

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL081822\
 Data File : VL039568.D
 Acq On : 18 Aug 2022 21:04
 Operator : SY/AP
 Sample : N3980-13 4.0 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 03:05:20 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	5.207	49	944829	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.664	114	2544558	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.471	117	2329829	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.779	95	1824289	10.401	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	104.000%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.754	85	78687	0.620	ppbv	91
3) Chlorodifluoromethane	2.696	51	51656	0.456	ppbv	98
4) Chloromethane	2.838	50	26539	0.392	ppbv	95
5) Vinyl Chloride	2.944	62	21647	0.371	ppbv #	83
6) Bromomethane	3.143	94	8692	0.364	ppbv	99
7) Chloroethane	3.214	64	9604m	0.462	ppbv	
8) Dichlorotetrafluoroethane	2.880	85	61886	0.454	ppbv	98
9) Propene	2.719	41	25729	0.499	ppbv	97
10) Heptane	7.596	43	41614m	0.347	ppbv	
11) Trichlorofluoromethane	3.584	101	60857	0.436	ppbv	96
12) 1,1,2-Trichlorotrifluo...	4.082	101	46151	0.448	ppbv	97
13) Ethanol	3.272	45	3029m	0.816	ppbv	
14) Bromoethene	3.394	108	17167m	0.408	ppbv	
15) Acetone	3.503	43	38727	0.363	ppbv #	67
16) 1,3-Butadiene	3.005	39	22433	0.405	ppbv	100
17) tert-Butyl alcohol	3.915	59	35001m	0.384	ppbv	
18) 1,1-Dichloroethene	3.899	96	18305	0.394	ppbv	82
19) Isopropyl Alcohol	3.613	45	23878m	0.458	ppbv	
20) Methylene Chloride	3.957	84	23314	0.536	ppbv	96
21) Allyl Chloride	4.015	41	28995m	0.418	ppbv	
22) trans-1,2-Dichloroethene	4.462	96	17329	0.375	ppbv	94
23) Vinyl Acetate	4.651	43	22539m	0.420	ppbv	
24) 1,1-Dichloroethane	4.580	63	40241	0.426	ppbv #	94
25) Ethyl Acetate	5.230	43	77685	0.341	ppbv #	91
26) Hexane	5.227	57	35906	0.385	ppbv	89
27) Carbon Disulfide	4.140	76	39718m	0.399	ppbv	
28) Methyl tert-Butyl Ether	4.619	73	27652	0.337	ppbv #	89
29) Chloroform	5.288	83	61728	0.423	ppbv	89
30) Cyclohexane	6.609	84	29125m	0.376	ppbv	
31) cis-1,2-Dichloroethene	5.098	61	32522m	0.360	ppbv	
32) 1,1,1-Trichloroethane	6.018	97	56002m	0.409	ppbv	
34) 2-Butanone	4.815	43	40217	0.314	ppbv	91
35) Carbon Tetrachloride	6.506	117	55437m	0.387	ppbv	
36) Benzene	6.384	78	66847m	0.345	ppbv	
37) 1,2-Dichloroethane	5.818	62	44314	0.411	ppbv	98
38) Trichloroethene	7.297	130	41604m	0.395	ppbv	
39) 1,2-Dichloropropane	7.085	63	32277m	0.444	ppbv	
40) 1,4-Dioxane	7.352	88	10747m	0.373	ppbv	
41) Tetrahydrofuran	5.597	42	22478m	0.299	ppbv	
42) Bromodichloromethane	7.259	83	56263	0.382	ppbv	90
43) Methyl Methacrylate	7.497	69	21091m	0.300	ppbv	
44) 2,2,4-Trimethylpentane	7.339	57	113835	0.348	ppbv #	88
45) t-1,3-Dichloropropene	8.712	75	15534m	0.252	ppbv	

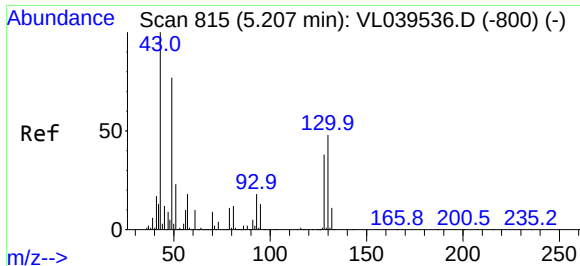
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL081822\
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Quant Time: Aug 19 03:05:20 2022
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 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Aug 17 12:06:24 2022
 QLast Update : Wed Aug 17 12:06:24 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.153	75	23519m	0.277	ppbv	
47) 1,1,2-Trichloroethane	8.912	97	33665m	0.404	ppbv	
48) Dibromochloromethane	9.722	129	42040m	0.339	ppbv	
49) Bromoform	12.413	173	31258m	0.305	ppbv	
50) 4-Methyl-2-Pentanone	8.217	43	63297m	0.322	ppbv	
51) 2-Hexanone	9.580	43	39212m	0.270	ppbv	
52) Tetrachloroethene	10.616	164	28579m	0.376	ppbv	
53) Toluene	9.236	91	62541m	0.288	ppbv	
54) 1,2-Dibromoethane	10.014	107	34276m	0.361	ppbv	
56) 1,1,1,2-Tetrachloroethane	11.513	131	41554m	0.433	ppbv	
57) Chlorobenzene	11.529	112	75547	0.431	ppbv #	92
58) Ethyl Benzene	12.098	91	80065	0.297	ppbv	99
59) m/p-Xylene	12.384	91	163368m	0.673	ppbv	
60) o-Xylene	13.066	91	73282m	0.315	ppbv	
61) Styrene	12.915	104	28482m	0.230	ppbv	
62) Isopropylbenzene	14.040	105	127041m	0.361	ppbv	
63) 1,1,2,2-Tetrachloroethane	13.062	83	47188m	0.403	ppbv	
64) n-propylbenzene	14.924	120	30465m	0.332	ppbv	
65) tert-Butylbenzene	16.104	119	108232	0.345	ppbv	92
66) Benzyl Chloride	16.345	91	10596m	0.394	ppbv	
67) sec-Butylbenzene	16.641	105	159175m	0.359	ppbv	
69) p-Isopropyltoluene	17.011	119	116552m	0.316	ppbv	
70) n-Butylbenzene	17.902	91	117816m	0.321	ppbv	
71) 2-Chlorotoluene	14.812	91	79596	0.312	ppbv	95
72) 4-Ethyltoluene	15.204	105	77724	0.284	ppbv #	100
73) 1,3,5-Trimethylbenzene	15.361	105	82531m	0.331	ppbv	
74) 1,2,4-Trimethylbenzene	16.114	105	95272	0.342	ppbv #	94
75) 1,3-Dichlorobenzene	16.339	146	62221m	0.368	ppbv	
76) 1,4-Dichlorobenzene	16.484	146	68318	0.404	ppbv	98
77) 1,2-Dichlorobenzene	17.143	146	67652m	0.408	ppbv	
78) Hexachloro-1,3-Butadiene	22.644	225	58798m	0.447	ppbv	
79) Naphthalene	21.397	128	55432m	0.280	ppbv	
80) Naphthalene,2-methyl-	24.390	142	12353	0.158	ppbv #	100
81) 1,2,4-Trichlorobenzene	21.152	180	41488m	0.314	ppbv	

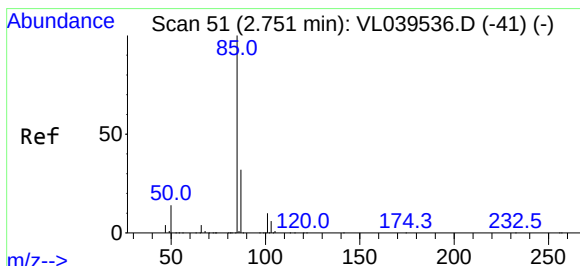
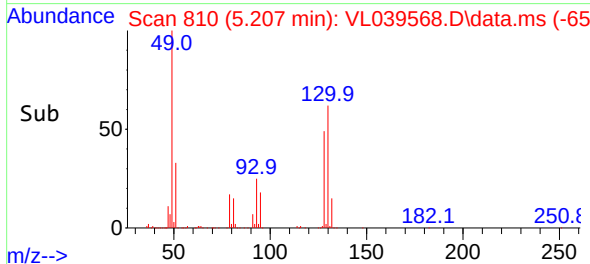
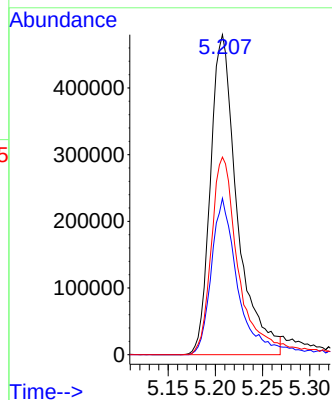
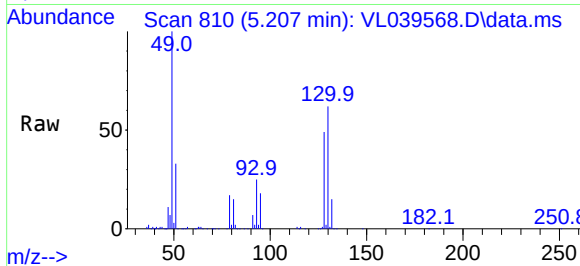
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.207 min Scan# 815
 Delta R.T. 0.000 min
 Lab File: VL039568.D
 Acq: 18 Aug 2022 21:04

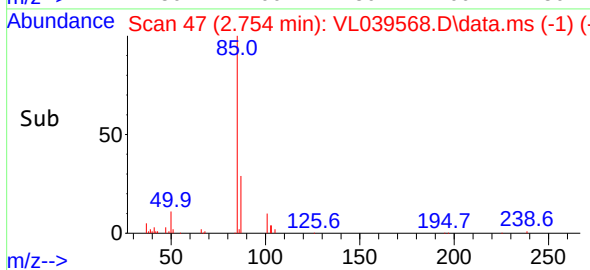
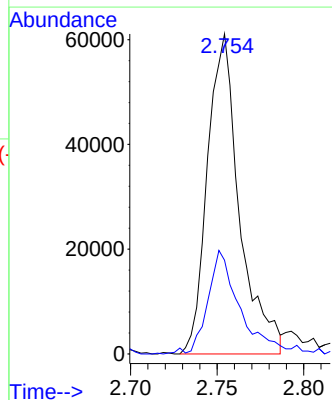
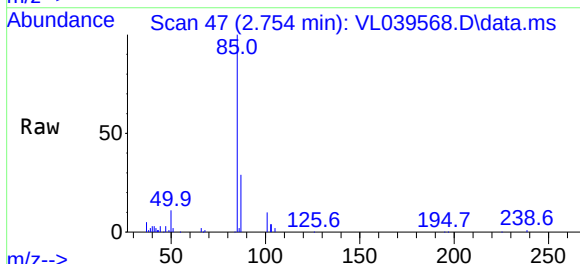
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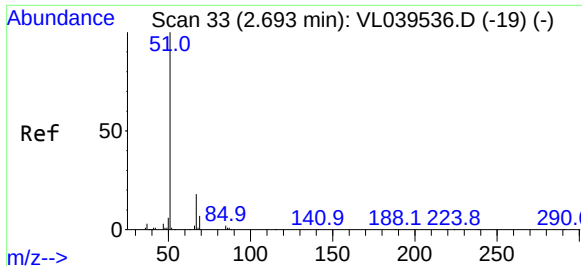
Tgt Ion: 49 Resp: 944829
 Ion Ratio Lower Upper
 49 100
 128 49.1 25.7 77.0
 130 65.9 31.6 95.0



#2
 Dichlorodifluoromethane
 Concen: 0.620 ppbv
 RT: 2.754 min Scan# 47
 Delta R.T. 0.004 min
 Lab File: VL039568.D
 Acq: 18 Aug 2022 21:04

Tgt Ion: 85 Resp: 78687
 Ion Ratio Lower Upper
 85 100
 87 27.5 25.9 38.9

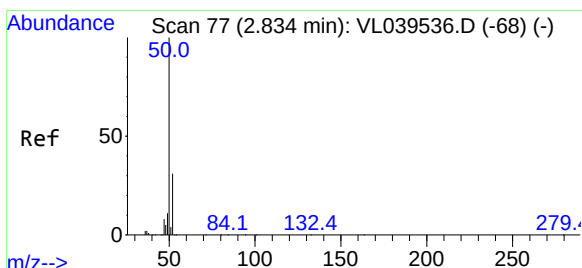
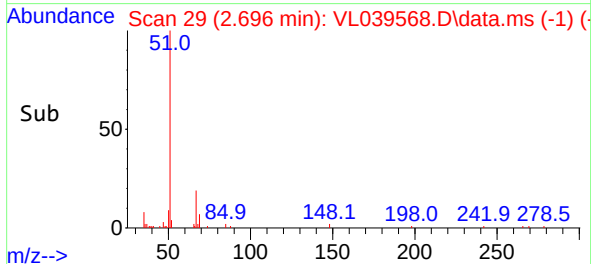
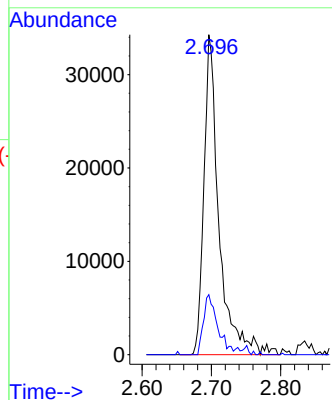
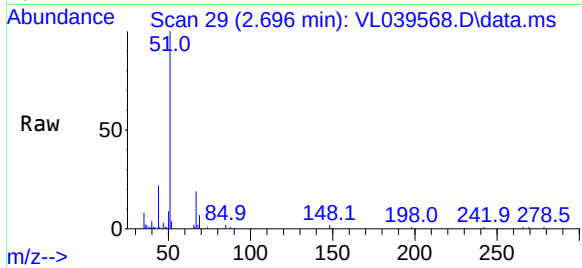




#3
Chlorodifluoromethane
Concen: 0.456 ppbv
RT: 2.696 min Scan# 29
Delta R.T. 0.004 min
Lab File: VL039568.D
Acq: 18 Aug 2022 21:04

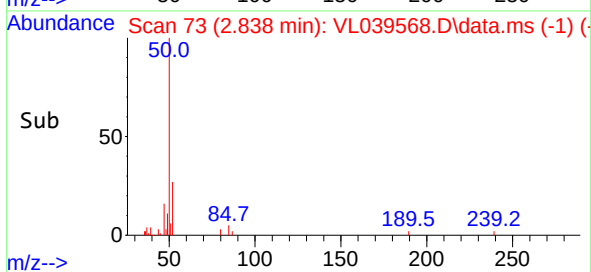
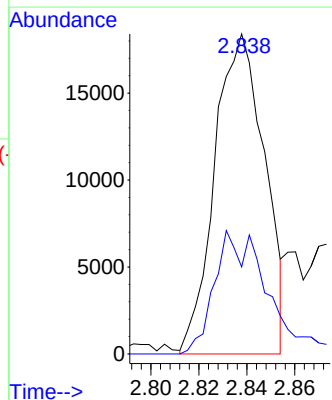
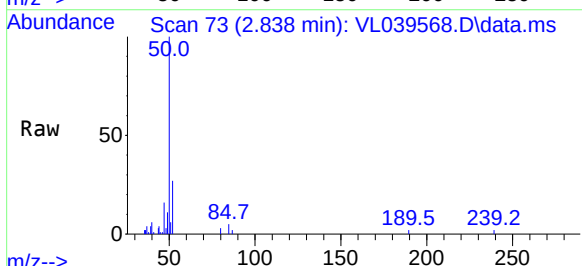
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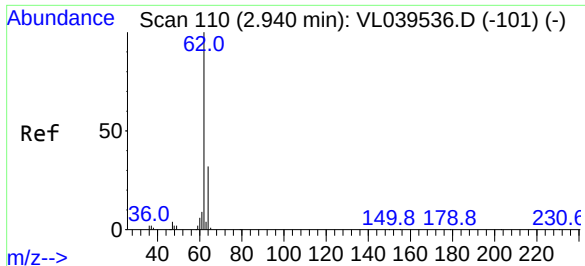
Tgt Ion: 51 Resp: 51656
Ion Ratio Lower Upper
51 100
67 17.5 14.7 22.1



#4
Chloromethane
Concen: 0.392 ppbv
RT: 2.838 min Scan# 73
Delta R.T. 0.004 min
Lab File: VL039568.D
Acq: 18 Aug 2022 21:04

Tgt Ion: 50 Resp: 26539
Ion Ratio Lower Upper
50 100
52 27.5 24.3 36.5

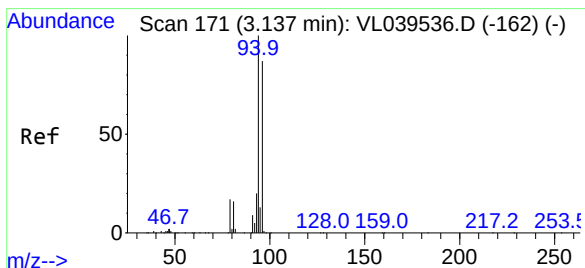
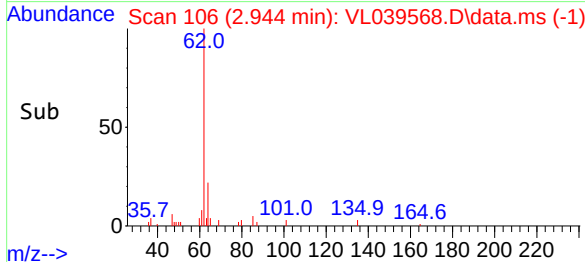
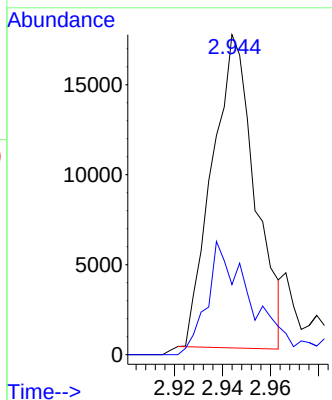
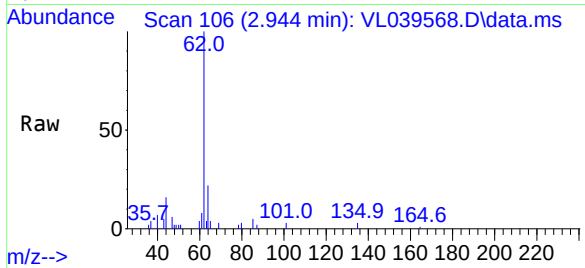




#5
 Vinyl Chloride
 Concen: 0.371 ppbv
 RT: 2.944 min Scan# 106
 Delta R.T. 0.003 min
 Lab File: VL039568.D
 Acq: 18 Aug 2022 21:04

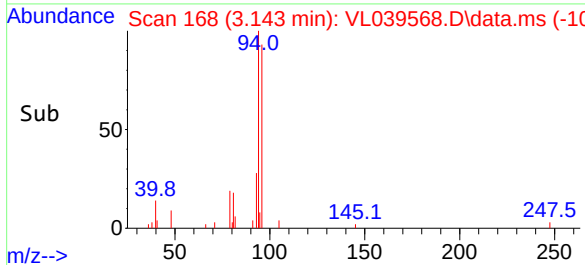
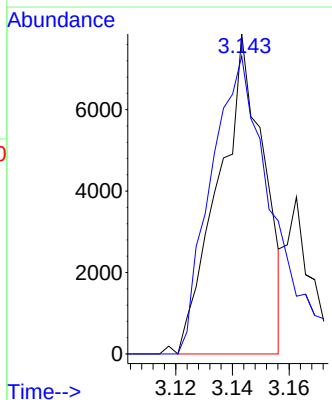
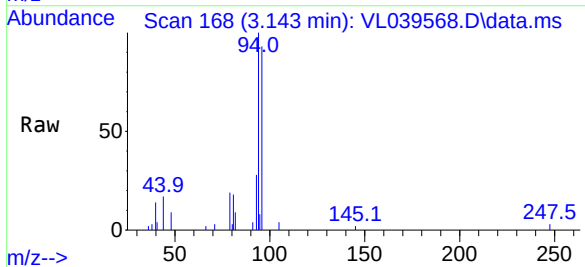
Instrument :
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 ClientSampleId :
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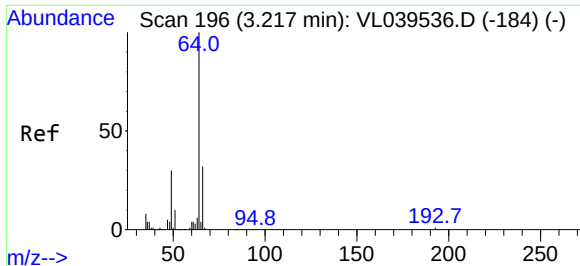
Tgt Ion: 62 Resp: 21647
 Ion Ratio Lower Upper
 62 100
 64 22.5 25.5 38.3#



#6
 Bromomethane
 Concen: 0.364 ppbv
 RT: 3.143 min Scan# 168
 Delta R.T. 0.007 min
 Lab File: VL039568.D
 Acq: 18 Aug 2022 21:04

Tgt Ion: 94 Resp: 8692
 Ion Ratio Lower Upper
 94 100
 96 86.5 69.8 104.6

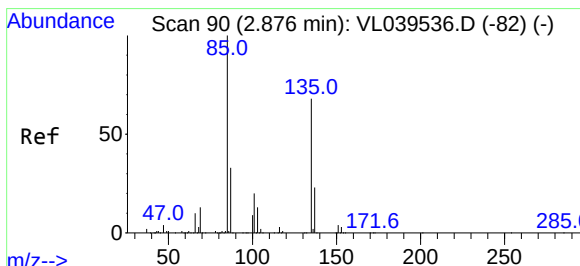
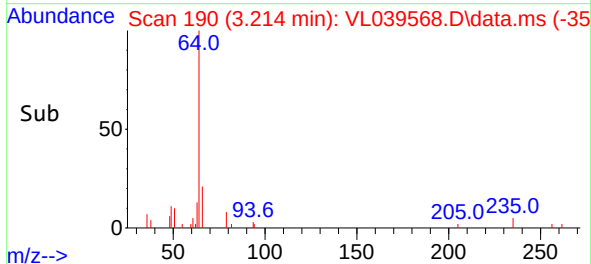
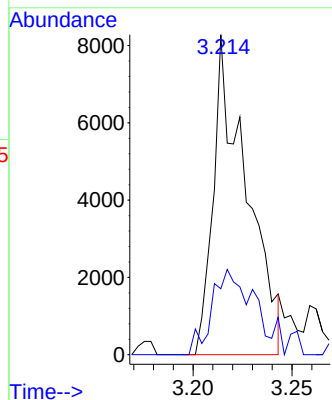
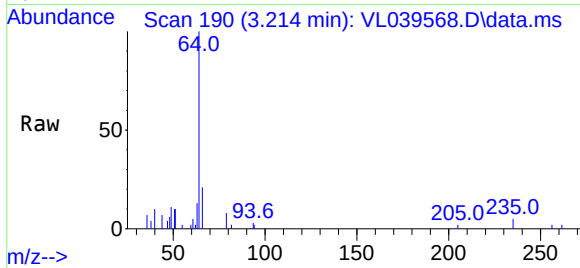




#7
Chloroethane
Concen: 0.462 ppbv m
RT: 3.214 min Scan# 196
Delta R.T. -0.003 min
Lab File: VL039568.D
Acq: 18 Aug 2022 21:04

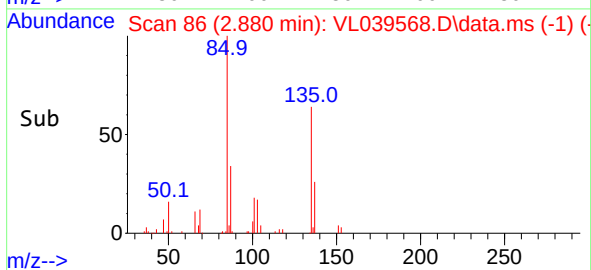
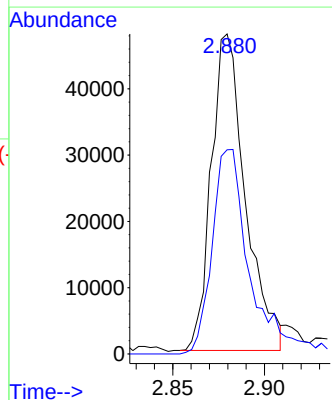
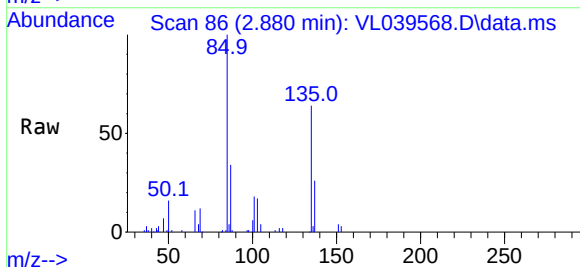
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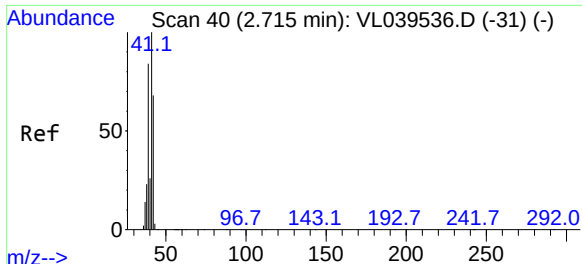
Tgt Ion: 64 Resp: 9604
Ion Ratio Lower Upper
64 100
66 20.6 25.6 38.4#



#8
Dichlorotetrafluoroethane
Concen: 0.454 ppbv
RT: 2.880 min Scan# 86
Delta R.T. 0.003 min
Lab File: VL039568.D
Acq: 18 Aug 2022 21:04

Tgt Ion: 85 Resp: 61886
Ion Ratio Lower Upper
85 100
135 72.0 56.3 84.5

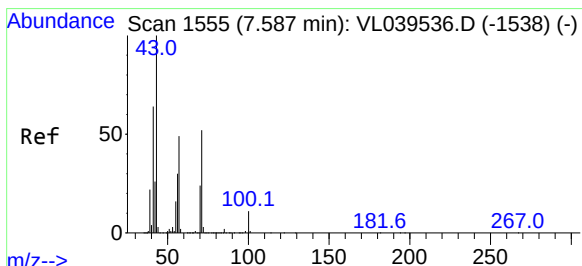
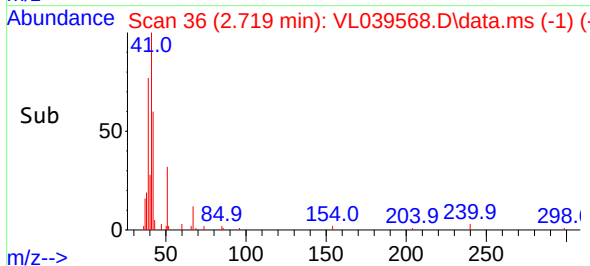
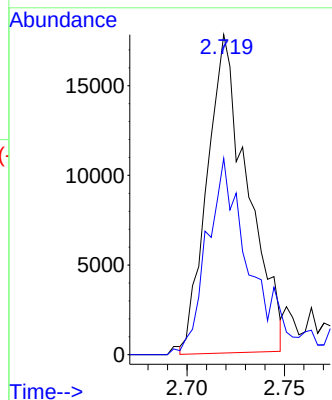
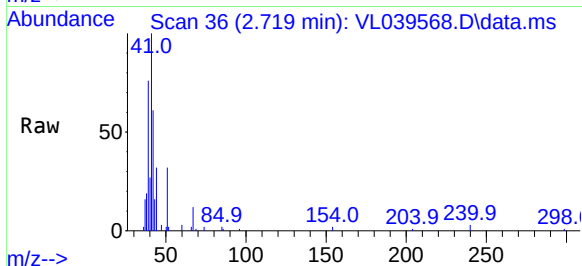




#9
Propene
Concen: 0.499 ppbv
RT: 2.719 min Scan# 30
Delta R.T. 0.004 min
Lab File: VL039568.D
Acq: 18 Aug 2022 21:04

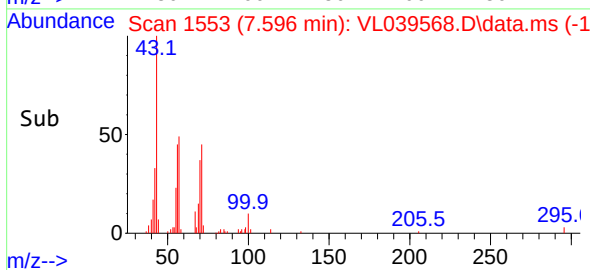
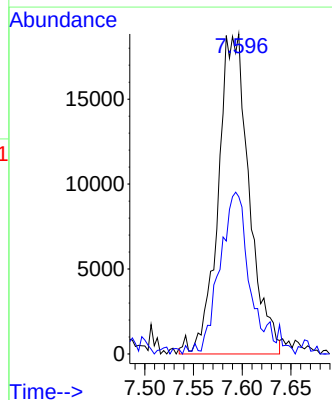
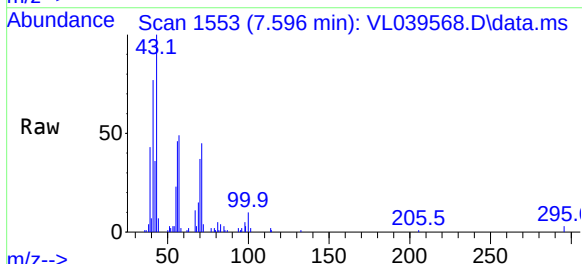
Instrument :
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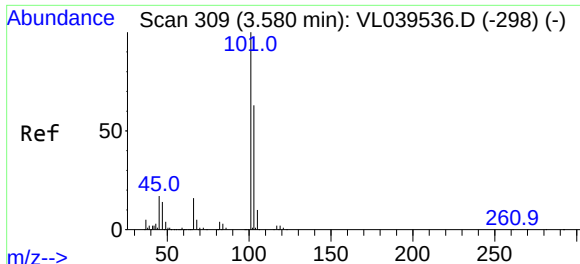
Tgt Ion: 41 Resp: 25729
Ion Ratio Lower Upper
41 100
42 71.5 55.4 83.0



#10
Heptane
Concen: 0.347 ppbv m
RT: 7.596 min Scan# 1553
Delta R.T. 0.010 min
Lab File: VL039568.D
Acq: 18 Aug 2022 21:04

Tgt Ion: 43 Resp: 41614
Ion Ratio Lower Upper
43 100
57 0.0 39.8 59.6#

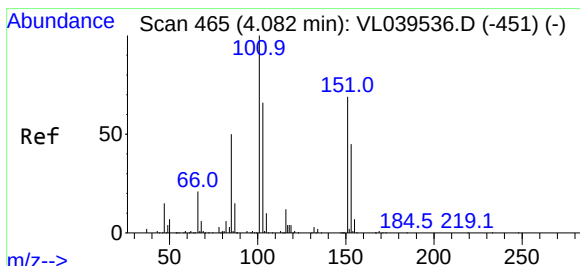
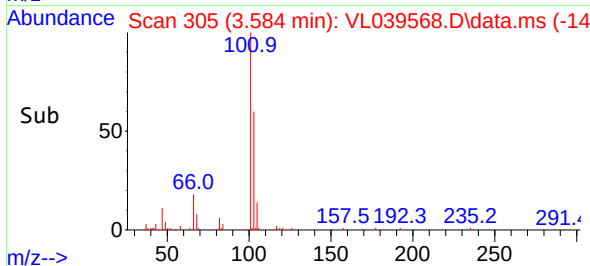
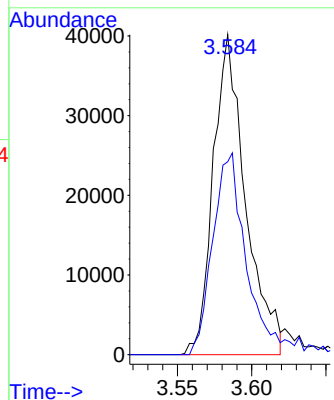
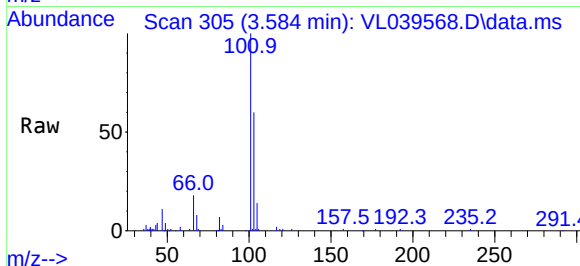




#11
Trichlorofluoromethane
Concen: 0.436 ppbv
RT: 3.584 min Scan# 309
Delta R.T. 0.004 min
Lab File: VL039568.D
Acq: 18 Aug 2022 21:04

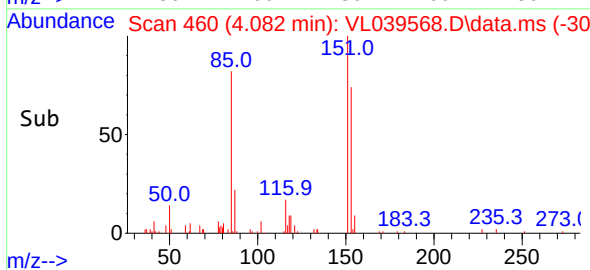
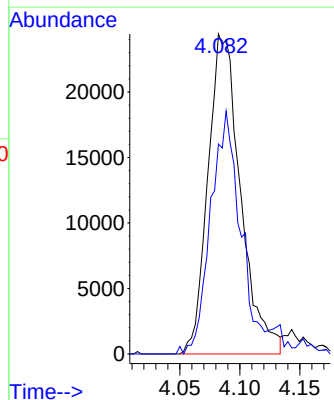
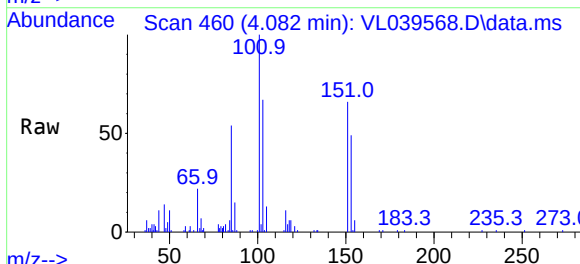
Instrument :
MSVOA_1
ClientSampleId :
LOD-MDL-AIR-01-QT3-2022

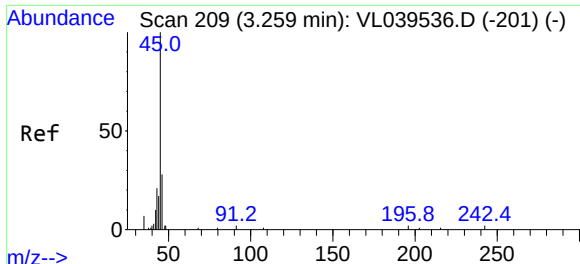
Tgt Ion:101 Resp: 60857
Ion Ratio Lower Upper
101 100
103 60.3 50.6 76.0



#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.448 ppbv
RT: 4.082 min Scan# 460
Delta R.T. 0.000 min
Lab File: VL039568.D
Acq: 18 Aug 2022 21:04

Tgt Ion:101 Resp: 46151
Ion Ratio Lower Upper
101 100
151 75.7 58.6 87.8

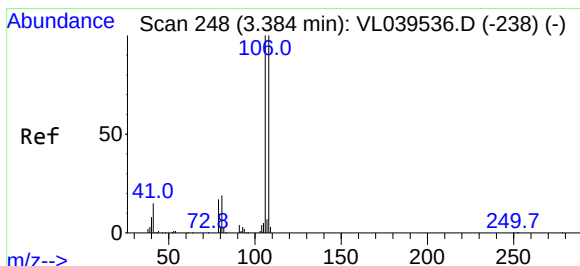
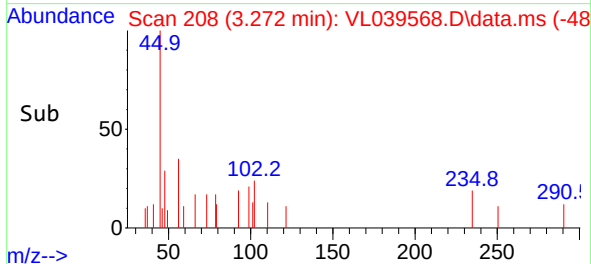
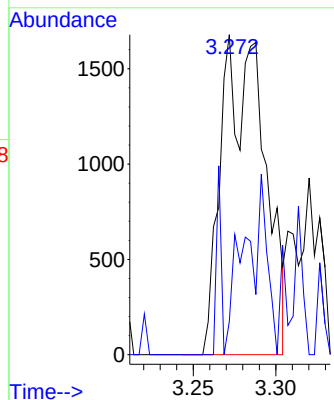
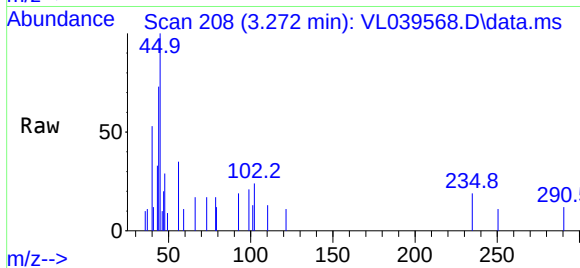




#13
Ethanol
Concen: 0.816 ppbv m
RT: 3.272 min Scan# 209
Delta R.T. 0.013 min
Lab File: VL039568.D
Acq: 18 Aug 2022 21:04

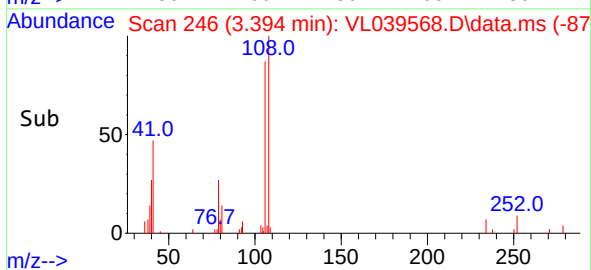
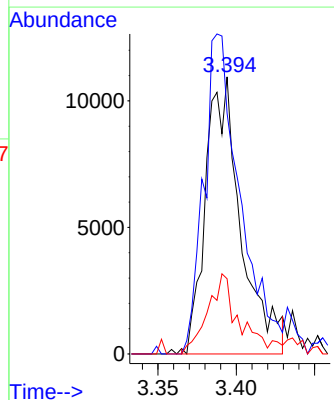
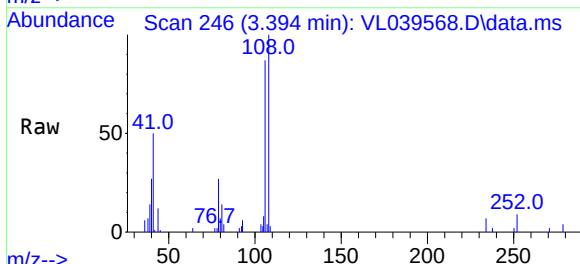
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT3-2022

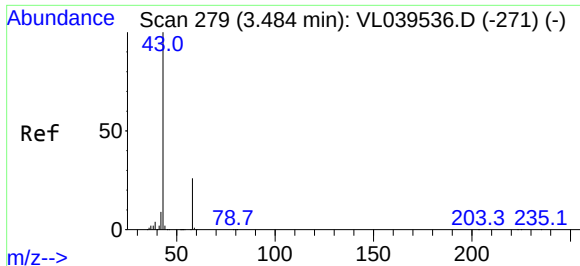
Tgt Ion: 45 Resp: 3029
Ion Ratio Lower Upper
45 100
46 40.2 19.3 77.1



#14
Bromoethene
Concen: 0.408 ppbv m
RT: 3.394 min Scan# 246
Delta R.T. 0.010 min
Lab File: VL039568.D
Acq: 18 Aug 2022 21:04

Tgt Ion: 108 Resp: 17167
Ion Ratio Lower Upper
108 100
106 0.0 86.6 130.0#
79 29.4 15.1 22.7#

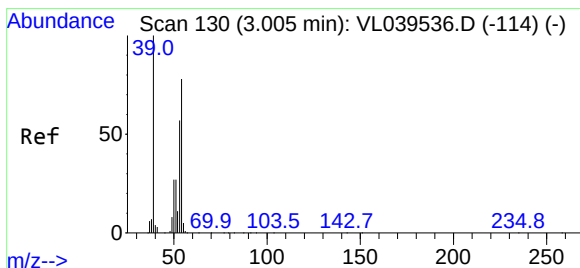
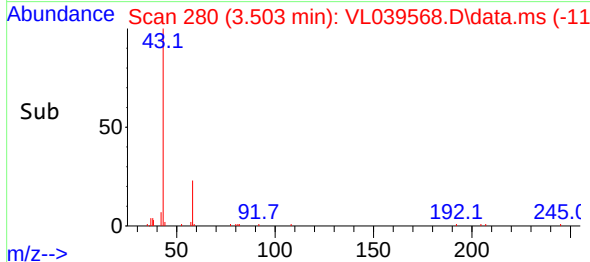
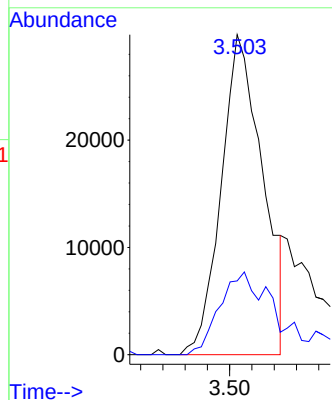
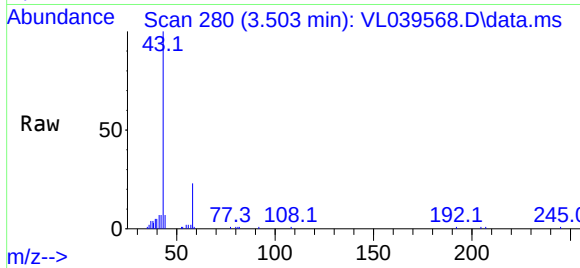




#15
Acetone
Concen: 0.363 ppbv
RT: 3.503 min Scan# 21
Delta R.T. 0.020 min
Lab File: VL039568.D
Acq: 18 Aug 2022 21:04

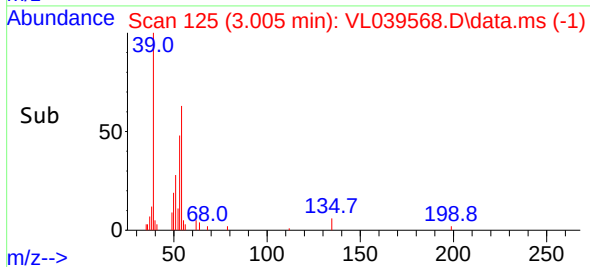
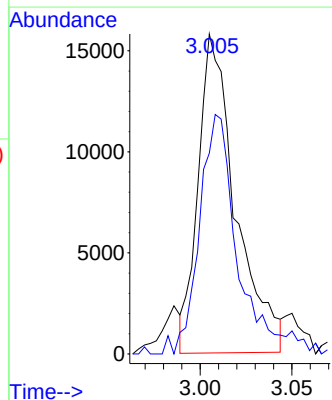
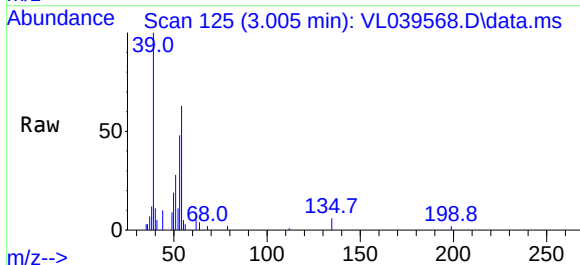
Instrument : MSVOA_1
ClientSampleId : LOD-MDL-AIR-01-QT3-2022

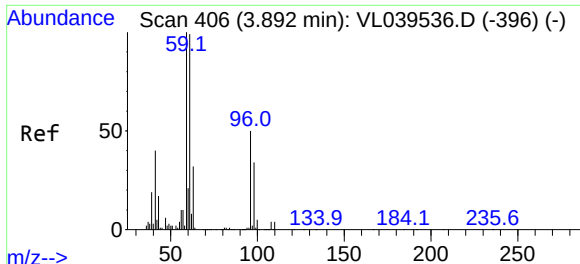
Tgt Ion: 43 Resp: 38727
Ion Ratio Lower Upper
43 100
58 42.9 20.7 31.1#



#16
1,3-Butadiene
Concen: 0.405 ppbv
RT: 3.005 min Scan# 125
Delta R.T. 0.000 min
Lab File: VL039568.D
Acq: 18 Aug 2022 21:04

Tgt Ion: 39 Resp: 22433
Ion Ratio Lower Upper
39 100
54 77.6 61.8 92.8





#17

tert-Butyl alcohol

Concen: 0.384 ppbv m

RT: 3.915 min Scan# 408

Delta R.T. 0.023 min

Lab File: VL039568.D

Acq: 18 Aug 2022 21:04

Instrument :

MSVOA_1

ClientSampleId :

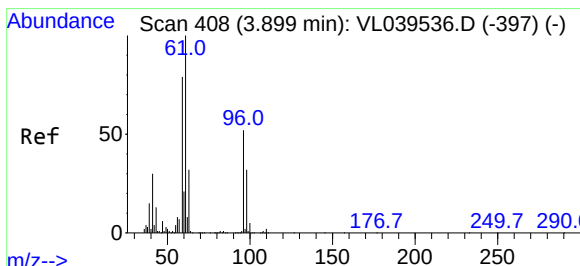
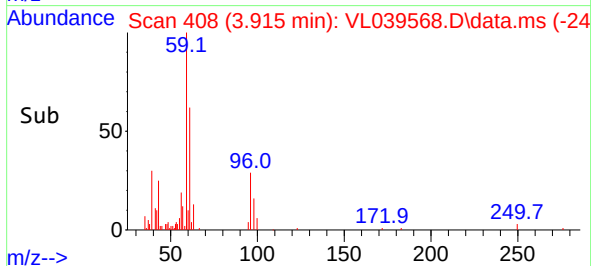
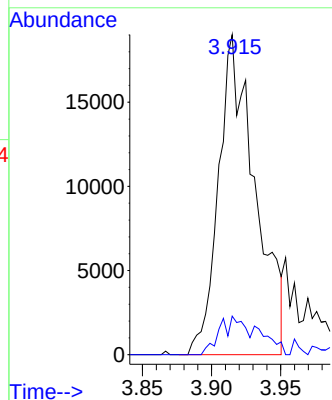
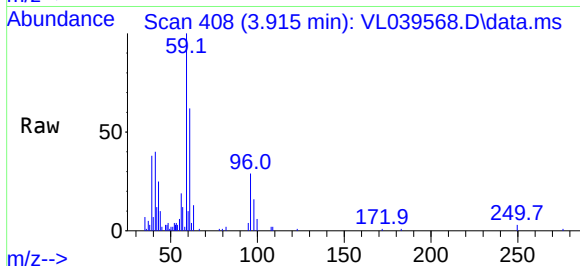
LOD-MDL-AIR-01-QT3-2022

Tgt Ion: 59 Resp: 35001

Ion Ratio Lower Upper

59 100

57 14.1 8.6 12.8#



#18

1,1-Dichloroethene

Concen: 0.394 ppbv

RT: 3.899 min Scan# 403

Delta R.T. 0.000 min

Lab File: VL039568.D

Acq: 18 Aug 2022 21:04

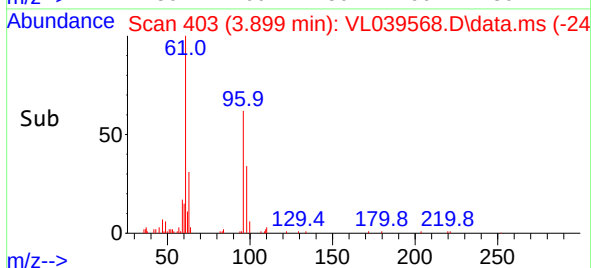
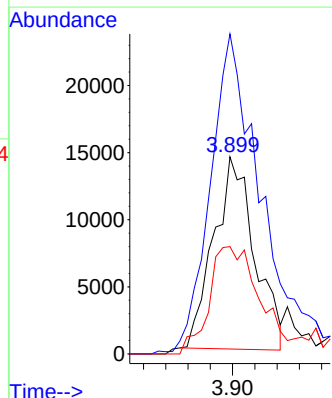
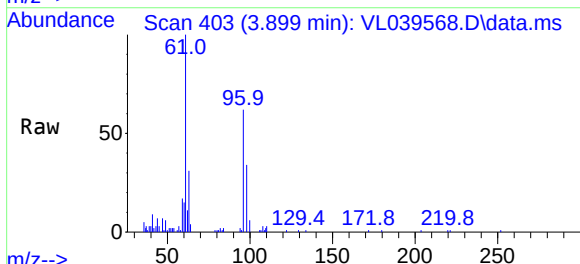
Tgt Ion: 96 Resp: 18305

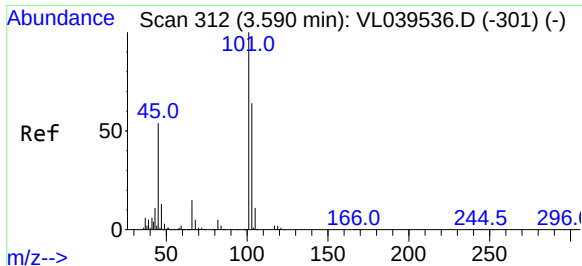
Ion Ratio Lower Upper

96 100

61 160.7 153.8 230.6

98 56.2 48.6 73.0

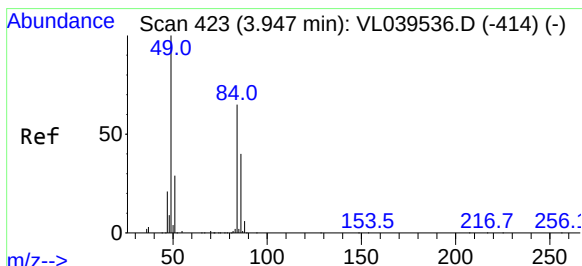
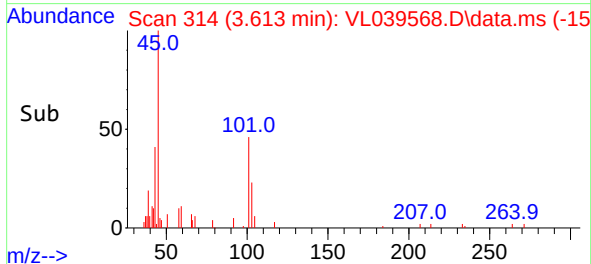
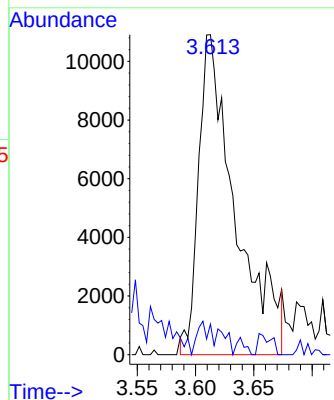
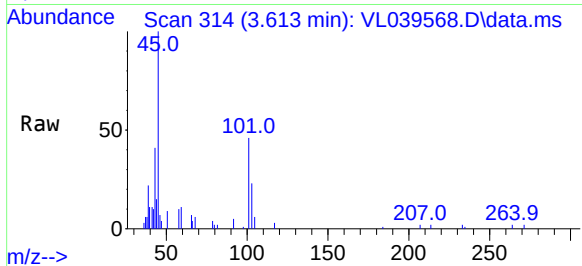




#19
Isopropyl Alcohol
Concen: 0.458 ppbv m
RT: 3.613 min Scan# 312
Delta R.T. 0.023 min
Lab File: VL039568.D
Acq: 18 Aug 2022 21:04

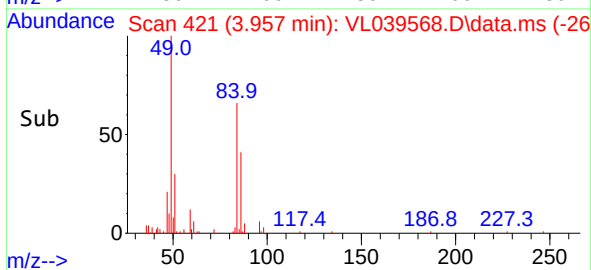
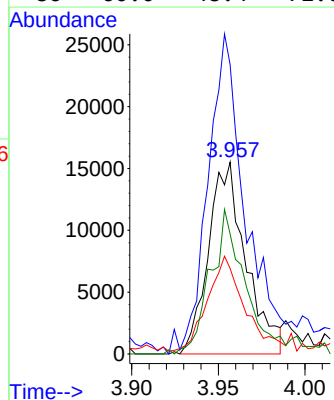
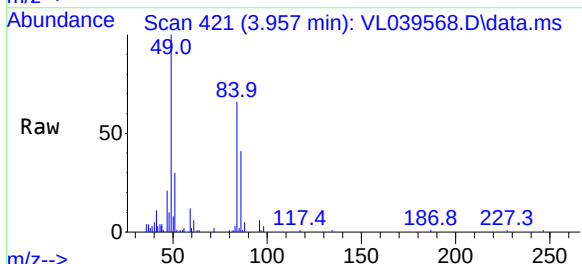
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT3-2022

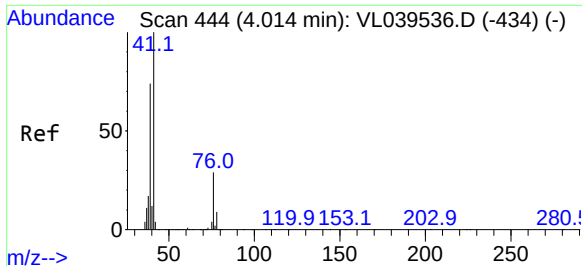
Tgt Ion: 45 Resp: 23878
Ion Ratio Lower Upper
45 100
58 0.0 0.0 0.0



#20
Methylene Chloride
Concen: 0.536 ppbv
RT: 3.957 min Scan# 421
Delta R.T. 0.010 min
Lab File: VL039568.D
Acq: 18 Aug 2022 21:04

Tgt Ion: 84 Resp: 23314
Ion Ratio Lower Upper
84 100
49 145.4 122.2 183.4
51 41.9 35.8 53.6
86 60.0 48.4 72.6

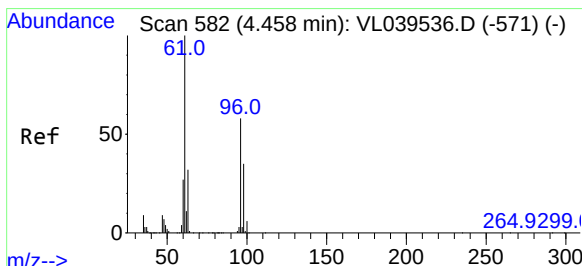
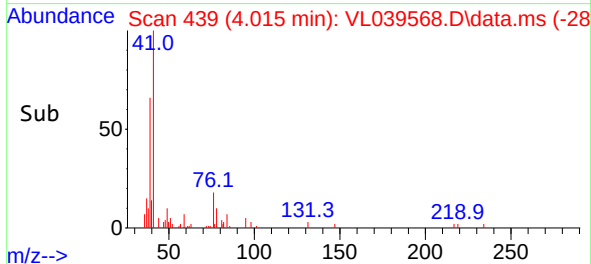
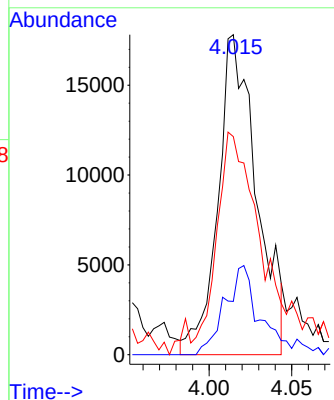
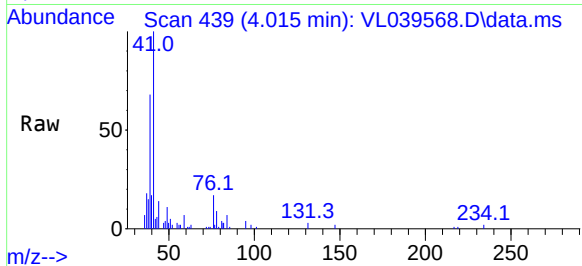




#21
 Allyl Chloride
 Concen: 0.418 ppbv m
 RT: 4.015 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VL039568.D
 Acq: 18 Aug 2022 21:04

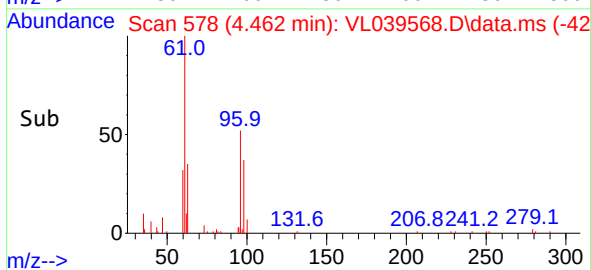
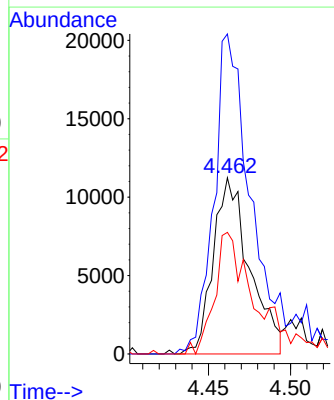
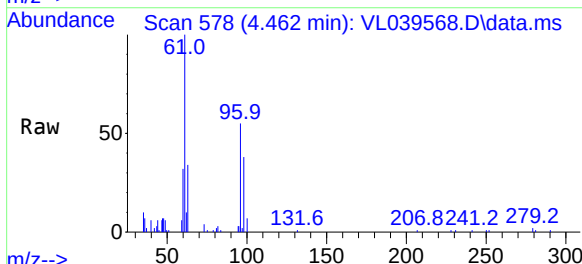
Instrument :
 MSVOA_1
 ClientSampleId :
 LOD-MDL-AIR-01-QT3-2022

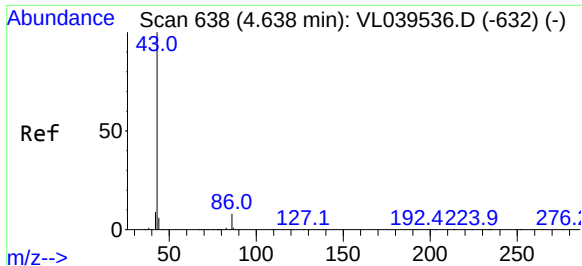
Tgt Ion: 41 Resp: 28995
 Ion Ratio Lower Upper
 41 100
 76 0.0 23.1 34.7#
 39 91.4 63.4 95.2



#22
 trans-1,2-Dichloroethene
 Concen: 0.375 ppbv
 RT: 4.462 min Scan# 578
 Delta R.T. 0.003 min
 Lab File: VL039568.D
 Acq: 18 Aug 2022 21:04

Tgt Ion: 96 Resp: 17329
 Ion Ratio Lower Upper
 96 100
 61 178.9 138.1 207.1
 98 69.0 48.8 73.2

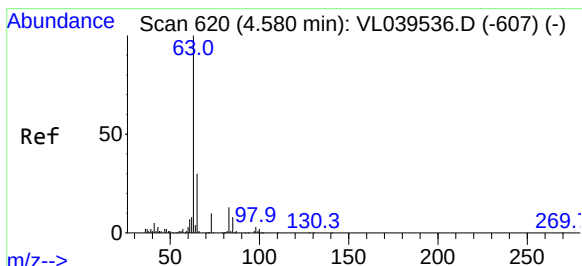
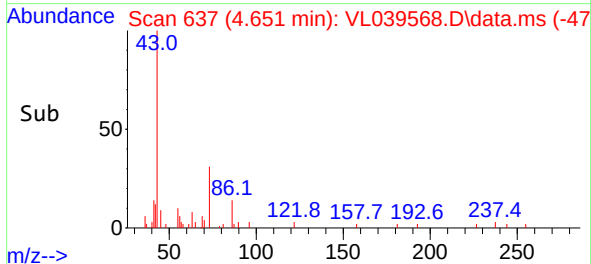
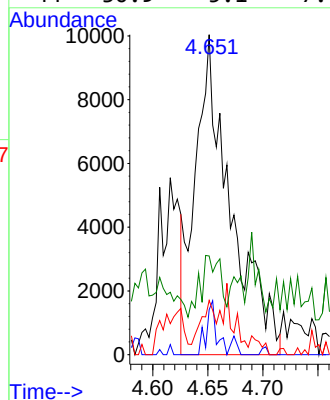
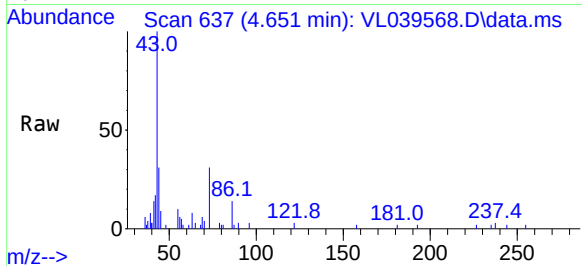




#23
 Vinyl Acetate
 Concen: 0.420 ppbv m
 RT: 4.651 min Scan# 615
 Delta R.T. 0.013 min
 Lab File: VL039568.D
 Acq: 18 Aug 2022 21:04

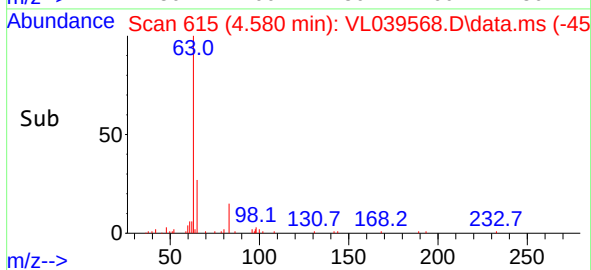
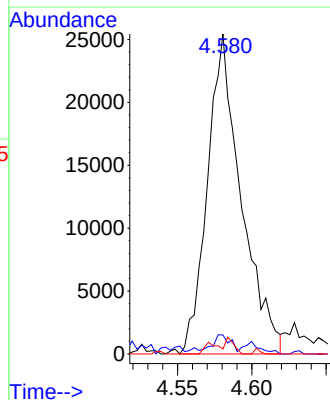
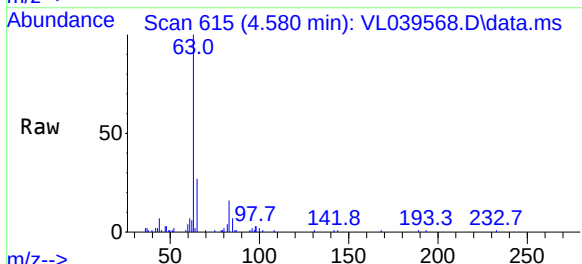
Instrument :
 MSVOA_1
 ClientSampleId :
 LOD-MDL-AIR-01-QT3-2022

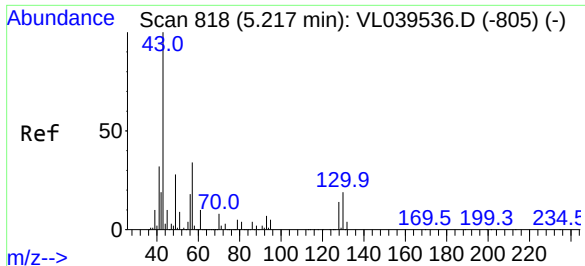
Tgt Ion: 43	Resp: 22539
Ion Ratio	Lower Upper
43 100	
86 14.1	5.3 7.9#
42 16.9	8.7 13.1#
44 30.9	5.1 7.7#



#24
 1,1-Dichloroethane
 Concen: 0.426 ppbv
 RT: 4.580 min Scan# 615
 Delta R.T. 0.000 min
 Lab File: VL039568.D
 Acq: 18 Aug 2022 21:04

Tgt Ion: 63	Resp: 40241
Ion Ratio	Lower Upper
63 100	
98 6.1	1.7 5.0#
100 1.6	1.1 3.3





#25

Ethyl Acetate

Concen: 0.341 ppbv

RT: 5.230 min Scan# 81

Delta R.T. 0.013 min

Lab File: VL039568.D

Acq: 18 Aug 2022 21:04

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT3-2022

Tgt Ion: 43 Resp: 77685

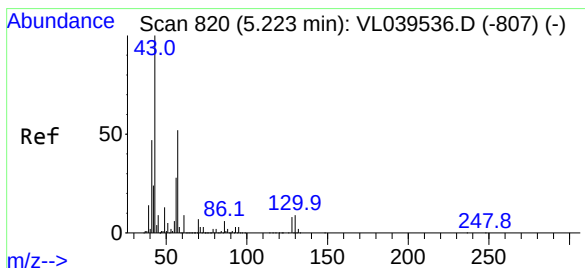
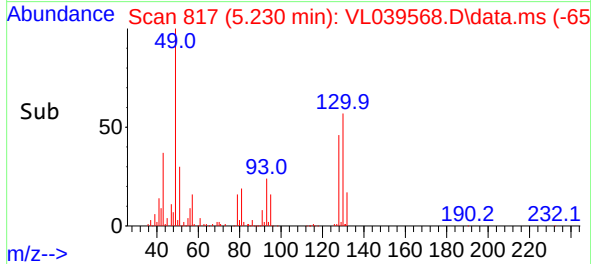
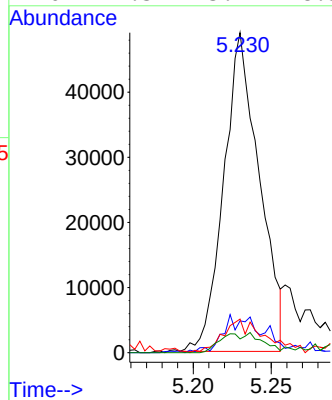
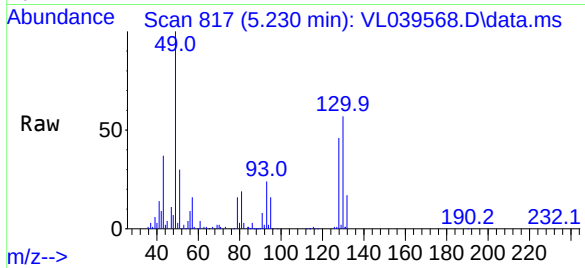
Ion Ratio Lower Upper

43 100

45 14.9 8.2 12.4#

61 14.8 8.6 12.8#

70 7.5 5.7 8.5



#26

Hexane

Concen: 0.385 ppbv

RT: 5.227 min Scan# 816

Delta R.T. 0.003 min

Lab File: VL039568.D

Acq: 18 Aug 2022 21:04

Tgt Ion: 57 Resp: 35906

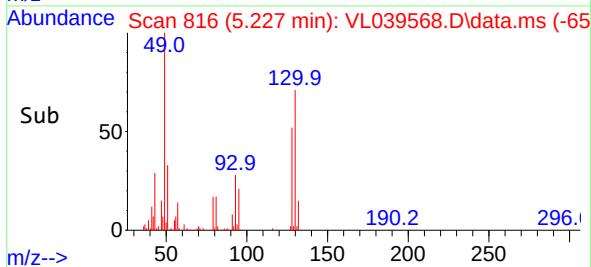
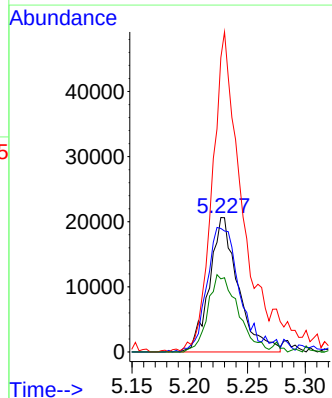
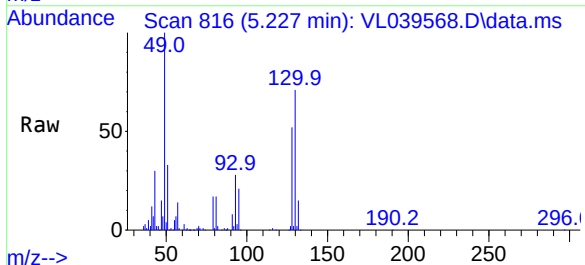
Ion Ratio Lower Upper

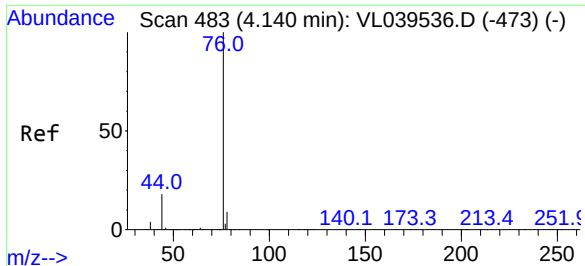
57 100

41 112.7 79.4 119.2

43 266.8 199.7 299.5

56 64.0 44.0 66.0

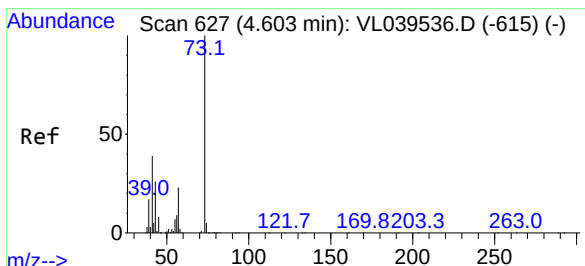
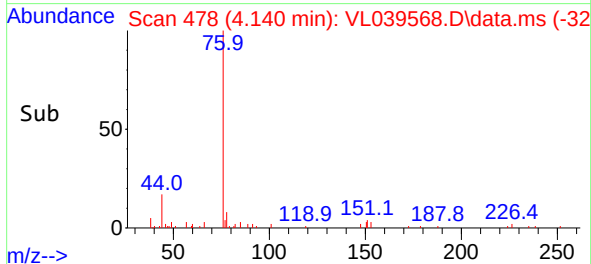
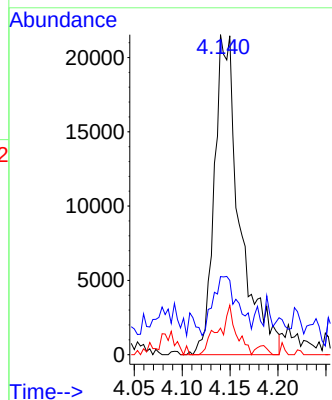
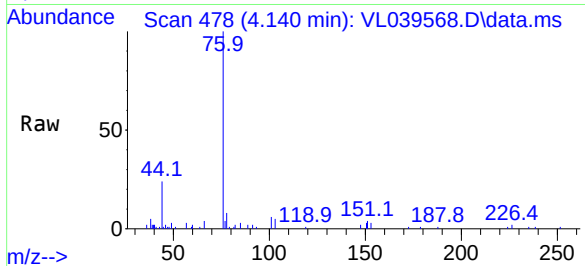




#27
Carbon Disulfide
Concen: 0.399 ppbv m
RT: 4.140 min Scan# 41
Delta R.T. 0.000 min
Lab File: VL039568.D
Acq: 18 Aug 2022 21:04

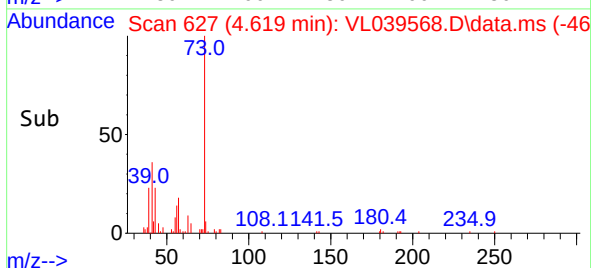
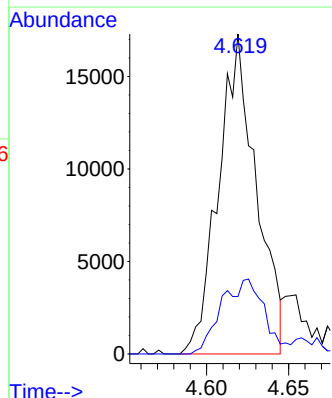
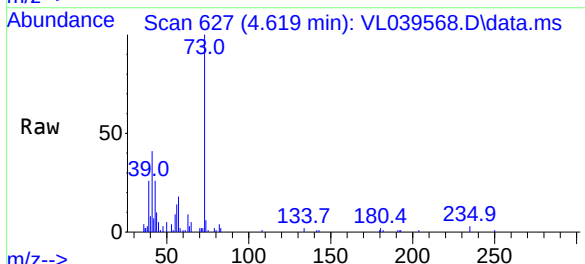
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT3-2022

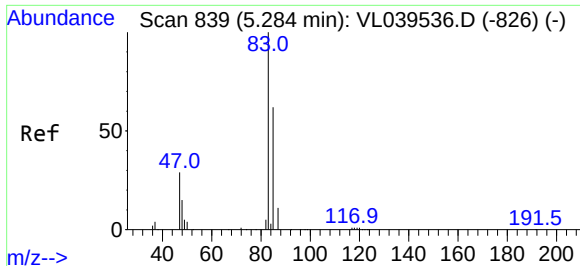
Tgt Ion: 76 Resp: 39718
Ion Ratio Lower Upper
76 100
44 10.6 16.3 24.5#
78 4.9 7.8 11.6#



#28
Methyl tert-Butyl Ether
Concen: 0.337 ppbv
RT: 4.619 min Scan# 627
Delta R.T. 0.016 min
Lab File: VL039568.D
Acq: 18 Aug 2022 21:04

Tgt Ion: 73 Resp: 27652
Ion Ratio Lower Upper
73 100
57 30.0 19.8 29.6#

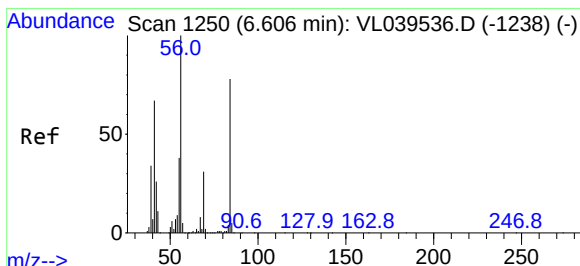
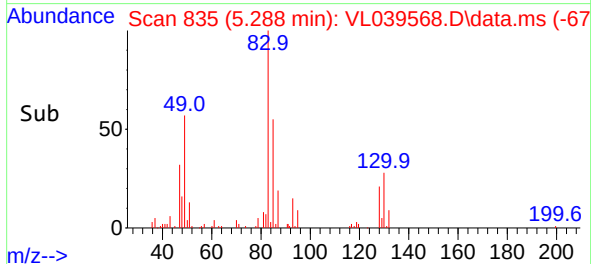
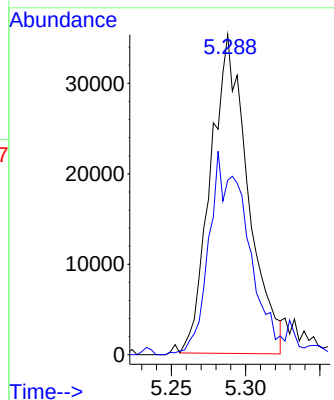
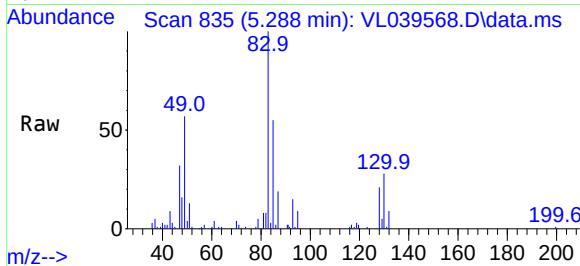




#29
Chloroform
Concen: 0.423 ppbv
RT: 5.288 min Scan# 81
Delta R.T. 0.003 min
Lab File: VL039568.D
Acq: 18 Aug 2022 21:04

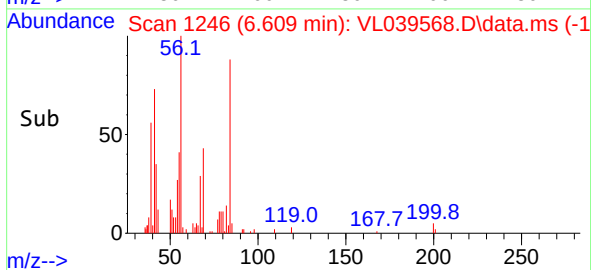
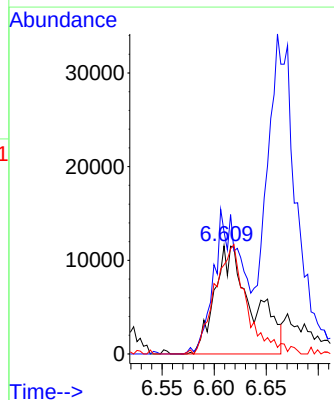
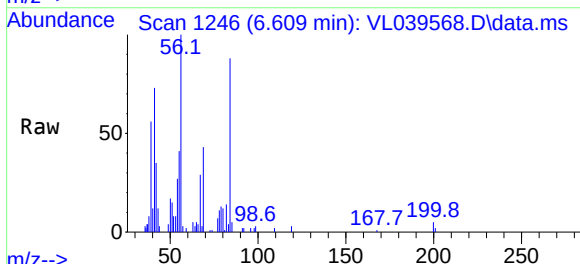
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT3-2022

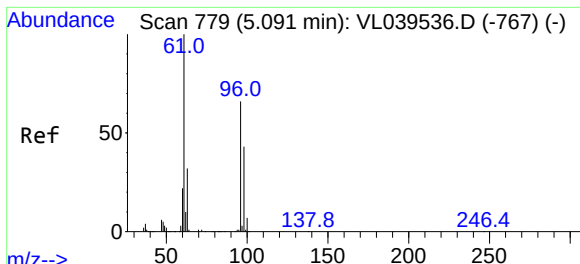
Tgt Ion: 83 Resp: 61728
Ion Ratio Lower Upper
83 100
85 53.7 49.8 74.8



#30
Cyclohexane
Concen: 0.376 ppbv m
RT: 6.609 min Scan# 1246
Delta R.T. 0.003 min
Lab File: VL039568.D
Acq: 18 Aug 2022 21:04

Tgt Ion: 84 Resp: 29125
Ion Ratio Lower Upper
84 100
56 100.5 0.0 0.0#
41 0.0 0.0 0.0

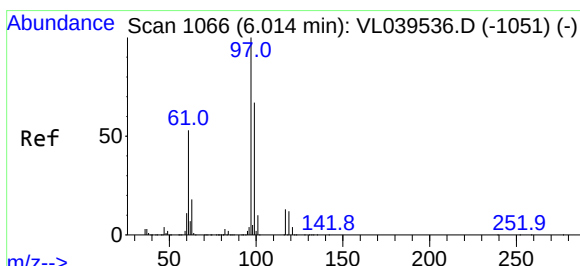
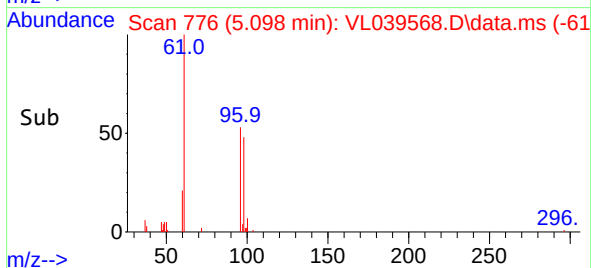
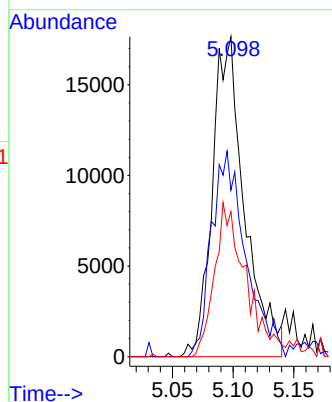
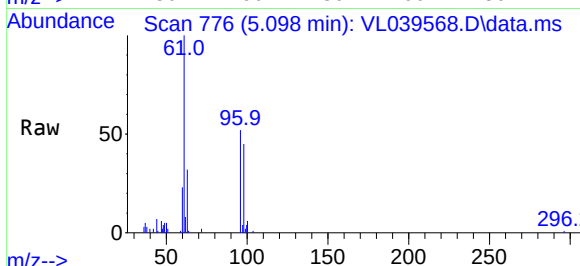




#31
 cis-1,2-Dichloroethene
 Concen: 0.360 ppbv m
 RT: 5.098 min Scan# 71
 Delta R.T. 0.007 min
 Lab File: VL039568.D
 Acq: 18 Aug 2022 21:04

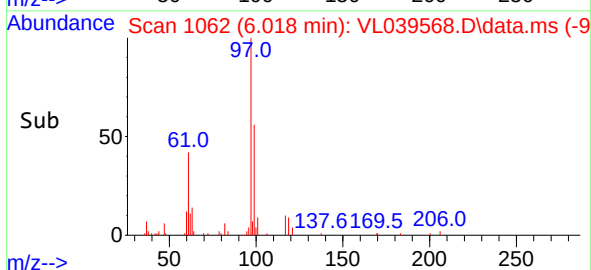
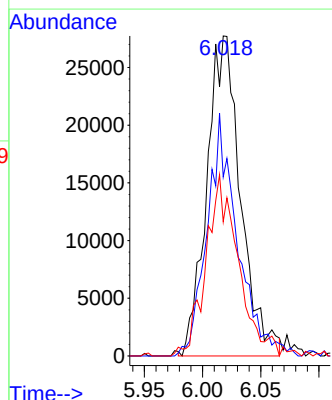
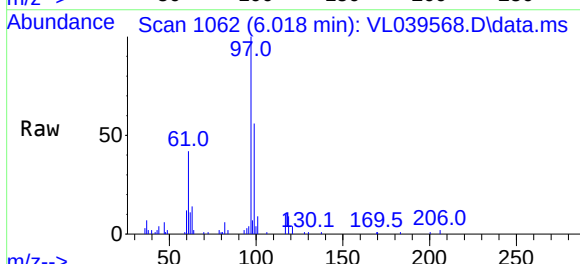
Instrument :
 MSVOA_1
 ClientSampleId :
 LOD-MDL-AIR-01-QT3-2022

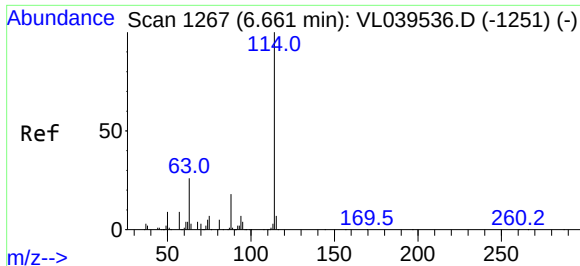
Tgt Ion: 61 Resp: 32522
 Ion Ratio Lower Upper
 61 100
 96 52.1 52.9 79.3#
 98 45.4 34.5 51.7



#32
 1,1,1-Trichloroethane
 Concen: 0.409 ppbv m
 RT: 6.018 min Scan# 1062
 Delta R.T. 0.004 min
 Lab File: VL039568.D
 Acq: 18 Aug 2022 21:04

Tgt Ion: 97 Resp: 56002
 Ion Ratio Lower Upper
 97 100
 99 68.0 52.4 78.6
 61 54.9 42.9 64.3

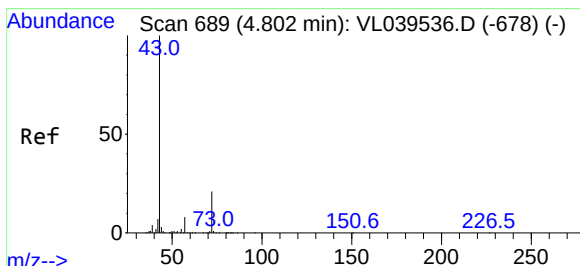
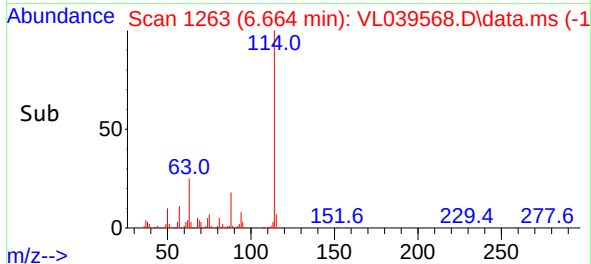
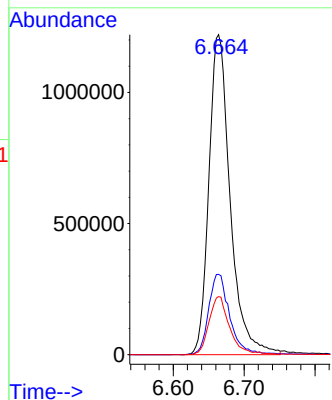
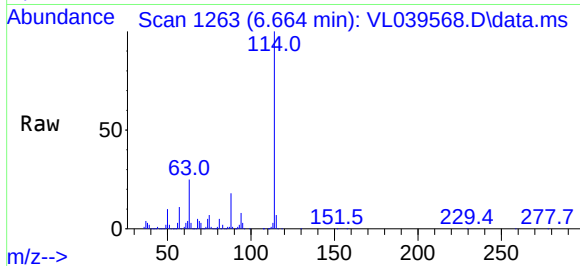




#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.664 min Scan# 11
Delta R.T. 0.003 min
Lab File: VL039568.D
Acq: 18 Aug 2022 21:04

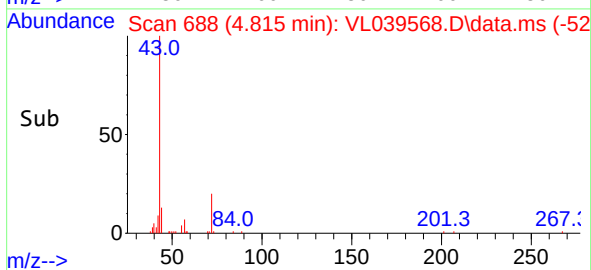
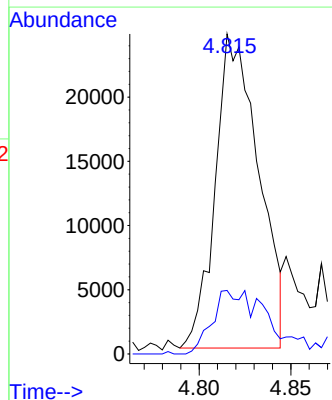
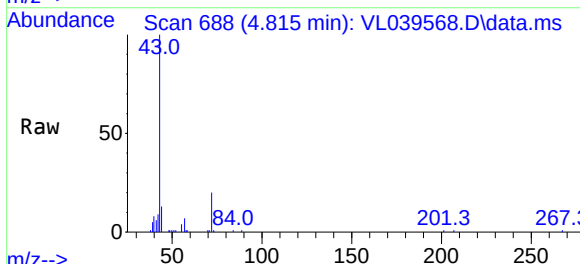
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT3-2022

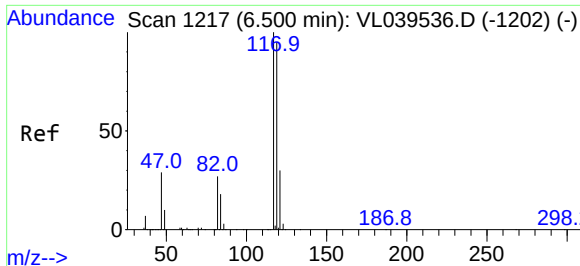
Tgt Ion:114 Resp: 2544558
Ion Ratio Lower Upper
114 100
63 25.2 20.6 31.0
88 17.8 14.6 22.0



#34
2-Butanone
Concen: 0.314 ppbv
RT: 4.815 min Scan# 688
Delta R.T. 0.013 min
Lab File: VL039568.D
Acq: 18 Aug 2022 21:04

Tgt Ion: 43 Resp: 40217
Ion Ratio Lower Upper
43 100
72 26.0 17.4 26.0

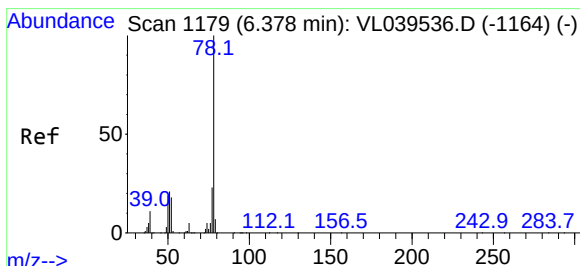
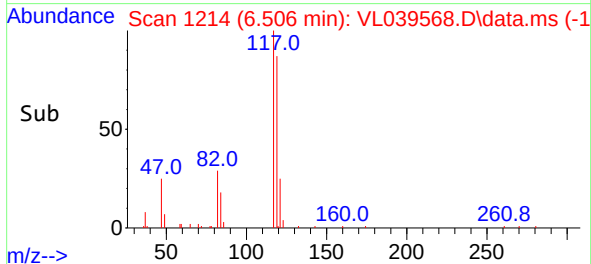
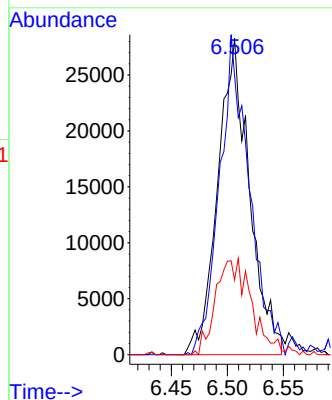
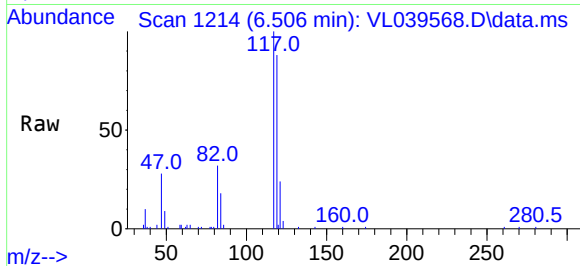




#35
Carbon Tetrachloride
Concen: 0.387 ppbv m
RT: 6.506 min Scan# 1176
Delta R.T. 0.007 min
Lab File: VL039568.D
Acq: 18 Aug 2022 21:04

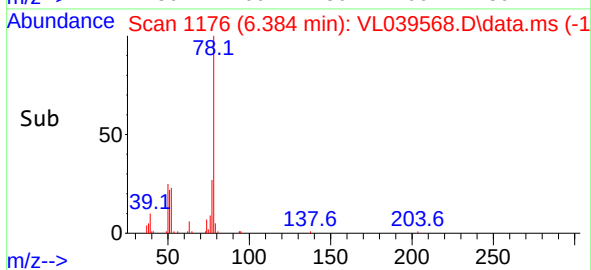
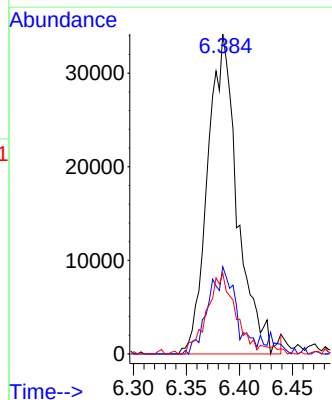
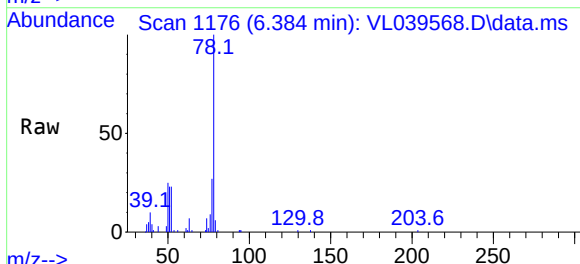
Instrument : MSVOA_1
ClientSampleId :
LOD-MDL-AIR-01-QT3-2022

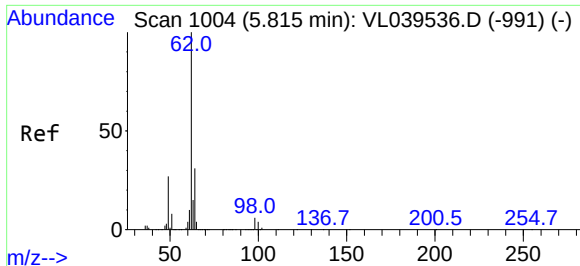
Tgt Ion:117 Resp: 55437
Ion Ratio Lower Upper
117 100
119 88.2 76.2 114.4
121 23.6 24.4 36.6#



#36
Benzene
Concen: 0.345 ppbv m
RT: 6.384 min Scan# 1176
Delta R.T. 0.007 min
Lab File: VL039568.D
Acq: 18 Aug 2022 21:04

Tgt Ion: 78 Resp: 66847
Ion Ratio Lower Upper
78 100
77 27.2 18.6 27.8
50 25.2 15.0 22.4#

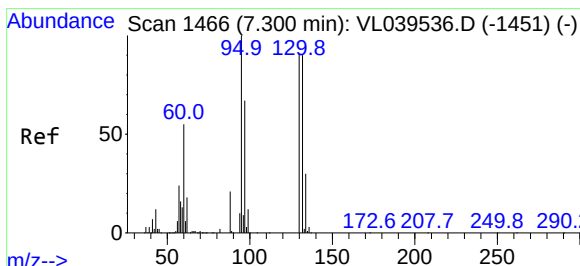
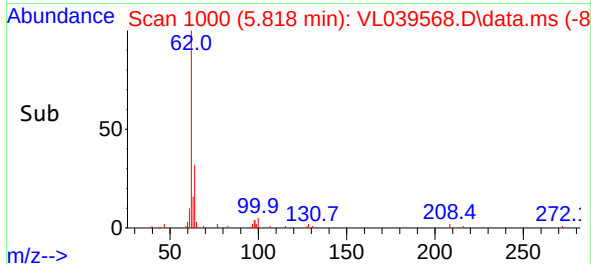
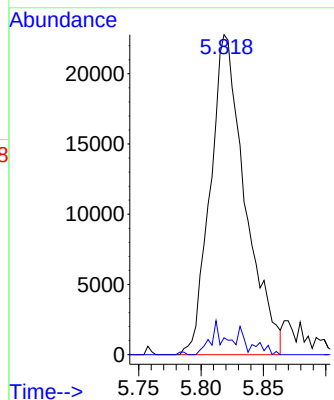
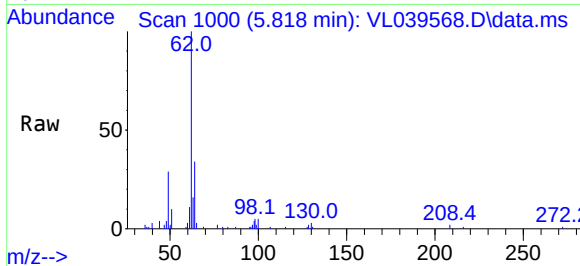




#37
1,2-Dichloroethane
Concen: 0.411 ppbv
RT: 5.818 min Scan# 1004
Delta R.T. 0.003 min
Lab File: VL039568.D
Acq: 18 Aug 2022 21:04

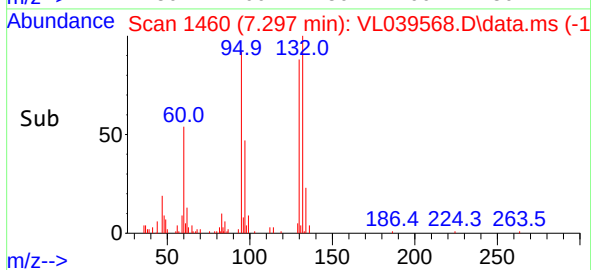
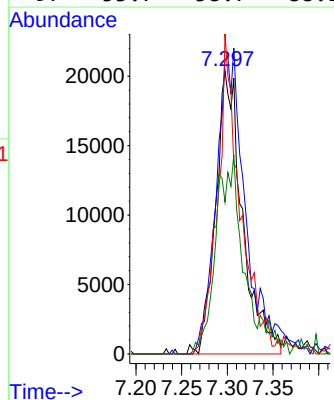
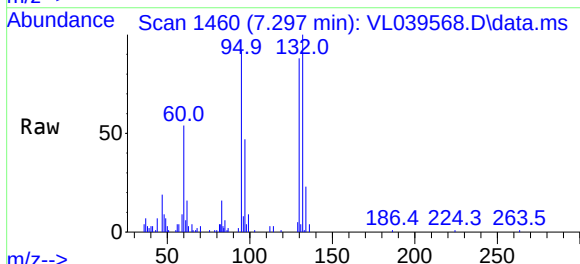
Instrument : MSVOA_1
ClientSampleId : LOD-MDL-AIR-01-QT3-2022

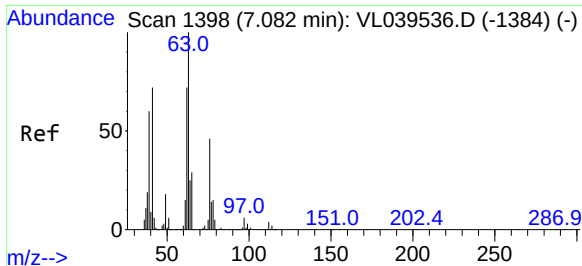
Tgt Ion: 62 Resp: 44314
Ion Ratio Lower Upper
62 100
98 7.3 5.4 8.2



#38
Trichloroethene
Concen: 0.395 ppbv m
RT: 7.297 min Scan# 1460
Delta R.T. -0.003 min
Lab File: VL039568.D
Acq: 18 Aug 2022 21:04

Tgt Ion: 130 Resp: 41604
Ion Ratio Lower Upper
130 100
95 103.9 88.0 132.0
132 113.1 79.1 118.7
97 53.7 58.7 88.1#





#39

1,2-Dichloropropane

Concen: 0.444 ppbv m

RT: 7.085 min Scan# 11

Delta R.T. 0.003 min

Lab File: VL039568.D

Acq: 18 Aug 2022 21:04

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT3-2022

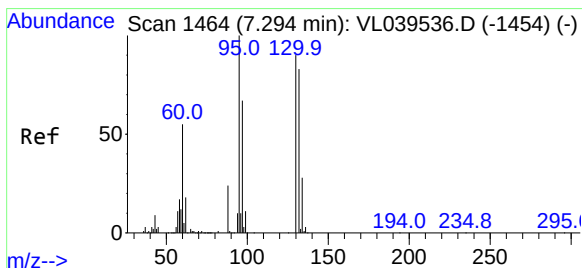
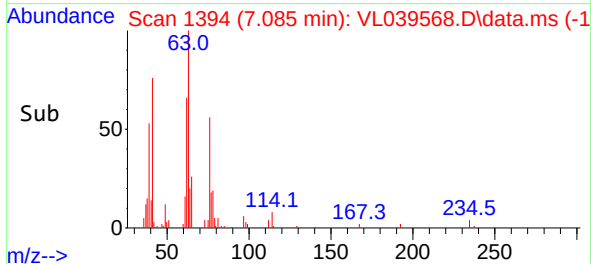
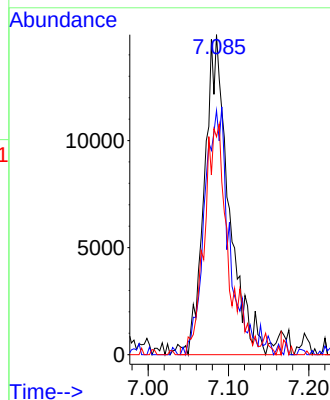
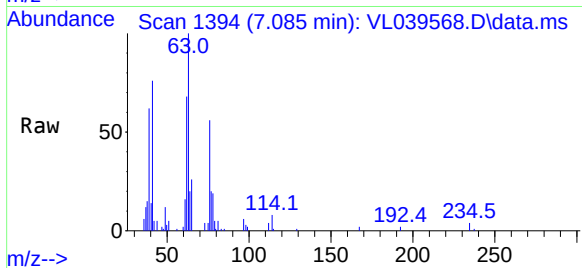
Tgt Ion: 63 Resp: 32277

Ion Ratio Lower Upper

63 100

41 76.3 58.0 87.0

62 68.1 57.8 86.8



#40

1,4-Dioxane

Concen: 0.373 ppbv m

RT: 7.352 min Scan# 1477

Delta R.T. 0.058 min

Lab File: VL039568.D

Acq: 18 Aug 2022 21:04

Tgt Ion: 88 Resp: 10747

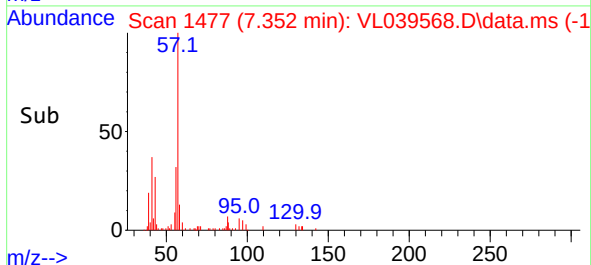
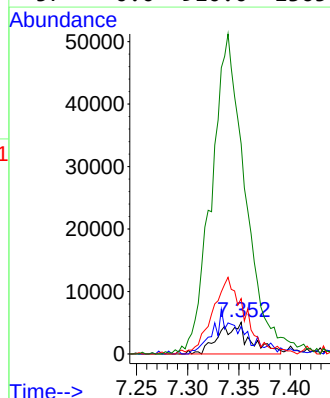
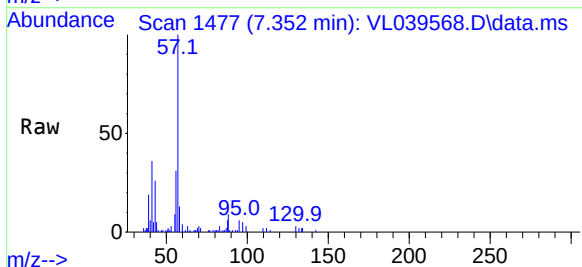
Ion Ratio Lower Upper

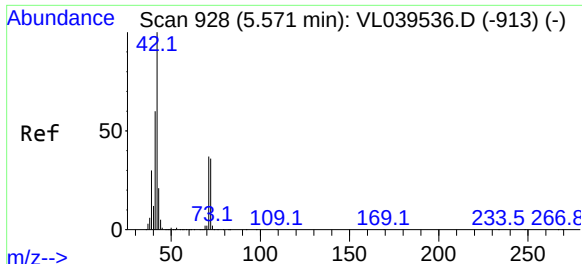
88 100

58 0.0 102.8 154.2#

43 0.0 216.2 324.2#

57 0.0 910.0 1365.0#





#41

Tetrahydrofuran

Concen: 0.299 ppbv m

RT: 5.597 min Scan# 91

Delta R.T. 0.026 min

Lab File: VL039568.D

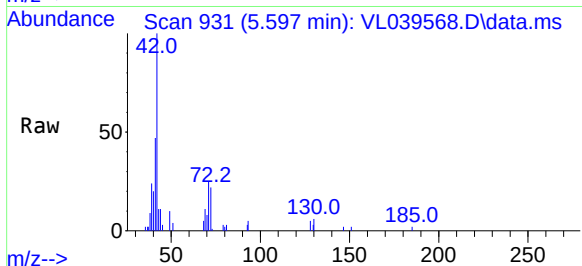
Acq: 18 Aug 2022 21:04

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT3-2022



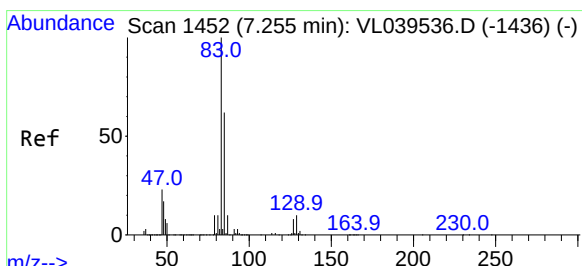
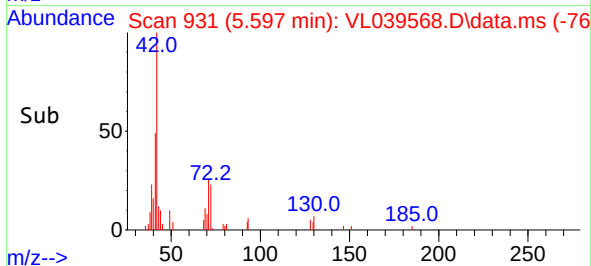
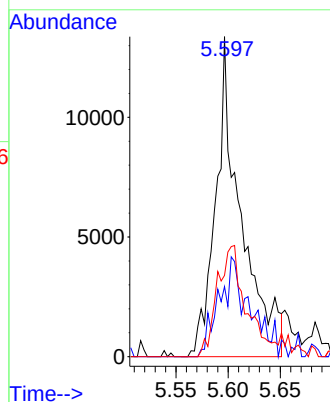
Tgt Ion: 42 Resp: 22478

Ion Ratio Lower Upper

42 100

72 0.0 30.6 45.8#

71 0.0 30.7 46.1#



#42

Bromodichloromethane

Concen: 0.382 ppbv

RT: 7.259 min Scan# 1448

Delta R.T. 0.003 min

Lab File: VL039568.D

Acq: 18 Aug 2022 21:04

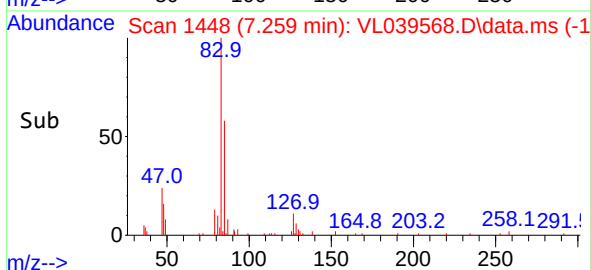
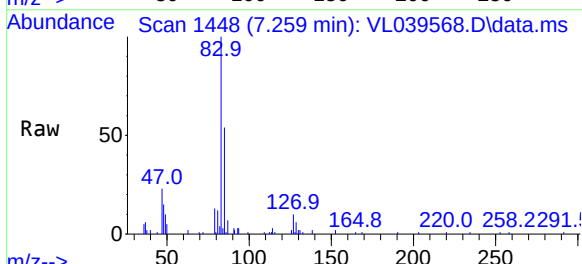
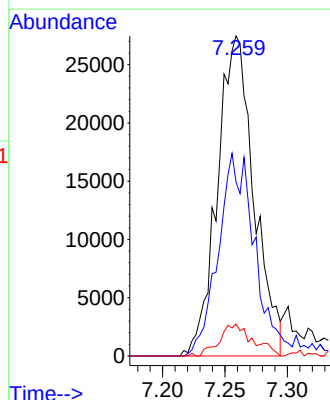
Tgt Ion: 83 Resp: 56263

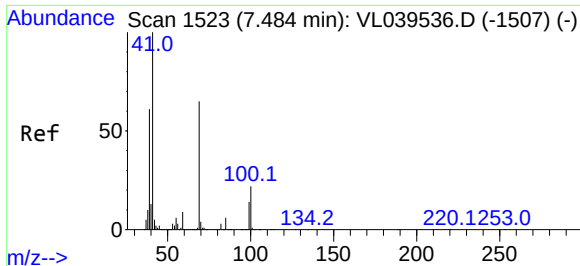
Ion Ratio Lower Upper

83 100

85 54.3 49.9 74.9

127 10.0 6.7 10.1

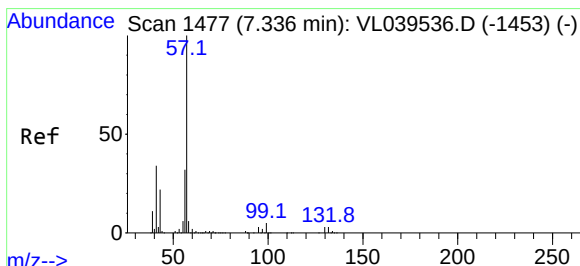
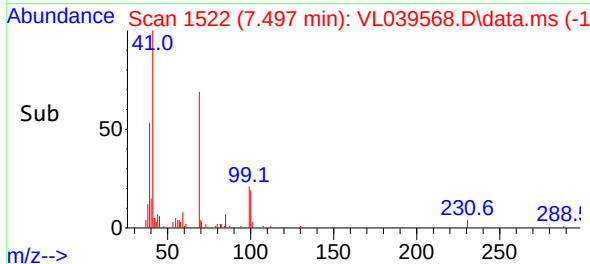
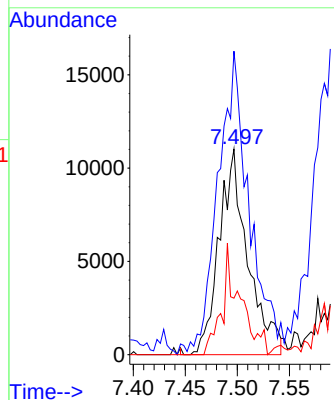
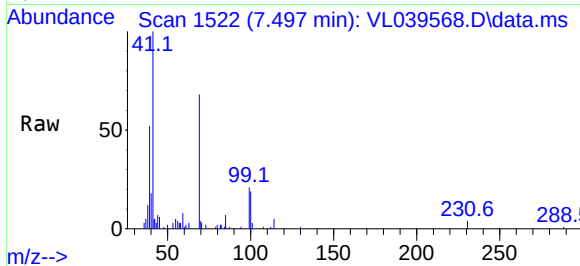




#43
Methyl Methacrylate
Concen: 0.300 ppbv m
RT: 7.497 min Scan# 1
Delta R.T. 0.013 min
Lab File: VL039568.D
Acq: 18 Aug 2022 21:04

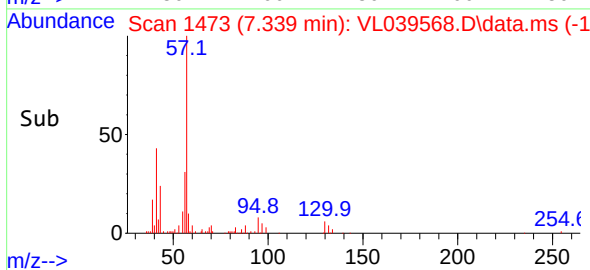
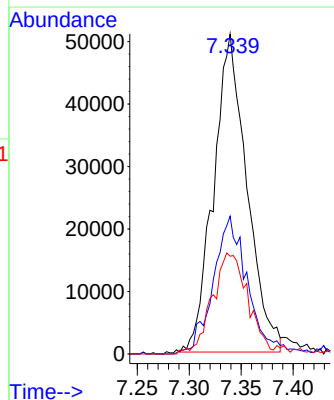
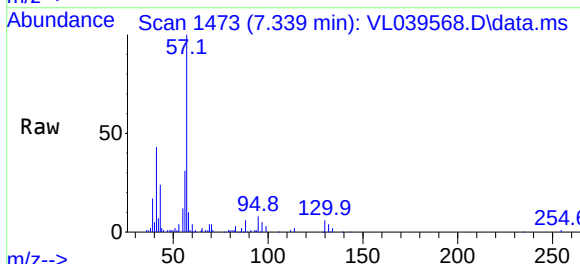
Instrument : MSVOA_1
ClientSampleId :
LOD-MDL-AIR-01-QT3-2022

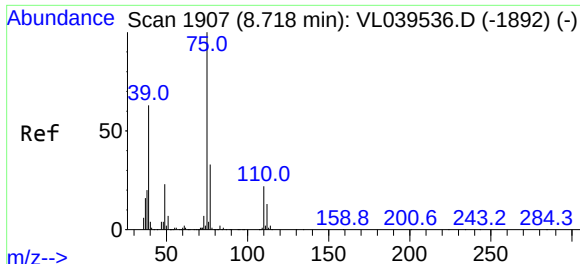
Tgt Ion: 69 Resp: 21091
Ion Ratio Lower Upper
69 100
41 0.0 123.0 184.6#
100 36.5 27.4 41.2



#44
2,2,4-Trimethylpentane
Concen: 0.348 ppbv
RT: 7.339 min Scan# 1473
Delta R.T. 0.003 min
Lab File: VL039568.D
Acq: 18 Aug 2022 21:04

Tgt Ion: 57 Resp: 113835
Ion Ratio Lower Upper
57 100
41 44.8 27.8 41.6#
56 35.6 25.5 38.3





#45

t-1,3-Dichloropropene

Concen: 0.252 ppbv m

RT: 8.712 min Scan# 1907

Delta R.T. -0.006 min

Lab File: VL039568.D

Acq: 18 Aug 2022 21:04

Instrument :

MSVOA_1

ClientSampleId :

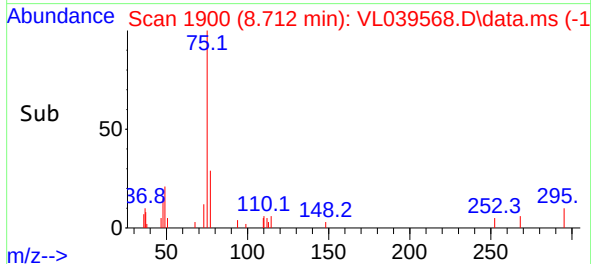
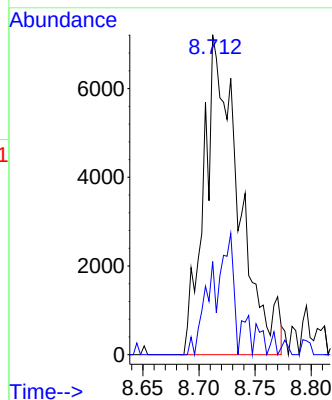
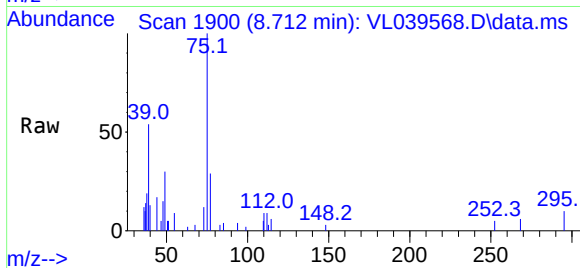
LOD-MDL-AIR-01-QT3-2022

Tgt Ion: 75 Resp: 15534

Ion Ratio Lower Upper

75 100

77 29.1 26.2 39.2



#46

cis-1,3-Dichloropropene

Concen: 0.277 ppbv m

RT: 8.153 min Scan# 1726

Delta R.T. 0.003 min

Lab File: VL039568.D

Acq: 18 Aug 2022 21:04

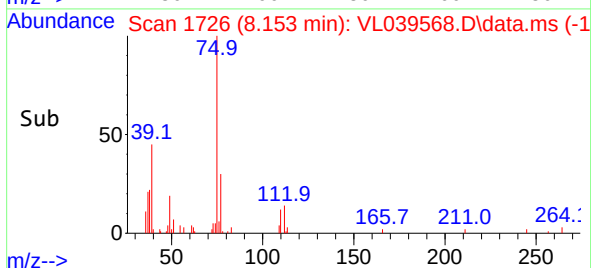
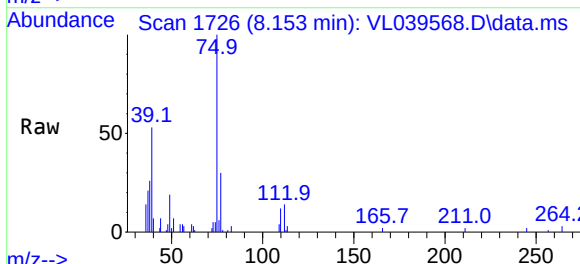
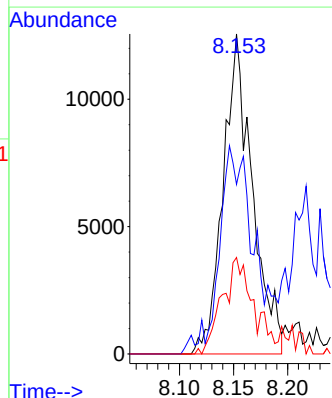
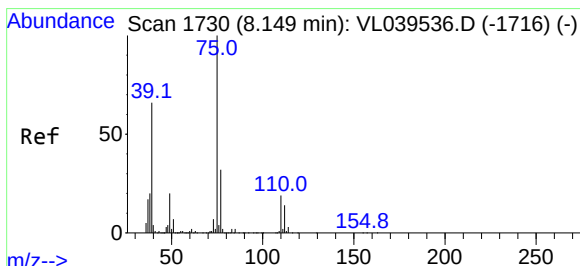
Tgt Ion: 75 Resp: 23519

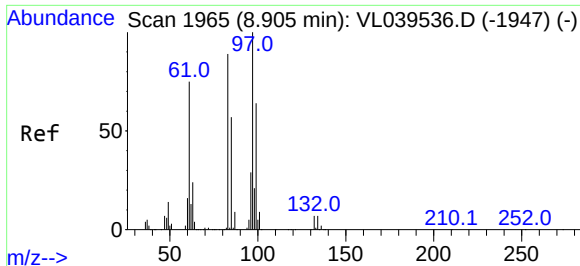
Ion Ratio Lower Upper

75 100

39 53.0 52.8 79.2

77 30.2 25.3 37.9

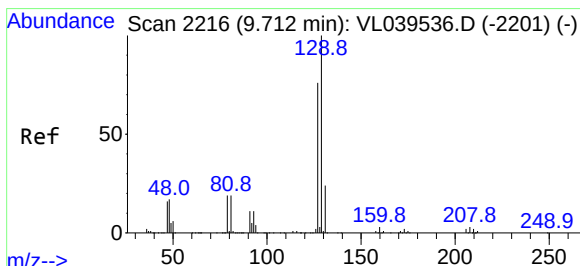
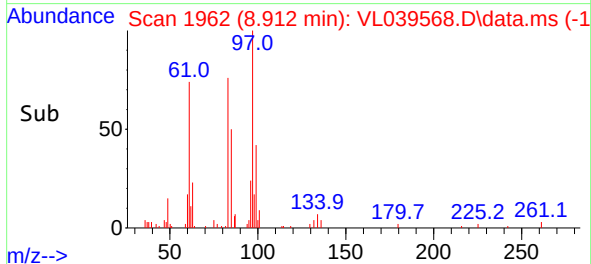
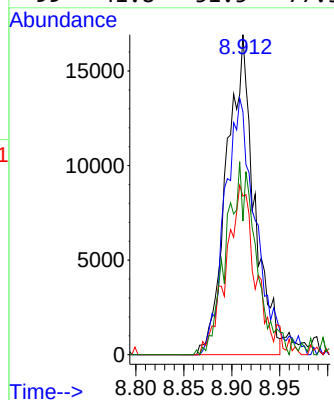
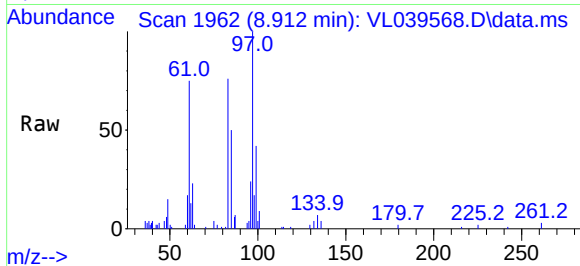




#47
1,1,2-Trichloroethane
Concen: 0.404 ppbv m
RT: 8.912 min Scan# 1965
Delta R.T. 0.007 min
Lab File: VL039568.D
Acq: 18 Aug 2022 21:04

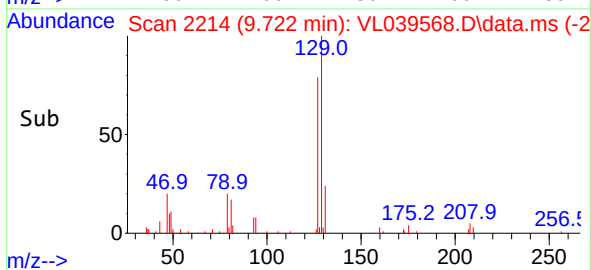
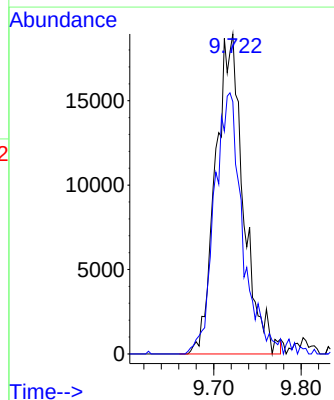
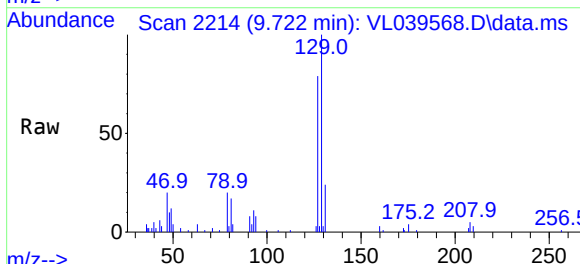
Instrument : MSVOA_L
ClientSampleId : LOD-MDL-AIR-01-QT3-2022

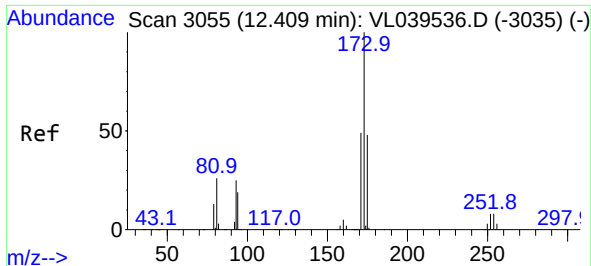
Tgt Ion: 97	Resp: 33665
Ion Ratio	Lower Upper
97 100	
83 75.9	70.8 106.2
85 49.6	45.4 68.2
99 41.8	51.5 77.3#



#48
Dibromochloromethane
Concen: 0.339 ppbv m
RT: 9.722 min Scan# 2214
Delta R.T. 0.010 min
Lab File: VL039568.D
Acq: 18 Aug 2022 21:04

Tgt Ion:129	Resp: 42040		
Ion Ratio	Lower	Upper	
129 100			
127 84.0	38.8	116.3	

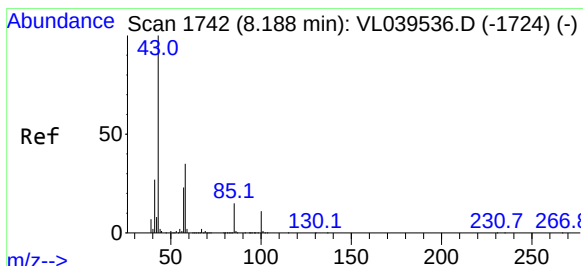
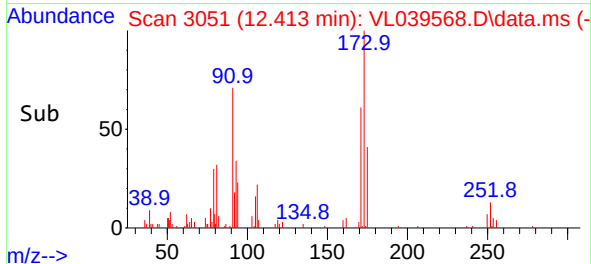
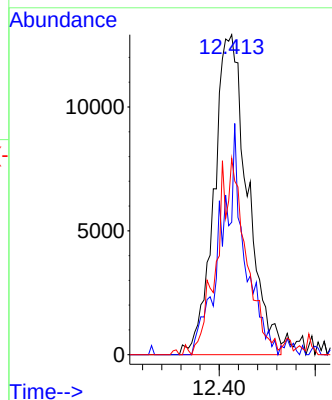
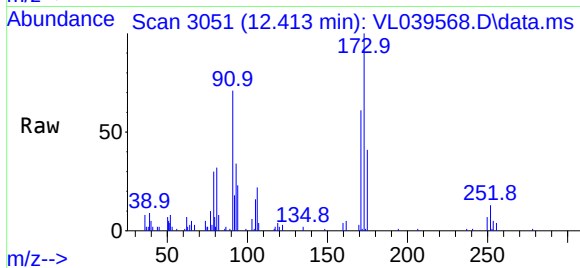




#49
Bromoform
Concen: 0.305 ppbv m
RT: 12.413 min Scan# 3055
Delta R.T. 0.003 min
Lab File: VL039568.D
Acq: 18 Aug 2022 21:04

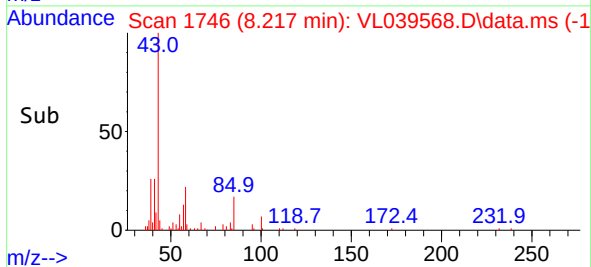
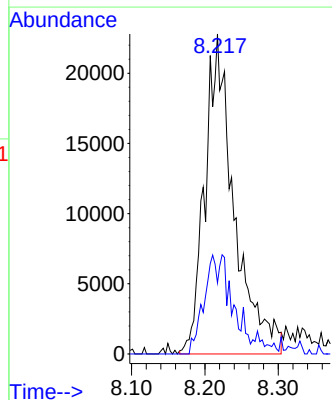
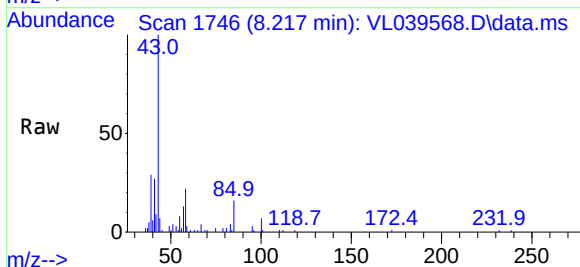
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT3-2022

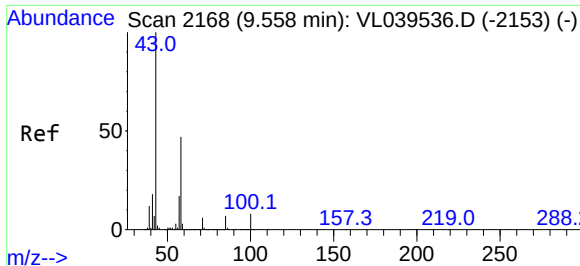
Tgt Ion:173 Resp: 31258
Ion Ratio Lower Upper
173 100
175 52.7 0.0 0.0#
171 54.4 0.0 0.0#



#50
4-Methyl-2-Pentanone
Concen: 0.322 ppbv m
RT: 8.217 min Scan# 1746
Delta R.T. 0.029 min
Lab File: VL039568.D
Acq: 18 Aug 2022 21:04

Tgt Ion: 43 Resp: 63297
Ion Ratio Lower Upper
43 100
58 0.0 28.0 42.0#

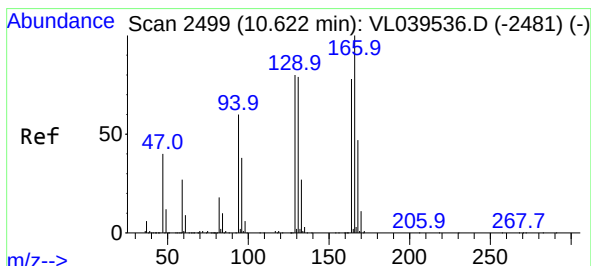
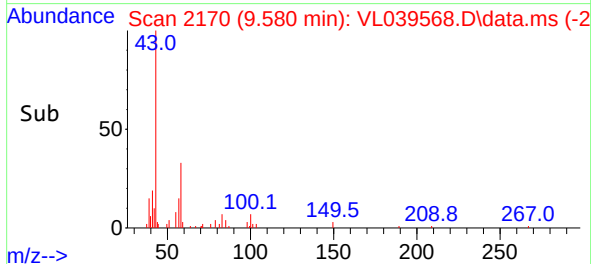
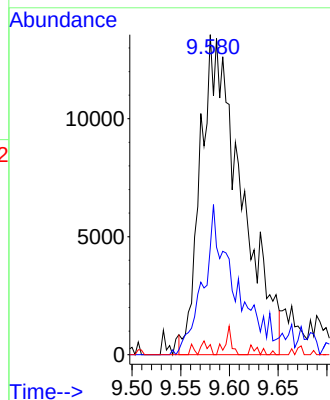
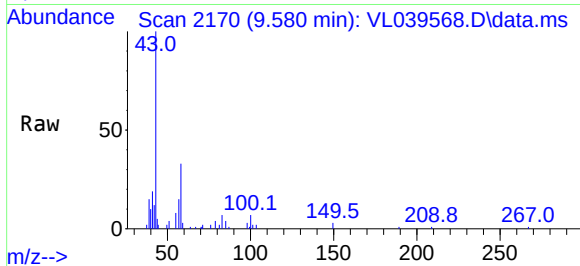




#51
2-Hexanone
Concen: 0.270 ppbv m
RT: 9.580 min Scan# 2168
Delta R.T. 0.023 min
Lab File: VL039568.D
Acq: 18 Aug 2022 21:04

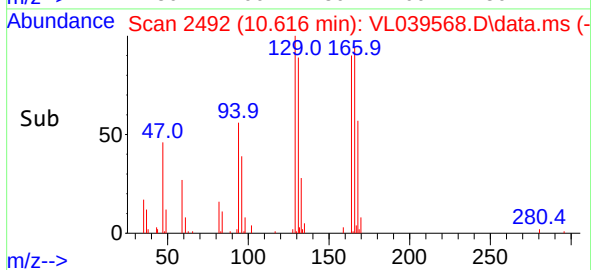
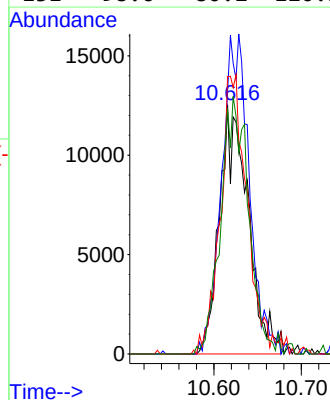
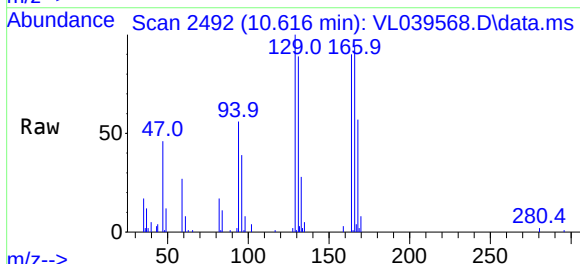
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT3-2022

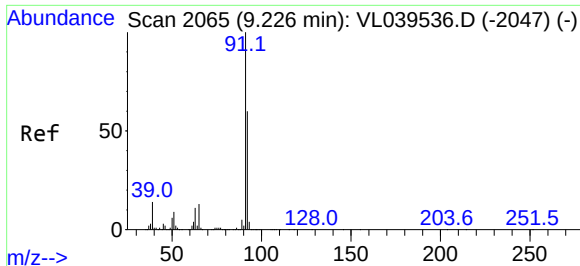
Tgt Ion: 43 Resp: 39212
Ion Ratio Lower Upper
43 100
58 0.0 37.5 56.3#
98 1.4 0.5 0.7#



#52
Tetrachloroethene
Concen: 0.376 ppbv m
RT: 10.616 min Scan# 2492
Delta R.T. -0.006 min
Lab File: VL039568.D
Acq: 18 Aug 2022 21:04

Tgt Ion:164 Resp: 28579
Ion Ratio Lower Upper
164 100
166 105.1 102.0 153.0
129 111.2 81.7 122.5
131 98.6 80.2 120.2

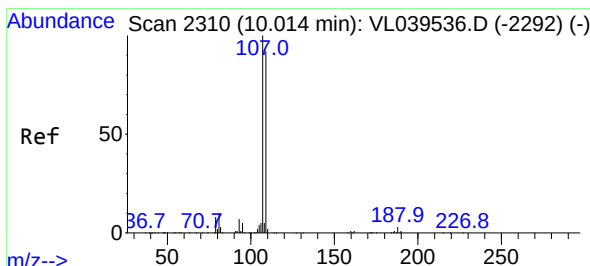
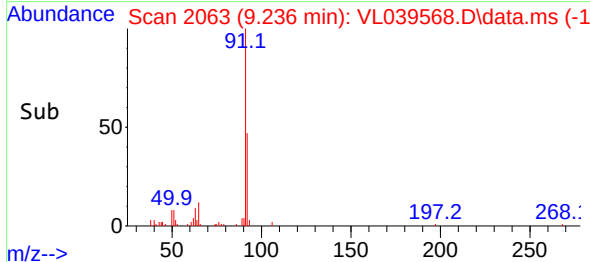
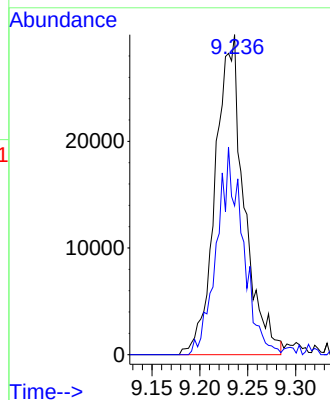
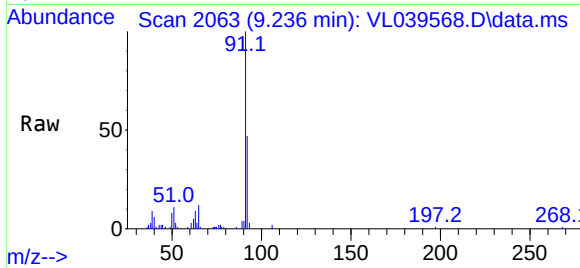




#53
Toluene
Concen: 0.288 ppbv m
RT: 9.236 min Scan# 2065
Delta R.T. 0.010 min
Lab File: VL039568.D
Acq: 18 Aug 2022 21:04

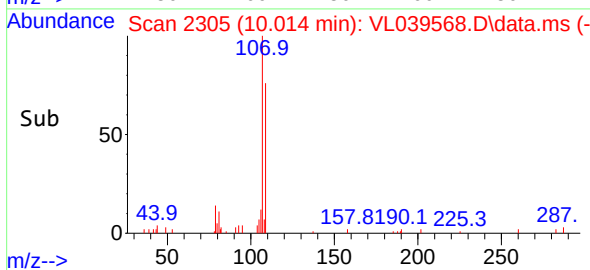
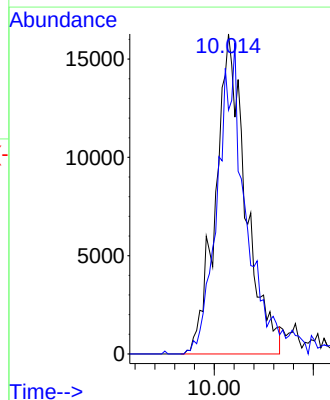
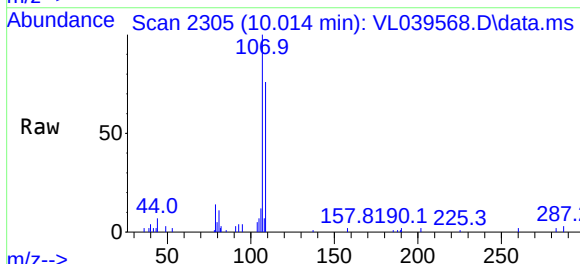
Instrument : MSVOA_1
ClientSampleId : LOD-MDL-AIR-01-QT3-2022

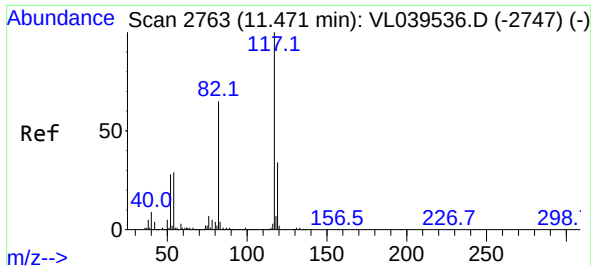
Tgt Ion: 91 Resp: 62541
Ion Ratio Lower Upper
91 100
92 60.4 47.9 71.9



#54
1,2-Dibromoethane
Concen: 0.361 ppbv m
RT: 10.014 min Scan# 2305
Delta R.T. 0.000 min
Lab File: VL039568.D
Acq: 18 Aug 2022 21:04

Tgt Ion: 107 Resp: 34276
Ion Ratio Lower Upper
107 100
109 76.2 73.4 110.2



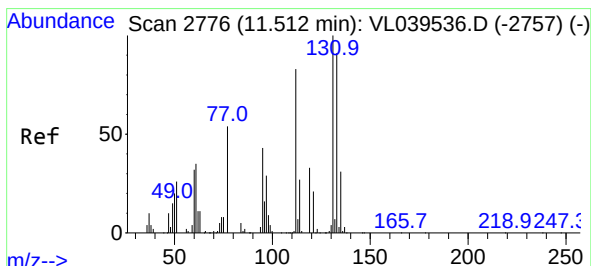
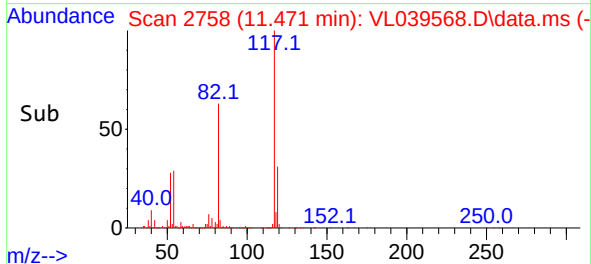
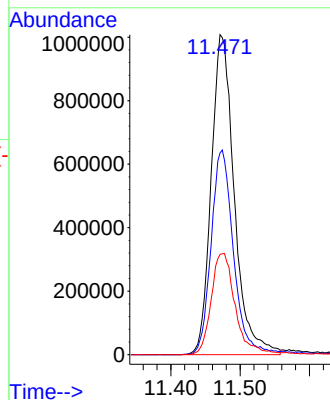
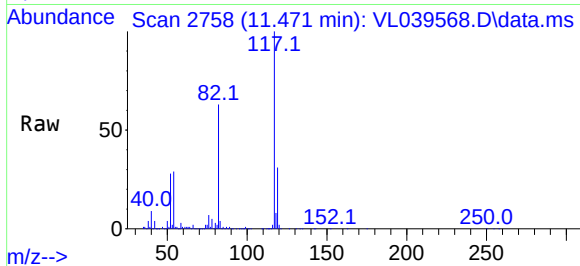


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.471 min Scan# 2763
Delta R.T. 0.000 min
Lab File: VL039568.D
Acq: 18 Aug 2022 21:04

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

Tgt Ion:117 Resp: 2329829

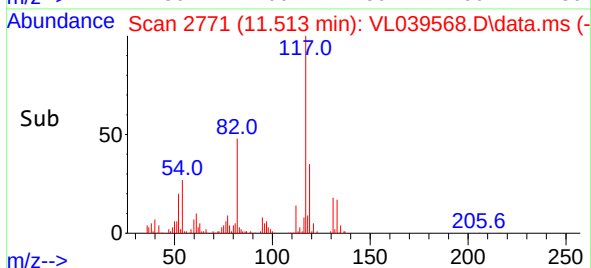
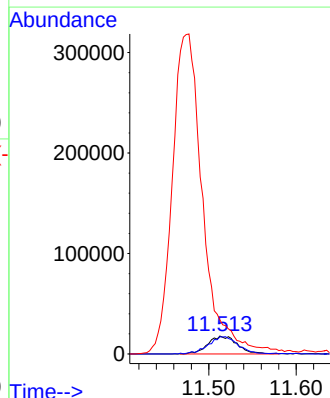
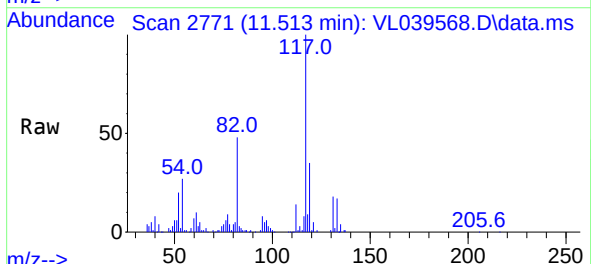
Ion	Ratio	Lower	Upper
117	100		
82	63.4	49.1	73.7
119	33.6	25.9	38.9

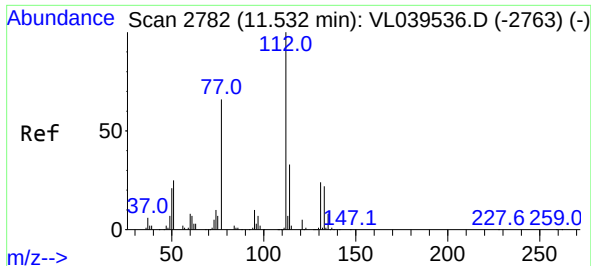


#56
1,1,1,2-Tetrachloroethane
Concen: 0.433 ppbv m
RT: 11.513 min Scan# 2771
Delta R.T. 0.000 min
Lab File: VL039568.D
Acq: 18 Aug 2022 21:04

Tgt Ion:131 Resp: 41554

Ion	Ratio	Lower	Upper
131	100		
133	0.0	75.4	113.2#
119	0.0	47.4	71.2#

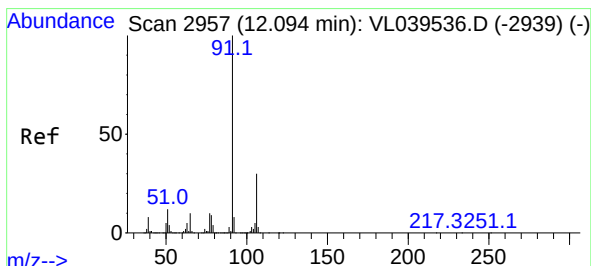
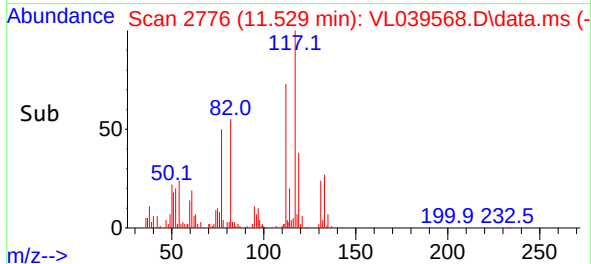
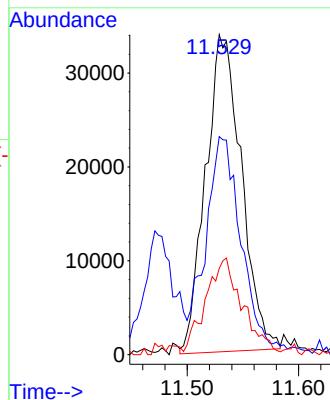
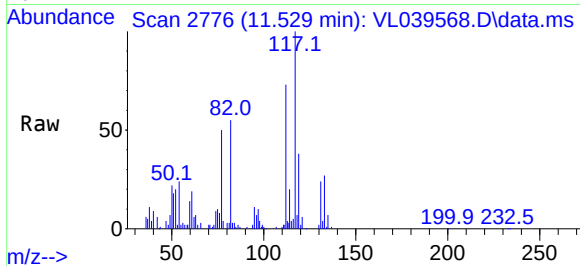




#57
Chlorobenzene
Concen: 0.431 ppbv
RT: 11.529 min Scan# 2112
Delta R.T. -0.003 min
Lab File: VL039568.D
Acq: 18 Aug 2022 21:04

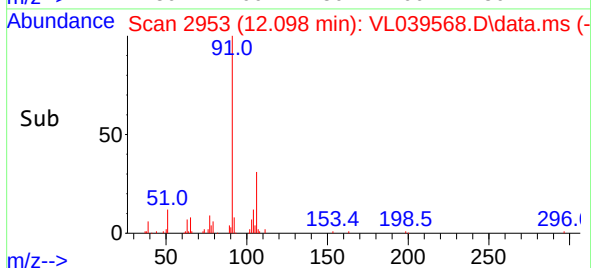
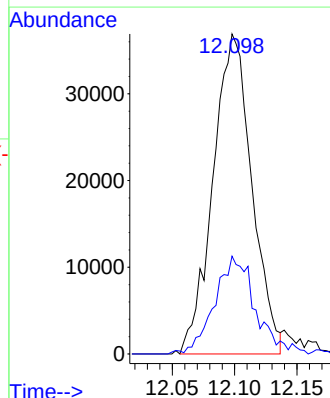
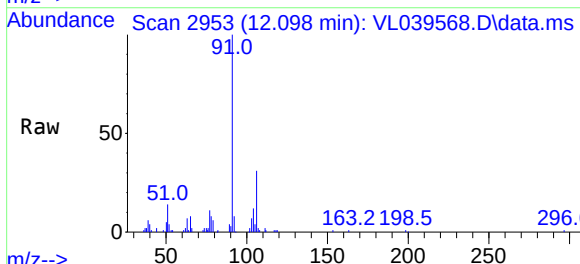
Instrument : MSVOA_1
ClientSampleId : LOD-MDL-AIR-01-QT3-2022

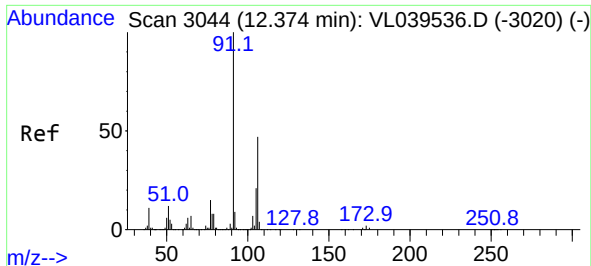
Tgt Ion:	112	Resp:	75547
Ion Ratio	Lower	Upper	
112	100		
77	63.1	53.4	80.0
114	25.1	29.5	36.1



#58
Ethyl Benzene
Concen: 0.297 ppbv
RT: 12.098 min Scan# 2953
Delta R.T. 0.004 min
Lab File: VL039568.D
Acq: 18 Aug 2022 21:04

Tgt Ion:	91	Resp:	80065
Ion Ratio	Lower	Upper	
91	100		
106	29.7	24.2	36.4





#59

m/p-Xylene

Concen: 0.673 ppbv m

RT: 12.384 min Scan# 3042

Delta R.T. 0.010 min

Lab File: VL039568.D

Acq: 18 Aug 2022 21:04

Instrument :

MSVOA_L

ClientSampleId :

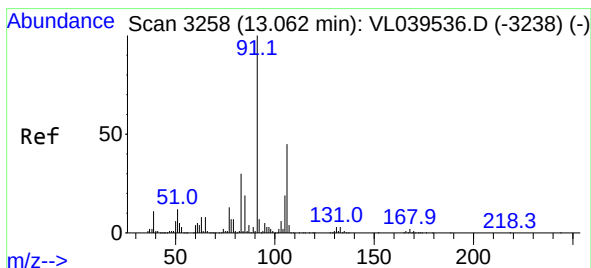
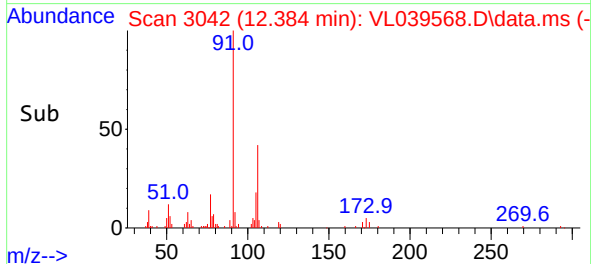
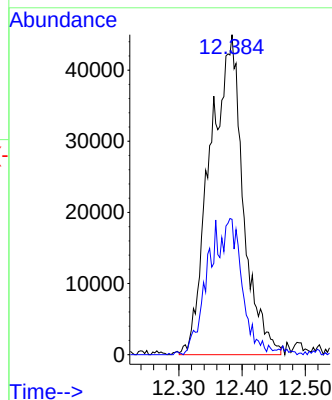
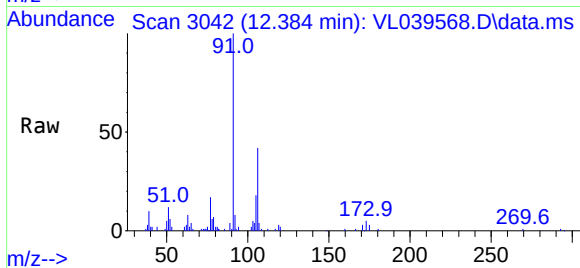
LOD-MDL-AIR-01-QT3-2022

Tgt Ion: 91 Resp: 163368

Ion Ratio Lower Upper

91 100

106 0.0 0.0 0.0



#60

o-Xylene

Concen: 0.315 ppbv m

RT: 13.066 min Scan# 3254

Delta R.T. 0.004 min

Lab File: VL039568.D

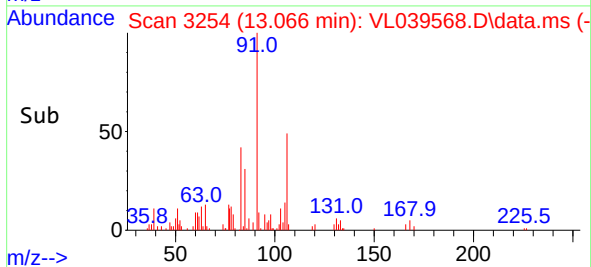
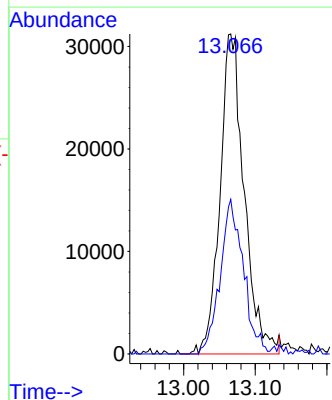
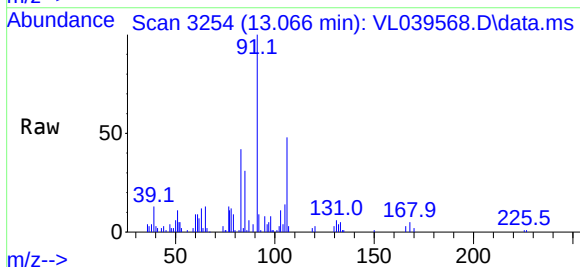
Acq: 18 Aug 2022 21:04

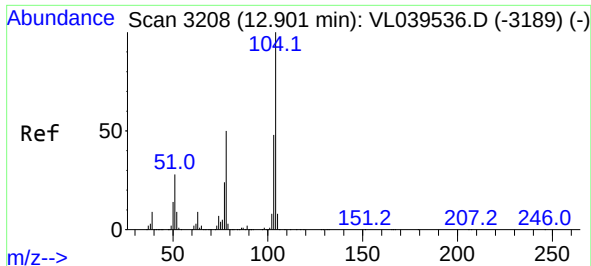
Tgt Ion: 91 Resp: 73282

Ion Ratio Lower Upper

91 100

106 47.8 22.7 68.0

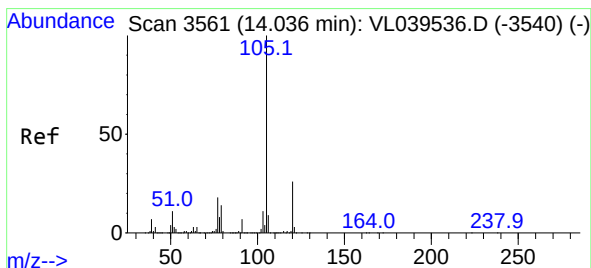
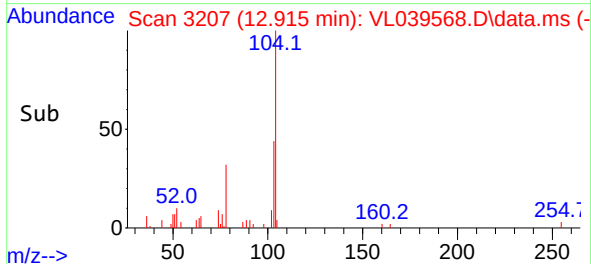
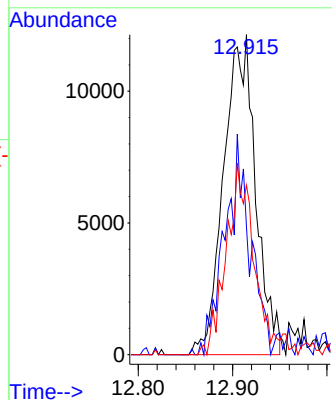
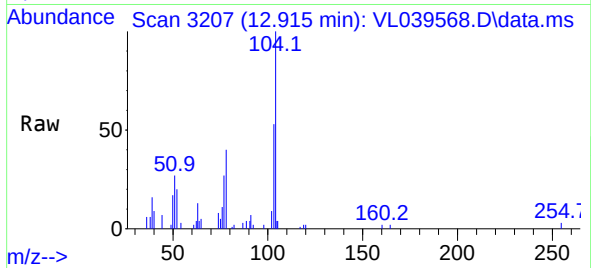




#61
Styrene
Concen: 0.230 ppbv m
RT: 12.915 min Scan# 31
Delta R.T. 0.013 min
Lab File: VL039568.D
Acq: 18 Aug 2022 21:04

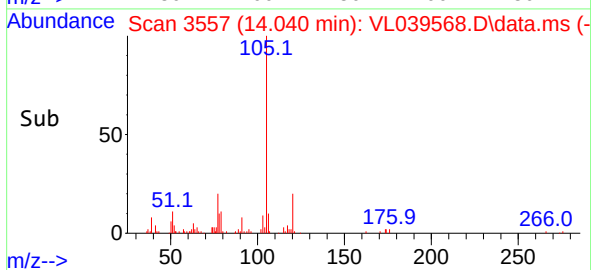
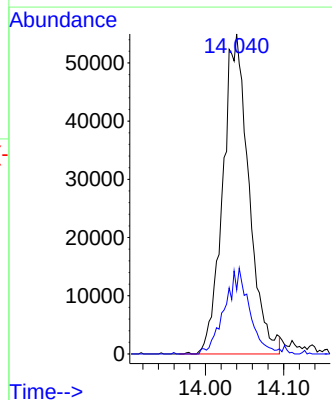
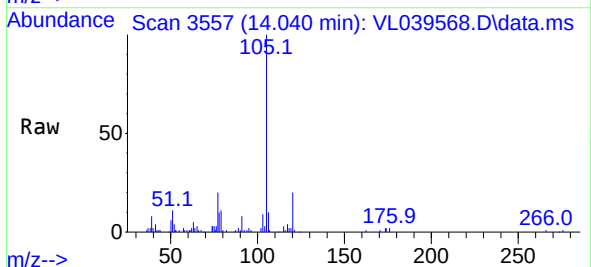
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT3-2022

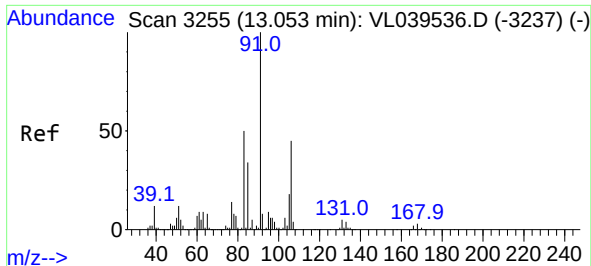
Tgt Ion:104 Resp: 28482
Ion Ratio Lower Upper
104 100
78 55.7 40.0 60.0
103 52.8 38.2 57.2



#62
Isopropylbenzene
Concen: 0.361 ppbv m
RT: 14.040 min Scan# 3557
Delta R.T. 0.004 min
Lab File: VL039568.D
Acq: 18 Aug 2022 21:04

Tgt Ion:105 Resp: 127041
Ion Ratio Lower Upper
105 100
120 26.0 20.6 30.8





#63

1,1,2-Tetrachloroethane

Concen: 0.403 ppbv m

RT: 13.062 min Scan# 31

Delta R.T. 0.010 min

Lab File: VL039568.D

Acq: 18 Aug 2022 21:04

Instrument :

MSVOA_1

ClientSampleId :

LOD-MDL-AIR-01-QT3-2022

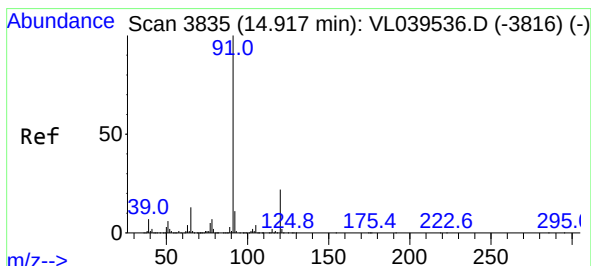
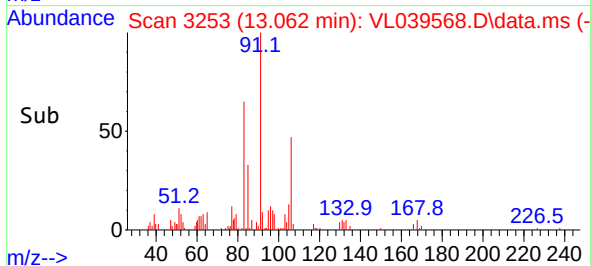
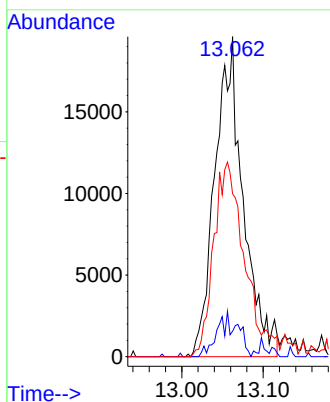
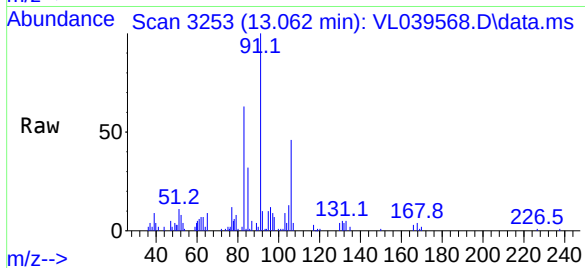
Tgt Ion: 83 Resp: 47188

Ion Ratio Lower Upper

83 100

131 10.5 4.9 14.7

85 69.4 33.2 99.6



#64

n-propylbenzene

Concen: 0.332 ppbv m

RT: 14.924 min Scan# 3832

Delta R.T. 0.007 min

Lab File: VL039568.D

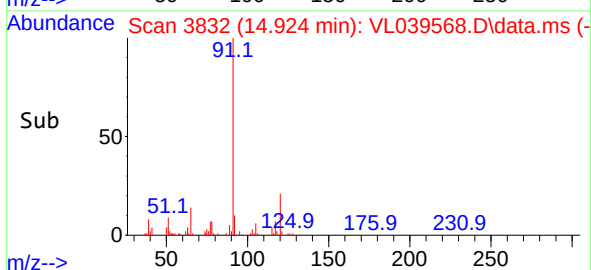
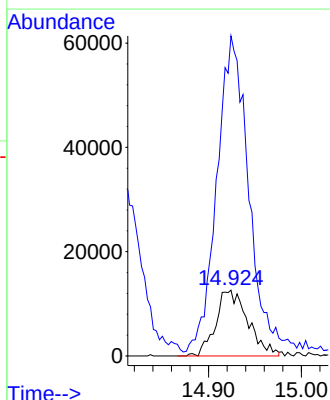
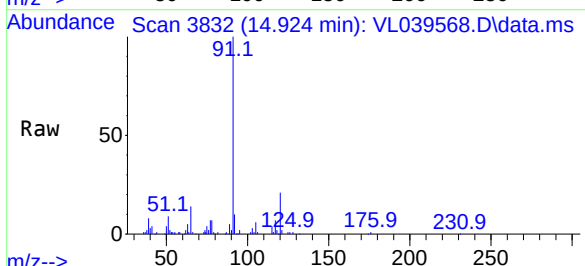
Acq: 18 Aug 2022 21:04

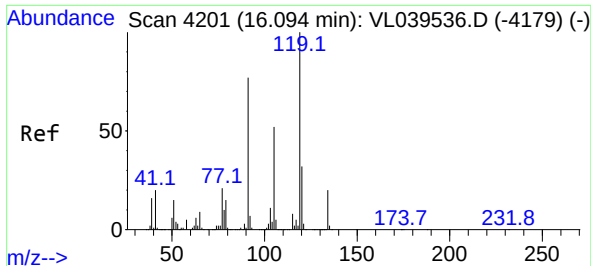
Tgt Ion:120 Resp: 30465

Ion Ratio Lower Upper

120 100

91 483.0 372.6 559.0

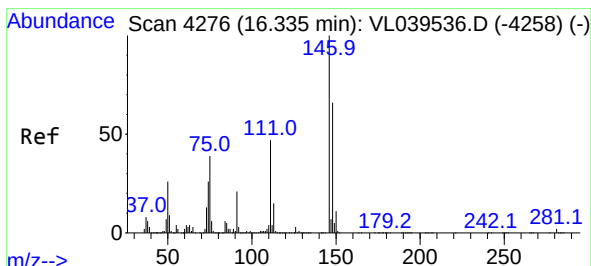
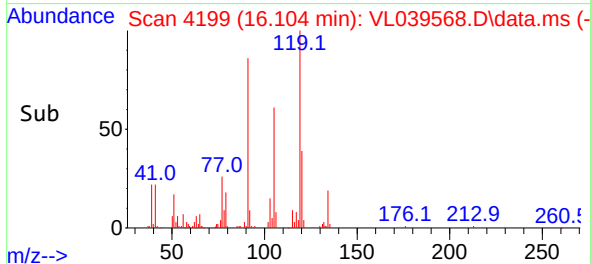
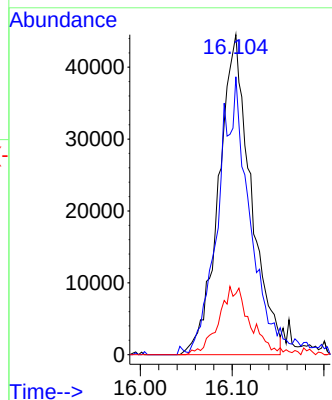
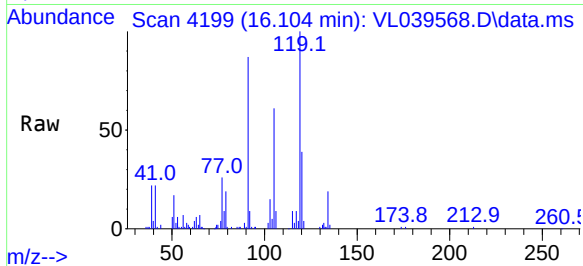




#65
tert-Butylbenzene
Concen: 0.345 ppbv
RT: 16.104 min Scan# 4179
Delta R.T. 0.010 min
Lab File: VL039568.D
Acq: 18 Aug 2022 21:04

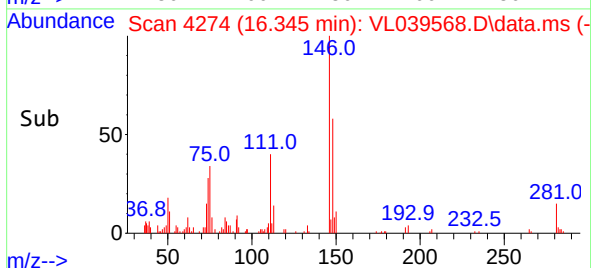
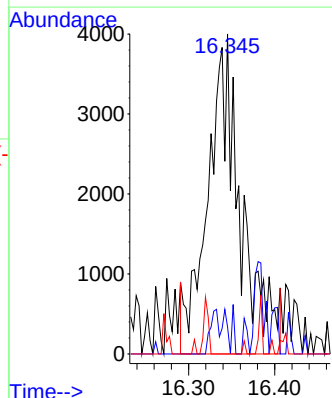
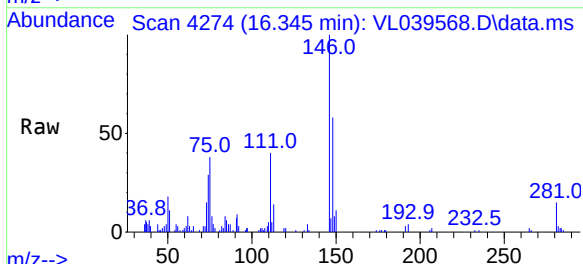
Instrument :
MSVOA_1
ClientSampleId :
LOD-MDL-AIR-01-QT3-2022

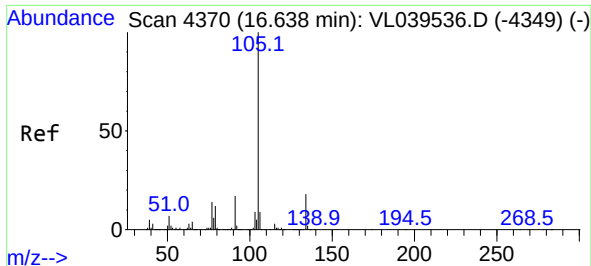
Tgt Ion: 119 Resp: 108232
Ion Ratio Lower Upper
119 100
91 88.0 63.8 95.8
134 21.3 15.4 23.2



#66
Benzyl Chloride
Concen: 0.394 ppbv m
RT: 16.345 min Scan# 4274
Delta R.T. 0.010 min
Lab File: VL039568.D
Acq: 18 Aug 2022 21:04

Tgt Ion: 91 Resp: 10596
Ion Ratio Lower Upper
91 100
126 5.7 0.0 0.0#
128 2.8 1.5 2.3#

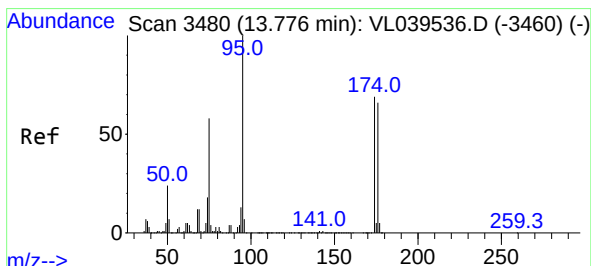
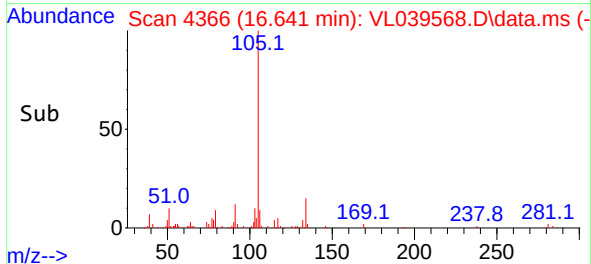
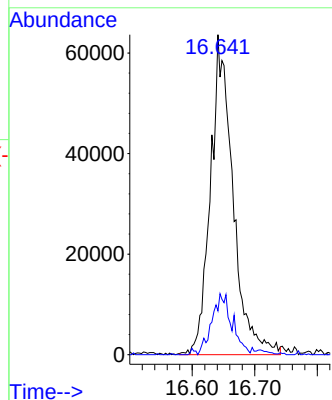
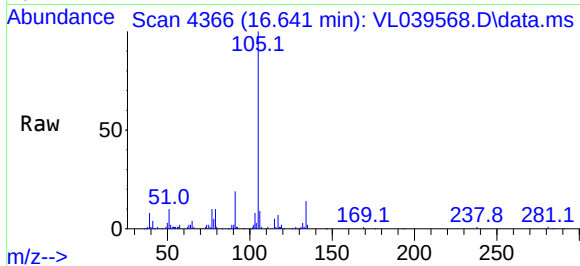




#67
 sec-Butylbenzene
 Concen: 0.359 ppbv m
 RT: 16.641 min Scan# 41
 Delta R.T. 0.003 min
 Lab File: VL039568.D
 Acq: 18 Aug 2022 21:04

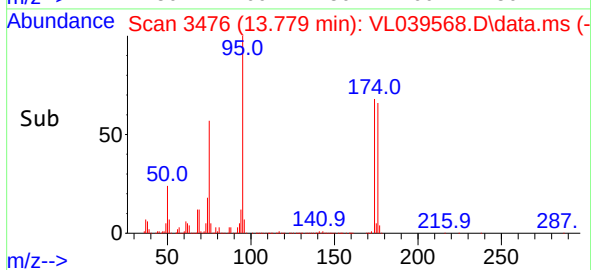
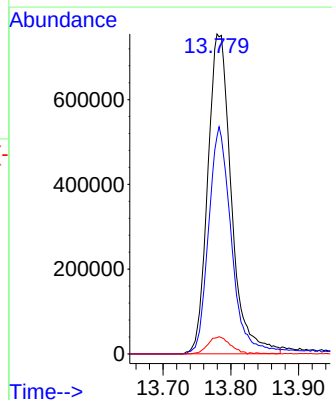
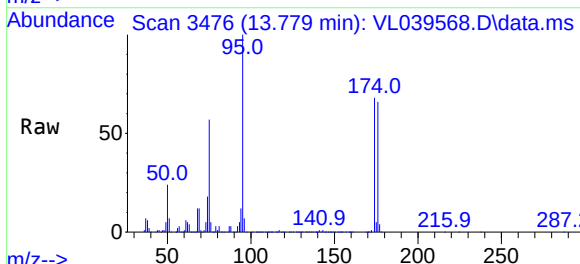
Instrument :
 MSVOA_L
 ClientSampleId :
 LOD-MDL-AIR-01-QT3-2022

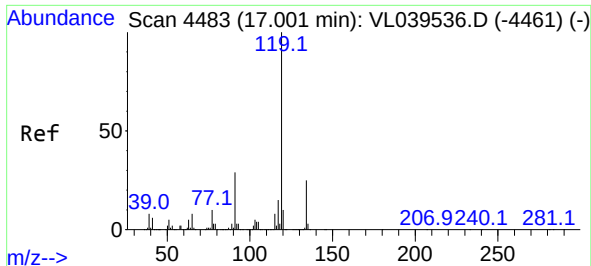
Tgt Ion:105 Resp: 159175
 Ion Ratio Lower Upper
 105 100
 134 0.0 14.3 21.5#



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.401 ppbv
 RT: 13.779 min Scan# 3476
 Delta R.T. 0.004 min
 Lab File: VL039568.D
 Acq: 18 Aug 2022 21:04

Tgt Ion: 95 Resp: 1824289
 Ion Ratio Lower Upper
 95 100
 174 70.1 56.3 84.5
 175 5.3 4.3 6.5

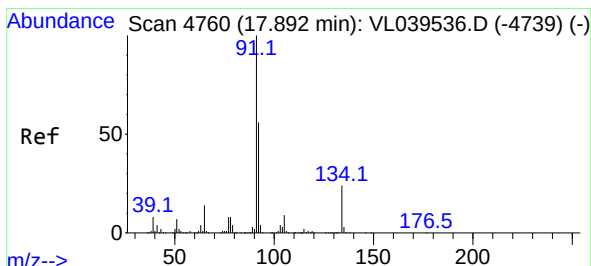
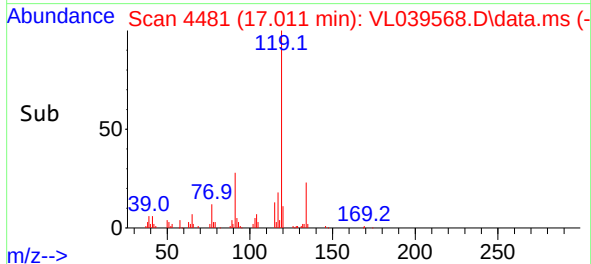
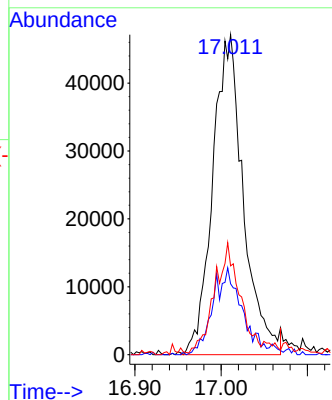
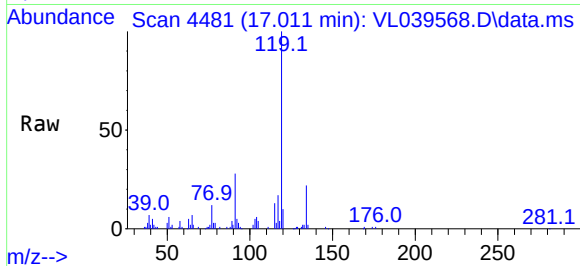




#69
p-Isopropyltoluene
Concen: 0.316 ppbv m
RT: 17.011 min Scan# 4483
Delta R.T. 0.010 min
Lab File: VL039568.D
Acq: 18 Aug 2022 21:04

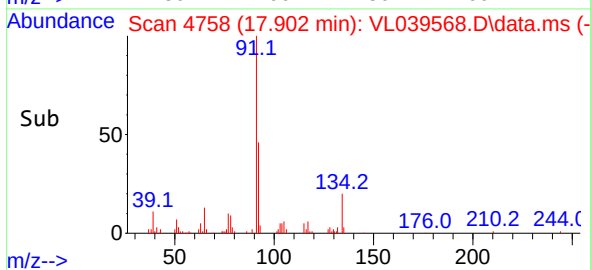
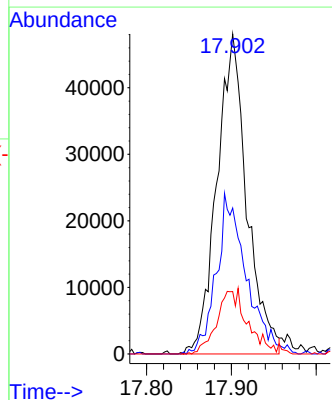
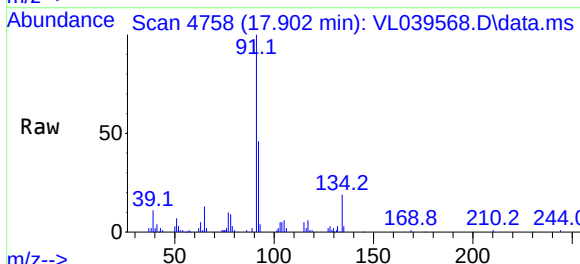
Instrument : MSVOA_1
ClientSampleId :
LOD-MDL-AIR-01-QT3-2022

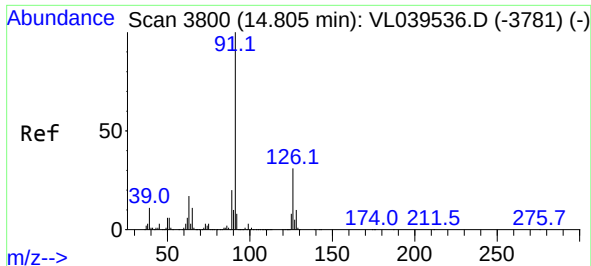
Tgt Ion: 119 Resp: 116552
Ion Ratio Lower Upper
119 100
134 27.0 19.8 29.6
91 33.9 22.6 33.8#



#70
n-Butylbenzene
Concen: 0.321 ppbv m
RT: 17.902 min Scan# 4758
Delta R.T. 0.010 min
Lab File: VL039568.D
Acq: 18 Aug 2022 21:04

Tgt Ion: 91 Resp: 117816
Ion Ratio Lower Upper
91 100
92 50.3 43.0 64.6
134 21.1 18.1 27.1

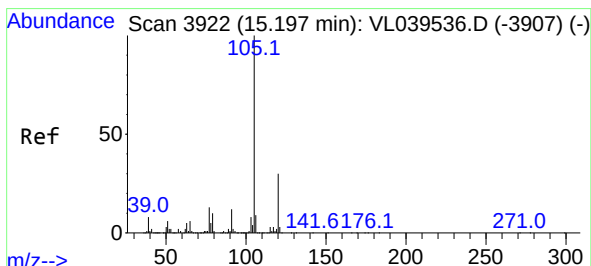
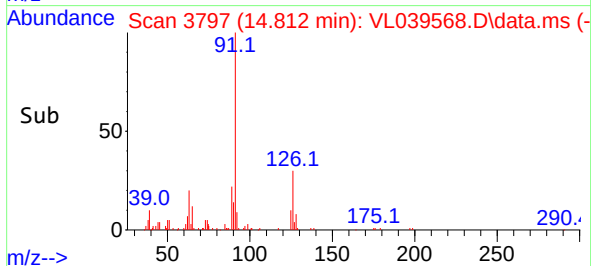
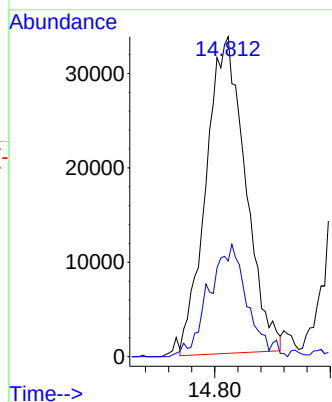
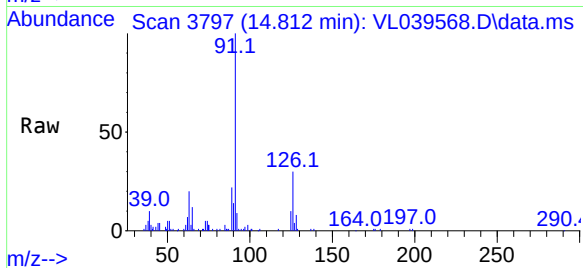




#71
2-Chlorotoluene
Concen: 0.312 ppbv
RT: 14.812 min Scan# 31
Delta R.T. 0.007 min
Lab File: VL039568.D
Acq: 18 Aug 2022 21:04

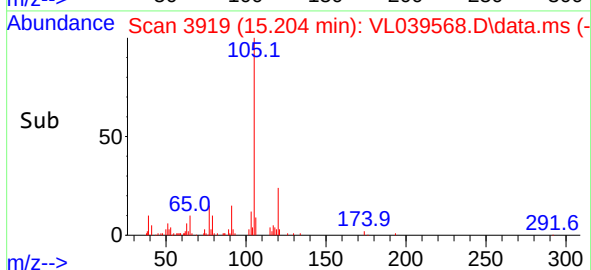
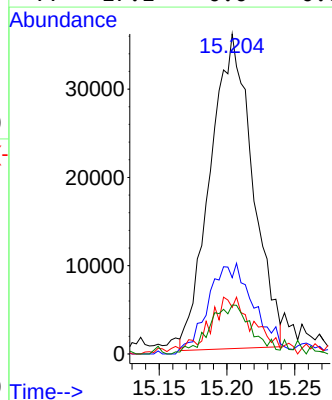
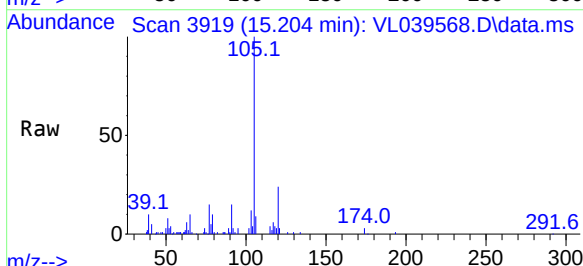
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT3-2022

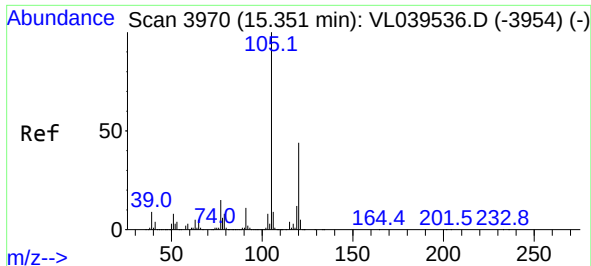
Tgt Ion: 91 Resp: 79596
Ion Ratio Lower Upper
91 100
126 34.8 12.9 51.5



#72
4-Ethyltoluene
Concen: 0.284 ppbv
RT: 15.204 min Scan# 3919
Delta R.T. 0.007 min
Lab File: VL039568.D
Acq: 18 Aug 2022 21:04

Tgt Ion: 105 Resp: 77724
Ion Ratio Lower Upper
105 100
120 31.3 0.0 0.0#
91 20.0 0.0 0.0#
77 17.1 0.0 0.0#

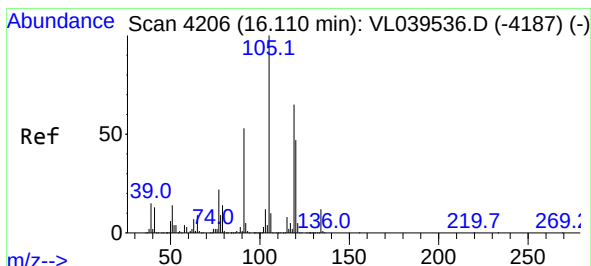
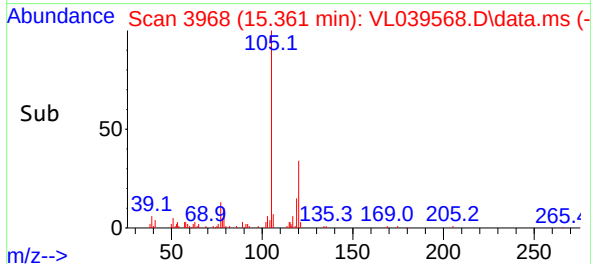
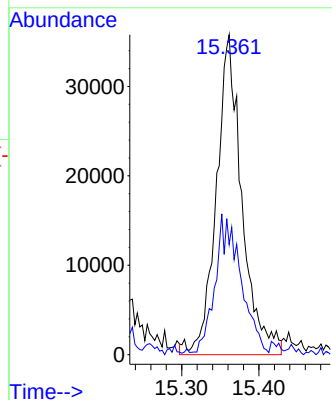
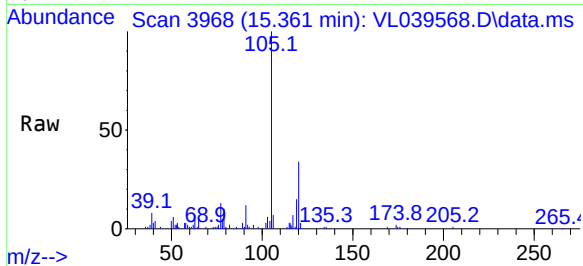




#73
 1,3,5-Trimethylbenzene
 Concen: 0.331 ppbv m
 RT: 15.361 min Scan# 3970
 Delta R.T. 0.010 min
 Lab File: VL039568.D
 Acq: 18 Aug 2022 21:04

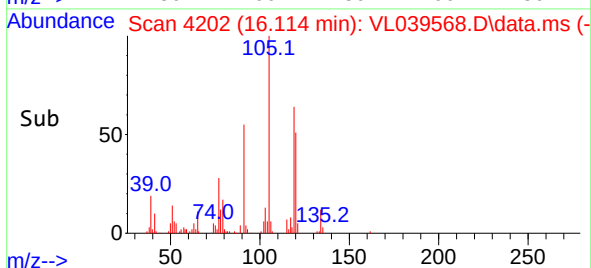
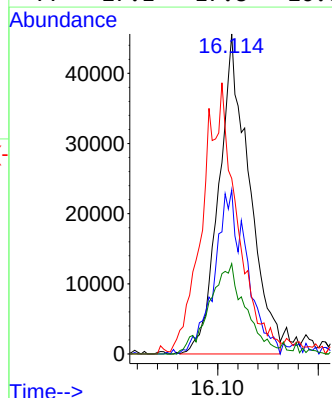
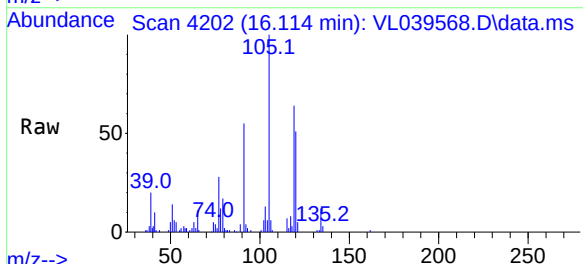
Instrument : MSVOA_1
 ClientSampleId :
 LOD-MDL-AIR-01-QT3-2022

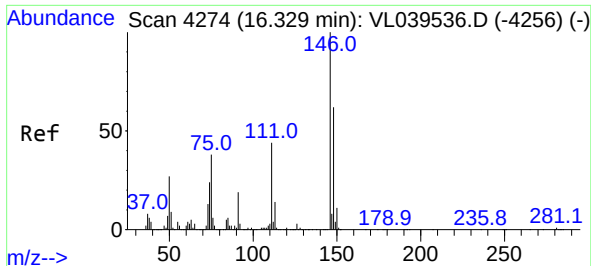
Tgt Ion:105 Resp: 82531
 Ion Ratio Lower Upper
 105 100
 120 34.4 35.4 53.2#



#74
 1,2,4-Trimethylbenzene
 Concen: 0.342 ppbv
 RT: 16.114 min Scan# 4202
 Delta R.T. 0.004 min
 Lab File: VL039568.D
 Acq: 18 Aug 2022 21:04

Tgt Ion:105 Resp: 95272
 Ion Ratio Lower Upper
 105 100
 120 51.2 37.8 56.8
 91 51.4 43.8 65.6
 77 27.1 17.8 26.6#

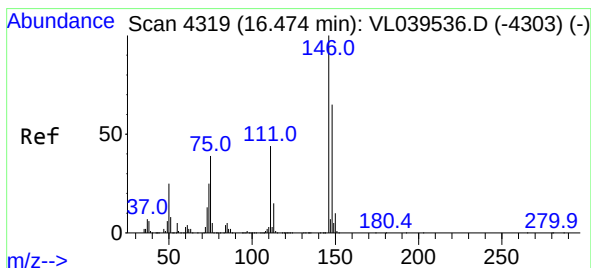
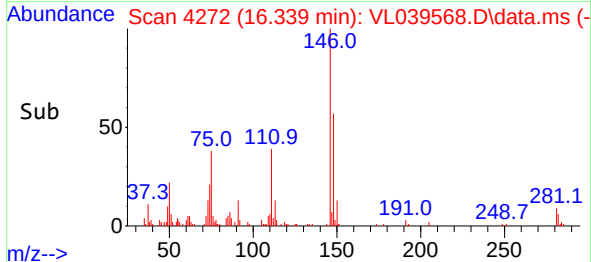
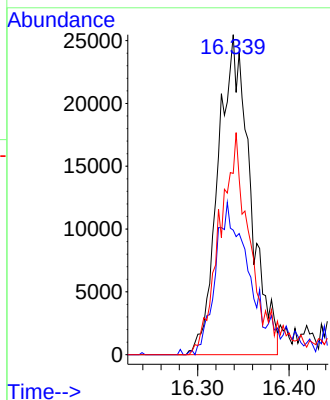
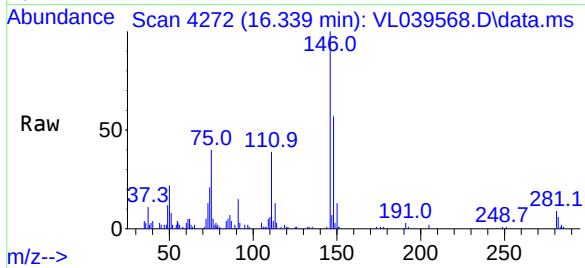




#75
1,3-Dichlorobenzene
Concen: 0.368 ppbv m
RT: 16.339 min Scan# 41
Delta R.T. 0.010 min
Lab File: VL039568.D
Acq: 18 Aug 2022 21:04

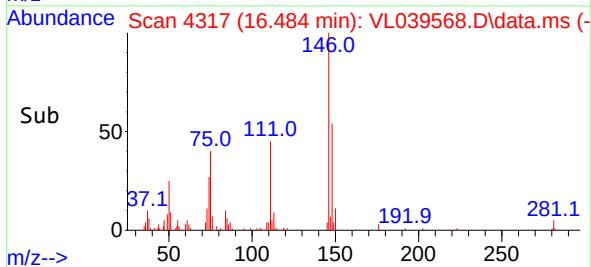
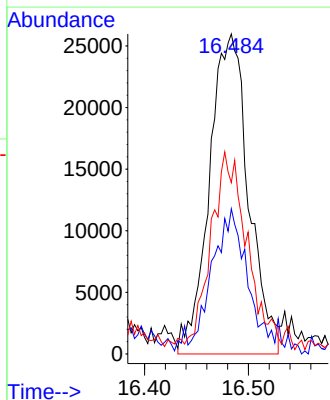
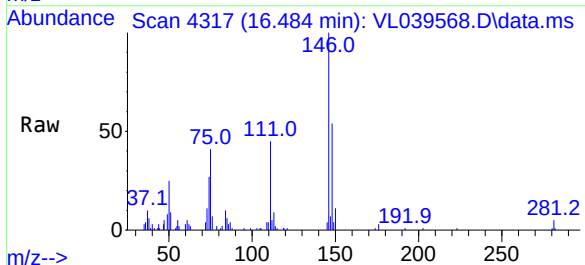
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT3-2022

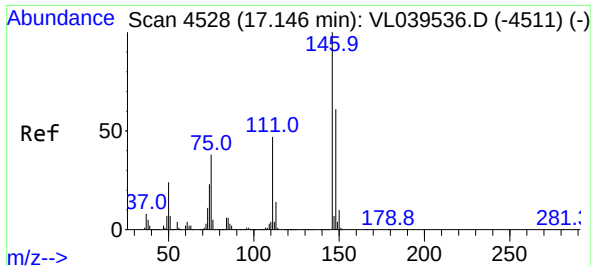
Tgt Ion:146 Resp: 62221
Ion Ratio Lower Upper
146 100
111 0.0 22.9 68.5#
148 0.0 32.4 97.0#



#76
1,4-Dichlorobenzene
Concen: 0.404 ppbv
RT: 16.484 min Scan# 4317
Delta R.T. 0.010 min
Lab File: VL039568.D
Acq: 18 Aug 2022 21:04

Tgt Ion:146 Resp: 68318
Ion Ratio Lower Upper
146 100
111 46.1 22.3 66.8
148 62.0 31.5 94.5

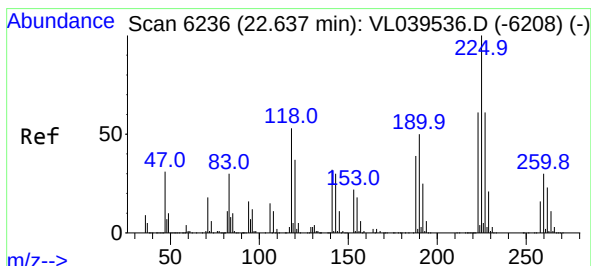
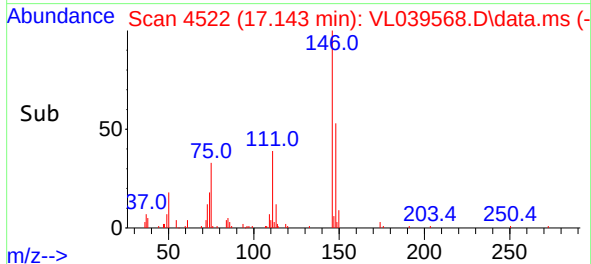
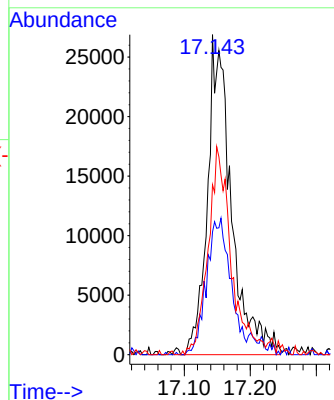
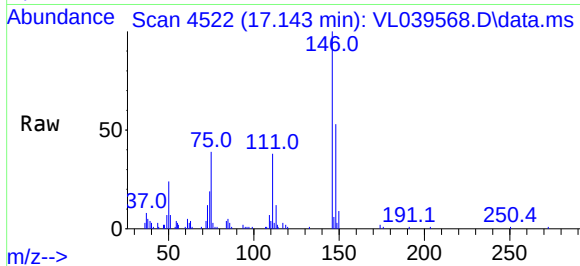




#77
1,2-Dichlorobenzene
Concen: 0.408 ppbv m
RT: 17.143 min Scan# 411
Delta R.T. -0.003 min
Lab File: VL039568.D
Acq: 18 Aug 2022 21:04

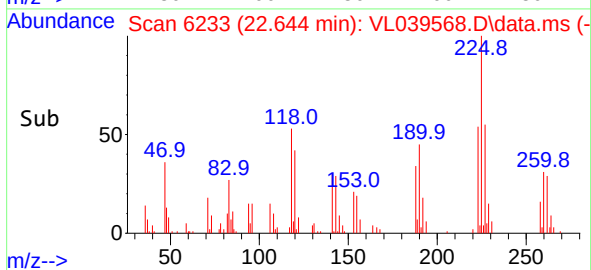
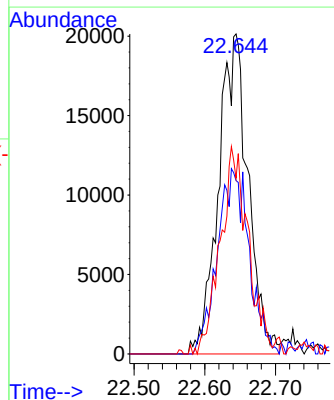
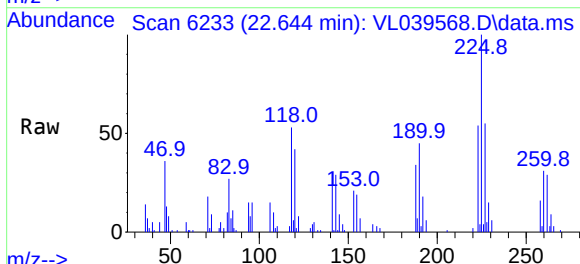
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT3-2022

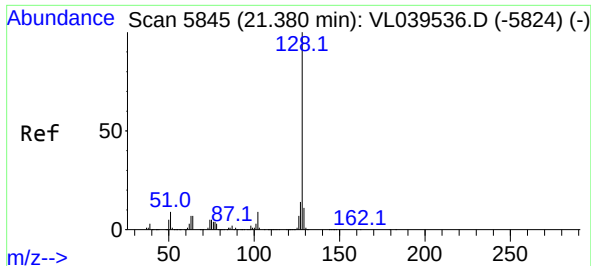
Tgt Ion:146 Resp: 67652
Ion Ratio Lower Upper
146 100
111 0.0 23.9 71.8#
148 0.0 32.6 97.7#



#78
Hexachloro-1,3-Butadiene
Concen: 0.447 ppbv m
RT: 22.644 min Scan# 6233
Delta R.T. 0.007 min
Lab File: VL039568.D
Acq: 18 Aug 2022 21:04

Tgt Ion:225 Resp: 58798
Ion Ratio Lower Upper
225 100
223 63.1 0.0 0.0#
227 62.2 0.0 0.0#

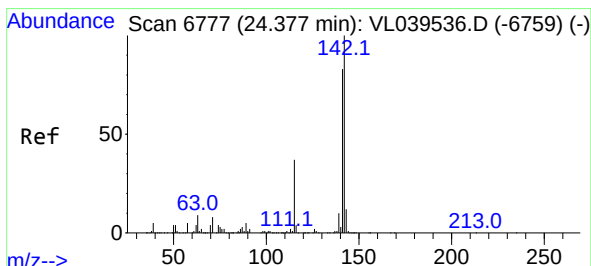
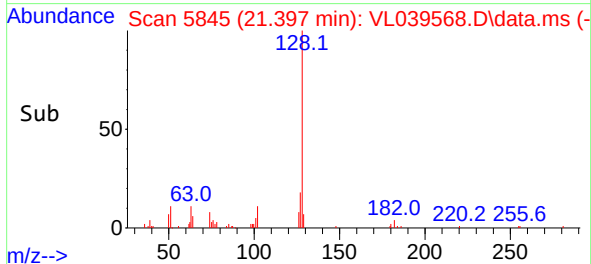
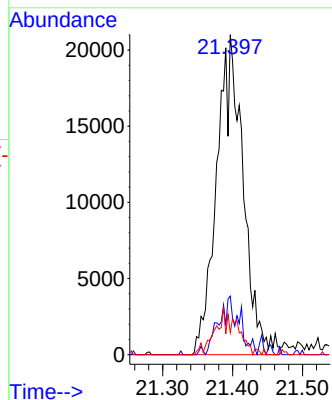
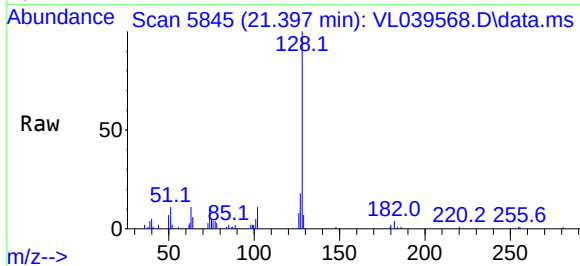




#79
Naphthalene
Concen: 0.280 ppbv m
RT: 21.397 min Scan# 5845
Delta R.T. 0.016 min
Lab File: VL039568.D
Acq: 18 Aug 2022 21:04

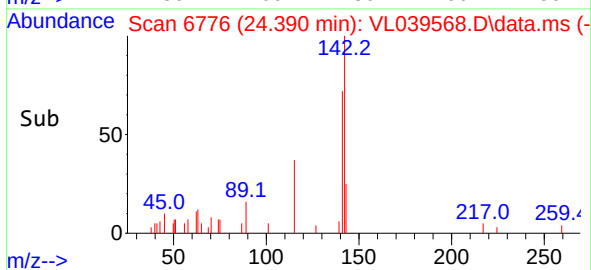
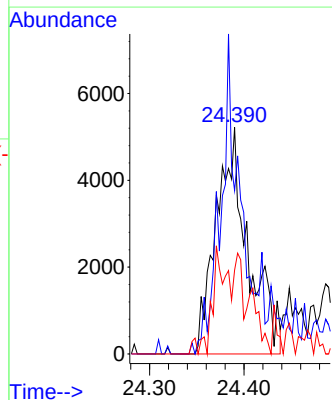
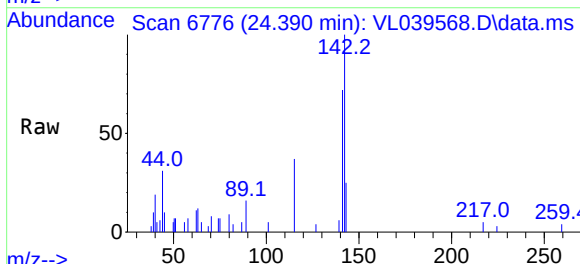
Instrument : MSVOA_1
ClientSampleId :
LOD-MDL-AIR-01-QT3-2022

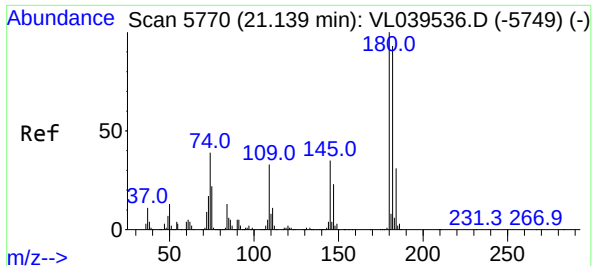
Tgt Ion:128	Resp:	55432
Ion Ratio	Lower	Upper
128	100	
127	18.3	10.8 16.2#
129	6.9	9.1 13.7#



#80
Naphthalene,2-methyl-
Concen: 0.158 ppbv
RT: 24.390 min Scan# 6776
Delta R.T. 0.013 min
Lab File: VL039568.D
Acq: 18 Aug 2022 21:04

Tgt Ion:142	Resp:	12353
Ion Ratio	Lower	Upper
142	100	
141	106.7	0.0 0.0#
115	43.7	0.0 0.0#





#81

1,2,4-Trichlorobenzene

Concen: 0.314 ppbv m

RT: 21.152 min Scan# 5

Delta R.T. 0.013 min

Lab File: VL039568.D

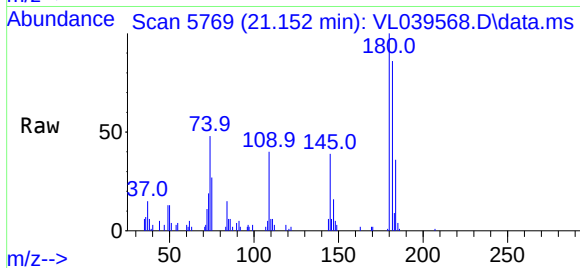
Acq: 18 Aug 2022 21:04

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT3-2022



Tgt Ion:180 Resp: 41488

Ion Ratio Lower Upper

180 100

182 99.8 0.0 0.0#

184 33.7 0.0 0.0#

