

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL081822\
 Data File : VL039567.D
 Acq On : 18 Aug 2022 20:23
 Operator : SY/AP
 Sample : N3980-13 4.5 LOD
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 LOD-MDL-AIR-01-QT3-2022

Quant Time: Aug 19 03:04:46 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL081722AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Aug 17 12:06:24 2022
 QLast Update : Wed Aug 17 12:06:24 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.208	49	919016	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.665	114	2520039	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.478	117	2346904	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.783	95	1817696	10.288	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.900%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.755	85	85000	0.688	ppbv	92
3) Chlorodifluoromethane	2.700	51	57169	0.519	ppbv	96
4) Chloromethane	2.835	50	33746	0.512	ppbv #	88
5) Vinyl Chloride	2.944	62	27288	0.480	ppbv	95
6) Bromomethane	3.144	94	11415m	0.491	ppbv	
7) Chloroethane	3.218	64	11754	0.581	ppbv #	80
8) Dichlorotetrafluoroethane	2.877	85	70539	0.532	ppbv	97
9) Propene	2.716	41	29207	0.582	ppbv	97
10) Heptane	7.587	43	46432m	0.398	ppbv	
11) Trichlorofluoromethane	3.587	101	67030	0.494	ppbv	98
12) 1,1,2-Trichlorotrifluo...	4.089	101	51886	0.518	ppbv	98
13) Ethanol	3.276	45	2903m	0.804	ppbv	
14) Bromoethene	3.391	108	19530	0.477	ppbv #	86
15) Acetone	3.501	43	61313m	0.591	ppbv	
16) 1,3-Butadiene	3.006	39	22269	0.413	ppbv	87
17) tert-Butyl alcohol	3.915	59	30702	0.346	ppbv #	84
18) 1,1-Dichloroethene	3.899	96	22729m	0.503	ppbv	
19) Isopropyl Alcohol	3.616	45	29888m	0.589	ppbv	
20) Methylene Chloride	3.954	84	25402	0.601	ppbv	86
21) Allyl Chloride	4.015	41	34216m	0.507	ppbv	
22) trans-1,2-Dichloroethene	4.465	96	19923	0.444	ppbv #	70
23) Vinyl Acetate	4.652	43	33212m	0.636	ppbv	
24) 1,1-Dichloroethane	4.581	63	47077	0.512	ppbv	100
25) Ethyl Acetate	5.234	43	95145	0.430	ppbv #	96
26) Hexane	5.227	57	41617m	0.458	ppbv	
27) Carbon Disulfide	4.147	76	45403m	0.469	ppbv	
28) Methyl tert-Butyl Ether	4.616	73	35380m	0.443	ppbv	
29) Chloroform	5.292	83	70477	0.496	ppbv	94
30) Cyclohexane	6.620	84	32668m	0.433	ppbv	
31) cis-1,2-Dichloroethene	5.095	61	32832	0.374	ppbv #	86
32) 1,1,1-Trichloroethane	6.021	97	67899m	0.509	ppbv	
34) 2-Butanone	4.819	43	55733	0.440	ppbv	96
35) Carbon Tetrachloride	6.510	117	62996m	0.444	ppbv	
36) Benzene	6.385	78	74902	0.390	ppbv	99
37) 1,2-Dichloroethane	5.822	62	47483	0.445	ppbv	99
38) Trichloroethene	7.308	130	42239	0.405	ppbv	97
39) 1,2-Dichloropropane	7.086	63	31930	0.444	ppbv	92
40) 1,4-Dioxane	7.333	88	11619m	0.407	ppbv	
41) Tetrahydrofuran	5.600	42	26816m	0.360	ppbv	
42) Bromodichloromethane	7.256	83	60466	0.415	ppbv #	84
43) Methyl Methacrylate	7.494	69	22725	0.327	ppbv	90
44) 2,2,4-Trimethylpentane	7.337	57	130551	0.403	ppbv #	90
45) t-1,3-Dichloropropene	8.716	75	17445m	0.285	ppbv	

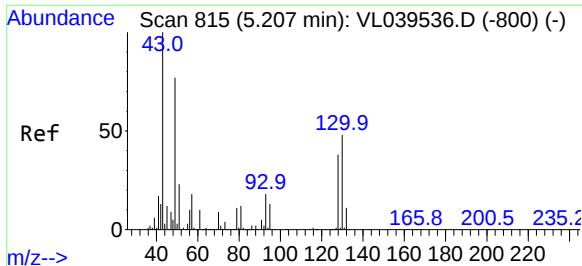
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL081822\
 Data File : VL039567.D
 Acq On : 18 Aug 2022 20:23
 Operator : SY/AP
 Sample : N3980-13 4.5 LOD
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 LOD-MDL-AIR-01-QT3-2022

Quant Time: Aug 19 03:04:46 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL081722AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Aug 17 12:06:24 2022
 QLast Update : Wed Aug 17 12:06:24 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.156	75	25779	0.306	ppbv	89
47) 1,1,2-Trichloroethane	8.909	97	36687	0.445	ppbv #	85
48) Dibromochloromethane	9.716	129	49148m	0.401	ppbv	
49) Bromoform	12.414	173	36806m	0.363	ppbv	
50) 4-Methyl-2-Pentanone	8.214	43	67443	0.346	ppbv	99
51) 2-Hexanone	9.587	43	48828m	0.340	ppbv	
52) Tetrachloroethene	10.623	164	32206m	0.428	ppbv	
53) Toluene	9.227	91	71744m	0.333	ppbv	
54) 1,2-Dibromoethane	10.018	107	34984	0.372	ppbv	98
56) 1,1,1,2-Tetrachloroethane	11.520	131	45224m	0.468	ppbv	
57) Chlorobenzene	11.533	112	86835	0.492	ppbv	94
58) Ethyl Benzene	12.098	91	96429	0.355	ppbv	96
59) m/p-Xylene	12.388	91	188652m	0.772	ppbv	
60) o-Xylene	13.066	91	85910	0.367	ppbv	100
61) Styrene	12.902	104	36243m	0.290	ppbv	
62) Isopropylbenzene	14.040	105	147595	0.416	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.063	83	53146m	0.451	ppbv	
64) n-propylbenzene	14.925	120	34307m	0.371	ppbv	
65) tert-Butylbenzene	16.098	119	127256m	0.403	ppbv	
66) Benzyl Chloride	16.343	91	11751m	0.433	ppbv	
67) sec-Butylbenzene	16.648	105	181423	0.406	ppbv	98
69) p-Isopropyltoluene	17.008	119	131686	0.354	ppbv #	91
70) n-Butylbenzene	17.896	91	132142	0.358	ppbv	98
71) 2-Chlorotoluene	14.806	91	98613m	0.384	ppbv	
72) 4-Ethyltoluene	15.204	105	91545	0.333	ppbv #	100
73) 1,3,5-Trimethylbenzene	15.368	105	98289m	0.391	ppbv	
74) 1,2,4-Trimethylbenzene	16.118	105	109480	0.391	ppbv	93
75) 1,3-Dichlorobenzene	16.339	146	69553	0.408	ppbv	92
76) 1,4-Dichlorobenzene	16.481	146	70030	0.411	ppbv	91
77) 1,2-Dichlorobenzene	17.156	146	75965	0.455	ppbv	98
78) Hexachloro-1,3-Butadiene	22.635	225	65851m	0.497	ppbv	
79) Naphthalene	21.397	128	67034m	0.336	ppbv	
80) Naphthalene,2-methyl-	24.387	142	15164	0.192	ppbv #	100
81) 1,2,4-Trichlorobenzene	21.156	180	49836m	0.375	ppbv	

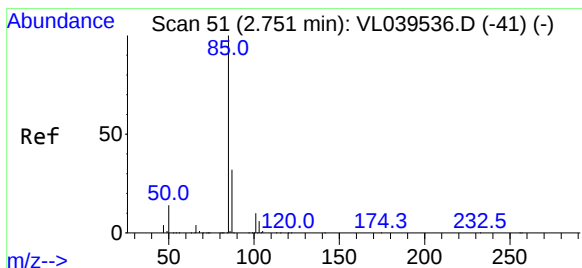
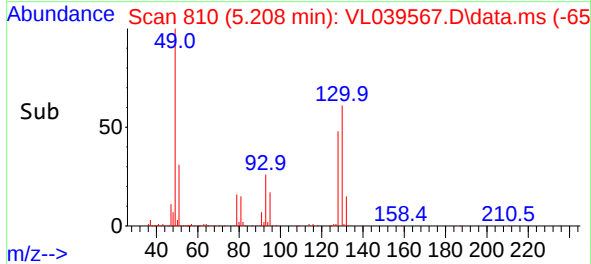
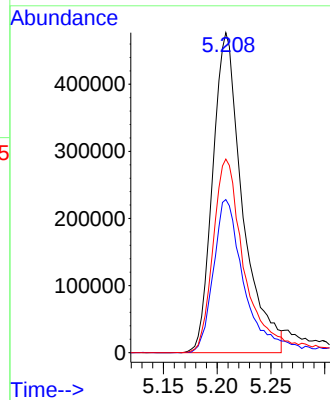
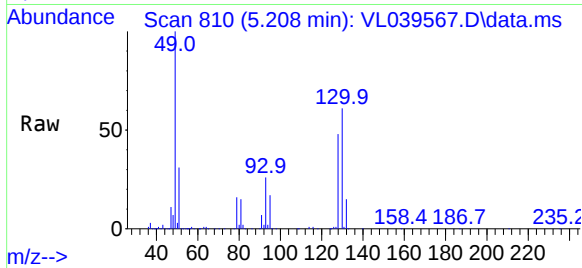
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.208 min Scan# 81
Delta R.T. 0.001 min
Lab File: VL039567.D
Acq: 18 Aug 2022 20:23

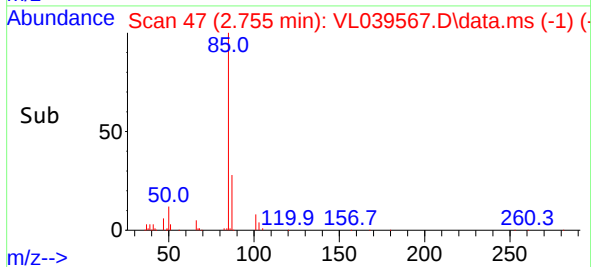
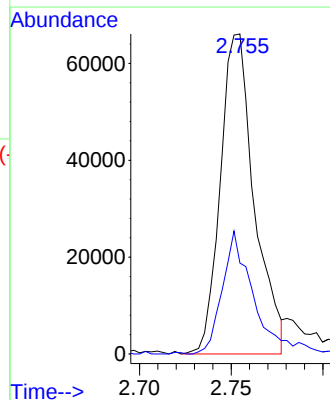
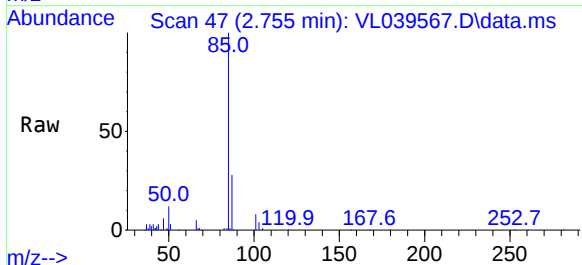
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT3-2022

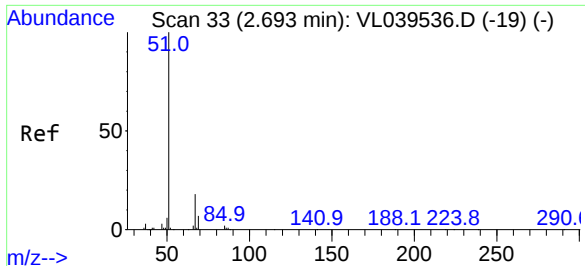
Tgt Ion: 49 Resp: 919016
Ion Ratio Lower Upper
49 100
128 53.1 25.7 77.0
130 66.6 31.6 95.0



#2
Dichlorodifluoromethane
Concen: 0.688 ppbv
RT: 2.755 min Scan# 47
Delta R.T. 0.004 min
Lab File: VL039567.D
Acq: 18 Aug 2022 20:23

Tgt Ion: 85 Resp: 85000
Ion Ratio Lower Upper
85 100
87 28.0 25.9 38.9

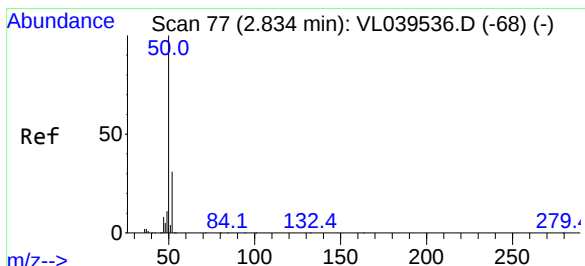
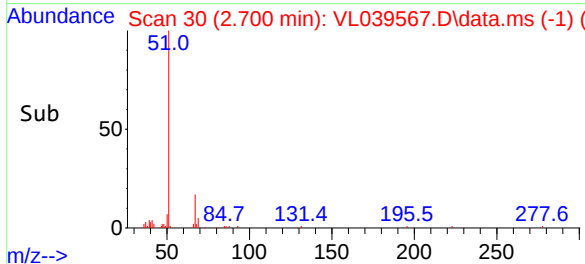
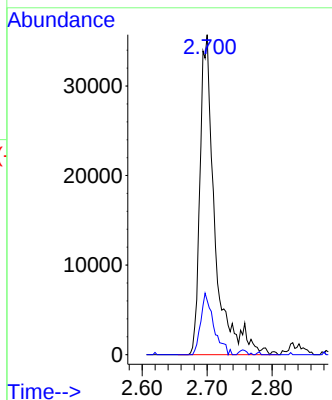
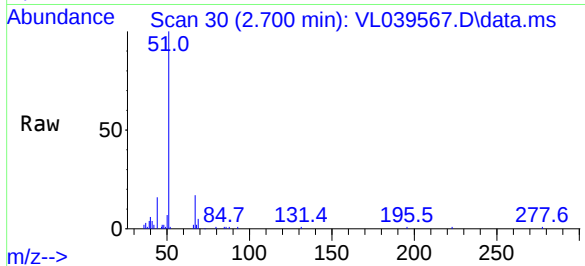




#3
Chlorodifluoromethane
Concen: 0.519 ppbv
RT: 2.700 min Scan# 30
Delta R.T. 0.007 min
Lab File: VL039567.D
Acq: 18 Aug 2022 20:23

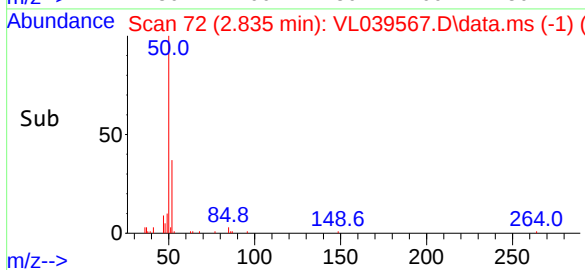
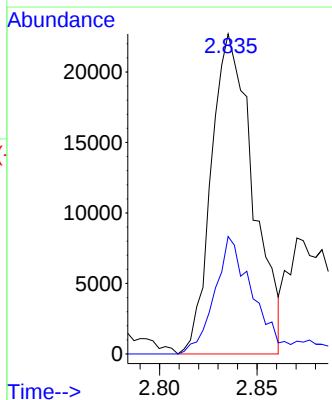
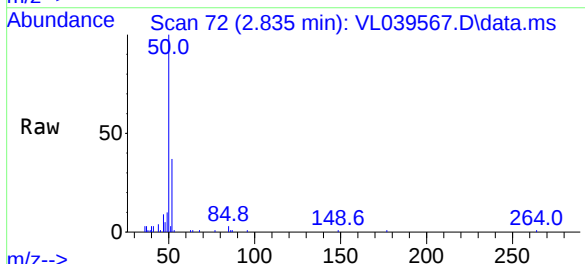
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT3-2022

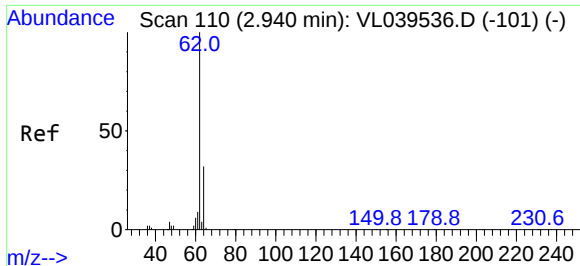
Tgt Ion: 51 Resp: 57169
Ion Ratio Lower Upper
51 100
67 16.7 14.7 22.1



#4
Chloromethane
Concen: 0.512 ppbv
RT: 2.835 min Scan# 72
Delta R.T. 0.001 min
Lab File: VL039567.D
Acq: 18 Aug 2022 20:23

Tgt Ion: 50 Resp: 33746
Ion Ratio Lower Upper
50 100
52 36.7 24.3 36.5#

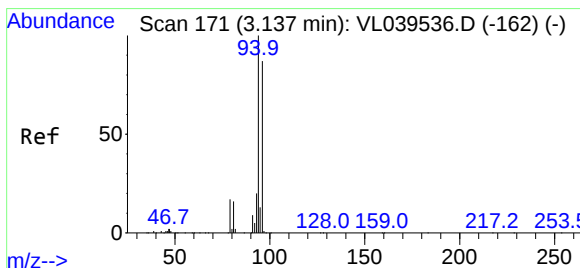
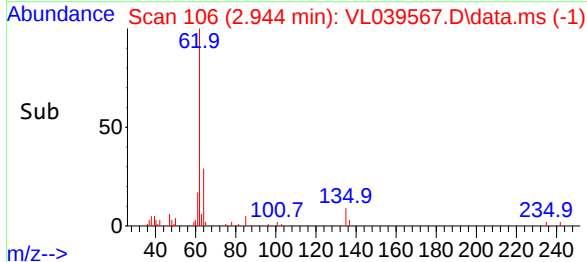
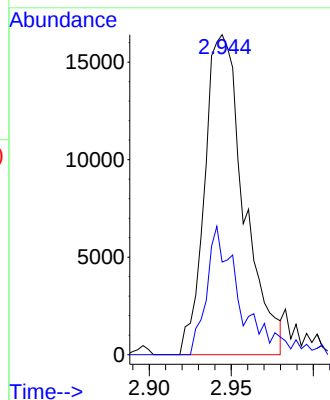
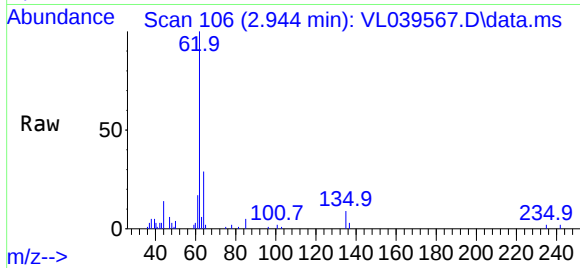




#5
 Vinyl Chloride
 Concen: 0.480 ppbv
 RT: 2.944 min Scan# 106
 Delta R.T. 0.004 min
 Lab File: VL039567.D
 Acq: 18 Aug 2022 20:23

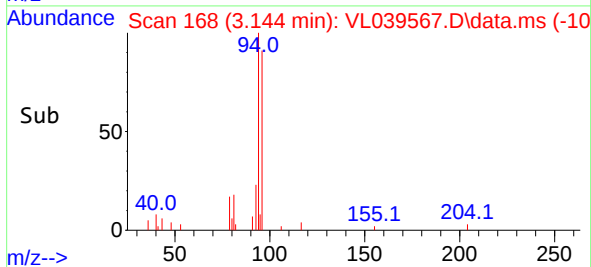
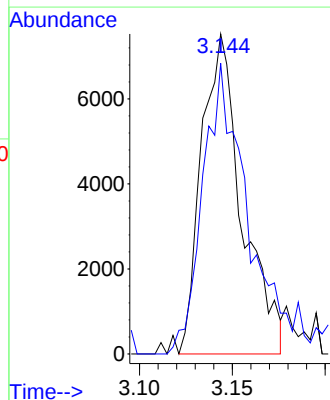
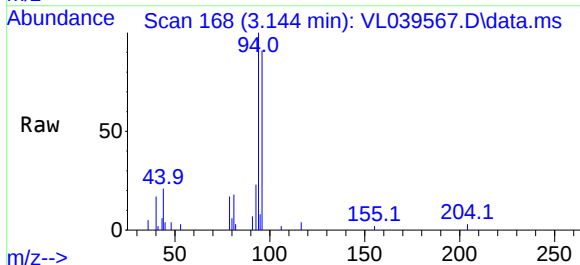
Instrument :
 MSVOA_L
 ClientSampleId :
 LOD-MDL-AIR-01-QT3-2022

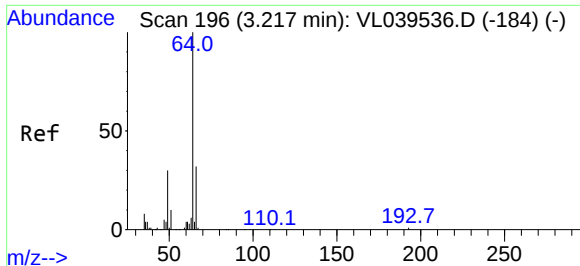
Tgt Ion: 62 Resp: 27288
 Ion Ratio Lower Upper
 62 100
 64 28.9 25.5 38.3



#6
 Bromomethane
 Concen: 0.491 ppbv m
 RT: 3.144 min Scan# 168
 Delta R.T. 0.007 min
 Lab File: VL039567.D
 Acq: 18 Aug 2022 20:23

Tgt Ion: 94 Resp: 11415
 Ion Ratio Lower Upper
 94 100
 96 90.8 69.8 104.6

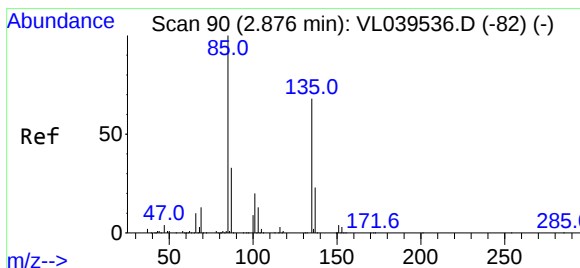
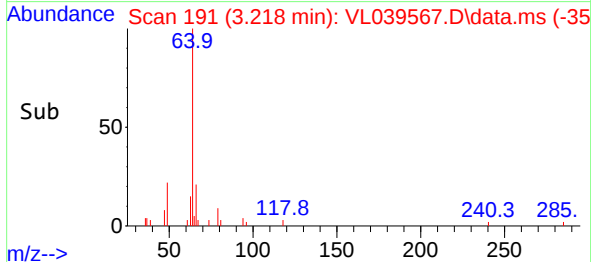
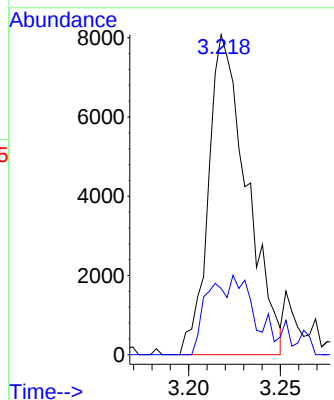
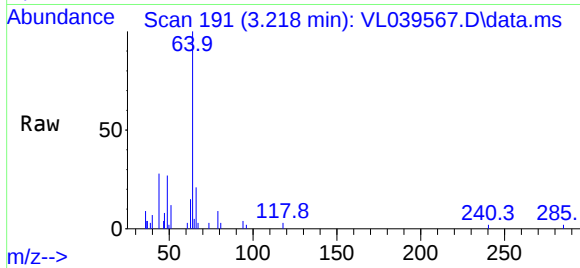




#7
Chloroethane
Concen: 0.581 ppbv
RT: 3.218 min Scan# 196
Delta R.T. 0.001 min
Lab File: VL039567.D
Acq: 18 Aug 2022 20:23

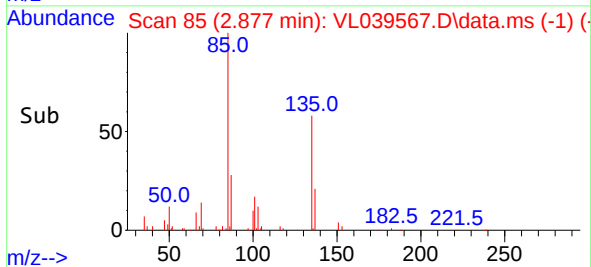
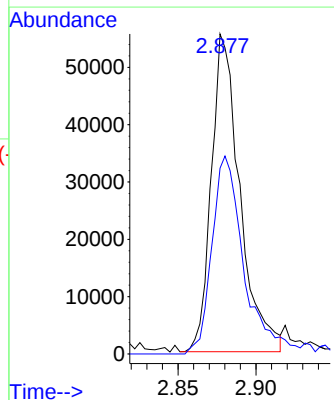
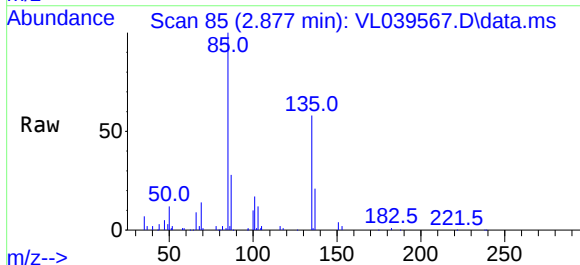
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT3-2022

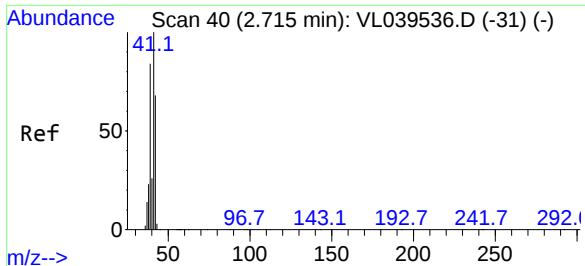
Tgt Ion: 64 Resp: 11754
Ion Ratio Lower Upper
64 100
66 20.6 25.6 38.4#



#8
Dichlorotetrafluoroethane
Concen: 0.532 ppbv
RT: 2.877 min Scan# 85
Delta R.T. 0.001 min
Lab File: VL039567.D
Acq: 18 Aug 2022 20:23

Tgt Ion: 85 Resp: 70539
Ion Ratio Lower Upper
85 100
135 72.5 56.3 84.5

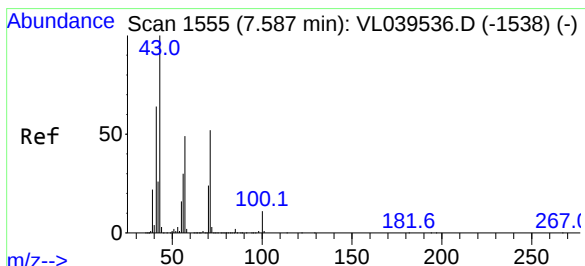
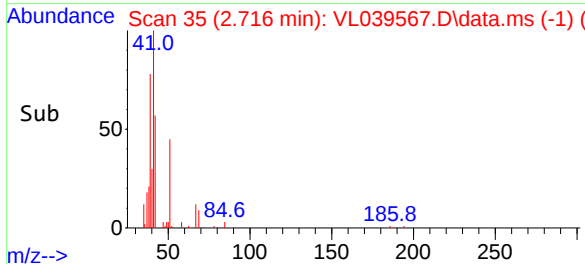
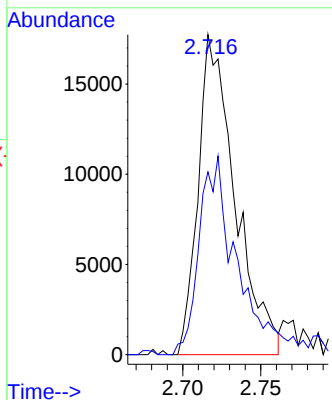
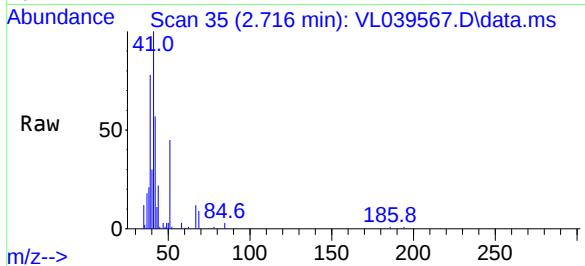




#9
 Propene
 Concen: 0.582 ppbv
 RT: 2.716 min Scan# 31
 Delta R.T. 0.001 min
 Lab File: VL039567.D
 Acq: 18 Aug 2022 20:23

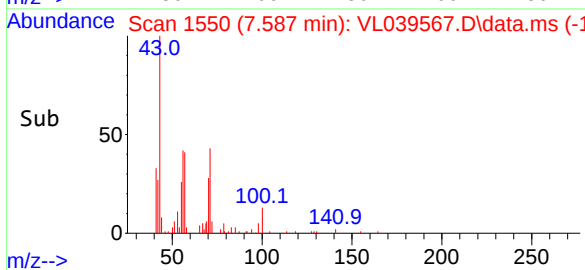
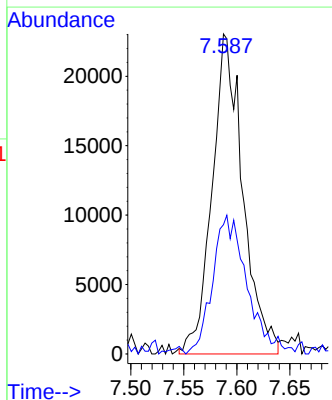
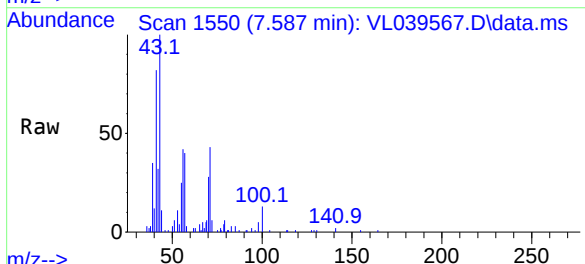
Instrument :
 MSVOA_L
 ClientSampleId :
 LOD-MDL-AIR-01-QT3-2022

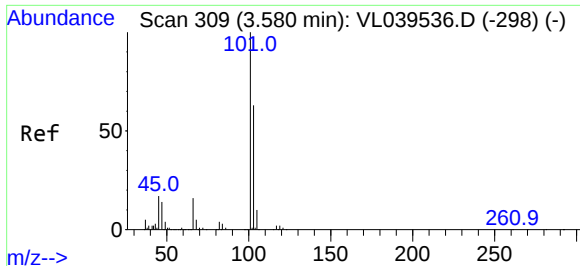
Tgt Ion: 41 Resp: 29207
 Ion Ratio Lower Upper
 41 100
 42 66.4 55.4 83.0



#10
 Heptane
 Concen: 0.398 ppbv m
 RT: 7.587 min Scan# 1550
 Delta R.T. 0.001 min
 Lab File: VL039567.D
 Acq: 18 Aug 2022 20:23

Tgt Ion: 43 Resp: 46432
 Ion Ratio Lower Upper
 43 100
 57 49.7 39.8 59.6

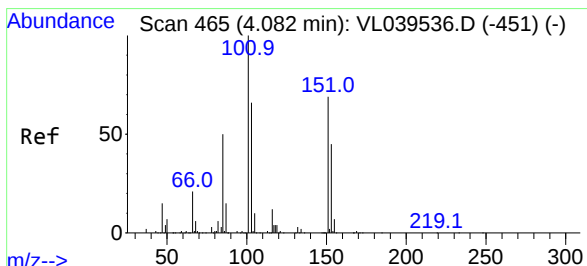
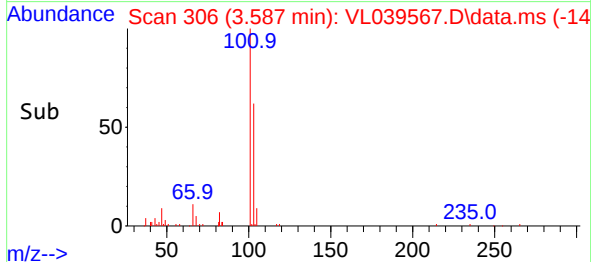
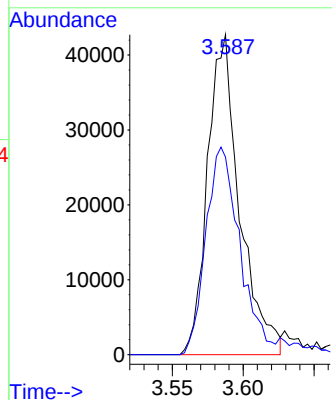
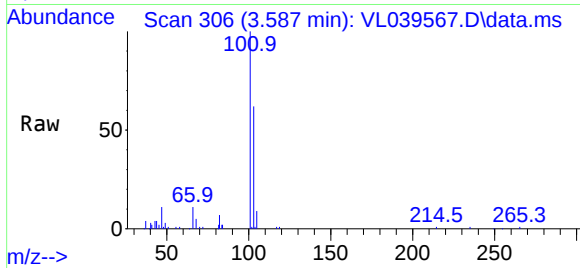




#11
 Trichlorofluoromethane
 Concen: 0.494 ppbv
 RT: 3.587 min Scan# 309
 Delta R.T. 0.007 min
 Lab File: VL039567.D
 Acq: 18 Aug 2022 20:23

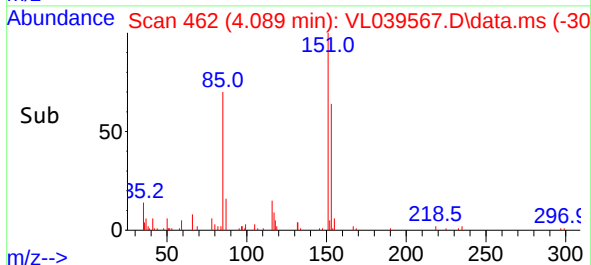
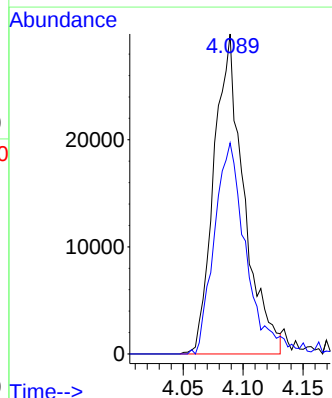
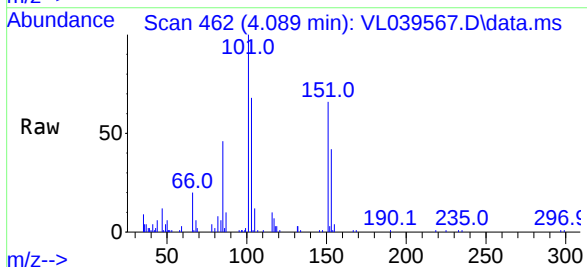
Instrument :
 MSVOA_1
 ClientSampleId :
 LOD-MDL-AIR-01-QT3-2022

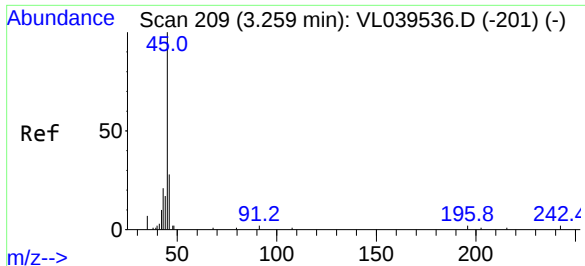
Tgt Ion:101 Resp: 67030
 Ion Ratio Lower Upper
 101 100
 103 61.7 50.6 76.0



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.518 ppbv
 RT: 4.089 min Scan# 462
 Delta R.T. 0.007 min
 Lab File: VL039567.D
 Acq: 18 Aug 2022 20:23

Tgt Ion:101 Resp: 51886
 Ion Ratio Lower Upper
 101 100
 151 71.4 58.6 87.8

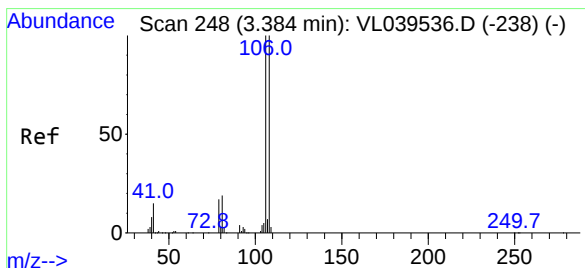
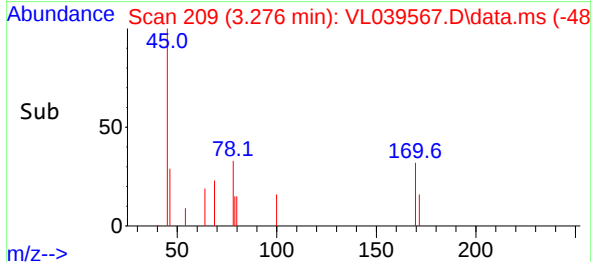
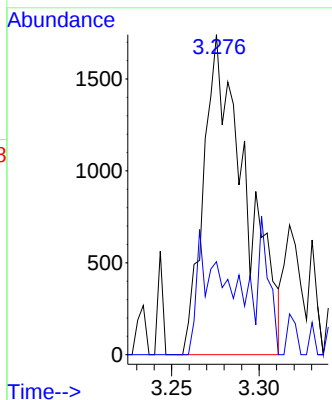
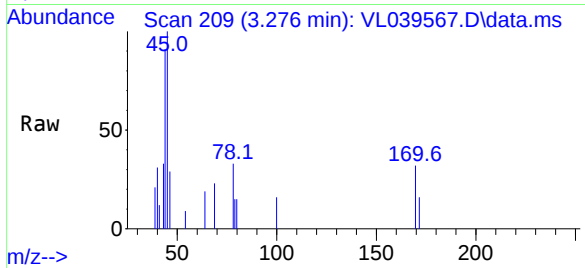




#13
Ethanol
Concen: 0.804 ppbv m
RT: 3.276 min Scan# 20
Delta R.T. 0.017 min
Lab File: VL039567.D
Acq: 18 Aug 2022 20:23

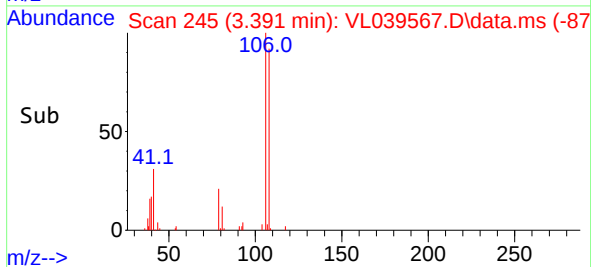
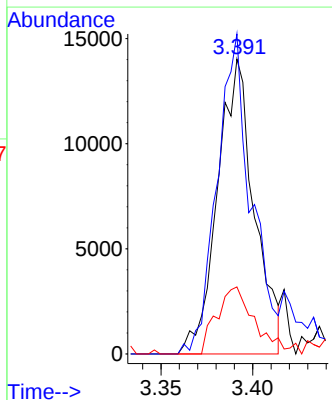
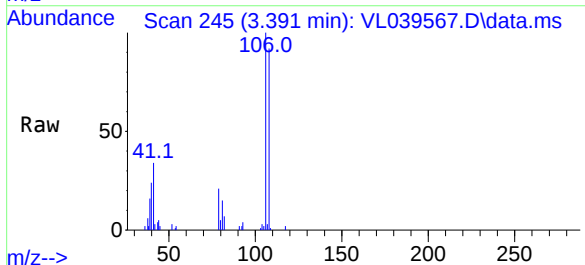
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT3-2022

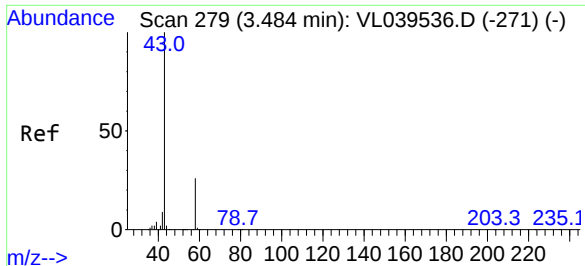
Tgt Ion: 45 Resp: 2903
Ion Ratio Lower Upper
45 100
46 7.8 19.3 77.1#



#14
Bromoethene
Concen: 0.477 ppbv
RT: 3.391 min Scan# 245
Delta R.T. 0.007 min
Lab File: VL039567.D
Acq: 18 Aug 2022 20:23

Tgt Ion: 108 Resp: 19530
Ion Ratio Lower Upper
108 100
106 122.8 86.6 130.0
79 26.3 15.1 22.7#

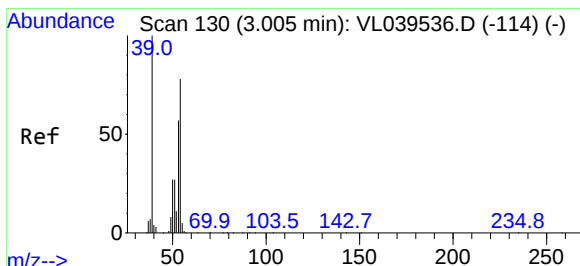
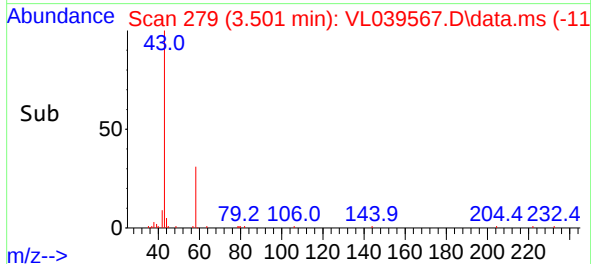
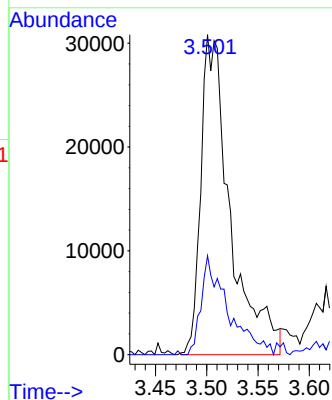
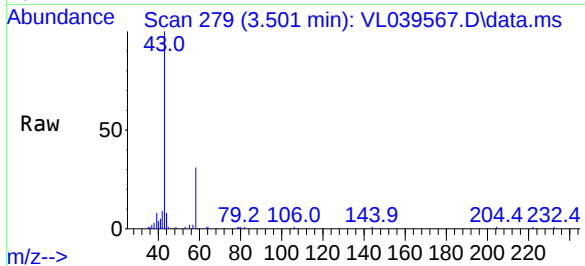




#15
Acetone
Concen: 0.591 ppbv m
RT: 3.501 min Scan# 21
Delta R.T. 0.017 min
Lab File: VL039567.D
Acq: 18 Aug 2022 20:23

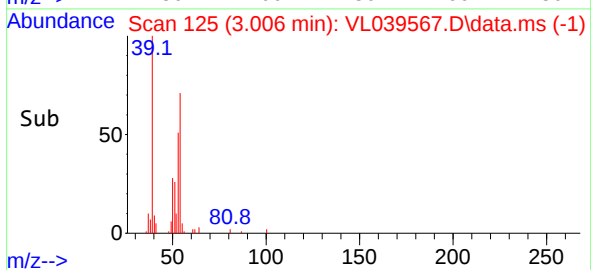
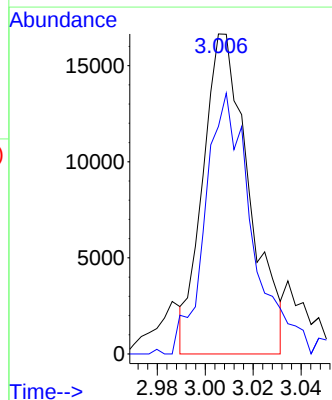
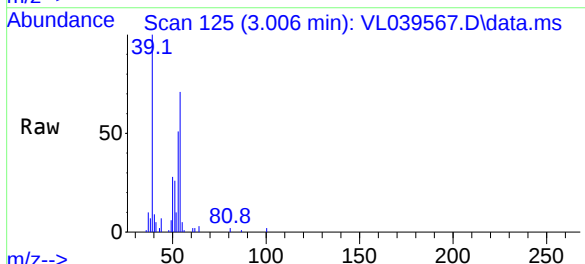
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT3-2022

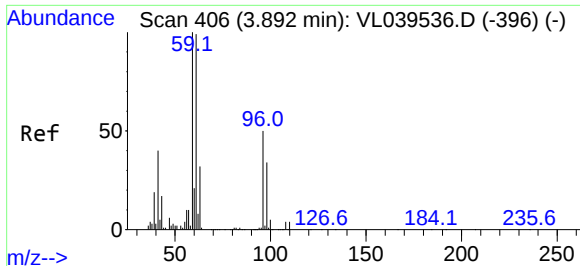
Tgt Ion: 43 Resp: 61313
Ion Ratio Lower Upper
43 100
58 29.5 20.7 31.1



#16
1,3-Butadiene
Concen: 0.413 ppbv
RT: 3.006 min Scan# 125
Delta R.T. 0.001 min
Lab File: VL039567.D
Acq: 18 Aug 2022 20:23

Tgt Ion: 39 Resp: 22269
Ion Ratio Lower Upper
39 100
54 88.9 61.8 92.8

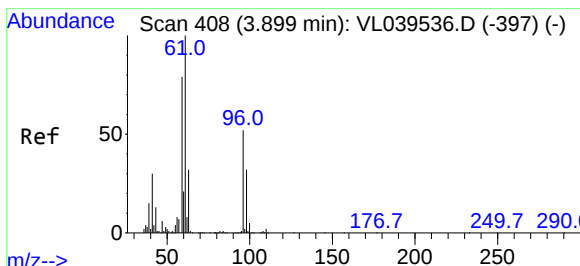
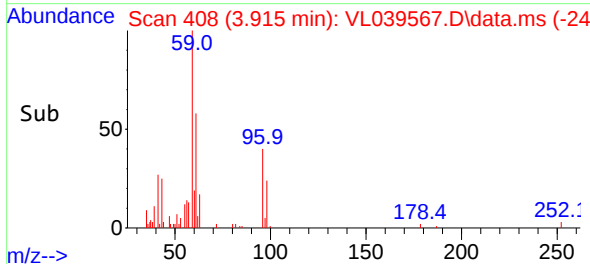
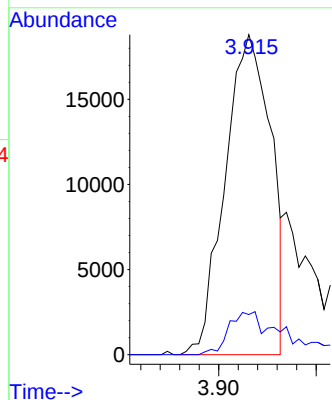
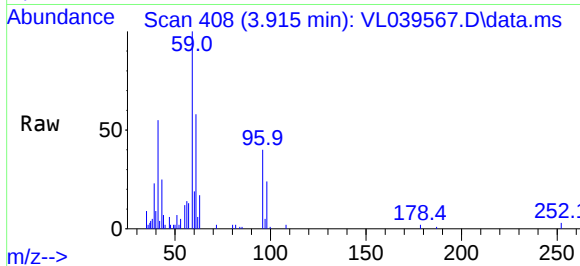




#17
 tert-Butyl alcohol
 Concen: 0.346 ppbv
 RT: 3.915 min Scan# 408
 Delta R.T. 0.023 min
 Lab File: VL039567.D
 Acq: 18 Aug 2022 20:23

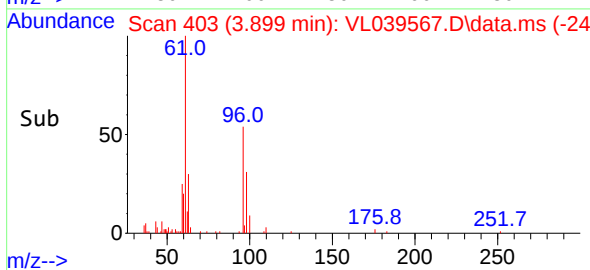
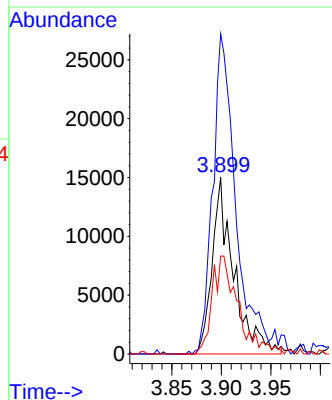
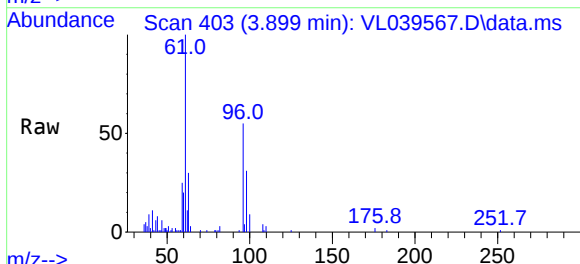
Instrument :
 MSVOA_L
 ClientSampleId :
 LOD-MDL-AIR-01-QT3-2022

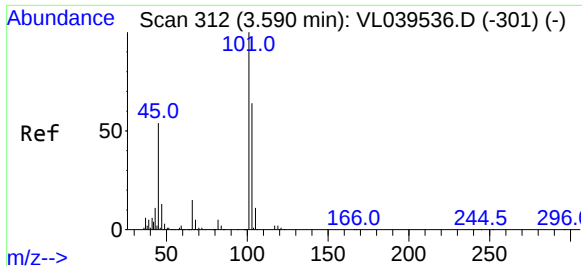
Tgt Ion: 59 Resp: 30702
 Ion Ratio Lower Upper
 59 100
 57 16.7 8.6 12.8#



#18
 1,1-Dichloroethene
 Concen: 0.503 ppbv m
 RT: 3.899 min Scan# 403
 Delta R.T. 0.001 min
 Lab File: VL039567.D
 Acq: 18 Aug 2022 20:23

Tgt Ion: 96 Resp: 22729
 Ion Ratio Lower Upper
 96 100
 61 181.1 153.8 230.6
 98 55.4 48.6 73.0

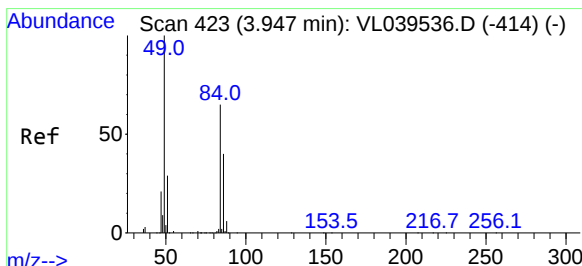
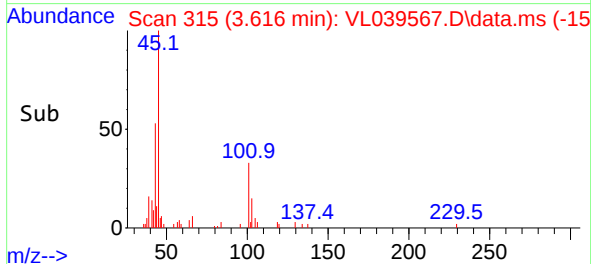
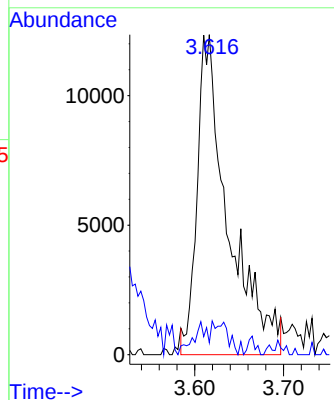
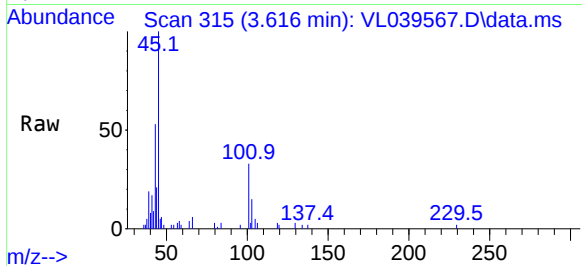




#19
Isopropyl Alcohol
Concen: 0.589 ppbv m
RT: 3.616 min Scan# 312
Delta R.T. 0.027 min
Lab File: VL039567.D
Acq: 18 Aug 2022 20:23

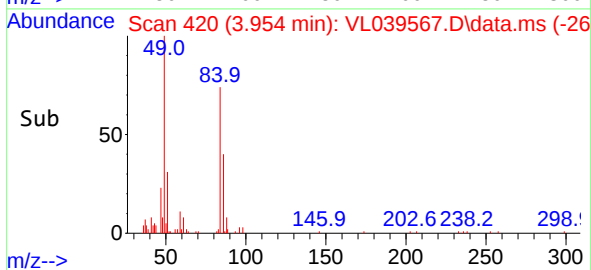
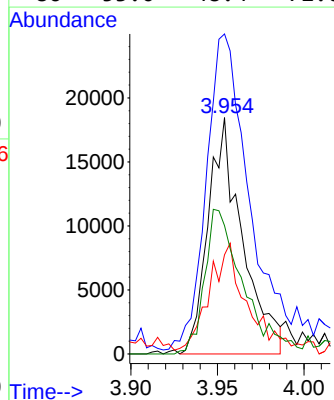
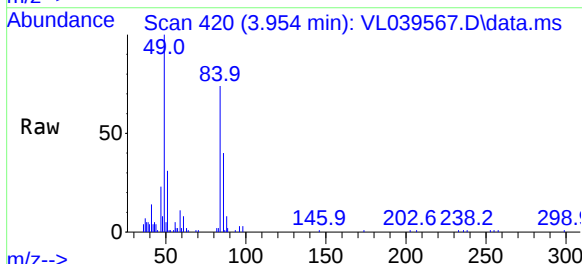
Instrument : MSVOA_1
ClientSampleId :
LOD-MDL-AIR-01-QT3-2022

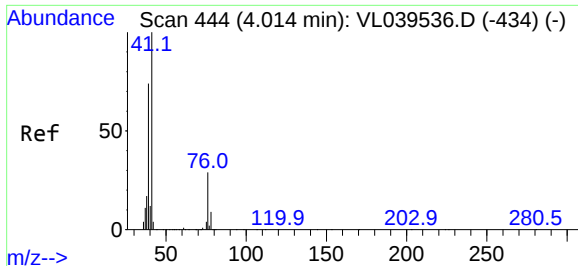
Tgt Ion: 45 Resp: 29888
Ion Ratio Lower Upper
45 100
58 0.0 0.0 0.0



#20
Methylene Chloride
Concen: 0.601 ppbv
RT: 3.954 min Scan# 420
Delta R.T. 0.007 min
Lab File: VL039567.D
Acq: 18 Aug 2022 20:23

Tgt Ion: 84 Resp: 25402
Ion Ratio Lower Upper
84 100
49 130.0 122.2 183.4
51 38.5 35.8 53.6
86 53.0 48.4 72.6

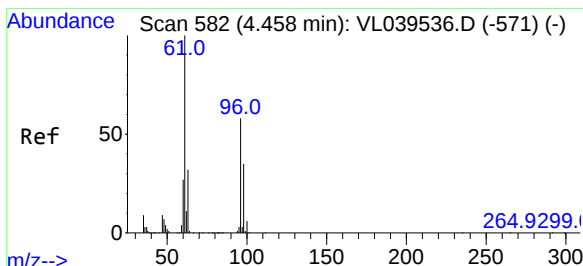
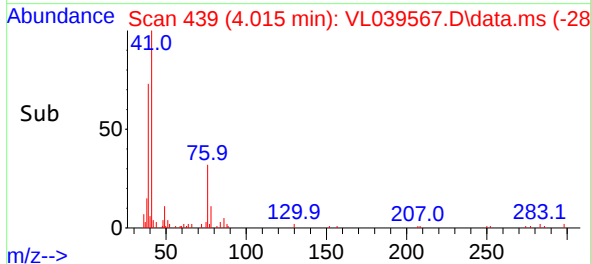
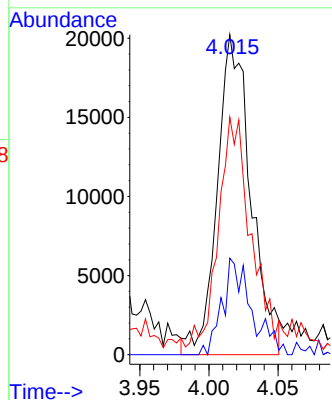
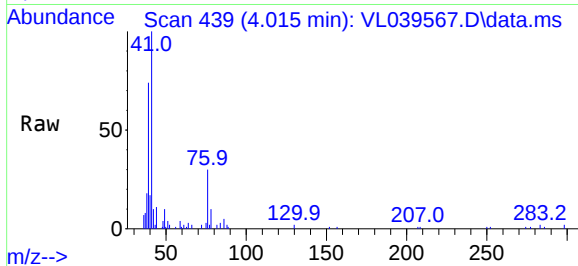




#21
 Allyl Chloride
 Concen: 0.507 ppbv m
 RT: 4.015 min Scan# 41
 Delta R.T. 0.001 min
 Lab File: VL039567.D
 Acq: 18 Aug 2022 20:23

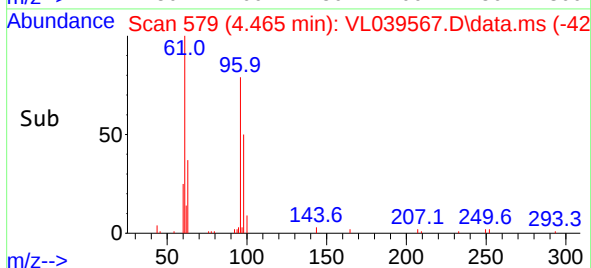
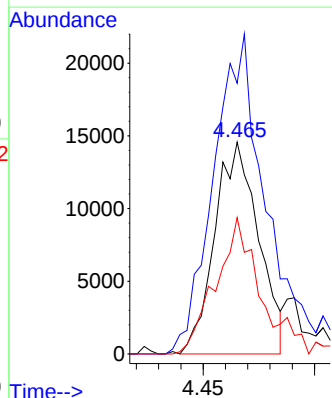
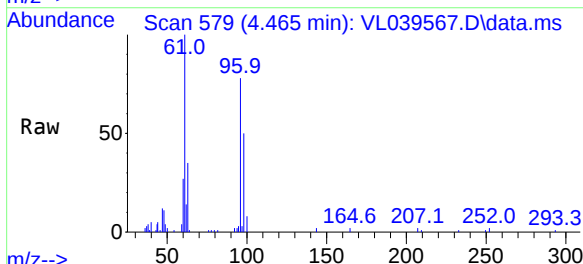
Instrument :
 MSVOA_1
 ClientSampleId :
 LOD-MDL-AIR-01-QT3-2022

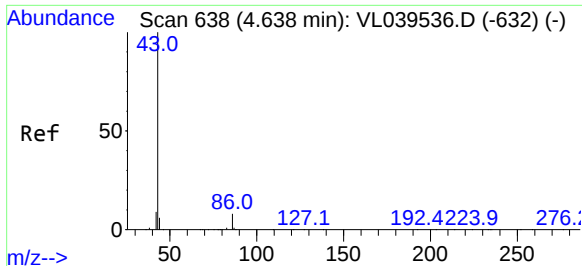
Tgt Ion:	41	Resp:	34216
Ion	Ratio	Lower	Upper
41	100		
76	27.5	23.1	34.7
39	79.6	63.4	95.2



#22
 trans-1,2-Dichloroethene
 Concen: 0.444 ppbv
 RT: 4.465 min Scan# 579
 Delta R.T. 0.007 min
 Lab File: VL039567.D
 Acq: 18 Aug 2022 20:23

Tgt Ion:	96	Resp:	19923
Ion	Ratio	Lower	Upper
96	100		
61	118.6	138.1	207.1#
98	63.2	48.8	73.2

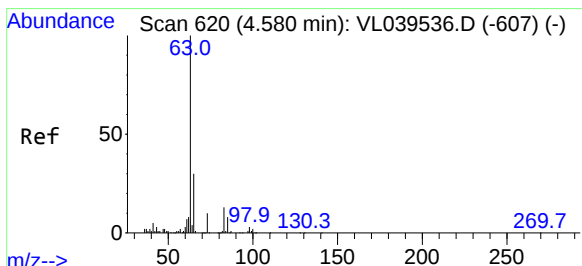
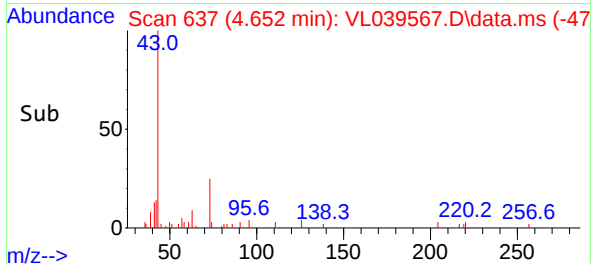
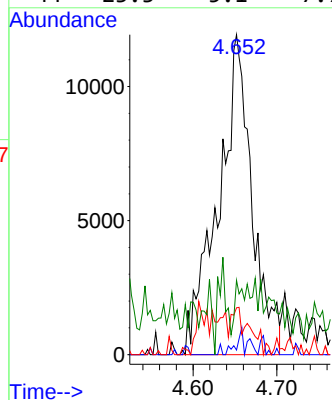
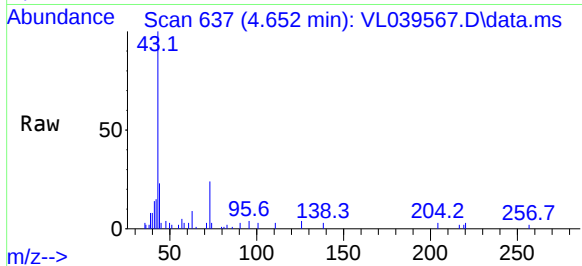




#23
 Vinyl Acetate
 Concen: 0.636 ppbv m
 RT: 4.652 min Scan# 615
 Delta R.T. 0.014 min
 Lab File: VL039567.D
 Acq: 18 Aug 2022 20:23

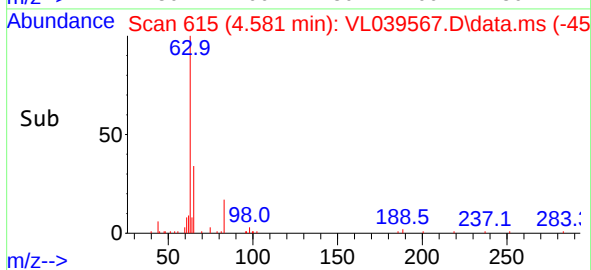
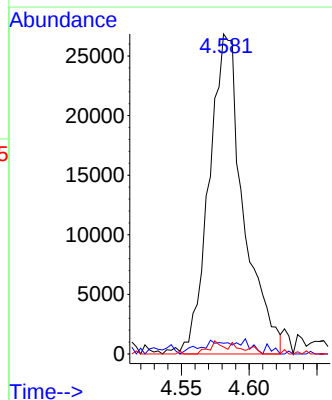
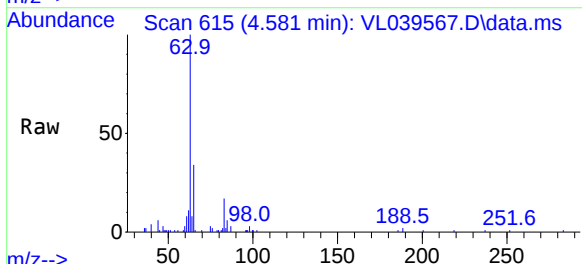
Instrument : MSVOA_1
 ClientSampleId :
 LOD-MDL-AIR-01-QT3-2022

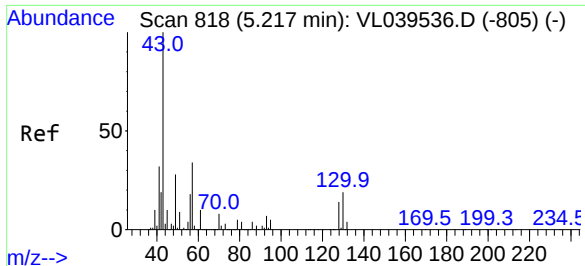
Tgt Ion:	43	Resp:	33212
Ion	Ratio	Lower	Upper
43	100		
86	1.5	5.3	7.9#
42	14.7	8.7	13.1#
44	23.3	5.1	7.7#



#24
 1,1-Dichloroethane
 Concen: 0.512 ppbv
 RT: 4.581 min Scan# 615
 Delta R.T. 0.001 min
 Lab File: VL039567.D
 Acq: 18 Aug 2022 20:23

Tgt Ion:	63	Resp:	47077
Ion	Ratio	Lower	Upper
63	100		
98	3.4	1.7	5.0
100	2.2	1.1	3.3





#25

Ethyl Acetate

Concen: 0.430 ppbv

RT: 5.234 min Scan# 816

Delta R.T. 0.017 min

Lab File: VL039567.D

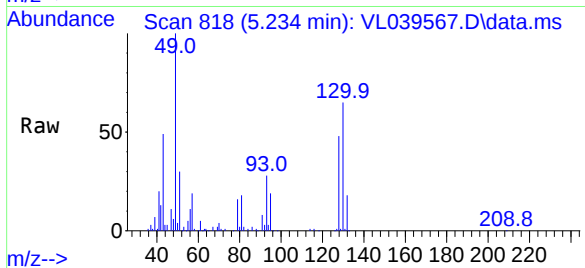
Acq: 18 Aug 2022 20:23

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT3-2022



Tgt Ion: 43 Resp: 95145

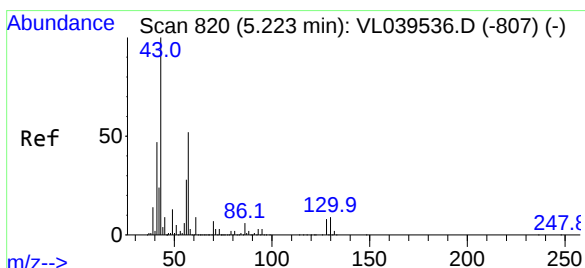
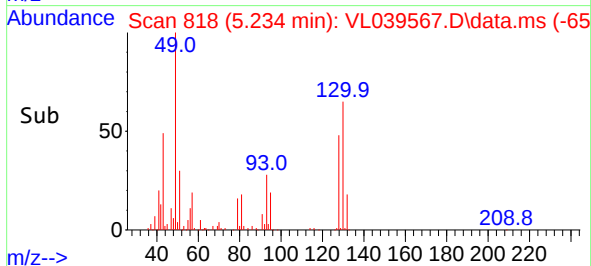
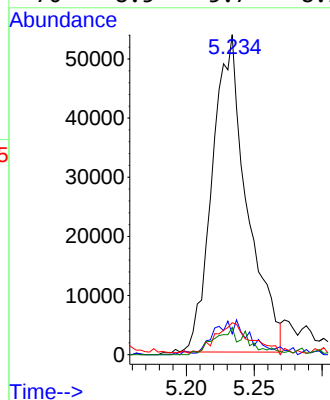
Ion Ratio Lower Upper

43 100

45 12.7 8.2 12.4#

61 11.5 8.6 12.8

70 8.5 5.7 8.5



#26

Hexane

Concen: 0.458 ppbv m

RT: 5.227 min Scan# 816

Delta R.T. 0.004 min

Lab File: VL039567.D

Acq: 18 Aug 2022 20:23

Tgt Ion: 57 Resp: 41617

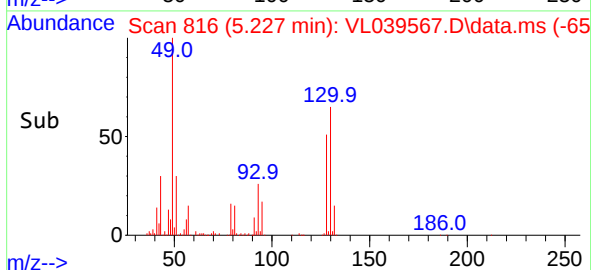
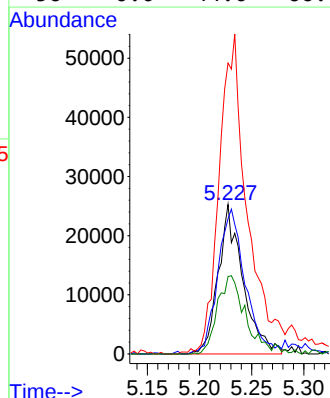
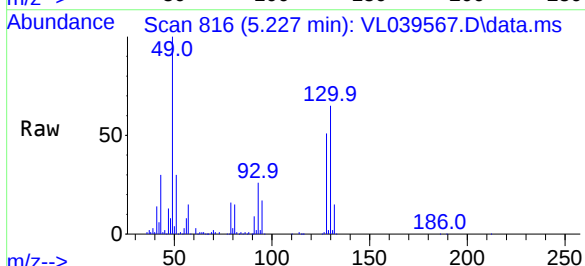
Ion Ratio Lower Upper

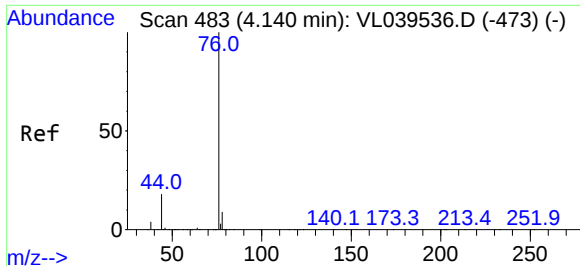
57 100

41 0.0 79.4 119.2#

43 0.0 199.7 299.5#

56 0.0 44.0 66.0#

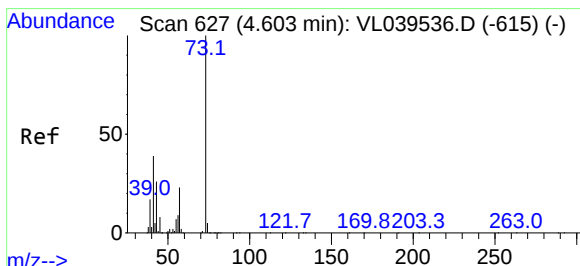
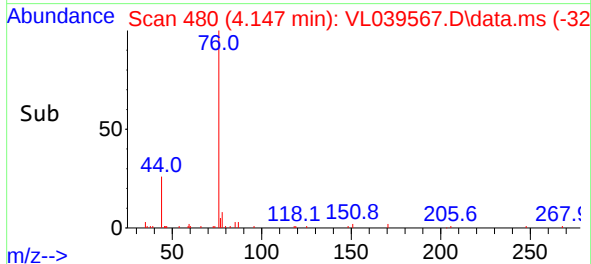
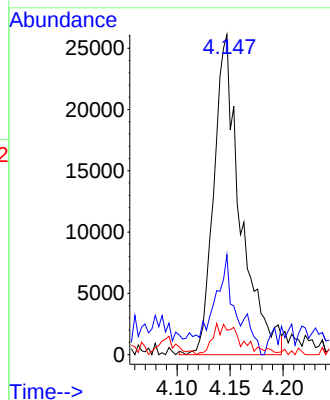
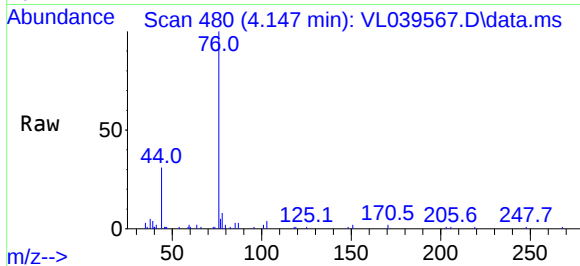




#27
Carbon Disulfide
Concen: 0.469 ppbv m
RT: 4.147 min Scan# 41
Delta R.T. 0.007 min
Lab File: VL039567.D
Acq: 18 Aug 2022 20:23

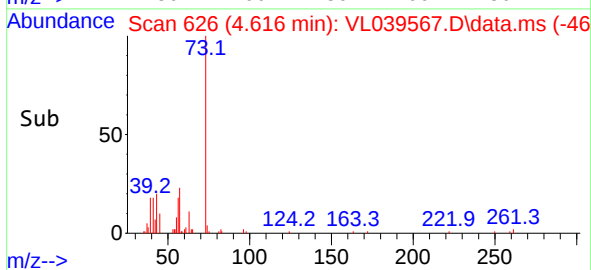
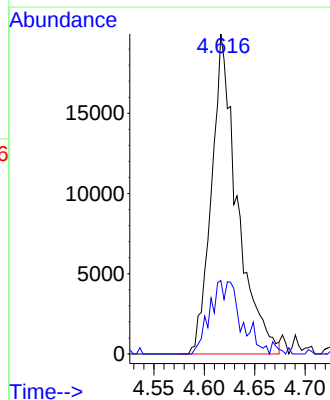
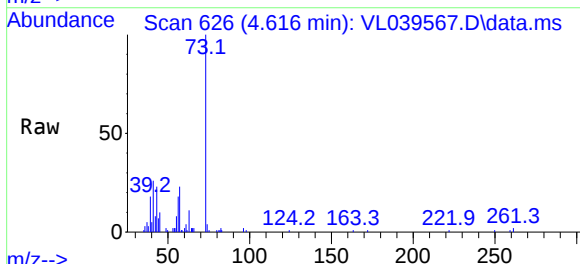
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT3-2022

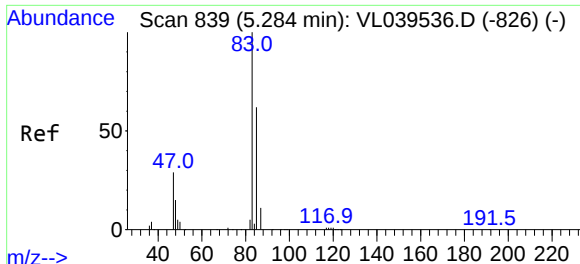
Tgt Ion: 76 Resp: 45403
Ion Ratio Lower Upper
76 100
44 25.9 16.3 24.5#
78 11.0 7.8 11.6



#28
Methyl tert-Butyl Ether
Concen: 0.443 ppbv m
RT: 4.616 min Scan# 626
Delta R.T. 0.014 min
Lab File: VL039567.D
Acq: 18 Aug 2022 20:23

Tgt Ion: 73 Resp: 35380
Ion Ratio Lower Upper
73 100
57 28.4 19.8 29.6





#29

Chloroform

Concen: 0.496 ppbv

RT: 5.292 min Scan# 81

Delta R.T. 0.007 min

Lab File: VL039567.D

Acq: 18 Aug 2022 20:23

Instrument :

MSVOA_L

ClientSampleId :

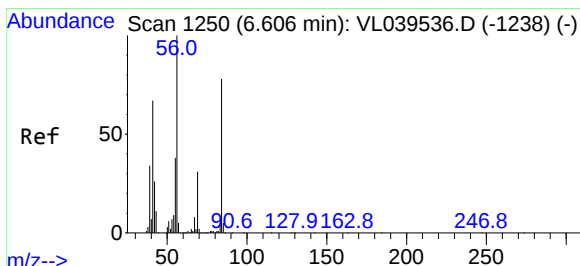
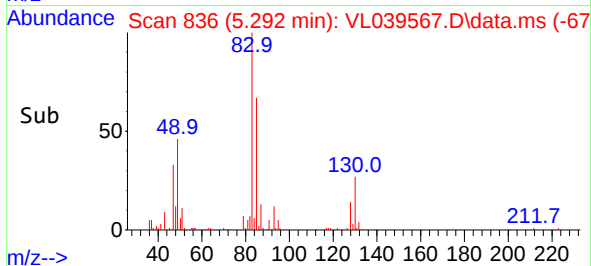
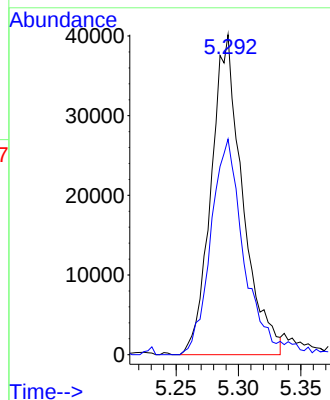
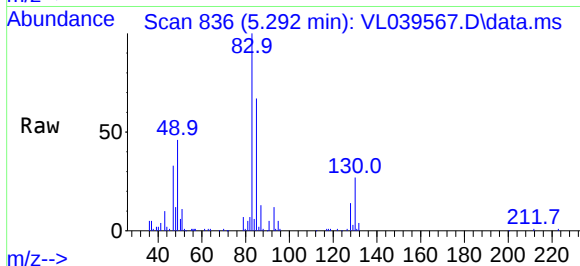
LOD-MDL-AIR-01-QT3-2022

Tgt Ion: 83 Resp: 70477

Ion Ratio Lower Upper

83 100

85 66.8 49.8 74.8



#30

Cyclohexane

Concen: 0.433 ppbv m

RT: 6.620 min Scan# 1249

Delta R.T. 0.014 min

Lab File: VL039567.D

Acq: 18 Aug 2022 20:23

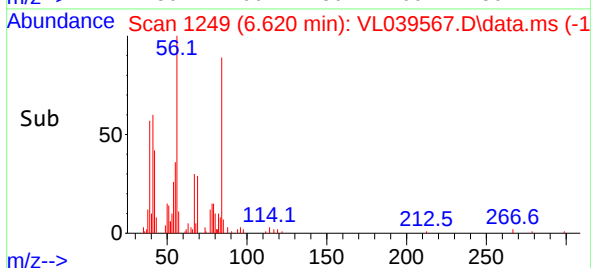
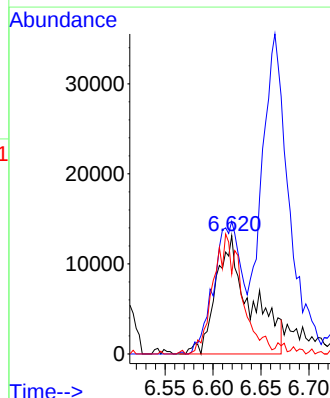
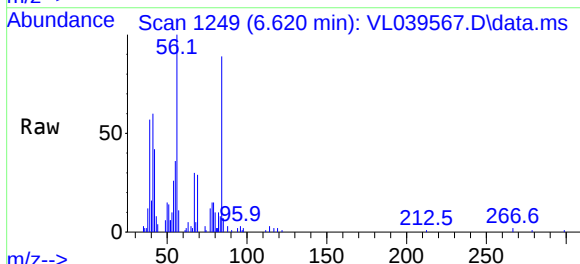
Tgt Ion: 84 Resp: 32668

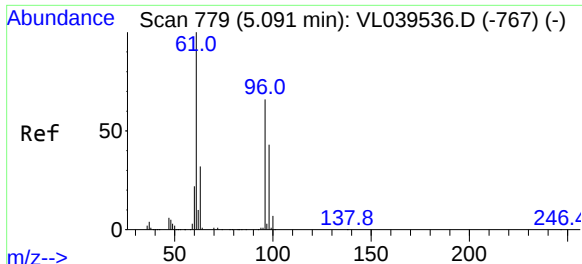
Ion Ratio Lower Upper

84 100

56 94.3 0.0 0.0#

41 89.1 0.0 0.0#

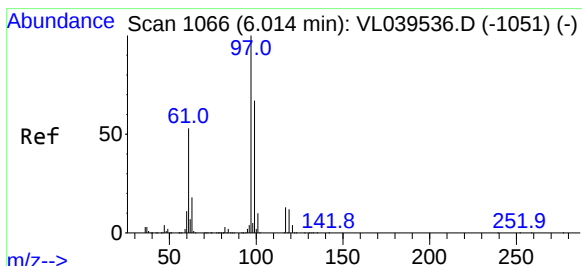
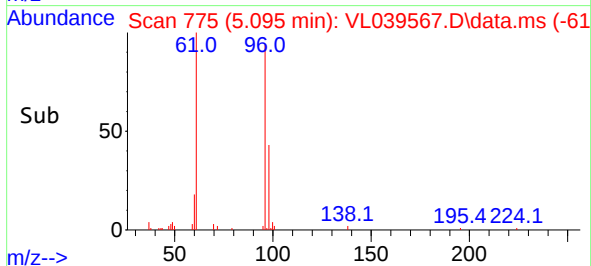
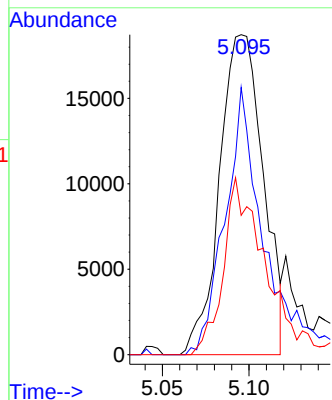
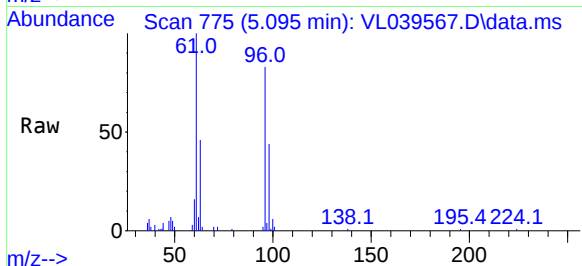




#31
 cis-1,2-Dichloroethene
 Concen: 0.374 ppbv
 RT: 5.095 min Scan# 71
 Delta R.T. 0.004 min
 Lab File: VL039567.D
 Acq: 18 Aug 2022 20:23

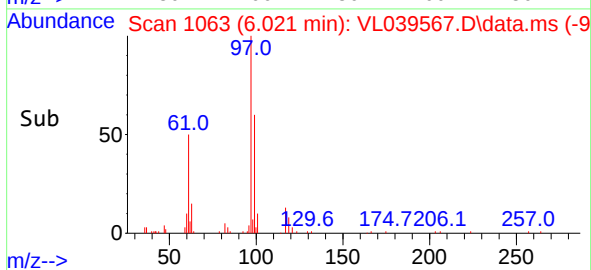
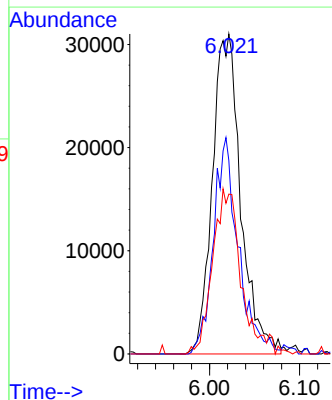
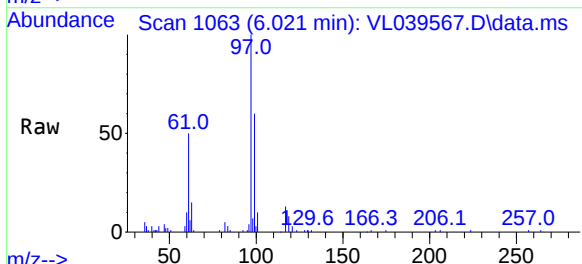
Instrument :
 MSVOA_1
 ClientSampleId :
 LOD-MDL-AIR-01-QT3-2022

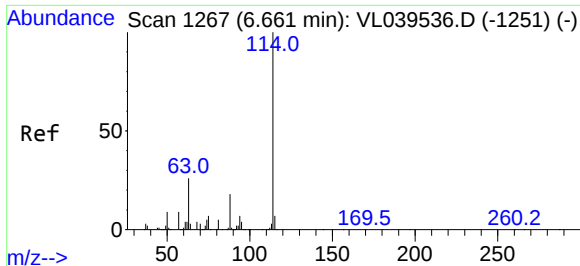
Tgt Ion: 61 Resp: 32832
 Ion Ratio Lower Upper
 61 100
 96 83.5 52.9 79.3#
 98 43.6 34.5 51.7



#32
 1,1,1-Trichloroethane
 Concen: 0.509 ppbv m
 RT: 6.021 min Scan# 1063
 Delta R.T. 0.007 min
 Lab File: VL039567.D
 Acq: 18 Aug 2022 20:23

Tgt Ion: 97 Resp: 67899
 Ion Ratio Lower Upper
 97 100
 99 0.0 52.4 78.6#
 61 52.1 42.9 64.3

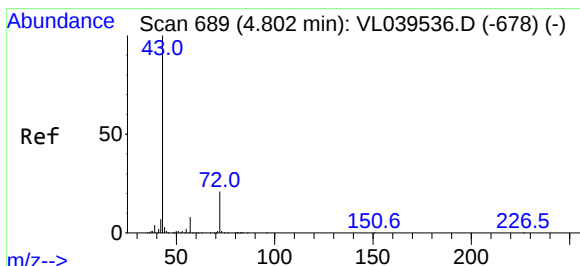
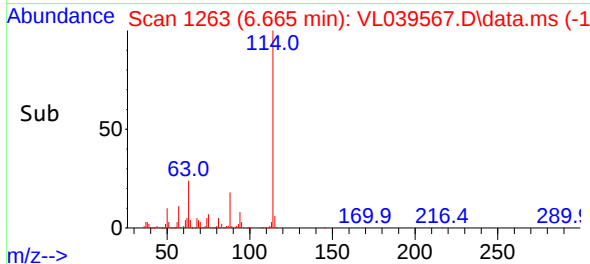
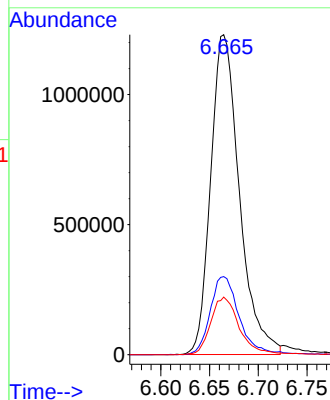
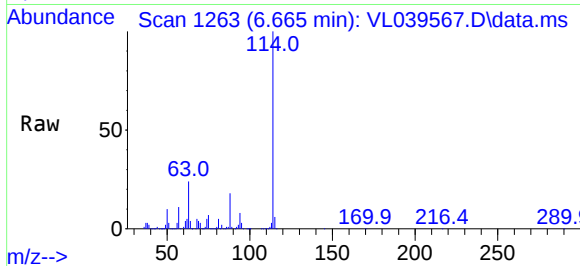




#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.665 min Scan# 114
Delta R.T. 0.004 min
Lab File: VL039567.D
Acq: 18 Aug 2022 20:23

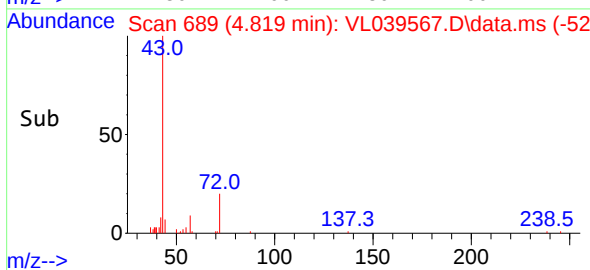
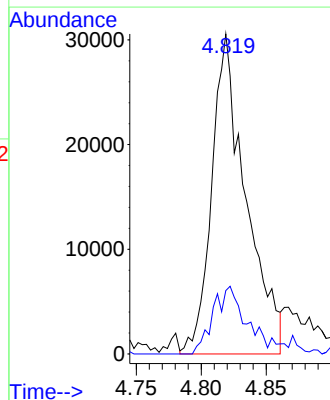
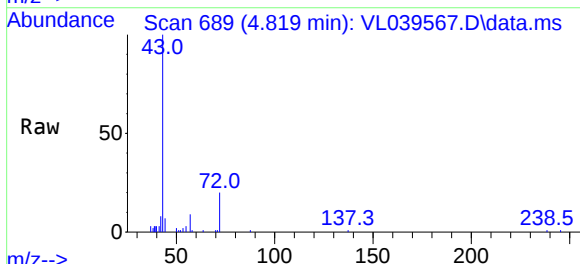
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT3-2022

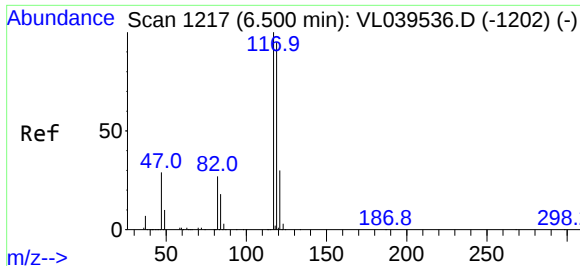
Tgt Ion:114 Resp: 2520039
Ion Ratio Lower Upper
114 100
63 25.0 20.6 31.0
88 18.3 14.6 22.0



#34
2-Butanone
Concen: 0.440 ppbv
RT: 4.819 min Scan# 689
Delta R.T. 0.017 min
Lab File: VL039567.D
Acq: 18 Aug 2022 20:23

Tgt Ion: 43 Resp: 55733
Ion Ratio Lower Upper
43 100
72 23.5 17.4 26.0

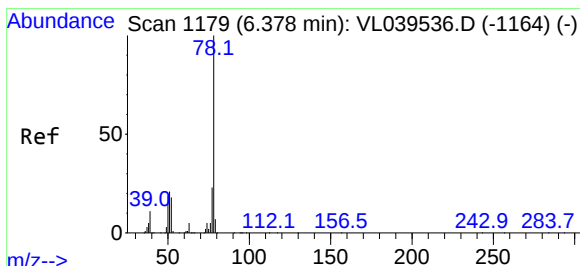
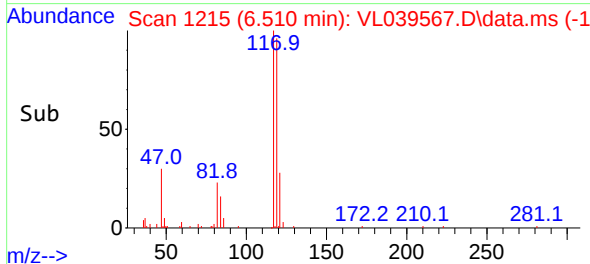
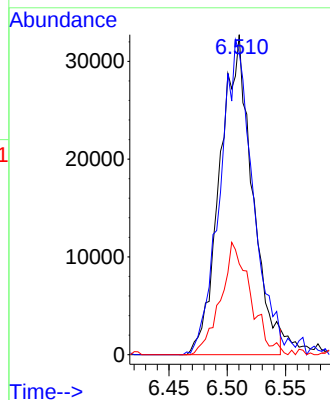
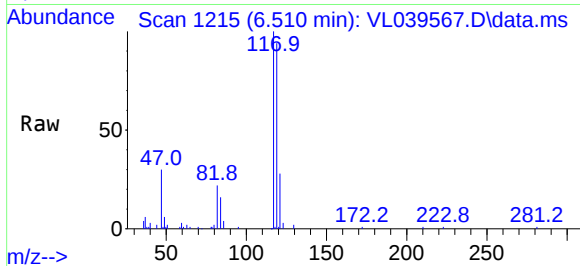




#35
Carbon Tetrachloride
Concen: 0.444 ppbv
RT: 6.510 min Scan# 1176
Delta R.T. 0.010 min
Lab File: VL039567.D
Acq: 18 Aug 2022 20:23

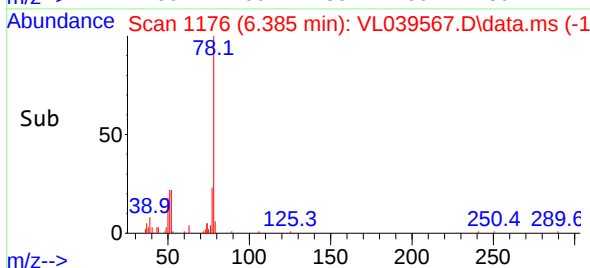
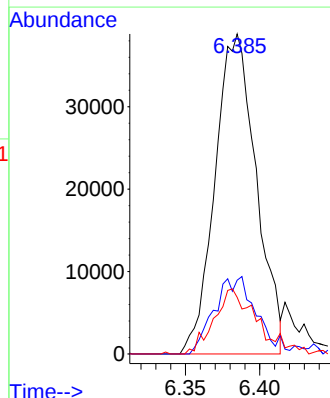
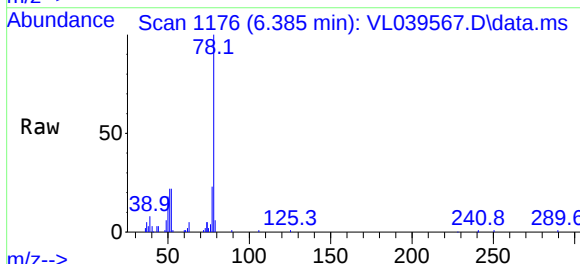
Instrument : MSVOA_1
ClientSampleId :
LOD-MDL-AIR-01-QT3-2022

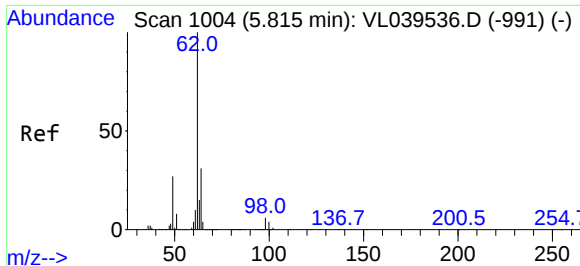
Tgt Ion:117	Resp:	62996
Ion	Ratio	Lower Upper
117	100	
119	94.4	76.2 114.4
121	28.4	24.4 36.6



#36
Benzene
Concen: 0.390 ppbv
RT: 6.385 min Scan# 1176
Delta R.T. 0.007 min
Lab File: VL039567.D
Acq: 18 Aug 2022 20:23

Tgt Ion: 78	Resp:	74902
Ion	Ratio	Lower Upper
78	100	
77	23.0	18.6 27.8
50	17.7	15.0 22.4

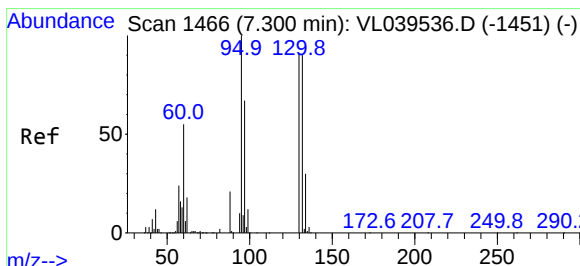
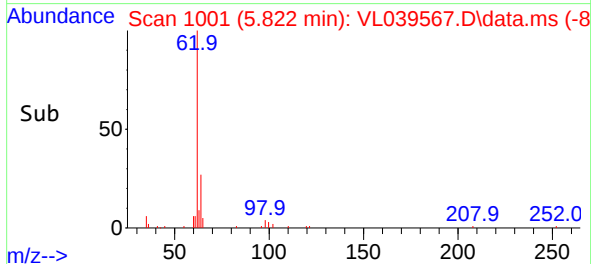
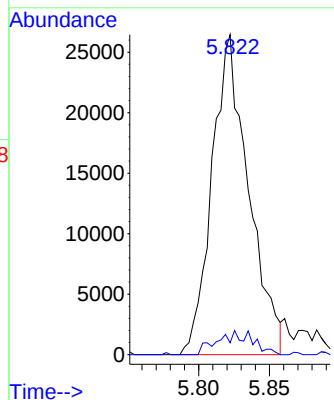
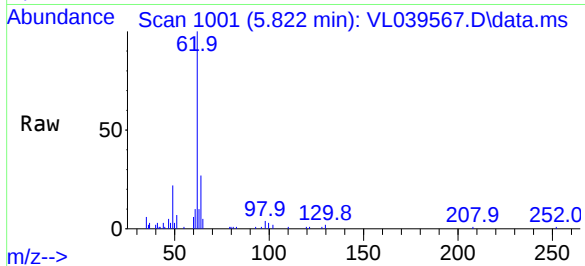




#37
1,2-Dichloroethane
Concen: 0.445 ppbv
RT: 5.822 min Scan# 1001
Delta R.T. 0.007 min
Lab File: VL039567.D
Acq: 18 Aug 2022 20:23

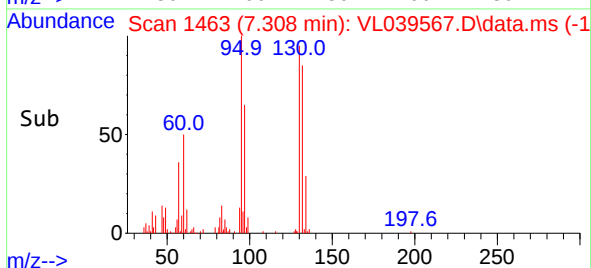
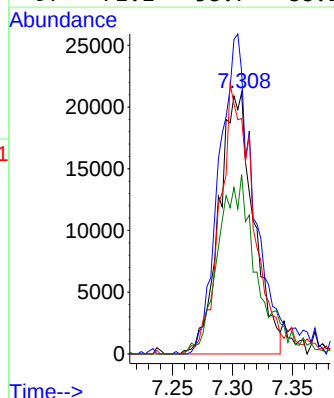
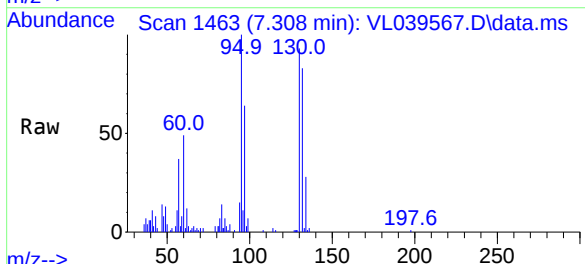
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT3-2022

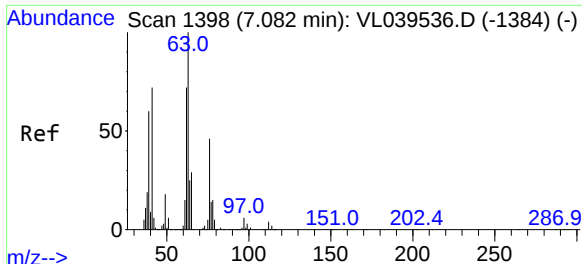
Tgt Ion: 62 Resp: 47483
Ion Ratio Lower Upper
62 100
98 7.2 5.4 8.2



#38
Trichloroethene
Concen: 0.405 ppbv
RT: 7.308 min Scan# 1463
Delta R.T. 0.007 min
Lab File: VL039567.D
Acq: 18 Aug 2022 20:23

Tgt Ion: 130 Resp: 42239
Ion Ratio Lower Upper
130 100
95 111.9 88.0 132.0
132 93.3 79.1 118.7
97 71.1 58.7 88.1





#39

1,2-Dichloropropane

Concen: 0.444 ppbv

RT: 7.086 min Scan# 11

Delta R.T. 0.004 min

Lab File: VL039567.D

Acq: 18 Aug 2022 20:23

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT3-2022

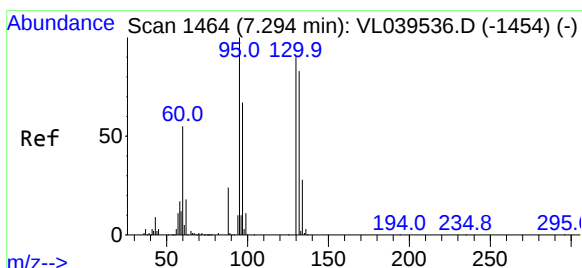
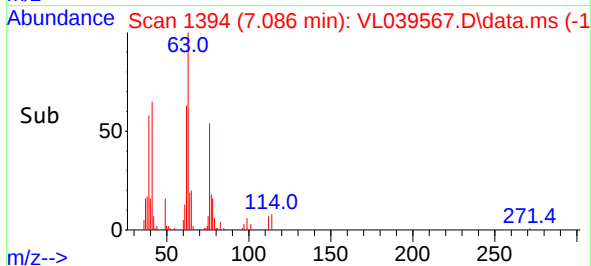
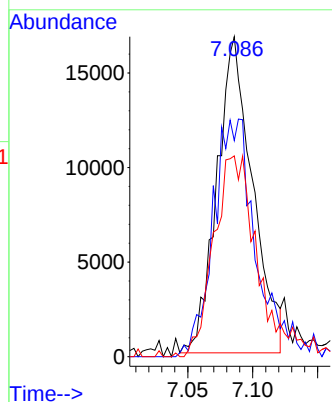
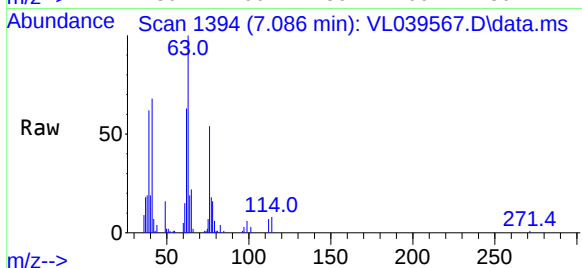
Tgt Ion: 63 Resp: 31930

Ion Ratio Lower Upper

63 100

41 67.1 58.0 87.0

62 63.5 57.8 86.8



#40

1,4-Dioxane

Concen: 0.407 ppbv m

RT: 7.333 min Scan# 1471

Delta R.T. 0.039 min

Lab File: VL039567.D

Acq: 18 Aug 2022 20:23

Tgt Ion: 88 Resp: 11619

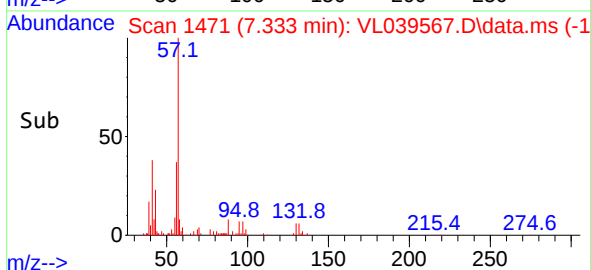
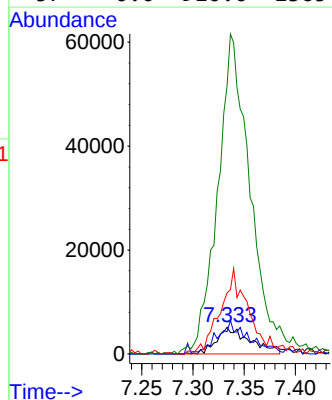
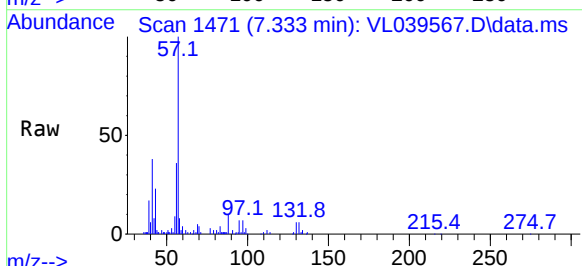
Ion Ratio Lower Upper

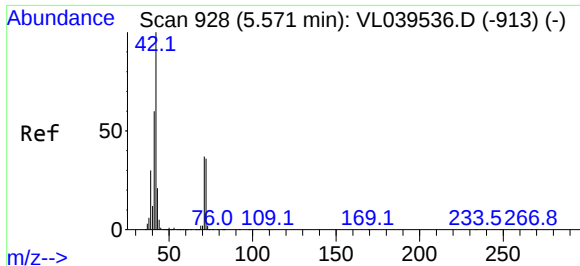
88 100

58 0.0 102.8 154.2#

43 0.0 216.2 324.2#

57 0.0 910.0 1365.0#

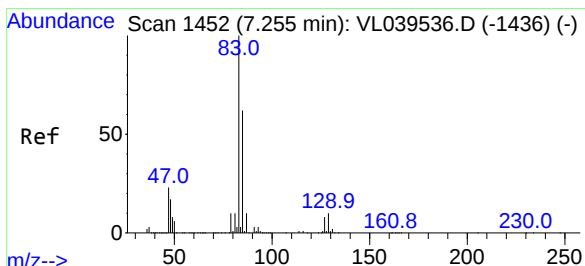
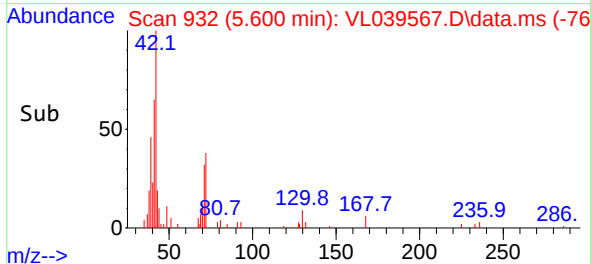
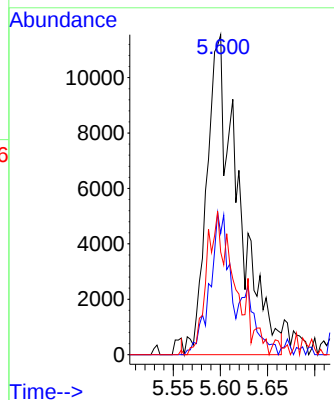
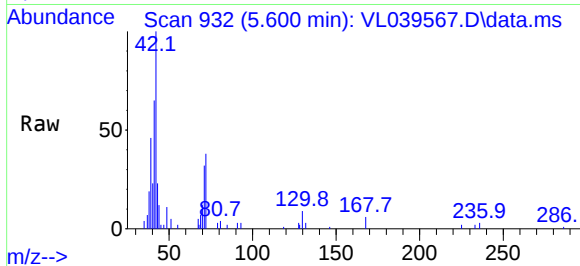




#41
Tetrahydrofuran
Concen: 0.360 ppbv m
RT: 5.600 min Scan# 91
Delta R.T. 0.030 min
Lab File: VL039567.D
Acq: 18 Aug 2022 20:23

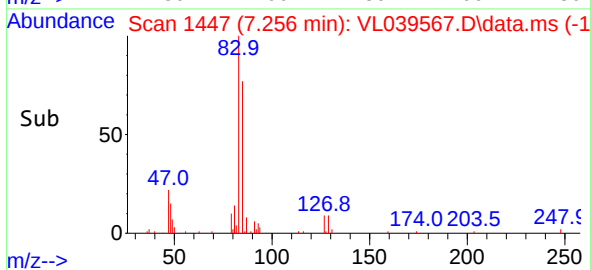
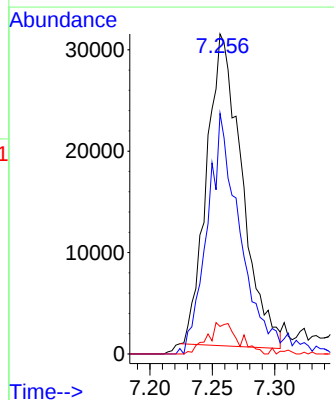
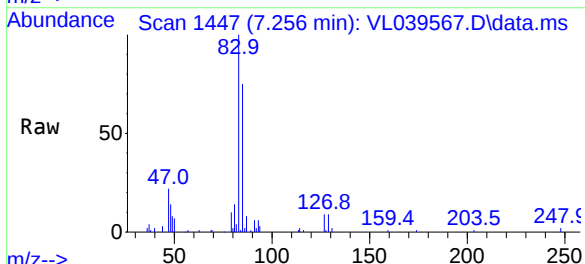
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT3-2022

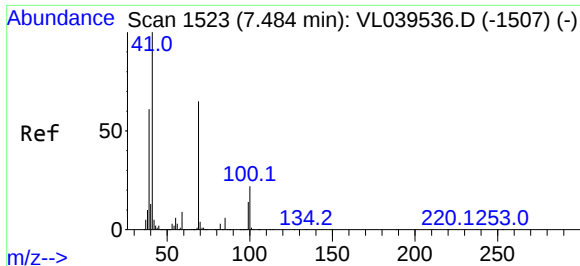
Tgt Ion: 42 Resp: 26816
Ion Ratio Lower Upper
42 100
72 0.0 30.6 45.8#
71 0.0 30.7 46.1#



#42
Bromodichloromethane
Concen: 0.415 ppbv
RT: 7.256 min Scan# 1447
Delta R.T. 0.001 min
Lab File: VL039567.D
Acq: 18 Aug 2022 20:23

Tgt Ion: 83 Resp: 60466
Ion Ratio Lower Upper
83 100
85 75.9 49.9 74.9#
127 10.0 6.7 10.1



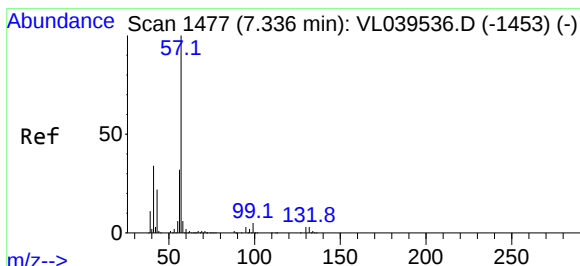
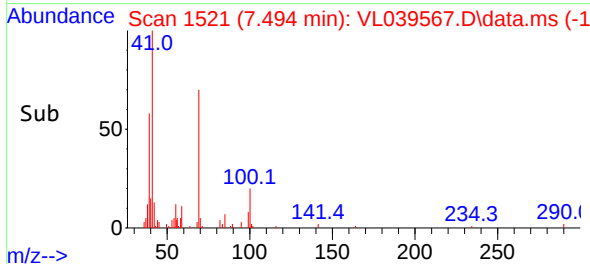
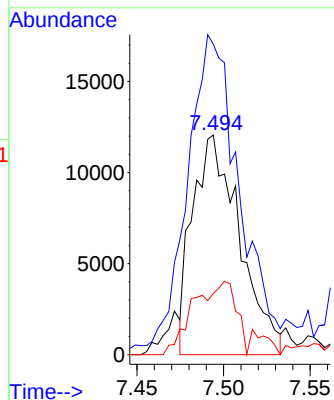
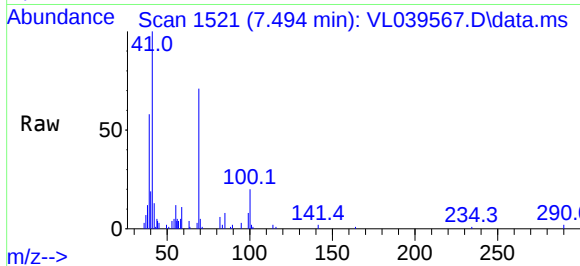


#43
Methyl Methacrylate
Concen: 0.327 ppbv
RT: 7.494 min Scan# 11
Delta R.T. 0.010 min
Lab File: VL039567.D
Acq: 18 Aug 2022 20:23

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT3-2022

Tgt Ion: 69 Resp: 22725

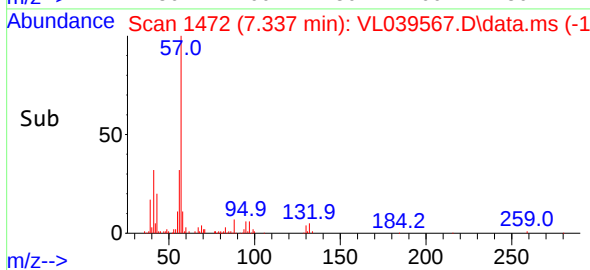
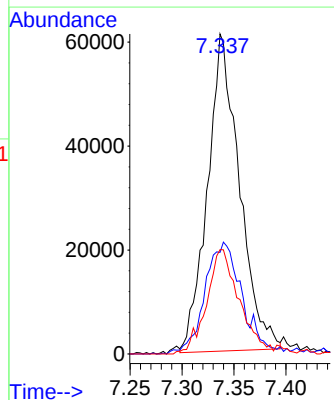
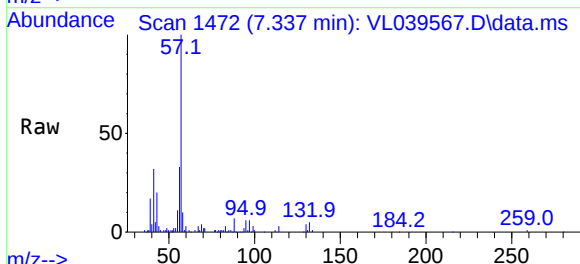
Ion	Ratio	Lower	Upper
69	100		
41	168.8	123.0	184.6
100	35.2	27.4	41.2

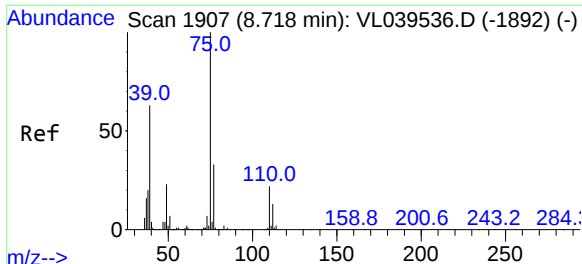


#44
2,2,4-Trimethylpentane
Concen: 0.403 ppbv
RT: 7.337 min Scan# 1472
Delta R.T. 0.001 min
Lab File: VL039567.D
Acq: 18 Aug 2022 20:23

Tgt Ion: 57 Resp: 130551

Ion	Ratio	Lower	Upper
57	100		
41	42.4	27.8	41.6#
56	35.2	25.5	38.3

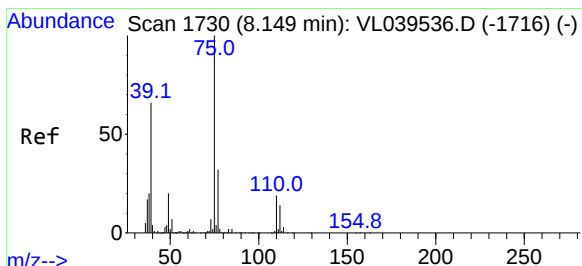
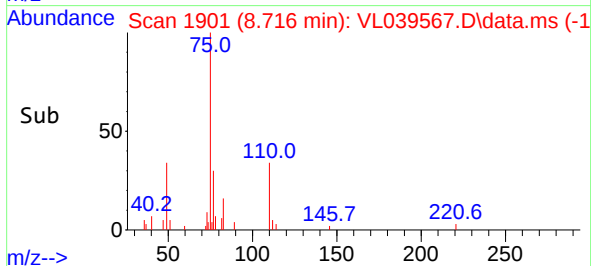
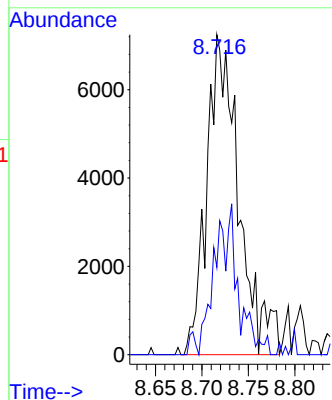
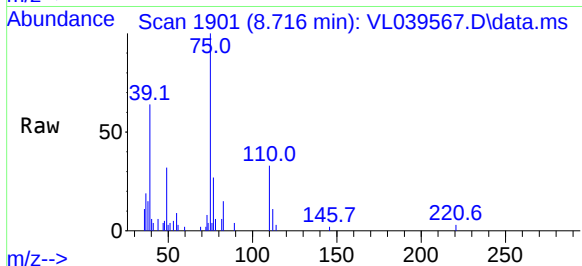




#45
t-1,3-Dichloropropene
Concen: 0.285 ppbv m
RT: 8.716 min Scan# 1907
Delta R.T. -0.002 min
Lab File: VL039567.D
Acq: 18 Aug 2022 20:23

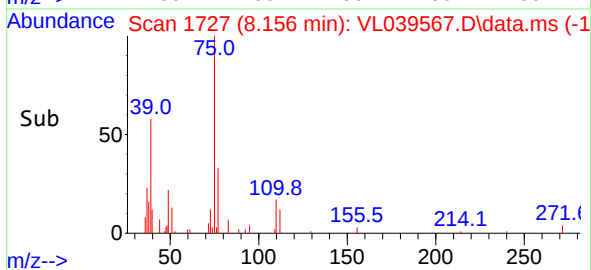
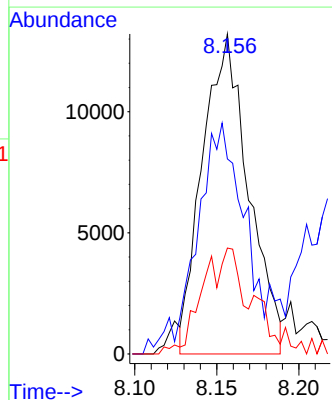
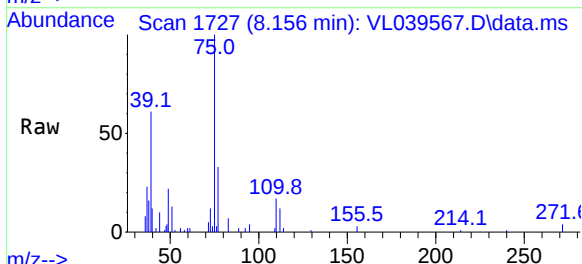
Instrument : MSVOA_1
ClientSampleId : LOD-MDL-AIR-01-QT3-2022

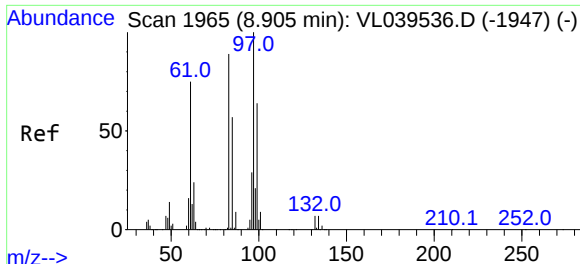
Tgt Ion: 75 Resp: 17445
Ion Ratio Lower Upper
75 100
77 27.3 26.2 39.2



#46
cis-1,3-Dichloropropene
Concen: 0.306 ppbv
RT: 8.156 min Scan# 1727
Delta R.T. 0.007 min
Lab File: VL039567.D
Acq: 18 Aug 2022 20:23

Tgt Ion: 75 Resp: 25779
Ion Ratio Lower Upper
75 100
39 54.2 52.8 79.2
77 33.8 25.3 37.9

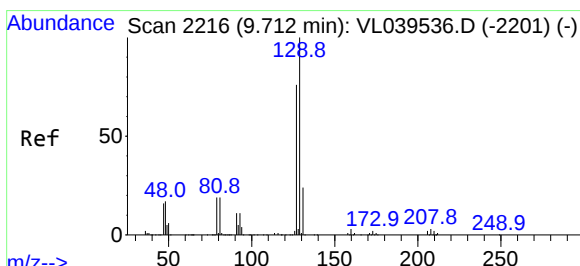
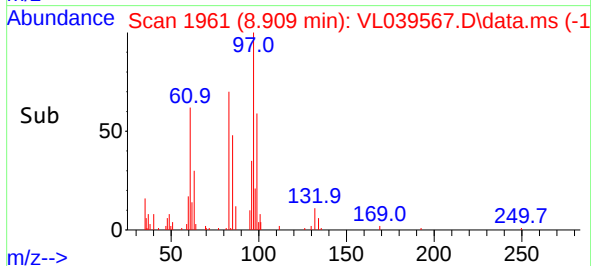
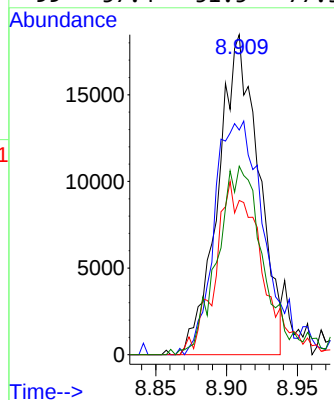
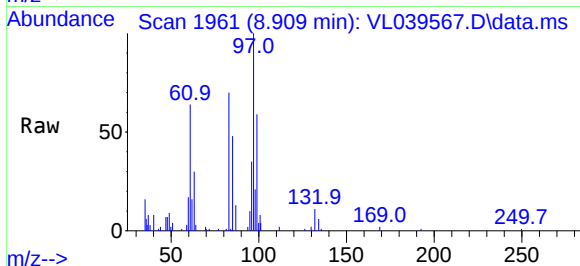




#47
1,1,2-Trichloroethane
Concen: 0.445 ppbv
RT: 8.909 min Scan# 1965
Delta R.T. 0.004 min
Lab File: VL039567.D
Acq: 18 Aug 2022 20:23

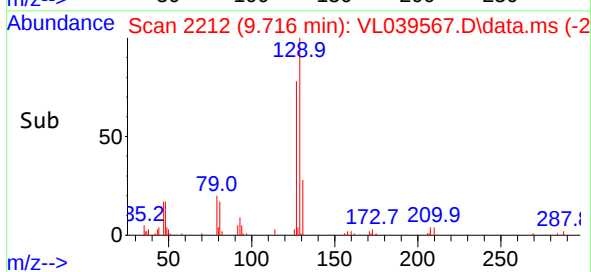
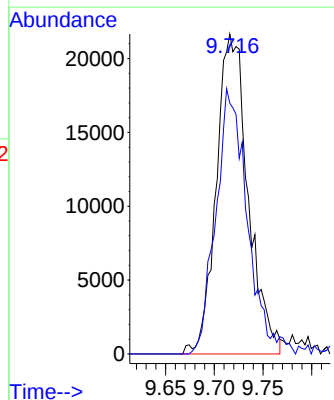
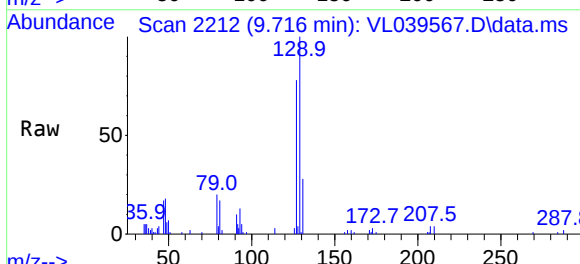
Instrument : MSVOA_1
ClientSampleId : LOD-MDL-AIR-01-QT3-2022

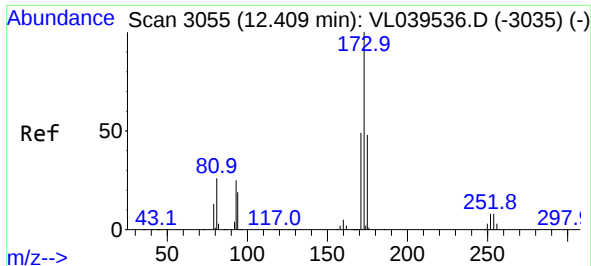
Tgt Ion:	97	Resp:	36687
Ion	Ratio	Lower	Upper
97	100		
83	68.3	70.8	106.2#
85	48.2	45.4	68.2
99	57.4	51.5	77.3



#48
Dibromochloromethane
Concen: 0.401 ppbv m
RT: 9.716 min Scan# 2212
Delta R.T. 0.004 min
Lab File: VL039567.D
Acq: 18 Aug 2022 20:23

Tgt Ion:	129	Resp:	49148
Ion	Ratio	Lower	Upper
129	100		
127	83.8	38.8	116.3

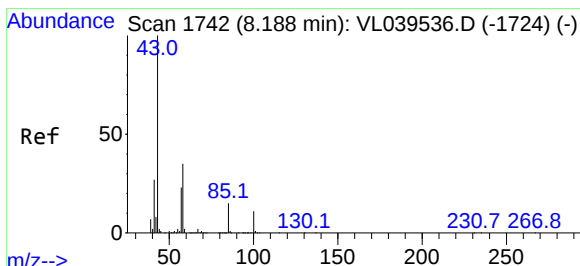
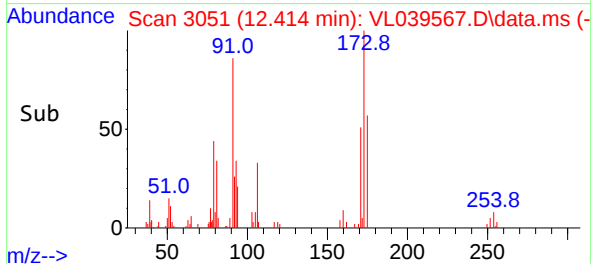
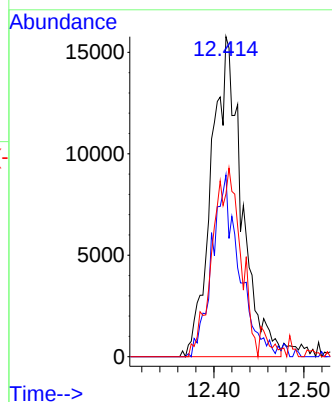
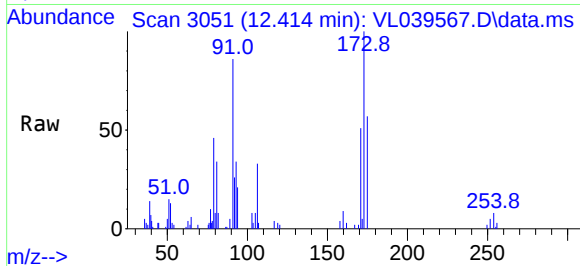




#49
Bromoform
Concen: 0.363 ppbv m
RT: 12.414 min Scan# 3055
Delta R.T. 0.004 min
Lab File: VL039567.D
Acq: 18 Aug 2022 20:23

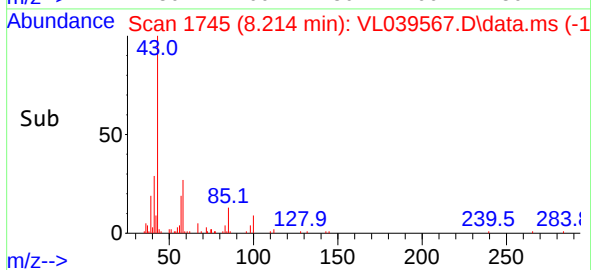
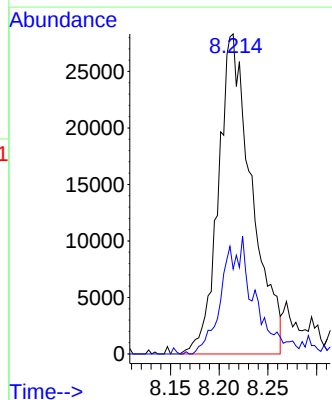
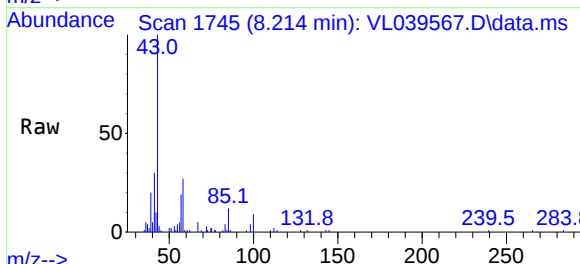
Instrument : MSVOA_1
ClientSampleId :
LOD-MDL-AIR-01-QT3-2022

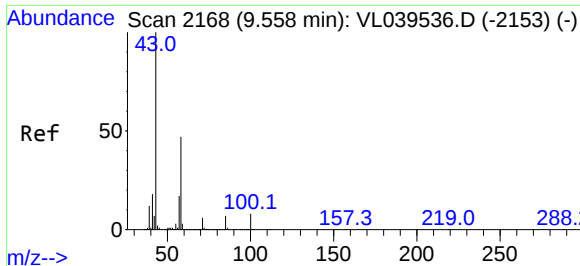
Tgt Ion:173 Resp: 36806
Ion Ratio Lower Upper
173 100
175 52.3 0.0 0.0#
171 58.0 0.0 0.0#



#50
4-Methyl-2-Pentanone
Concen: 0.346 ppbv
RT: 8.214 min Scan# 1745
Delta R.T. 0.027 min
Lab File: VL039567.D
Acq: 18 Aug 2022 20:23

Tgt Ion: 43 Resp: 67443
Ion Ratio Lower Upper
43 100
58 35.8 28.0 42.0

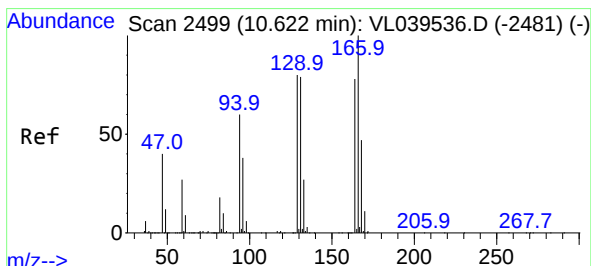
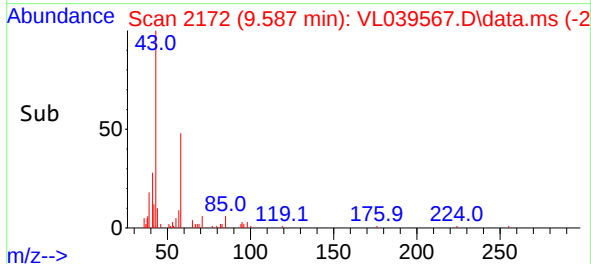
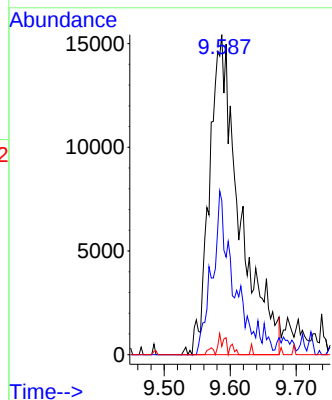
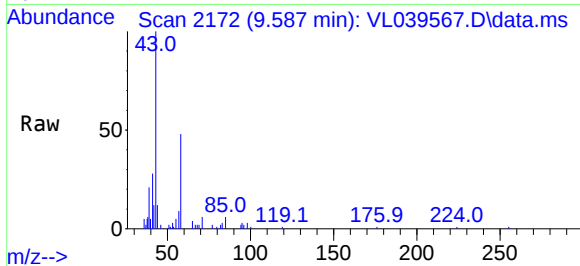




#51
2-Hexanone
Concen: 0.340 ppbv m
RT: 9.587 min Scan# 2168
Delta R.T. 0.030 min
Lab File: VL039567.D
Acq: 18 Aug 2022 20:23

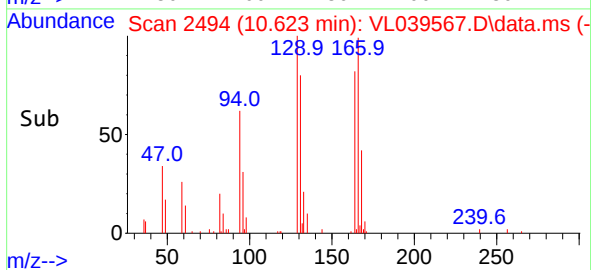
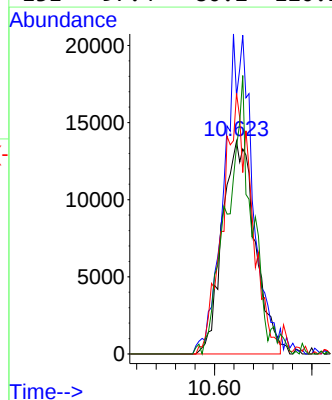
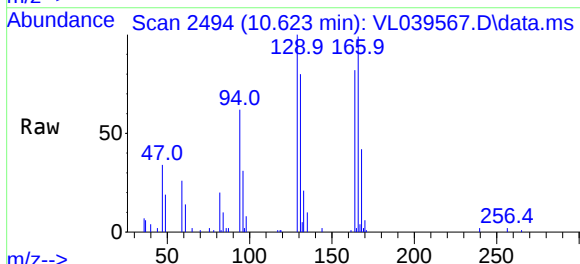
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT3-2022

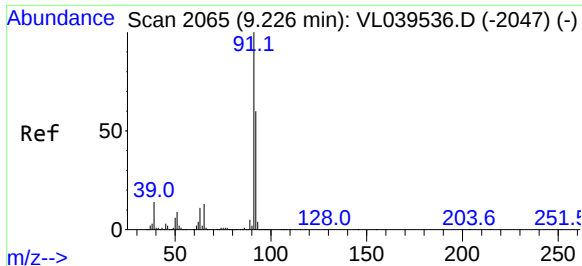
Tgt Ion: 43 Resp: 48828
Ion Ratio Lower Upper
43 100
58 34.2 37.5 56.3#
98 2.3 0.5 0.7#



#52
Tetrachloroethene
Concen: 0.428 ppbv m
RT: 10.623 min Scan# 2494
Delta R.T. 0.001 min
Lab File: VL039567.D
Acq: 18 Aug 2022 20:23

Tgt Ion:164 Resp: 32206
Ion Ratio Lower Upper
164 100
166 121.2 102.0 153.0
129 122.5 81.7 122.5
131 97.4 80.2 120.2

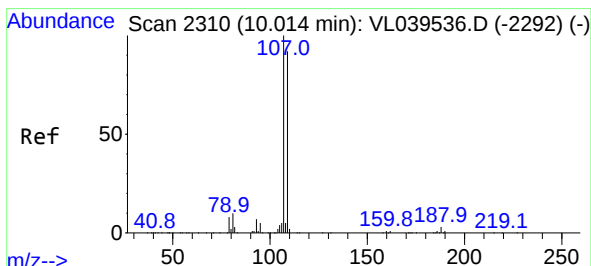
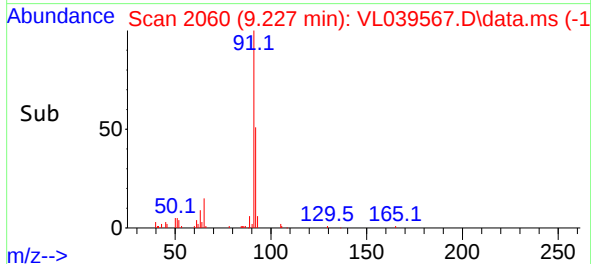
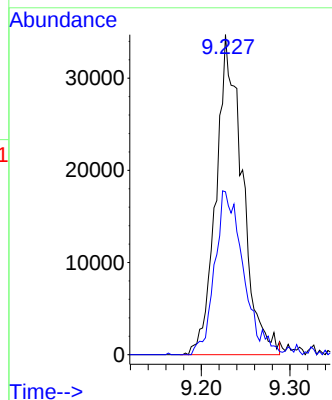
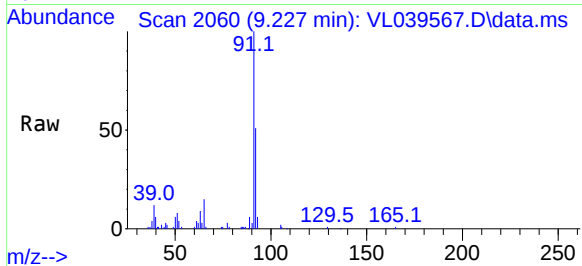




#53
Toluene
Concen: 0.333 ppbv m
RT: 9.227 min Scan# 2065
Delta R.T. 0.001 min
Lab File: VL039567.D
Acq: 18 Aug 2022 20:23

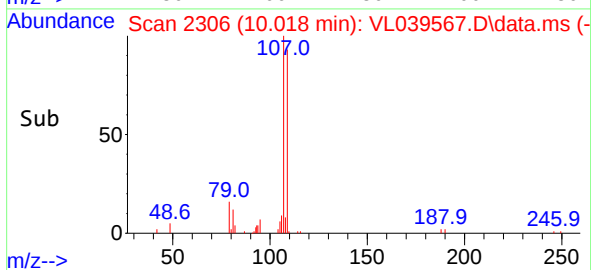
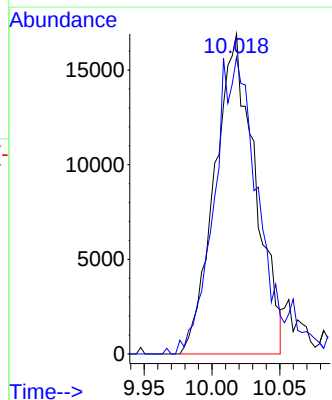
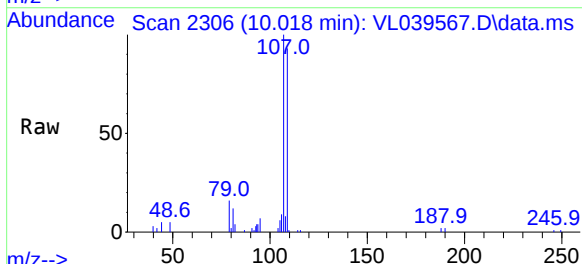
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT3-2022

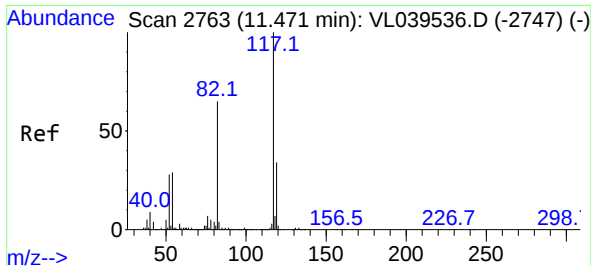
Tgt Ion: 91 Resp: 71744
Ion Ratio Lower Upper
91 100
92 56.9 47.9 71.9



#54
1,2-Dibromoethane
Concen: 0.372 ppbv
RT: 10.018 min Scan# 2306
Delta R.T. 0.004 min
Lab File: VL039567.D
Acq: 18 Aug 2022 20:23

Tgt Ion: 107 Resp: 34984
Ion Ratio Lower Upper
107 100
109 89.6 73.4 110.2

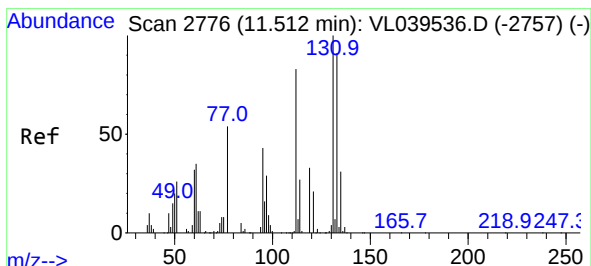
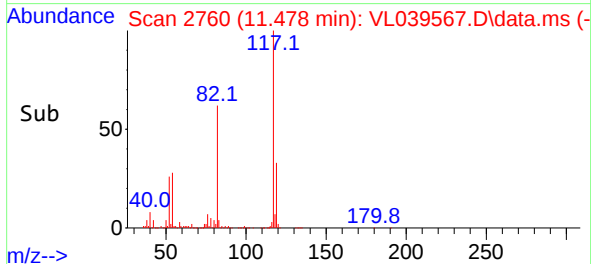
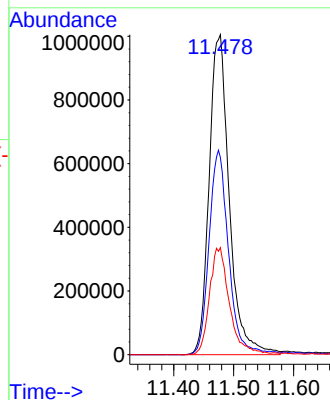
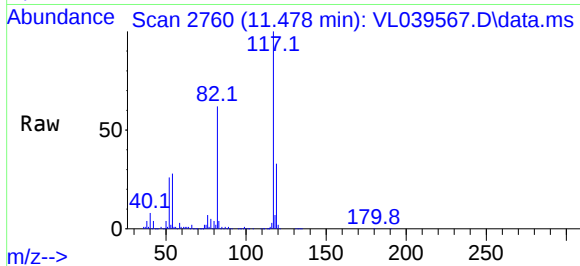




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.478 min Scan# 21
Delta R.T. 0.007 min
Lab File: VL039567.D
Acq: 18 Aug 2022 20:23

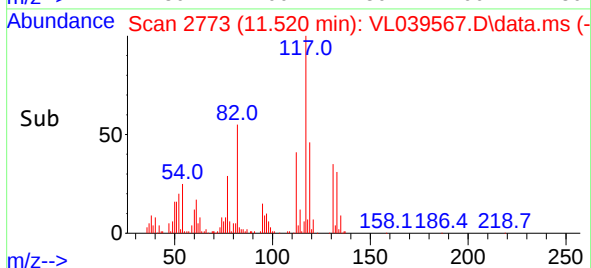
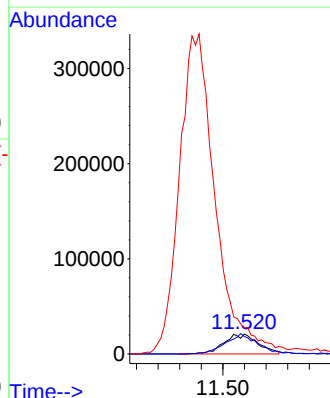
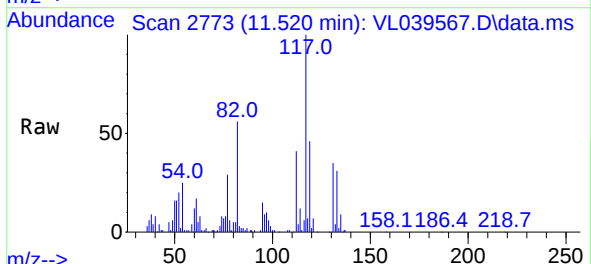
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT3-2022

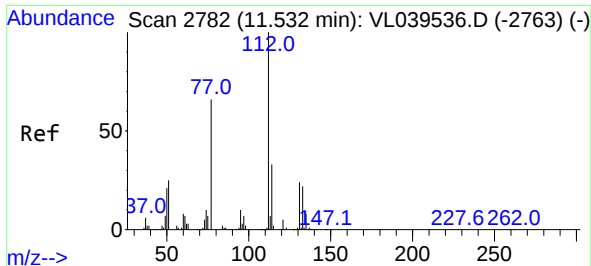
Tgt Ion:117 Resp: 2346904
Ion Ratio Lower Upper
117 100
82 62.9 49.1 73.7
119 33.7 25.9 38.9



#56
1,1,1,2-Tetrachloroethane
Concen: 0.468 ppbv m
RT: 11.520 min Scan# 2773
Delta R.T. 0.007 min
Lab File: VL039567.D
Acq: 18 Aug 2022 20:23

Tgt Ion:131 Resp: 45224
Ion Ratio Lower Upper
131 100
133 98.8 75.4 113.2
119 0.0 47.4 71.2#

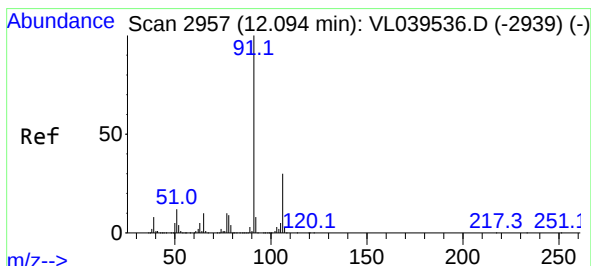
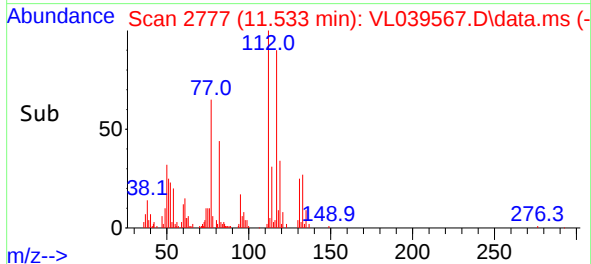
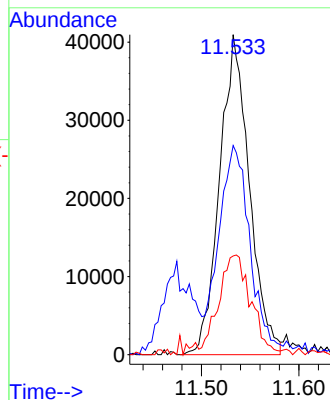
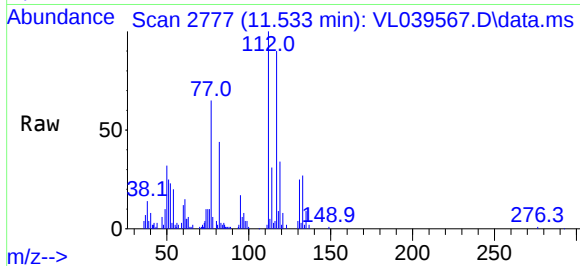




#57
Chlorobenzene
Concen: 0.492 ppbv
RT: 11.533 min Scan# 21
Delta R.T. 0.001 min
Lab File: VL039567.D
Acq: 18 Aug 2022 20:23

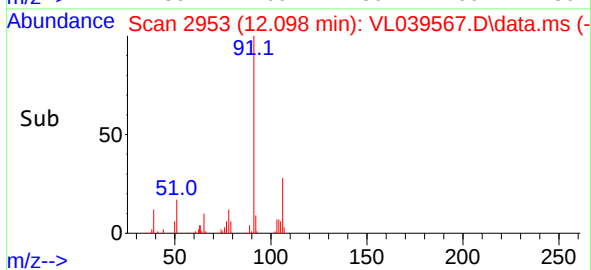
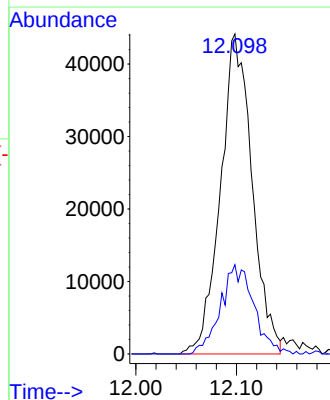
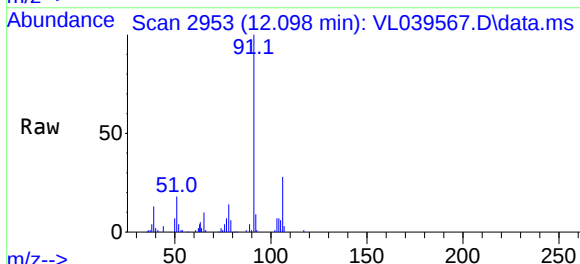
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT3-2022

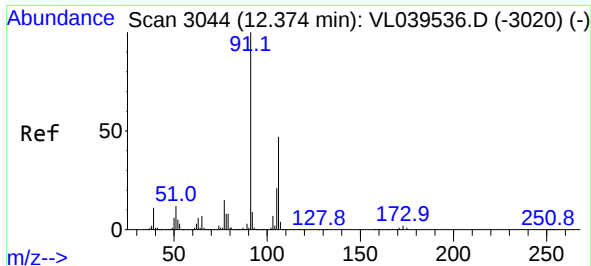
Tgt Ion:	112	Resp:	86835
Ion	Ratio	Lower	Upper
112	100		
77	62.2	53.4	80.0
114	29.7	29.5	36.1



#58
Ethyl Benzene
Concen: 0.355 ppbv
RT: 12.098 min Scan# 2953
Delta R.T. 0.004 min
Lab File: VL039567.D
Acq: 18 Aug 2022 20:23

Tgt Ion:	91	Resp:	96429
Ion	Ratio	Lower	Upper
91	100		
106	27.9	24.2	36.4





#59

m/p-Xylene

Concen: 0.772 ppbv m

RT: 12.388 min Scan# 3043

Delta R.T. 0.014 min

Lab File: VL039567.D

Acq: 18 Aug 2022 20:23

Instrument :

MSVOA_L

ClientSampleId :

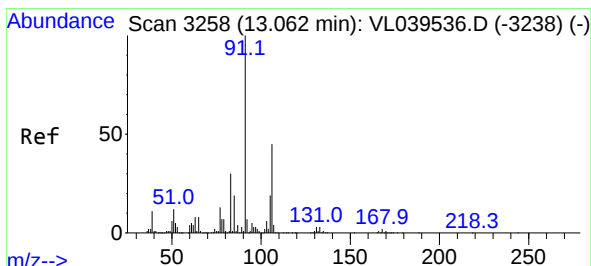
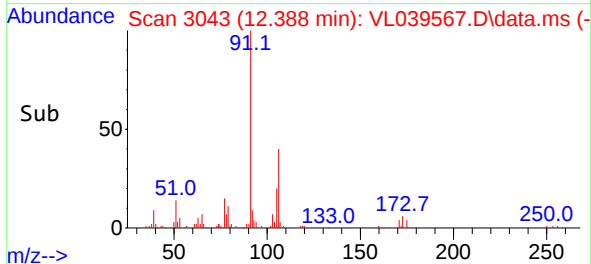
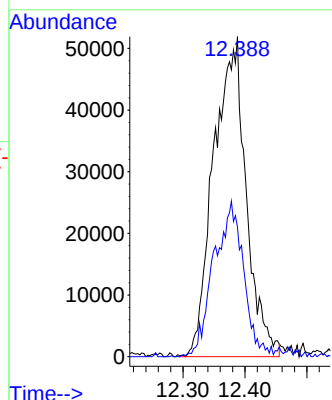
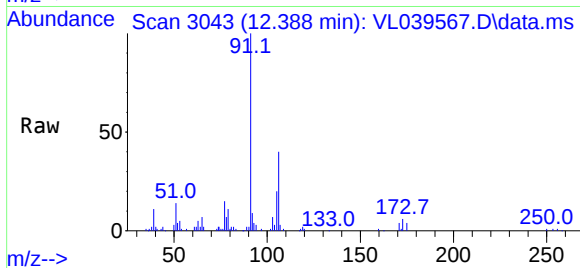
LOD-MDL-AIR-01-QT3-2022

Tgt Ion: 91 Resp: 188652

Ion Ratio Lower Upper

91 100

106 44.9 0.0 0.0#



#60

o-Xylene

Concen: 0.367 ppbv

RT: 13.066 min Scan# 3254

Delta R.T. 0.004 min

Lab File: VL039567.D

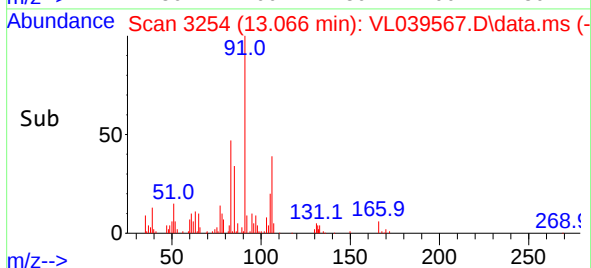
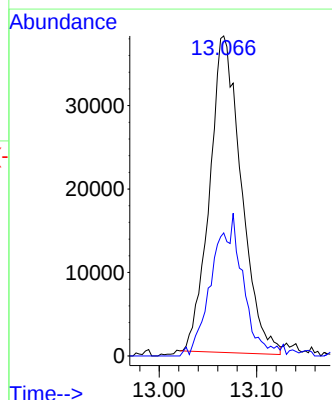
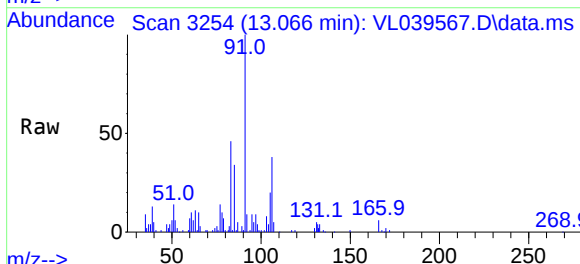
Acq: 18 Aug 2022 20:23

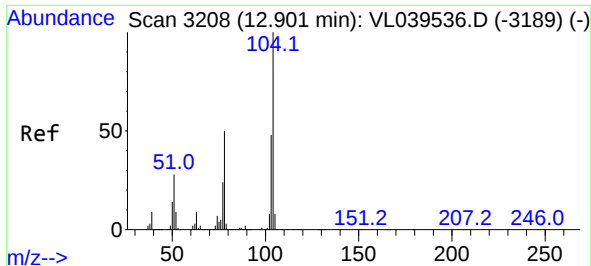
Tgt Ion: 91 Resp: 85910

Ion Ratio Lower Upper

91 100

106 45.1 22.7 68.0

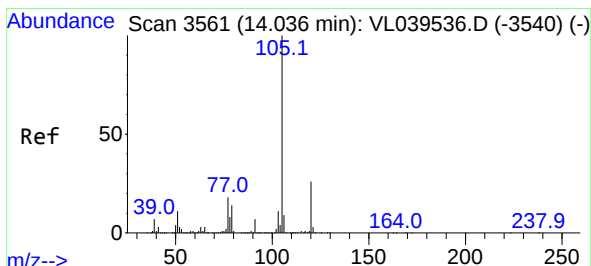
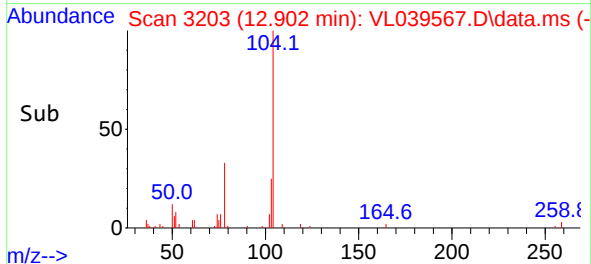
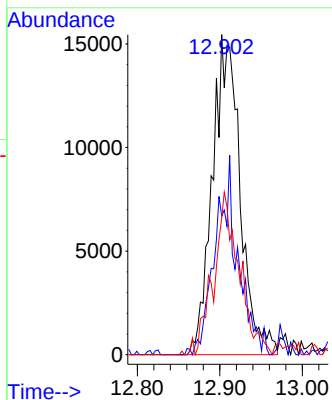
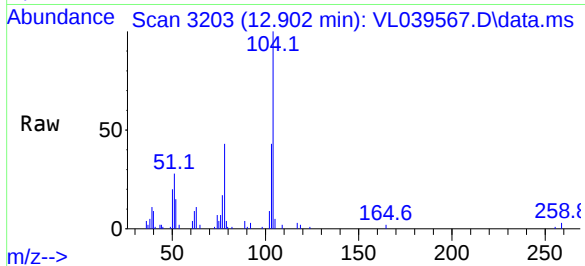




#61
Styrene
Concen: 0.290 ppbv m
RT: 12.902 min Scan# 31
Delta R.T. 0.001 min
Lab File: VL039567.D
Acq: 18 Aug 2022 20:23

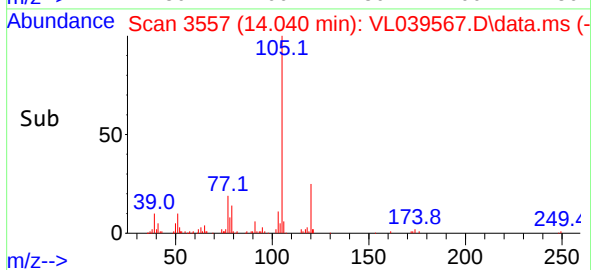
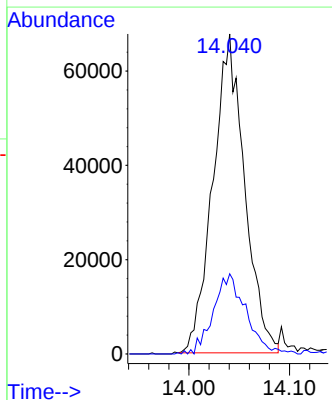
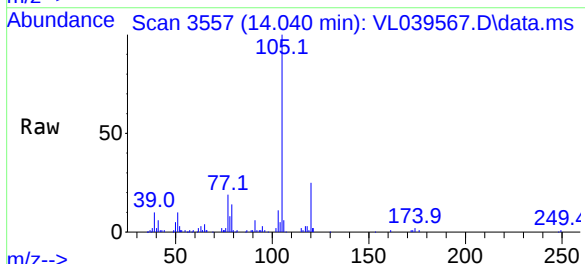
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT3-2022

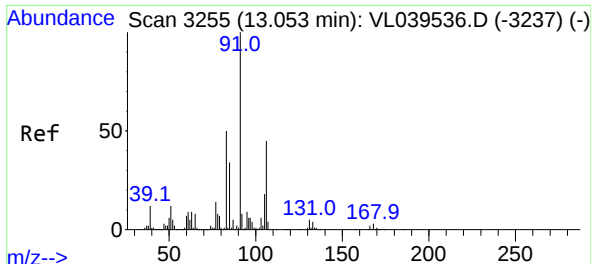
Tgt Ion:	104	Resp:	36243
Ion	Ratio	Lower	Upper
104	100		
78	50.0	40.0	60.0
103	48.9	38.2	57.2



#62
Isopropylbenzene
Concen: 0.416 ppbv
RT: 14.040 min Scan# 3557
Delta R.T. 0.004 min
Lab File: VL039567.D
Acq: 18 Aug 2022 20:23

Tgt Ion:	105	Resp:	147595
Ion	Ratio	Lower	Upper
105	100		
120	26.4	20.6	30.8

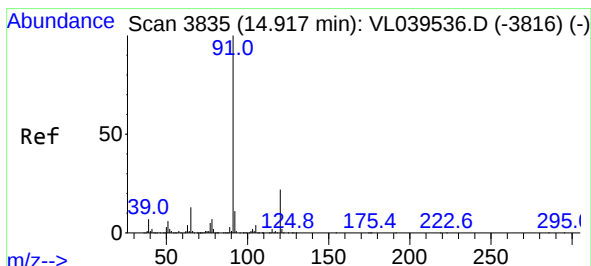
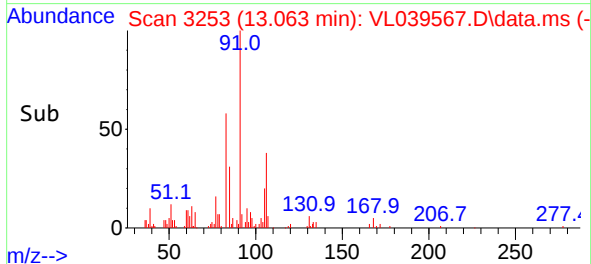
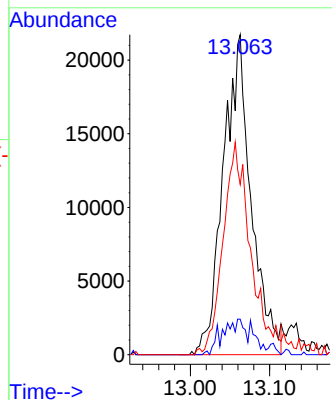
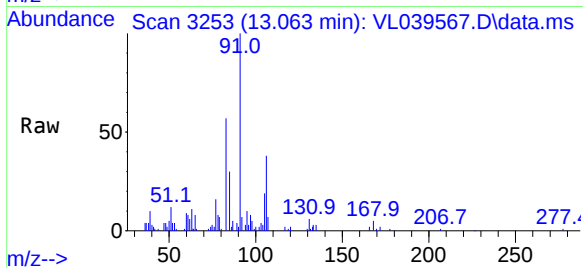




#63
1,1,2,2-Tetrachloroethane
Concen: 0.451 ppbv m
RT: 13.063 min Scan# 31
Delta R.T. 0.010 min
Lab File: VL039567.D
Acq: 18 Aug 2022 20:23

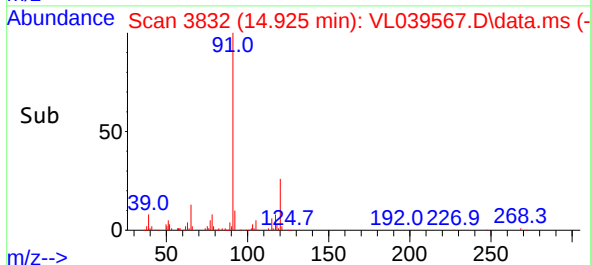
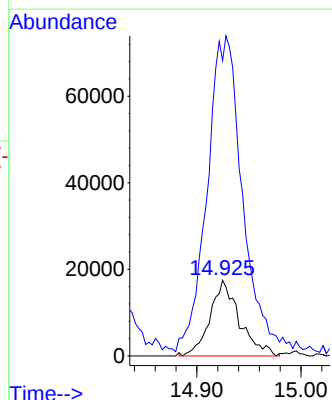
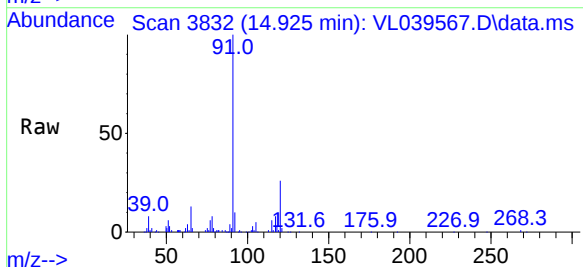
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT3-2022

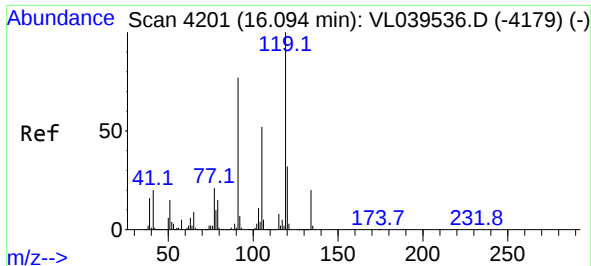
Tgt Ion: 83 Resp: 53146
Ion Ratio Lower Upper
83 100
131 12.7 4.9 14.7
85 67.3 33.2 99.6



#64
n-propylbenzene
Concen: 0.371 ppbv m
RT: 14.925 min Scan# 3832
Delta R.T. 0.007 min
Lab File: VL039567.D
Acq: 18 Aug 2022 20:23

Tgt Ion: 120 Resp: 34307
Ion Ratio Lower Upper
120 100
91 522.2 372.6 559.0

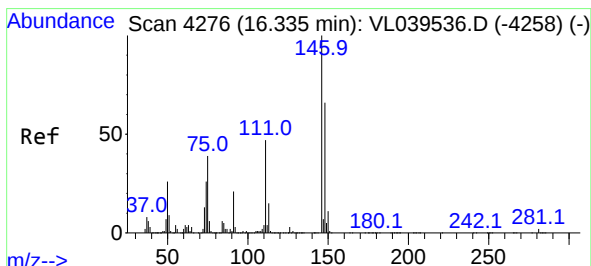
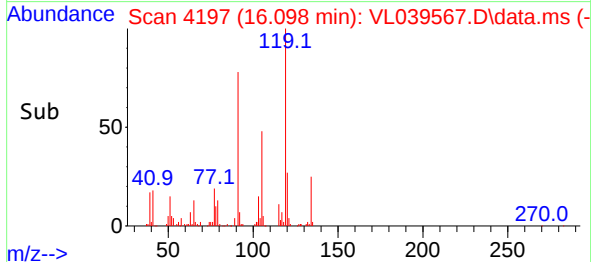
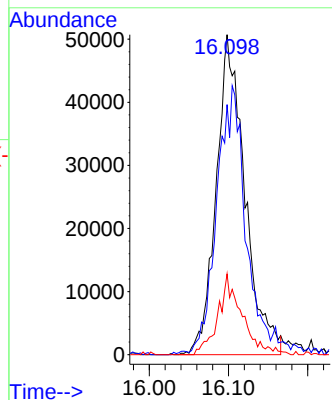
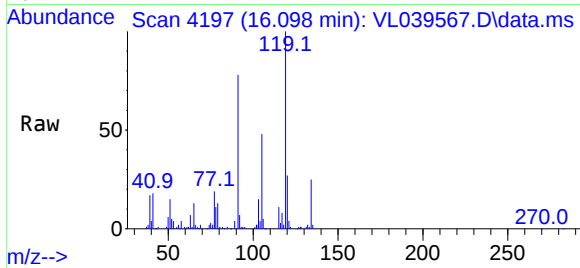




#65
tert-Butylbenzene
Concen: 0.403 ppbv m
RT: 16.098 min Scan# 4179
Delta R.T. 0.004 min
Lab File: VL039567.D
Acq: 18 Aug 2022 20:23

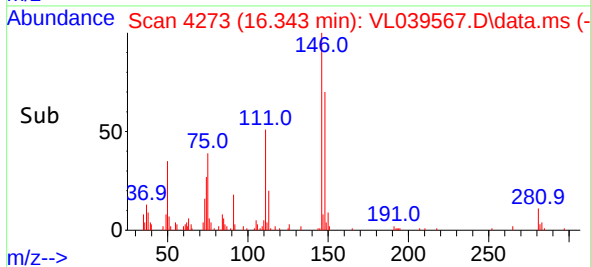
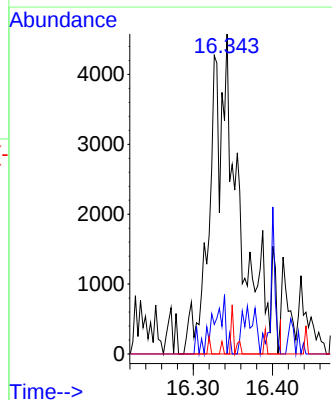
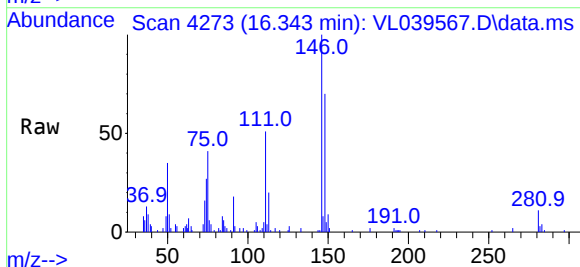
Instrument :
MSVOA_1
ClientSampleId :
LOD-MDL-AIR-01-QT3-2022

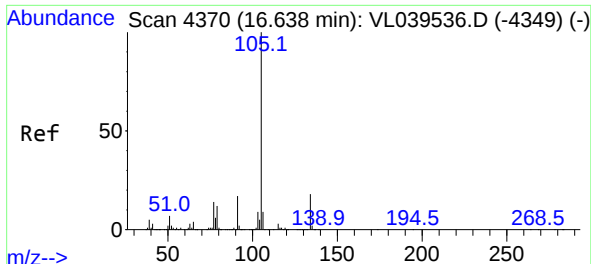
Tgt Ion:119 Resp: 127256
Ion Ratio Lower Upper
119 100
91 88.2 63.8 95.8
134 0.0 15.4 23.2#



#66
Benzyl Chloride
Concen: 0.433 ppbv m
RT: 16.343 min Scan# 4273
Delta R.T. 0.007 min
Lab File: VL039567.D
Acq: 18 Aug 2022 20:23

Tgt Ion: 91 Resp: 11751
Ion Ratio Lower Upper
91 100
126 8.0 0.0 0.0#
128 0.0 1.5 2.3#

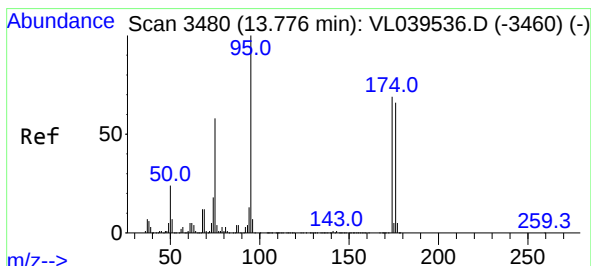
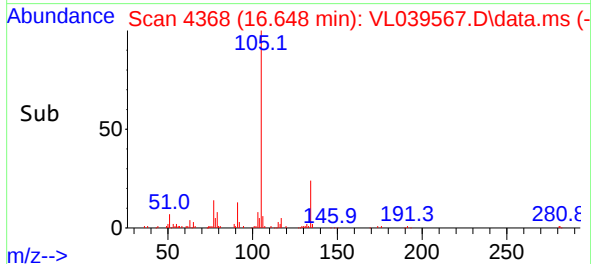
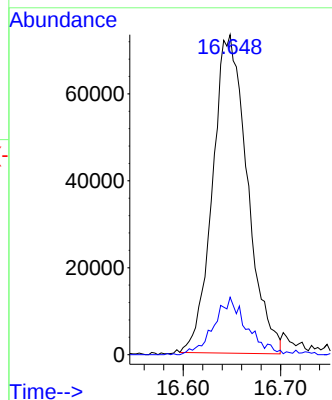
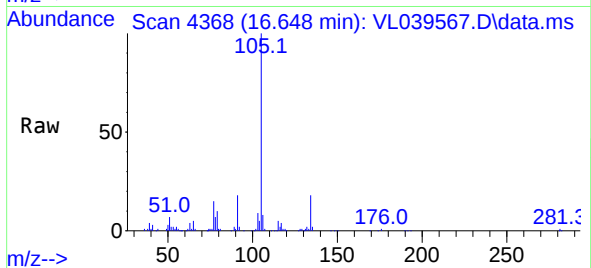




#67
 sec-Butylbenzene
 Concen: 0.406 ppbv
 RT: 16.648 min Scan# 41
 Delta R.T. 0.010 min
 Lab File: VL039567.D
 Acq: 18 Aug 2022 20:23

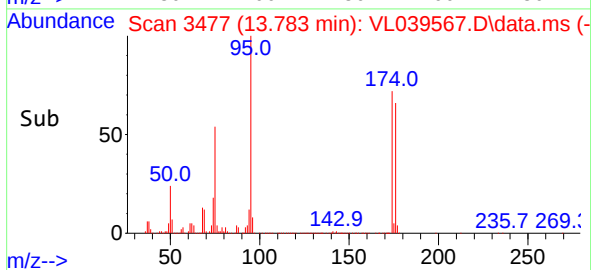
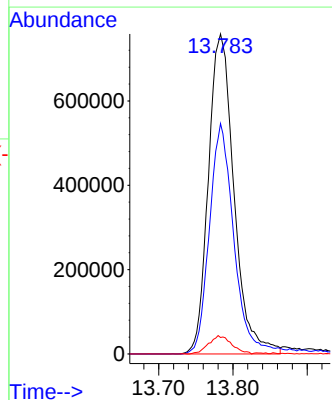
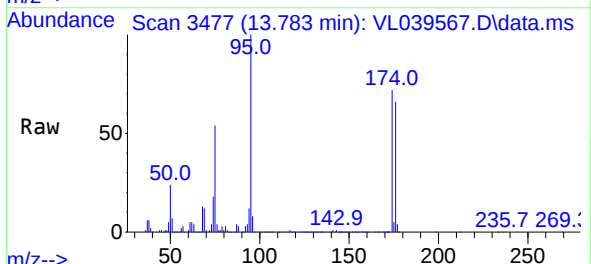
Instrument :
 MSVOA_L
 ClientSampleId :
 LOD-MDL-AIR-01-QT3-2022

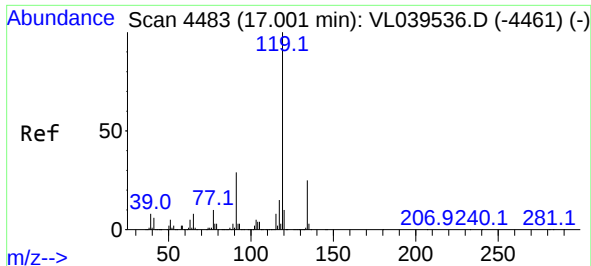
Tgt Ion:105 Resp: 181423
 Ion Ratio Lower Upper
 105 100
 134 17.1 14.3 21.5



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.288 ppbv
 RT: 13.783 min Scan# 3477
 Delta R.T. 0.007 min
 Lab File: VL039567.D
 Acq: 18 Aug 2022 20:23

Tgt Ion: 95 Resp: 1817696
 Ion Ratio Lower Upper
 95 100
 174 70.4 56.3 84.5
 175 5.1 4.3 6.5

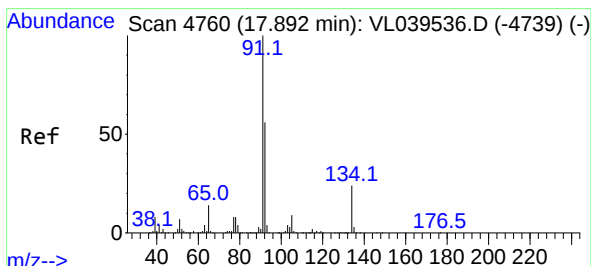
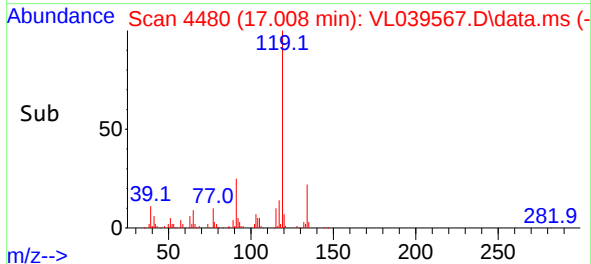
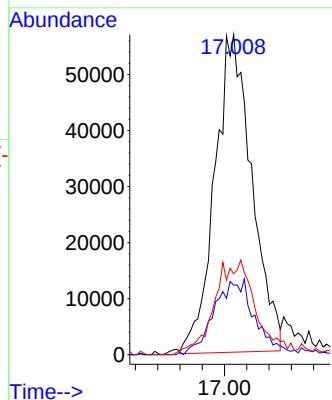
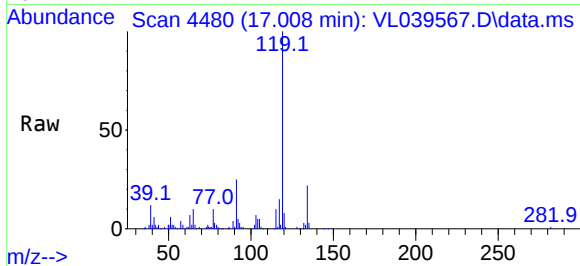




#69
 p-Isopropyltoluene
 Concen: 0.354 ppbv
 RT: 17.008 min Scan# 44
 Delta R.T. 0.007 min
 Lab File: VL039567.D
 Acq: 18 Aug 2022 20:23

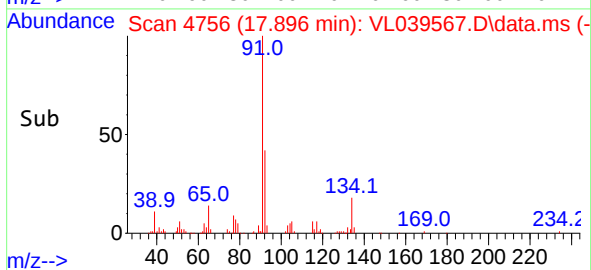
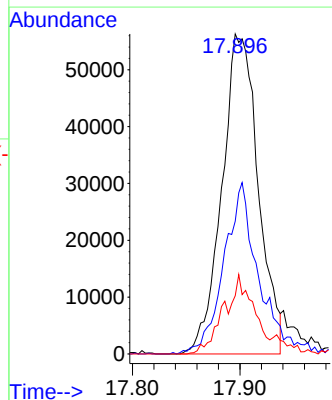
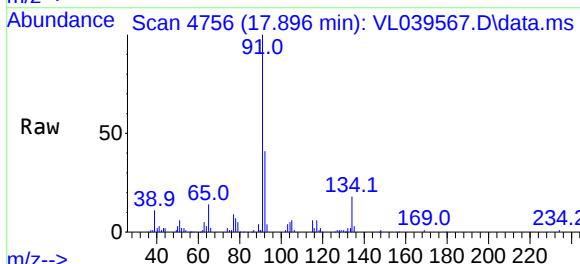
Instrument :
 MSVOA_L
 ClientSampleId :
 LOD-MDL-AIR-01-QT3-2022

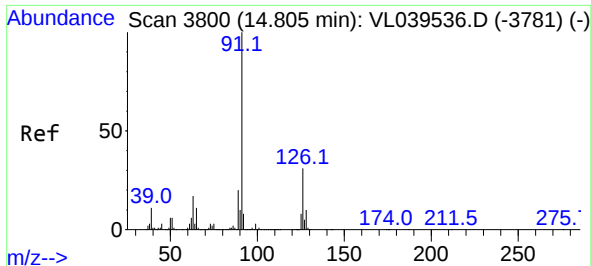
Tgt Ion: 119 Resp: 131686
 Ion Ratio Lower Upper
 119 100
 134 26.7 19.8 29.6
 91 34.9 22.6 33.8#



#70
 n-Butylbenzene
 Concen: 0.358 ppbv
 RT: 17.896 min Scan# 4756
 Delta R.T. 0.004 min
 Lab File: VL039567.D
 Acq: 18 Aug 2022 20:23

Tgt Ion: 91 Resp: 132142
 Ion Ratio Lower Upper
 91 100
 92 51.9 43.0 64.6
 134 23.2 18.1 27.1

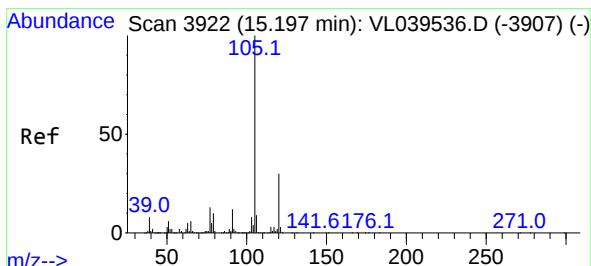
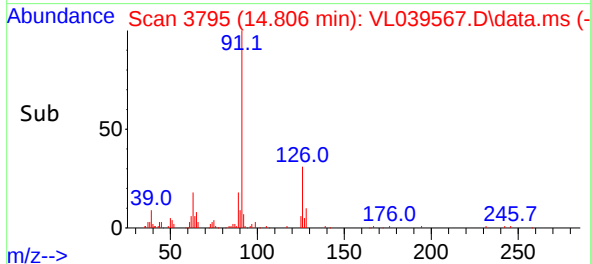
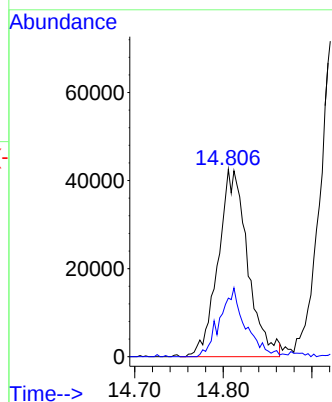
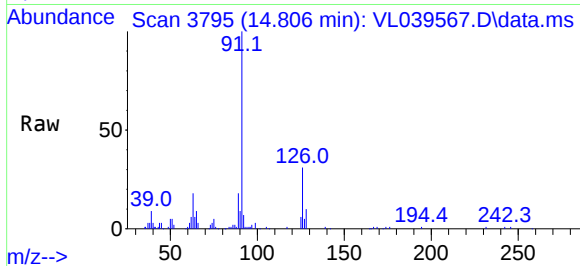




#71
2-Chlorotoluene
Concen: 0.384 ppbv m
RT: 14.806 min Scan# 31
Delta R.T. 0.001 min
Lab File: VL039567.D
Acq: 18 Aug 2022 20:23

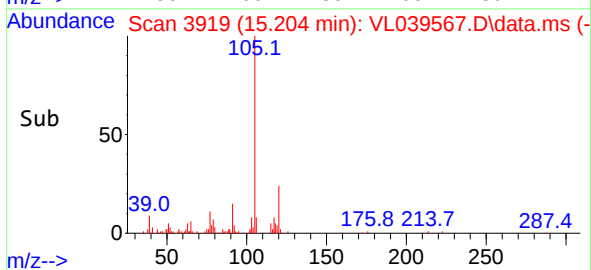
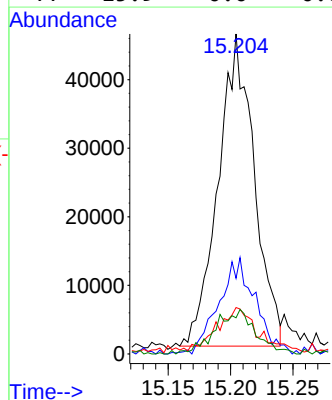
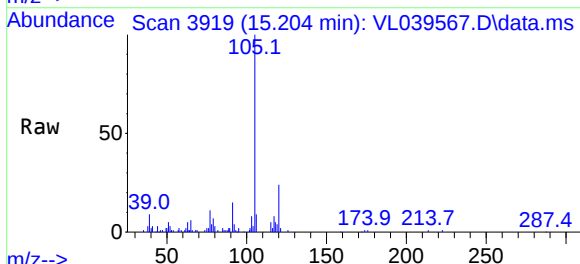
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT3-2022

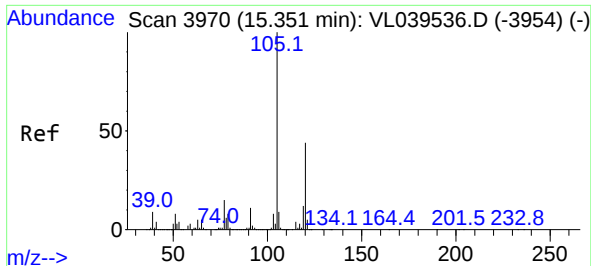
Tgt Ion: 91 Resp: 98613
Ion Ratio Lower Upper
91 100
126 2.1 12.9 51.5#



#72
4-Ethyltoluene
Concen: 0.333 ppbv
RT: 15.204 min Scan# 3919
Delta R.T. 0.007 min
Lab File: VL039567.D
Acq: 18 Aug 2022 20:23

Tgt Ion: 105 Resp: 91545
Ion Ratio Lower Upper
105 100
120 31.3 0.0 0.0#
91 15.1 0.0 0.0#
77 15.9 0.0 0.0#

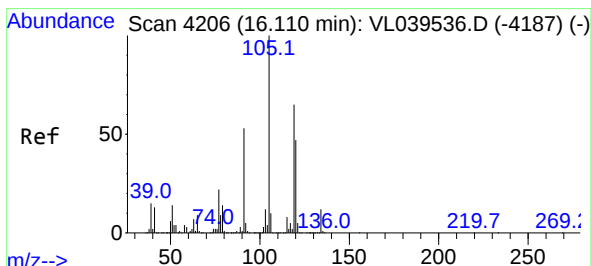
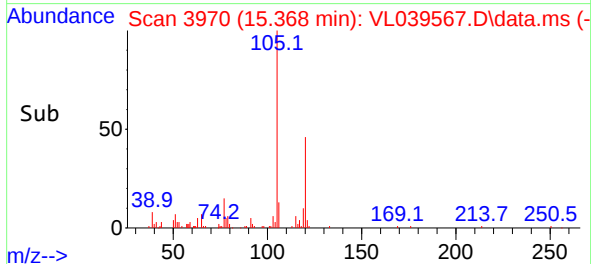
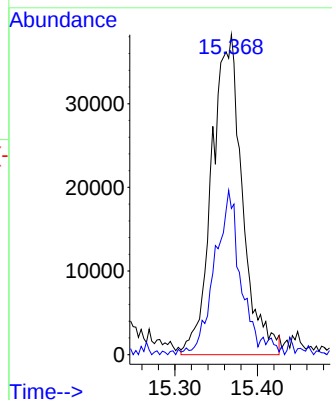
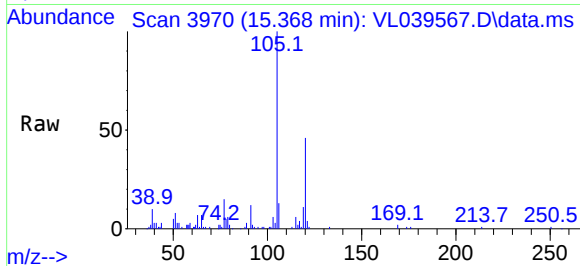




#73
1,3,5-Trimethylbenzene
Concen: 0.391 ppbv m
RT: 15.368 min Scan# 3970
Delta R.T. 0.017 min
Lab File: VL039567.D
Acq: 18 Aug 2022 20:23

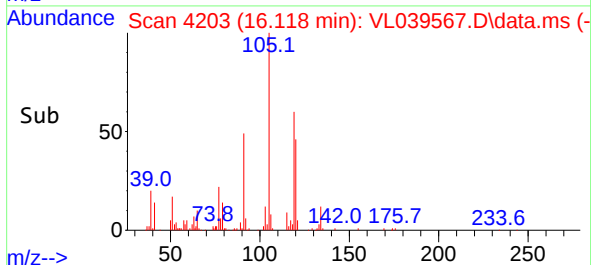
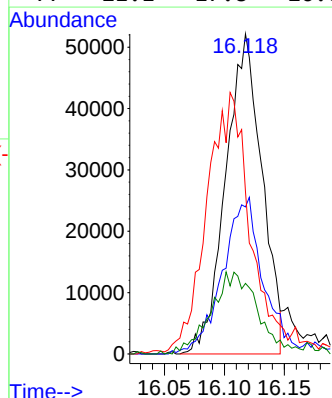
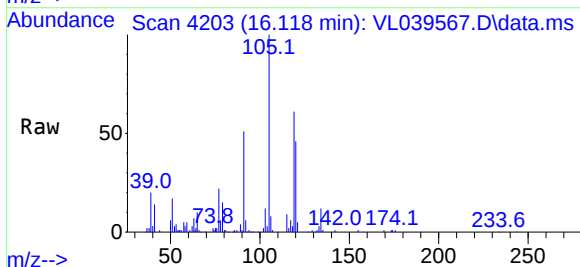
Instrument :
MSVOA_1
ClientSampleId :
LOD-MDL-AIR-01-QT3-2022

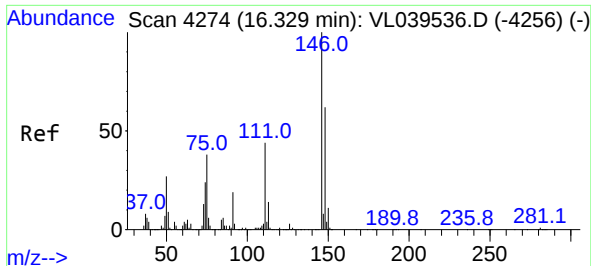
Tgt Ion:105 Resp: 98289
Ion Ratio Lower Upper
105 100
120 45.7 35.4 53.2



#74
1,2,4-Trimethylbenzene
Concen: 0.391 ppbv
RT: 16.118 min Scan# 4203
Delta R.T. 0.007 min
Lab File: VL039567.D
Acq: 18 Aug 2022 20:23

Tgt Ion:105 Resp: 109480
Ion Ratio Lower Upper
105 100
120 44.8 37.8 56.8
91 45.8 43.8 65.6
77 21.1 17.8 26.6

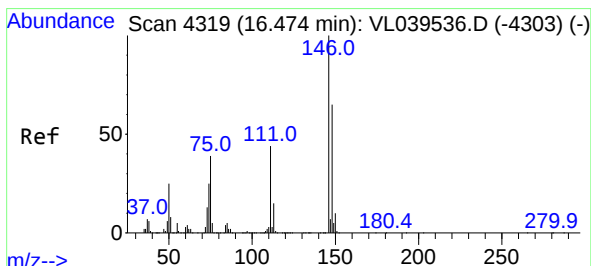
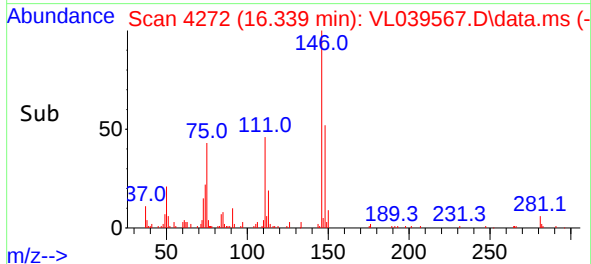
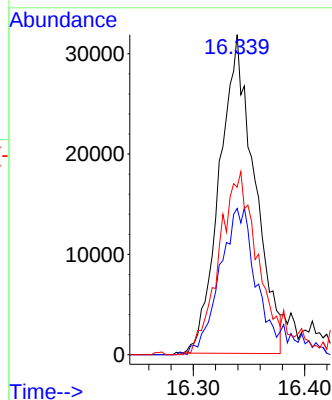
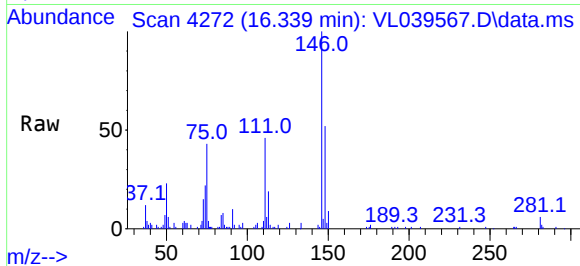




#75
1,3-Dichlorobenzene
Concen: 0.408 ppbv
RT: 16.339 min Scan# 4316
Delta R.T. 0.010 min
Lab File: VL039567.D
Acq: 18 Aug 2022 20:23

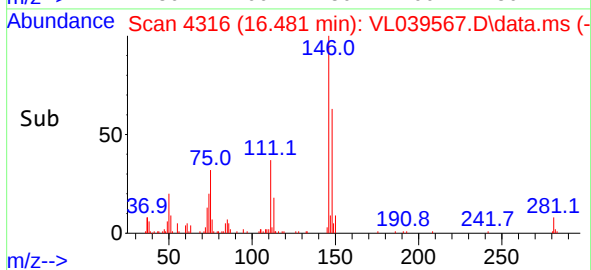
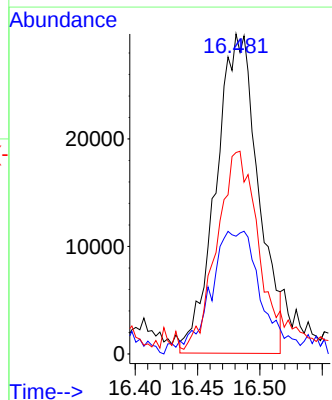
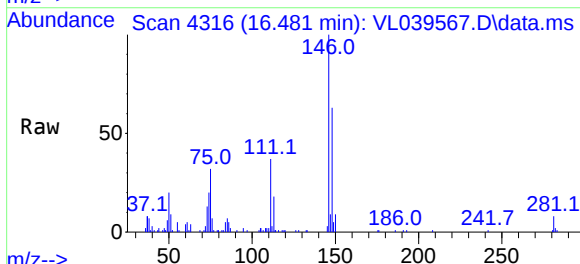
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT3-2022

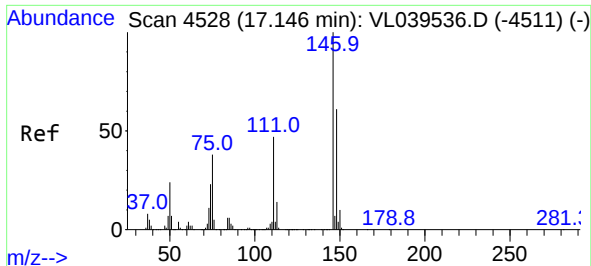
Tgt Ion:146	Resp:	69553
Ion Ratio	Lower	Upper
146	100	
111	52.8	22.9 68.5
148	69.5	32.4 97.0



#76
1,4-Dichlorobenzene
Concen: 0.411 ppbv
RT: 16.481 min Scan# 4316
Delta R.T. 0.007 min
Lab File: VL039567.D
Acq: 18 Aug 2022 20:23

Tgt Ion:146	Resp:	70030
Ion Ratio	Lower	Upper
146	100	
111	47.3	22.3 66.8
148	72.2	31.5 94.5

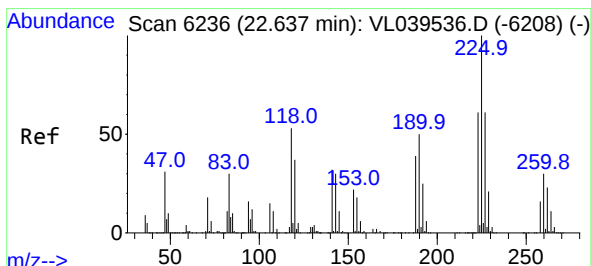
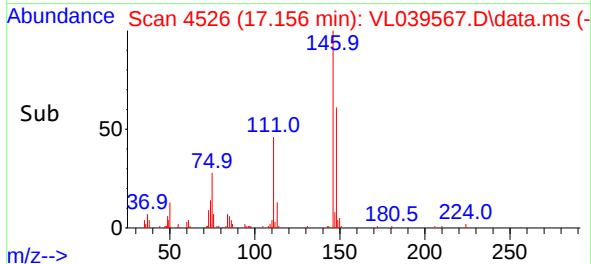
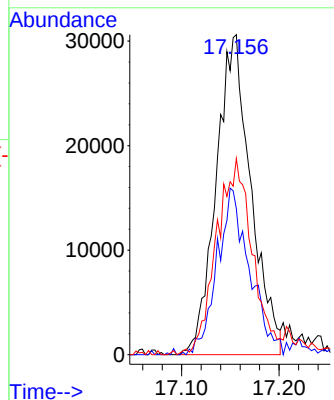
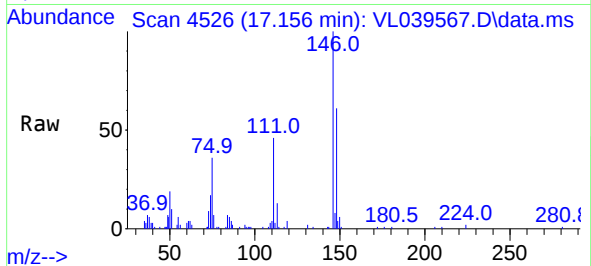




#77
1,2-Dichlorobenzene
Concen: 0.455 ppbv
RT: 17.156 min Scan# 41
Delta R.T. 0.010 min
Lab File: VL039567.D
Acq: 18 Aug 2022 20:23

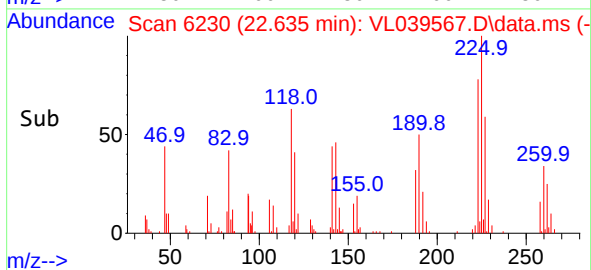
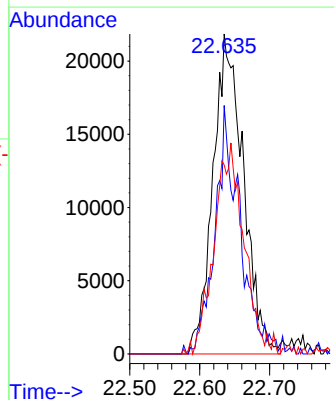
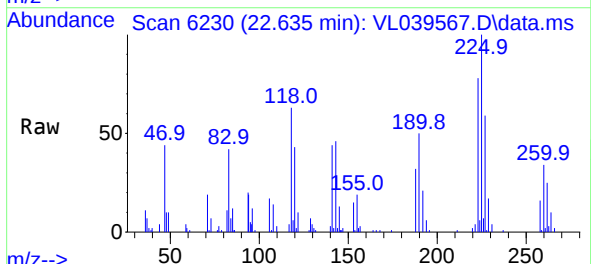
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT3-2022

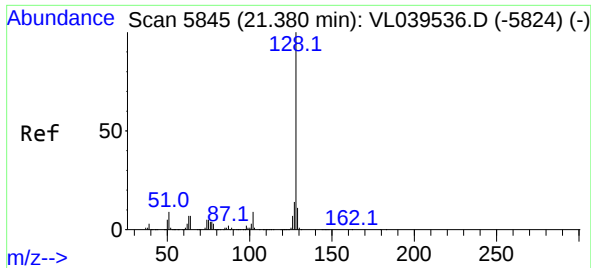
Tgt Ion:146	Resp:	75965
Ion Ratio	Lower	Upper
146	100	
111	48.4	23.9 71.8
148	67.7	32.6 97.7



#78
Hexachloro-1,3-Butadiene
Concen: 0.497 ppbv m
RT: 22.635 min Scan# 6230
Delta R.T. -0.002 min
Lab File: VL039567.D
Acq: 18 Aug 2022 20:23

Tgt Ion:225	Resp:	65851
Ion Ratio	Lower	Upper
225	100	
223	0.0	0.0 0.0
227	64.5	0.0 0.0#

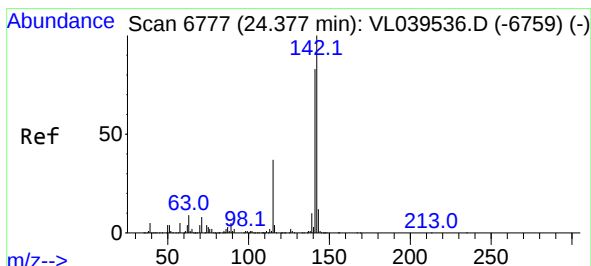
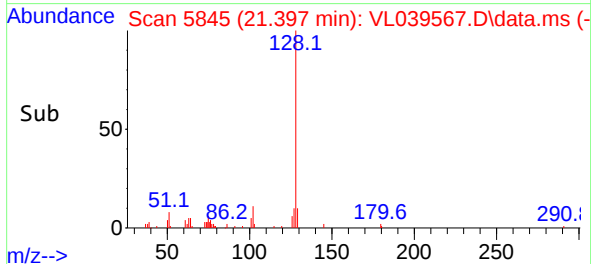
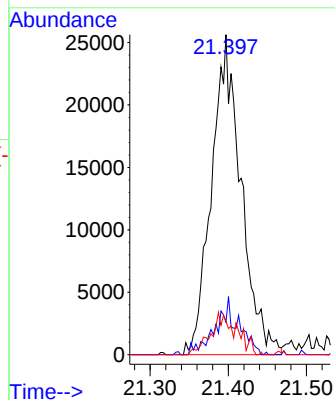
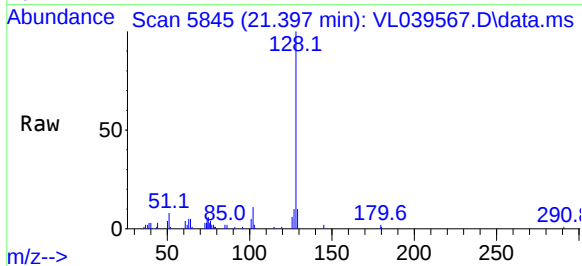




#79
Naphthalene
Concen: 0.336 ppbv m
RT: 21.397 min Scan# 5845
Delta R.T. 0.017 min
Lab File: VL039567.D
Acq: 18 Aug 2022 20:23

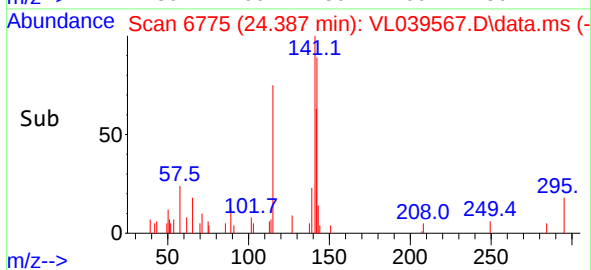
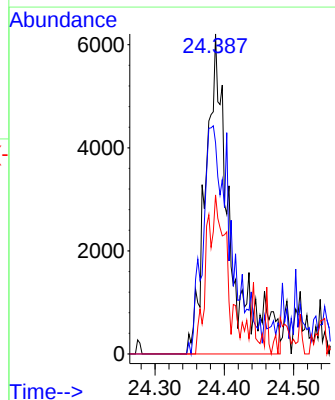
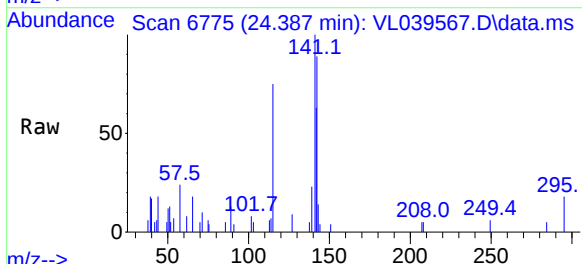
Instrument : MSVOA_1
ClientSampleId :
LOD-MDL-AIR-01-QT3-2022

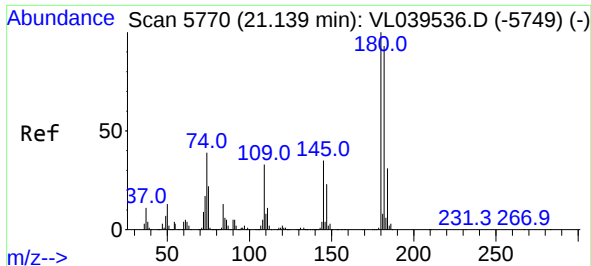
Tgt Ion:128 Resp: 67034
Ion Ratio Lower Upper
128 100
127 10.2 10.8 16.2#
129 10.5 9.1 13.7



#80
Naphthalene,2-methyl-
Concen: 0.192 ppbv
RT: 24.387 min Scan# 6775
Delta R.T. 0.010 min
Lab File: VL039567.D
Acq: 18 Aug 2022 20:23

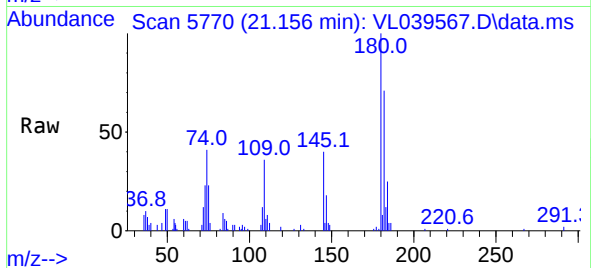
Tgt Ion:142 Resp: 15164
Ion Ratio Lower Upper
142 100
141 84.1 0.0 0.0#
115 40.5 0.0 0.0#





#81
 1,2,4-Trichlorobenzene
 Concen: 0.375 ppbv m
 RT: 21.156 min Scan# 51
 Delta R.T. 0.017 min
 Lab File: VL039567.D
 Acq: 18 Aug 2022 20:23

Instrument :
 MSVOA_L
 ClientSampleId :
 LOD-MDL-AIR-01-QT3-2022



Tgt Ion:	180	Resp:	49836
Ion	Ratio	Lower	Upper
180	100		
182	0.0	0.0	0.0
184	0.0	0.0	0.0

