

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL041023\
 Data File : VL040329.D
 Acq On : 10 Apr 2023 17:39
 Operator : SY/MD
 Sample : 02213-13 LOD 0.40
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 LOD-MDL-AIR-01-QT2-2023

Quant Time: Apr 11 02:08:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL031523AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Wed Mar 15 16:14:43 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.163	49	886750	10.000	ppbv	-0.03
33) 1,4-Difluorobenzene	6.626	114	2281772	10.000	ppbv	-0.03
55) Chlorobenzene-d5	11.442	117	2048195	10.000	ppbv	-0.04

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.757	95	1772139	10.332	ppbv	-0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.300%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.700	85	88984	0.511	ppbv	97
3) Chlorodifluoromethane	2.645	51	50695	0.455	ppbv	98
4) Chloromethane	2.787	50	32138	0.467	ppbv	93
5) Vinyl Chloride	2.893	62	24563	0.441	ppbv	95
6) Bromomethane	3.095	94	8451	0.437	ppbv	94
7) Chloroethane	3.169	64	8510	0.398	ppbv	98
8) Dichlorotetrafluoroethane	2.825	85	68476	0.460	ppbv	96
9) Propene	2.664	41	17944	0.420	ppbv	90
10) Heptane	7.552	43	20460	0.199	ppbv #	44
11) Trichlorofluoromethane	3.533	101	70475	0.447	ppbv	88
12) 1,1,2-Trichlorotrifluo...	4.037	101	50030	0.423	ppbv	95
13) Ethanol	3.217	45	434	0.139	ppbv #	37
14) Bromoethene	3.340	108	17886	0.405	ppbv #	82
15) Acetone	3.455	43	62578	0.580	ppbv #	88
16) 1,3-Butadiene	2.954	39	18534	0.378	ppbv	91
17) tert-Butyl alcohol	3.870	59	47508	0.463	ppbv	99
18) 1,1-Dichloroethene	3.851	96	22444	0.442	ppbv	81
19) Isopropyl Alcohol	3.565	45	24235	0.469	ppbv #	86
20) Methylene Chloride	3.906	84	21230	0.467	ppbv	86
21) Allyl Chloride	3.970	41	26923	0.385	ppbv	87
22) trans-1,2-Dichloroethene	4.420	96	19358	0.374	ppbv #	81
23) Vinyl Acetate	4.603	43	7462	0.248	ppbv #	86
24) 1,1-Dichloroethane	4.533	63	46092	0.430	ppbv	96
25) Ethyl Acetate	5.188	43	79526	0.393	ppbv #	97
26) Hexane	5.185	57	30702	0.370	ppbv #	81
27) Carbon Disulfide	4.098	76	39293	0.339	ppbv	98
28) Methyl tert-Butyl Ether	4.565	73	38744	0.407	ppbv	100
29) Chloroform	5.246	83	63631	0.434	ppbv	97
30) Cyclohexane	6.571	84	5067	0.078	ppbv #	1
31) cis-1,2-Dichloroethene	5.057	61	31077	0.385	ppbv #	84
32) 1,1,1-Trichloroethane	5.973	97	38638	0.275	ppbv #	50
34) 2-Butanone	4.774	43	50694	0.450	ppbv	96
35) Carbon Tetrachloride	6.465	117	49996	0.349	ppbv	91
36) Benzene	6.343	78	63818	0.367	ppbv #	91
37) 1,2-Dichloroethane	5.783	62	20525	0.181	ppbv #	84
38) Trichloroethene	7.266	130	35810	0.377	ppbv	94
39) 1,2-Dichloropropane	7.050	63	10101	0.148	ppbv	96
40) 1,4-Dioxane	7.282	88	1143	0.042	ppbv #	1
41) Tetrahydrofuran	5.555	42	19808	0.305	ppbv	98
42) Bromodichloromethane	7.224	83	58982	0.381	ppbv	100
43) Methyl Methacrylate	7.458	69	19942	0.309	ppbv	99
44) 2,2,4-Trimethylpentane	7.301	57	101315	0.349	ppbv #	87
45) t-1,3-Dichloropropene	8.680	75	6376	0.113	ppbv	92

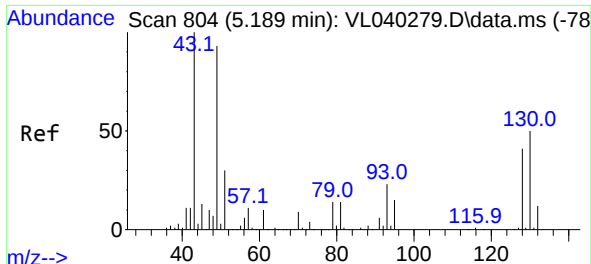
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL041023\
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Quant Time: Apr 11 02:08:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL031523AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Wed Mar 15 16:14:43 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.121	75	23439	0.293	ppbv	97
47) 1,1,2-Trichloroethane	8.883	97	10409	0.143	ppbv	96
48) Dibromochloromethane	9.683	129	28539	0.238	ppbv	56
50) 4-Methyl-2-Pentanone	8.172	43	25441	0.146	ppbv #	38
51) 2-Hexanone	9.552	43	23710	0.176	ppbv #	75
52) Tetrachloroethene	10.593	164	20016	0.380	ppbv	90
53) Toluene	9.198	91	32047	0.176	ppbv #	21
54) 1,2-Dibromoethane	9.986	107	27983	0.373	ppbv	83
56) 1,1,1,2-Tetrachloroethane	11.478	131	15739	0.183	ppbv #	9
57) Chlorobenzene	11.503	112	33207	0.228	ppbv	97
58) Ethyl Benzene	12.069	91	56274	0.241	ppbv	90
59) m/p-Xylene	12.342	91	28300	0.132	ppbv #	33
60) o-Xylene	13.037	91	62859	0.308	ppbv	100
61) Styrene	12.873	104	15585	0.150	ppbv #	27
62) Isopropylbenzene	14.008	105	60898	0.209	ppbv #	50
63) 1,1,2,2-Tetrachloroethane	13.027	83	32427	0.451	ppbv	94
64) n-propylbenzene	14.889	120	8876	0.125	ppbv #	1
65) tert-Butylbenzene	16.066	119	30902	0.123	ppbv #	1
66) Benzyl Chloride	16.310	91	1243	0.076	ppbv #	69
67) sec-Butylbenzene	16.612	105	50174	0.140	ppbv #	60
69) p-Isopropyltoluene	16.979	119	88052	0.315	ppbv	95
70) n-Butylbenzene	17.870	91	63438	0.206	ppbv #	68
71) 2-Chlorotoluene	14.783	91	71377	0.322	ppbv	96
72) 4-Ethyltoluene	15.175	105	43811	0.196	ppbv #	65
73) 1,3,5-Trimethylbenzene	15.330	105	29602	0.146	ppbv	93
74) 1,2,4-Trimethylbenzene	16.092	105	79357	0.344	ppbv	93
76) 1,4-Dichlorobenzene	16.452	146	21221	0.178	ppbv #	15
77) 1,2-Dichlorobenzene	17.117	146	19304	0.161	ppbv #	22
79) Naphthalene	21.390	128	7579	0.056	ppbv	97
80) Naphthalene,2-methyl-	24.406	142	3219	0.093	ppbv #	48

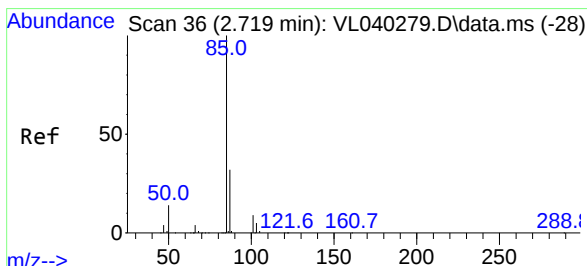
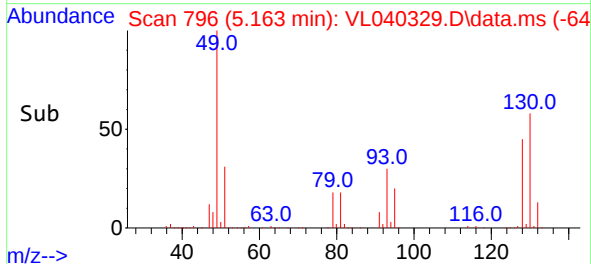
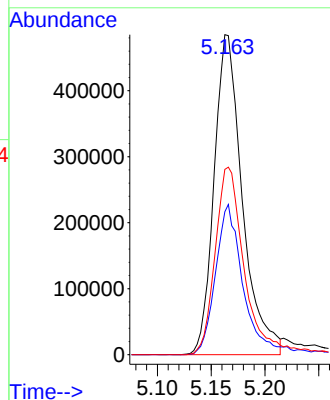
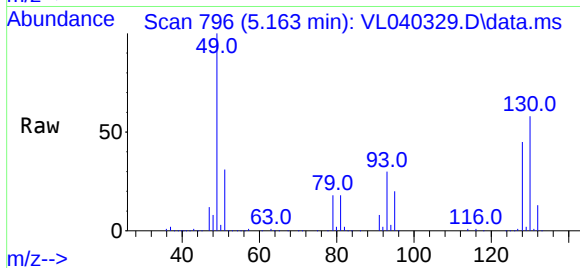
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.163 min Scan# 79
Delta R.T. -0.026 min
Lab File: VL040329.D
Acq: 10 Apr 2023 17:39

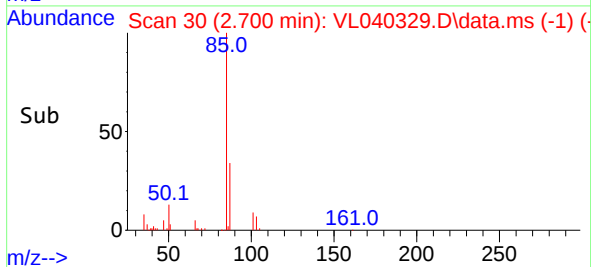
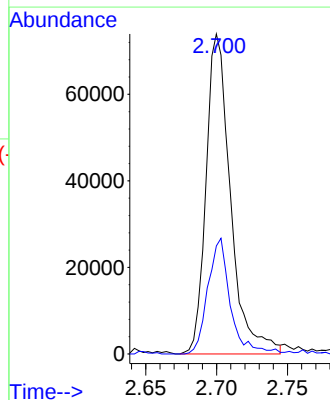
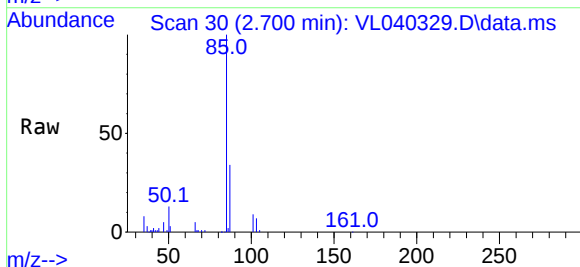
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2023

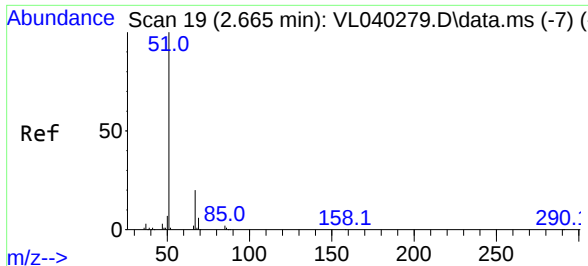
Tgt Ion: 49 Resp: 886750
Ion Ratio Lower Upper
49 100
128 47.6 22.4 67.3
130 63.1 28.7 86.1



#2
Dichlorodifluoromethane
Concen: 0.511 ppbv
RT: 2.700 min Scan# 30
Delta R.T. -0.019 min
Lab File: VL040329.D
Acq: 10 Apr 2023 17:39

Tgt Ion: 85 Resp: 88984
Ion Ratio Lower Upper
85 100
87 33.7 25.5 38.3

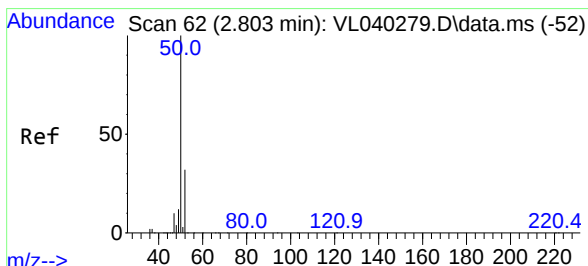
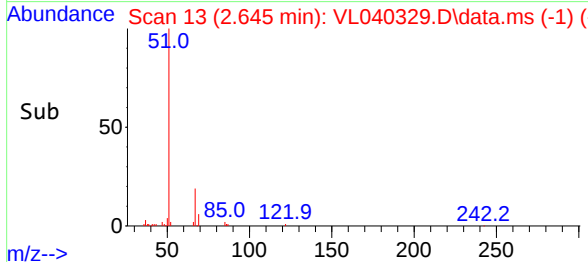
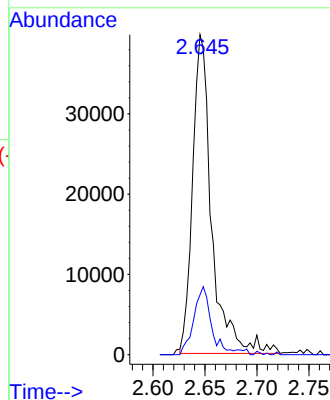
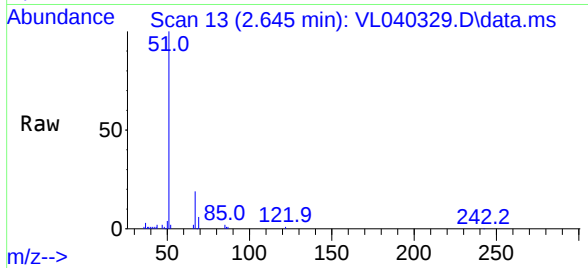




#3
Chlorodifluoromethane
Concen: 0.455 ppbv
RT: 2.645 min Scan# 11
Delta R.T. -0.020 min
Lab File: VL040329.D
Acq: 10 Apr 2023 17:39

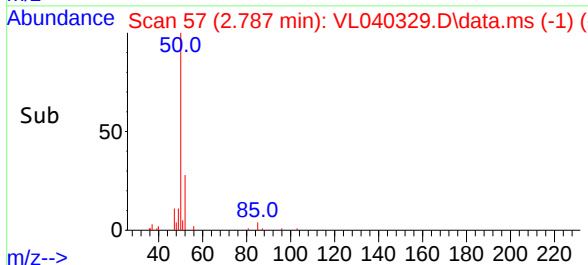
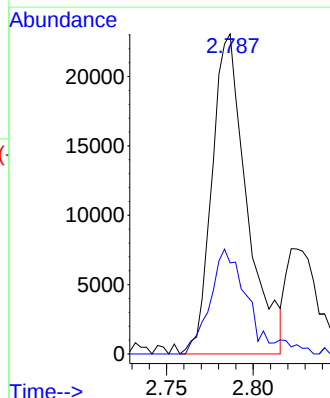
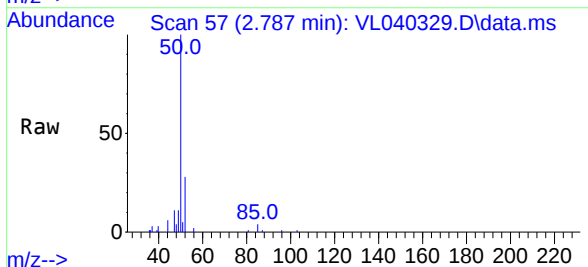
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2023

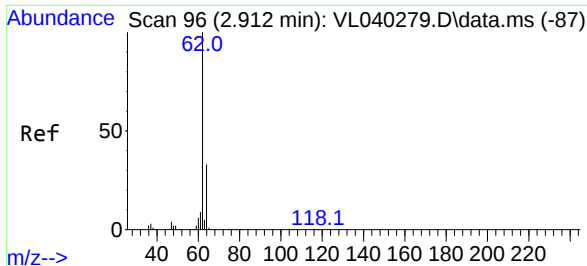
Tgt Ion: 51 Resp: 50695
Ion Ratio Lower Upper
51 100
67 20.9 16.0 24.0



#4
Chloromethane
Concen: 0.467 ppbv
RT: 2.787 min Scan# 57
Delta R.T. -0.016 min
Lab File: VL040329.D
Acq: 10 Apr 2023 17:39

Tgt Ion: 50 Resp: 32138
Ion Ratio Lower Upper
50 100
52 28.4 25.9 38.9

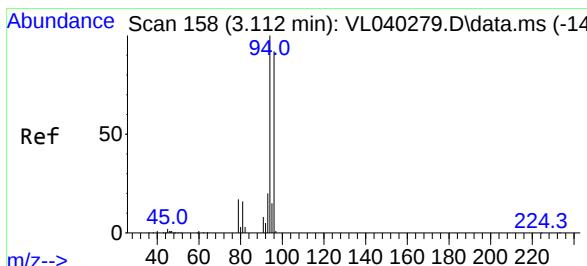
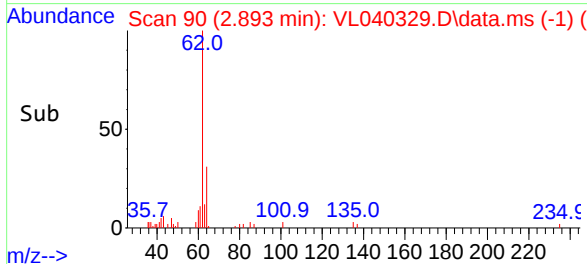
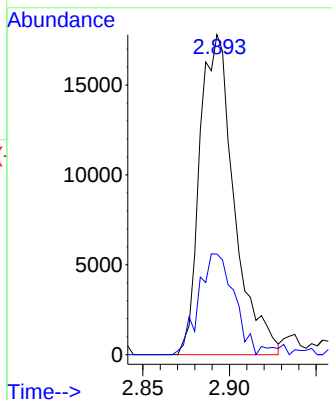
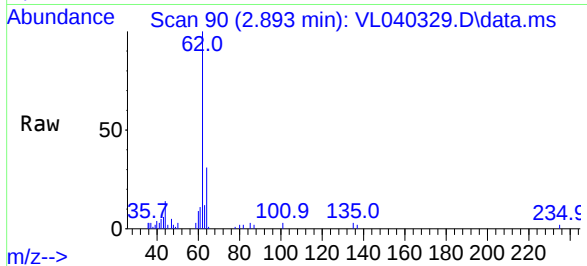




#5
 Vinyl Chloride
 Concen: 0.441 ppbv
 RT: 2.893 min Scan# 90
 Delta R.T. -0.019 min
 Lab File: VL040329.D
 Acq: 10 Apr 2023 17:39

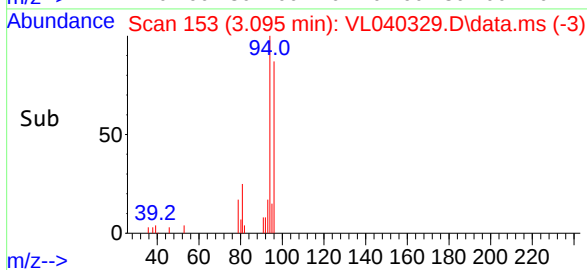
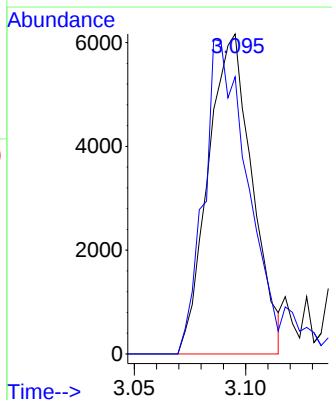
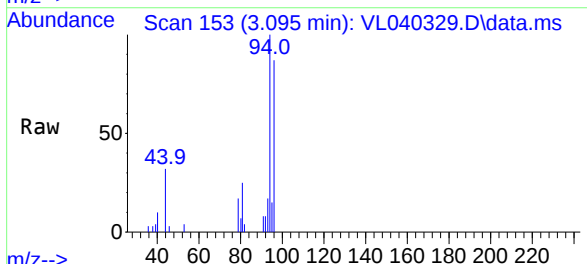
Instrument :
 MSVOA_L
 ClientSampleId :
 LOD-MDL-AIR-01-QT2-2023

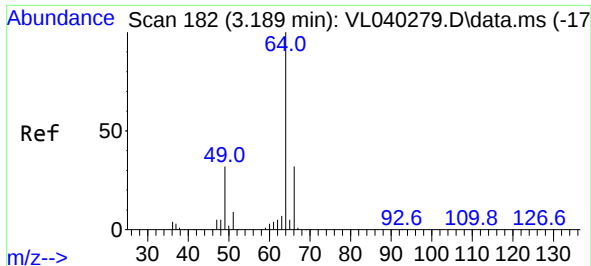
Tgt Ion: 62 Resp: 24563
 Ion Ratio Lower Upper
 62 100
 64 30.2 26.4 39.6



#6
 Bromomethane
 Concen: 0.437 ppbv
 RT: 3.095 min Scan# 153
 Delta R.T. -0.017 min
 Lab File: VL040329.D
 Acq: 10 Apr 2023 17:39

Tgt Ion: 94 Resp: 8451
 Ion Ratio Lower Upper
 94 100
 96 86.6 73.7 110.5

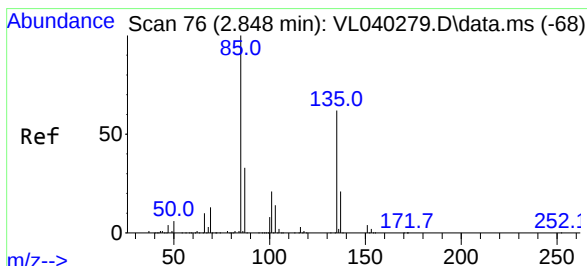
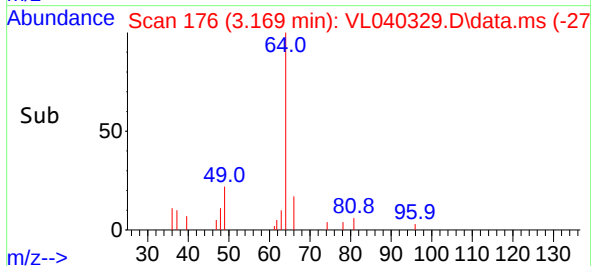
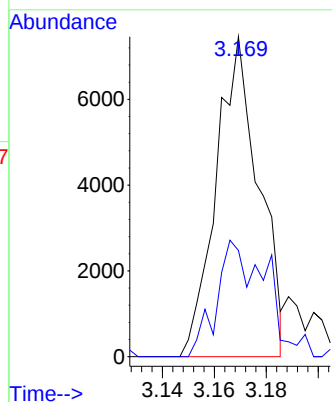
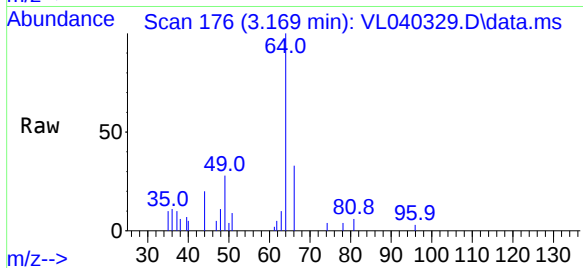




#7
Chloroethane
Concen: 0.398 ppbv
RT: 3.169 min Scan# 11
Delta R.T. -0.020 min
Lab File: VL040329.D
Acq: 10 Apr 2023 17:39

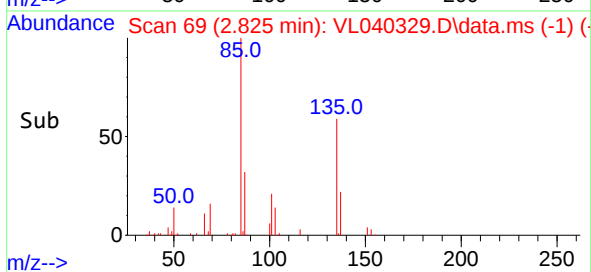
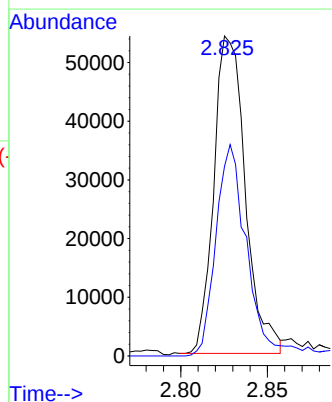
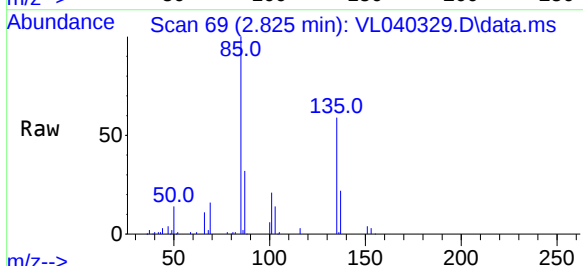
Instrument : MSVOA_L
ClientSampleId : LOD-MDL-AIR-01-QT2-2023

Tgt Ion: 64 Resp: 8510
Ion Ratio Lower Upper
64 100
66 33.2 25.5 38.3

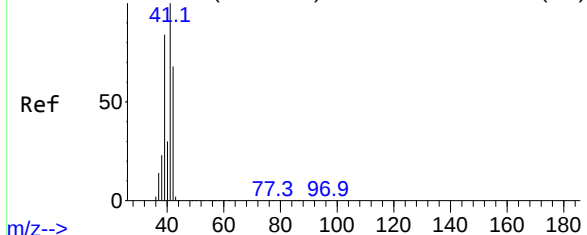


#8
Dichlorotetrafluoroethane
Concen: 0.460 ppbv
RT: 2.825 min Scan# 69
Delta R.T. -0.023 min
Lab File: VL040329.D
Acq: 10 Apr 2023 17:39

Tgt Ion: 85 Resp: 68476
Ion Ratio Lower Upper
85 100
135 67.8 52.0 78.0



Abundance Scan 25 (2.684 min): VL040279.D\data.ms (-15)

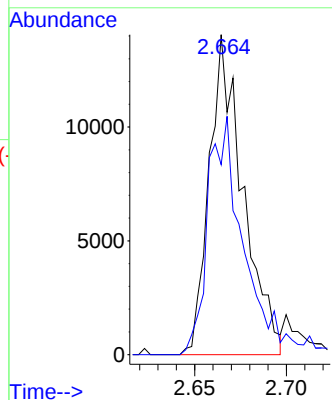
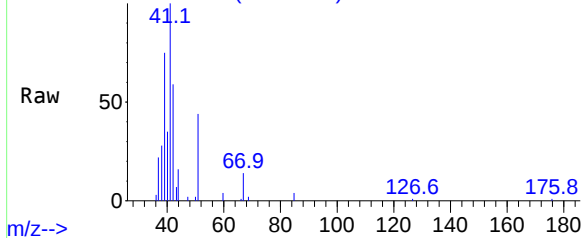


#9
Propene
Concen: 0.420 ppbv
RT: 2.664 min Scan# 1539
Delta R.T. -0.020 min
Lab File: VL040329.D
Acq: 10 Apr 2023 17:39

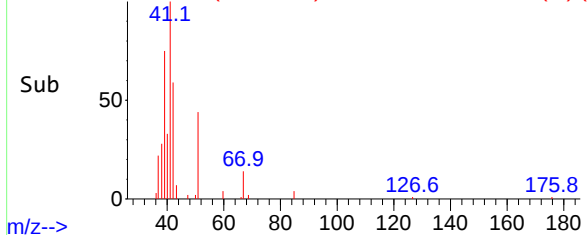
Instrument : MSVOA_1
ClientSampleId : LOD-MDL-AIR-01-QT2-2023

Tgt Ion: 41 Resp: 17944
Ion Ratio Lower Upper
41 100
42 82.1 59.0 88.4

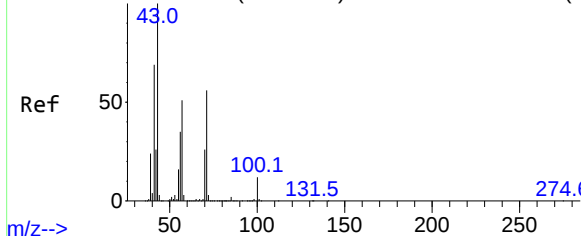
Abundance Scan 19 (2.664 min): VL040329.D\data.ms



Abundance Scan 19 (2.664 min): VL040329.D\data.ms (-1)



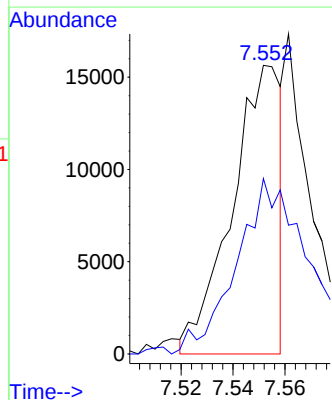
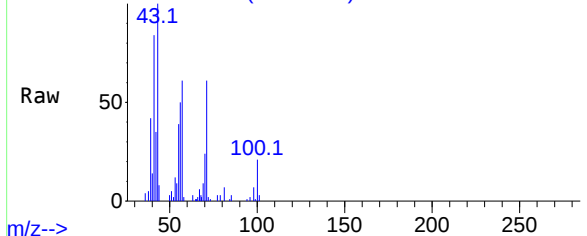
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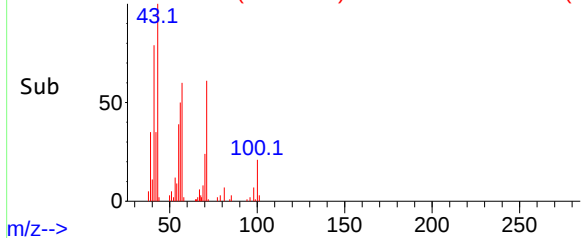
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Heptane
Concen: 0.199 ppbv
RT: 7.552 min Scan# 1539
Delta R.T. -0.029 min
Lab File: VL040329.D
Acq: 10 Apr 2023 17:39

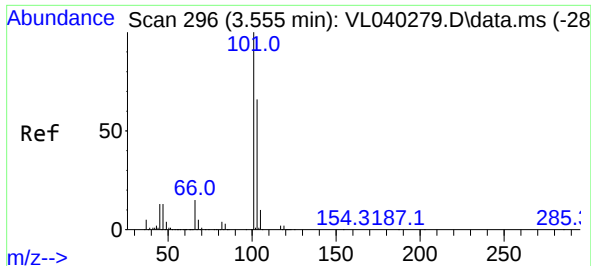
Tgt Ion: 43 Resp: 20460
Ion Ratio Lower Upper
43 100
57 91.7 41.7 62.5

Abundance Scan 1539 (7.552 min): VL040329.D\data.ms



Abundance Scan 1539 (7.552 min): VL040329.D\data.ms (-1)

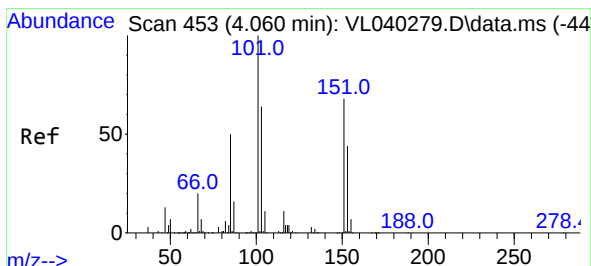
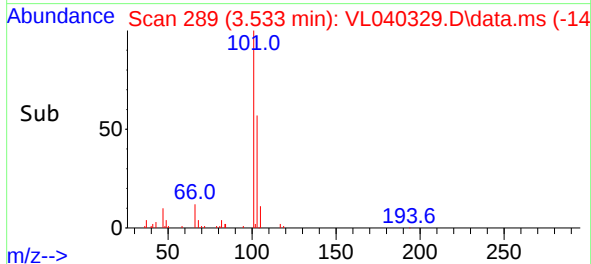
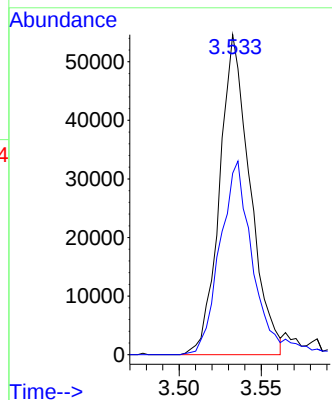
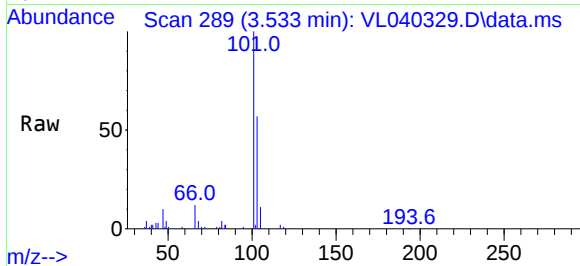




#11
 Trichlorofluoromethane
 Concen: 0.447 ppbv
 RT: 3.533 min Scan# 21
 Delta R.T. -0.022 min
 Lab File: VL040329.D
 Acq: 10 Apr 2023 17:39

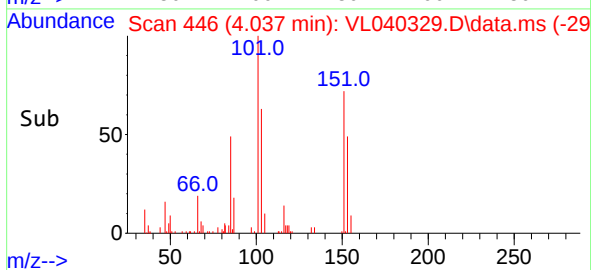
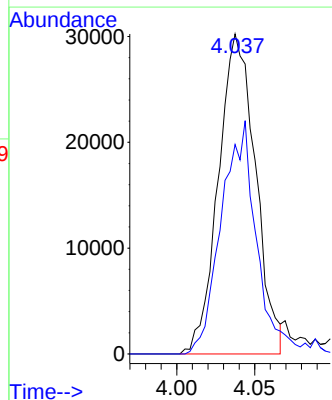
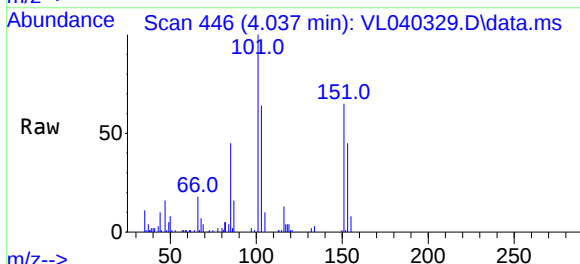
Instrument :
 MSVOA_L
 ClientSampleId :
 LOD-MDL-AIR-01-QT2-2023

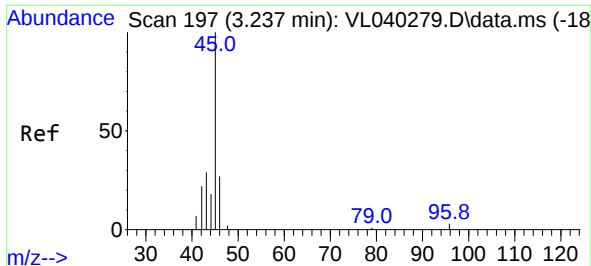
Tgt Ion:101 Resp: 70475
 Ion Ratio Lower Upper
 101 100
 103 56.7 53.1 79.7



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.423 ppbv
 RT: 4.037 min Scan# 446
 Delta R.T. -0.023 min
 Lab File: VL040329.D
 Acq: 10 Apr 2023 17:39

Tgt Ion:101 Resp: 50030
 Ion Ratio Lower Upper
 101 100
 151 70.8 53.2 79.8

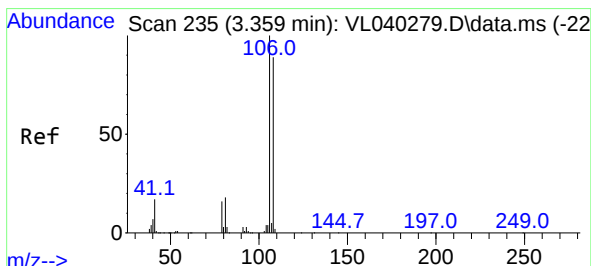
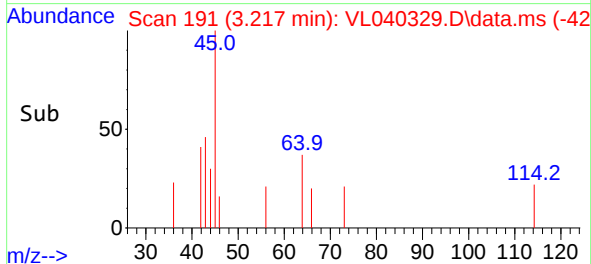
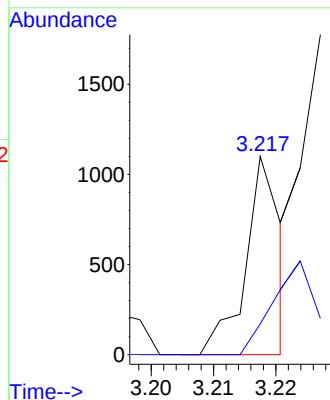
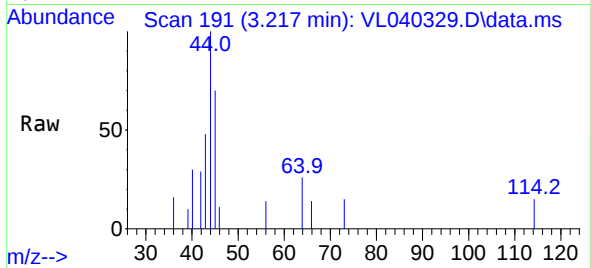




#13
Ethanol
Concen: 0.139 ppbv
RT: 3.217 min Scan# 197
Delta R.T. -0.020 min
Lab File: VL040329.D
Acq: 10 Apr 2023 17:39

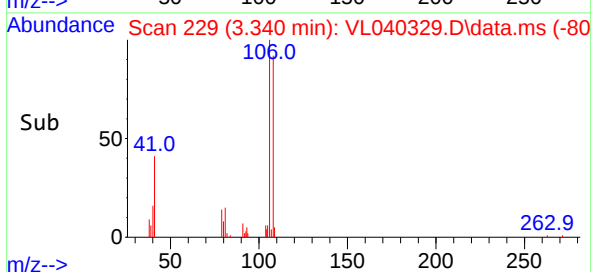
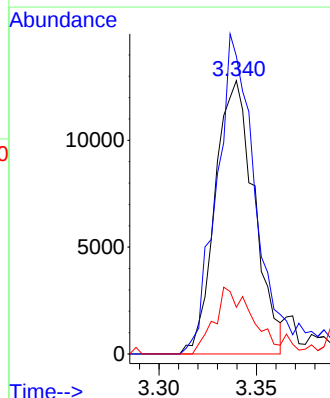
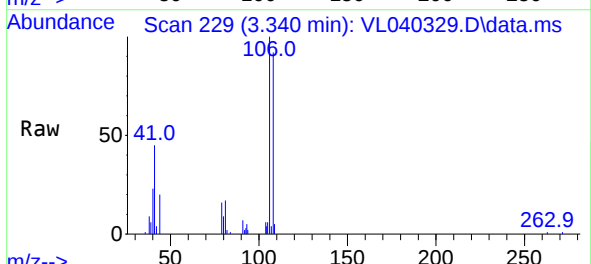
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2023

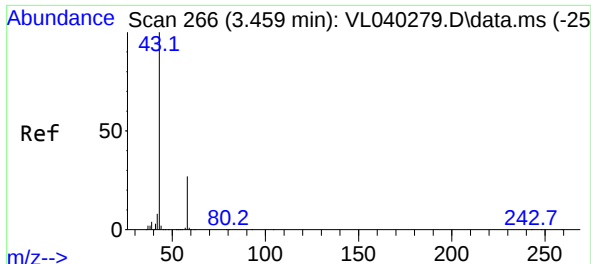
Tgt Ion: 45 Resp: 434
Ion Ratio Lower Upper
45 100
46 0.0 15.0 60.2#



#14
Bromoethene
Concen: 0.405 ppbv
RT: 3.340 min Scan# 229
Delta R.T. -0.019 min
Lab File: VL040329.D
Acq: 10 Apr 2023 17:39

Tgt Ion: 108 Resp: 17886
Ion Ratio Lower Upper
108 100
106 125.0 85.8 128.8
79 30.2 15.8 23.6#

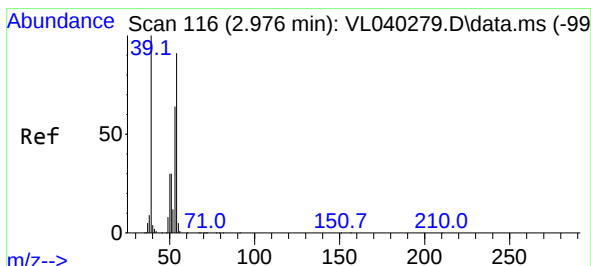
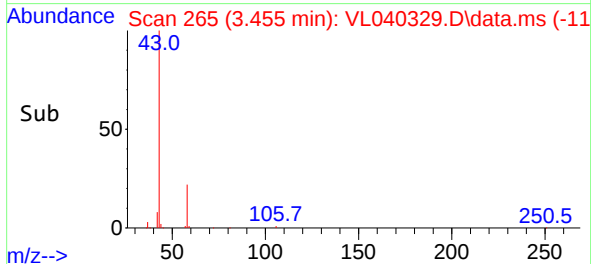
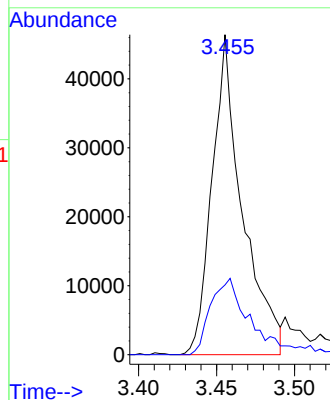
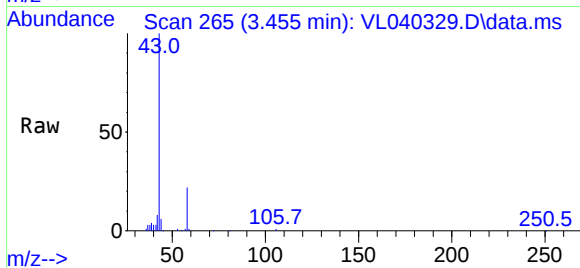




#15
Acetone
Concen: 0.580 ppbv
RT: 3.455 min Scan# 21
Delta R.T. -0.004 min
Lab File: VL040329.D
Acq: 10 Apr 2023 17:39

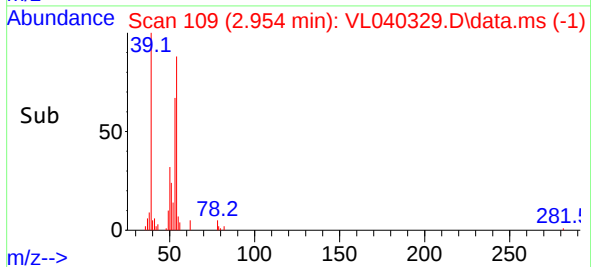
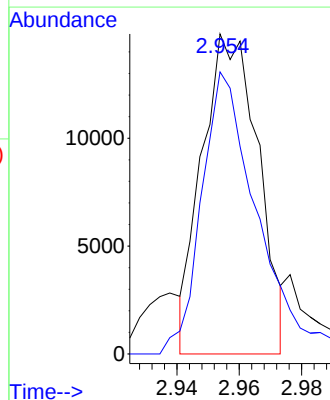
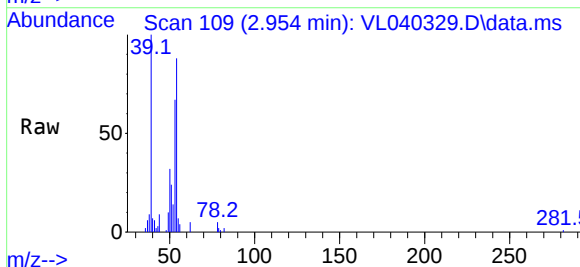
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2023

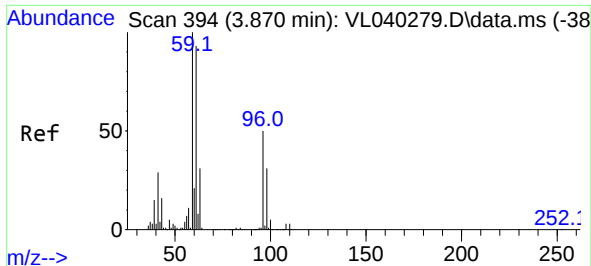
Tgt Ion: 43 Resp: 62578
Ion Ratio Lower Upper
43 100
58 33.3 21.8 32.8#



#16
1,3-Butadiene
Concen: 0.378 ppbv
RT: 2.954 min Scan# 109
Delta R.T. -0.022 min
Lab File: VL040329.D
Acq: 10 Apr 2023 17:39

Tgt Ion: 39 Resp: 18534
Ion Ratio Lower Upper
39 100
54 93.5 68.4 102.6





#17

tert-Butyl alcohol

Concen: 0.463 ppbv

RT: 3.870 min Scan# 394

Delta R.T. 0.000 min

Lab File: VL040329.D

Acq: 10 Apr 2023 17:39

Instrument :

MSVOA_L

ClientSampleId :

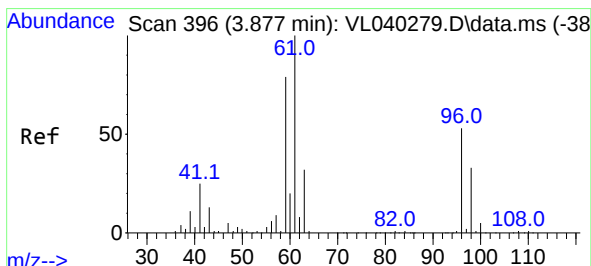
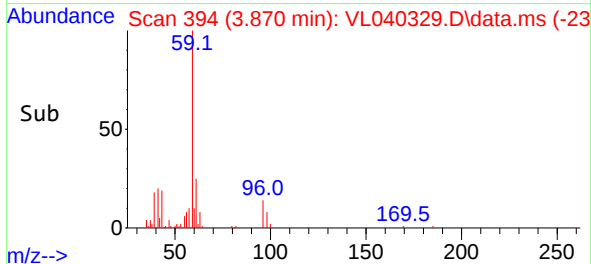
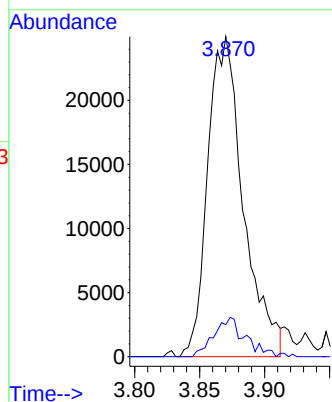
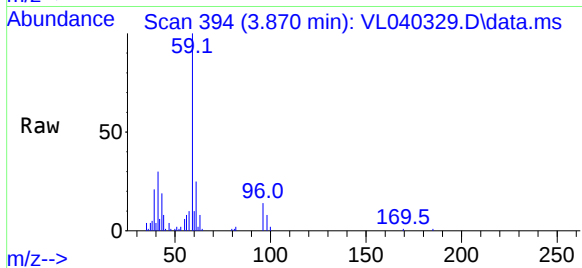
LOD-MDL-AIR-01-QT2-2023

Tgt Ion: 59 Resp: 47508

Ion Ratio Lower Upper

59 100

57 11.0 8.5 12.7



#18

1,1-Dichloroethene

Concen: 0.442 ppbv

RT: 3.851 min Scan# 388

Delta R.T. -0.026 min

Lab File: VL040329.D

Acq: 10 Apr 2023 17:39

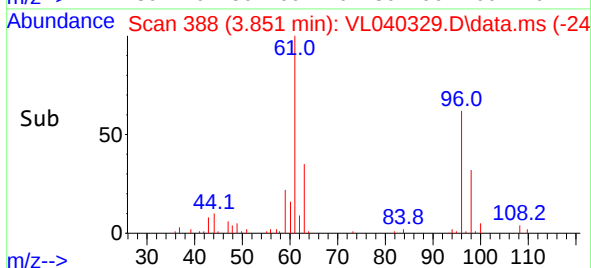
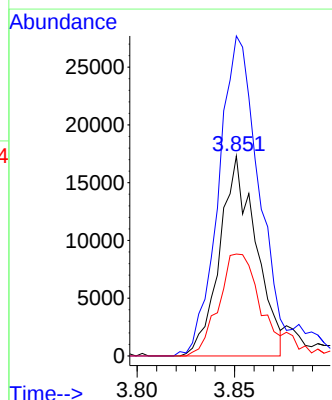
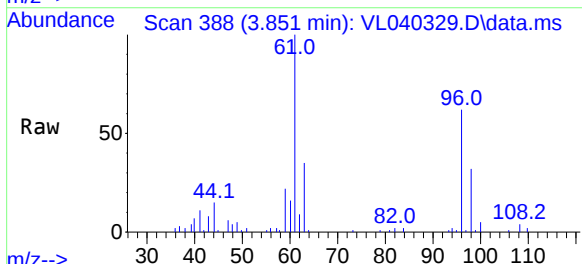
Tgt Ion: 96 Resp: 22444

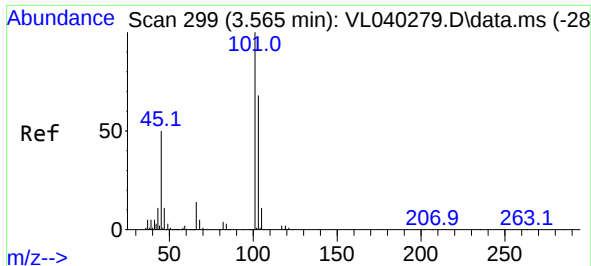
Ion Ratio Lower Upper

96 100

61 157.8 150.6 226.0

98 51.0 50.3 75.5

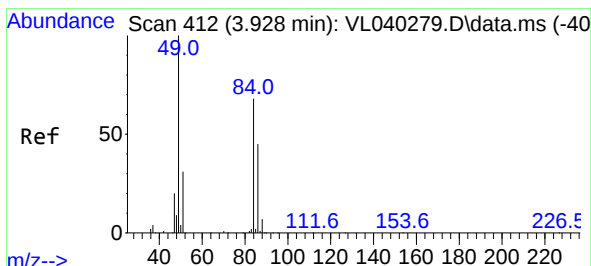
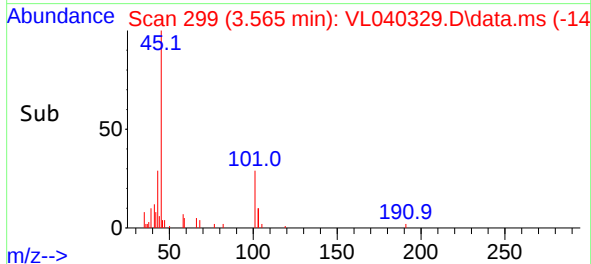
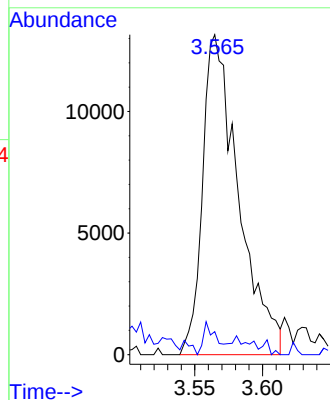
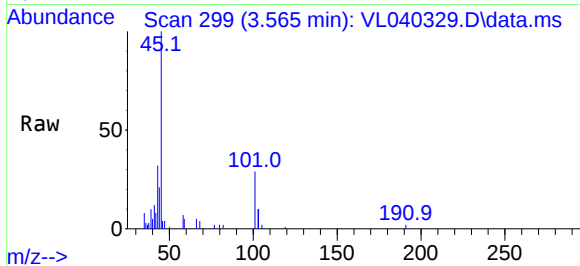




#19
Isopropyl Alcohol
Concen: 0.469 ppbv
RT: 3.565 min Scan# 24
Delta R.T. -0.000 min
Lab File: VL040329.D
Acq: 10 Apr 2023 17:39

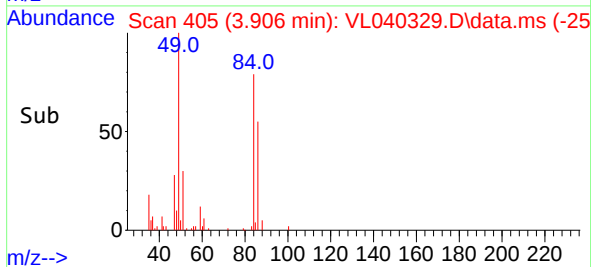
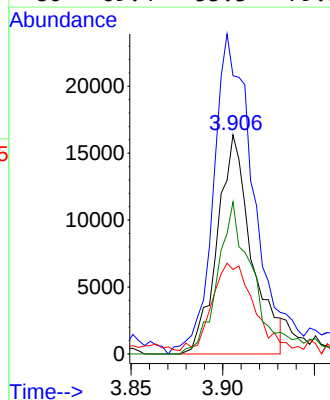
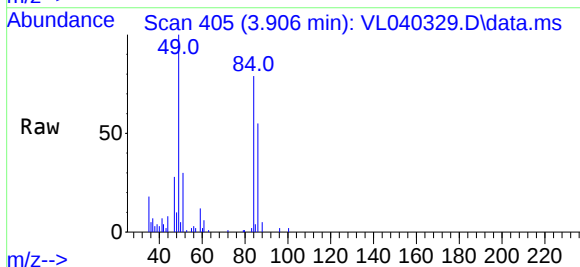
Instrument : MSVOA_1
ClientSampleId : LOD-MDL-AIR-01-QT2-2023

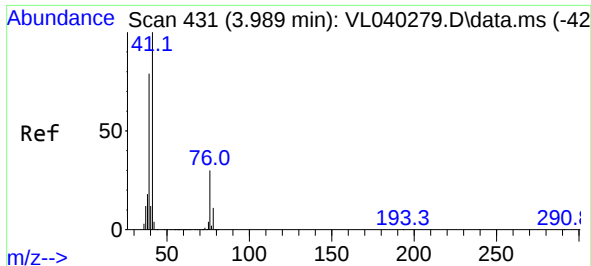
Tgt Ion: 45 Resp: 24235
Ion Ratio Lower Upper
45 100
58 8.0 2.7 4.1#



#20
Methylene Chloride
Concen: 0.467 ppbv
RT: 3.906 min Scan# 405
Delta R.T. -0.022 min
Lab File: VL040329.D
Acq: 10 Apr 2023 17:39

Tgt Ion: 84 Resp: 21230
Ion Ratio Lower Upper
84 100
49 123.4 117.5 176.3
51 37.0 36.9 55.3
86 69.4 53.3 79.9





#21

Allyl Chloride

Concen: 0.385 ppbv

RT: 3.970 min Scan# 41

Delta R.T. -0.019 min

Lab File: VL040329.D

Acq: 10 Apr 2023 17:39

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT2-2023

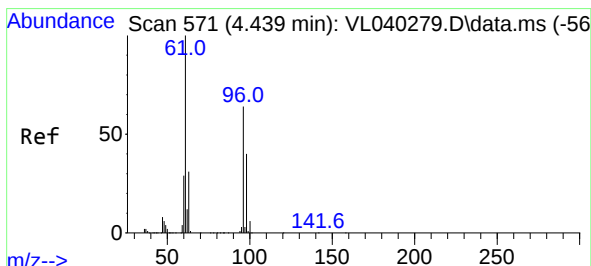
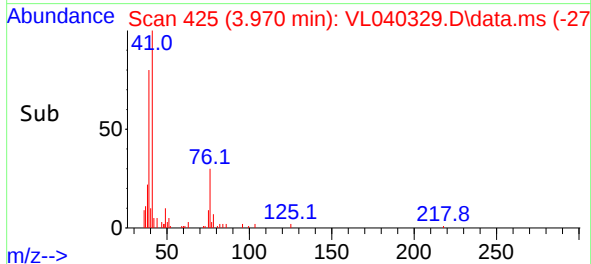
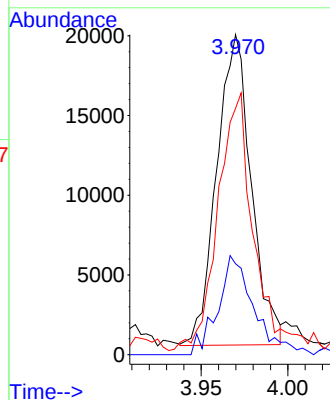
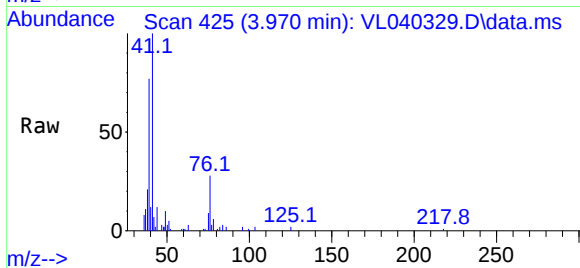
Tgt Ion: 41 Resp: 26923

Ion Ratio Lower Upper

41 100

76 34.3 25.4 38.0

39 96.0 65.4 98.2



#22

trans-1,2-Dichloroethene

Concen: 0.374 ppbv

RT: 4.420 min Scan# 565

Delta R.T. -0.019 min

Lab File: VL040329.D

Acq: 10 Apr 2023 17:39

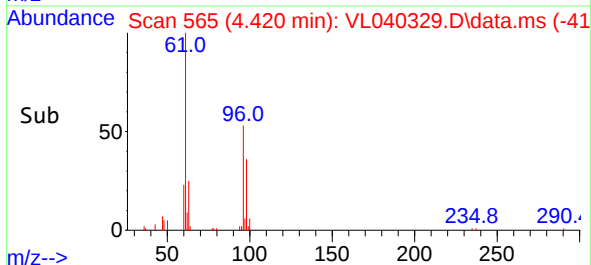
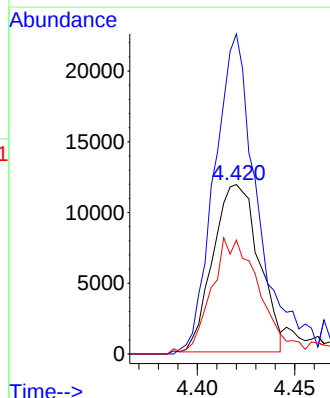
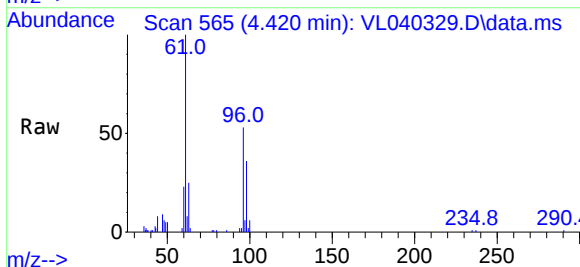
Tgt Ion: 96 Resp: 19358

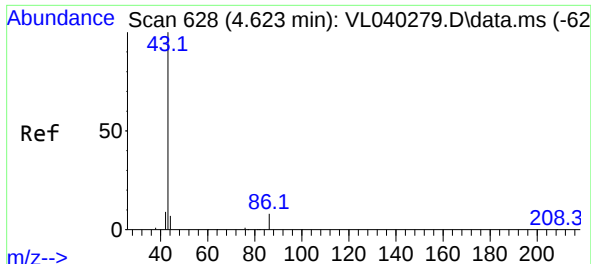
Ion Ratio Lower Upper

96 100

61 188.3 125.4 188.2#

98 66.7 49.8 74.6

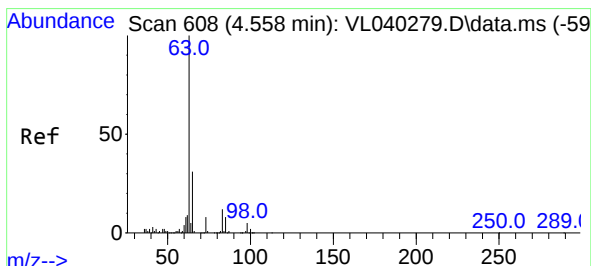
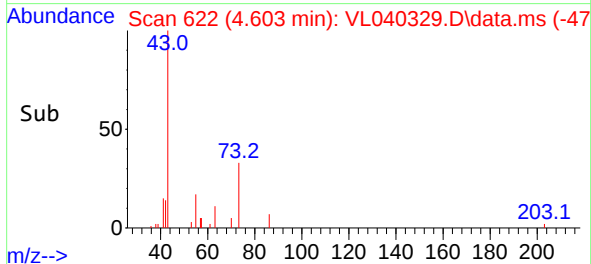
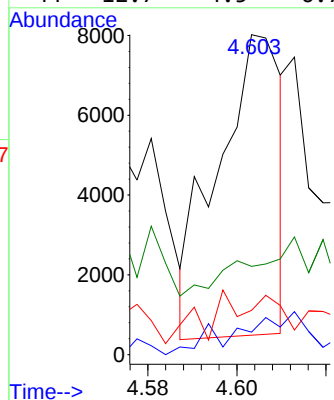
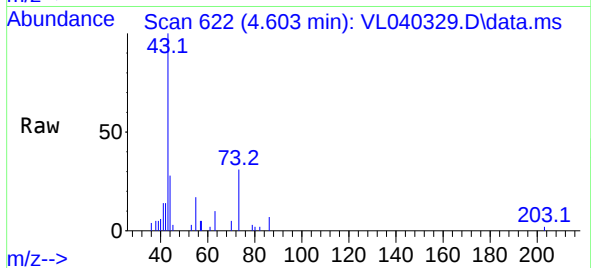




#23
 Vinyl Acetate
 Concen: 0.248 ppbv
 RT: 4.603 min Scan# 61
 Delta R.T. -0.020 min
 Lab File: VL040329.D
 Acq: 10 Apr 2023 17:39

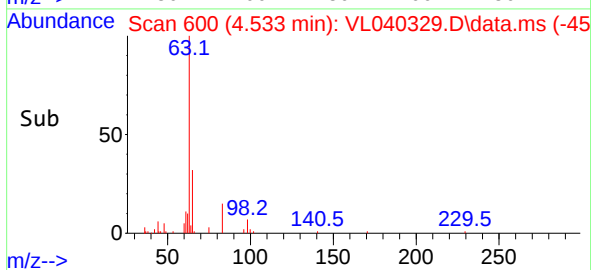
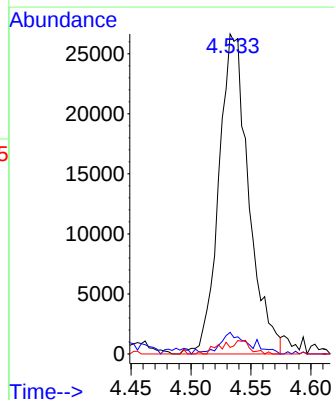
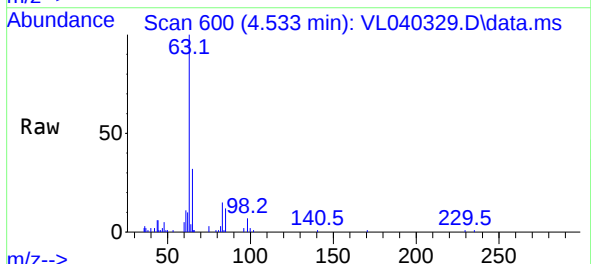
Instrument :
 MSVOA_1
 ClientSampleId :
 LOD-MDL-AIR-01-QT2-2023

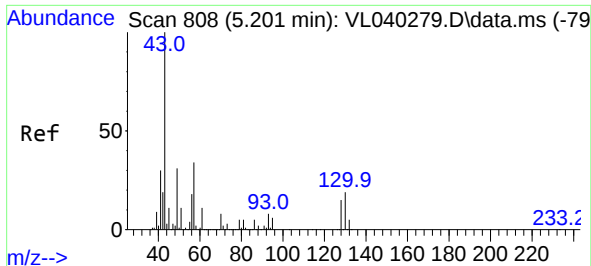
Tgt Ion:	43	Resp:	7462
Ion	Ratio	Lower	Upper
43	100		
86	3.7	5.0	7.4#
42	6.2	9.1	13.7#
44	12.7	4.5	6.7#



#24
 1,1-Dichloroethane
 Concen: 0.430 ppbv
 RT: 4.533 min Scan# 600
 Delta R.T. -0.025 min
 Lab File: VL040329.D
 Acq: 10 Apr 2023 17:39

Tgt Ion:	63	Resp:	46092
Ion	Ratio	Lower	Upper
63	100		
98	6.8	2.4	7.2
100	2.0	1.2	3.6





#25

Ethyl Acetate

Concen: 0.393 ppbv

RT: 5.188 min Scan# 80

Delta R.T. -0.013 min

Lab File: VL040329.D

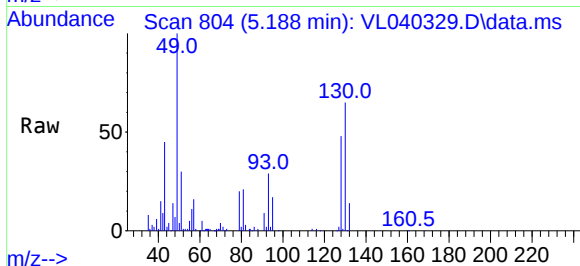
Acq: 10 Apr 2023 17:39

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT2-2023



Tgt Ion: 43 Resp: 79526

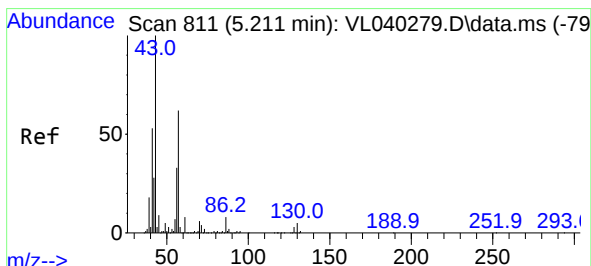
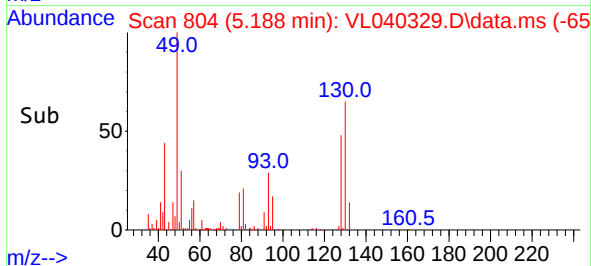
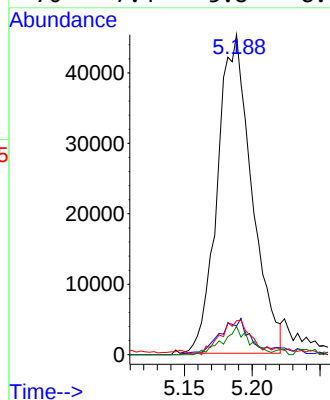
Ion Ratio Lower Upper

43 100

45 11.7 8.6 12.8

61 12.7 8.4 12.6#

70 7.4 5.8 8.6



#26

Hexane

Concen: 0.370 ppbv

RT: 5.185 min Scan# 803

Delta R.T. -0.026 min

Lab File: VL040329.D

Acq: 10 Apr 2023 17:39

Tgt Ion: 57 Resp: 30702

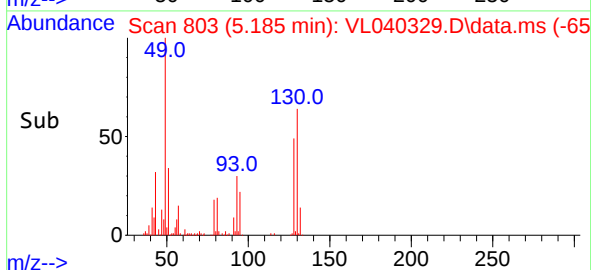
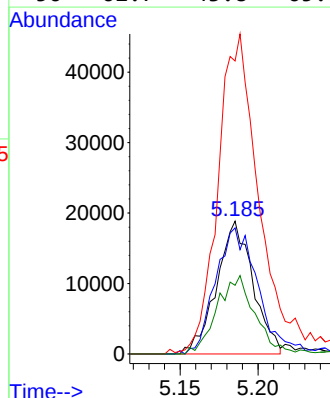
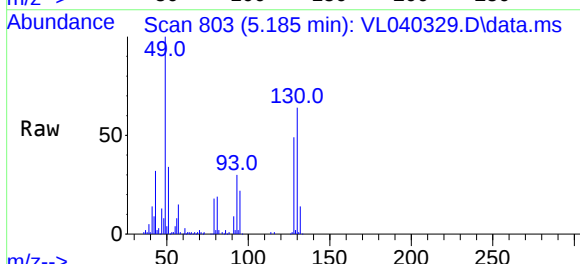
Ion Ratio Lower Upper

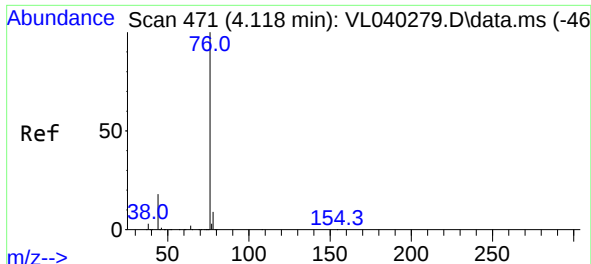
57 100

41 112.3 73.5 110.3#

43 278.4 196.3 294.5

56 62.7 43.8 65.8

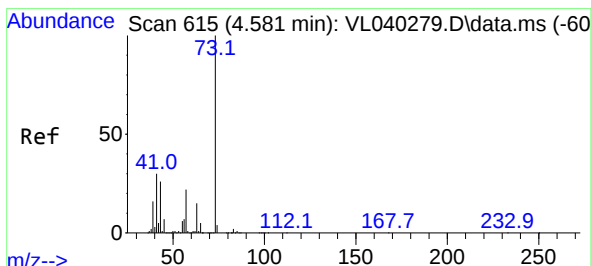
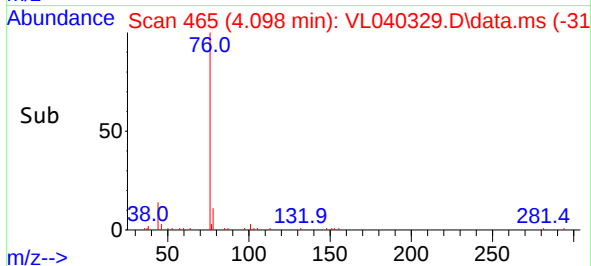
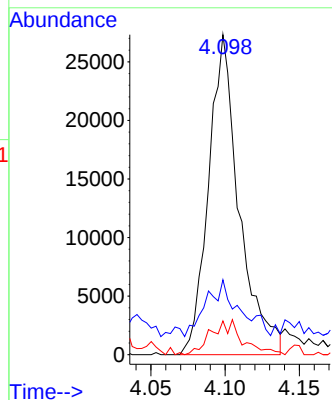
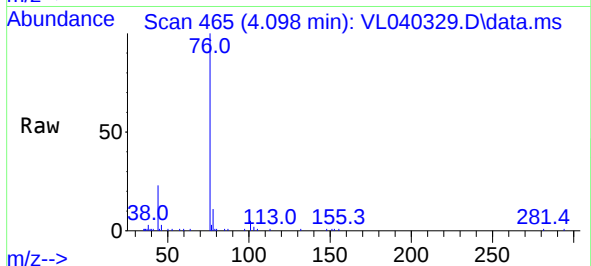




#27
Carbon Disulfide
Concen: 0.339 ppbv
RT: 4.098 min Scan# 41
Delta R.T. -0.020 min
Lab File: VL040329.D
Acq: 10 Apr 2023 17:39

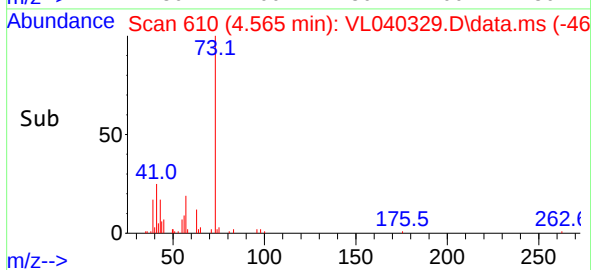
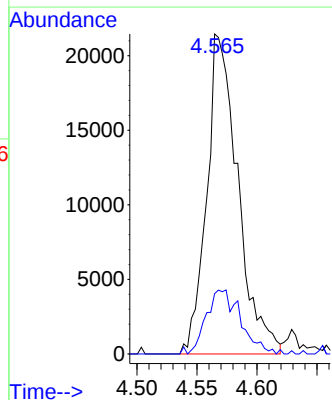
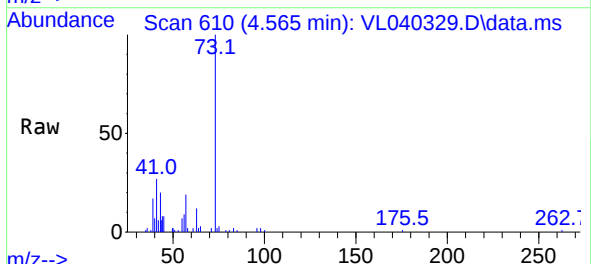
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2023

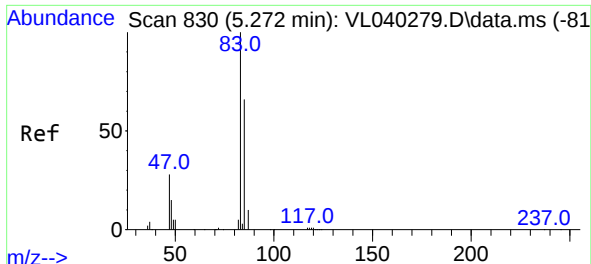
Tgt Ion: 76 Resp: 39293
Ion Ratio Lower Upper
76 100
44 19.1 15.2 22.8
78 11.0 7.6 11.4



#28
Methyl tert-Butyl Ether
Concen: 0.407 ppbv
RT: 4.565 min Scan# 610
Delta R.T. -0.016 min
Lab File: VL040329.D
Acq: 10 Apr 2023 17:39

Tgt Ion: 73 Resp: 38744
Ion Ratio Lower Upper
73 100
57 22.9 18.4 27.6





#29

Chloroform

Concen: 0.434 ppbv

RT: 5.246 min Scan# 81

Delta R.T. -0.026 min

Lab File: VL040329.D

Acq: 10 Apr 2023 17:39

Instrument :

MSVOA_L

ClientSampleId :

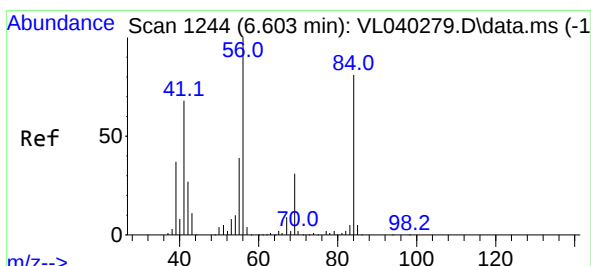
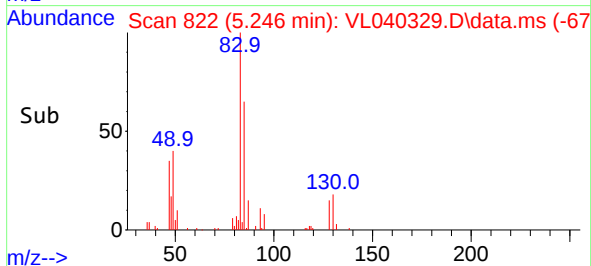
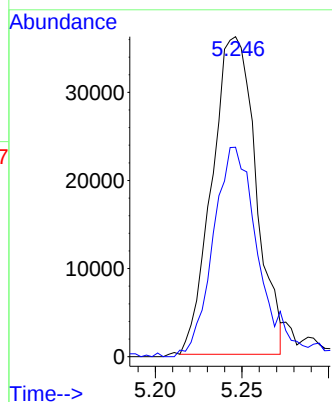
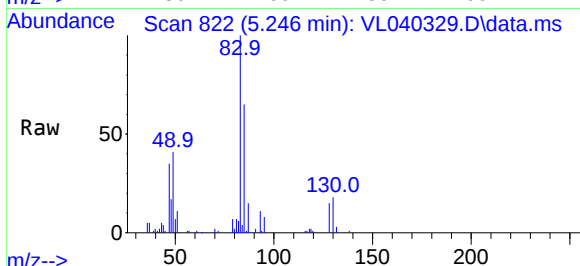
LOD-MDL-AIR-01-QT2-2023

Tgt Ion: 83 Resp: 63631

Ion Ratio Lower Upper

83 100

85 63.9 52.8 79.2



#30

Cyclohexane

Concen: 0.078 ppbv

RT: 6.571 min Scan# 1234

Delta R.T. -0.032 min

Lab File: VL040329.D

Acq: 10 Apr 2023 17:39

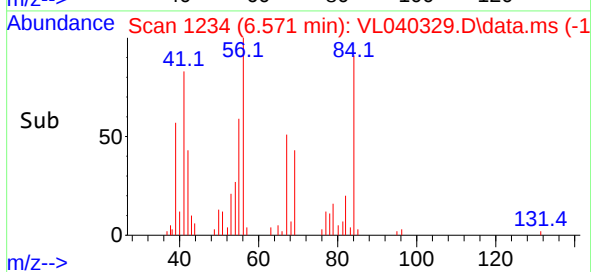
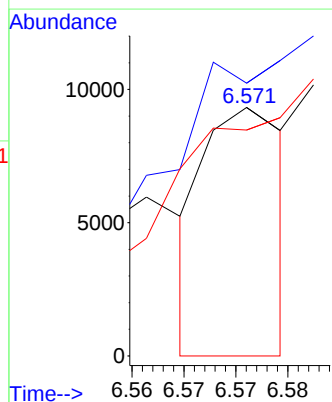
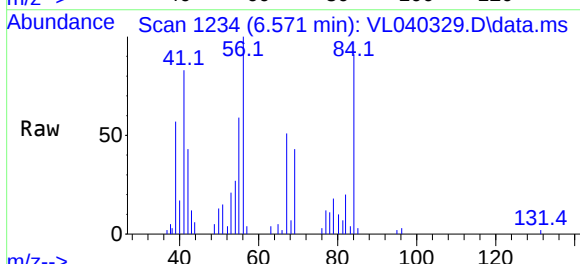
Tgt Ion: 84 Resp: 5067

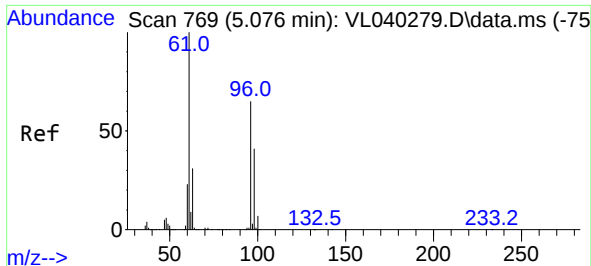
Ion Ratio Lower Upper

84 100

56 0.0 109.0 163.4#

41 0.0 67.9 101.9#

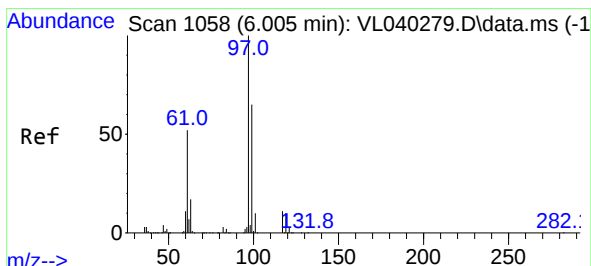
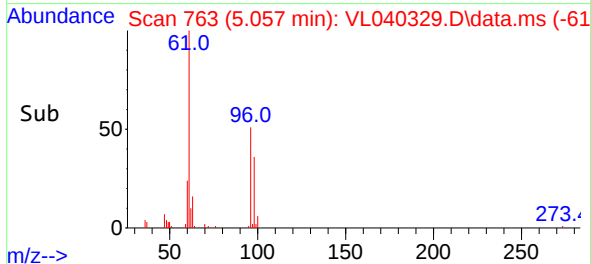
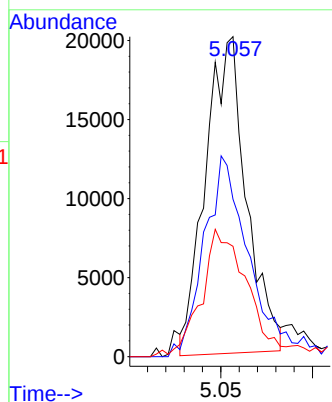
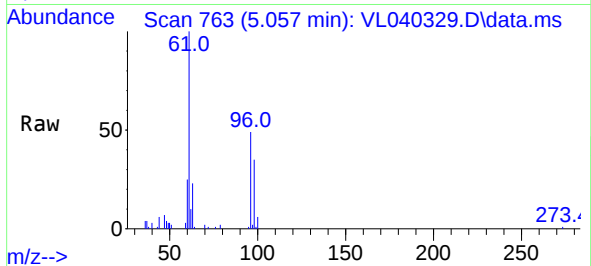




#31
 cis-1,2-Dichloroethene
 Concen: 0.385 ppbv
 RT: 5.057 min Scan# 71
 Delta R.T. -0.019 min
 Lab File: VL040329.D
 Acq: 10 Apr 2023 17:39

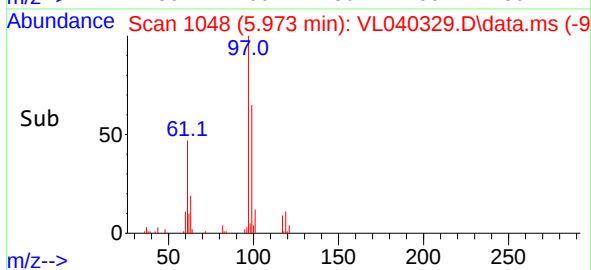
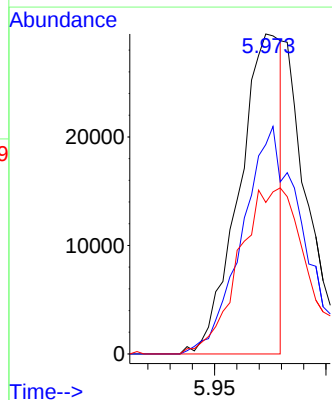
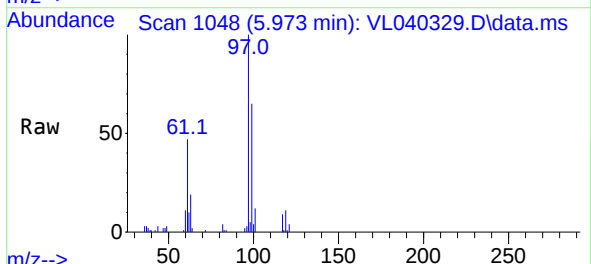
Instrument :
 MSVOA_L
 ClientSampleId :
 LOD-MDL-AIR-01-QT2-2023

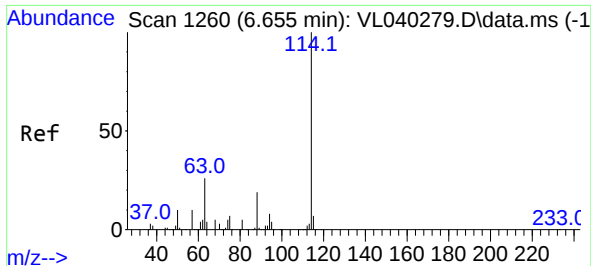
Tgt Ion: 61 Resp: 31077
 Ion Ratio Lower Upper
 61 100
 96 50.5 51.8 77.8#
 98 33.6 32.5 48.7



#32
 1,1,1-Trichloroethane
 Concen: 0.275 ppbv
 RT: 5.973 min Scan# 1048
 Delta R.T. -0.032 min
 Lab File: VL040329.D
 Acq: 10 Apr 2023 17:39

Tgt Ion: 97 Resp: 38638
 Ion Ratio Lower Upper
 97 100
 99 104.3 52.2 78.2#
 61 86.9 41.4 62.2#





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.626 min Scan# 11

Delta R.T. -0.029 min

Lab File: VL040329.D

Acq: 10 Apr 2023 17:39

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT2-2023

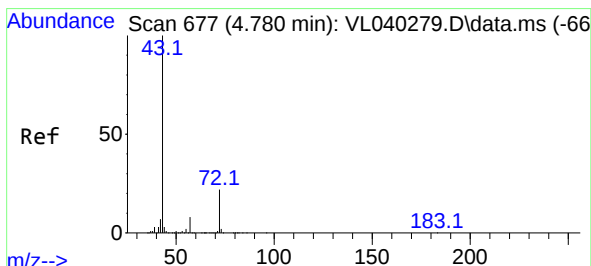
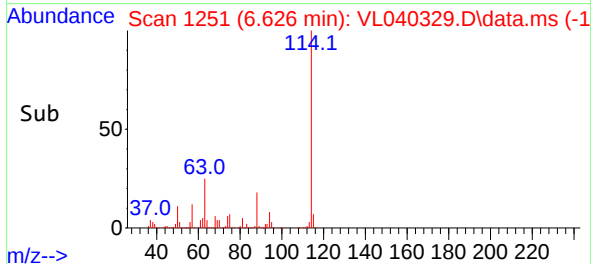
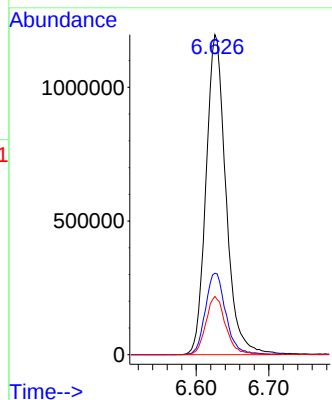
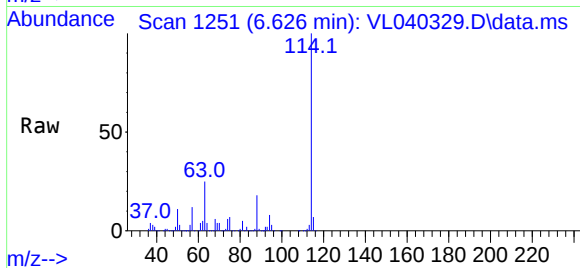
Tgt Ion:114 Resp: 2281772

Ion Ratio Lower Upper

114 100

63 26.5 21.2 31.8

88 18.2 14.5 21.7



#34

2-Butanone

Concen: 0.450 ppbv

RT: 4.774 min Scan# 675

Delta R.T. -0.006 min

Lab File: VL040329.D

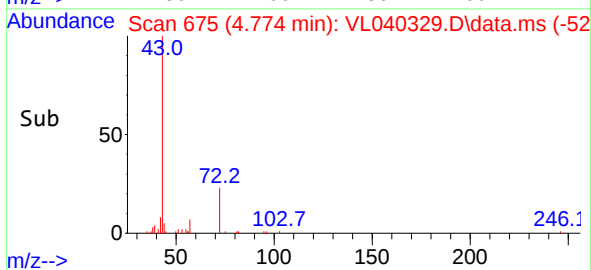
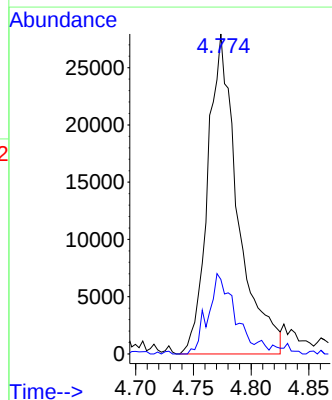
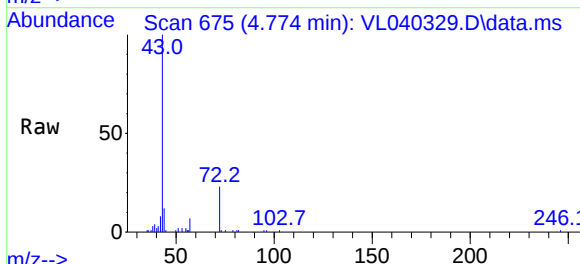
Acq: 10 Apr 2023 17:39

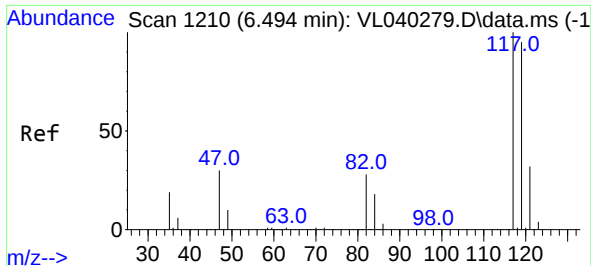
Tgt Ion: 43 Resp: 50694

Ion Ratio Lower Upper

43 100

72 24.9 18.3 27.5

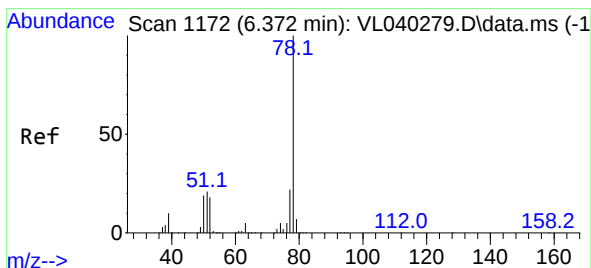
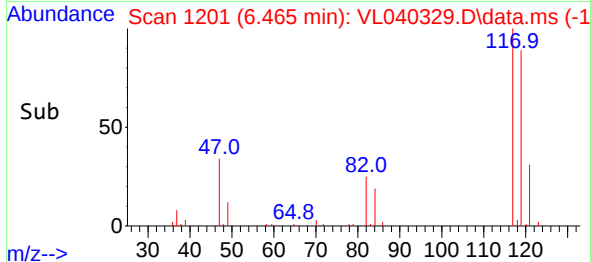
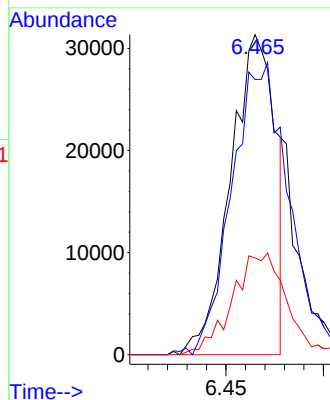
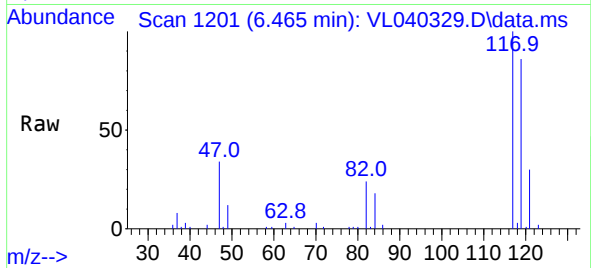




#35
Carbon Tetrachloride
Concen: 0.349 ppbv
RT: 6.465 min Scan# 1163
Delta R.T. -0.029 min
Lab File: VL040329.D
Acq: 10 Apr 2023 17:39

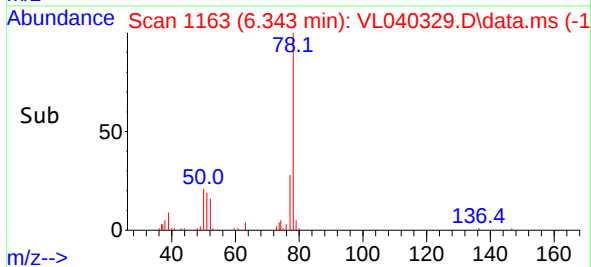
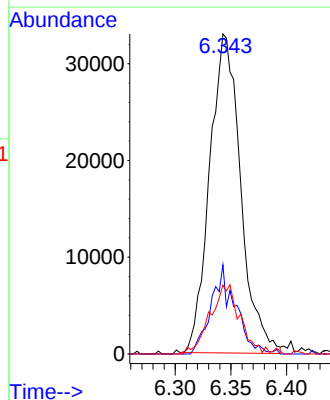
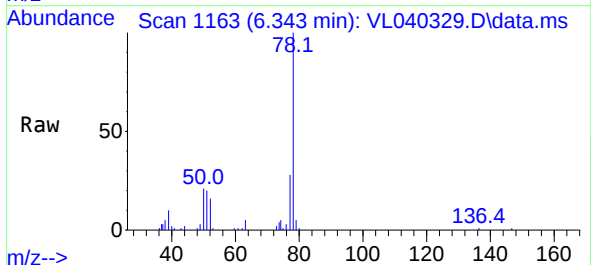
Instrument : MSVOA_L
ClientSampleId : LOD-MDL-AIR-01-QT2-2023

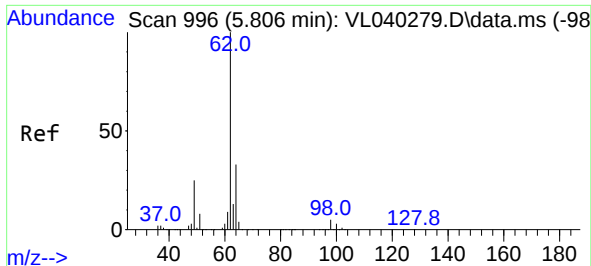
Tgt Ion: 117 Resp: 49996
Ion Ratio Lower Upper
117 100
119 85.0 76.4 114.6
121 30.3 25.6 38.4



#36
Benzene
Concen: 0.367 ppbv
RT: 6.343 min Scan# 1163
Delta R.T. -0.029 min
Lab File: VL040329.D
Acq: 10 Apr 2023 17:39

Tgt Ion: 78 Resp: 63818
Ion Ratio Lower Upper
78 100
77 28.0 17.8 26.8#
50 21.6 15.4 23.2





#37

1,2-Dichloroethane

Concen: 0.181 ppbv

RT: 5.783 min Scan# 91

Delta R.T. -0.023 min

Lab File: VL040329.D

Acq: 10 Apr 2023 17:39

Instrument :

MSVOA_L

ClientSampleId :

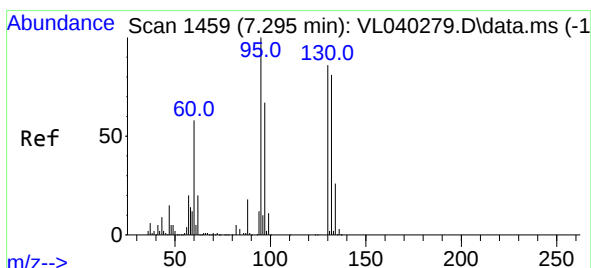
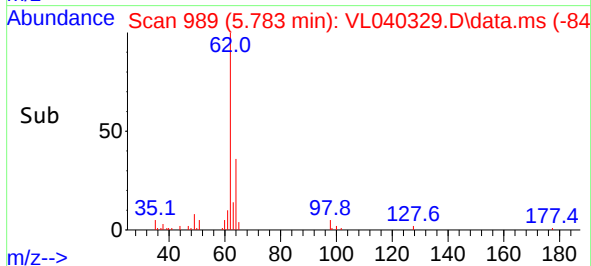
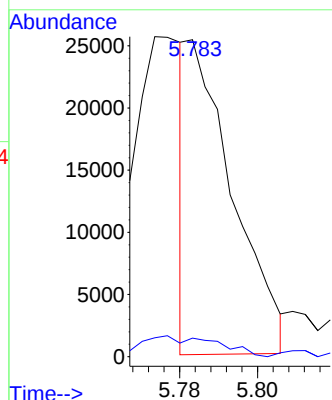
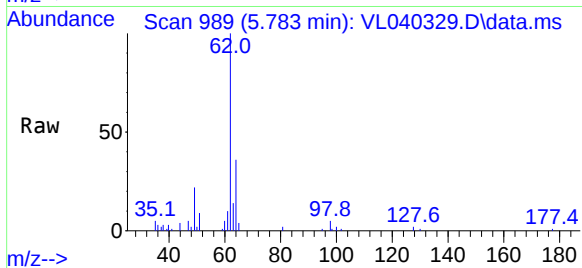
LOD-MDL-AIR-01-QT2-2023

Tgt Ion: 62 Resp: 20525

Ion Ratio Lower Upper

62 100

98 0.0 4.3 6.5#



#38

Trichloroethene

Concen: 0.377 ppbv

RT: 7.266 min Scan# 1450

Delta R.T. -0.029 min

Lab File: VL040329.D

Acq: 10 Apr 2023 17:39

Tgt Ion: 130 Resp: 35810

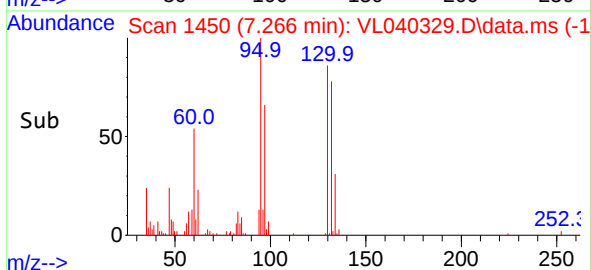
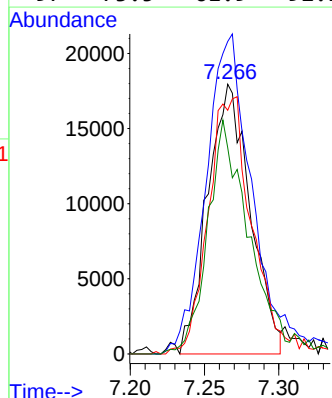
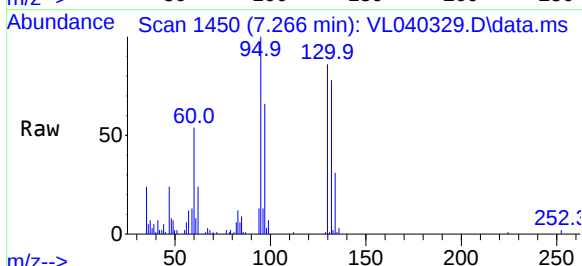
Ion Ratio Lower Upper

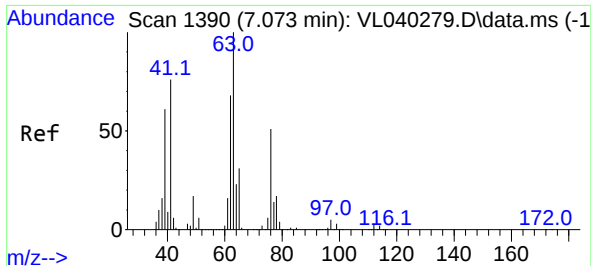
130 100

95 107.4 93.0 139.4

132 90.7 75.3 112.9

97 73.5 61.9 92.9





#39

1,2-Dichloropropane

Concen: 0.148 ppbv

RT: 7.050 min Scan# 11

Delta R.T. -0.023 min

Lab File: VL040329.D

Acq: 10 Apr 2023 17:39

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT2-2023

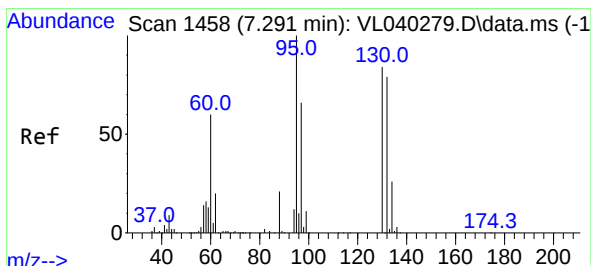
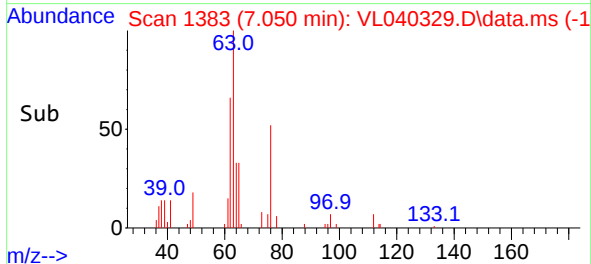
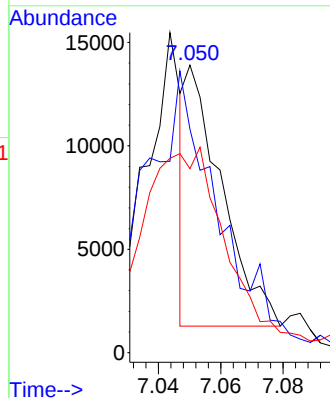
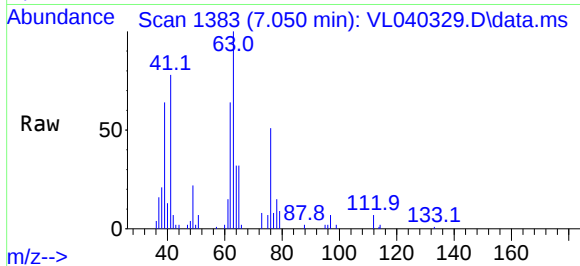
Tgt Ion: 63 Resp: 10101

Ion Ratio Lower Upper

63 100

41 73.7 60.8 91.2

62 62.8 54.1 81.1



#40

1,4-Dioxane

Concen: 0.042 ppbv

RT: 7.282 min Scan# 1455

Delta R.T. -0.009 min

Lab File: VL040329.D

Acq: 10 Apr 2023 17:39

Tgt Ion: 88 Resp: 1143

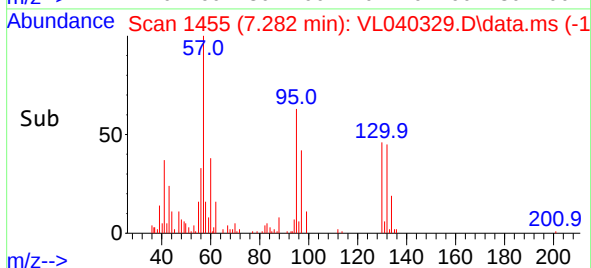
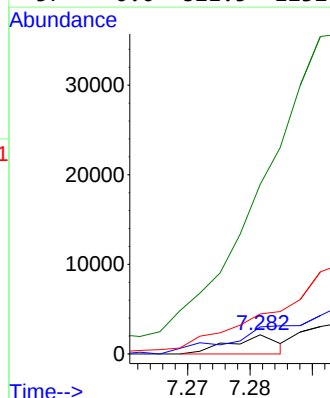
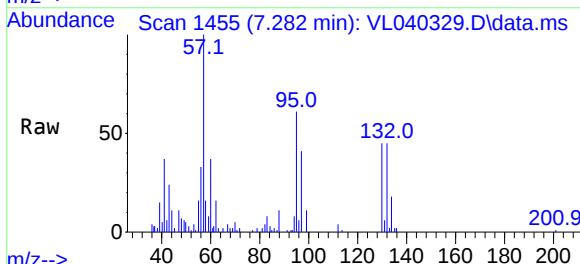
Ion Ratio Lower Upper

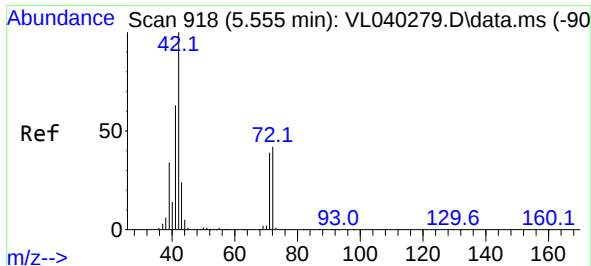
88 100

58 0.0 96.0 144.0#

43 0.0 187.6 281.4#

57 0.0 821.5 1232.3#

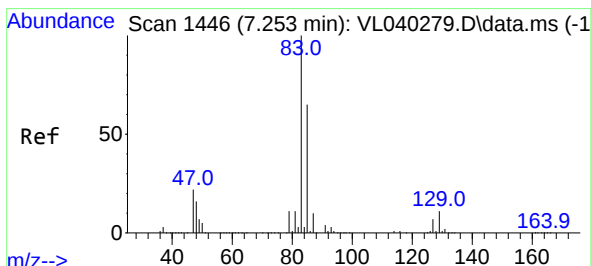
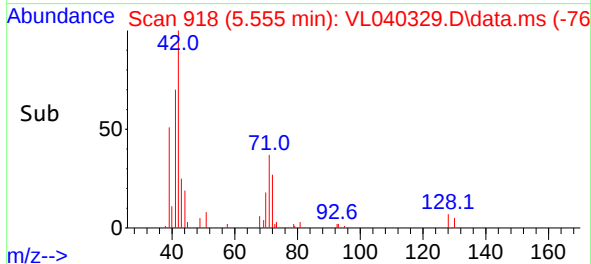
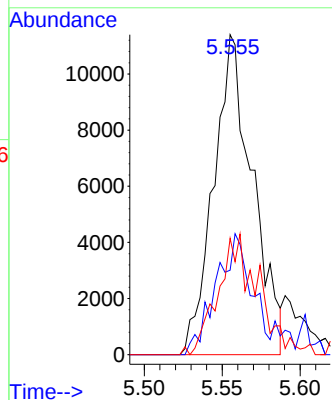
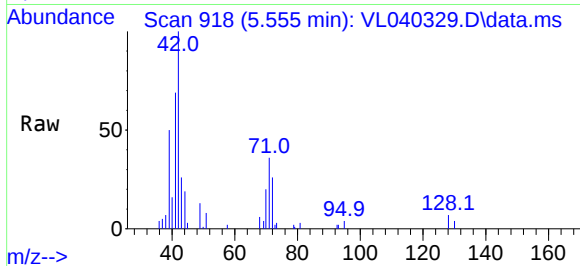




#41
Tetrahydrofuran
Concen: 0.305 ppbv
RT: 5.555 min Scan# 918
Delta R.T. 0.000 min
Lab File: VL040329.D
Acq: 10 Apr 2023 17:39

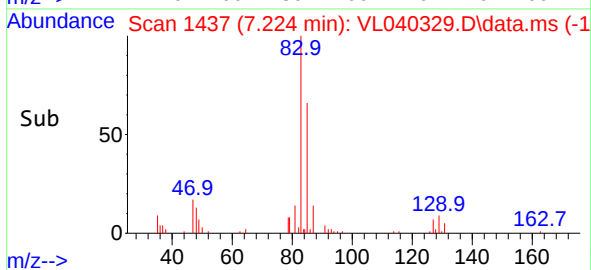
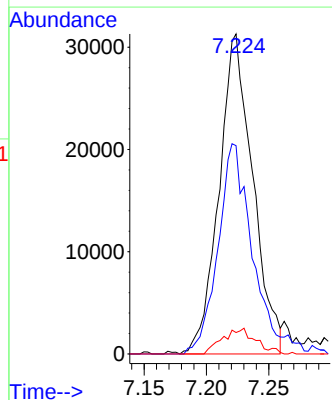
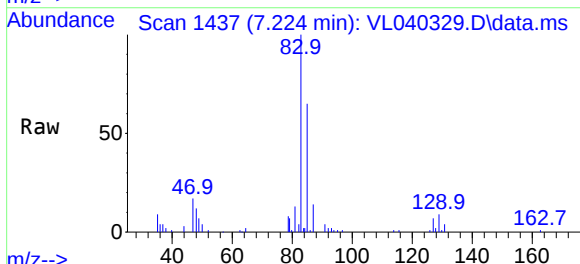
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2023

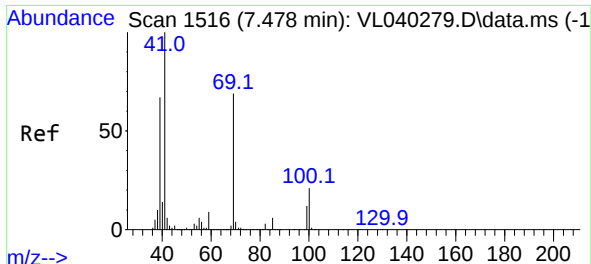
Tgt Ion:	42	Resp:	19808
Ion	Ratio	Lower	Upper
42	100		
72	42.6	32.6	49.0
71	39.5	31.0	46.4



#42
Bromodichloromethane
Concen: 0.381 ppbv
RT: 7.224 min Scan# 1437
Delta R.T. -0.029 min
Lab File: VL040329.D
Acq: 10 Apr 2023 17:39

Tgt Ion:	83	Resp:	58982
Ion	Ratio	Lower	Upper
83	100		
85	65.1	52.1	78.1
127	6.7	5.8	8.6

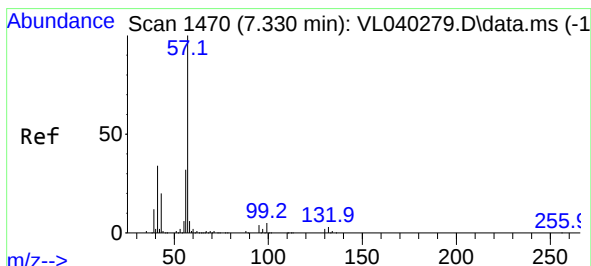
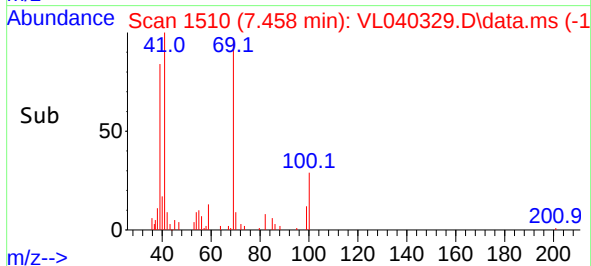
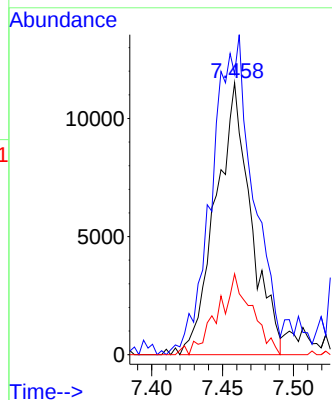
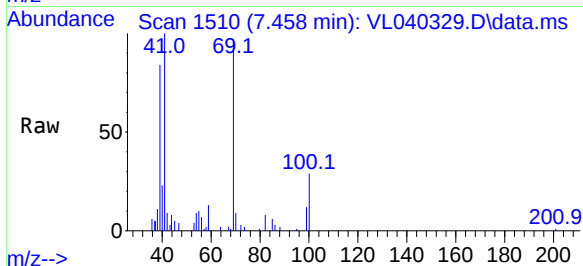




#43
Methyl Methacrylate
Concen: 0.309 ppbv
RT: 7.458 min Scan# 11
Delta R.T. -0.020 min
Lab File: VL040329.D
Acq: 10 Apr 2023 17:39

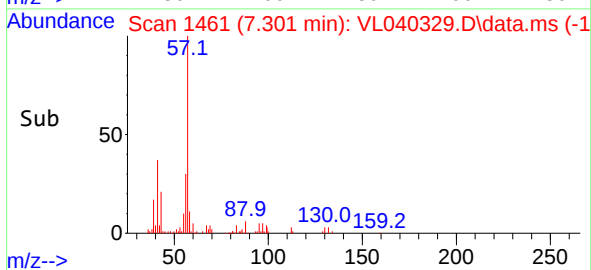
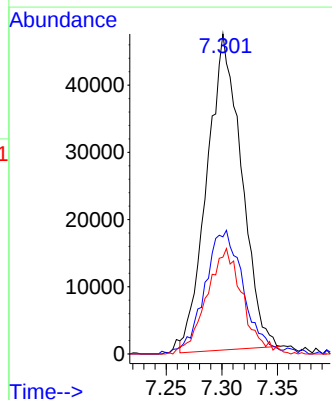
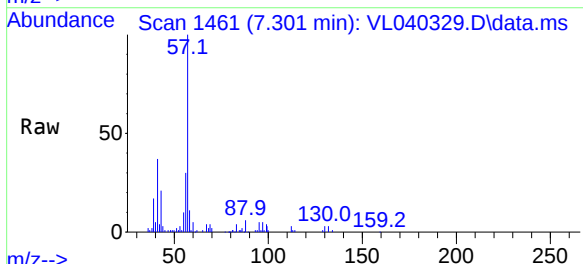
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2023

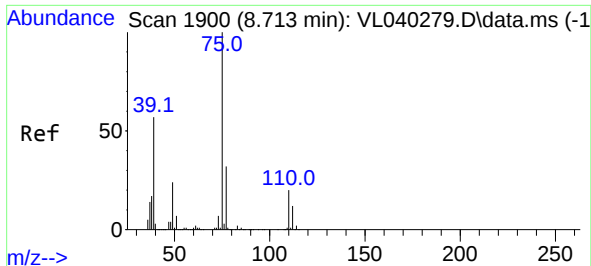
Tgt Ion: 69 Resp: 19942
Ion Ratio Lower Upper
69 100
41 144.7 116.9 175.3
100 28.8 24.2 36.4



#44
2,2,4-Trimethylpentane
Concen: 0.349 ppbv
RT: 7.301 min Scan# 1461
Delta R.T. -0.029 min
Lab File: VL040329.D
Acq: 10 Apr 2023 17:39

Tgt Ion: 57 Resp: 101315
Ion Ratio Lower Upper
57 100
41 44.6 26.8 40.2#
56 35.0 25.0 37.6

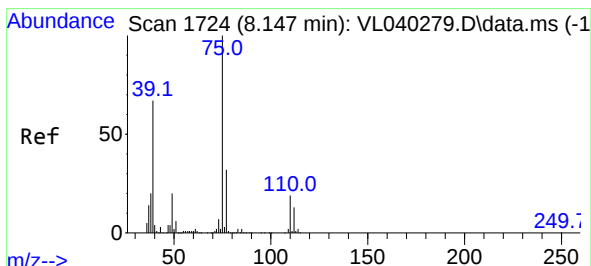
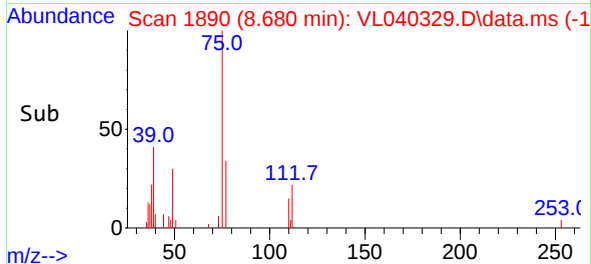
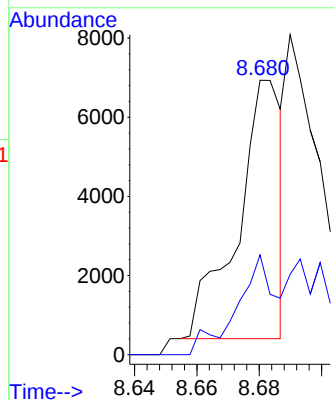
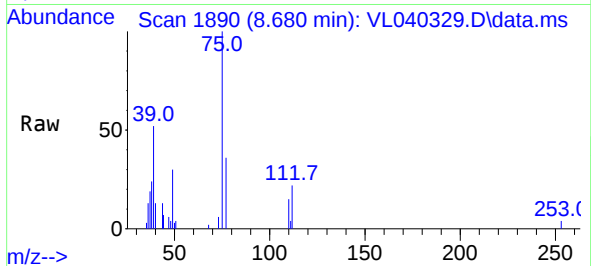




#45
t-1,3-Dichloropropene
Concen: 0.113 ppbv
RT: 8.680 min Scan# 1716
Delta R.T. -0.033 min
Lab File: VL040329.D
Acq: 10 Apr 2023 17:39

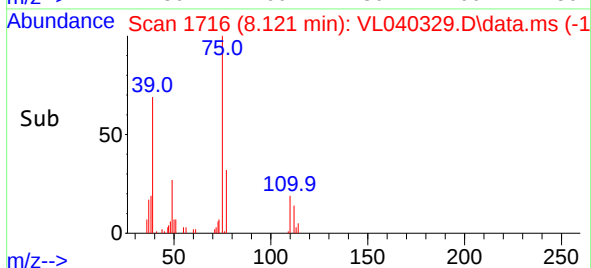
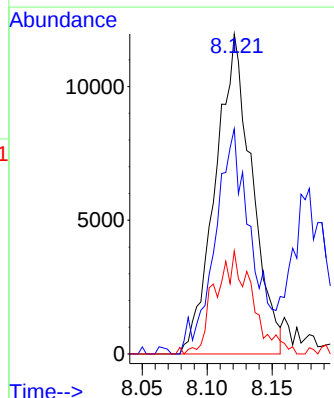
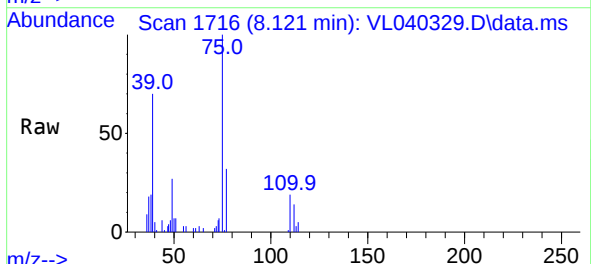
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2023

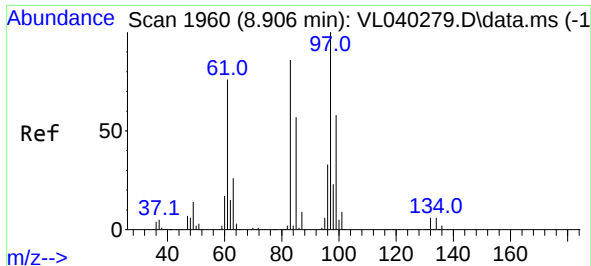
Tgt Ion: 75 Resp: 6376
Ion Ratio Lower Upper
75 100
77 36.3 25.4 38.0



#46
cis-1,3-Dichloropropene
Concen: 0.293 ppbv
RT: 8.121 min Scan# 1716
Delta R.T. -0.026 min
Lab File: VL040329.D
Acq: 10 Apr 2023 17:39

Tgt Ion: 75 Resp: 23439
Ion Ratio Lower Upper
75 100
39 70.4 53.9 80.9
77 30.2 25.3 37.9





#47

1,1,2-Trichloroethane

Concen: 0.143 ppbv

RT: 8.883 min Scan# 1960

Delta R.T. -0.023 min

Lab File: VL040329.D

Acq: 10 Apr 2023 17:39

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT2-2023

Tgt Ion: 97 Resp: 10409

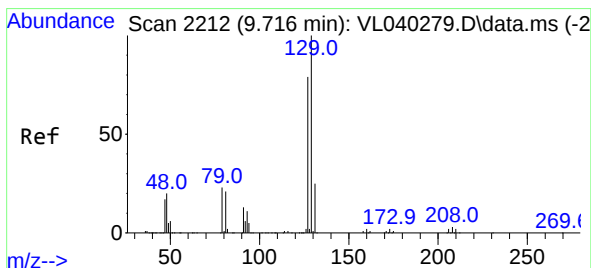
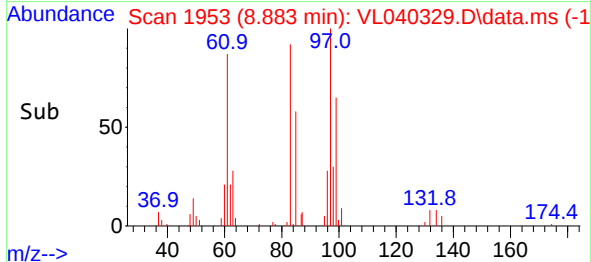
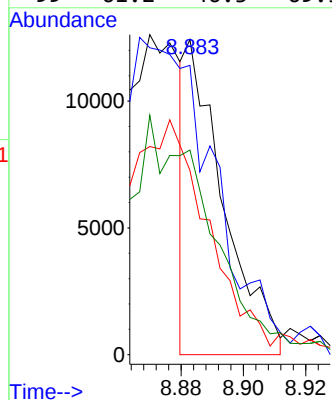
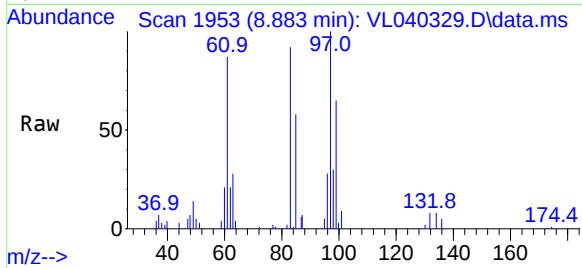
Ion Ratio Lower Upper

97 100

83 89.4 68.6 103.0

85 54.6 46.0 69.0

99 61.2 46.3 69.5



#48

Dibromochloromethane

Concen: 0.238 ppbv

RT: 9.683 min Scan# 2202

Delta R.T. -0.033 min

Lab File: VL040329.D

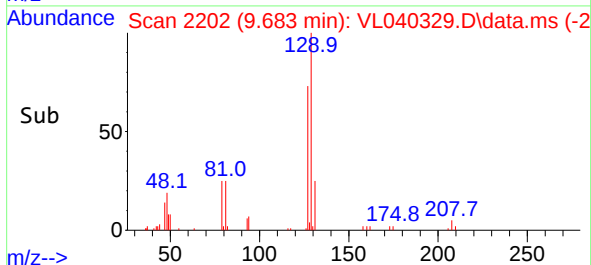
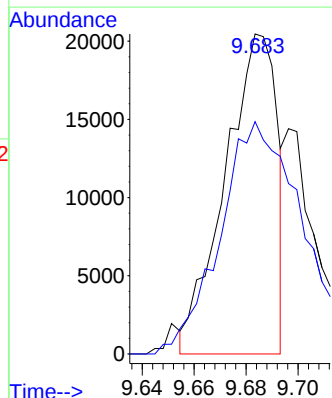
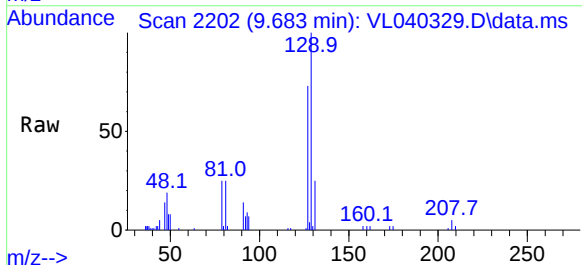
Acq: 10 Apr 2023 17:39

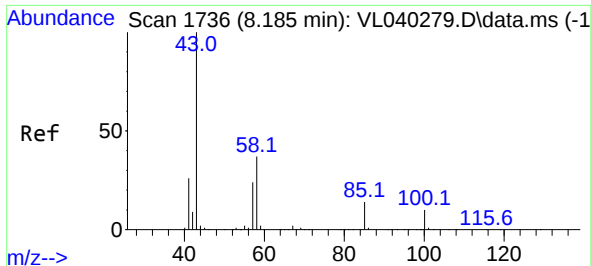
Tgt Ion: 129 Resp: 28539

Ion Ratio Lower Upper

129 100

127 117.0 39.1 117.5

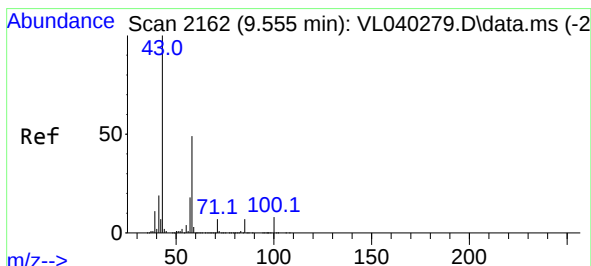
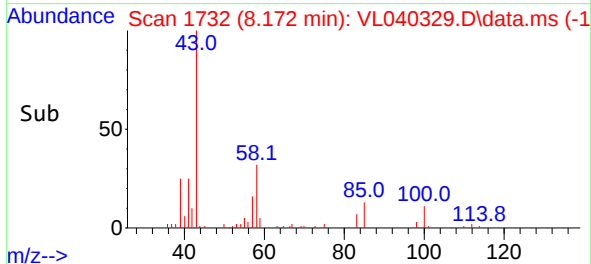
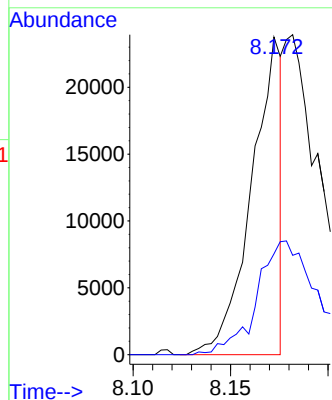
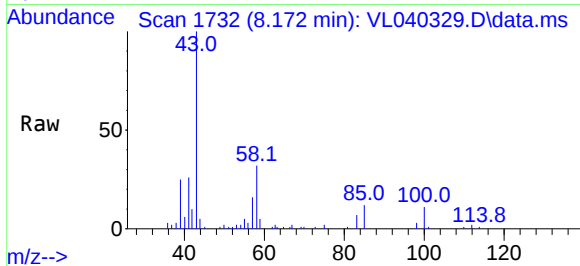




#50
4-Methyl-2-Pentanone
Concen: 0.146 ppbv
RT: 8.172 min Scan# 1
Delta R.T. -0.013 min
Lab File: VL040329.D
Acq: 10 Apr 2023 17:39

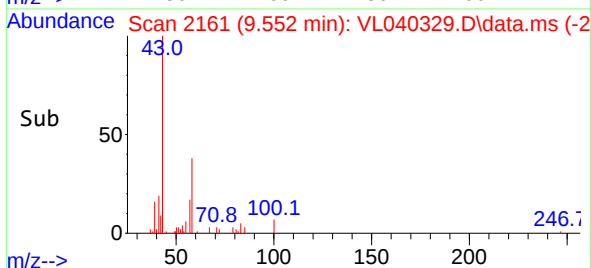
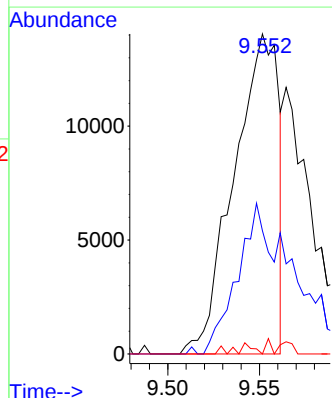
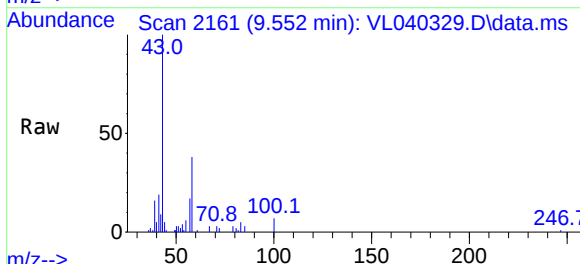
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2023

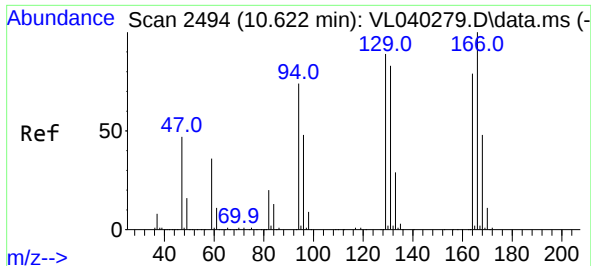
Tgt Ion: 43 Resp: 25441
Ion Ratio Lower Upper
43 100
58 0.0 29.2 43.8#



#51
2-Hexanone
Concen: 0.176 ppbv
RT: 9.552 min Scan# 2161
Delta R.T. -0.003 min
Lab File: VL040329.D
Acq: 10 Apr 2023 17:39

Tgt Ion: 43 Resp: 23710
Ion Ratio Lower Upper
43 100
58 64.2 38.0 57.0#
98 3.0 0.5 0.7#

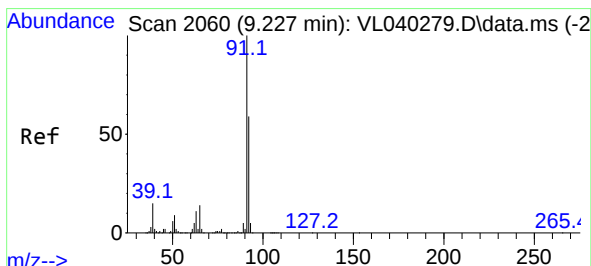
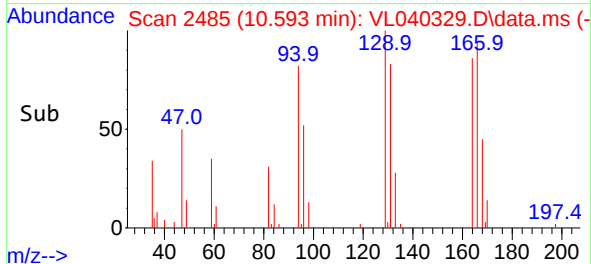
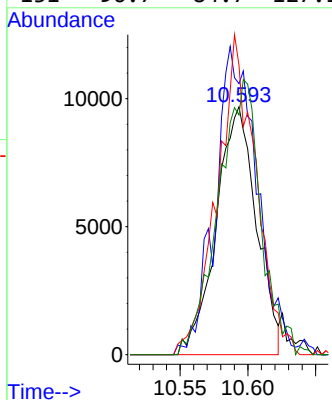
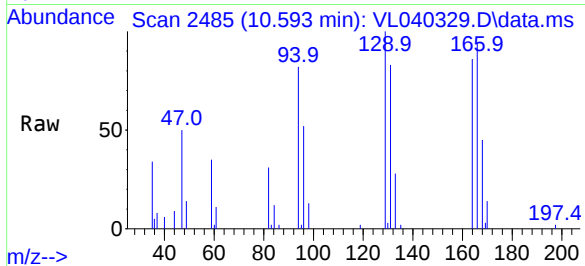




#52
Tetrachloroethene
Concen: 0.380 ppbv
RT: 10.593 min Scan# 24
Delta R.T. -0.029 min
Lab File: VL040329.D
Acq: 10 Apr 2023 17:39

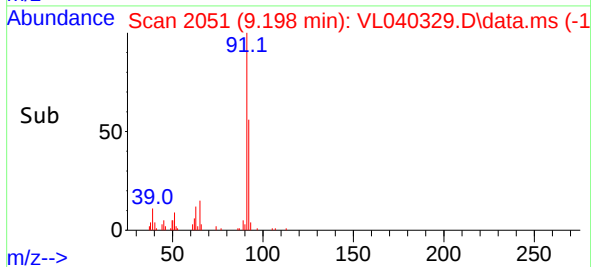
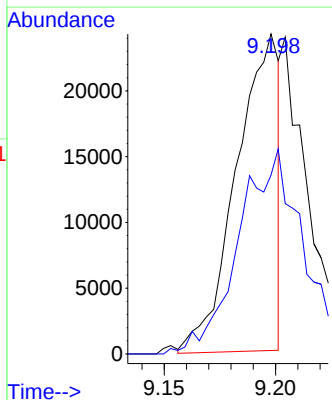
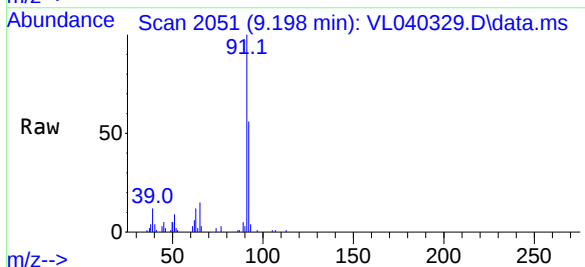
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2023

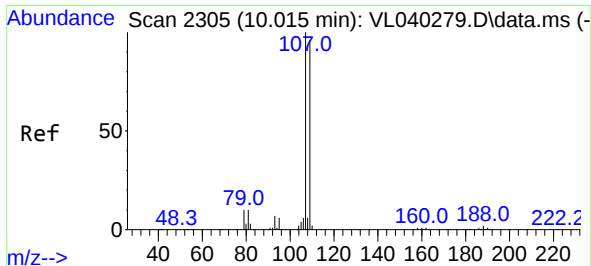
Tgt Ion:164 Resp: 20016
Ion Ratio Lower Upper
164 100
166 105.5 101.8 152.6
129 112.4 90.2 135.2
131 96.7 84.7 127.1



#53
Toluene
Concen: 0.176 ppbv
RT: 9.198 min Scan# 2051
Delta R.T. -0.029 min
Lab File: VL040329.D
Acq: 10 Apr 2023 17:39

Tgt Ion: 91 Resp: 32047
Ion Ratio Lower Upper
91 100
92 0.0 48.0 72.0#

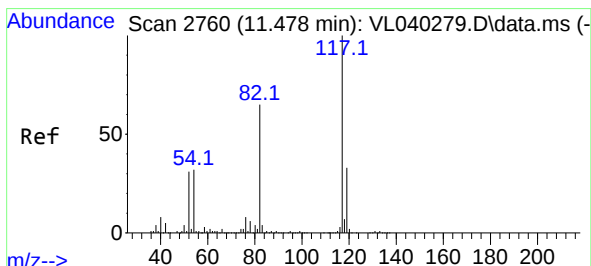
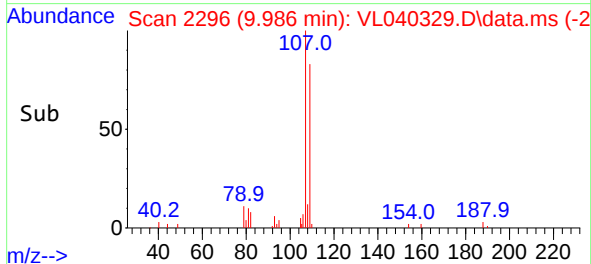
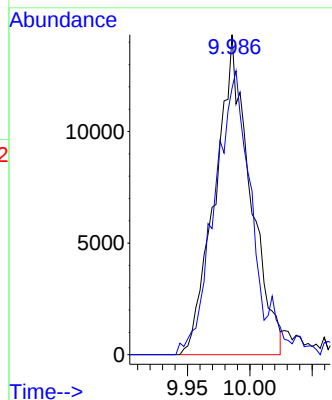
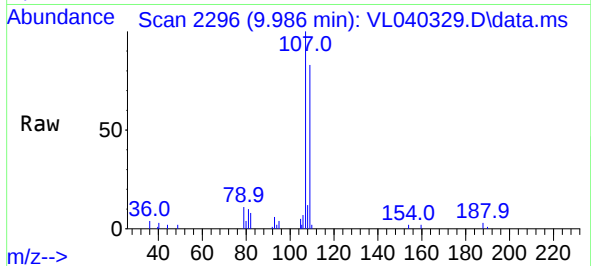




#54
1,2-Dibromoethane
Concen: 0.373 ppbv
RT: 9.986 min Scan# 21
Delta R.T. -0.029 min
Lab File: VL040329.D
Acq: 10 Apr 2023 17:39

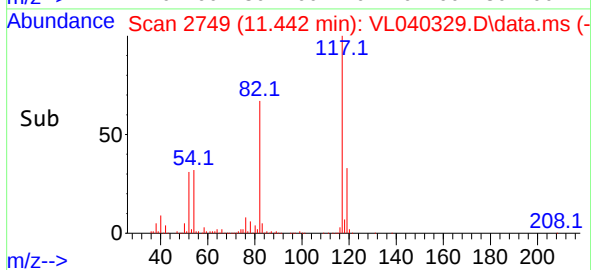
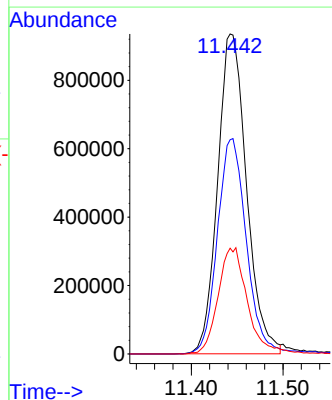
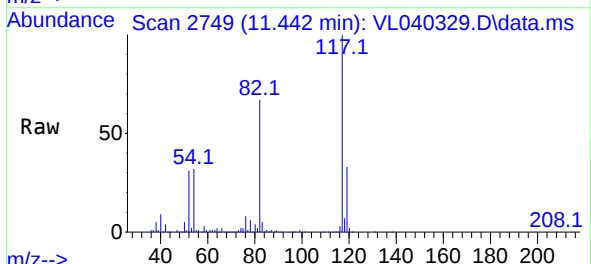
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2023

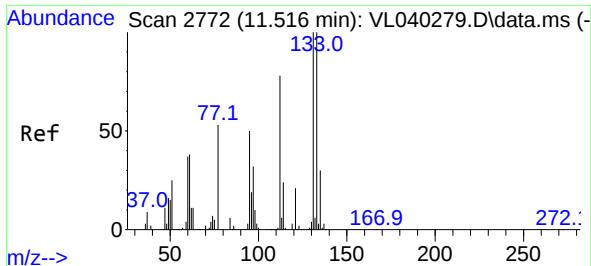
Tgt Ion:107 Resp: 27983
Ion Ratio Lower Upper
107 100
109 79.6 77.0 115.6



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.442 min Scan# 2749
Delta R.T. -0.036 min
Lab File: VL040329.D
Acq: 10 Apr 2023 17:39

Tgt Ion:117 Resp: 2048195
Ion Ratio Lower Upper
117 100
82 68.4 51.4 77.2
119 34.1 24.0 36.0

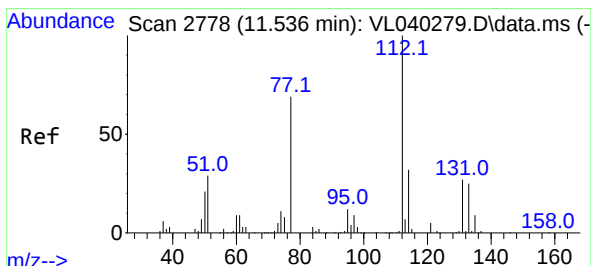
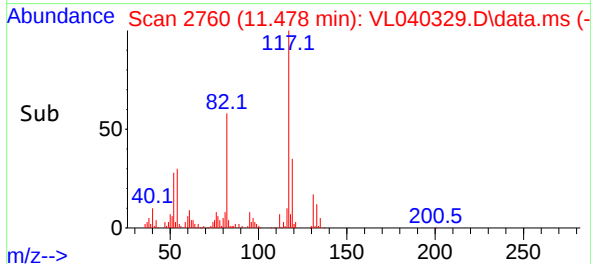
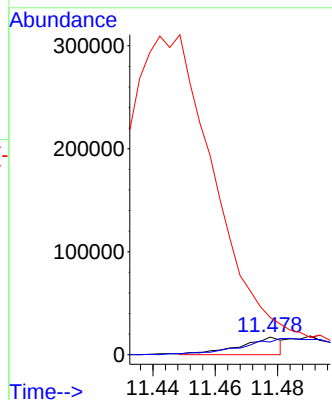
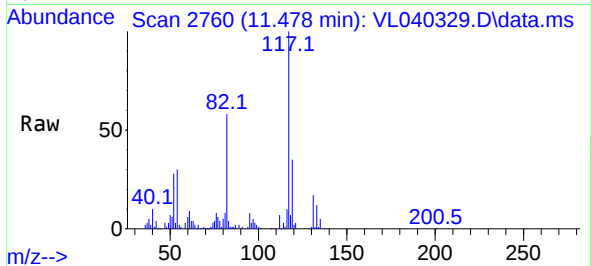




#56
1,1,1,2-Tetrachloroethane
Concen: 0.183 ppbv
RT: 11.478 min Scan# 21
Delta R.T. -0.038 min
Lab File: VL040329.D
Acq: 10 Apr 2023 17:39

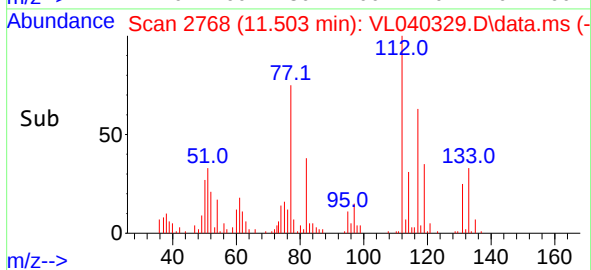
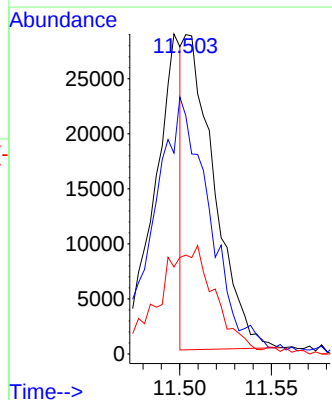
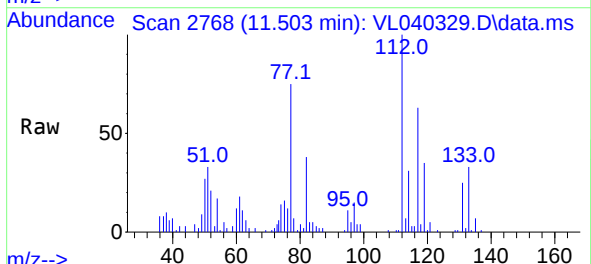
Instrument :
MSVOA_1
ClientSampleId :
LOD-MDL-AIR-01-QT2-2023

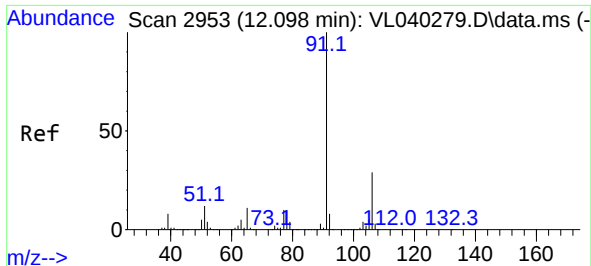
Tgt Ion:131 Resp: 15739
Ion Ratio Lower Upper
131 100
133 0.0 76.5 114.7#
119 0.0 47.9 71.9#



#57
Chlorobenzene
Concen: 0.228 ppbv
RT: 11.503 min Scan# 2768
Delta R.T. -0.033 min
Lab File: VL040329.D
Acq: 10 Apr 2023 17:39

Tgt Ion:112 Resp: 33207
Ion Ratio Lower Upper
112 100
77 73.0 56.2 84.2
114 30.8 29.0 35.4

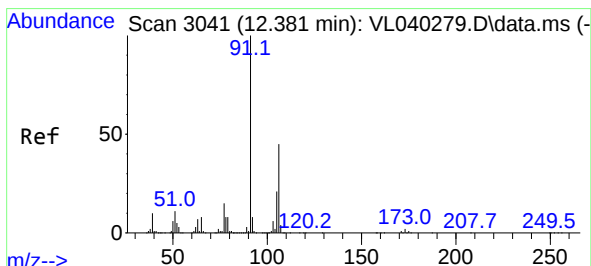
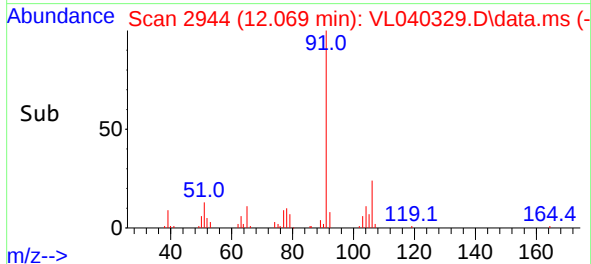
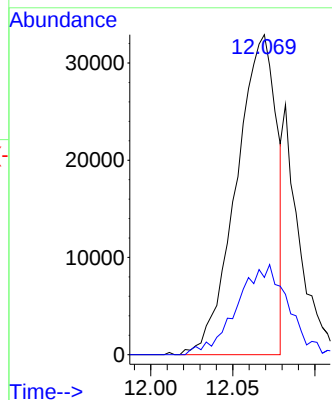
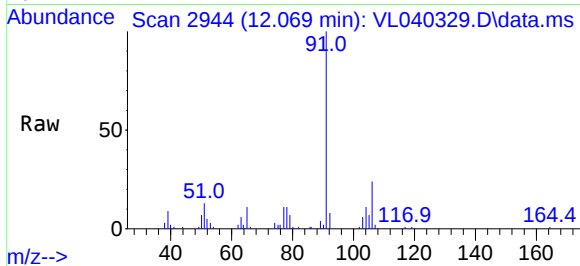




#58
Ethyl Benzene
Concen: 0.241 ppbv
RT: 12.069 min Scan# 2953
Delta R.T. -0.029 min
Lab File: VL040329.D
Acq: 10 Apr 2023 17:39

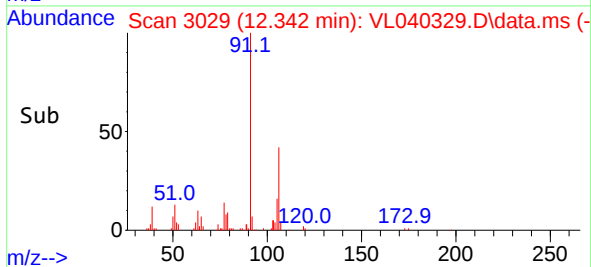
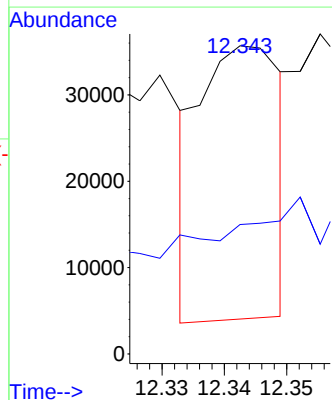
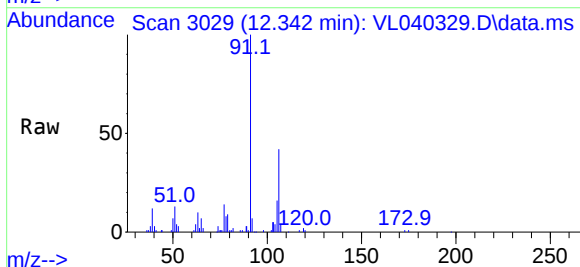
Instrument :
MSVOA_1
ClientSampleId :
LOD-MDL-AIR-01-QT2-2023

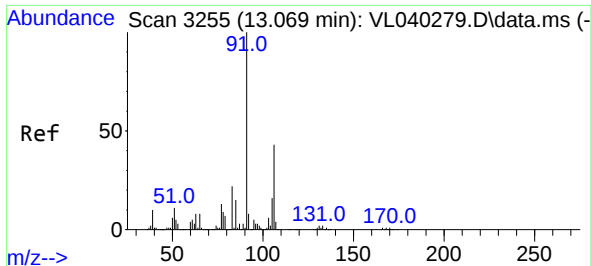
Tgt Ion: 91 Resp: 56274
Ion Ratio Lower Upper
91 100
106 24.2 23.4 35.2



#59
m/p-Xylene
Concen: 0.132 ppbv
RT: 12.342 min Scan# 3029
Delta R.T. -0.039 min
Lab File: VL040329.D
Acq: 10 Apr 2023 17:39

Tgt Ion: 91 Resp: 28300
Ion Ratio Lower Upper
91 100
106 0.0 34.0 51.0#

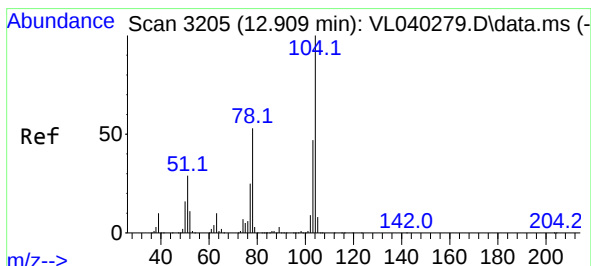
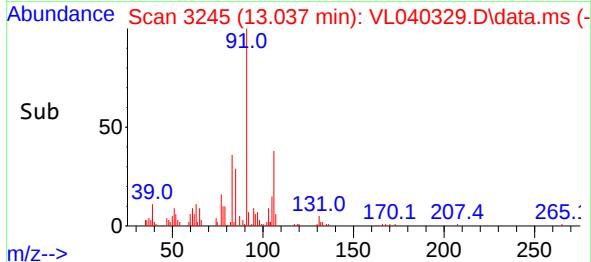
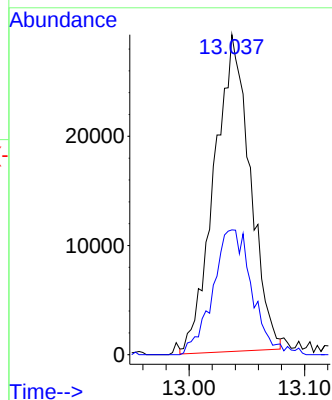
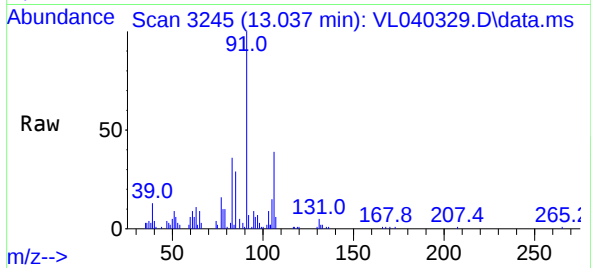




#60
o-Xylene
Concen: 0.308 ppbv
RT: 13.037 min Scan# 3194
Delta R.T. -0.032 min
Lab File: VL040329.D
Acq: 10 Apr 2023 17:39

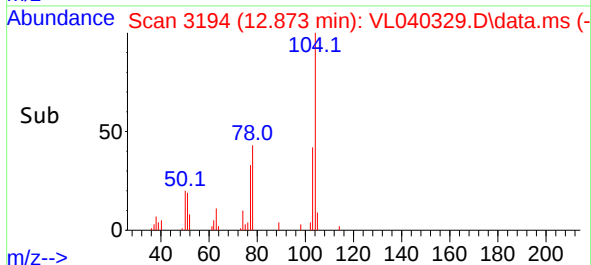
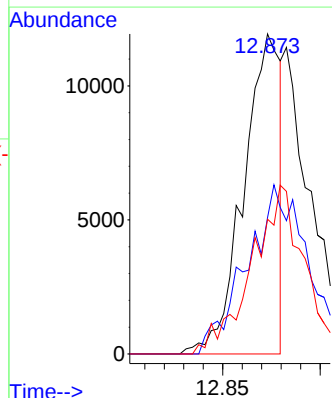
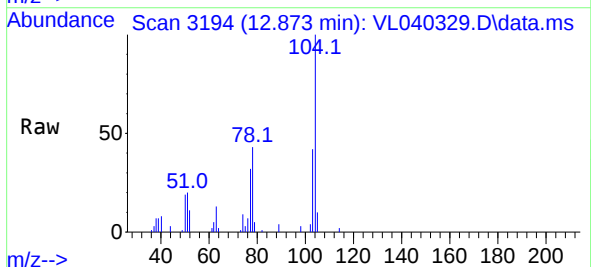
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2023

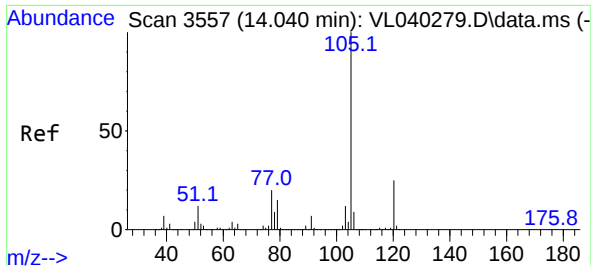
Tgt Ion: 91 Resp: 62859
Ion Ratio Lower Upper
91 100
106 43.3 21.7 65.1



#61
Styrene
Concen: 0.150 ppbv
RT: 12.873 min Scan# 3194
Delta R.T. -0.036 min
Lab File: VL040329.D
Acq: 10 Apr 2023 17:39

Tgt Ion:104 Resp: 15585
Ion Ratio Lower Upper
104 100
78 0.0 43.7 65.5#
103 0.0 37.4 56.2#

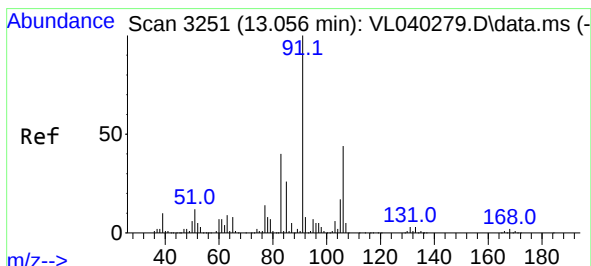
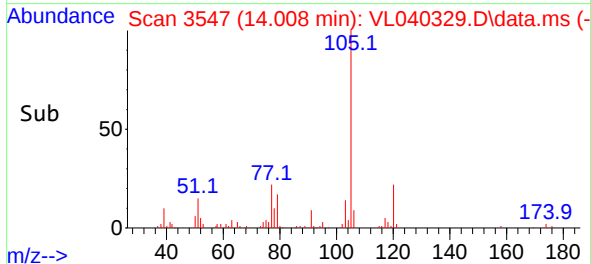
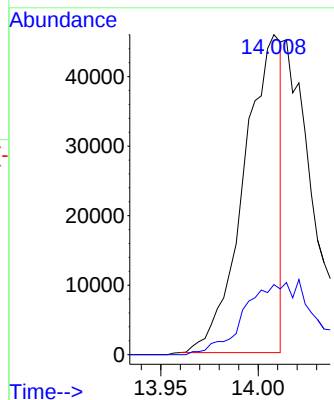
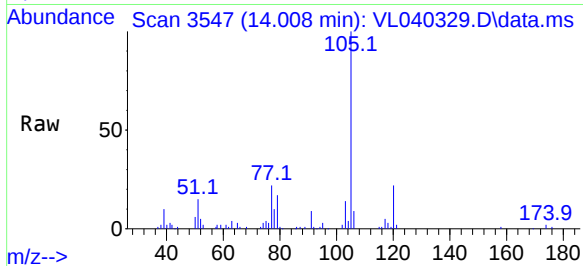




#62
Isopropylbenzene
Concen: 0.209 ppbv
RT: 14.008 min Scan# 31
Delta R.T. -0.032 min
Lab File: VL040329.D
Acq: 10 Apr 2023 17:39

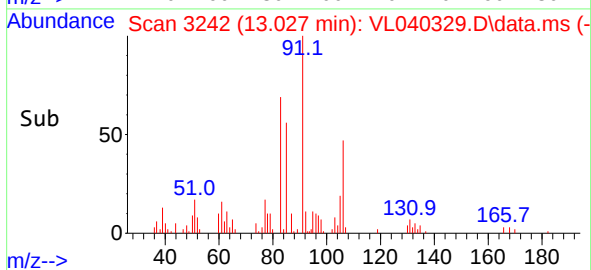
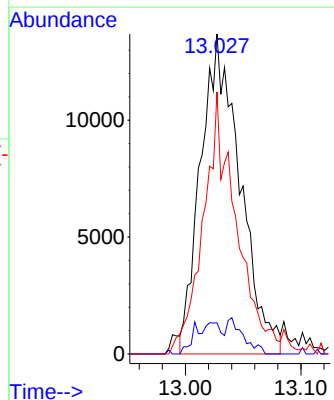
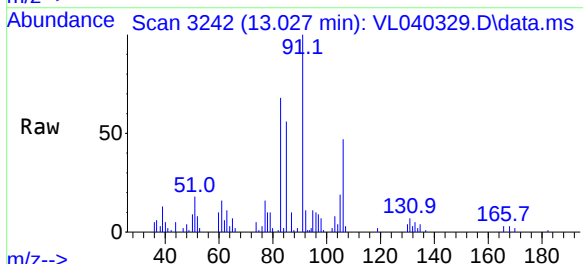
Instrument :
MSVOA_1
ClientSampleId :
LOD-MDL-AIR-01-QT2-2023

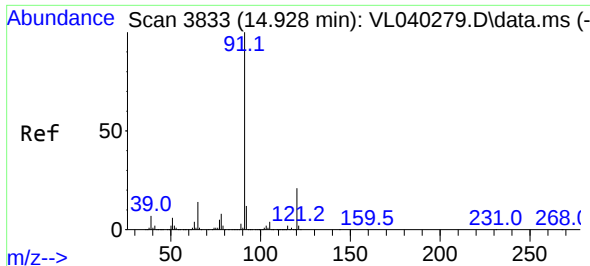
Tgt Ion:105 Resp: 60898
Ion Ratio Lower Upper
105 100
120 0.0 19.9 29.9#



#63
1,1,2,2-Tetrachloroethane
Concen: 0.451 ppbv
RT: 13.027 min Scan# 3242
Delta R.T. -0.029 min
Lab File: VL040329.D
Acq: 10 Apr 2023 17:39

Tgt Ion: 83 Resp: 32427
Ion Ratio Lower Upper
83 100
131 11.3 4.3 12.9
85 70.3 32.7 98.1

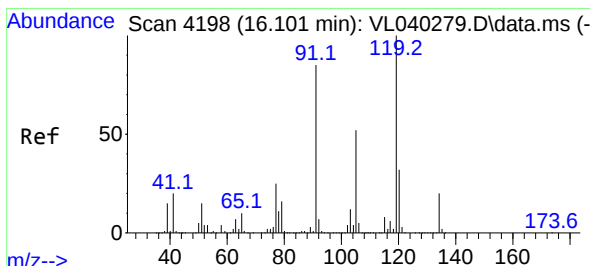
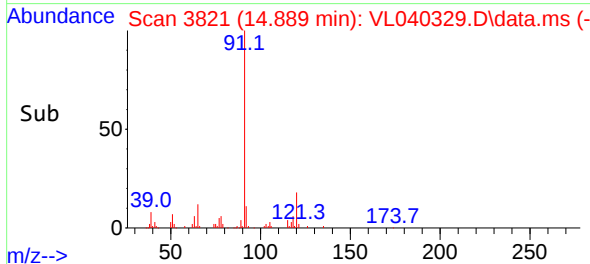
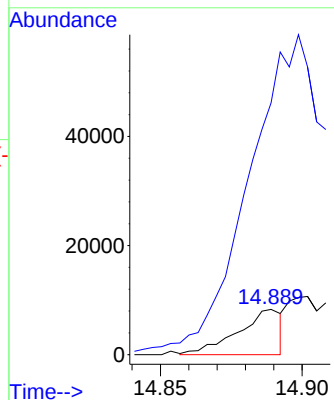
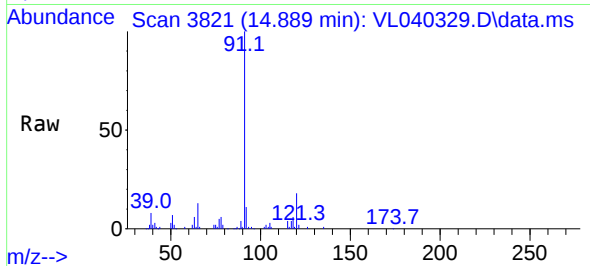




#64
n-propylbenzene
Concen: 0.125 ppbv
RT: 14.889 min Scan# 3821
Delta R.T. -0.039 min
Lab File: VL040329.D
Acq: 10 Apr 2023 17:39

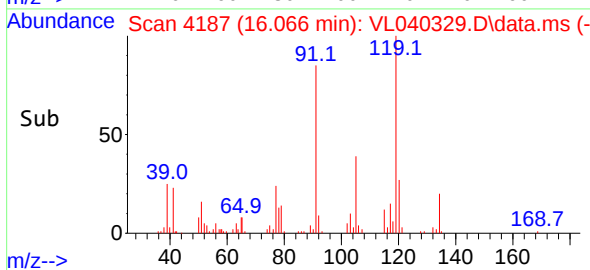
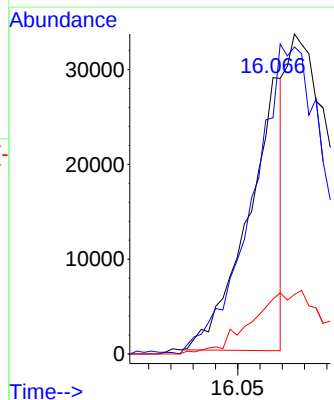
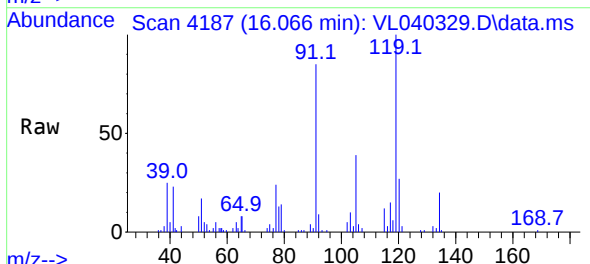
Instrument :
MSVOA_1
ClientSampleId :
LOD-MDL-AIR-01-QT2-2023

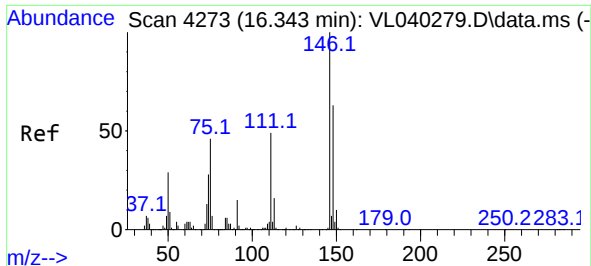
Tgt Ion:120 Resp: 8876
Ion Ratio Lower Upper
120 100
91 0.0 399.0 598.6#



#65
tert-Butylbenzene
Concen: 0.123 ppbv
RT: 16.066 min Scan# 4187
Delta R.T. -0.035 min
Lab File: VL040329.D
Acq: 10 Apr 2023 17:39

Tgt Ion:119 Resp: 30902
Ion Ratio Lower Upper
119 100
91 273.2 69.4 104.2#
134 0.0 15.8 23.6#

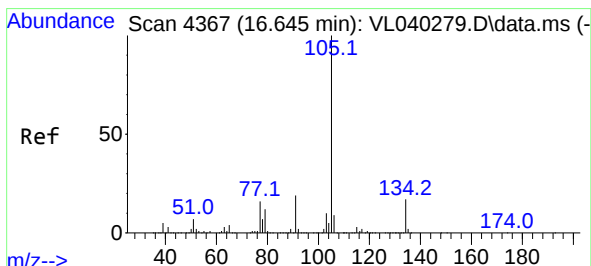
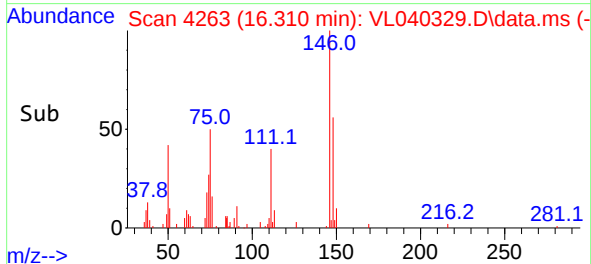
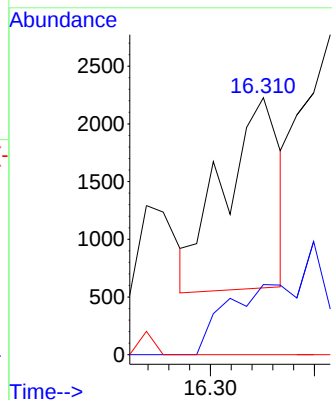
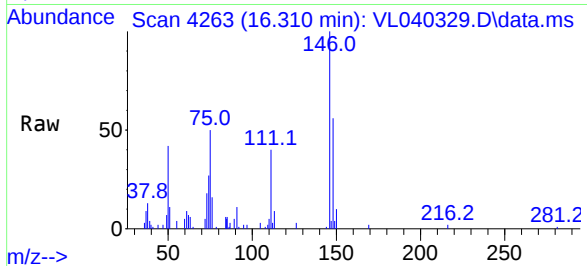




#66
Benzyl Chloride
Concen: 0.076 ppbv
RT: 16.310 min Scan# 41
Delta R.T. -0.033 min
Lab File: VL040329.D
Acq: 10 Apr 2023 17:39

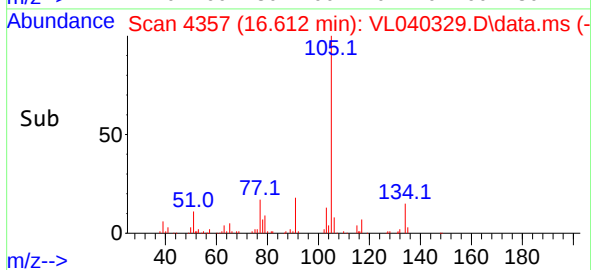
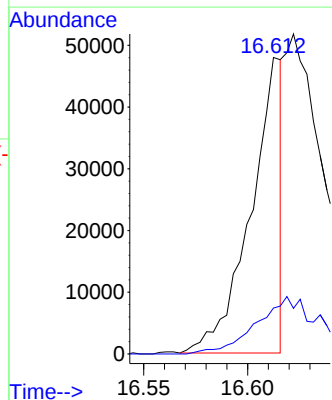
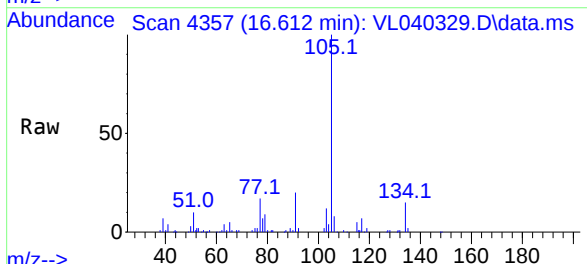
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2023

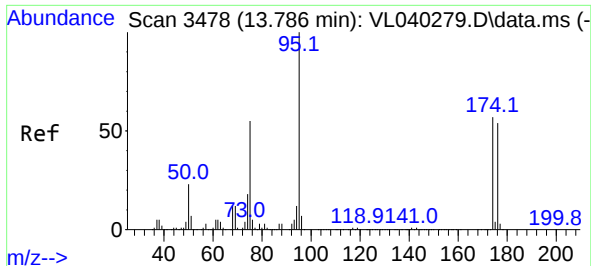
Tgt Ion: 91 Resp: 1243
Ion Ratio Lower Upper
91 100
126 0.0 12.1 18.1#
128 0.0 3.8 5.6#



#67
sec-Butylbenzene
Concen: 0.140 ppbv
RT: 16.612 min Scan# 4357
Delta R.T. -0.033 min
Lab File: VL040329.D
Acq: 10 Apr 2023 17:39

Tgt Ion: 105 Resp: 50174
Ion Ratio Lower Upper
105 100
134 0.0 14.0 21.0#

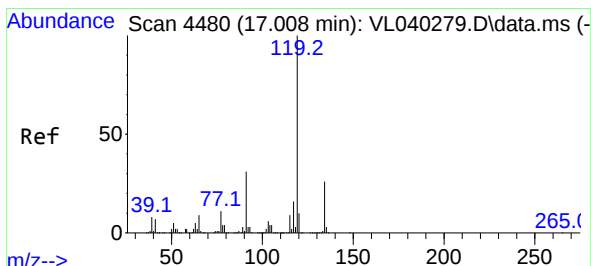
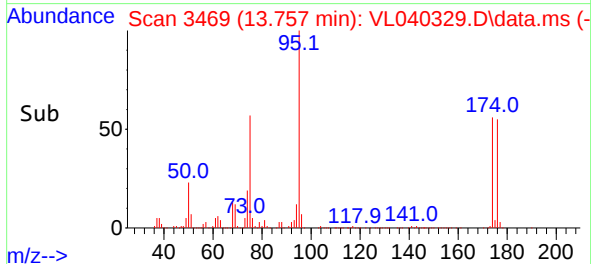
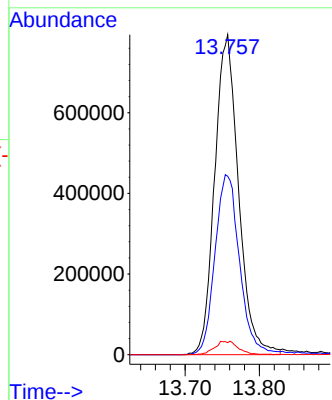
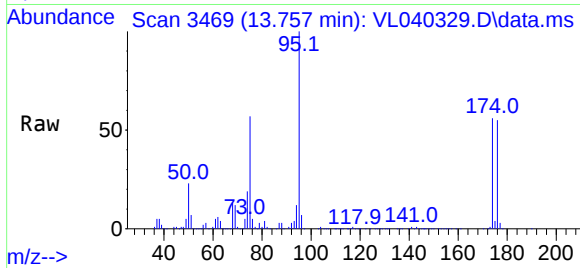




#68
1-Bromo-4-Fluorobenzene
Concen: 10.332 ppbv
RT: 13.757 min Scan# 3478
Delta R.T. -0.029 min
Lab File: VL040329.D
Acq: 10 Apr 2023 17:39

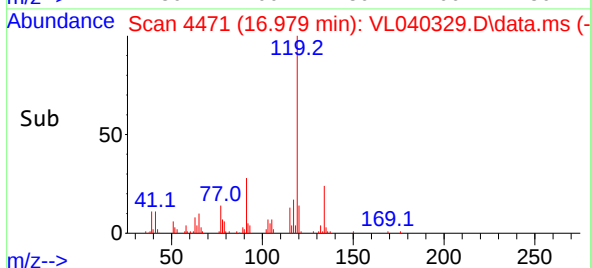
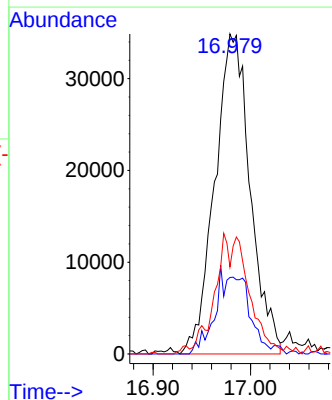
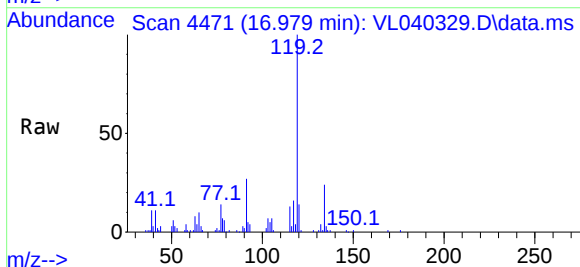
Instrument : MSVOA_1
ClientSampleId :
LOD-MDL-AIR-01-QT2-2023

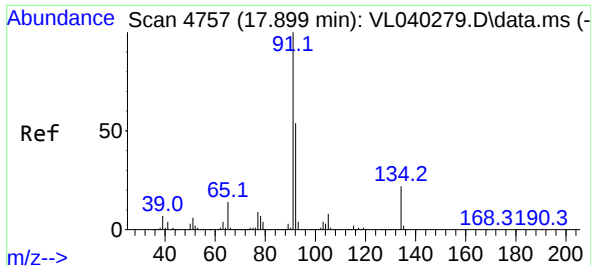
Tgt Ion: 95 Resp: 1772139
Ion Ratio Lower Upper
95 100
174 59.4 47.0 70.6
175 4.2 3.4 5.2



#69
p-Isopropyltoluene
Concen: 0.315 ppbv
RT: 16.979 min Scan# 4471
Delta R.T. -0.029 min
Lab File: VL040329.D
Acq: 10 Apr 2023 17:39

Tgt Ion: 119 Resp: 88052
Ion Ratio Lower Upper
119 100
134 25.3 20.2 30.2
91 36.7 25.1 37.7

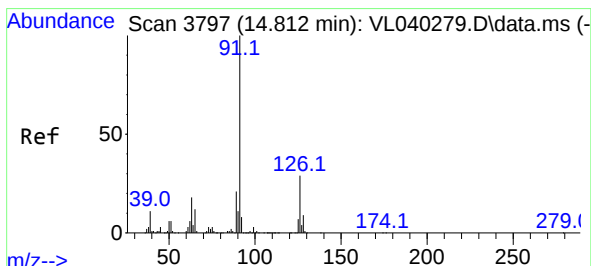
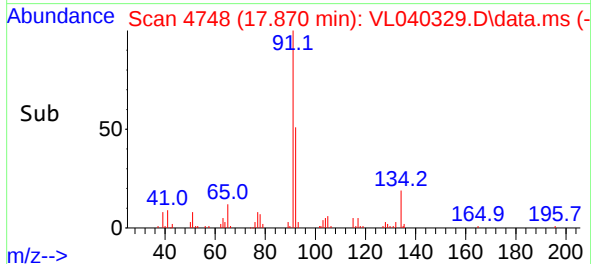
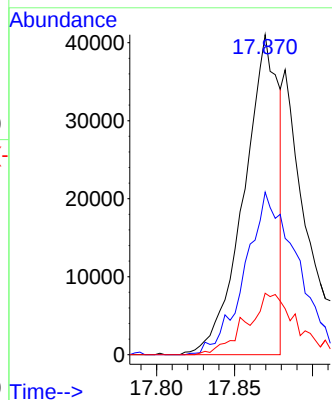
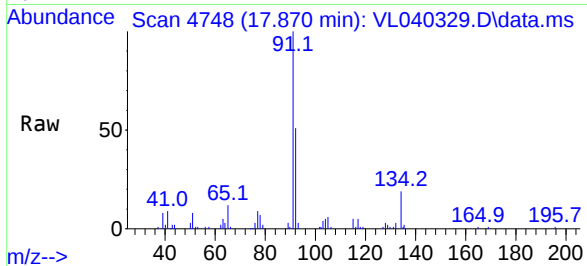




#70
n-Butylbenzene
Concen: 0.206 ppbv
RT: 17.870 min Scan# 41
Delta R.T. -0.029 min
Lab File: VL040329.D
Acq: 10 Apr 2023 17:39

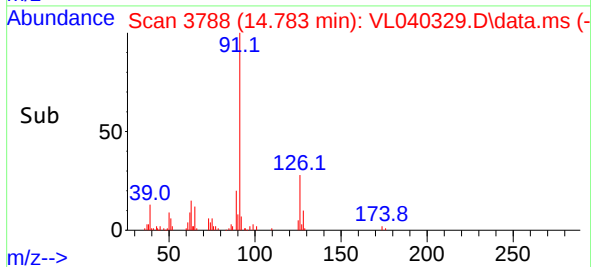
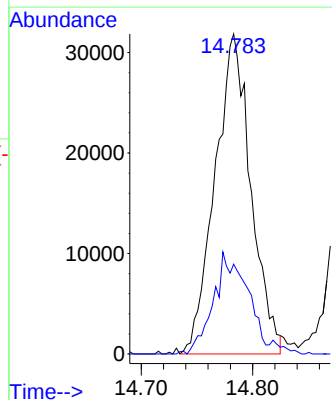
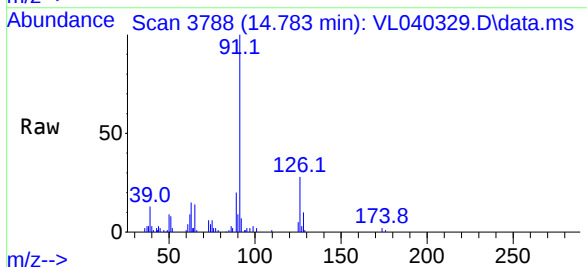
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2023

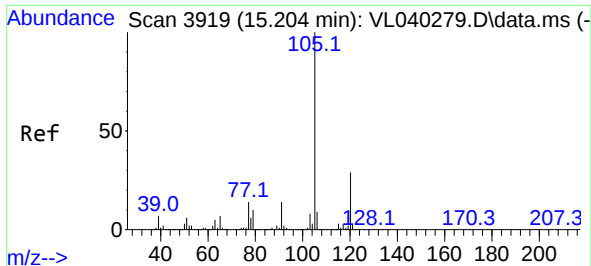
Tgt Ion: 91 Resp: 63438
Ion Ratio Lower Upper
91 100
92 81.1 42.9 64.3#
134 28.7 16.8 25.2#



#71
2-Chlorotoluene
Concen: 0.322 ppbv
RT: 14.783 min Scan# 3788
Delta R.T. -0.029 min
Lab File: VL040329.D
Acq: 10 Apr 2023 17:39

Tgt Ion: 91 Resp: 71377
Ion Ratio Lower Upper
91 100
126 31.5 11.8 47.4

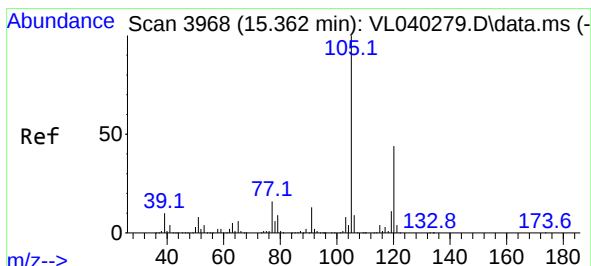
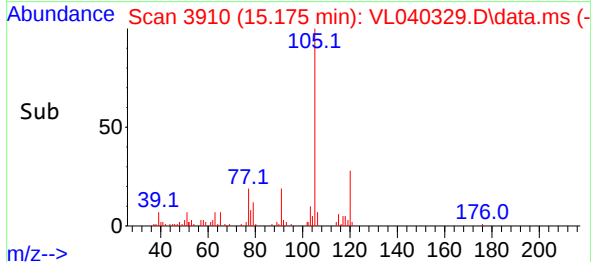
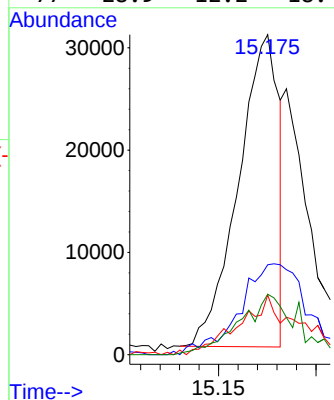
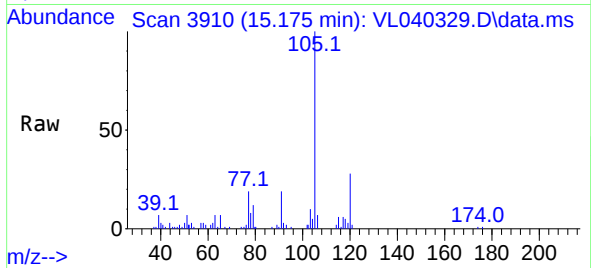




#72
4-Ethyltoluene
Concen: 0.196 ppbv
RT: 15.175 min Scan# 3910
Delta R.T. -0.029 min
Lab File: VL040329.D
Acq: 10 Apr 2023 17:39

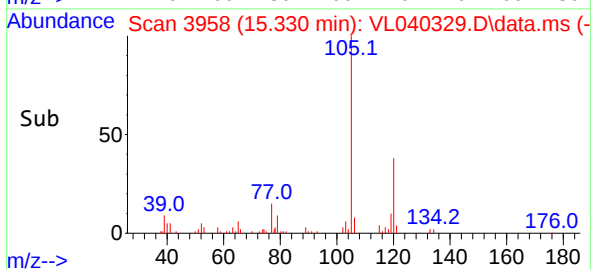
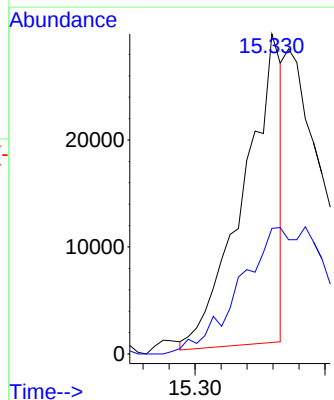
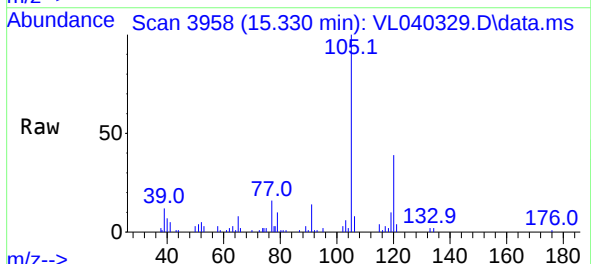
Instrument : MSVOA_1
ClientSampleId : LOD-MDL-AIR-01-QT2-2023

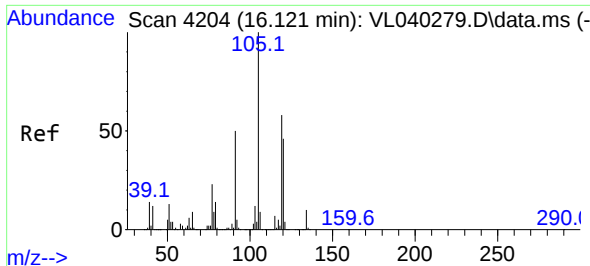
Tgt Ion:105	Resp:	43811
Ion	Ratio	Lower Upper
105	100	
120	48.9	23.7 35.5#
91	29.6	11.6 17.4#
77	28.9	12.2 18.4#



#73
1,3,5-Trimethylbenzene
Concen: 0.146 ppbv
RT: 15.330 min Scan# 3958
Delta R.T. -0.032 min
Lab File: VL040329.D
Acq: 10 Apr 2023 17:39

Tgt Ion:105	Resp:	29602
Ion	Ratio	Lower Upper
105	100	
120	39.1	34.9 52.3

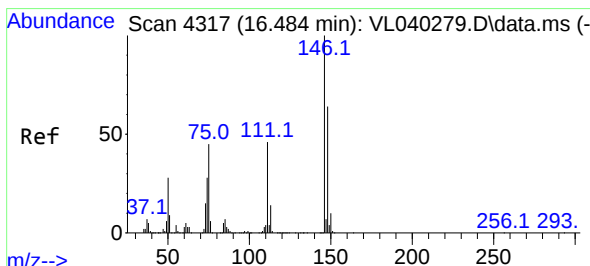
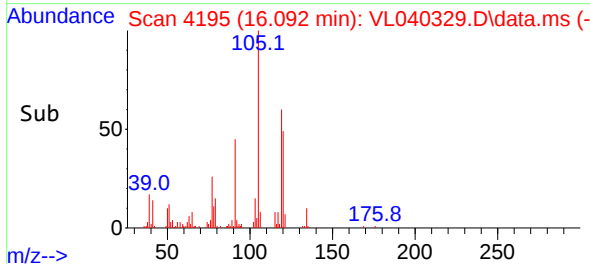
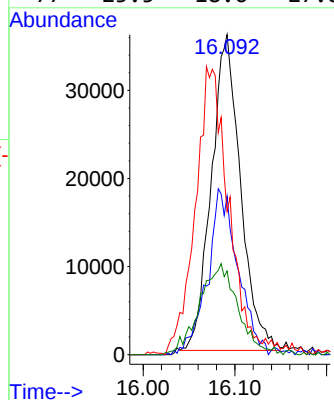
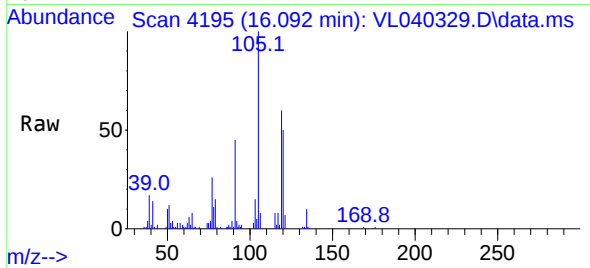




#74
1,2,4-Trimethylbenzene
Concen: 0.344 ppbv
RT: 16.092 min Scan# 4195
Delta R.T. -0.029 min
Lab File: VL040329.D
Acq: 10 Apr 2023 17:39

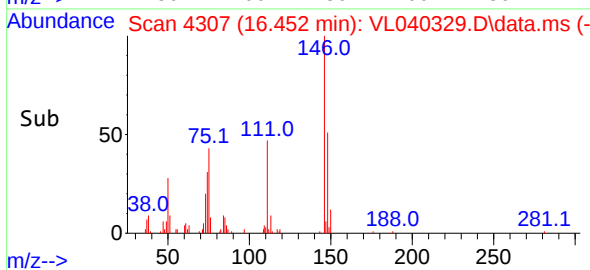
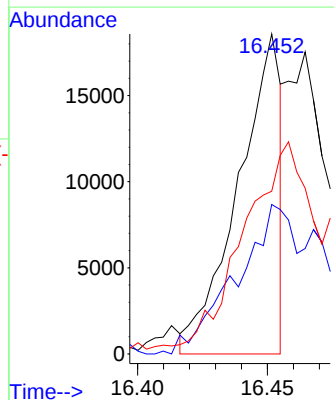
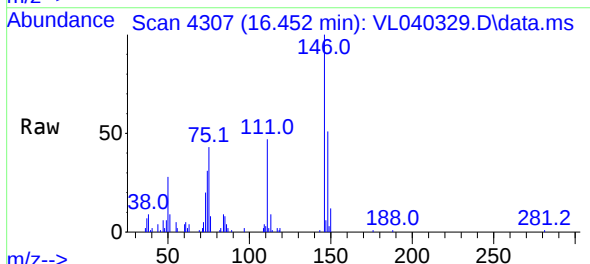
Instrument : MSVOA_1
ClientSampleId :
LOD-MDL-AIR-01-QT2-2023

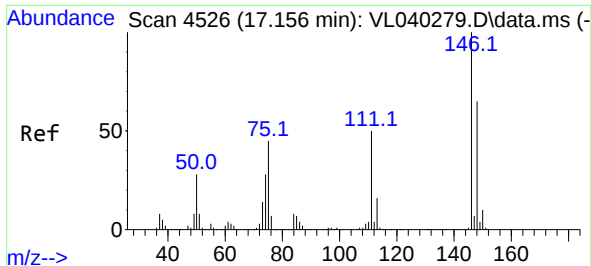
Tgt Ion:	105	Resp:	79357
Ion	Ratio	Lower	Upper
105	100		
120	49.6	36.6	54.8
91	43.6	39.9	59.9
77	25.5	18.6	27.8



#76
1,4-Dichlorobenzene
Concen: 0.178 ppbv
RT: 16.452 min Scan# 4307
Delta R.T. -0.032 min
Lab File: VL040329.D
Acq: 10 Apr 2023 17:39

Tgt Ion:	146	Resp:	21221
Ion	Ratio	Lower	Upper
146	100		
111	106.8	23.8	71.2#
148	0.0	32.5	97.5#

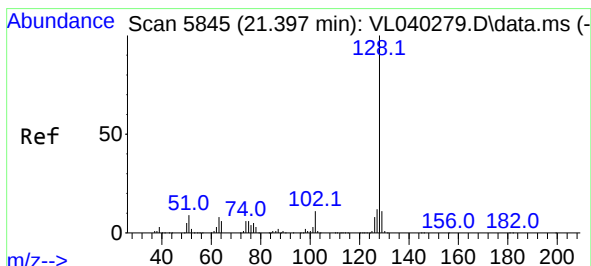
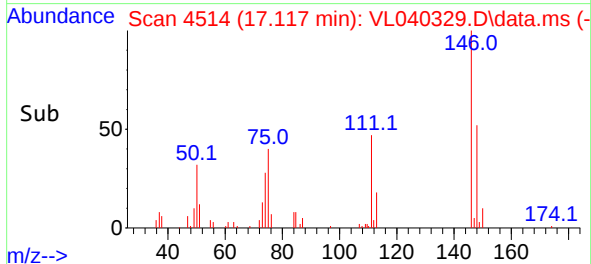
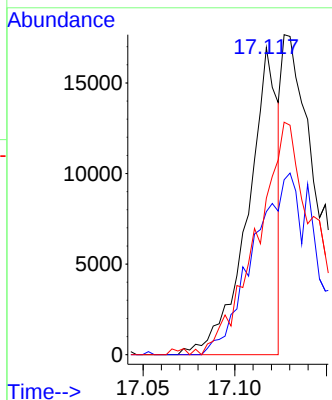
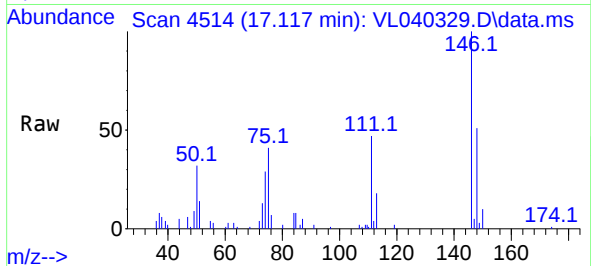




#77
1,2-Dichlorobenzene
Concen: 0.161 ppbv
RT: 17.117 min Scan# 4514
Delta R.T. -0.039 min
Lab File: VL040329.D
Acq: 10 Apr 2023 17:39

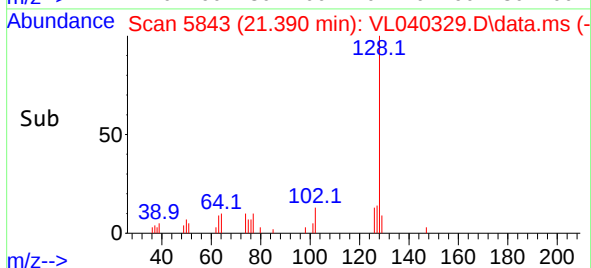
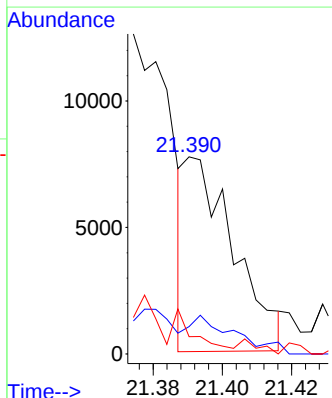
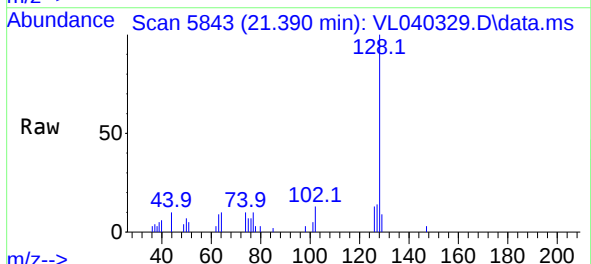
Instrument :
MSVOA_1
ClientSampleId :
LOD-MDL-AIR-01-QT2-2023

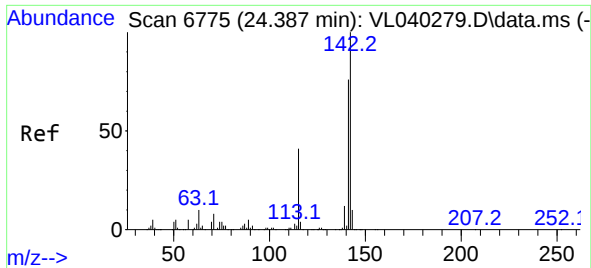
Tgt Ion:146 Resp: 19304
Ion Ratio Lower Upper
146 100
111 0.0 25.2 75.6#
148 0.0 32.1 96.3#



#79
Naphthalene
Concen: 0.056 ppbv
RT: 21.390 min Scan# 5843
Delta R.T. -0.007 min
Lab File: VL040329.D
Acq: 10 Apr 2023 17:39

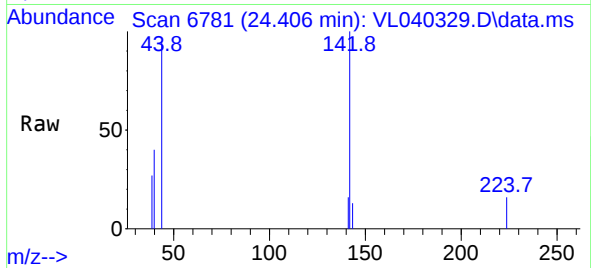
Tgt Ion:128 Resp: 7579
Ion Ratio Lower Upper
128 100
127 10.1 9.6 14.4
129 11.2 8.6 13.0





#80
Naphthalene, 2-methyl-
Concen: 0.093 ppbv
RT: 24.406 min Scan# 61
Delta R.T. 0.019 min
Lab File: VL040329.D
Acq: 10 Apr 2023 17:39

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2023



Tgt Ion:142 Resp: 3219
Ion Ratio Lower Upper
142 100
141 24.0 65.5 98.3#
115 58.3 33.5 50.3#

