

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL071423\
 Data File : VL040539.D
 Acq On : 14 Jul 2023 23:23
 Operator : SY/MD
 Sample : 03572-13 0.45 LOD
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 LOD-MDL-AIR-01-QT3-2023

Quant Time: Jul 16 23:35:20 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL071023AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Mon Jul 10 16:32:00 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.189	49	905970	10.000	ppbv	-0.01
33) 1,4-Difluorobenzene	6.648	114	2390637	10.000	ppbv	-0.02
55) Chlorobenzene-d5	11.465	117	2105319	10.000	ppbv	-0.01

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.777	95	1709648	10.261	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.600%

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.729	85	92380	0.510	ppbv	94
3) Chlorodifluoromethane	2.674	51	69483	0.484	ppbv	98
4) Chloromethane	2.816	50	27978	0.492	ppbv #	84
5) Vinyl Chloride	2.922	62	27017	0.452	ppbv	98
6) Bromomethane	3.118	94	13254	0.526	ppbv #	77
7) Chloroethane	3.202	64	9715	0.464	ppbv	93
8) Dichlorotetrafluoroethane	2.858	85	74437	0.499	ppbv	95
9) Propene	2.694	41	23346	0.475	ppbv	98
10) Heptane	7.578	43	41376	0.381	ppbv	96
11) Trichlorofluoromethane	3.562	101	73750	0.504	ppbv	100
12) 1,1,2-Trichlorotrifluo...	4.067	101	52344	0.508	ppbv	100
14) Bromoethene	3.366	108	19017	0.429	ppbv #	87
15) Acetone	3.485	43	53174	0.510	ppbv	89
16) 1,3-Butadiene	2.983	39	20099	0.382	ppbv #	78
17) tert-Butyl alcohol	3.890	59	24766	0.230	ppbv #	71
18) 1,1-Dichloroethene	3.880	96	21223	0.448	ppbv	95
19) Isopropyl Alcohol	3.597	45	26863	0.449	ppbv #	85
20) Methylene Chloride	3.932	84	24150	0.544	ppbv	89
21) Allyl Chloride	3.993	41	24606	0.413	ppbv #	81
22) trans-1,2-Dichloroethene	4.452	96	6203	0.133	ppbv	81
23) Vinyl Acetate	4.632	43	40237	0.405	ppbv #	94
24) 1,1-Dichloroethane	4.565	63	48444	0.480	ppbv	99
25) Ethyl Acetate	5.214	43	42628	0.215	ppbv #	67
26) Hexane	5.218	57	36584	0.397	ppbv #	77
27) Carbon Disulfide	4.124	76	38071	0.351	ppbv #	86
28) Methyl tert-Butyl Ether	4.594	73	34605	0.466	ppbv	95
29) Chloroform	5.269	83	70725	0.462	ppbv	98
30) Cyclohexane	6.587	84	6317	0.082	ppbv #	1
31) cis-1,2-Dichloroethene	5.073	61	36579	0.401	ppbv	87
32) 1,1,1-Trichloroethane	6.002	97	65364	0.437	ppbv	93
34) 2-Butanone	4.800	43	48807	0.413	ppbv	100
35) Carbon Tetrachloride	6.494	117	65051	0.452	ppbv	97
36) Benzene	6.365	78	82628	0.430	ppbv	96
37) 1,2-Dichloroethane	5.809	62	21193	0.187	ppbv #	81
38) Trichloroethene	7.288	130	30553	0.420	ppbv #	88
39) 1,2-Dichloropropane	7.070	63	31840	0.430	ppbv	88
40) 1,4-Dioxane	7.314	88	4252	0.184	ppbv #	13
41) Tetrahydrofuran	5.581	42	18012	0.261	ppbv #	77
42) Bromodichloromethane	7.247	83	65152	0.414	ppbv	96
43) Methyl Methacrylate	7.478	69	13089	0.182	ppbv #	1
44) 2,2,4-Trimethylpentane	7.327	57	122861	0.397	ppbv #	93
45) t-1,3-Dichloropropene	8.697	75	2867	0.062	ppbv	93
46) cis-1,3-Dichloropropene	8.137	75	8860	0.150	ppbv #	95

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 Misc : 400mL/MSVOA_L
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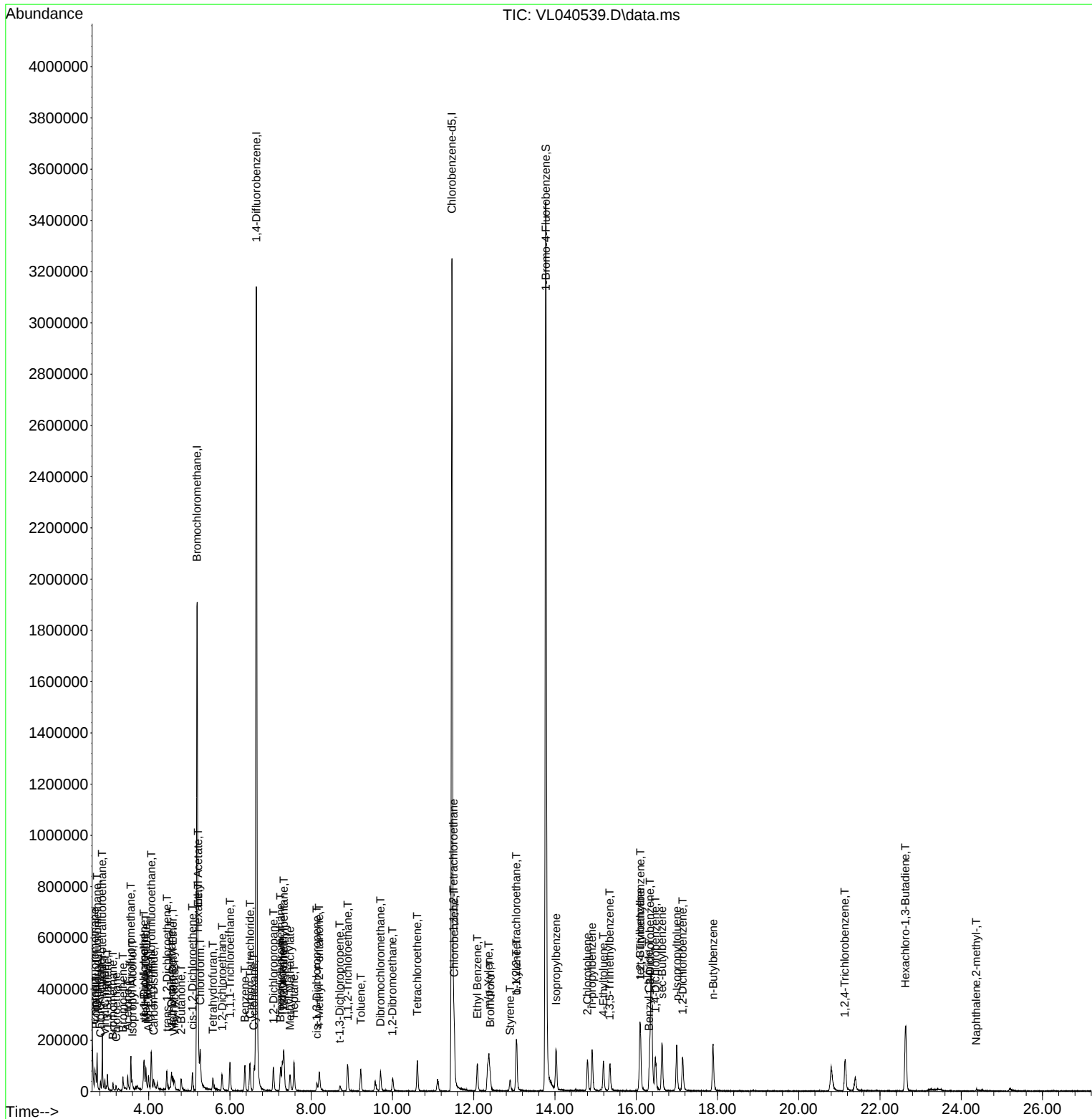
Instrument :
 MSVOA_L
 ClientSampleId :
 LOD-MDL-AIR-01-QT3-2023

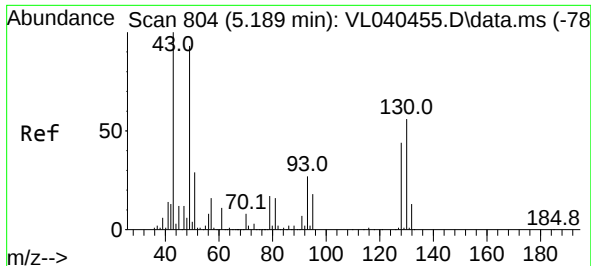
Quant Time: Jul 16 23:35:20 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL071023AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Mon Jul 10 16:32:00 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
47) 1,1,2-Trichloroethane	8.899	97	34174	0.418	ppbv #	84
48) Dibromochloromethane	9.706	129	42386	0.336	ppbv	92
49) Bromoform	12.407	173	29892	0.298	ppbv	92
50) 4-Methyl-2-Pentanone	8.195	43	26621	0.155	ppbv #	32
52) Tetrachloroethene	10.613	164	16081	0.258	ppbv	97
53) Toluene	9.221	91	63160	0.302	ppbv	99
54) 1,2-Dibromoethane	9.999	107	14786	0.146	ppbv	92
56) 1,1,1,2-Tetrachloroethane	11.500	131	26660	0.283	ppbv #	29
57) Chlorobenzene	11.523	112	78013	0.475	ppbv	92
58) Ethyl Benzene	12.089	91	86639	0.328	ppbv	97
59) m/p-Xylene	12.368	91	71776	0.304	ppbv #	18
60) o-Xylene	13.053	91	79560	0.354	ppbv	98
61) Styrene	12.896	104	23330	0.225	ppbv #	84
62) Isopropylbenzene	14.028	105	130391	0.387	ppbv	98
63) 1,1,2,2-Tetrachloroethane	13.047	83	77070	0.490	ppbv	99
64) n-propylbenzene	14.912	120	11723	0.135	ppbv #	1
65) tert-Butylbenzene	16.095	119	110626	0.371	ppbv	89
66) Benzyl Chloride	16.310	91	1121	0.053	ppbv #	63
67) sec-Butylbenzene	16.635	105	167977	0.384	ppbv	97
69) p-Isopropyltoluene	16.999	119	72006	0.199	ppbv #	55
70) n-Butylbenzene	17.892	91	141478	0.351	ppbv	97
71) 2-Chlorotoluene	14.799	91	90330	0.348	ppbv	99
72) 4-Ethyltoluene	15.192	105	86959	0.330	ppbv #	96
73) 1,3,5-Trimethylbenzene	15.346	105	35828	0.154	ppbv	96
74) 1,2,4-Trimethylbenzene	16.105	105	106624	0.394	ppbv	96
75) 1,3-Dichlorobenzene	16.336	146	63031	0.384	ppbv	87
76) 1,4-Dichlorobenzene	16.471	146	67112	0.417	ppbv	93
77) 1,2-Dichlorobenzene	17.143	146	36635	0.234	ppbv #	32
78) Hexachloro-1,3-Butadiene	22.622	225	8117	0.055	ppbv #	19
80) Naphthalene,2-methyl-	24.368	142	5601	0.059	ppbv #	74
81) 1,2,4-Trichlorobenzene	21.133	180	18328	0.116	ppbv #	12

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

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Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Mon Jul 10 16:32:00 2023
Response via : Initial Calibration

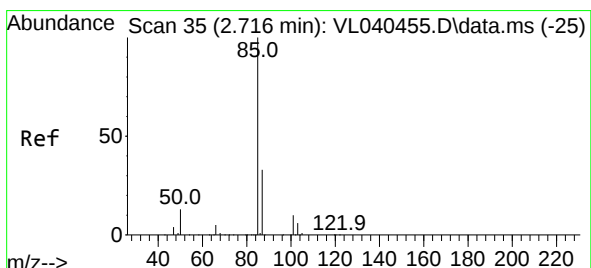
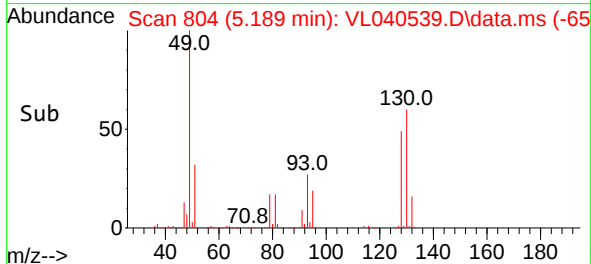
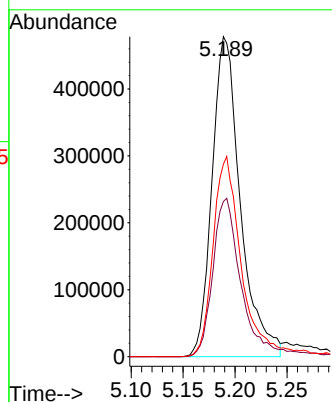
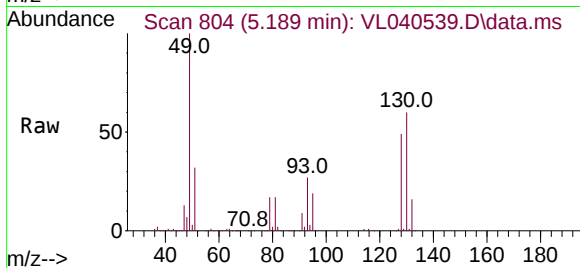




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.189 min Scan# 80
Delta R.T. -0.013 min
Lab File: VL040539.D
Acq: 14 Jul 2023 23:23

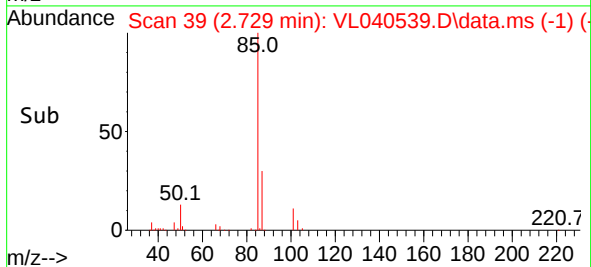
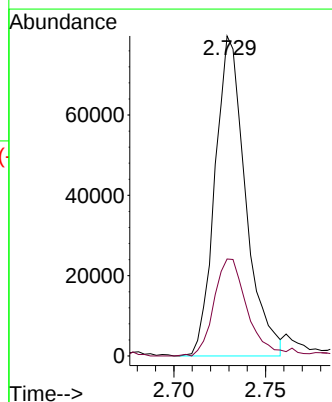
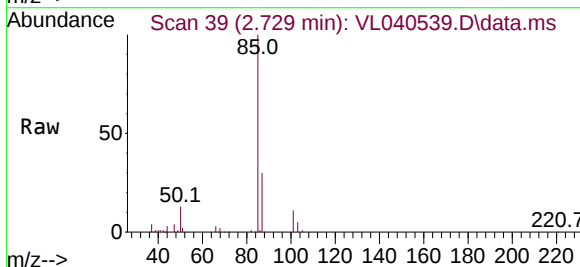
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT3-2023

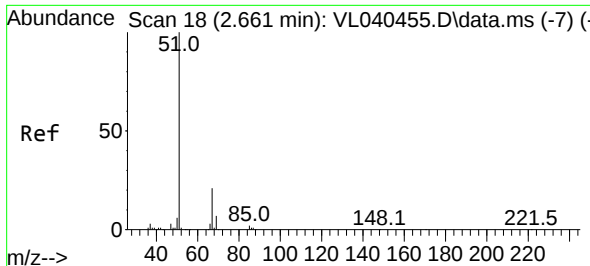
Tgt Ion: 49 Resp: 905970
Ion Ratio Lower Upper
49 100
128 51.6 25.1 75.4
130 64.2 31.6 94.7



#2
Dichlorodifluoromethane
Concen: 0.510 ppbv
RT: 2.729 min Scan# 39
Delta R.T. -0.010 min
Lab File: VL040539.D
Acq: 14 Jul 2023 23:23

Tgt Ion: 85 Resp: 92380
Ion Ratio Lower Upper
85 100
87 30.1 26.8 40.2

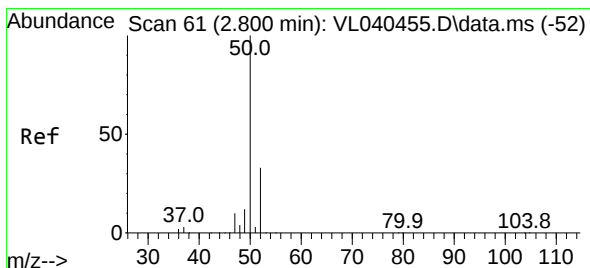
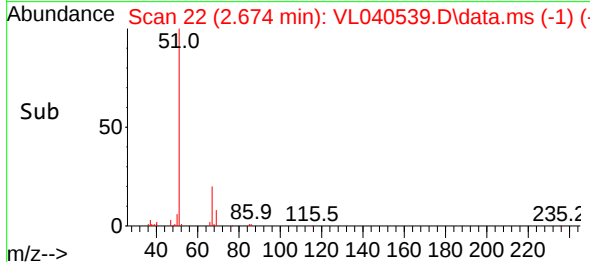
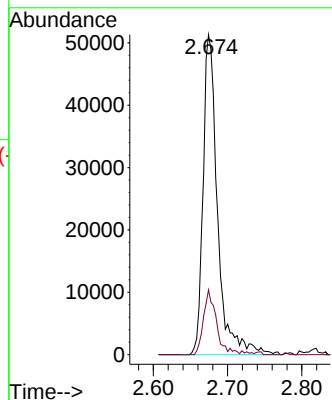
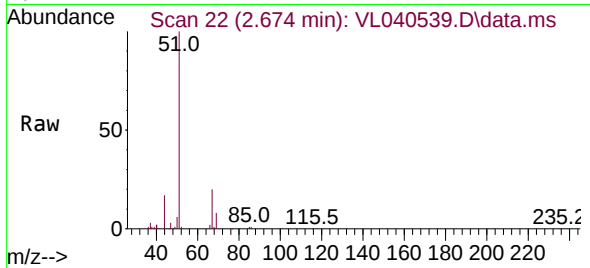




#3
Chlorodifluoromethane
Concen: 0.484 ppbv
RT: 2.674 min Scan# 21
Delta R.T. -0.010 min
Lab File: VL040539.D
Acq: 14 Jul 2023 23:23

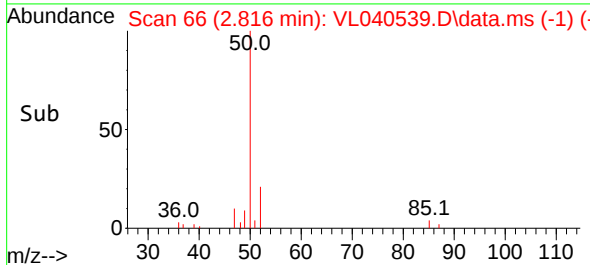
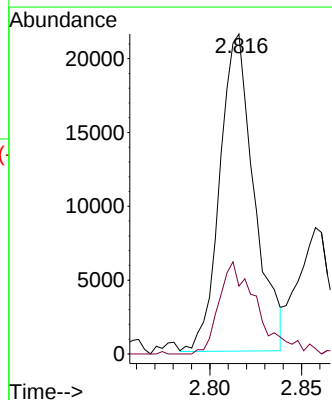
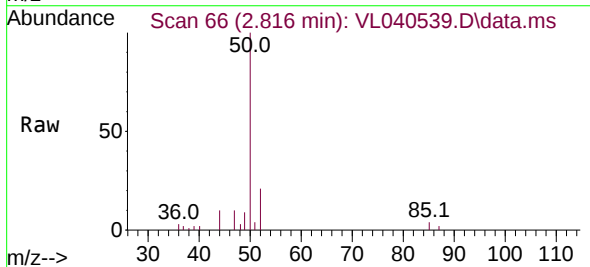
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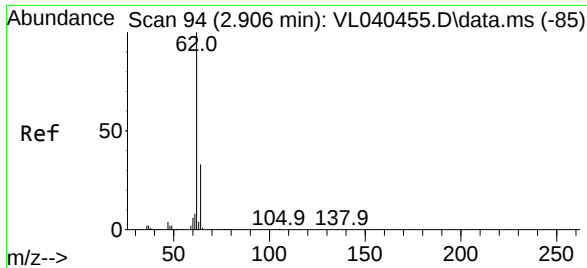
Tgt Ion: 51 Resp: 69483
Ion Ratio Lower Upper
51 100
67 19.0 14.6 21.8



#4
Chloromethane
Concen: 0.492 ppbv
RT: 2.816 min Scan# 66
Delta R.T. -0.006 min
Lab File: VL040539.D
Acq: 14 Jul 2023 23:23

Tgt Ion: 50 Resp: 27978
Ion Ratio Lower Upper
50 100
52 21.7 24.4 36.6#

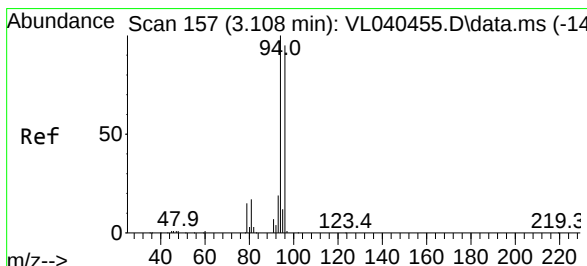
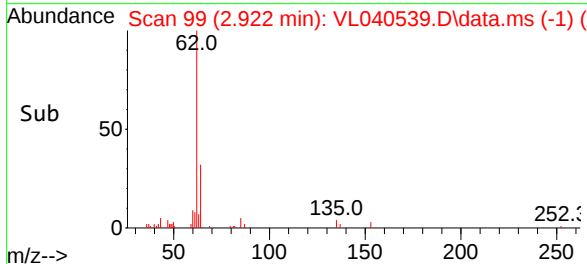
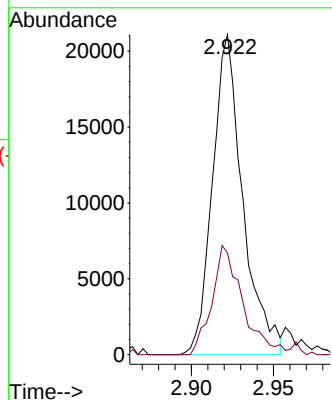
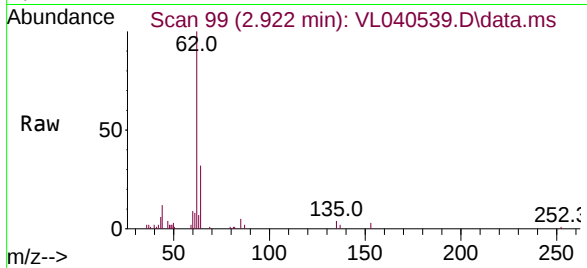




#5
 Vinyl Chloride
 Concen: 0.452 ppbv
 RT: 2.922 min Scan# 94
 Delta R.T. -0.006 min
 Lab File: VL040539.D
 Acq: 14 Jul 2023 23:23

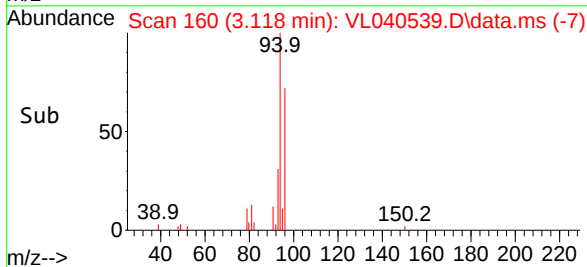
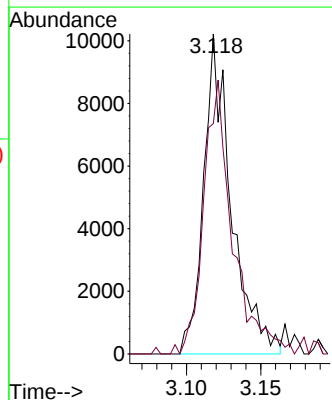
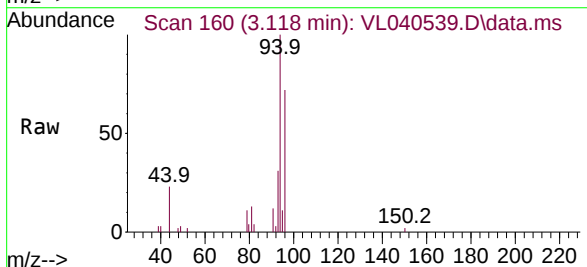
Instrument :
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 ClientSampleId :
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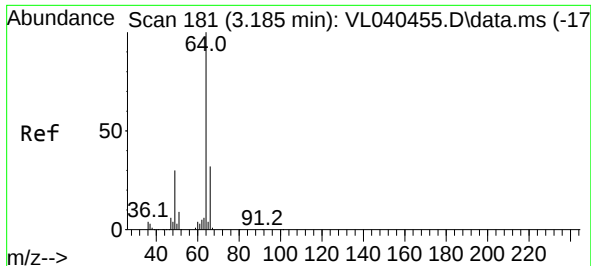
Tgt Ion: 62 Resp: 27017
 Ion Ratio Lower Upper
 62 100
 64 31.9 26.4 39.6



#6
 Bromomethane
 Concen: 0.526 ppbv
 RT: 3.118 min Scan# 160
 Delta R.T. -0.010 min
 Lab File: VL040539.D
 Acq: 14 Jul 2023 23:23

Tgt Ion: 94 Resp: 13254
 Ion Ratio Lower Upper
 94 100
 96 72.0 75.7 113.5#

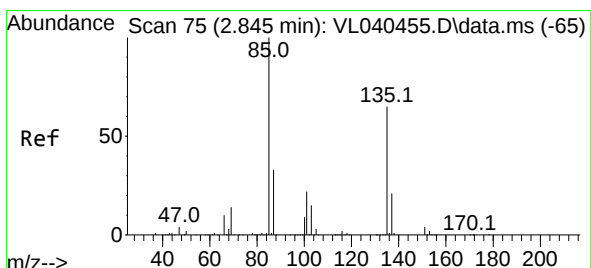
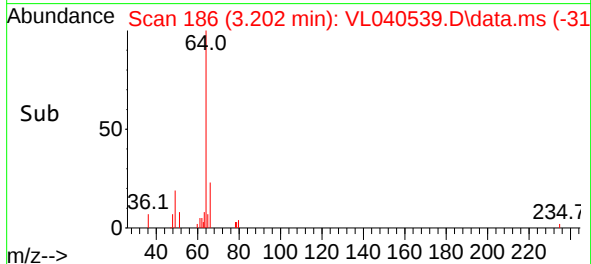
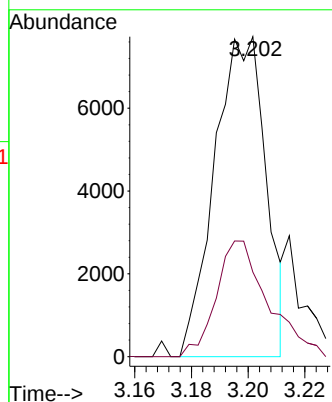
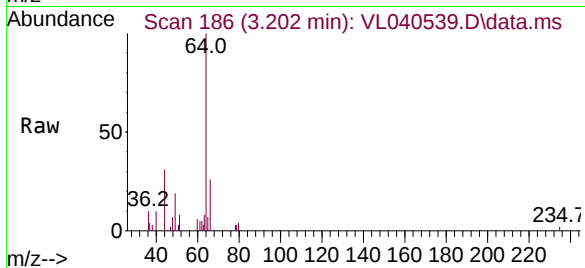




#7
Chloroethane
Concen: 0.464 ppbv
RT: 3.202 min Scan# 11
Delta R.T. -0.003 min
Lab File: VL040539.D
Acq: 14 Jul 2023 23:23

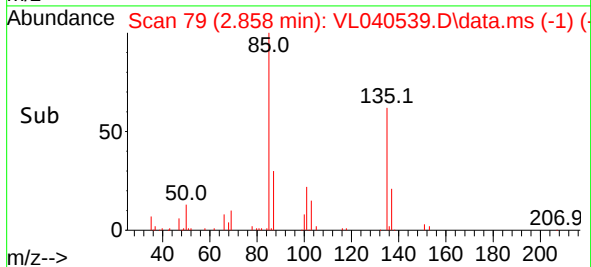
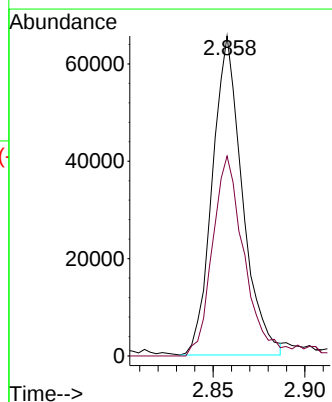
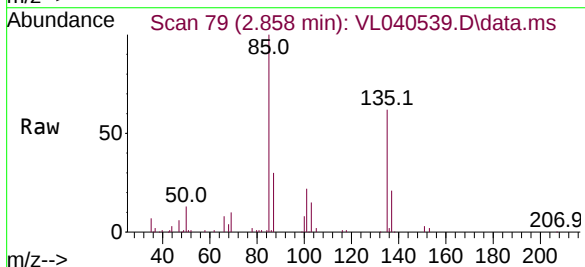
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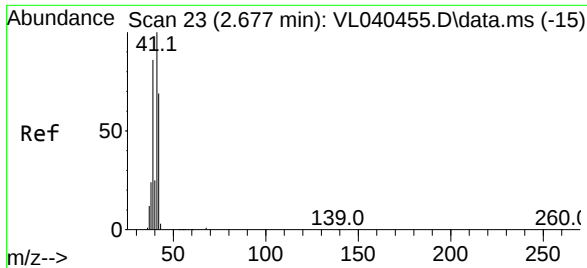
Tgt Ion: 64 Resp: 9715
Ion Ratio Lower Upper
64 100
66 26.5 24.4 36.6



#8
Dichlorotetrafluoroethane
Concen: 0.499 ppbv
RT: 2.858 min Scan# 79
Delta R.T. -0.010 min
Lab File: VL040539.D
Acq: 14 Jul 2023 23:23

Tgt Ion: 85 Resp: 74437
Ion Ratio Lower Upper
85 100
135 69.6 52.4 78.6

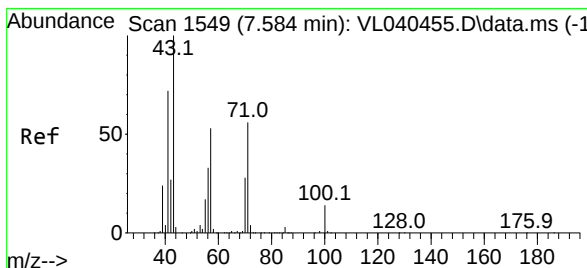
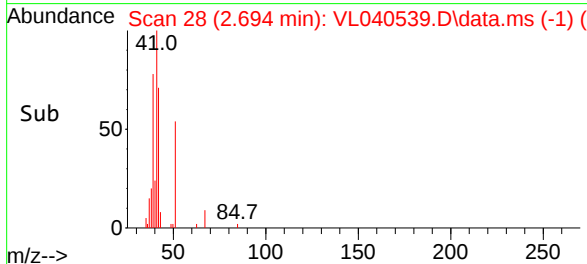
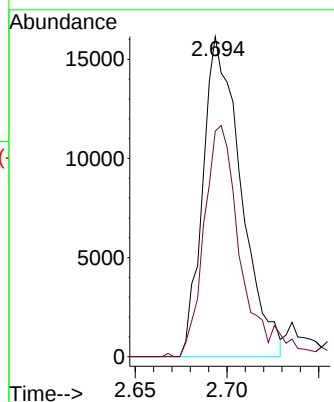
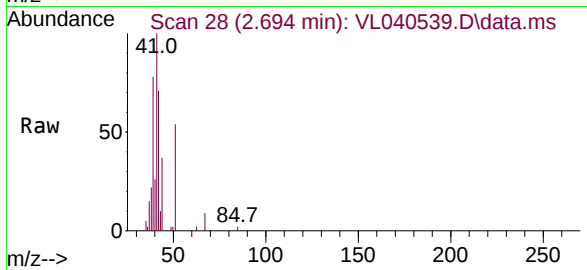




#9
 Propene
 Concen: 0.475 ppbv
 RT: 2.694 min Scan# 21
 Delta R.T. -0.010 min
 Lab File: VL040539.D
 Acq: 14 Jul 2023 23:23

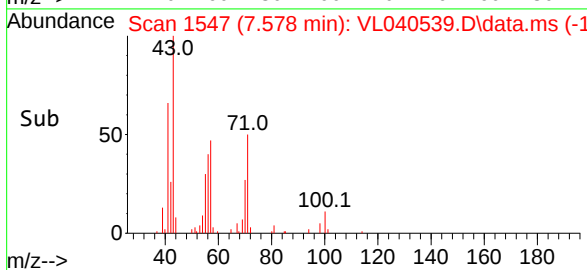
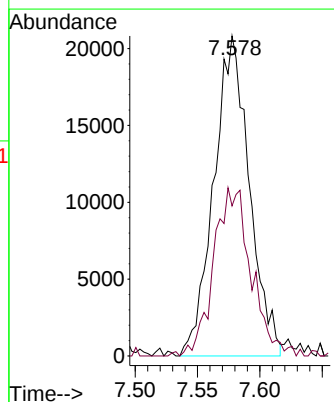
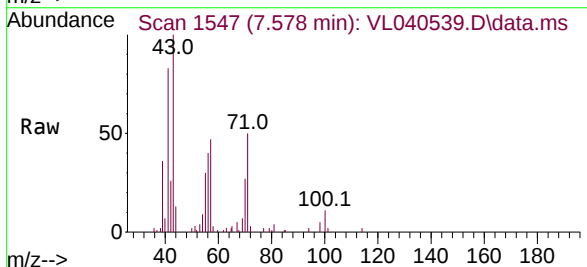
Instrument :
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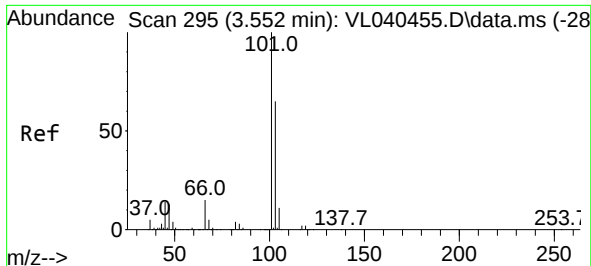
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 Ion Ratio Lower Upper
 41 100
 42 70.6 55.0 82.6



#10
 Heptane
 Concen: 0.381 ppbv
 RT: 7.578 min Scan# 1547
 Delta R.T. -0.013 min
 Lab File: VL040539.D
 Acq: 14 Jul 2023 23:23

Tgt Ion: 43 Resp: 41376
 Ion Ratio Lower Upper
 43 100
 57 55.8 42.5 63.7

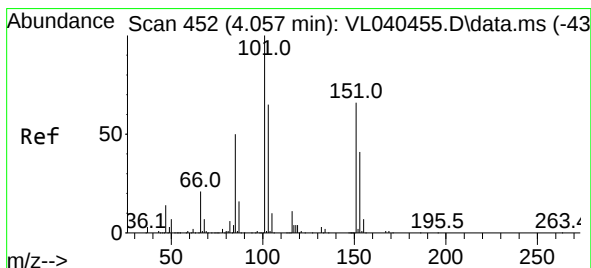
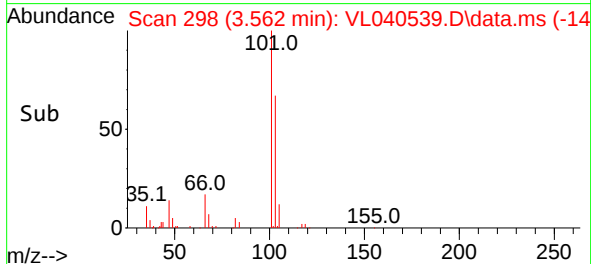
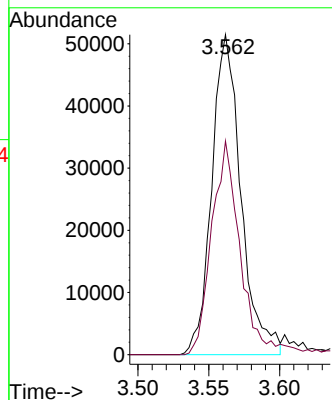
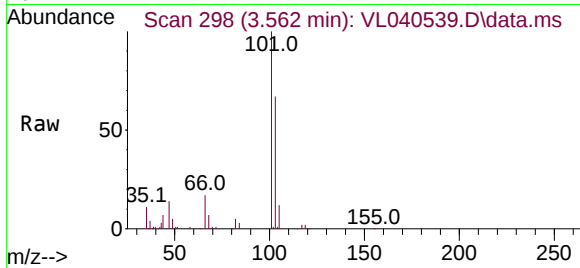




#11
 Trichlorofluoromethane
 Concen: 0.504 ppbv
 RT: 3.562 min Scan# 295
 Delta R.T. -0.010 min
 Lab File: VL040539.D
 Acq: 14 Jul 2023 23:23

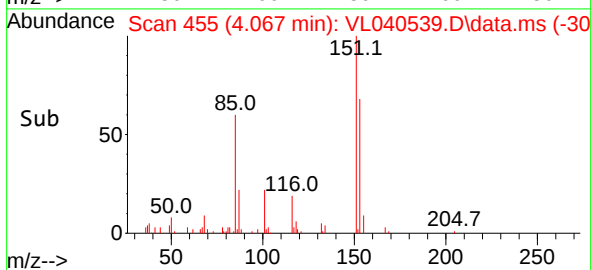
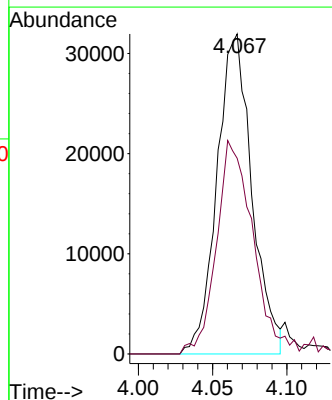
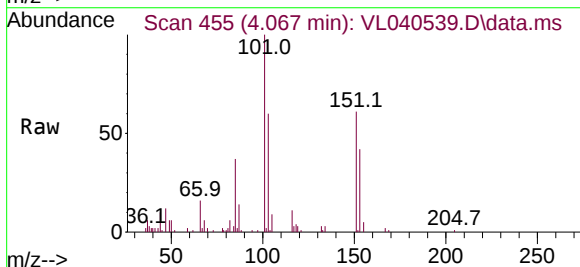
Instrument : MSVOA_L
 ClientSampleId : LOD-MDL-AIR-01-QT3-2023

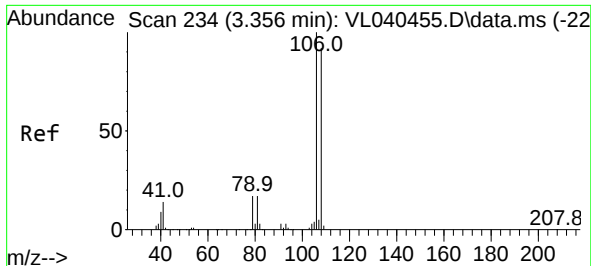
Tgt Ion:101 Resp: 73750
 Ion Ratio Lower Upper
 101 100
 103 66.8 53.4 80.0



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.508 ppbv
 RT: 4.067 min Scan# 455
 Delta R.T. -0.006 min
 Lab File: VL040539.D
 Acq: 14 Jul 2023 23:23

Tgt Ion:101 Resp: 52344
 Ion Ratio Lower Upper
 101 100
 151 72.5 58.2 87.4





#14

Bromoethene

Concen: 0.429 ppbv

RT: 3.366 min Scan# 21

Delta R.T. -0.010 min

Lab File: VL040539.D

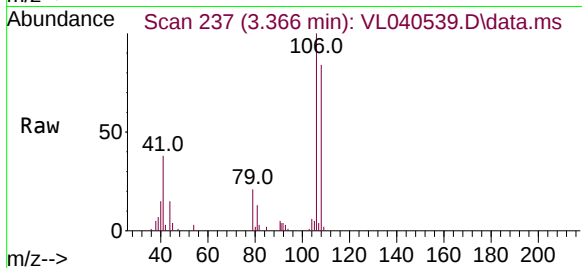
Acq: 14 Jul 2023 23:23

Instrument :

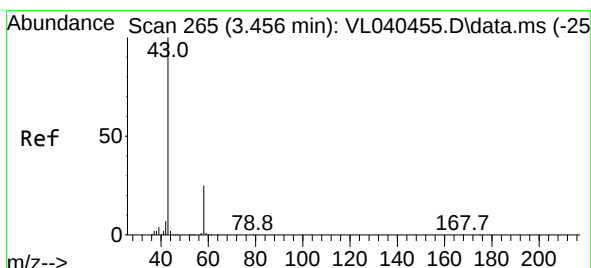
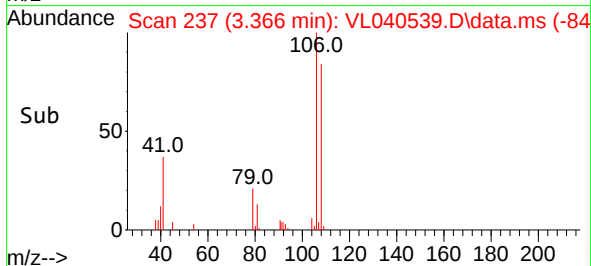
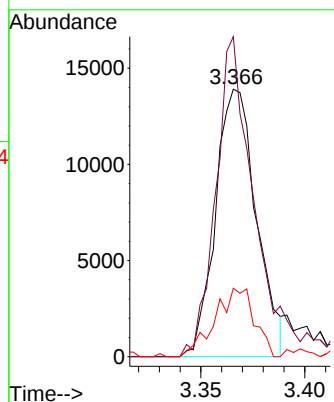
MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT3-2023



Tgt Ion:	108	Resp:	19017
Ion Ratio	Lower	Upper	
108	100		
106	122.5	87.2	130.8
79	26.5	15.3	22.9#



#15

Acetone

Concen: 0.510 ppbv

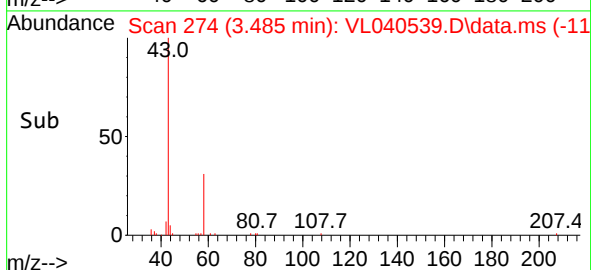
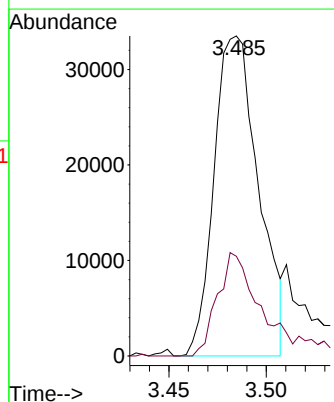
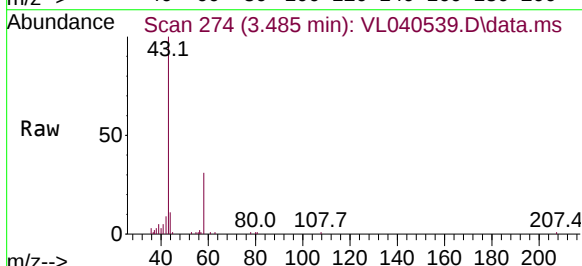
RT: 3.485 min Scan# 274

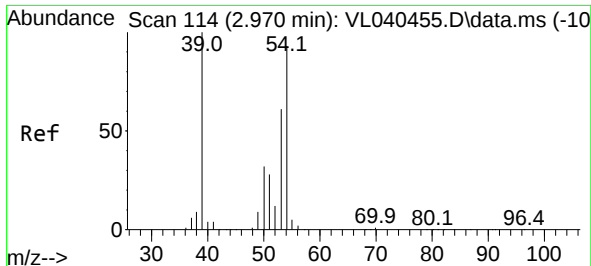
Delta R.T. 0.010 min

Lab File: VL040539.D

Acq: 14 Jul 2023 23:23

Tgt Ion:	43	Resp:	53174
Ion Ratio	Lower	Upper	
43	100		
58	34.2	22.9	34.3

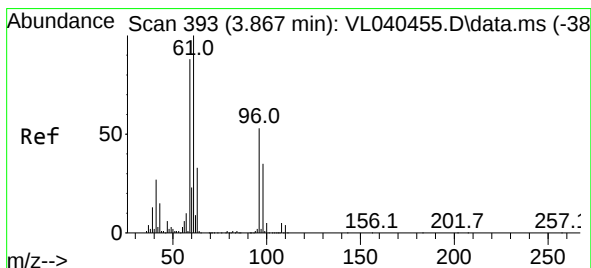
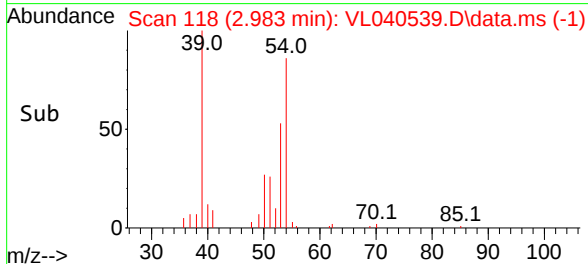
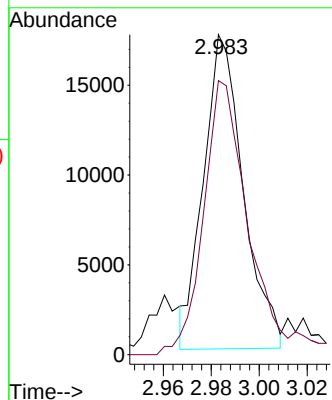
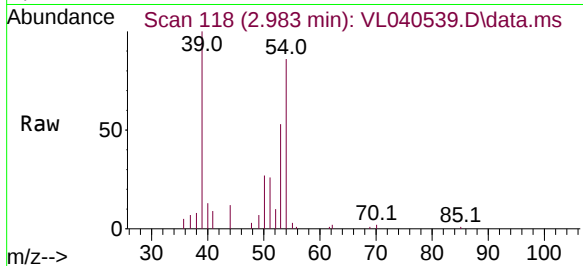




#16
1,3-Butadiene
Concen: 0.382 ppbv
RT: 2.983 min Scan# 114
Delta R.T. -0.010 min
Lab File: VL040539.D
Acq: 14 Jul 2023 23:23

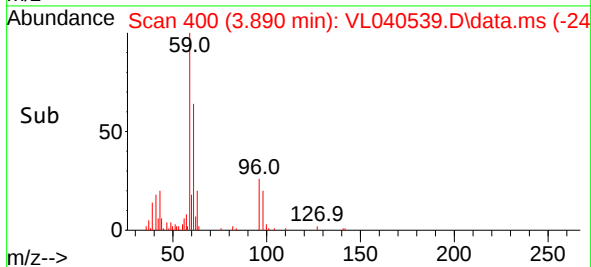
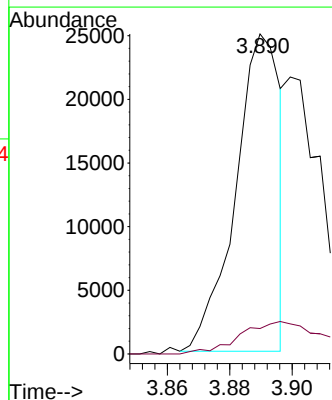
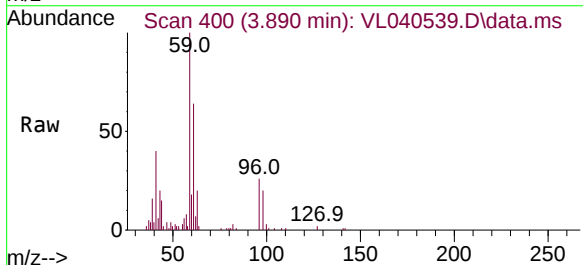
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT3-2023

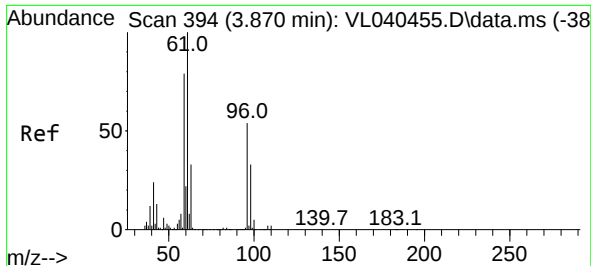
Tgt Ion: 39 Resp: 20099
Ion Ratio Lower Upper
39 100
54 103.1 66.6 100.0#



#17
tert-Butyl alcohol
Concen: 0.230 ppbv
RT: 3.890 min Scan# 400
Delta R.T. 0.006 min
Lab File: VL040539.D
Acq: 14 Jul 2023 23:23

Tgt Ion: 59 Resp: 24766
Ion Ratio Lower Upper
59 100
57 0.0 8.7 13.1#





#18

1,1-Dichloroethene

Concen: 0.448 ppbv

RT: 3.880 min Scan# 309

Delta R.T. -0.010 min

Lab File: VL040539.D

Acq: 14 Jul 2023 23:23

Instrument :

MSVOA_1

ClientSampleId :

LOD-MDL-AIR-01-QT3-2023

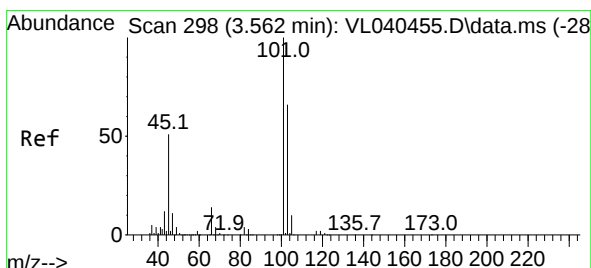
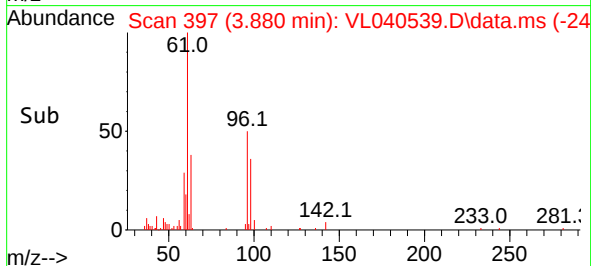
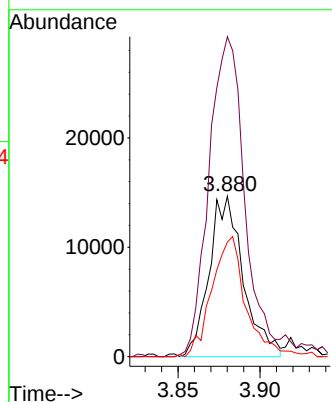
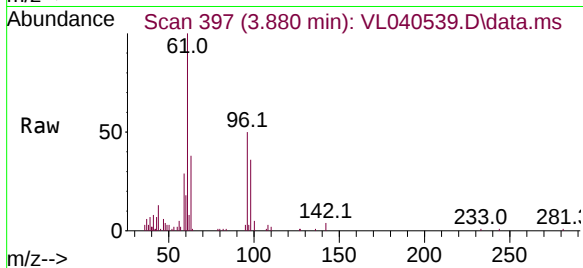
Tgt Ion: 96 Resp: 21223

Ion Ratio Lower Upper

96 100

61 198.2 154.4 231.6

98 70.1 50.0 75.0



#19

Isopropyl Alcohol

Concen: 0.449 ppbv

RT: 3.597 min Scan# 309

Delta R.T. 0.016 min

Lab File: VL040539.D

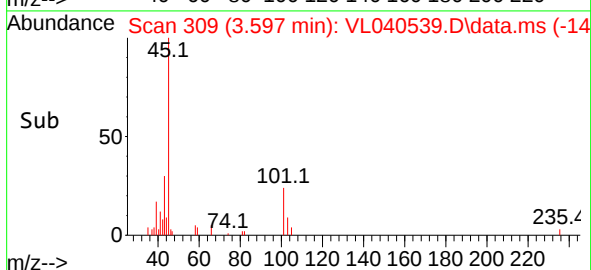
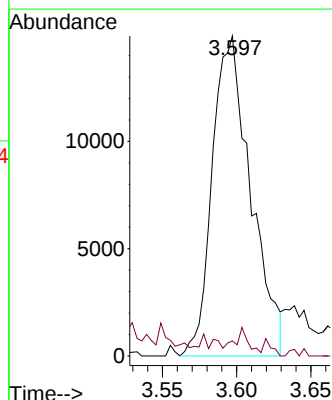
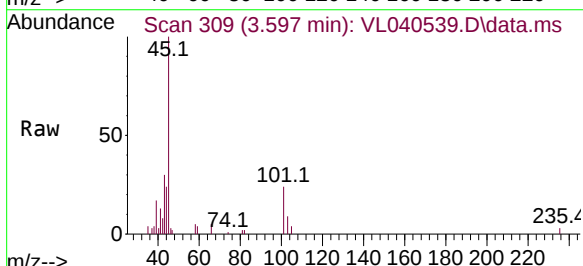
Acq: 14 Jul 2023 23:23

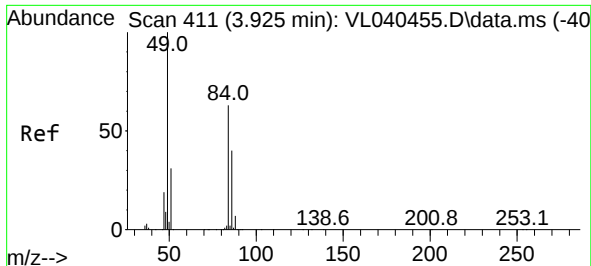
Tgt Ion: 45 Resp: 26863

Ion Ratio Lower Upper

45 100

58 7.2 1.1 1.7#

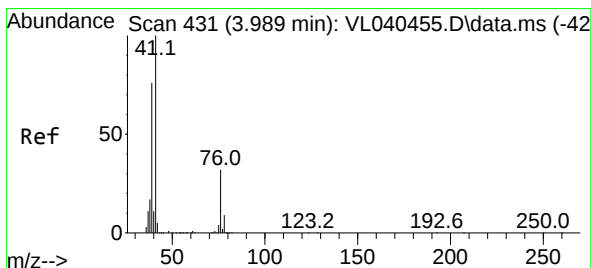
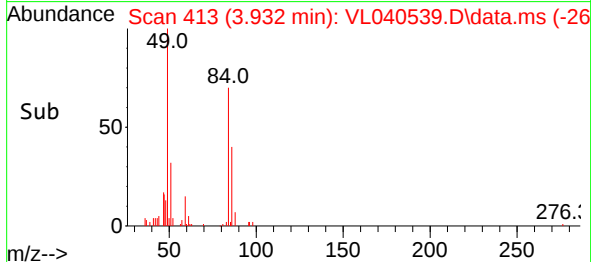
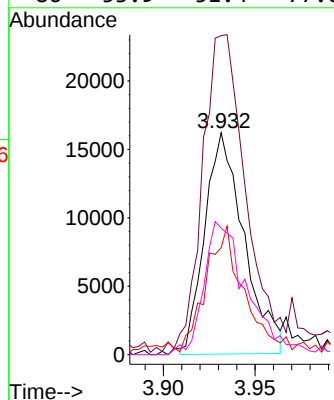
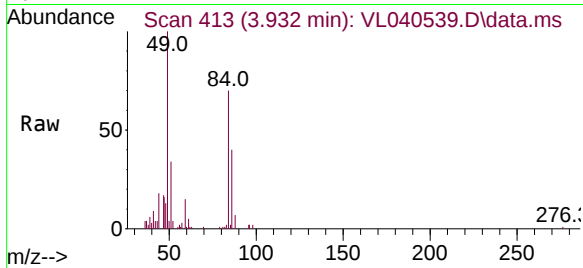




#20
Methylene Chloride
Concen: 0.544 ppbv
RT: 3.932 min Scan# 411
Delta R.T. -0.010 min
Lab File: VL040539.D
Acq: 14 Jul 2023 23:23

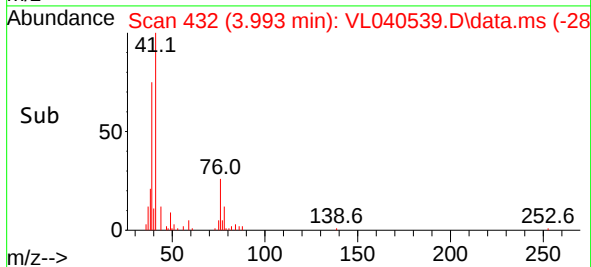
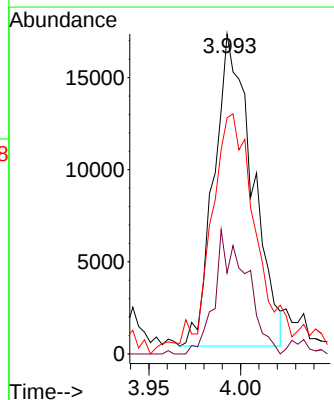
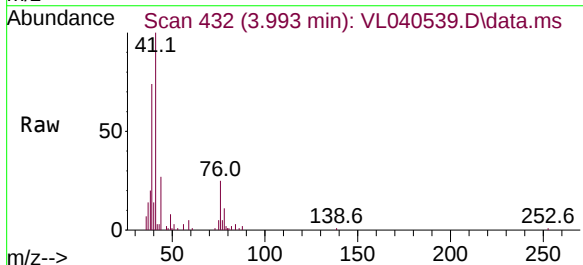
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT3-2023

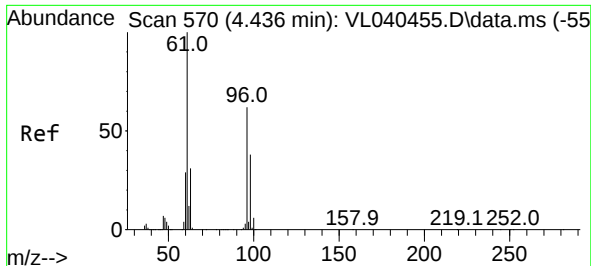
Tgt Ion: 84	Resp: 24150		
Ion	Ratio	Lower	Upper
84	100		
49	137.9	123.4	185.2
51	48.1	38.3	57.5
86	53.9	51.4	77.0



#21
Allyl Chloride
Concen: 0.413 ppbv
RT: 3.993 min Scan# 432
Delta R.T. -0.013 min
Lab File: VL040539.D
Acq: 14 Jul 2023 23:23

Tgt Ion: 41	Resp: 24606
Ion Ratio	Lower Upper
41 100	
76 35.6	24.8 37.2
39 96.2	60.6 91.0#

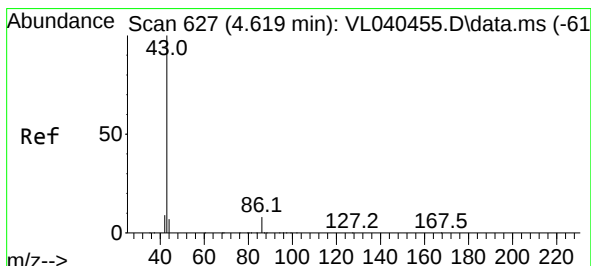
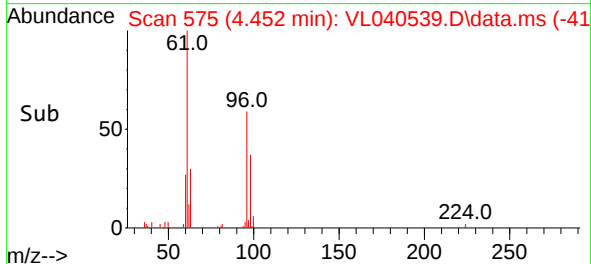
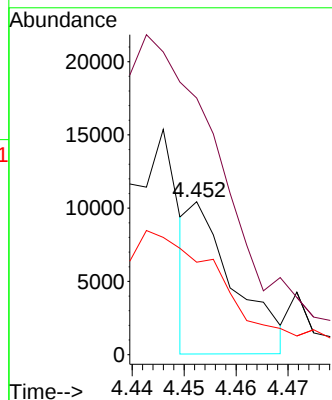
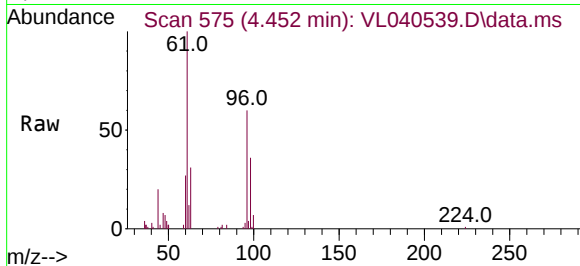




#22
trans-1,2-Dichloroethene
Concen: 0.133 ppbv
RT: 4.452 min Scan# 51
Delta R.T. 0.000 min
Lab File: VL040539.D
Acq: 14 Jul 2023 23:23

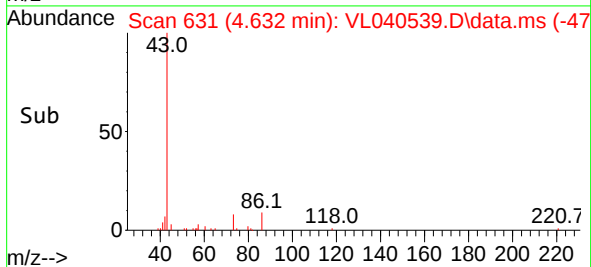
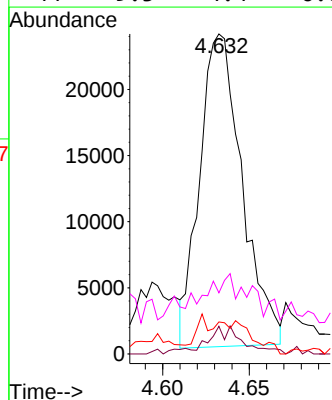
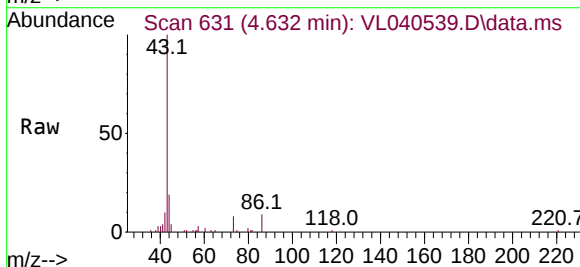
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT3-2023

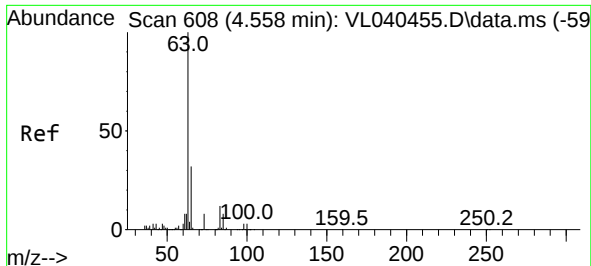
Tgt Ion: 96 Resp: 6203
Ion Ratio Lower Upper
96 100
61 145.1 137.7 206.5
98 53.5 52.9 79.3



#23
Vinyl Acetate
Concen: 0.405 ppbv
RT: 4.632 min Scan# 631
Delta R.T. -0.003 min
Lab File: VL040539.D
Acq: 14 Jul 2023 23:23

Tgt Ion: 43 Resp: 40237
Ion Ratio Lower Upper
43 100
86 8.0 5.6 8.4
42 11.0 7.4 11.2
44 9.3 4.4 6.6#

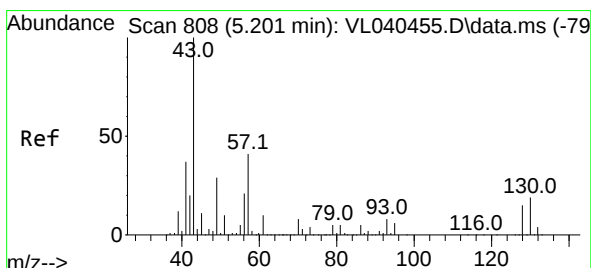
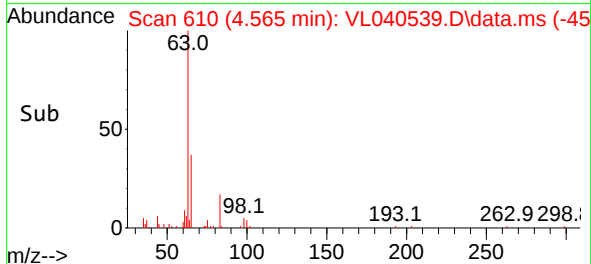
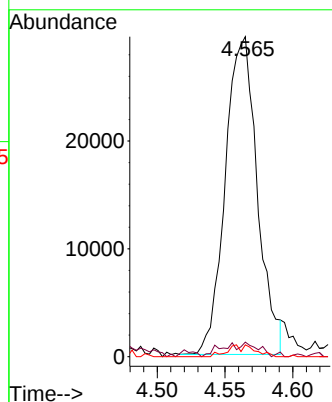
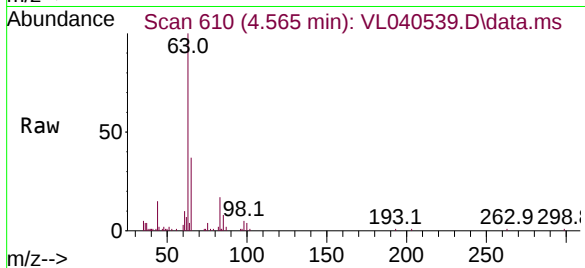




#24
1,1-Dichloroethane
Concen: 0.480 ppbv
RT: 4.565 min Scan# 610
Delta R.T. -0.006 min
Lab File: VL040539.D
Acq: 14 Jul 2023 23:23

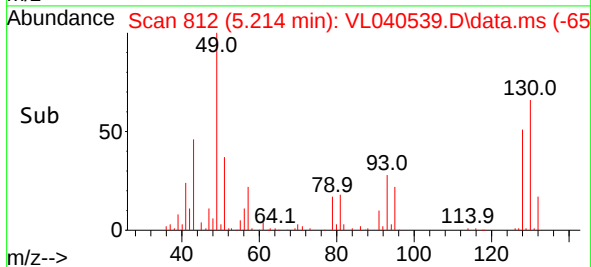
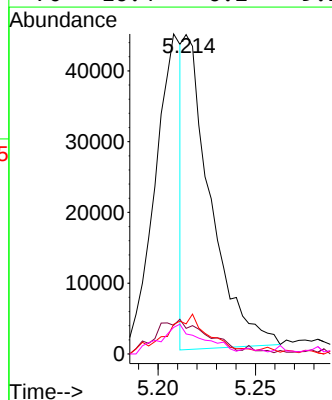
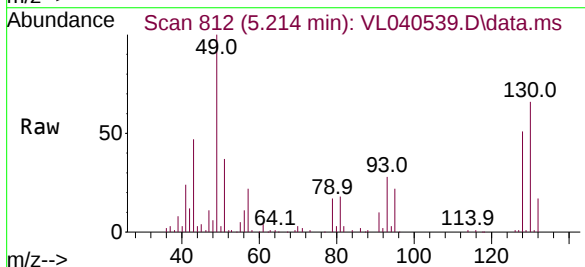
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT3-2023

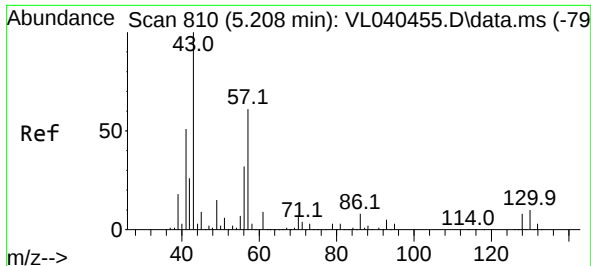
Tgt Ion: 63 Resp: 48444
Ion Ratio Lower Upper
63 100
98 3.6 1.8 5.5
100 3.7 1.4 4.0



#25
Ethyl Acetate
Concen: 0.215 ppbv
RT: 5.214 min Scan# 812
Delta R.T. 0.003 min
Lab File: VL040539.D
Acq: 14 Jul 2023 23:23

Tgt Ion: 43 Resp: 42628
Ion Ratio Lower Upper
43 100
45 22.6 8.2 12.4#
61 24.7 8.3 12.5#
70 16.4 6.2 9.2#

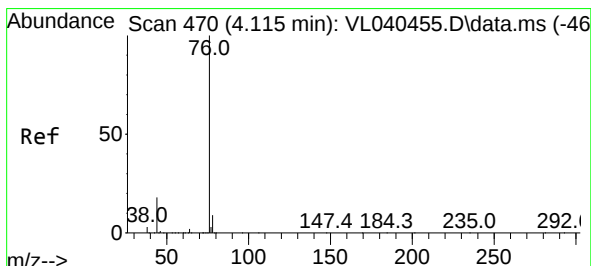
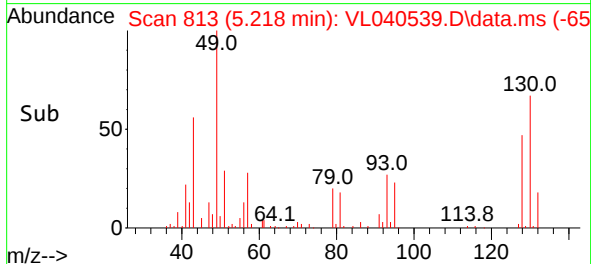
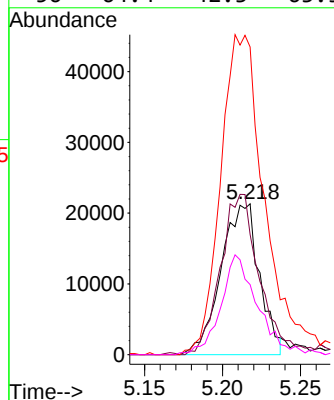
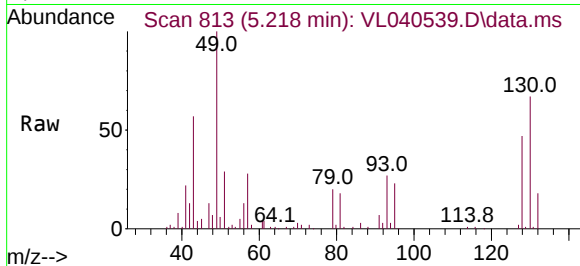




#26
Hexane
Concen: 0.397 ppbv
RT: 5.218 min Scan# 810
Delta R.T. -0.003 min
Lab File: VL040539.D
Acq: 14 Jul 2023 23:23

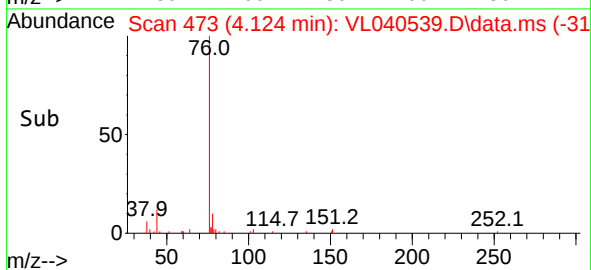
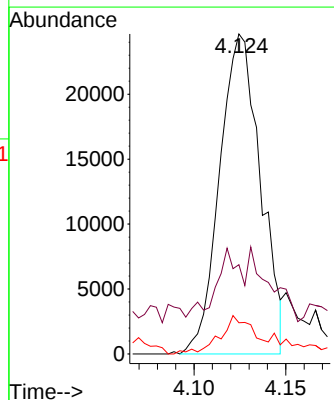
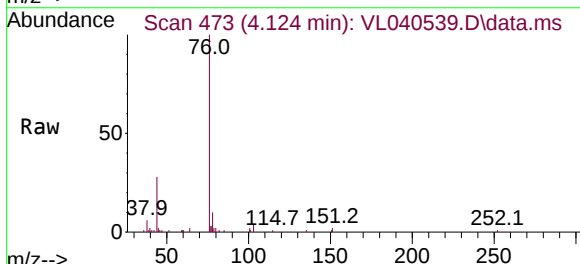
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT3-2023

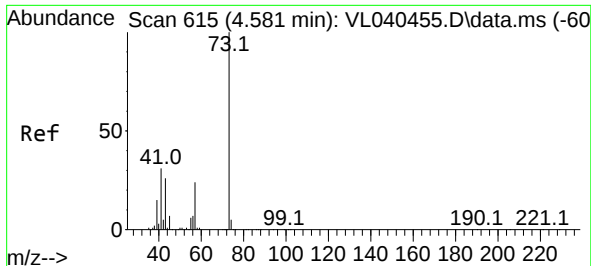
Tgt Ion: 57 Resp: 36584
Ion Ratio Lower Upper
57 100
41 113.5 69.5 104.3#
43 257.2 177.1 265.7
56 64.4 42.3 63.5#



#27
Carbon Disulfide
Concen: 0.351 ppbv
RT: 4.124 min Scan# 473
Delta R.T. -0.006 min
Lab File: VL040539.D
Acq: 14 Jul 2023 23:23

Tgt Ion: 76 Resp: 38071
Ion Ratio Lower Upper
76 100
44 25.1 15.1 22.7#
78 14.5 7.5 11.3#

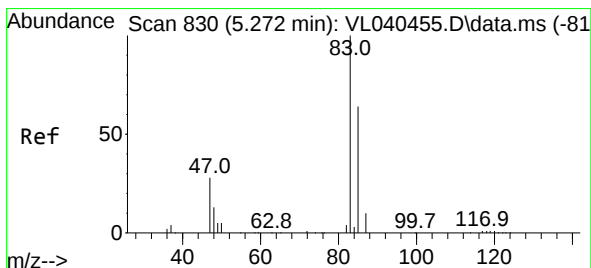
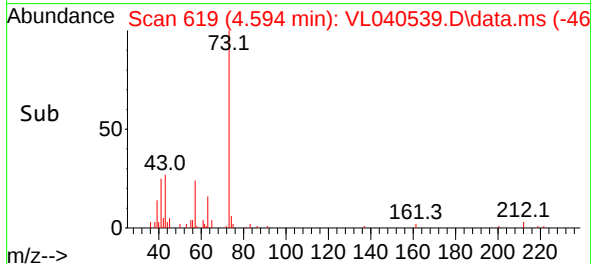
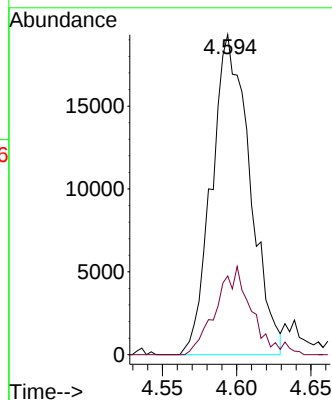
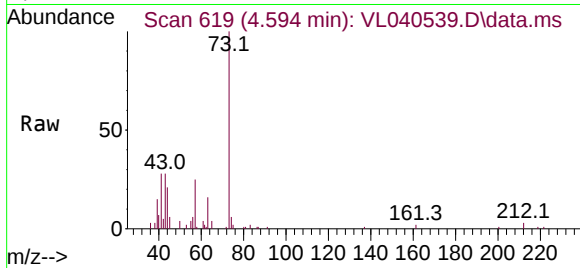




#28
Methyl tert-Butyl Ether
Concen: 0.466 ppbv
RT: 4.594 min Scan# 615
Delta R.T. 0.000 min
Lab File: VL040539.D
Acq: 14 Jul 2023 23:23

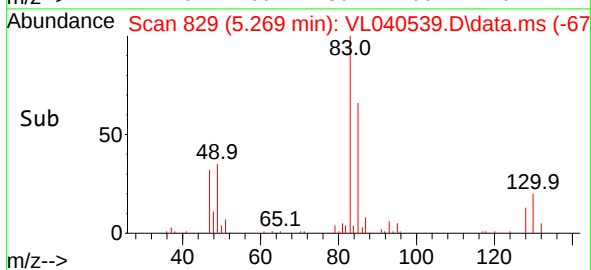
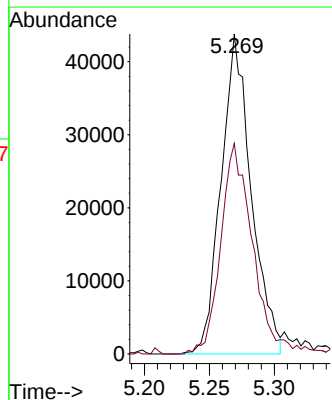
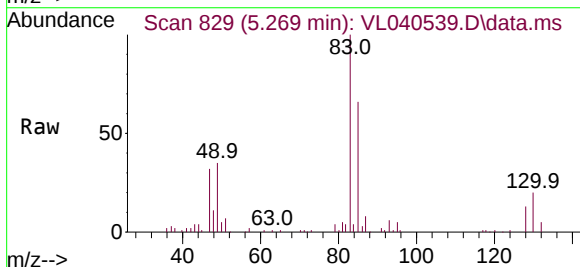
Instrument :
MSVOA_1
ClientSampleId :
LOD-MDL-AIR-01-QT3-2023

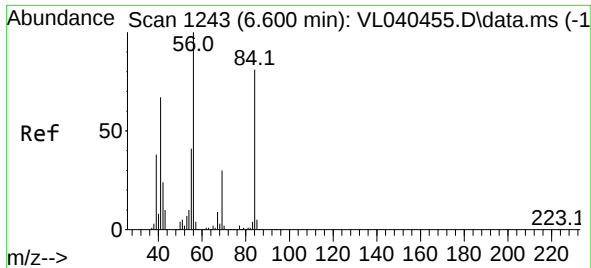
Tgt Ion: 73 Resp: 34605
Ion Ratio Lower Upper
73 100
57 25.8 18.8 28.2



#29
Chloroform
Concen: 0.462 ppbv
RT: 5.269 min Scan# 829
Delta R.T. -0.016 min
Lab File: VL040539.D
Acq: 14 Jul 2023 23:23

Tgt Ion: 83 Resp: 70725
Ion Ratio Lower Upper
83 100
85 65.8 51.1 76.7

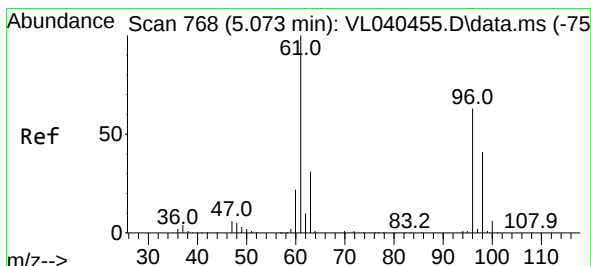
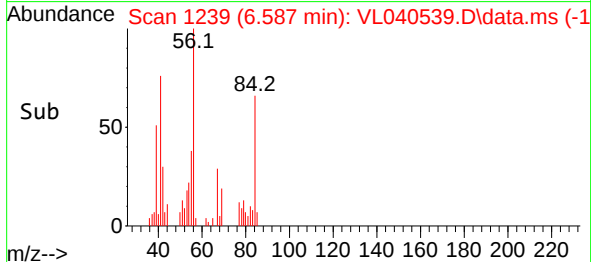
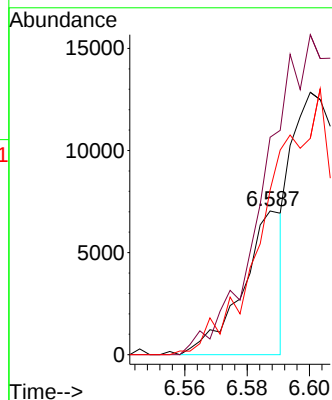
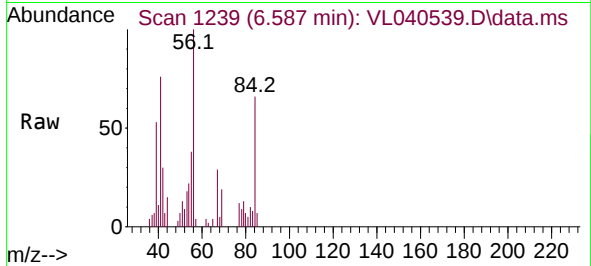




#30
Cyclohexane
Concen: 0.082 ppbv
RT: 6.587 min Scan# 11
Delta R.T. -0.022 min
Lab File: VL040539.D
Acq: 14 Jul 2023 23:23

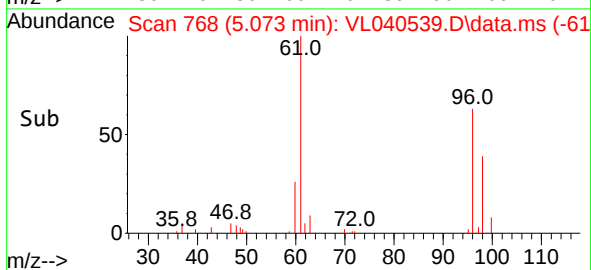
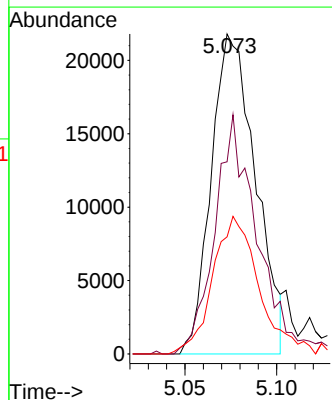
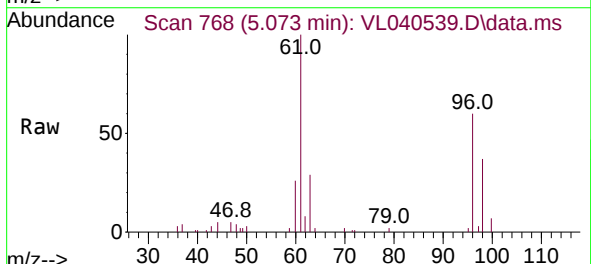
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT3-2023

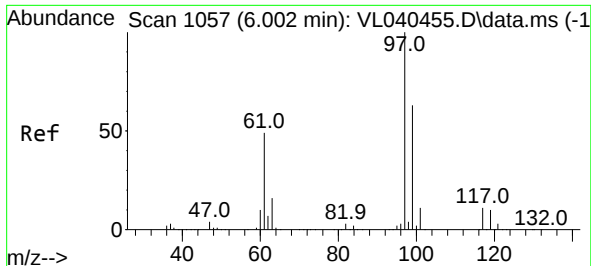
Tgt Ion: 84 Resp: 6317
Ion Ratio Lower Upper
84 100
56 0.0 108.7 163.1#
41 0.0 64.5 96.7#



#31
cis-1,2-Dichloroethene
Concen: 0.401 ppbv
RT: 5.073 min Scan# 768
Delta R.T. -0.013 min
Lab File: VL040539.D
Acq: 14 Jul 2023 23:23

Tgt Ion: 61 Resp: 36579
Ion Ratio Lower Upper
61 100
96 58.2 54.7 82.1
98 34.7 34.6 52.0

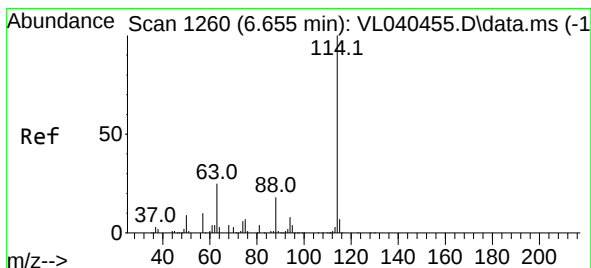
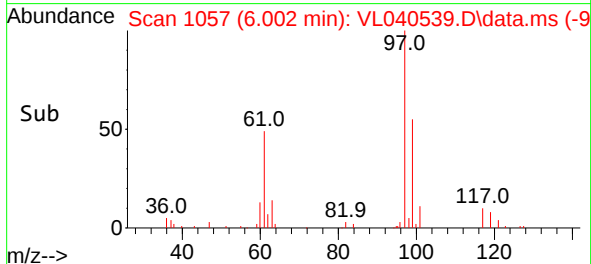
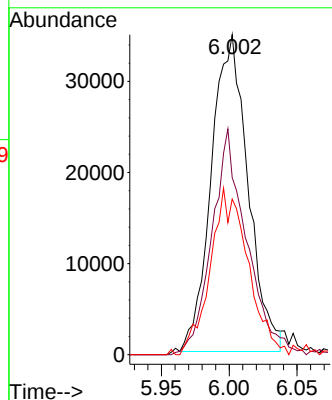
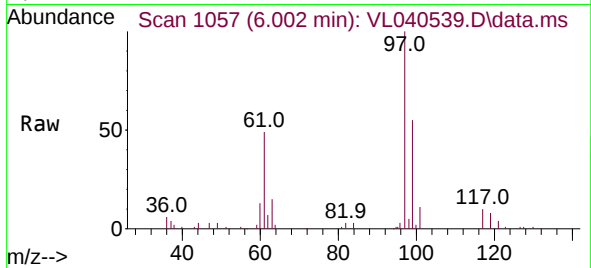




#32
 1,1,1-Trichloroethane
 Concen: 0.437 ppbv
 RT: 6.002 min Scan# 1057
 Delta R.T. -0.010 min
 Lab File: VL040539.D
 Acq: 14 Jul 2023 23:23

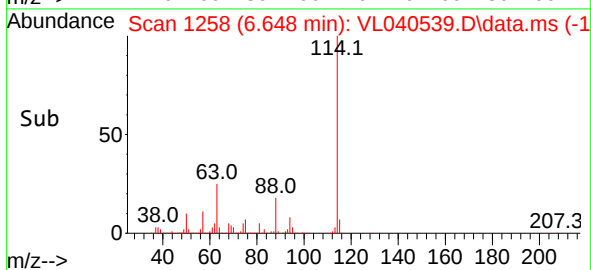
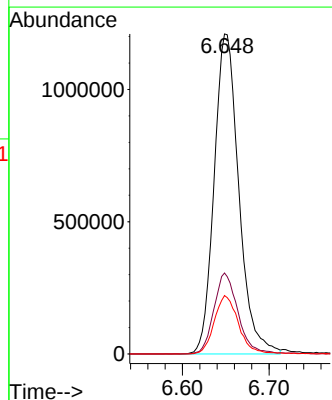
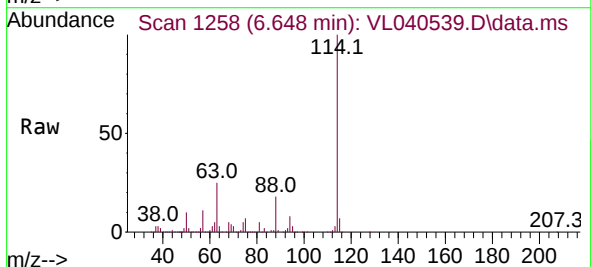
Instrument : MSVOA_L
 ClientSampleId :
 LOD-MDL-AIR-01-QT3-2023

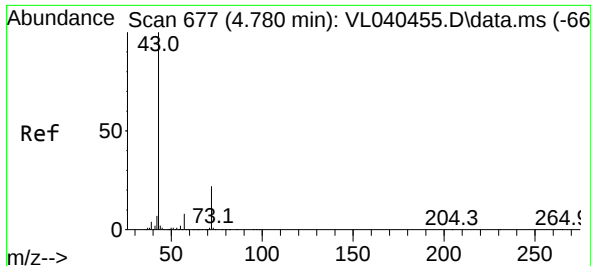
Tgt Ion: 97	Resp: 65364		
Ion Ratio	Lower	Upper	
97 100			
99 68.5	52.0	78.0	
61 55.4	38.9	58.3	



#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 6.648 min Scan# 1258
 Delta R.T. -0.016 min
 Lab File: VL040539.D
 Acq: 14 Jul 2023 23:23

Tgt Ion:114	Resp: 2390637		
Ion	Ratio	Lower	Upper
114	100		
63	24.9	19.6	29.4
88	18.1	14.2	21.2

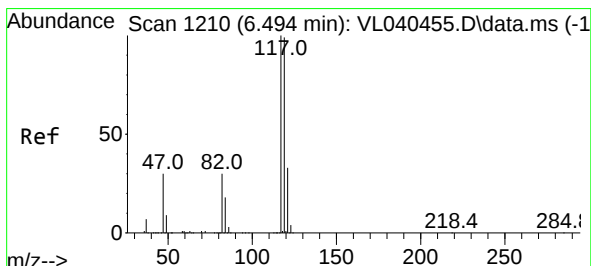
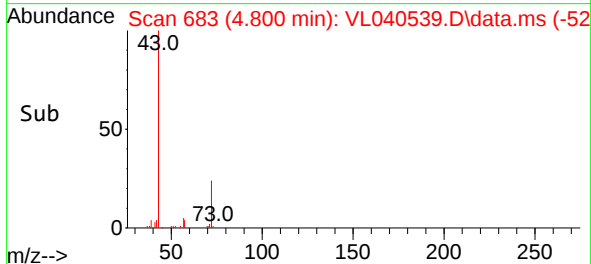
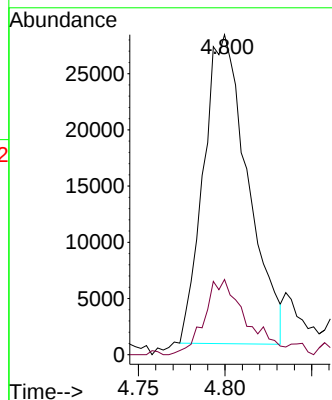
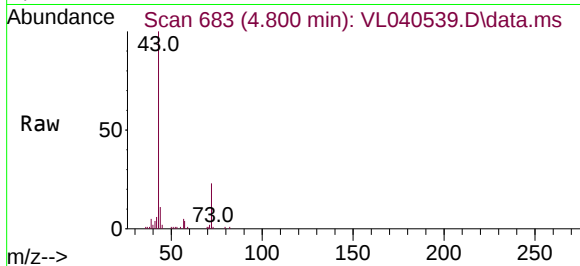




#34
2-Butanone
Concen: 0.413 ppbv
RT: 4.800 min Scan# 61
Delta R.T. 0.006 min
Lab File: VL040539.D
Acq: 14 Jul 2023 23:23

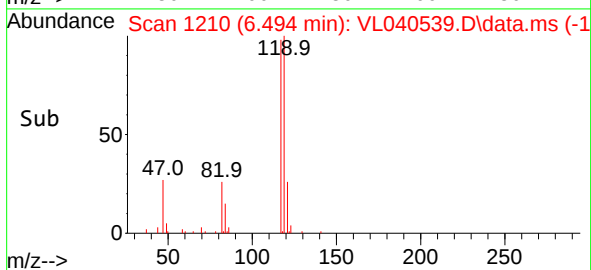
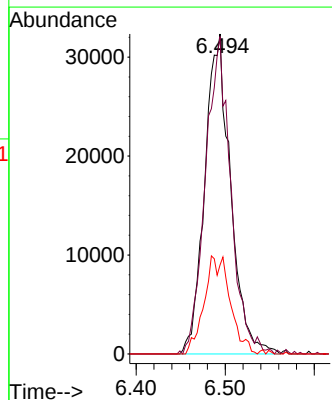
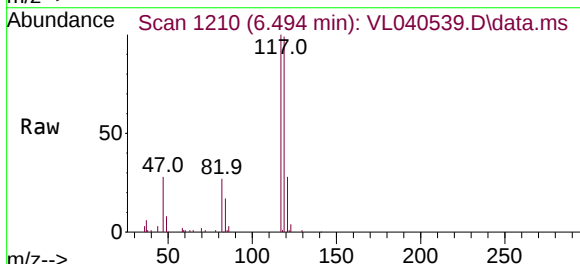
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT3-2023

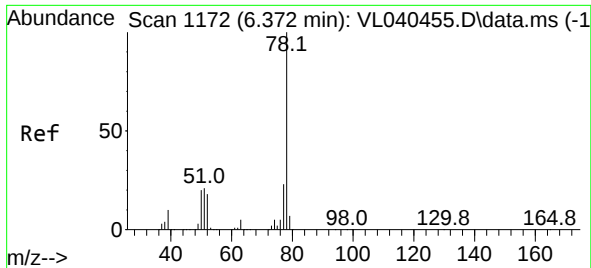
Tgt Ion: 43 Resp: 48807
Ion Ratio Lower Upper
43 100
72 24.1 19.1 28.7



#35
Carbon Tetrachloride
Concen: 0.452 ppbv
RT: 6.494 min Scan# 1210
Delta R.T. -0.010 min
Lab File: VL040539.D
Acq: 14 Jul 2023 23:23

Tgt Ion: 117 Resp: 65051
Ion Ratio Lower Upper
117 100
119 98.7 77.8 116.6
121 27.8 24.8 37.2

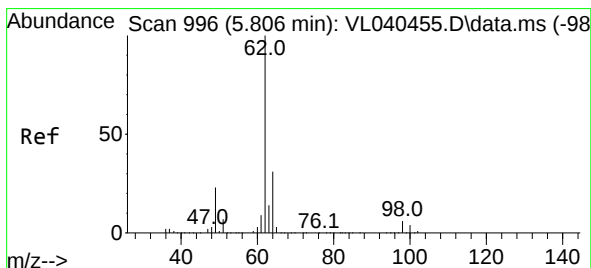
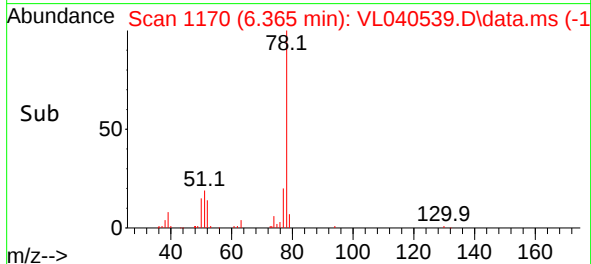
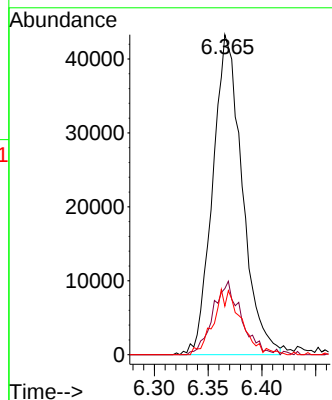
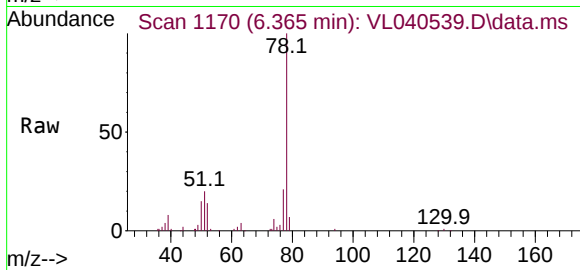




#36
Benzene
Concen: 0.430 ppbv
RT: 6.365 min Scan# 1172
Delta R.T. -0.016 min
Lab File: VL040539.D
Acq: 14 Jul 2023 23:23

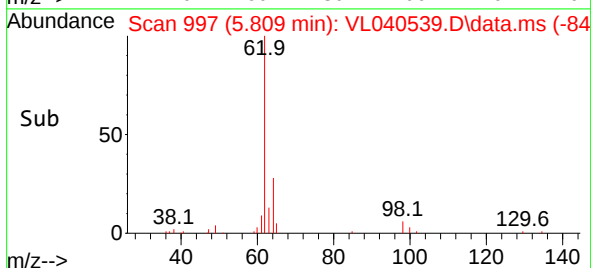
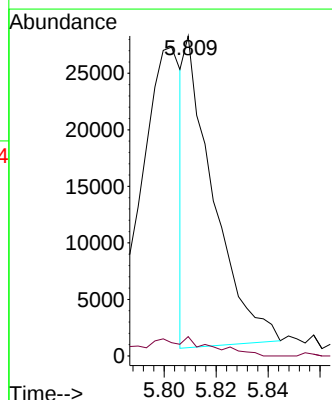
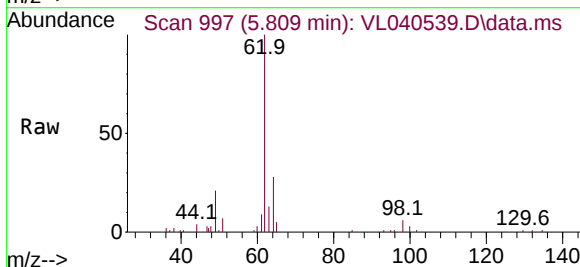
Instrument : MSVOA_L
ClientSampleId : LOD-MDL-AIR-01-QT3-2023

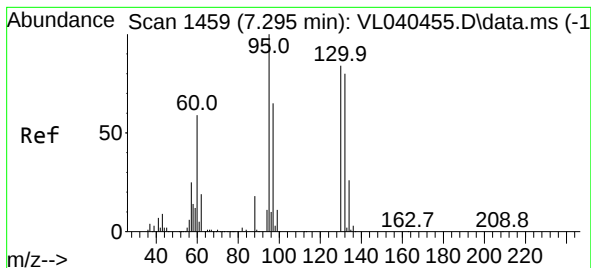
Tgt Ion	Ratio	Lower	Upper
78	100		
77	20.7	17.4	26.0
50	15.2	14.4	21.6



#37
1,2-Dichloroethane
Concen: 0.187 ppbv
RT: 5.809 min Scan# 997
Delta R.T. -0.006 min
Lab File: VL040539.D
Acq: 14 Jul 2023 23:23

Tgt Ion	Ratio	Lower	Upper
62	100		
98	13.0	5.1	7.7#





#38

Trichloroethene

Concen: 0.420 ppbv

RT: 7.288 min Scan# 1459

Delta R.T. -0.016 min

Lab File: VL040539.D

Acq: 14 Jul 2023 23:23

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT3-2023

Tgt Ion:130 Resp: 30553

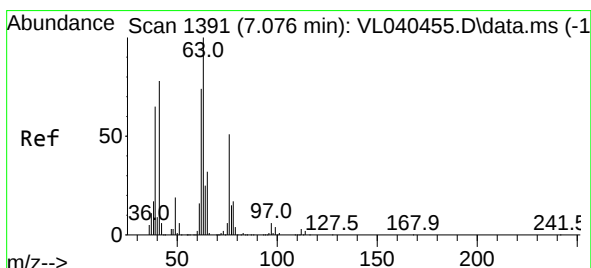
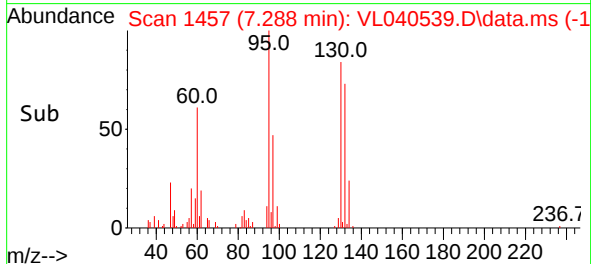
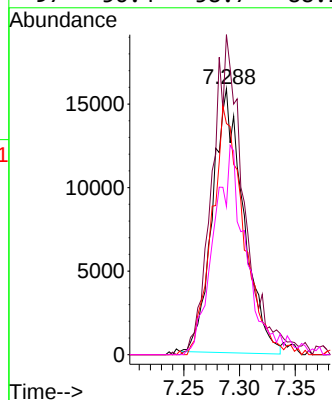
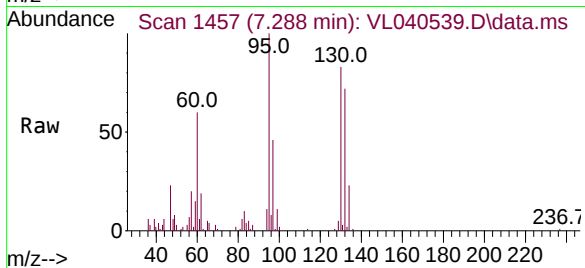
Ion Ratio Lower Upper

130 100

95 121.8 90.2 135.2

132 86.7 76.3 114.5

97 56.4 58.7 88.1#



#39

1,2-Dichloropropane

Concen: 0.430 ppbv

RT: 7.070 min Scan# 1389

Delta R.T. -0.013 min

Lab File: VL040539.D

Acq: 14 Jul 2023 23:23

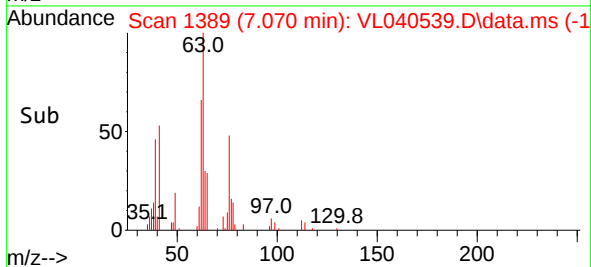
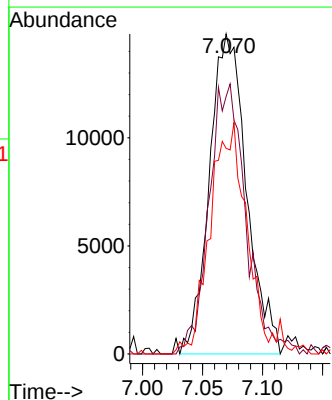
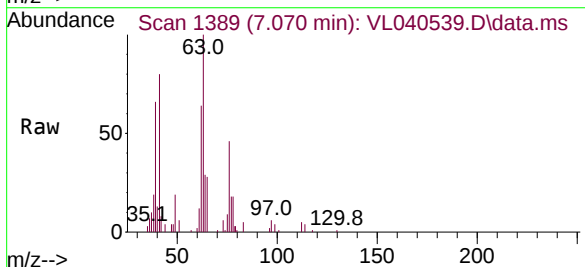
Tgt Ion: 63 Resp: 31840

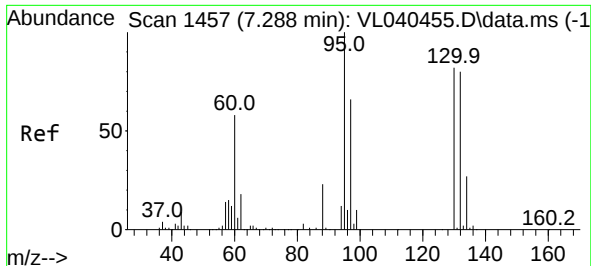
Ion Ratio Lower Upper

63 100

41 78.3 54.3 81.5

62 60.5 55.6 83.4

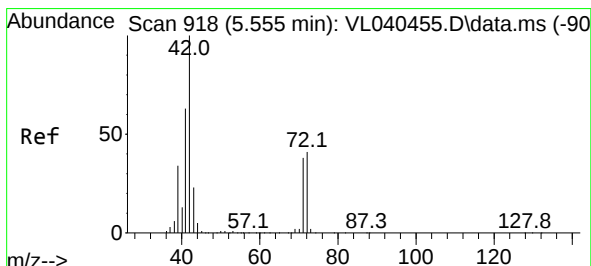
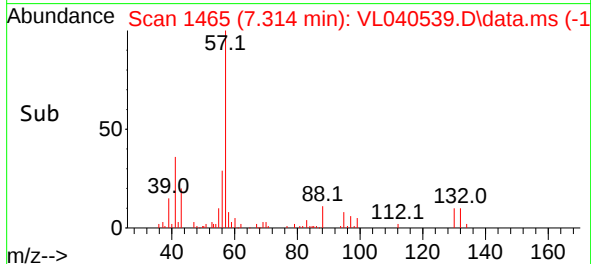
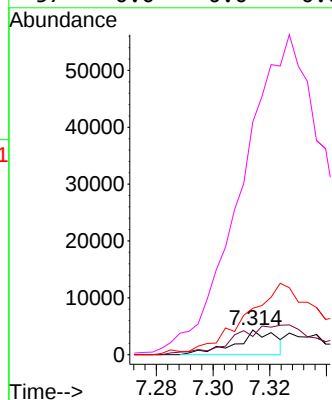
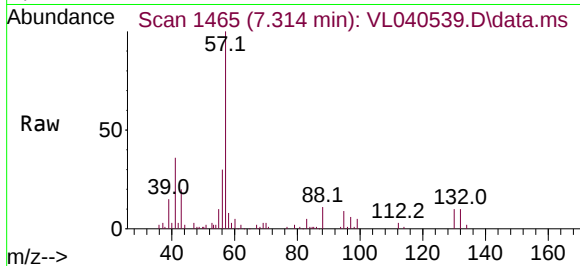




#40
1,4-Dioxane
Concen: 0.184 ppbv
RT: 7.314 min Scan# 1457
Delta R.T. 0.016 min
Lab File: VL040539.D
Acq: 14 Jul 2023 23:23

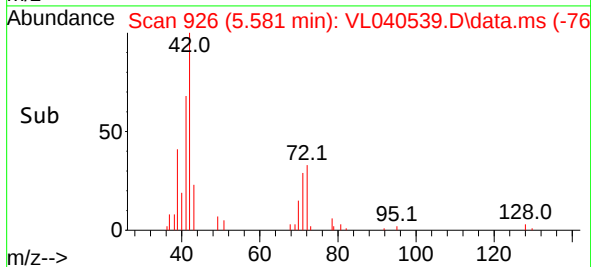
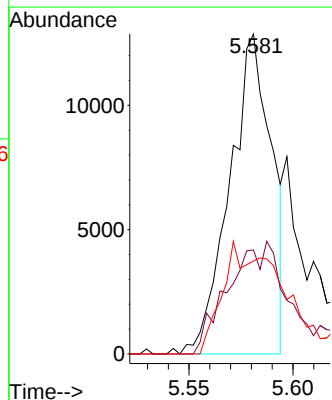
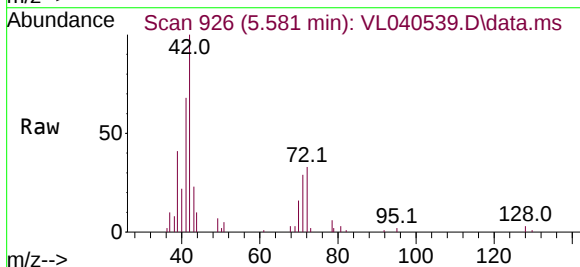
Instrument : MSVOA_L
ClientSampleId : LOD-MDL-AIR-01-QT3-2023

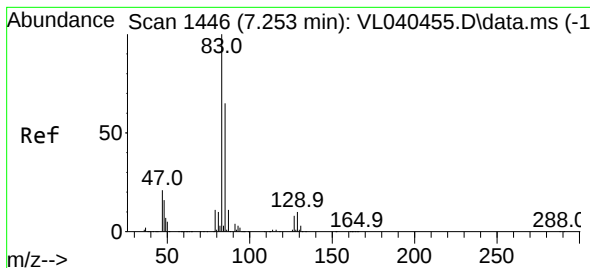
Tgt Ion: 88	Resp: 4252
Ion Ratio	Lower Upper
88	100
58	0.0 58.6 88.0#
43	0.0 0.0 0.0
57	0.0 0.0 0.0



#41
Tetrahydrofuran
Concen: 0.261 ppbv
RT: 5.581 min Scan# 926
Delta R.T. 0.016 min
Lab File: VL040539.D
Acq: 14 Jul 2023 23:23

Tgt Ion: 42	Resp: 18012
Ion Ratio	Lower Upper
42	100
72	57.0 33.8 50.8#
71	55.6 33.0 49.6#





#42

Bromodichloromethane

Concen: 0.414 ppbv

RT: 7.247 min Scan# 1444

Delta R.T. -0.013 min

Lab File: VL040539.D

Acq: 14 Jul 2023 23:23

Instrument :

MSVOA_1

ClientSampleId :

LOD-MDL-AIR-01-QT3-2023

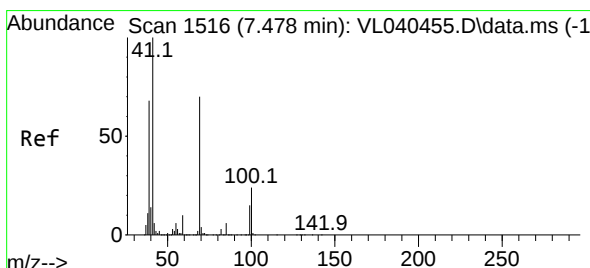
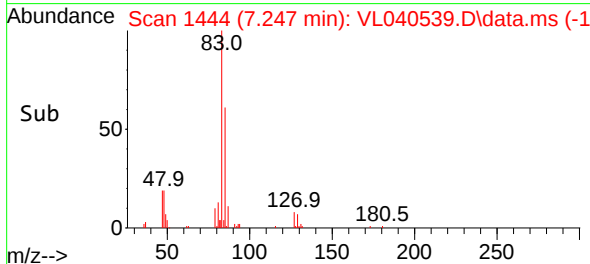
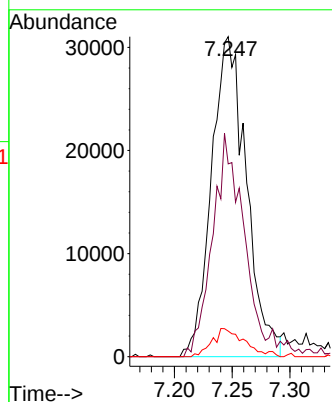
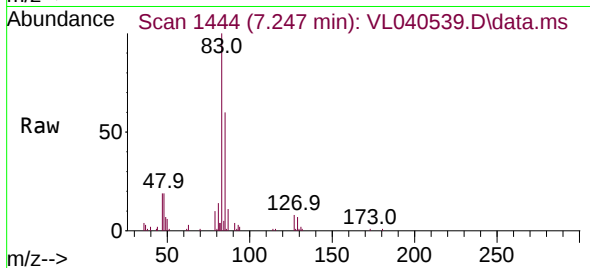
Tgt Ion: 83 Resp: 65152

Ion Ratio Lower Upper

83 100

85 60.2 51.1 76.7

127 8.0 6.5 9.7



#43

Methyl Methacrylate

Concen: 0.182 ppbv

RT: 7.478 min Scan# 1516

Delta R.T. -0.006 min

Lab File: VL040539.D

Acq: 14 Jul 2023 23:23

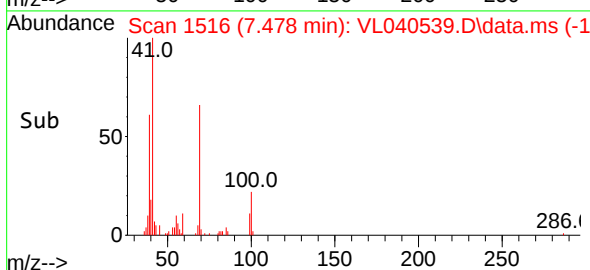
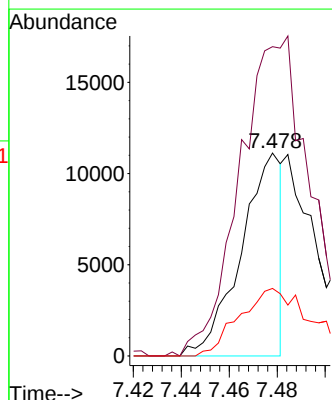
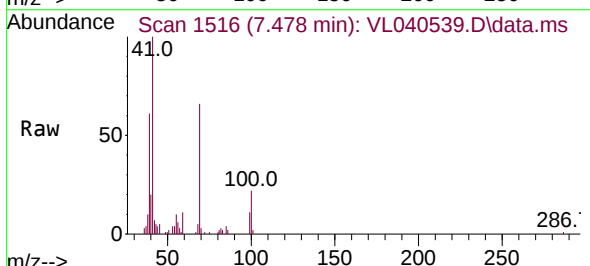
Tgt Ion: 69 Resp: 13089

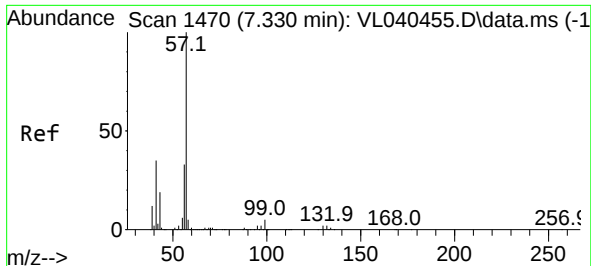
Ion Ratio Lower Upper

69 100

41 0.0 111.7 167.5#

100 61.4 26.9 40.3#





#44

2,2,4-Trimethylpentane

Concen: 0.397 ppbv

RT: 7.327 min Scan# 1469

Delta R.T. -0.010 min

Lab File: VL040539.D

Acq: 14 Jul 2023 23:23

Instrument :

MSVOA_1

ClientSampleId :

LOD-MDL-AIR-01-QT3-2023

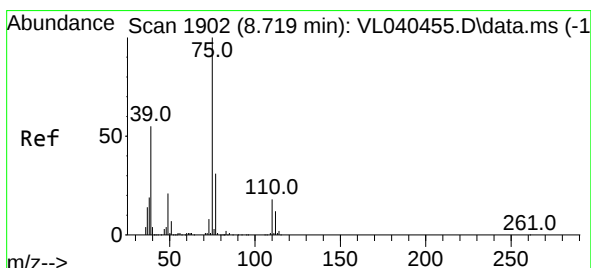
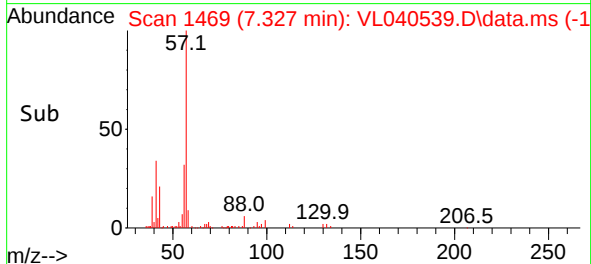
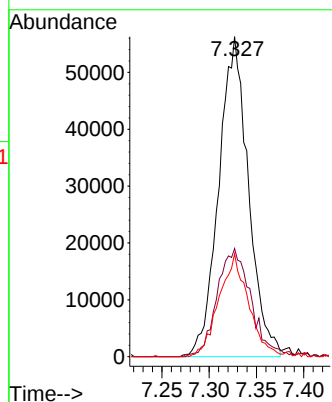
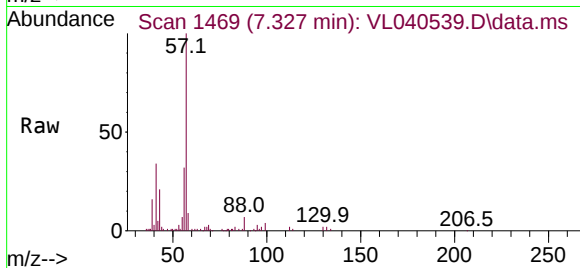
Tgt Ion: 57 Resp: 122861

Ion Ratio Lower Upper

57 100

41 38.6 25.5 38.3#

56 32.4 25.1 37.7



#45

t-1,3-Dichloropropene

Concen: 0.062 ppbv

RT: 8.697 min Scan# 1895

Delta R.T. -0.026 min

Lab File: VL040539.D

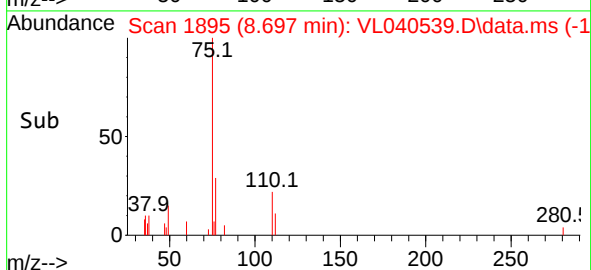
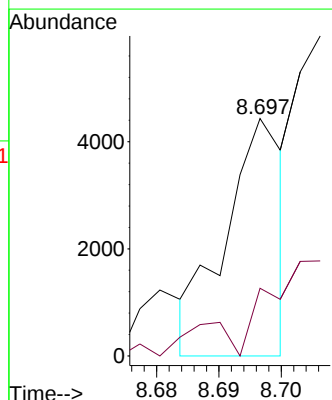
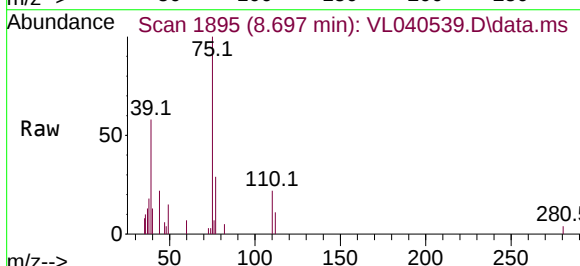
Acq: 14 Jul 2023 23:23

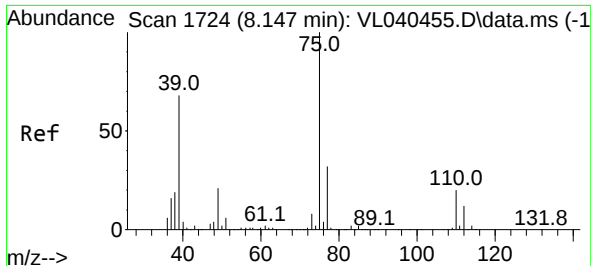
Tgt Ion: 75 Resp: 2867

Ion Ratio Lower Upper

75 100

77 28.5 26.0 39.0

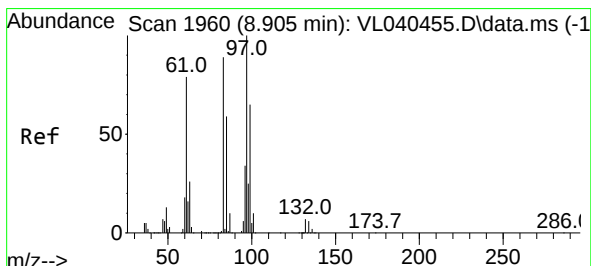
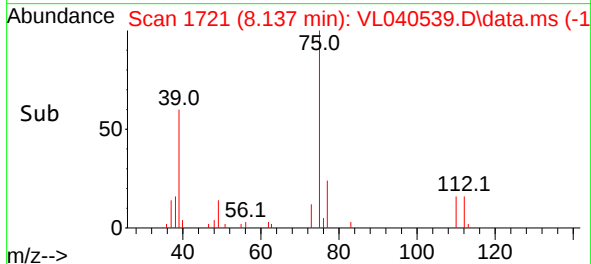
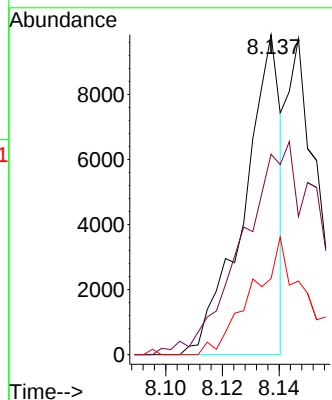
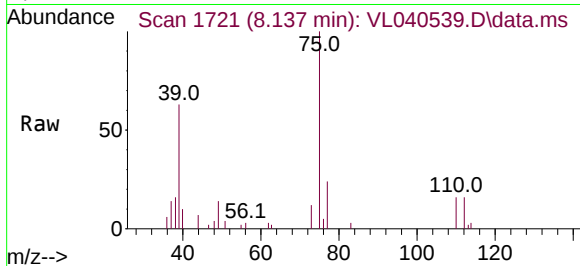




#46
 cis-1,3-Dichloropropene
 Concen: 0.150 ppbv
 RT: 8.137 min Scan# 1
 Delta R.T. -0.016 min
 Lab File: VL040539.D
 Acq: 14 Jul 2023 23:23

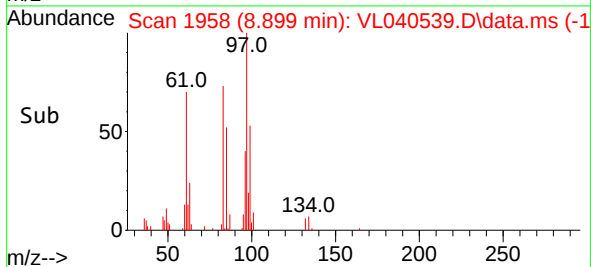
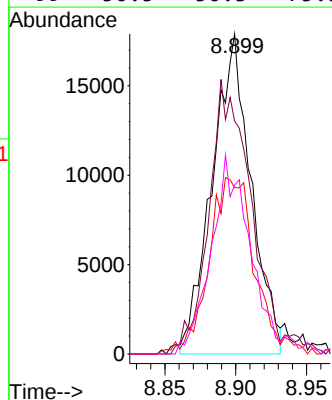
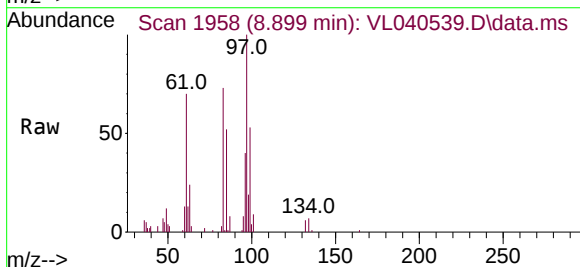
Instrument :
 MSVOA_L
 ClientSampleId :
 LOD-MDL-AIR-01-QT3-2023

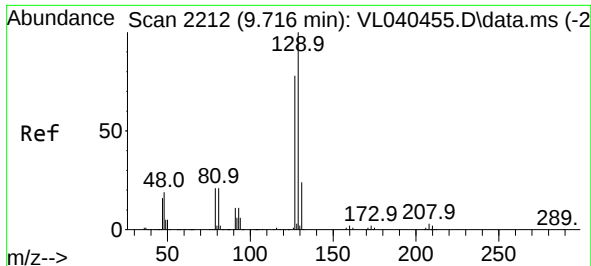
Tgt Ion: 75 Resp: 8860
 Ion Ratio Lower Upper
 75 100
 39 58.4 48.0 72.0
 77 23.8 24.0 36.0#



#47
 1,1,2-Trichloroethane
 Concen: 0.418 ppbv
 RT: 8.899 min Scan# 1958
 Delta R.T. -0.010 min
 Lab File: VL040539.D
 Acq: 14 Jul 2023 23:23

Tgt Ion: 97 Resp: 34174
 Ion Ratio Lower Upper
 97 100
 83 71.9 73.4 110.0#
 85 51.9 46.6 70.0
 99 50.5 50.3 75.5

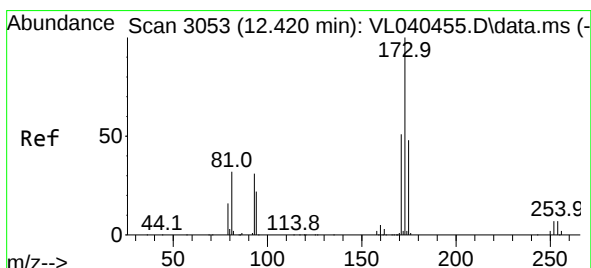
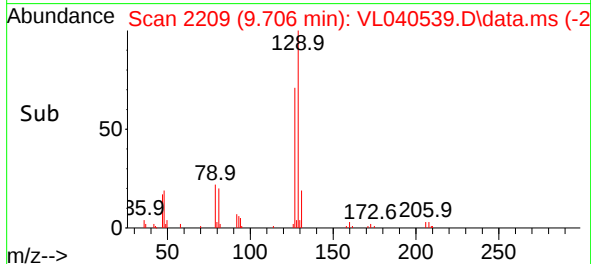
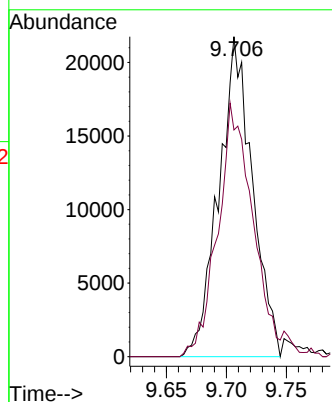
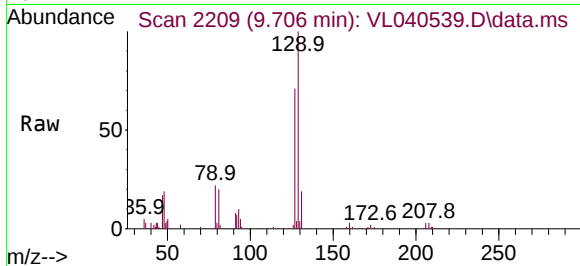




#48
Dibromochloromethane
Concen: 0.336 ppbv
RT: 9.706 min Scan# 21
Delta R.T. -0.016 min
Lab File: VL040539.D
Acq: 14 Jul 2023 23:23

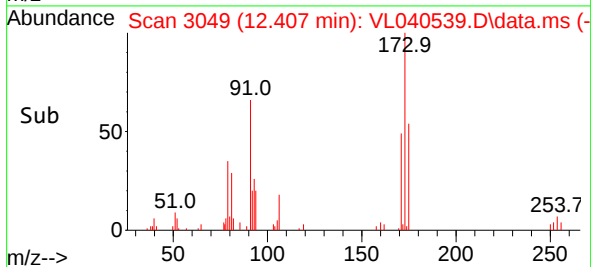
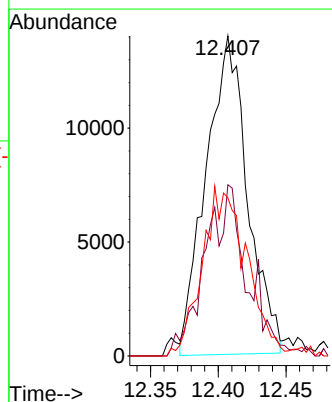
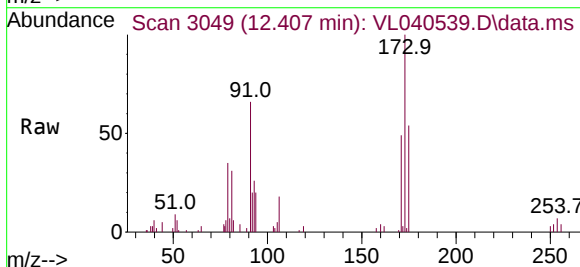
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT3-2023

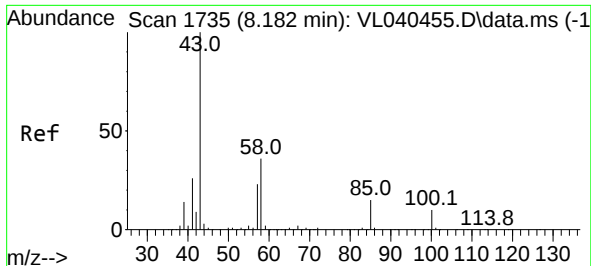
Tgt Ion:129 Resp: 42386
Ion Ratio Lower Upper
129 100
127 85.1 39.1 117.3



#49
Bromoform
Concen: 0.298 ppbv
RT: 12.407 min Scan# 3049
Delta R.T. -0.016 min
Lab File: VL040539.D
Acq: 14 Jul 2023 23:23

Tgt Ion:173 Resp: 29892
Ion Ratio Lower Upper
173 100
175 54.9 39.5 59.3
171 58.1 42.2 63.4

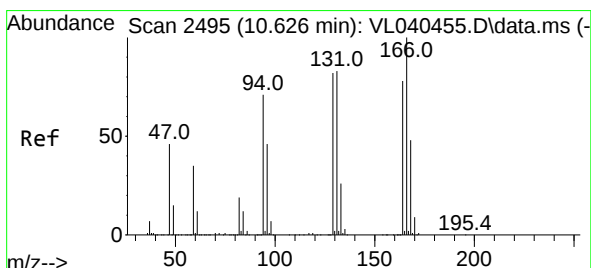
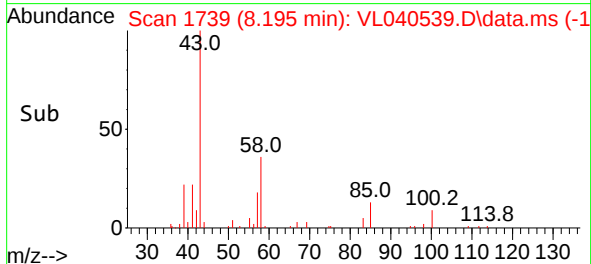
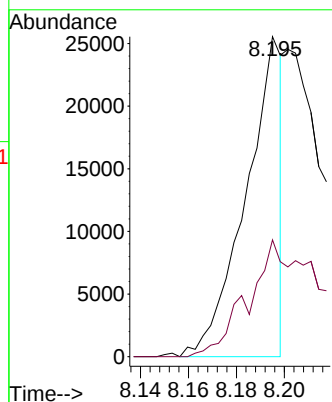
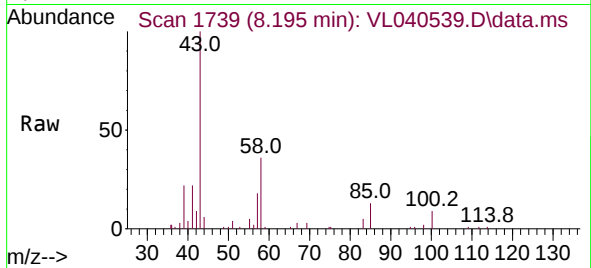




#50
4-Methyl-2-Pentanone
Concen: 0.155 ppbv
RT: 8.195 min Scan# 1739
Delta R.T. 0.003 min
Lab File: VL040539.D
Acq: 14 Jul 2023 23:23

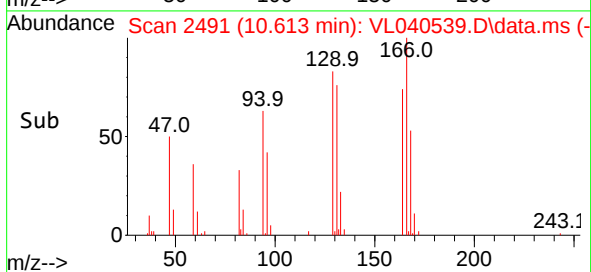
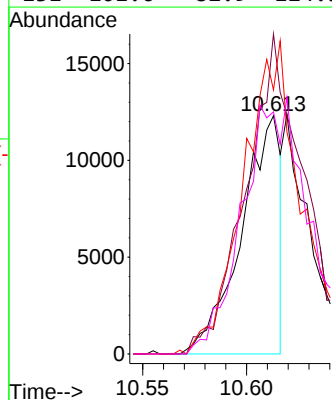
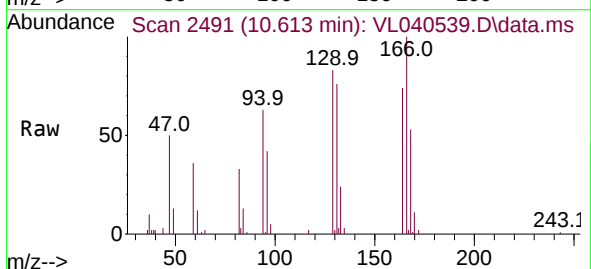
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT3-2023

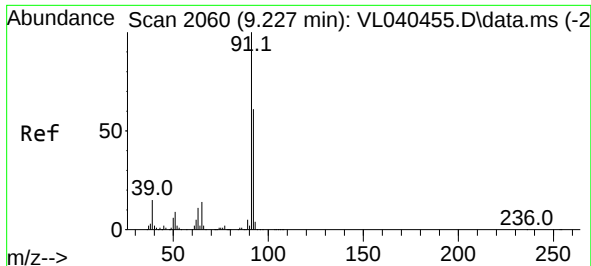
Tgt Ion: 43 Resp: 26621
Ion Ratio Lower Upper
43 100
58 78.4 30.2 45.2#



#52
Tetrachloroethene
Concen: 0.258 ppbv
RT: 10.613 min Scan# 2491
Delta R.T. -0.013 min
Lab File: VL040539.D
Acq: 14 Jul 2023 23:23

Tgt Ion: 164 Resp: 16081
Ion Ratio Lower Upper
164 100
166 134.3 103.9 155.9
129 109.3 84.6 126.8
131 101.6 82.9 124.3

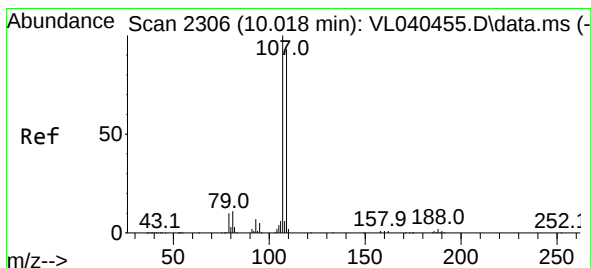
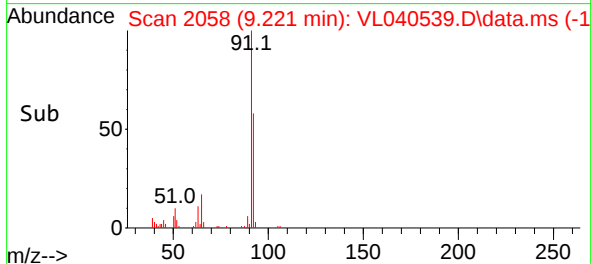
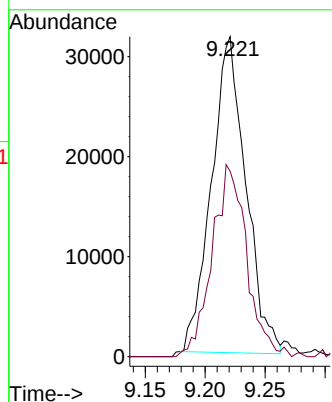
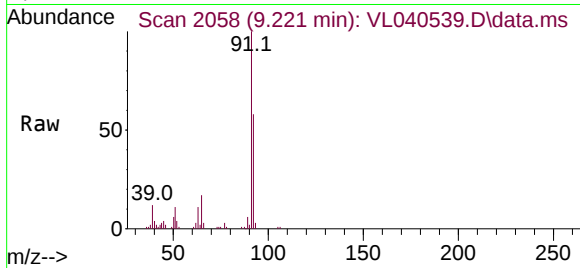




#53
Toluene
Concen: 0.302 ppbv
RT: 9.221 min Scan# 2060
Delta R.T. -0.010 min
Lab File: VL040539.D
Acq: 14 Jul 2023 23:23

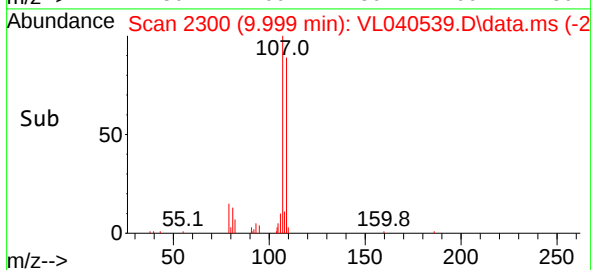
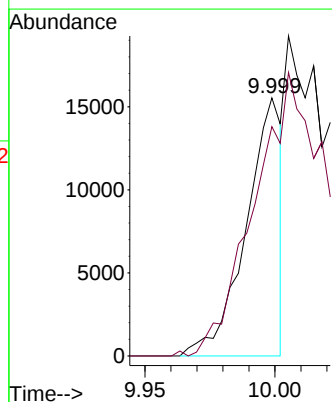
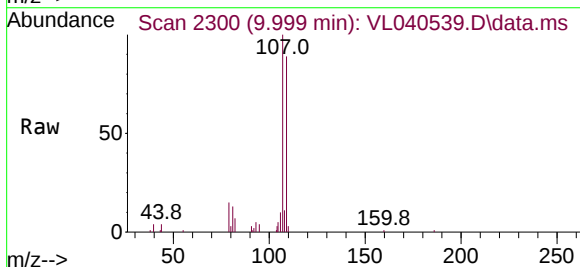
Instrument : MSVOA_1
ClientSampleId : LOD-MDL-AIR-01-QT3-2023

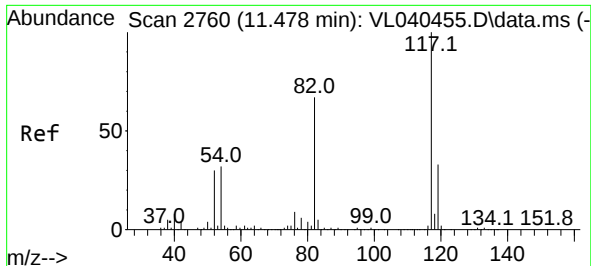
Tgt Ion: 91 Resp: 63160
Ion Ratio Lower Upper
91 100
92 60.9 49.1 73.7



#54
1,2-Dibromoethane
Concen: 0.146 ppbv
RT: 9.999 min Scan# 2300
Delta R.T. -0.022 min
Lab File: VL040539.D
Acq: 14 Jul 2023 23:23

Tgt Ion: 107 Resp: 14786
Ion Ratio Lower Upper
107 100
109 86.9 75.4 113.2

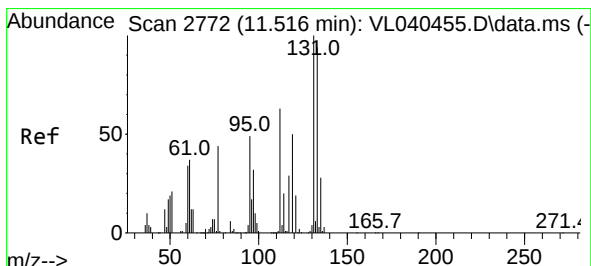
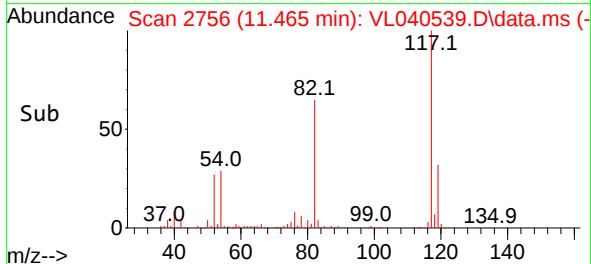
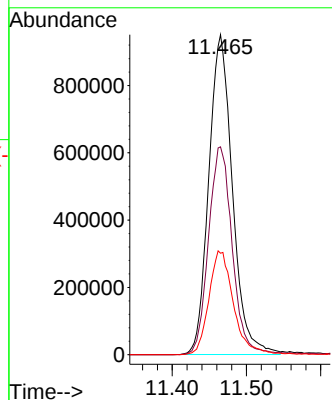
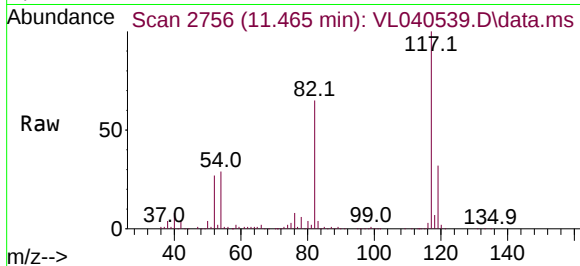




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.465 min Scan# 21
Delta R.T. -0.013 min
Lab File: VL040539.D
Acq: 14 Jul 2023 23:23

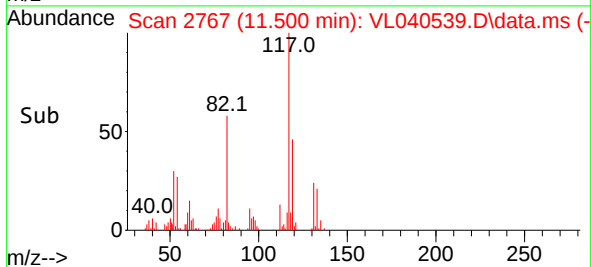
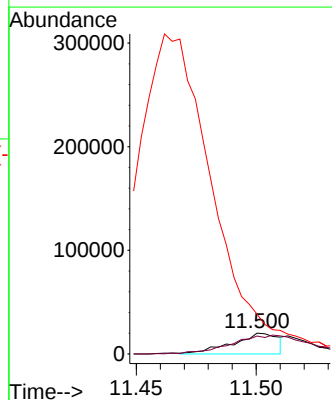
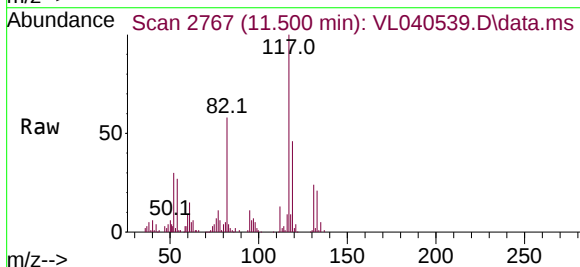
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT3-2023

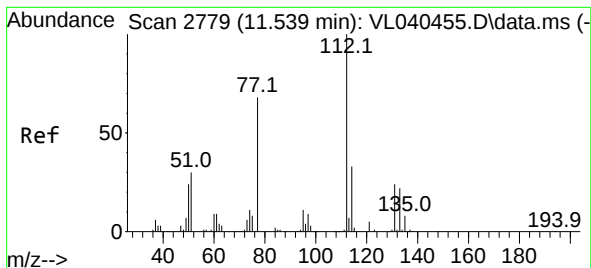
Tgt Ion:117 Resp: 2105319
Ion Ratio Lower Upper
117 100
82 66.0 50.2 75.4
119 34.0 26.9 40.3



#56
1,1,1,2-Tetrachloroethane
Concen: 0.283 ppbv
RT: 11.500 min Scan# 2767
Delta R.T. -0.019 min
Lab File: VL040539.D
Acq: 14 Jul 2023 23:23

Tgt Ion:131 Resp: 26660
Ion Ratio Lower Upper
131 100
133 157.2 76.3 114.5#
119 0.0 51.1 76.7#





#57

Chlorobenzene

Concen: 0.475 ppbv

RT: 11.523 min Scan# 21

Delta R.T. -0.013 min

Lab File: VL040539.D

Acq: 14 Jul 2023 23:23

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT3-2023

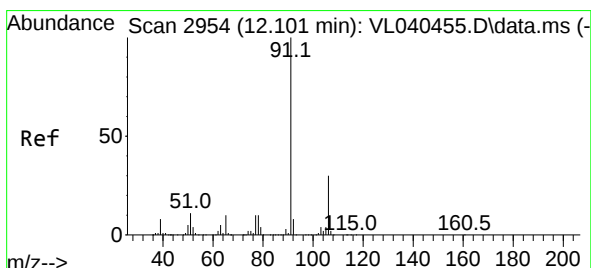
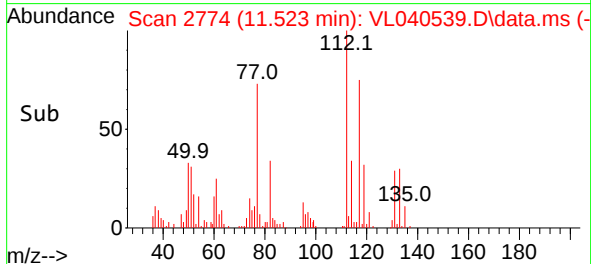
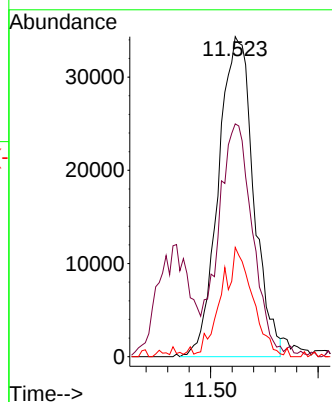
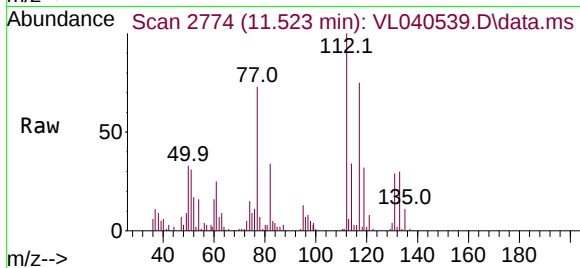
Tgt Ion:112 Resp: 78013

Ion Ratio Lower Upper

112 100

77 70.9 51.0 76.6

114 34.0 28.3 34.5



#58

Ethyl Benzene

Concen: 0.328 ppbv

RT: 12.089 min Scan# 2950

Delta R.T. -0.013 min

Lab File: VL040539.D

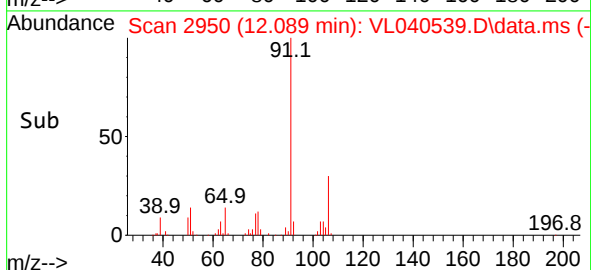
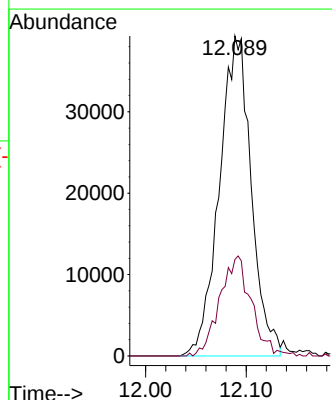
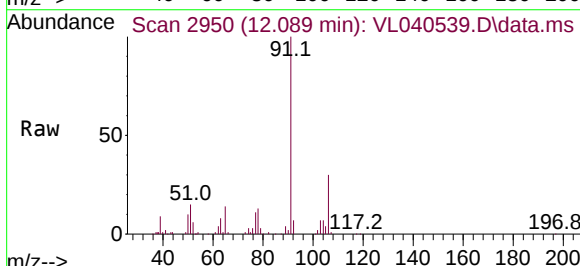
Acq: 14 Jul 2023 23:23

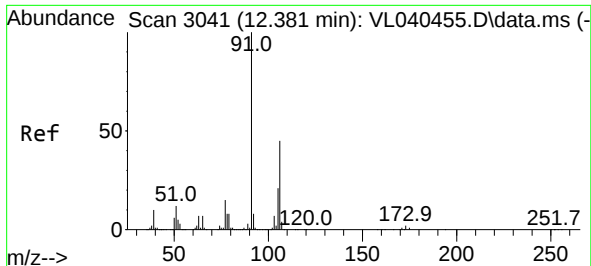
Tgt Ion: 91 Resp: 86639

Ion Ratio Lower Upper

91 100

106 30.2 25.4 38.0





#59

m/p-Xylene

Concen: 0.304 ppbv

RT: 12.368 min Scan# 3041

Delta R.T. -0.016 min

Lab File: VL040539.D

Acq: 14 Jul 2023 23:23

Instrument :

MSVOA_L

ClientSampleId :

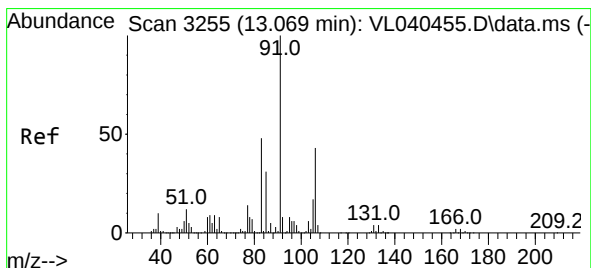
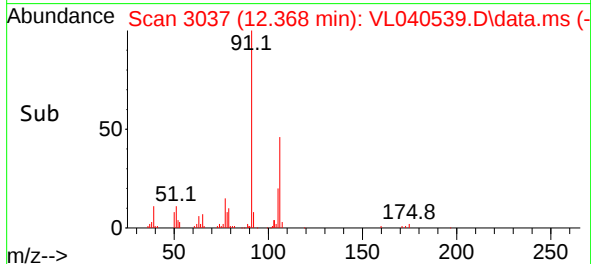
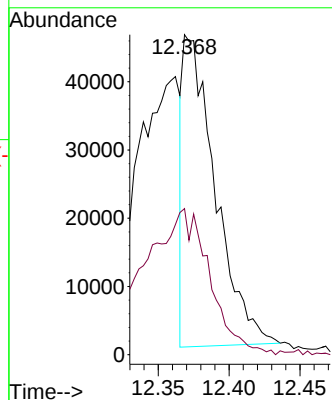
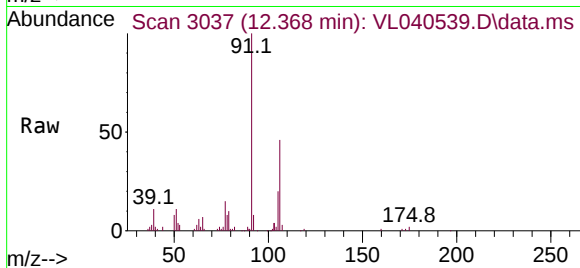
LOD-MDL-AIR-01-QT3-2023

Tgt Ion: 91 Resp: 71776

Ion Ratio Lower Upper

91 100

106 98.2 35.9 53.9#



#60

o-Xylene

Concen: 0.354 ppbv

RT: 13.053 min Scan# 3250

Delta R.T. -0.016 min

Lab File: VL040539.D

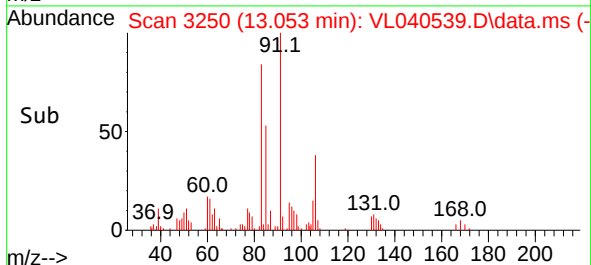
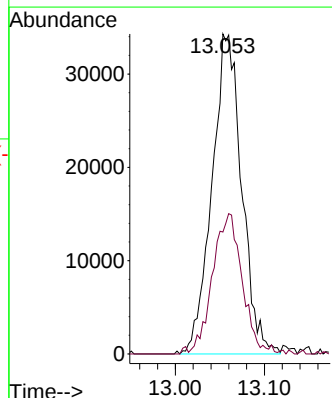
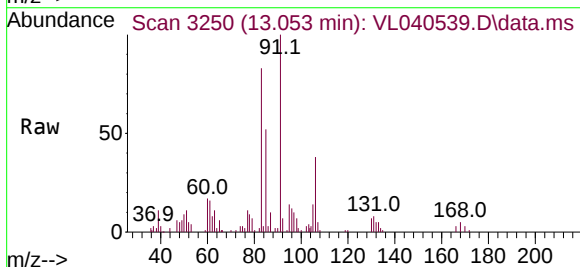
Acq: 14 Jul 2023 23:23

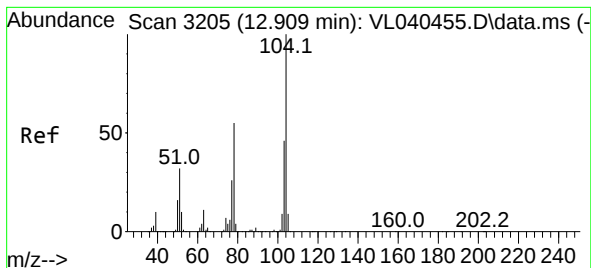
Tgt Ion: 91 Resp: 79560

Ion Ratio Lower Upper

91 100

106 44.0 22.7 68.0





#61

Styrene

Concen: 0.225 ppbv

RT: 12.896 min Scan# 31

Delta R.T. -0.016 min

Lab File: VL040539.D

Acq: 14 Jul 2023 23:23

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT3-2023

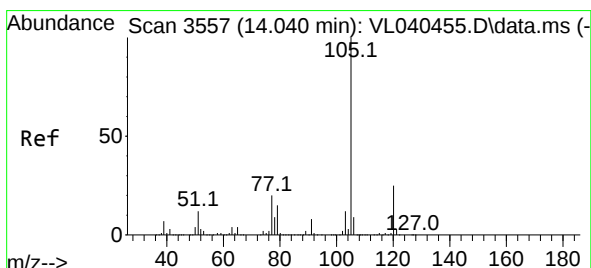
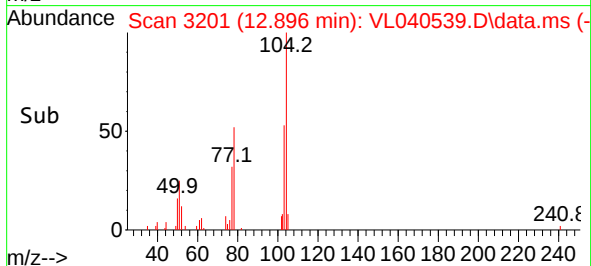
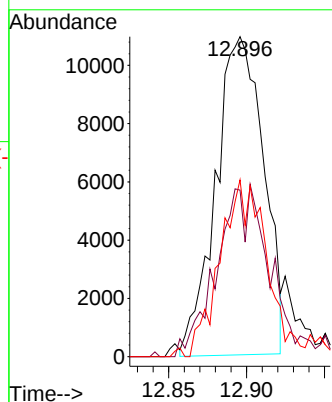
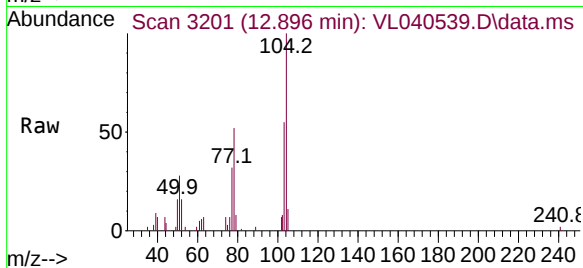
Tgt Ion:104 Resp: 23330

Ion Ratio Lower Upper

104 100

78 61.7 40.1 60.1#

103 56.2 37.0 55.4#



#62

Isopropylbenzene

Concen: 0.387 ppbv

RT: 14.028 min Scan# 3553

Delta R.T. -0.013 min

Lab File: VL040539.D

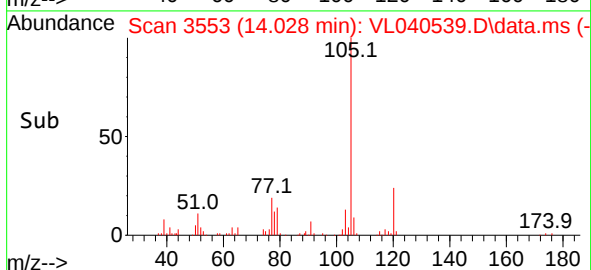
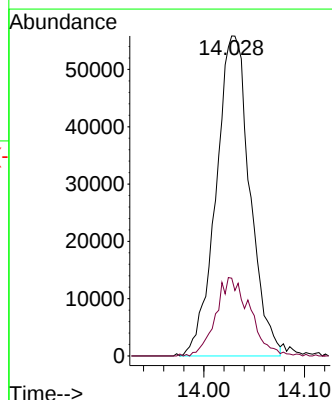
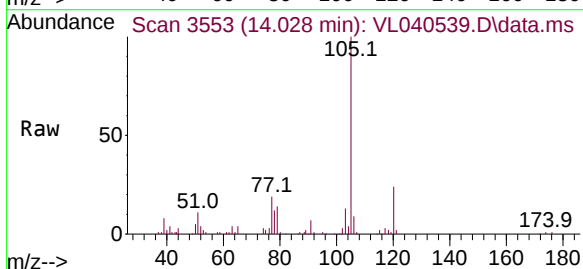
Acq: 14 Jul 2023 23:23

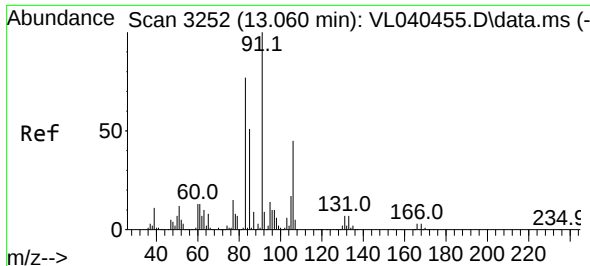
Tgt Ion:105 Resp: 130391

Ion Ratio Lower Upper

105 100

120 24.9 20.8 31.2

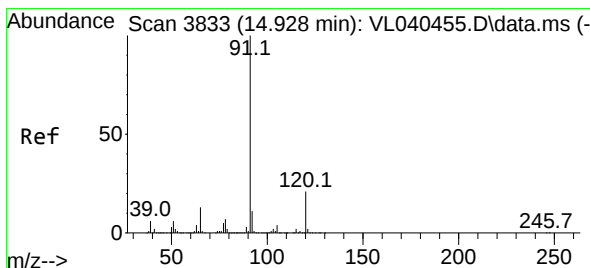
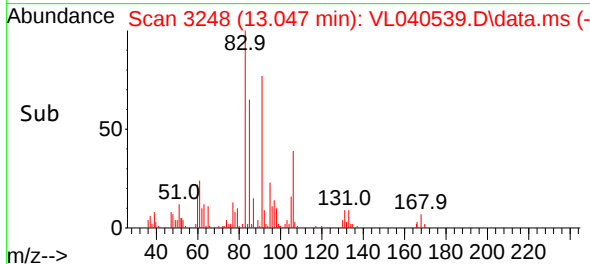
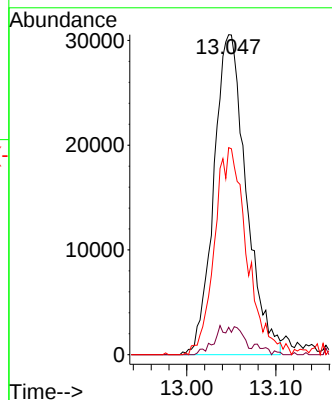
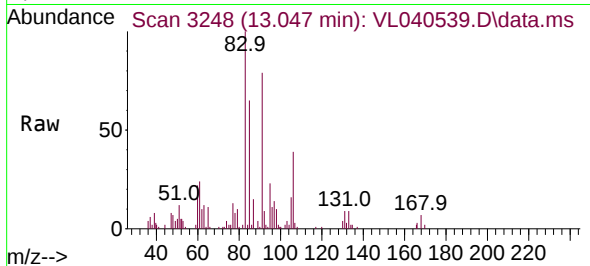




#63
1,1,2,2-Tetrachloroethane
Concen: 0.490 ppbv
RT: 13.047 min Scan# 31
Delta R.T. -0.013 min
Lab File: VL040539.D
Acq: 14 Jul 2023 23:23

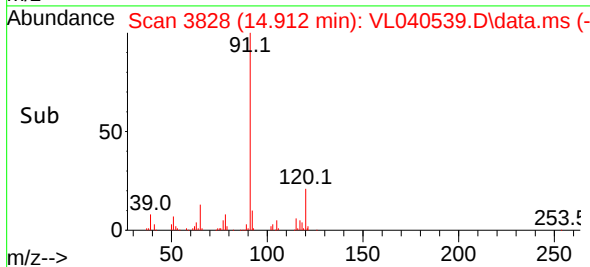
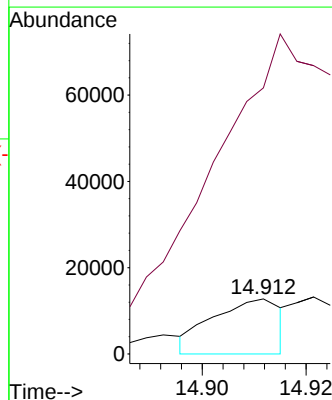
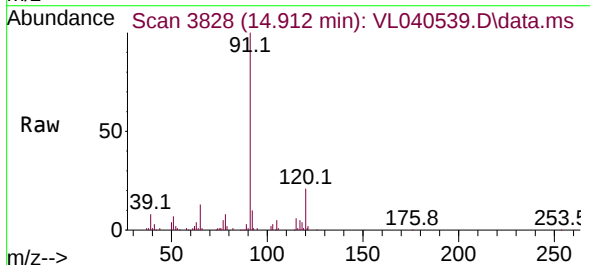
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT3-2023

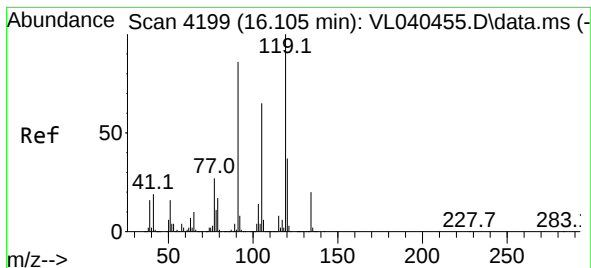
Tgt Ion: 83 Resp: 77070
Ion Ratio Lower Upper
83 100
131 8.9 4.6 13.8
85 64.8 32.8 98.3



#64
n-propylbenzene
Concen: 0.135 ppbv
RT: 14.912 min Scan# 3828
Delta R.T. -0.019 min
Lab File: VL040539.D
Acq: 14 Jul 2023 23:23

Tgt Ion:120 Resp: 11723
Ion Ratio Lower Upper
120 100
91 1403.9 374.3 561.5#

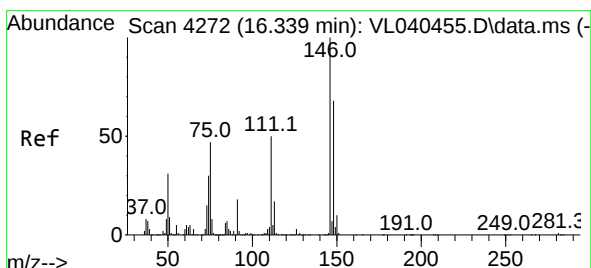
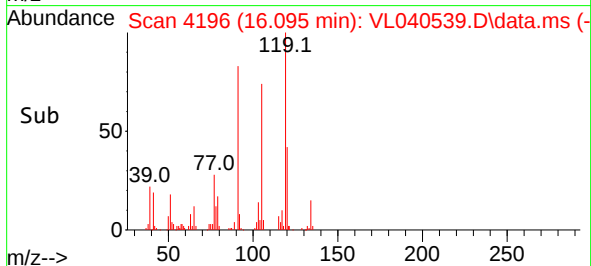
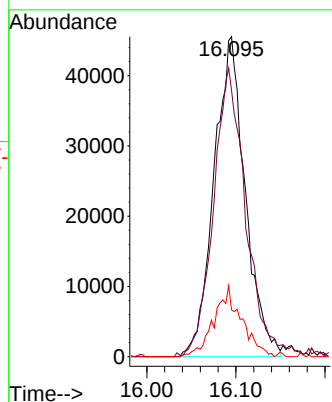
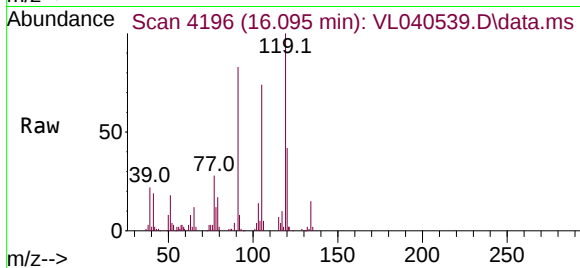




#65
tert-Butylbenzene
Concen: 0.371 ppbv
RT: 16.095 min Scan# 4199
Delta R.T. -0.006 min
Lab File: VL040539.D
Acq: 14 Jul 2023 23:23

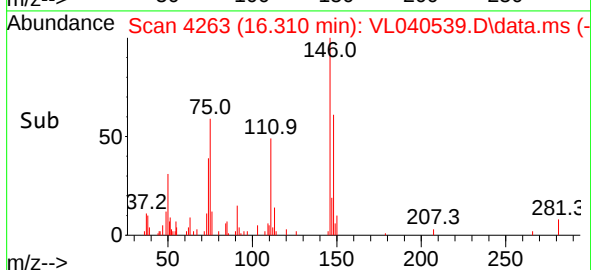
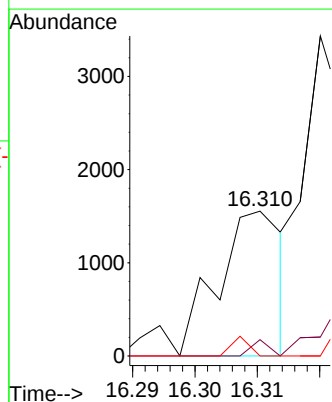
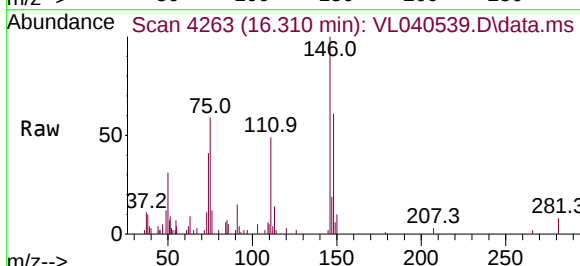
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT3-2023

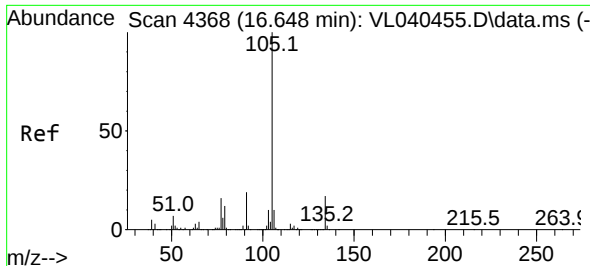
Tgt Ion:119 Resp: 110626
Ion Ratio Lower Upper
119 100
91 94.3 66.1 99.1
134 19.7 15.7 23.5



#66
Benzyl Chloride
Concen: 0.053 ppbv
RT: 16.310 min Scan# 4263
Delta R.T. -0.026 min
Lab File: VL040539.D
Acq: 14 Jul 2023 23:23

Tgt Ion: 91 Resp: 1121
Ion Ratio Lower Upper
91 100
126 0.0 15.4 23.2#
128 0.0 4.5 6.7#





#67

sec-Butylbenzene

Concen: 0.384 ppbv

RT: 16.635 min Scan# 41

Delta R.T. -0.013 min

Lab File: VL040539.D

Acq: 14 Jul 2023 23:23

Instrument :

MSVOA_L

ClientSampleId :

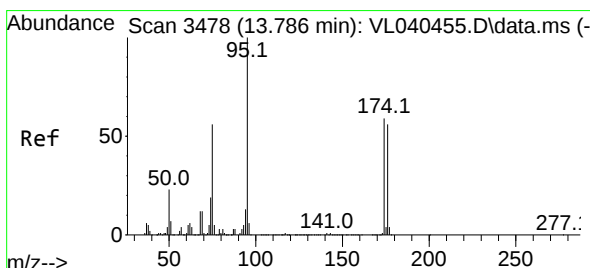
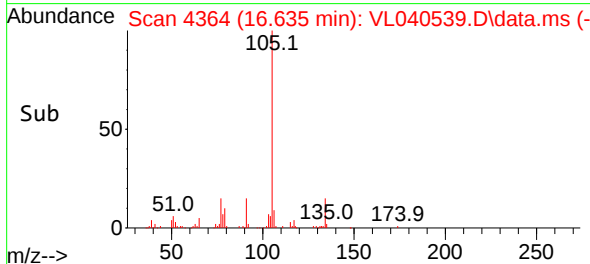
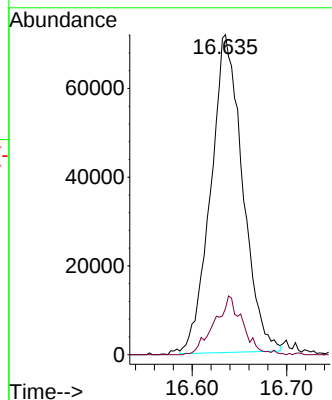
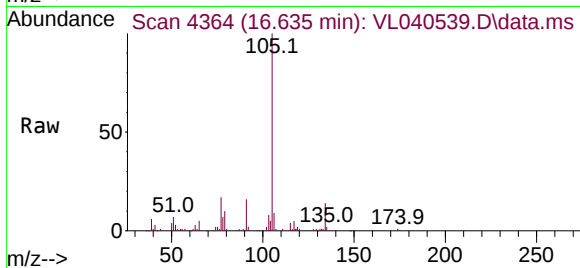
LOD-MDL-AIR-01-QT3-2023

Tgt Ion:105 Resp: 167977

Ion Ratio Lower Upper

105 100

134 16.6 14.4 21.6



#68

1-Bromo-4-Fluorobenzene

Concen: 10.261 ppbv

RT: 13.777 min Scan# 3475

Delta R.T. -0.006 min

Lab File: VL040539.D

Acq: 14 Jul 2023 23:23

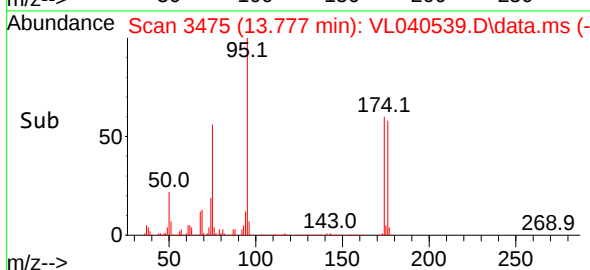
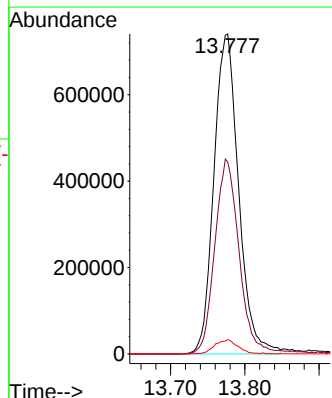
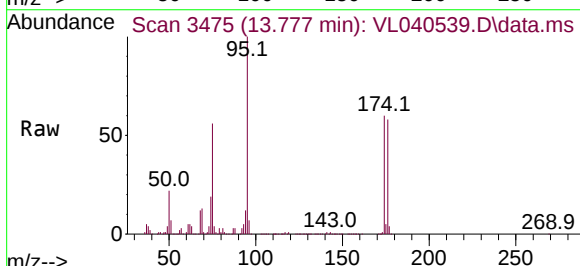
Tgt Ion: 95 Resp: 1709648

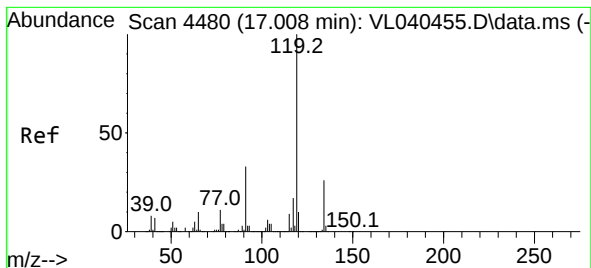
Ion Ratio Lower Upper

95 100

174 61.0 50.6 75.8

175 4.3 3.7 5.5





#69

p-Isopropyltoluene

Concen: 0.199 ppbv

RT: 16.999 min Scan# 4480

Delta R.T. -0.006 min

Lab File: VL040539.D

Acq: 14 Jul 2023 23:23

Instrument :

MSVOA_1

ClientSampleId :

LOD-MDL-AIR-01-QT3-2023

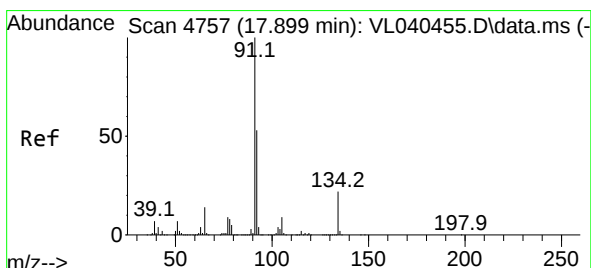
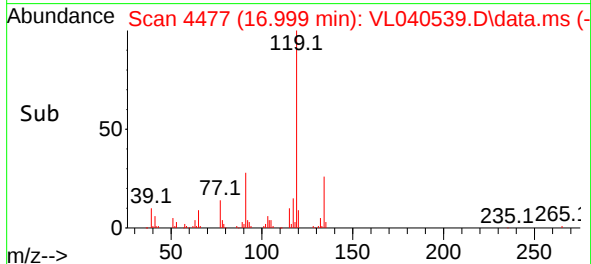
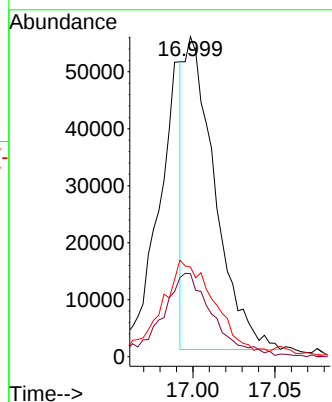
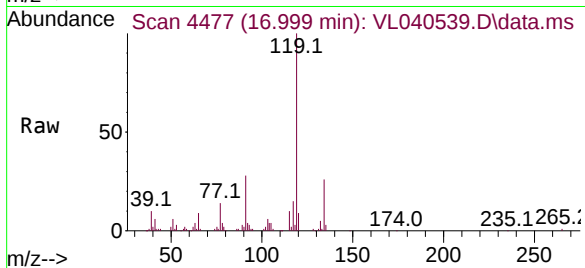
Tgt Ion:119 Resp: 72006

Ion Ratio Lower Upper

119 100

134 44.2 20.5 30.7#

91 58.1 23.8 35.8#



#70

n-Butylbenzene

Concen: 0.351 ppbv

RT: 17.892 min Scan# 4755

Delta R.T. -0.003 min

Lab File: VL040539.D

Acq: 14 Jul 2023 23:23

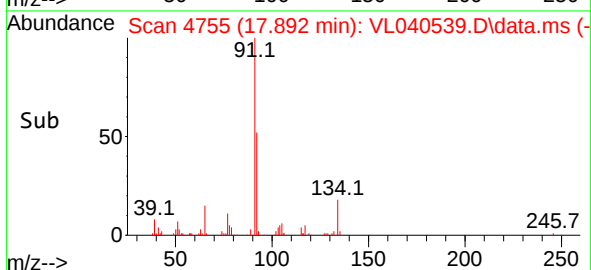
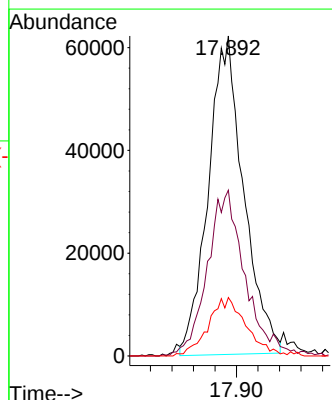
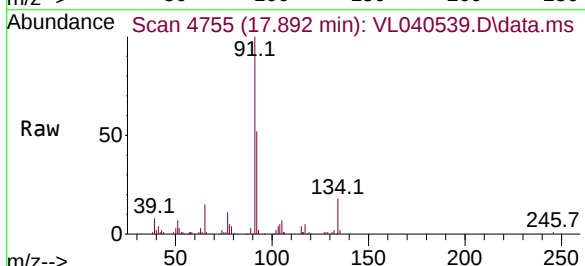
Tgt Ion: 91 Resp: 141478

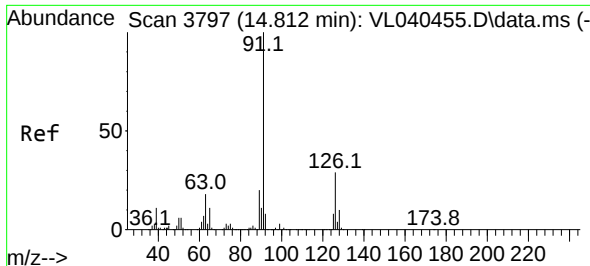
Ion Ratio Lower Upper

91 100

92 55.5 43.4 65.0

134 19.9 18.1 27.1

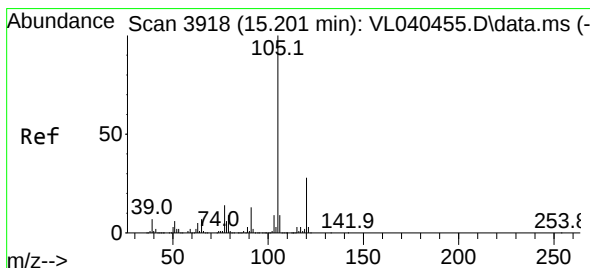
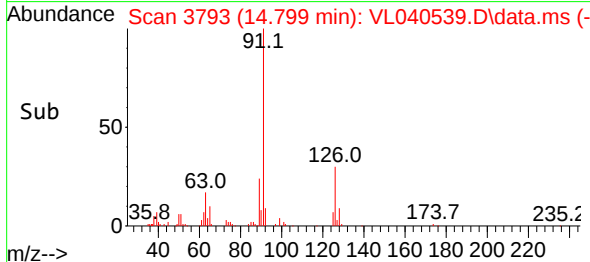
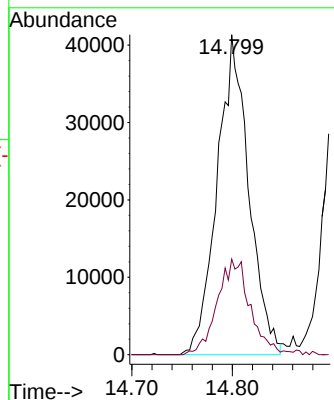
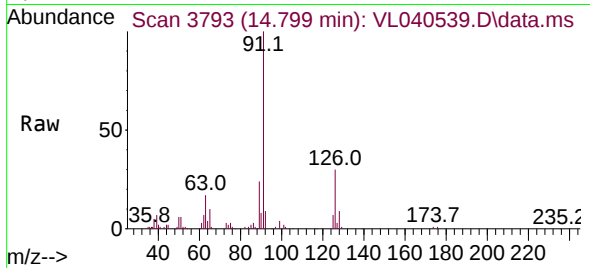




#71
2-Chlorotoluene
Concen: 0.348 ppbv
RT: 14.799 min Scan# 31
Delta R.T. -0.013 min
Lab File: VL040539.D
Acq: 14 Jul 2023 23:23

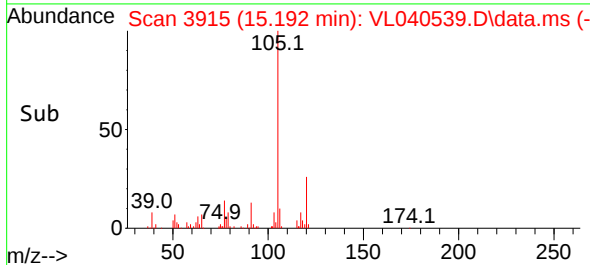
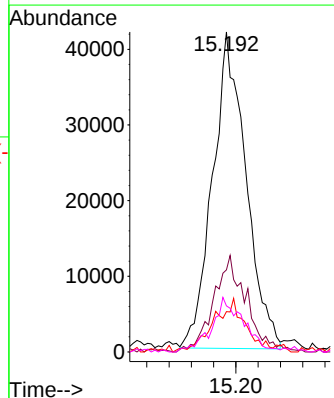
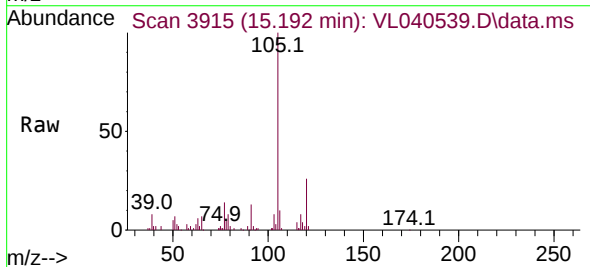
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT3-2023

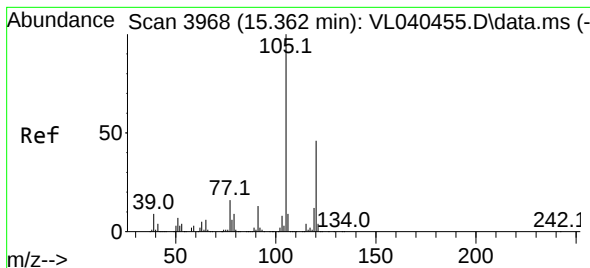
Tgt Ion: 91 Resp: 90330
Ion Ratio Lower Upper
91 100
126 31.4 12.4 49.8



#72
4-Ethyltoluene
Concen: 0.330 ppbv
RT: 15.192 min Scan# 3915
Delta R.T. -0.013 min
Lab File: VL040539.D
Acq: 14 Jul 2023 23:23

Tgt Ion: 105 Resp: 86959
Ion Ratio Lower Upper
105 100
120 30.6 24.6 37.0
91 17.3 10.7 16.1#
77 17.1 11.0 16.6#





#73

1,3,5-Trimethylbenzene

Concen: 0.154 ppbv

RT: 15.346 min Scan# 3963

Delta R.T. -0.016 min

Lab File: VL040539.D

Acq: 14 Jul 2023 23:23

Instrument :

MSVOA_1

ClientSampleId :

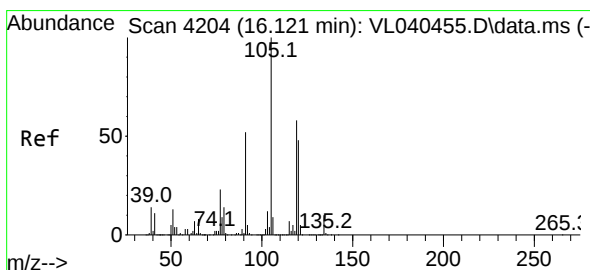
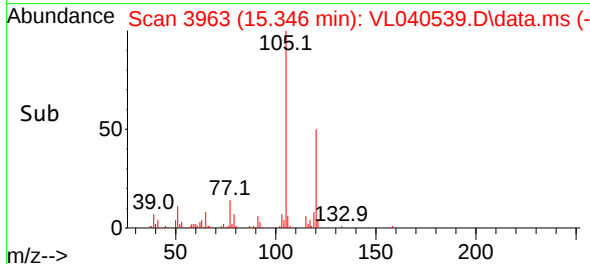
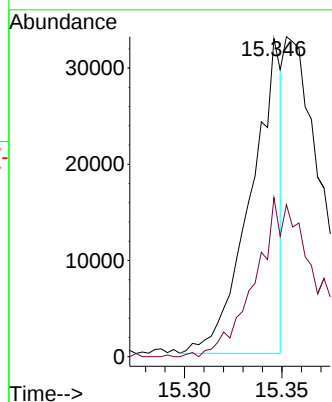
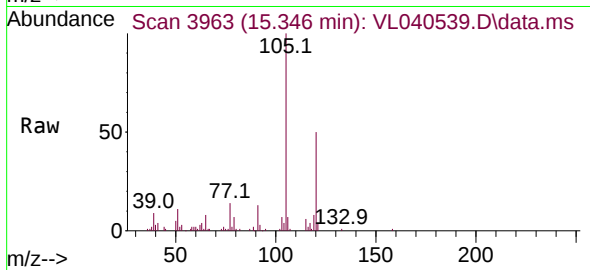
LOD-MDL-AIR-01-QT3-2023

Tgt Ion:105 Resp: 35828

Ion Ratio Lower Upper

105 100

120 50.6 38.2 57.2



#74

1,2,4-Trimethylbenzene

Concen: 0.394 ppbv

RT: 16.105 min Scan# 4199

Delta R.T. -0.013 min

Lab File: VL040539.D

Acq: 14 Jul 2023 23:23

Tgt Ion:105 Resp: 106624

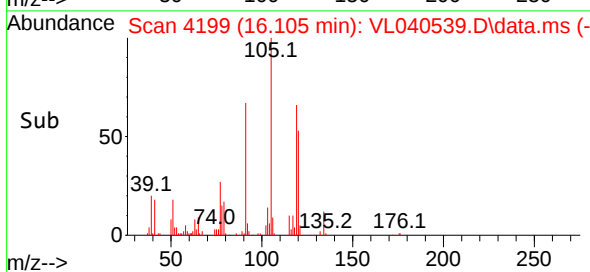
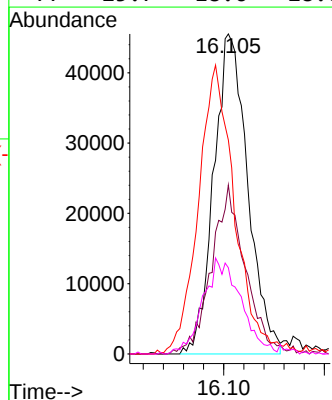
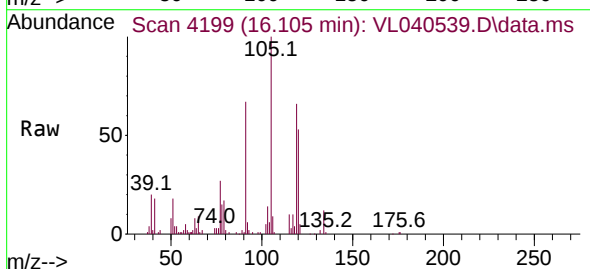
Ion Ratio Lower Upper

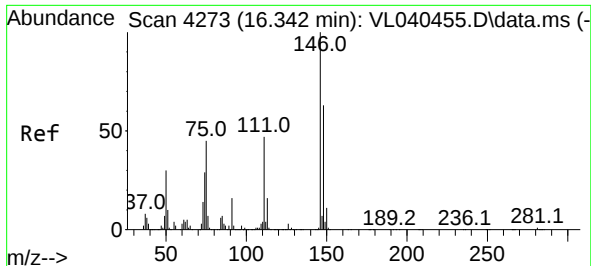
105 100

120 50.9 40.3 60.5

91 64.1 46.8 70.2

77 25.7 18.6 28.0

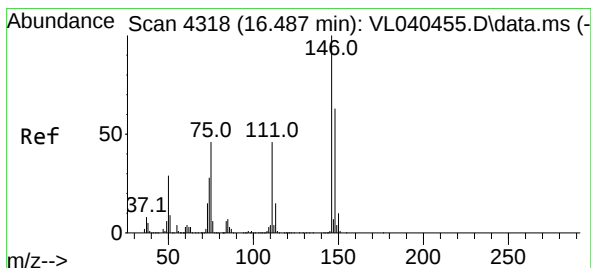
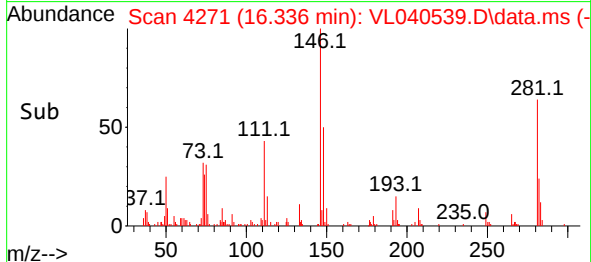
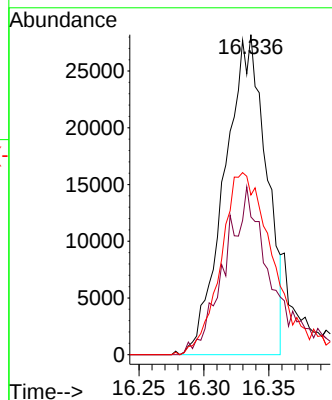
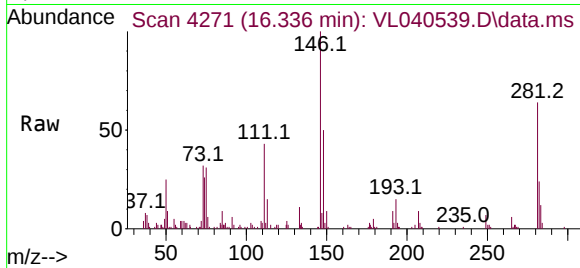




#75
1,3-Dichlorobenzene
Concen: 0.384 ppbv
RT: 16.336 min Scan# 413
Delta R.T. -0.006 min
Lab File: VL040539.D
Acq: 14 Jul 2023 23:23

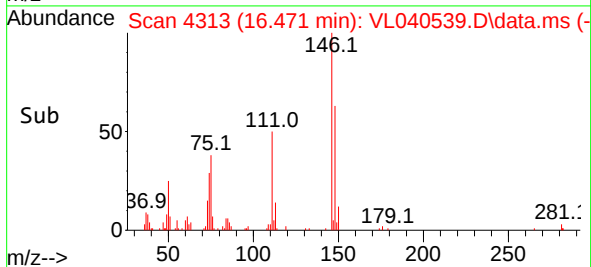
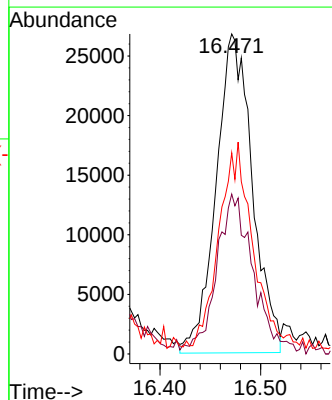
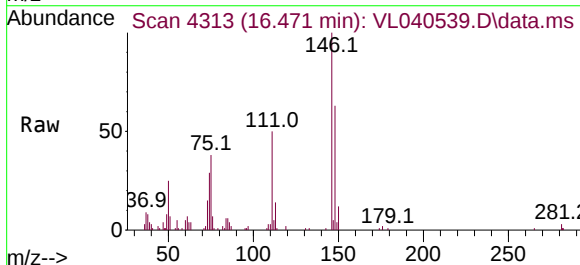
Instrument :
MSVOA_1
ClientSampleId :
LOD-MDL-AIR-01-QT3-2023

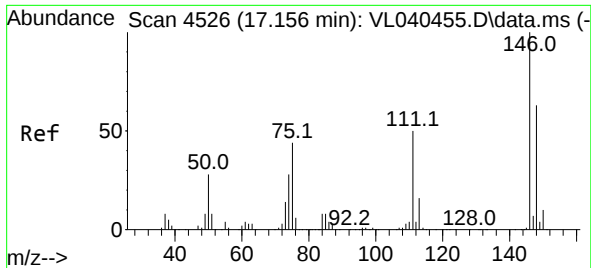
Tgt Ion:146 Resp: 63031
Ion Ratio Lower Upper
146 100
111 60.1 23.6 71.0
148 71.4 32.2 96.6



#76
1,4-Dichlorobenzene
Concen: 0.417 ppbv
RT: 16.471 min Scan# 4313
Delta R.T. -0.016 min
Lab File: VL040539.D
Acq: 14 Jul 2023 23:23

Tgt Ion:146 Resp: 67112
Ion Ratio Lower Upper
146 100
111 53.2 22.8 68.3
148 67.7 32.6 97.8

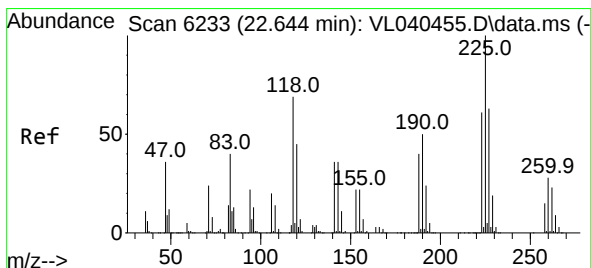
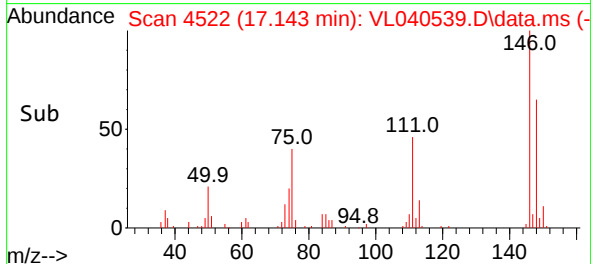
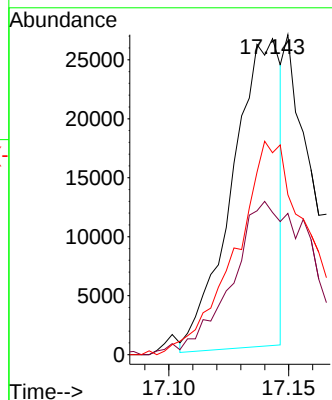
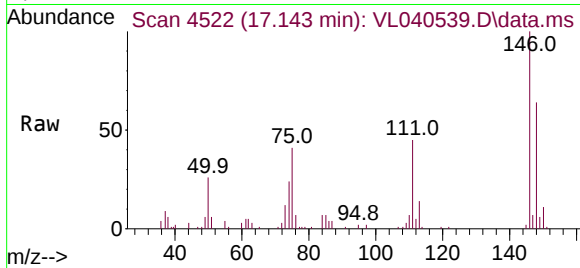




#77
1,2-Dichlorobenzene
Concen: 0.234 ppbv
RT: 17.143 min Scan# 41
Delta R.T. -0.010 min
Lab File: VL040539.D
Acq: 14 Jul 2023 23:23

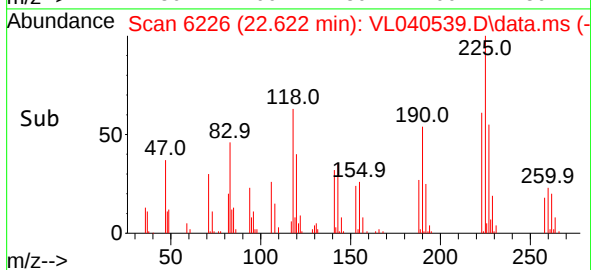
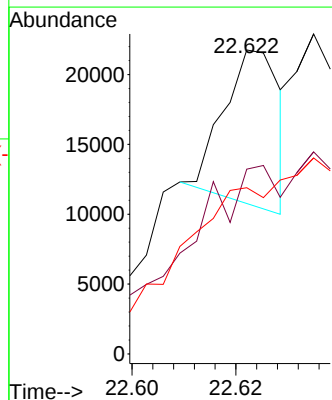
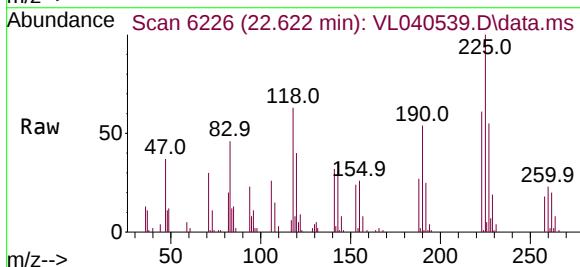
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT3-2023

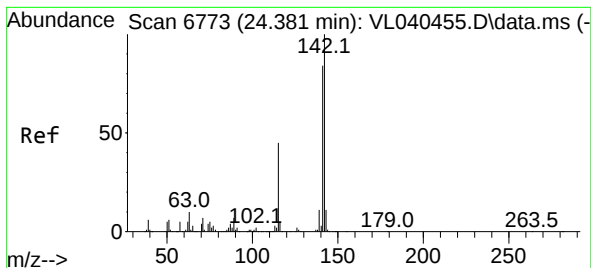
Tgt Ion:146 Resp: 36635
Ion Ratio Lower Upper
146 100
111 93.1 24.3 72.8#
148 118.8 32.1 96.3#



#78
Hexachloro-1,3-Butadiene
Concen: 0.055 ppbv
RT: 22.622 min Scan# 6226
Delta R.T. -0.026 min
Lab File: VL040539.D
Acq: 14 Jul 2023 23:23

Tgt Ion:225 Resp: 8117
Ion Ratio Lower Upper
225 100
223 0.0 50.3 75.5#
227 0.0 51.0 76.6#





#80

Naphthalene, 2-methyl-

Concen: 0.059 ppbv

RT: 24.368 min Scan# 61

Delta R.T. -0.010 min

Lab File: VL040539.D

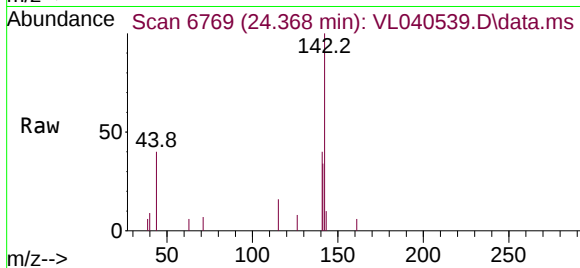
Acq: 14 Jul 2023 23:23

Instrument :

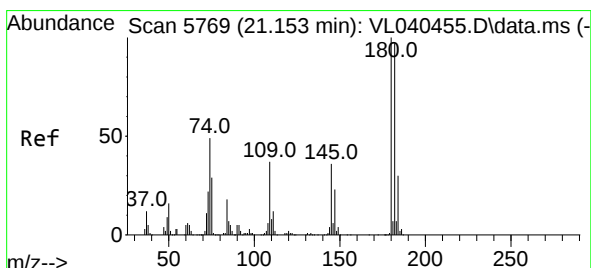
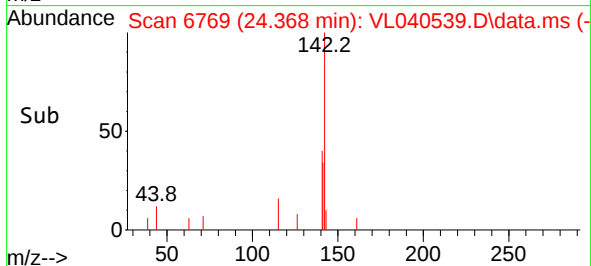
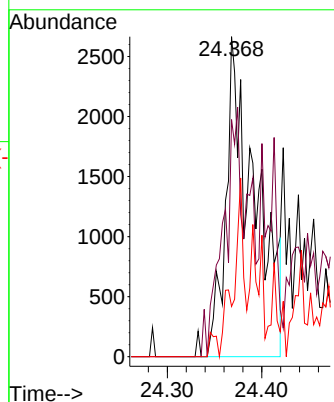
MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT3-2023



Tgt Ion:	142	Resp:	5601
Ion Ratio	Lower	Upper	
142	100		
141	48.6	66.7	100.1#
115	41.5	33.0	49.6



#81

1,2,4-Trichlorobenzene

Concen: 0.116 ppbv

RT: 21.133 min Scan# 5763

Delta R.T. -0.016 min

Lab File: VL040539.D

Acq: 14 Jul 2023 23:23

Tgt Ion:	180	Resp:	18328
Ion Ratio	Lower	Upper	
180	100		
182	0.0	77.5	116.3#
184	0.0	24.5	36.7#

