :
VL1201ABS02

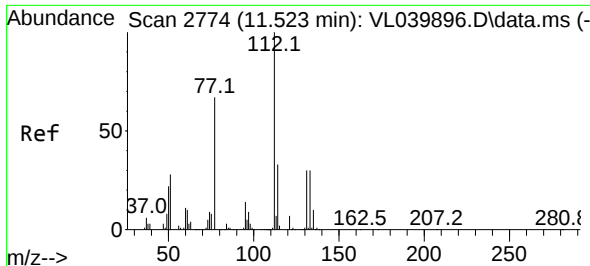
Tgt Ion:117 Resp: 2891680
Ion Ratio Lower Upper
117 100
82 65.1 52.3 78.5
119 34.7 25.7 38.5



#56
1,1,1,2-Tetrachloroethane
Concen: 10.992 ppbv
RT: 11.494 min Scan# 2765
Delta R.T. -0.003 min
Lab File: VL039939.D
Acq: 1 Dec 2022 12:56

Tgt Ion:131 Resp: 1299308
Ion Ratio Lower Upper
131 100
133 95.7 76.7 115.1
119 57.3 46.6 69.8

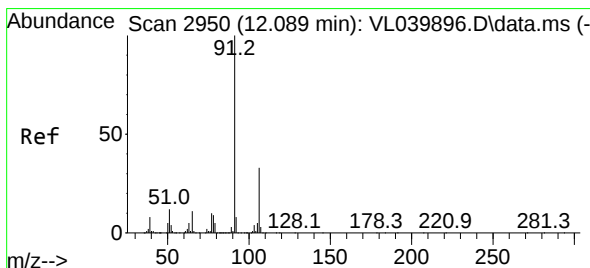
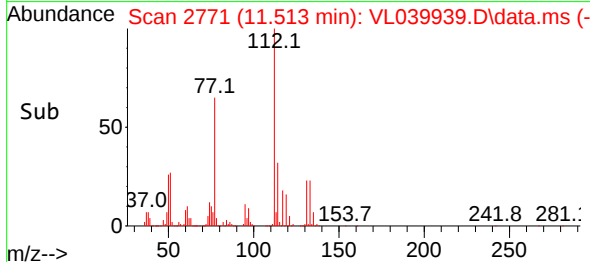
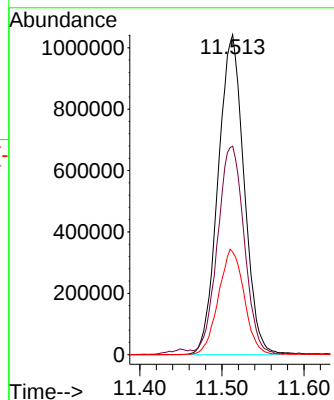
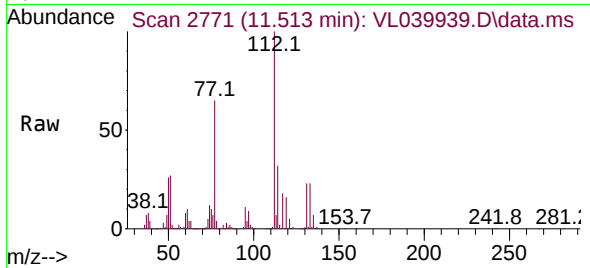




#57
Chlorobenzene
Concen: 10.358 ppbv
RT: 11.513 min Scan# 21
Delta R.T. -0.000 min
Lab File: VL039939.D
Acq: 1 Dec 2022 12:56

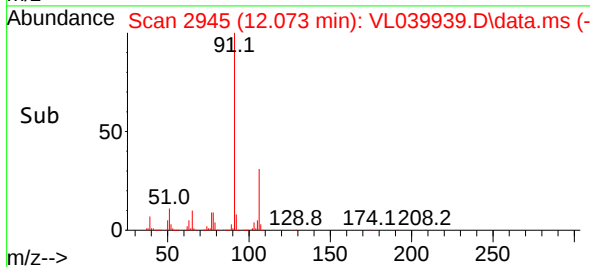
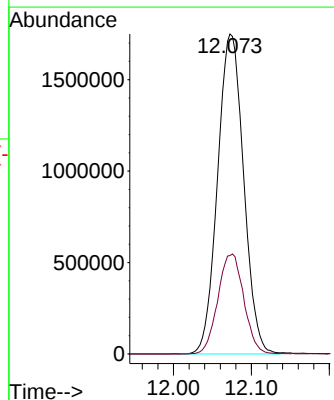
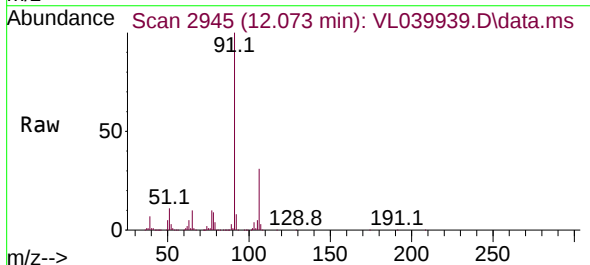
Instrument :
MSVOA_L
ClientSampleId :
VL1201ABS02

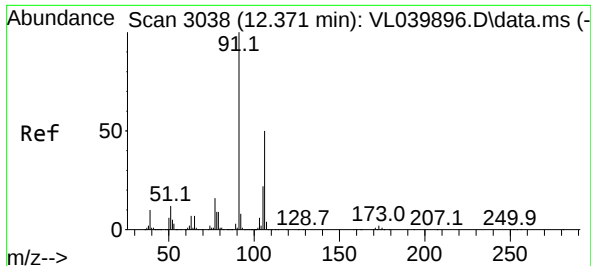
Tgt Ion:112 Resp: 2290168
Ion Ratio Lower Upper
112 100
77 64.7 54.6 81.8
114 32.0 30.1 36.7



#58
Ethyl Benzene
Concen: 10.365 ppbv
RT: 12.073 min Scan# 2945
Delta R.T. -0.003 min
Lab File: VL039939.D
Acq: 1 Dec 2022 12:56

Tgt Ion: 91 Resp: 4066137
Ion Ratio Lower Upper
91 100
106 30.7 26.1 39.1





#59

m/p-Xylene

Concen: 11.191 ppbv

RT: 12.359 min Scan# 3038

Delta R.T. -0.000 min

Lab File: VL039939.D

Acq: 1 Dec 2022 12:56

Instrument :

MSVOA_L

ClientSampleId :

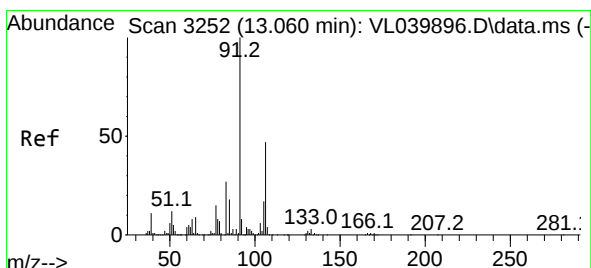
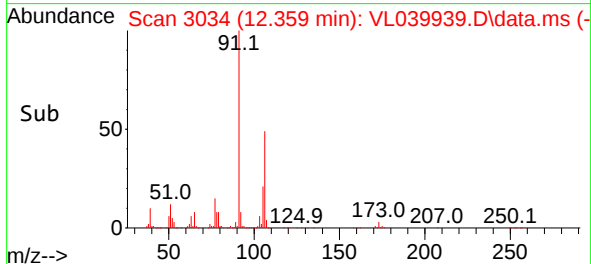
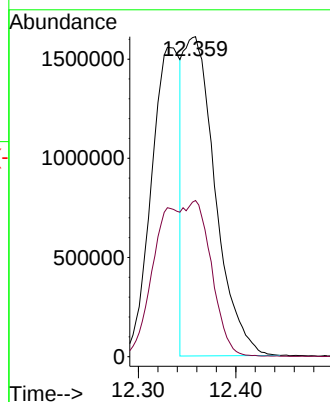
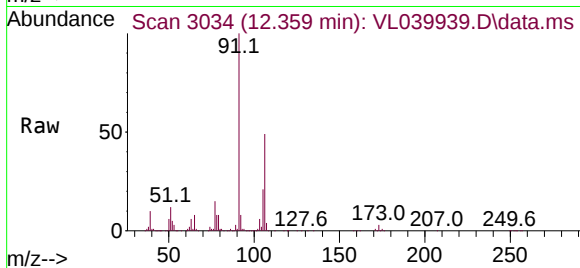
VL1201ABS02

Tgt Ion: 91 Resp: 3674429

Ion Ratio Lower Upper

91 100

106 84.0 37.0 55.6#



#60

o-Xylene

Concen: 10.397 ppbv

RT: 13.044 min Scan# 3247

Delta R.T. -0.003 min

Lab File: VL039939.D

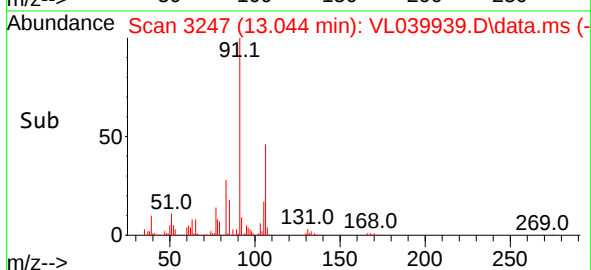
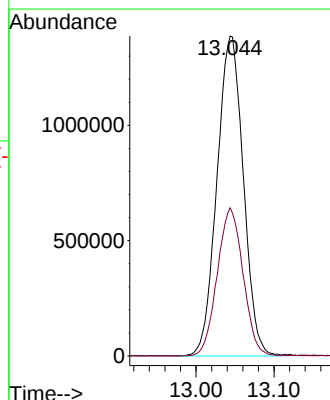
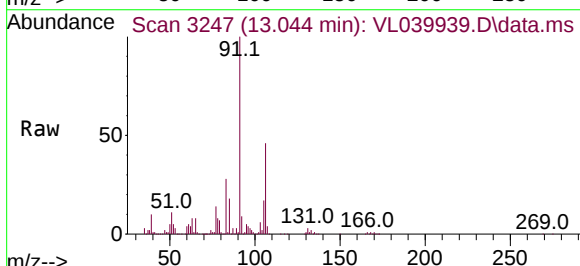
Acq: 1 Dec 2022 12:56

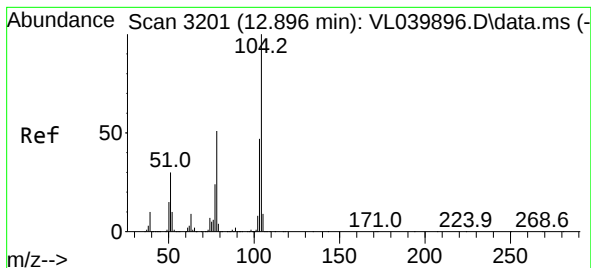
Tgt Ion: 91 Resp: 3255384

Ion Ratio Lower Upper

91 100

106 45.4 23.2 69.6





#61

Styrene

Concen: 10.669 ppbv

RT: 12.886 min Scan# 3198

Delta R.T. -0.003 min

Lab File: VL039939.D

Acq: 1 Dec 2022 12:56

Instrument :

MSVOA_L

ClientSampleId :

VL1201ABS02

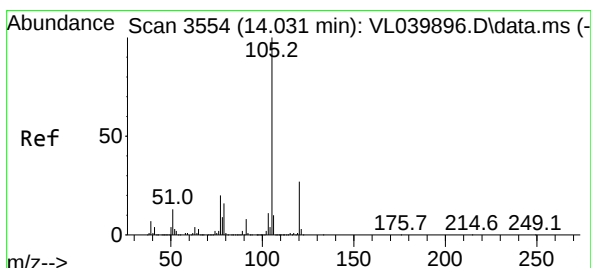
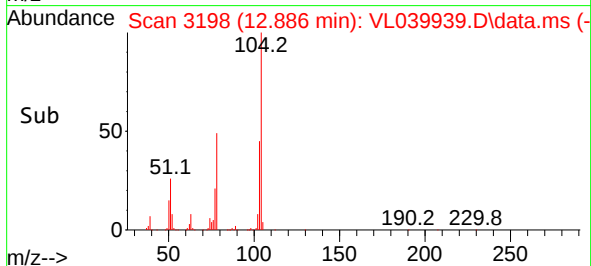
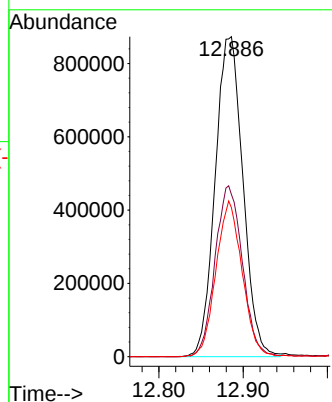
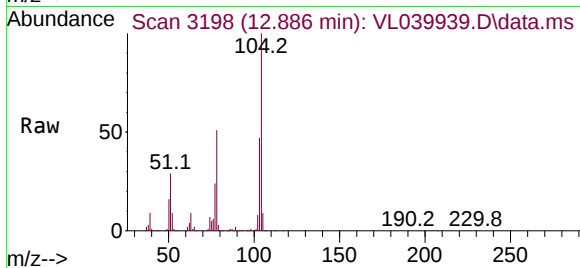
Tgt Ion:104 Resp: 1994135

Ion Ratio Lower Upper

104 100

78 52.9 41.8 62.8

103 46.2 37.2 55.8



#62

Isopropylbenzene

Concen: 10.300 ppbv

RT: 14.015 min Scan# 3549

Delta R.T. -0.003 min

Lab File: VL039939.D

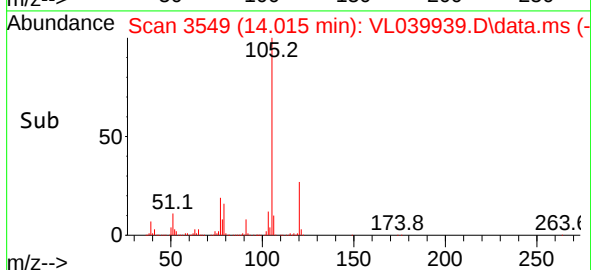
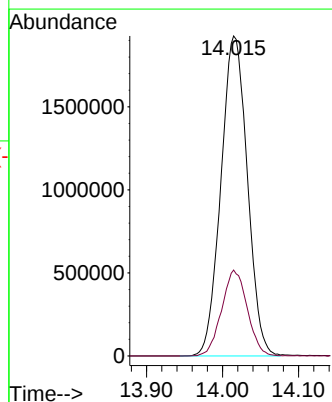
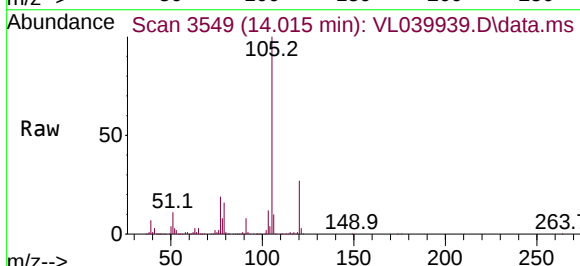
Acq: 1 Dec 2022 12:56

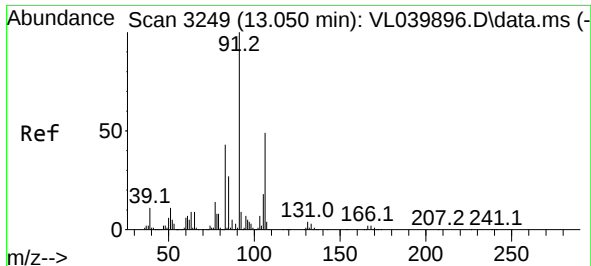
Tgt Ion:105 Resp: 4651050

Ion Ratio Lower Upper

105 100

120 26.0 21.4 32.2

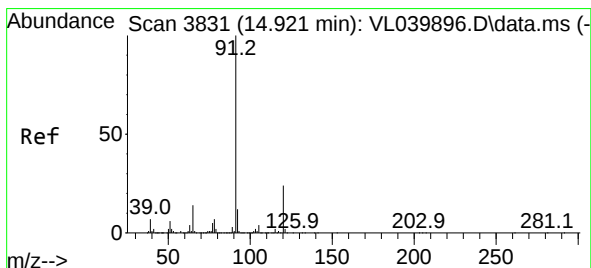
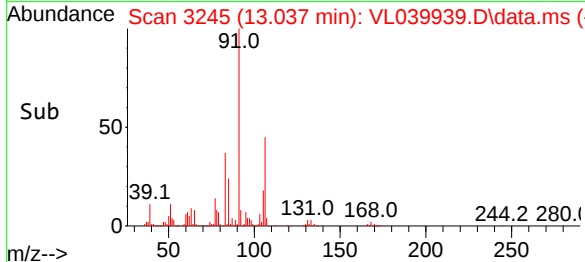
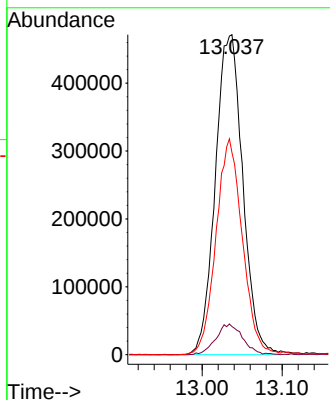
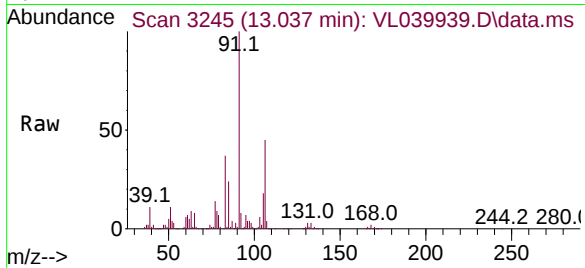




#63
1,1,2,2-Tetrachloroethane
Concen: 10.750 ppbv
RT: 13.037 min Scan# 31
Delta R.T. 0.003 min
Lab File: VL039939.D
Acq: 1 Dec 2022 12:56

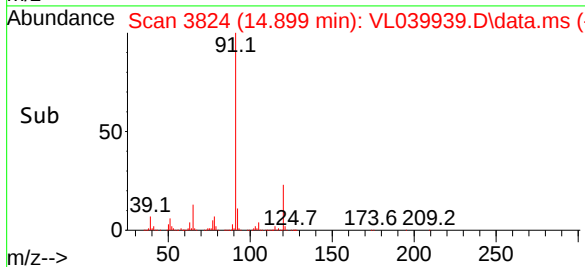
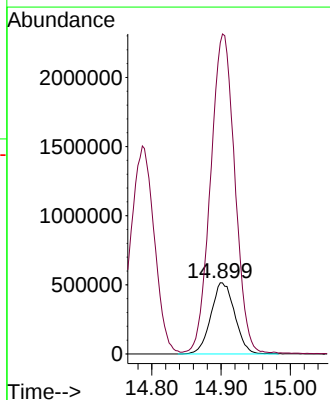
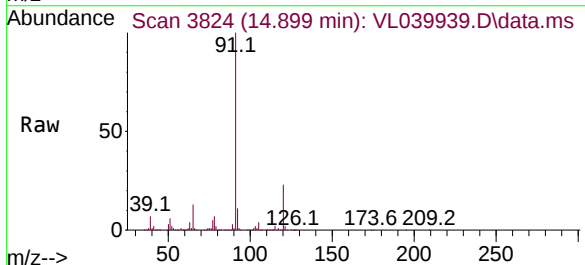
Instrument :
MSVOA_L
ClientSampleId :
VL1201ABS02

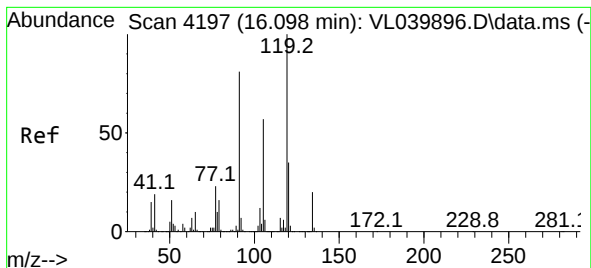
Tgt Ion: 83 Resp: 1123939
Ion Ratio Lower Upper
83 100
131 9.4 4.6 13.8
85 65.4 33.0 99.0



#64
n-propylbenzene
Concen: 10.419 ppbv
RT: 14.899 min Scan# 3824
Delta R.T. -0.006 min
Lab File: VL039939.D
Acq: 1 Dec 2022 12:56

Tgt Ion:120 Resp: 1230708
Ion Ratio Lower Upper
120 100
91 460.3 353.7 530.5

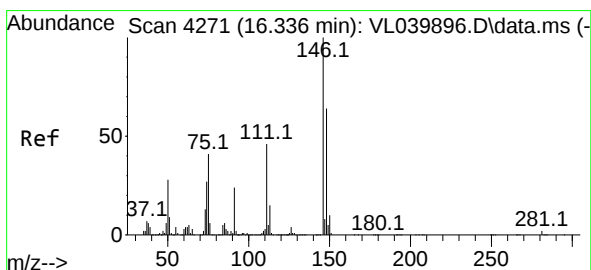
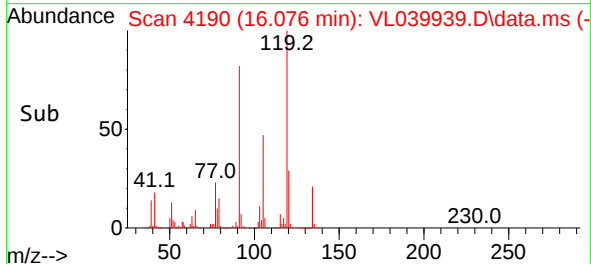
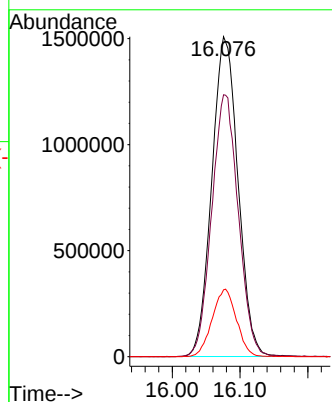
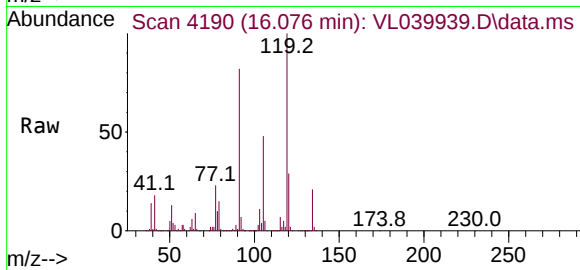




#65
tert-Butylbenzene
Concen: 10.271 ppbv
RT: 16.076 min Scan# 41
Delta R.T. -0.003 min
Lab File: VL039939.D
Acq: 1 Dec 2022 12:56

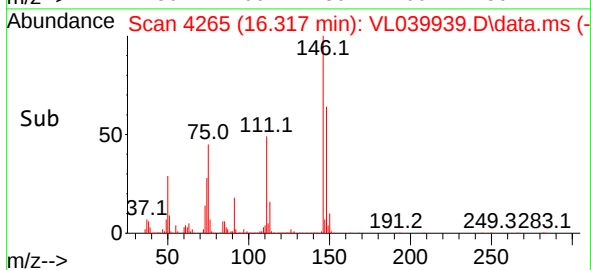
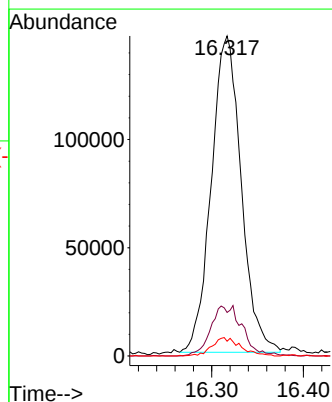
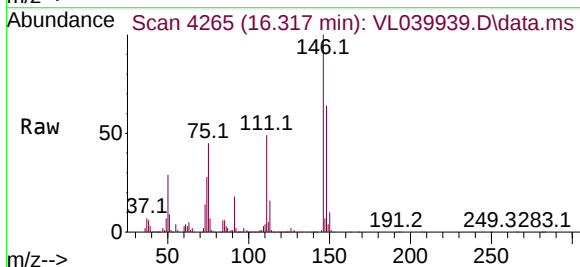
Instrument :
MSVOA_L
ClientSampleId :
VL1201ABS02

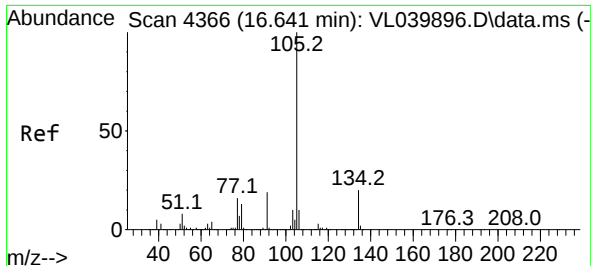
Tgt Ion:119 Resp: 4057125
Ion Ratio Lower Upper
119 100
91 83.3 65.8 98.8
134 19.6 16.1 24.1



#66
Benzyl Chloride
Concen: 9.779 ppbv
RT: 16.317 min Scan# 4265
Delta R.T. -0.000 min
Lab File: VL039939.D
Acq: 1 Dec 2022 12:56

Tgt Ion: 91 Resp: 331017
Ion Ratio Lower Upper
91 100
126 16.9 15.0 22.6
128 5.7 4.6 7.0





#67

sec-Butylbenzene

Concen: 10.333 ppbv

RT: 16.622 min Scan# 41

Delta R.T. -0.003 min

Lab File: VL039939.D

Acq: 1 Dec 2022 12:56

Instrument :

MSVOA_L

ClientSampleId :

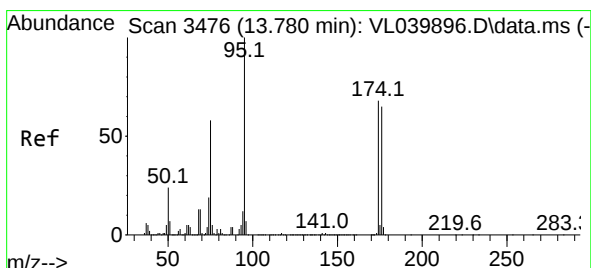
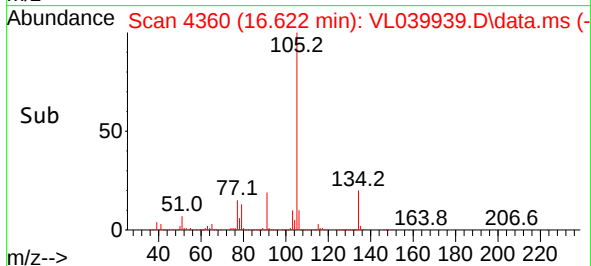
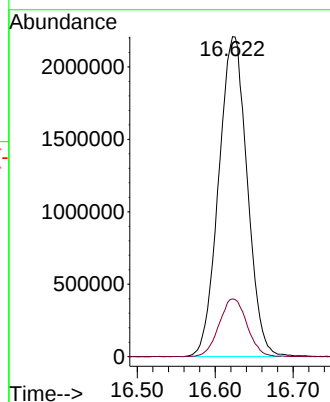
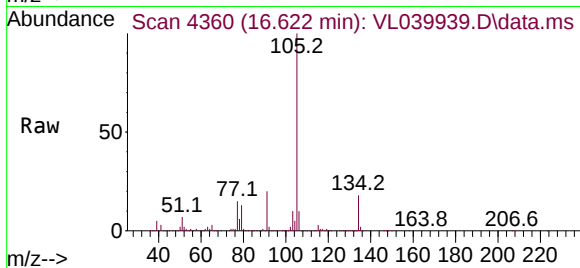
VL1201ABS02

Tgt Ion:105 Resp: 5612121

Ion Ratio Lower Upper

105 100

134 17.9 15.0 22.6



#68

1-Bromo-4-Fluorobenzene

Concen: 10.134 ppbv

RT: 13.761 min Scan# 3470

Delta R.T. -0.003 min

Lab File: VL039939.D

Acq: 1 Dec 2022 12:56

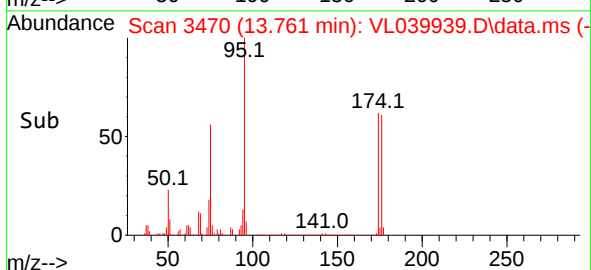
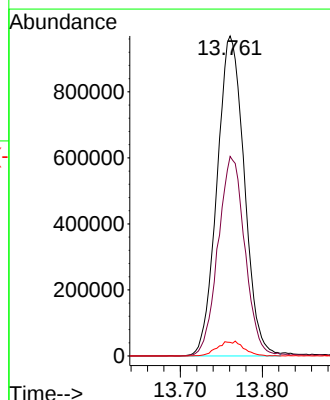
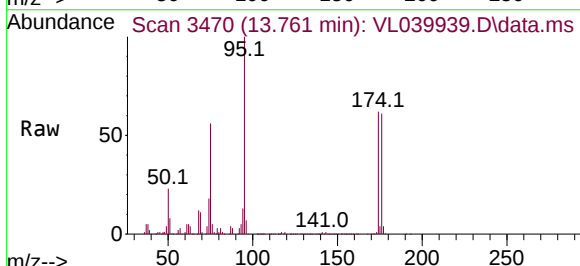
Tgt Ion: 95 Resp: 2238311

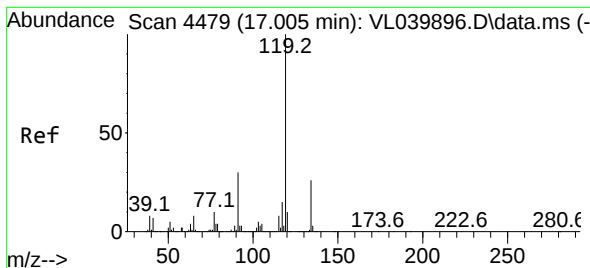
Ion Ratio Lower Upper

95 100

174 62.1 53.7 80.5

175 4.5 4.0 6.0

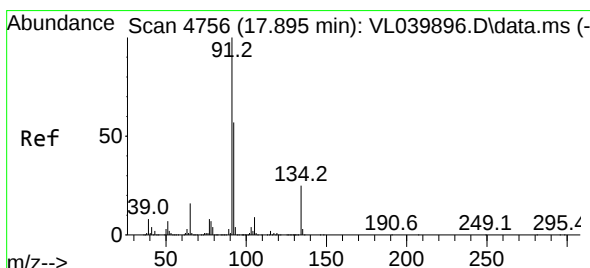
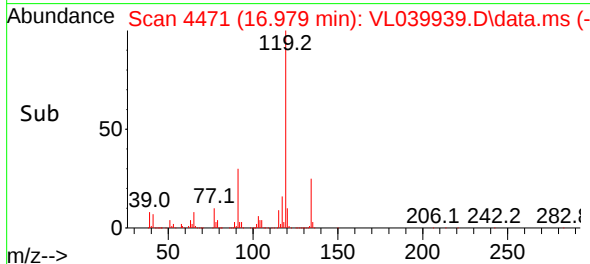
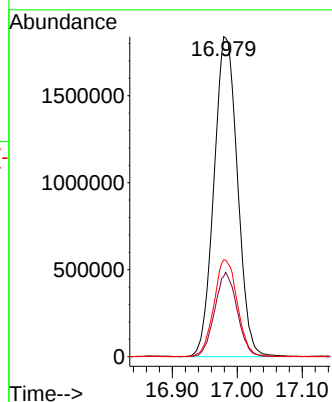
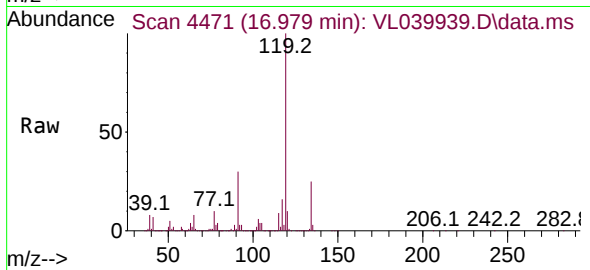




#69
p-Isopropyltoluene
Concen: 10.309 ppbv
RT: 16.979 min Scan# 4479
Delta R.T. -0.006 min
Lab File: VL039939.D
Acq: 1 Dec 2022 12:56

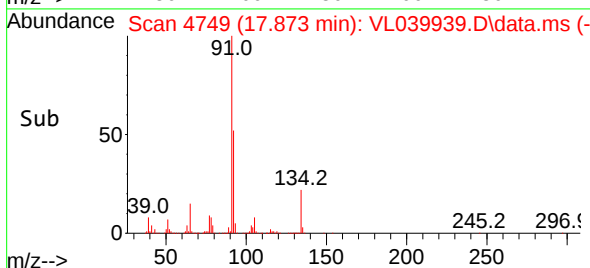
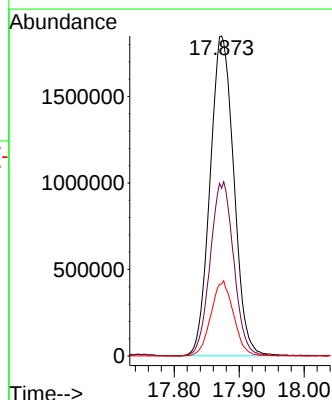
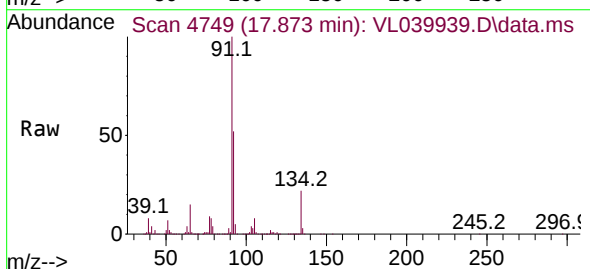
Instrument :
MSVOA_1
ClientSampleId :
VL1201ABS02

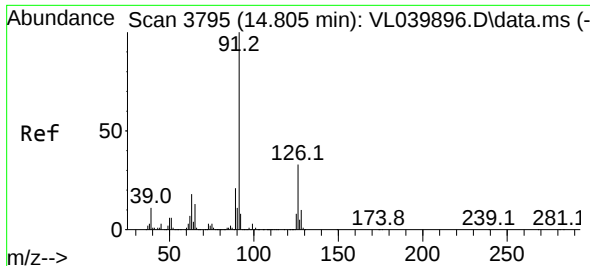
Tgt Ion:119 Resp: 4612496
Ion Ratio Lower Upper
119 100
134 25.2 21.0 31.4
91 30.2 24.4 36.6



#70
n-Butylbenzene
Concen: 10.596 ppbv
RT: 17.873 min Scan# 4749
Delta R.T. -0.003 min
Lab File: VL039939.D
Acq: 1 Dec 2022 12:56

Tgt Ion: 91 Resp: 4700036
Ion Ratio Lower Upper
91 100
92 54.1 44.2 66.2
134 22.4 18.8 28.2

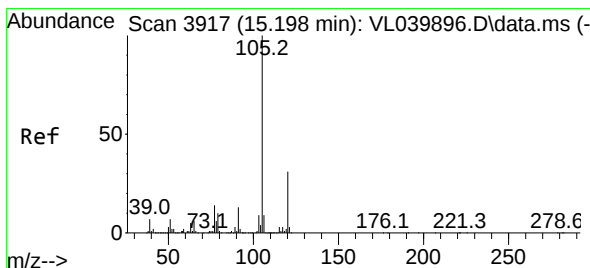
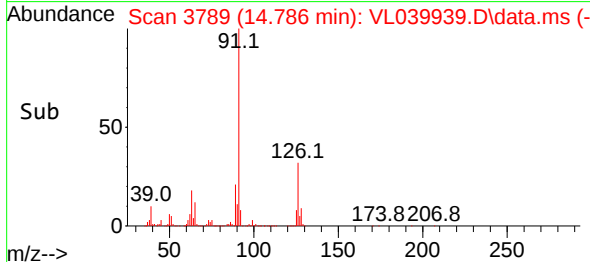
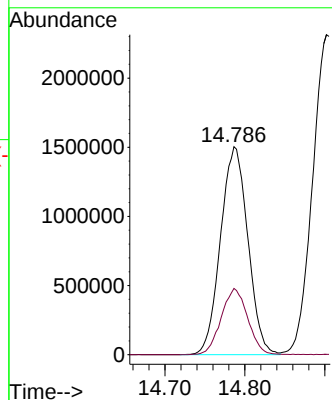
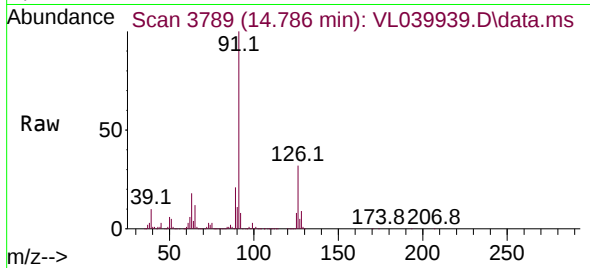




#71
2-Chlorotoluene
Concen: 10.420 ppbv
RT: 14.786 min Scan# 31
Delta R.T. -0.003 min
Lab File: VL039939.D
Acq: 1 Dec 2022 12:56

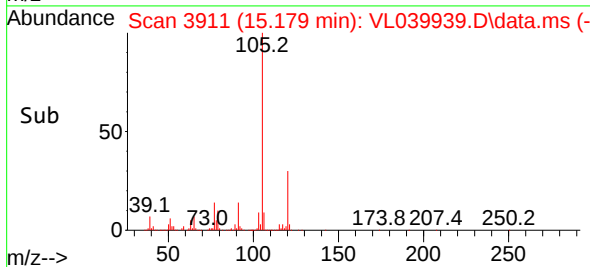
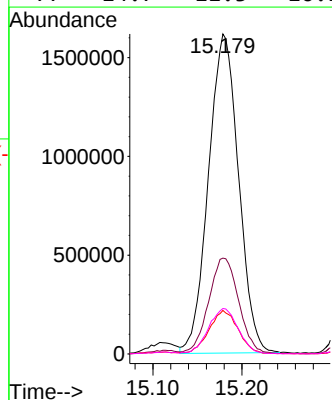
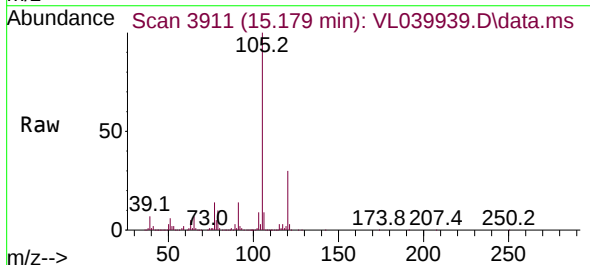
Instrument :
MSVOA_L
ClientSampleId :
VL1201ABS02

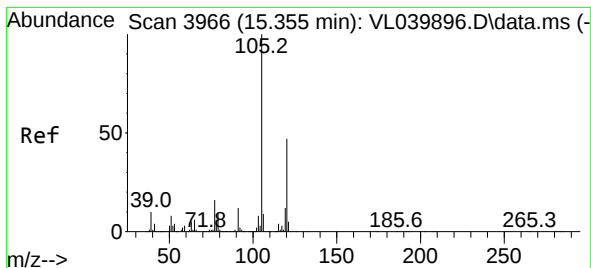
Tgt Ion: 91 Resp: 3566281
Ion Ratio Lower Upper
91 100
126 31.0 12.8 51.0



#72
4-Ethyltoluene
Concen: 10.771 ppbv
RT: 15.179 min Scan# 3911
Delta R.T. -0.003 min
Lab File: VL039939.D
Acq: 1 Dec 2022 12:56

Tgt Ion: 105 Resp: 3790891
Ion Ratio Lower Upper
105 100
120 30.2 24.5 36.7
91 13.2 10.4 15.6
77 14.7 11.3 16.9





#73

1,3,5-Trimethylbenzene

Concen: 10.382 ppbv

RT: 15.339 min Scan# 3966

Delta R.T. -0.003 min

Lab File: VL039939.D

Acq: 1 Dec 2022 12:56

Instrument :

MSVOA_L

ClientSampleId :

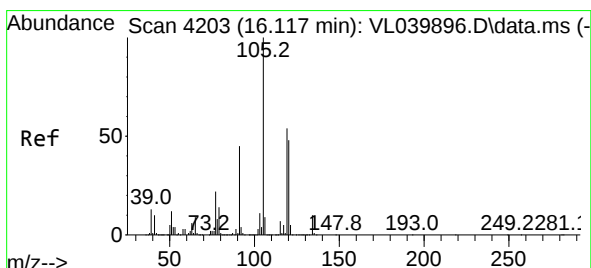
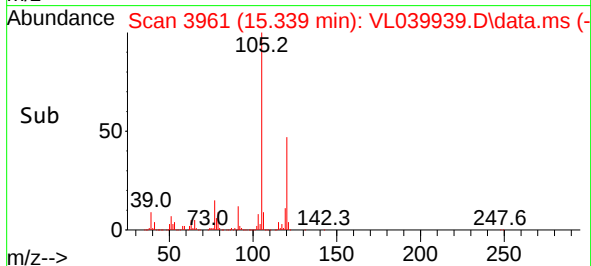
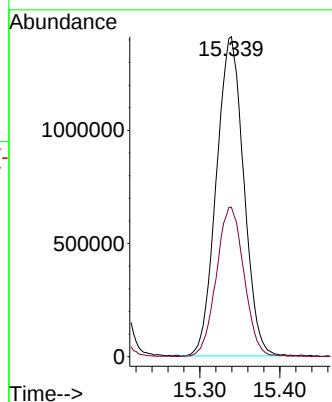
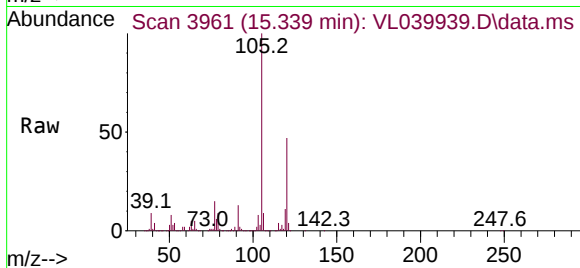
VL1201ABS02

Tgt Ion:105 Resp: 3345089

Ion Ratio Lower Upper

105 100

120 46.7 37.9 56.9



#74

1,2,4-Trimethylbenzene

Concen: 10.465 ppbv

RT: 16.095 min Scan# 4196

Delta R.T. -0.003 min

Lab File: VL039939.D

Acq: 1 Dec 2022 12:56

Tgt Ion:105 Resp: 3569690

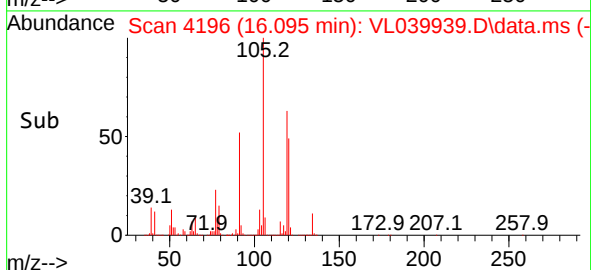
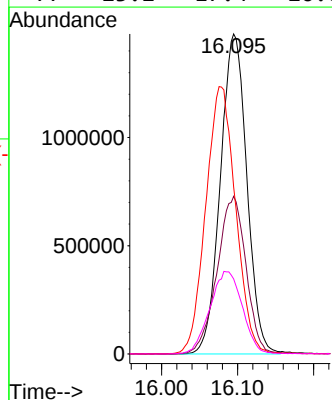
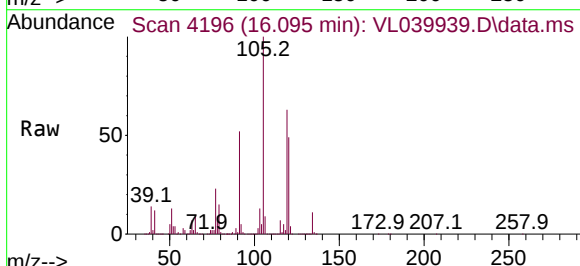
Ion Ratio Lower Upper

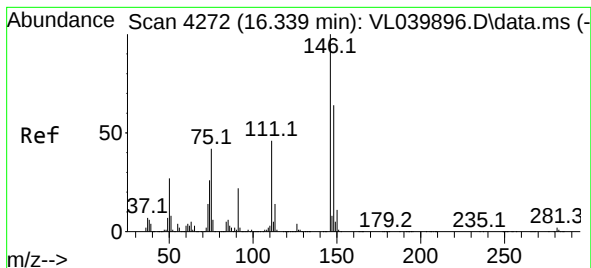
105 100

120 49.0 38.7 58.1

91 51.9 36.4 54.6

77 23.2 17.4 26.0





#75

1,3-Dichlorobenzene

Concen: 10.541 ppbv

RT: 16.320 min Scan# 41

Delta R.T. -0.003 min

Lab File: VL039939.D

Acq: 1 Dec 2022 12:56

Instrument :

MSVOA_1

ClientSampleId :

VL1201ABS02

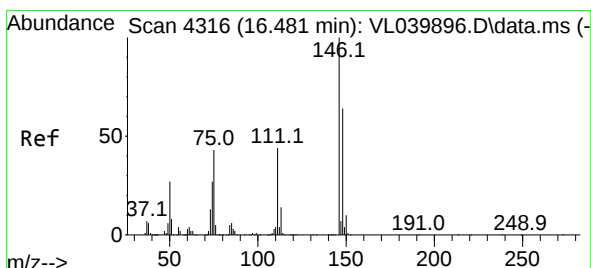
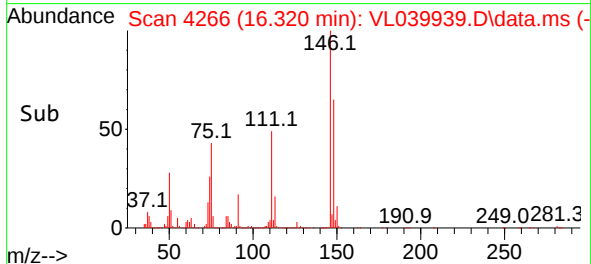
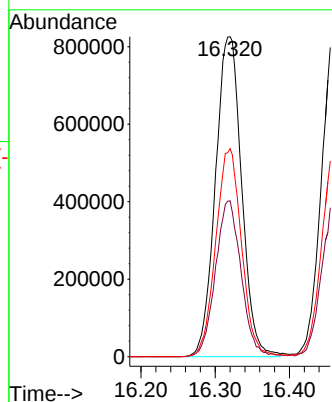
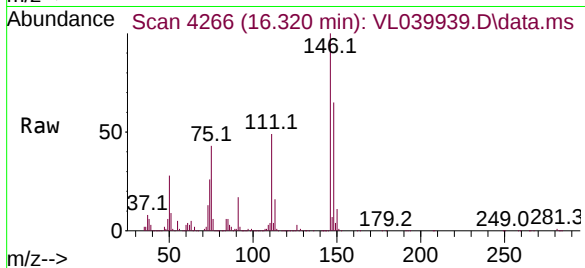
Tgt Ion:146 Resp: 2023093

Ion Ratio Lower Upper

146 100

111 47.8 23.3 69.9

148 64.1 32.2 96.6



#76

1,4-Dichlorobenzene

Concen: 10.348 ppbv

RT: 16.458 min Scan# 4309

Delta R.T. -0.010 min

Lab File: VL039939.D

Acq: 1 Dec 2022 12:56

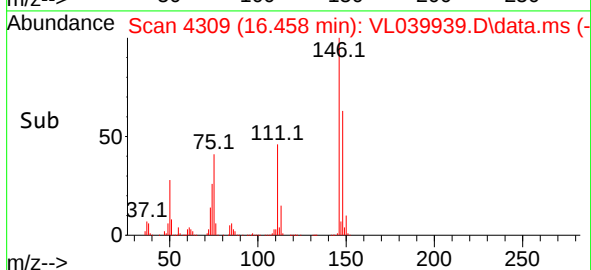
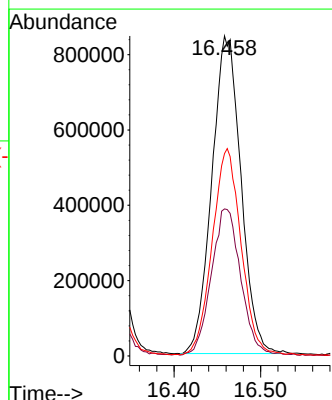
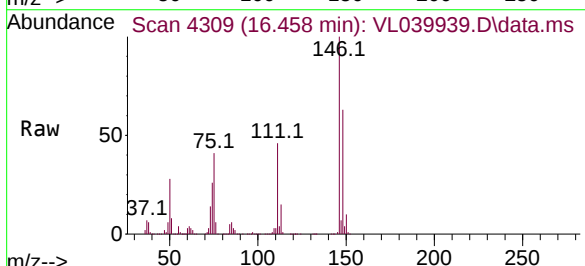
Tgt Ion:146 Resp: 1968844

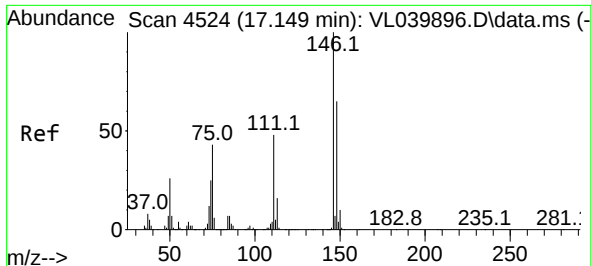
Ion Ratio Lower Upper

146 100

111 47.5 22.4 67.3

148 65.8 32.3 96.9

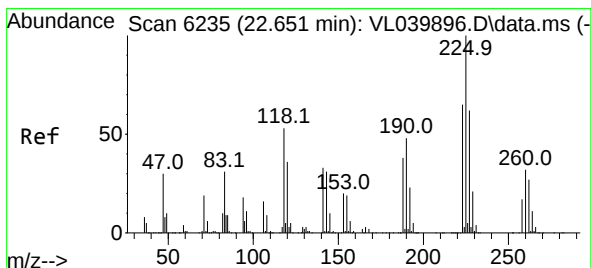
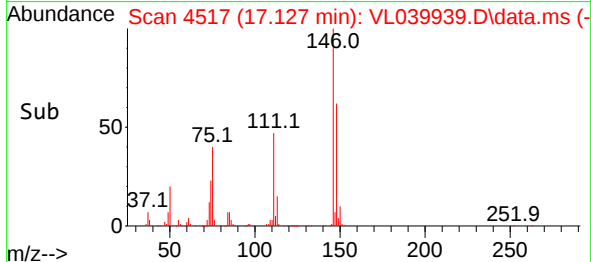
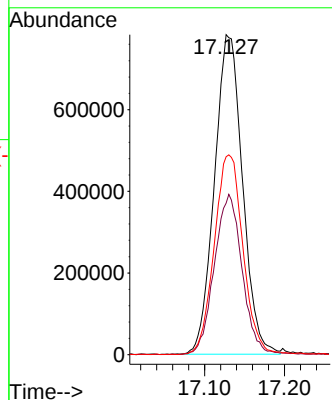
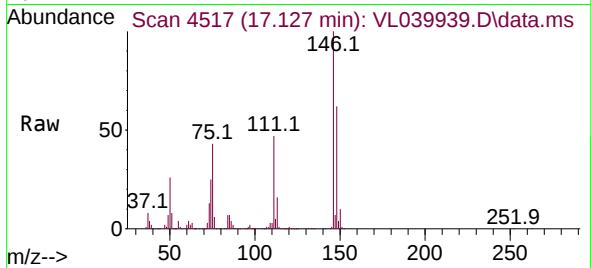




#77
1,2-Dichlorobenzene
Concen: 10.313 ppbv
RT: 17.127 min Scan# 41
Delta R.T. -0.003 min
Lab File: VL039939.D
Acq: 1 Dec 2022 12:56

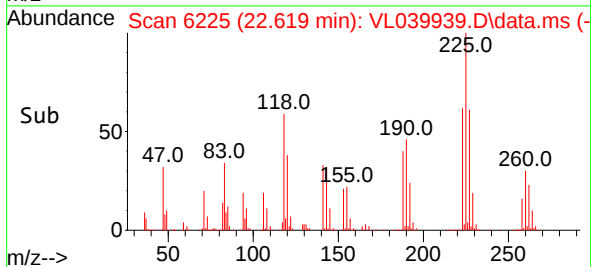
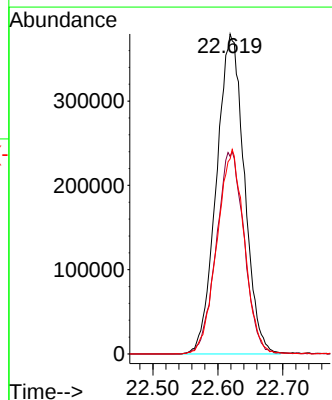
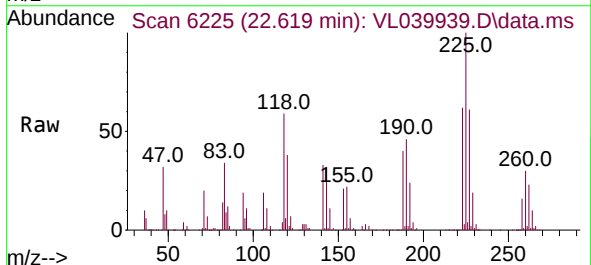
Instrument :
MSVOA_1
ClientSampleId :
VL1201ABS02

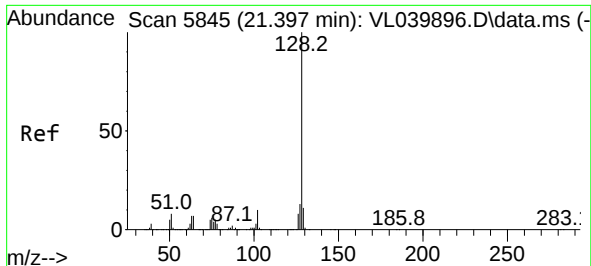
Tgt Ion:146 Resp: 1908147
Ion Ratio Lower Upper
146 100
111 49.8 24.1 72.3
148 64.3 32.4 97.2



#78
Hexachloro-1,3-Butadiene
Concen: 8.783 ppbv
RT: 22.619 min Scan# 6225
Delta R.T. -0.000 min
Lab File: VL039939.D
Acq: 1 Dec 2022 12:56

Tgt Ion:225 Resp: 1127601
Ion Ratio Lower Upper
225 100
223 63.7 50.7 76.1
227 63.0 50.8 76.2

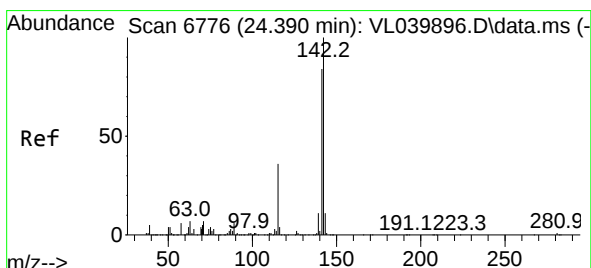
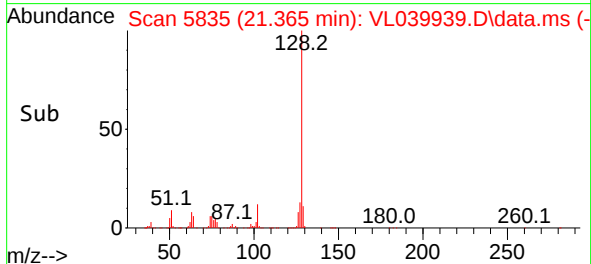
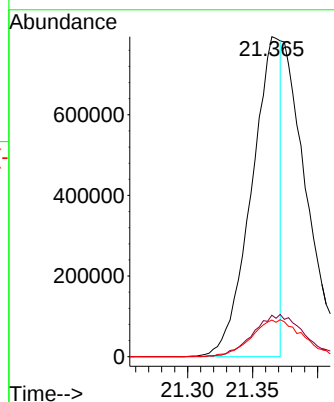
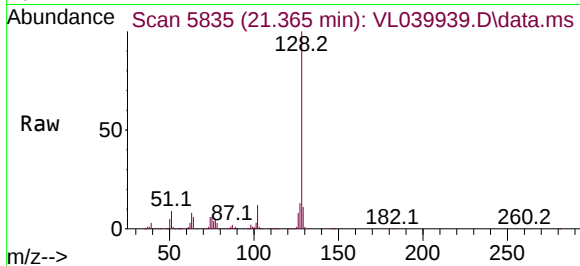




#79
Naphthalene
Concen: 6.080 ppbv
RT: 21.365 min Scan# 5835
Delta R.T. -0.006 min
Lab File: VL039939.D
Acq: 1 Dec 2022 12:56

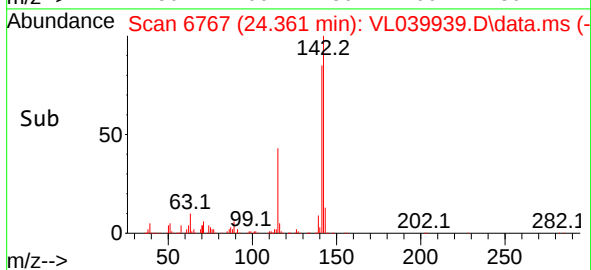
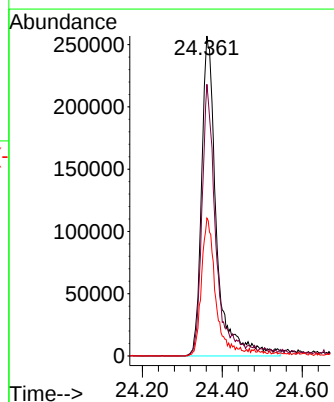
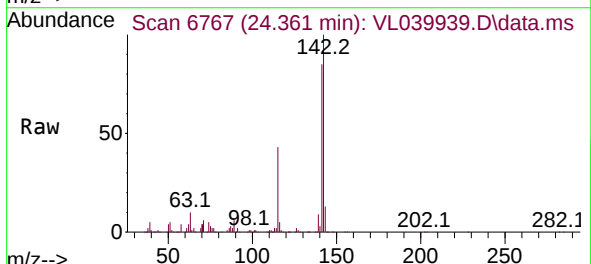
Instrument :
MSVOA_L
ClientSampleId :
VL1201ABS02

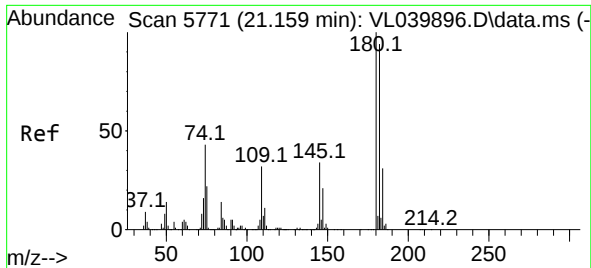
Tgt Ion:128 Resp: 1241292
Ion Ratio Lower Upper
128 100
127 12.9 10.0 15.0
129 11.4 8.8 13.2



#80
Naphthalene,2-methyl-
Concen: 11.679 ppbv
RT: 24.361 min Scan# 6767
Delta R.T. -0.010 min
Lab File: VL039939.D
Acq: 1 Dec 2022 12:56

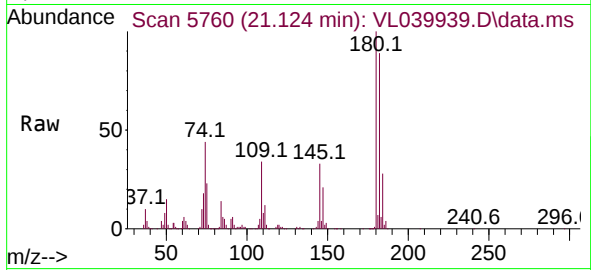
Tgt Ion:142 Resp: 670609
Ion Ratio Lower Upper
142 100
141 79.2 69.1 103.7
115 41.0 29.6 44.4





#81
 1,2,4-Trichlorobenzene
 Concen: 9.866 ppbv
 RT: 21.124 min Scan# 51
 Delta R.T. -0.003 min
 Lab File: VL039939.D
 Acq: 1 Dec 2022 12:56

Instrument :
 MSVOA_L
 ClientSampleId :
 VL1201ABS02



Tgt Ion:180 Resp: 1243888

Ion	Ratio	Lower	Upper
180	100		
182	97.3	77.0	115.6
184	29.6	25.2	37.8

