

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL041023\
 Data File : VL040328.D
 Acq On : 10 Apr 2023 17:02
 Operator : SY/MD
 Sample : 02213-13 LOD 0.45
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

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

Quant Time: Apr 11 02:07:55 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	888050	10.000	ppbv	-0.03
33) 1,4-Difluorobenzene	6.626	114	2288126	10.000	ppbv	-0.03
55) Chlorobenzene-d5	11.442	117	2080379	10.000	ppbv	-0.04

System Monitoring Compounds
 68) 1-Bromo-4-Fluorobenzene 13.754 95 1788351 10.265 ppbv -0.03
 Spiked Amount 10.000 Range 65 - 135 Recovery = 102.700%

Target Compounds					Qvalue
2) Dichlorodifluoromethane	2.700	85	95746	0.550 ppbv	94
3) Chlorodifluoromethane	2.645	51	55401	0.496 ppbv	98
4) Chloromethane	2.784	50	37049	0.537 ppbv	94
5) Vinyl Chloride	2.890	62	27107	0.485 ppbv	100
6) Bromomethane	3.092	94	10597	0.547 ppbv	88
7) Chloroethane	3.169	64	5214	0.243 ppbv #	85
8) Dichlorotetrafluoroethane	2.825	85	81031	0.543 ppbv	99
9) Propene	2.661	41	20738	0.485 ppbv	99
10) Heptane	7.552	43	21575	0.210 ppbv #	32
11) Trichlorofluoromethane	3.533	101	80743	0.511 ppbv	100
12) 1,1,2-Trichlorotrifluo...	4.038	101	58872	0.497 ppbv	97
13) Ethanol	3.218	45	299	0.095 ppbv #	1
14) Bromoethene	3.340	108	21420	0.484 ppbv #	92
15) Acetone	3.456	43	65662	0.607 ppbv #	88
16) 1,3-Butadiene	2.954	39	21862	0.445 ppbv	96
17) tert-Butyl alcohol	3.864	59	46184	0.449 ppbv #	93
18) 1,1-Dichloroethene	3.854	96	25759	0.506 ppbv	87
19) Isopropyl Alcohol	3.568	45	24863	0.480 ppbv #	92
20) Methylene Chloride	3.906	84	25257	0.555 ppbv	94
21) Allyl Chloride	3.967	41	30735	0.439 ppbv	92
22) trans-1,2-Dichloroethene	4.420	96	18941	0.366 ppbv	89
23) Vinyl Acetate	4.607	43	12879	0.428 ppbv #	72
24) 1,1-Dichloroethane	4.536	63	54510	0.508 ppbv	99
25) Ethyl Acetate	5.185	43	94059	0.465 ppbv	98
26) Hexane	5.185	57	36060	0.434 ppbv	84
27) Carbon Disulfide	4.099	76	47915	0.413 ppbv #	87
28) Methyl tert-Butyl Ether	4.565	73	44383	0.465 ppbv	96
29) Chloroform	5.243	83	76244	0.520 ppbv	96
30) Cyclohexane	6.571	84	12956	0.198 ppbv #	1
31) cis-1,2-Dichloroethene	5.050	61	37159	0.459 ppbv #	88
32) 1,1,1-Trichloroethane	5.980	97	28329	0.202 ppbv #	1
34) 2-Butanone	4.767	43	23477	0.208 ppbv #	53
35) Carbon Tetrachloride	6.465	117	40513	0.282 ppbv	92
36) Benzene	6.343	78	73815	0.423 ppbv	95
37) 1,2-Dichloroethane	5.780	62	57733	0.509 ppbv	100
38) Trichloroethene	7.266	130	36631	0.384 ppbv	97
39) 1,2-Dichloropropane	7.047	63	29911	0.437 ppbv	99
40) 1,4-Dioxane	7.298	88	10472	0.387 ppbv #	68
41) Tetrahydrofuran	5.549	42	10854	0.167 ppbv #	21
42) Bromodichloromethane	7.221	83	62491	0.403 ppbv	96
43) Methyl Methacrylate	7.459	69	22072	0.341 ppbv	91
44) 2,2,4-Trimethylpentane	7.298	57	70143	0.241 ppbv #	42
45) t-1,3-Dichloropropene	8.687	75	13819	0.245 ppbv	90

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL041023\
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 Misc : 400mL/MSVOA_L
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Instrument :
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 LOD-MDL-AIR-01-QT2-2023

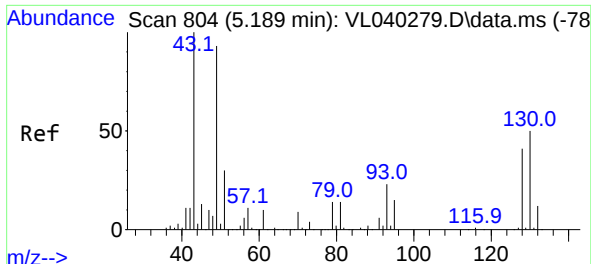
Quant Time: Apr 11 02:07:55 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL031523AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Wed Mar 15 16:14:43 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
46) cis-1,3-Dichloropropene	8.118	75	24389	0.304	ppbv	#	95
47) 1,1,2-Trichloroethane	8.873	97	22360	0.306	ppbv	#	81
48) Dibromochloromethane	9.690	129	21914	0.182	ppbv	#	1
49) Bromoform	12.381	173	17350	0.192	ppbv	#	27
51) 2-Hexanone	9.542	43	14497	0.107	ppbv	#	30
52) Tetrachloroethene	10.574	164	5899	0.112	ppbv	#	69
53) Toluene	9.198	91	38418	0.210	ppbv	#	57
54) 1,2-Dibromoethane	9.992	107	12790	0.170	ppbv		88
56) 1,1,1,2-Tetrachloroethane	11.484	131	45869	0.524	ppbv	#	1
57) Chlorobenzene	11.497	112	57062	0.386	ppbv	#	90
58) Ethyl Benzene	12.069	91	84263	0.356	ppbv	#	87
59) m/p-Xylene	12.333	91	42280	0.195	ppbv	#	33
60) o-Xylene	13.034	91	40528	0.195	ppbv	#	32
61) Styrene	12.880	104	29022	0.276	ppbv		92
62) Isopropylbenzene	14.002	105	50964	0.173	ppbv	#	50
63) 1,1,2,2-Tetrachloroethane	13.028	83	23163	0.317	ppbv	#	43
64) n-propylbenzene	14.889	120	12952	0.179	ppbv	#	1
65) tert-Butylbenzene	16.072	119	98558	0.387	ppbv		89
66) Benzyl Chloride	16.310	91	2829	0.171	ppbv	#	73
67) sec-Butylbenzene	16.616	105	144462	0.397	ppbv		99
69) p-Isopropyltoluene	16.979	119	107900	0.381	ppbv		97
70) n-Butylbenzene	17.870	91	77711	0.249	ppbv	#	41
71) 2-Chlorotoluene	14.783	91	85602	0.381	ppbv		97
72) 4-Ethyltoluene	15.175	105	82839	0.365	ppbv	#	94
73) 1,3,5-Trimethylbenzene	15.333	105	48433	0.236	ppbv		88
74) 1,2,4-Trimethylbenzene	16.092	105	70280	0.300	ppbv	#	86
75) 1,3-Dichlorobenzene	16.301	146	19464	0.153	ppbv	#	23
76) 1,4-Dichlorobenzene	16.449	146	20442	0.169	ppbv	#	1
77) 1,2-Dichlorobenzene	17.124	146	30053	0.246	ppbv	#	25
78) Hexachloro-1,3-Butadiene	22.612	225	44506	0.498	ppbv		98
80) Naphthalene,2-methyl-	24.374	142	11647	0.332	ppbv	#	69
81) 1,2,4-Trichlorobenzene	21.111	180	9114	0.107	ppbv	#	12

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

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-OT2-2023

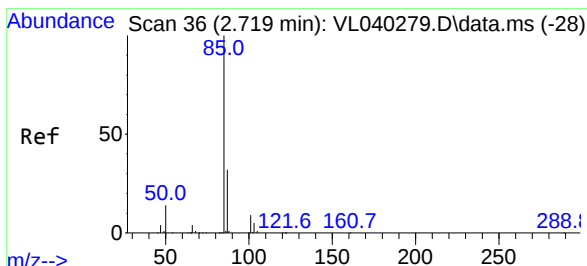
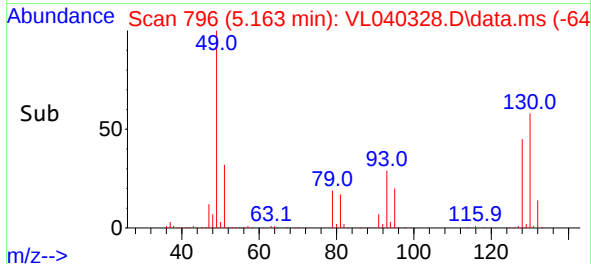
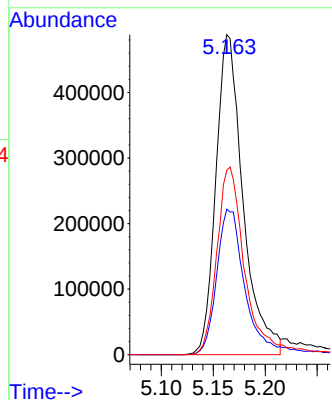
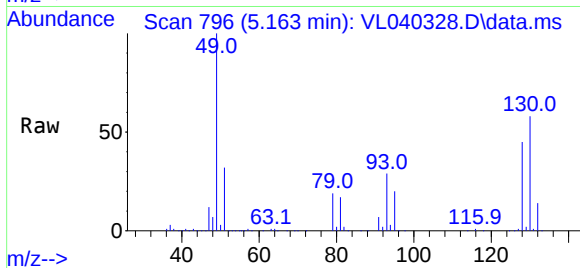
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#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.163 min Scan# 79
Delta R.T. -0.026 min
Lab File: VL040328.D
Acq: 10 Apr 2023 17:02

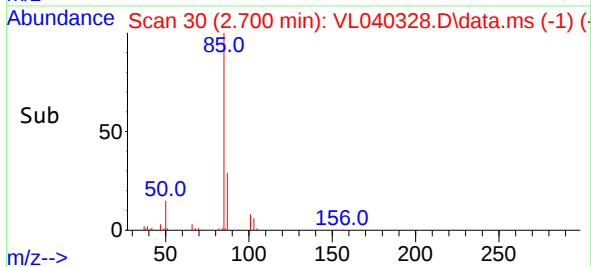
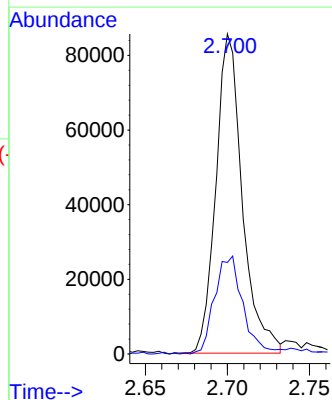
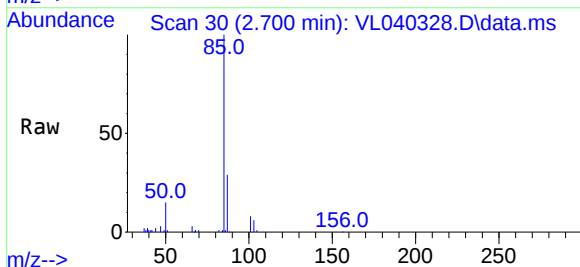
Instrument : MSVOA_1
ClientSampleId : LOD-MDL-AIR-01-QT2-2023

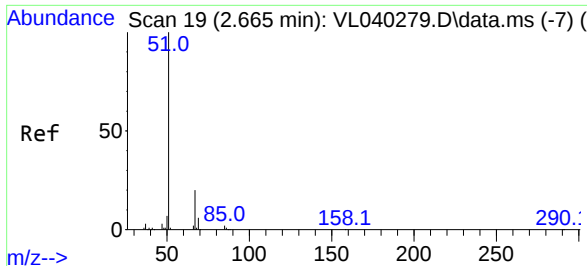
Tgt Ion: 49 Resp: 888050
Ion Ratio Lower Upper
49 100
128 49.5 22.4 67.3
130 62.3 28.7 86.1



#2
Dichlorodifluoromethane
Concen: 0.550 ppbv
RT: 2.700 min Scan# 30
Delta R.T. -0.019 min
Lab File: VL040328.D
Acq: 10 Apr 2023 17:02

Tgt Ion: 85 Resp: 95746
Ion Ratio Lower Upper
85 100
87 28.7 25.5 38.3

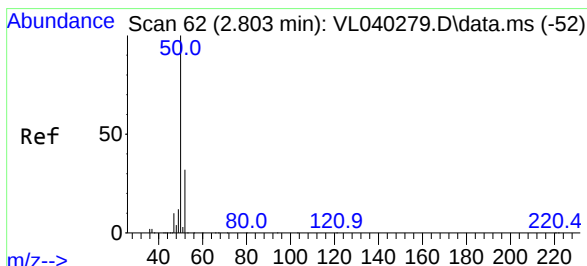
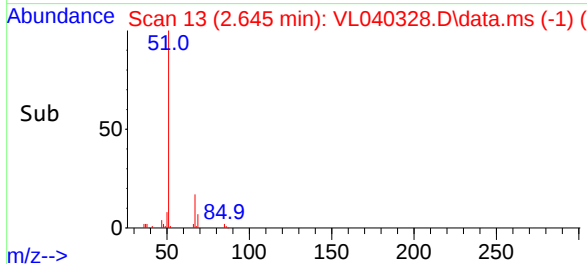
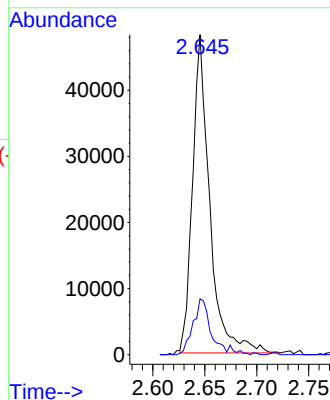
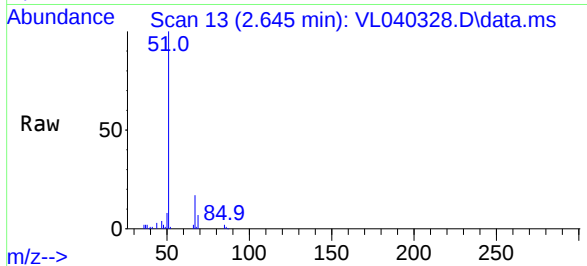




#3
Chlorodifluoromethane
Concen: 0.496 ppbv
RT: 2.645 min Scan# 11
Delta R.T. -0.020 min
Lab File: VL040328.D
Acq: 10 Apr 2023 17:02

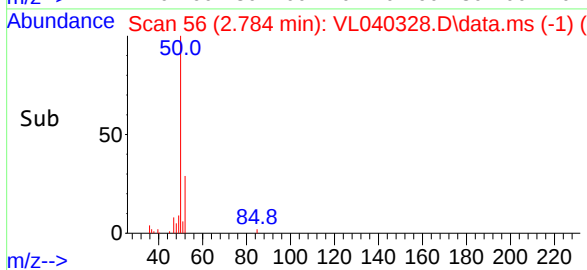
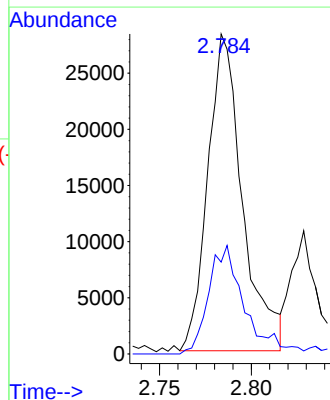
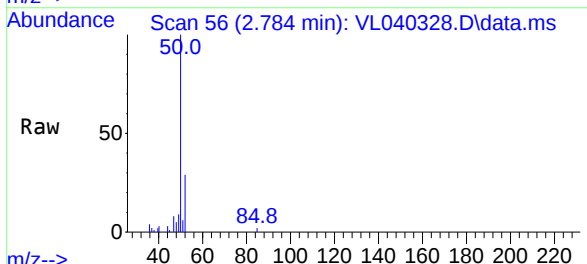
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2023

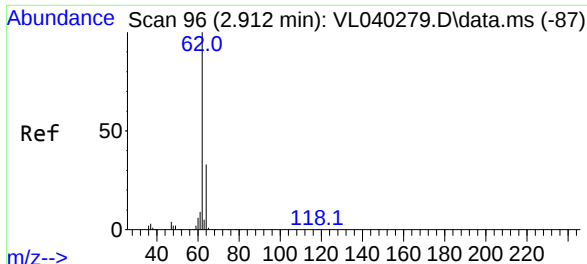
Tgt Ion: 51 Resp: 55401
Ion Ratio Lower Upper
51 100
67 18.9 16.0 24.0



#4
Chloromethane
Concen: 0.537 ppbv
RT: 2.784 min Scan# 56
Delta R.T. -0.019 min
Lab File: VL040328.D
Acq: 10 Apr 2023 17:02

Tgt Ion: 50 Resp: 37049
Ion Ratio Lower Upper
50 100
52 29.0 25.9 38.9

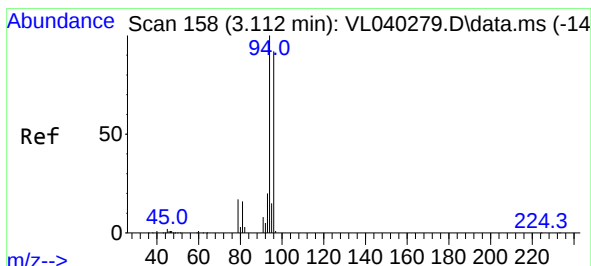
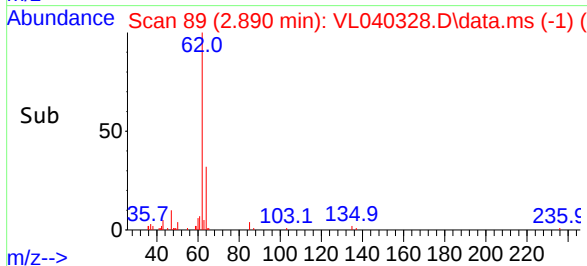
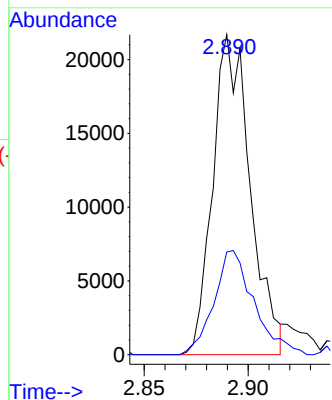
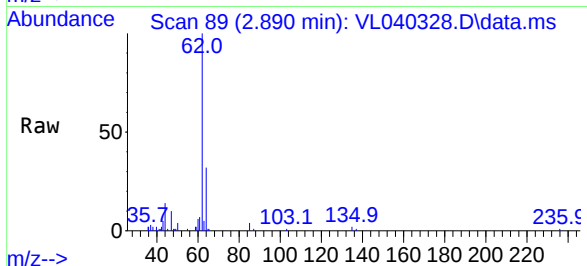




#5
 Vinyl Chloride
 Concen: 0.485 ppbv
 RT: 2.890 min Scan# 89
 Delta R.T. -0.022 min
 Lab File: VL040328.D
 Acq: 10 Apr 2023 17:02

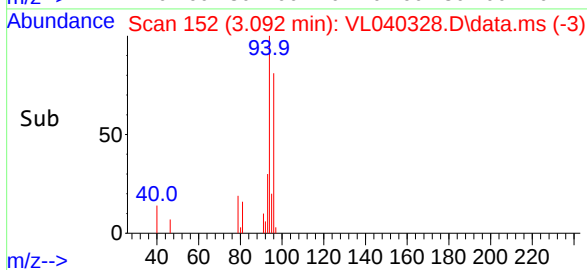
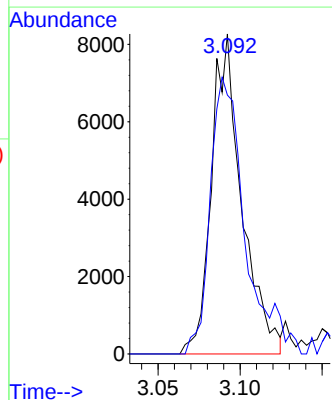
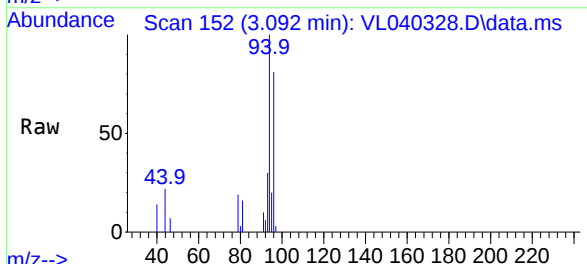
Instrument :
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 ClientSampleId :
 LOD-MDL-AIR-01-QT2-2023

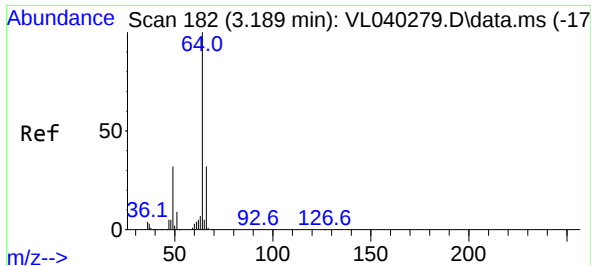
Tgt Ion: 62 Resp: 27107
 Ion Ratio Lower Upper
 62 100
 64 33.2 26.4 39.6



#6
 Bromomethane
 Concen: 0.547 ppbv
 RT: 3.092 min Scan# 152
 Delta R.T. -0.020 min
 Lab File: VL040328.D
 Acq: 10 Apr 2023 17:02

Tgt Ion: 94 Resp: 10597
 Ion Ratio Lower Upper
 94 100
 96 80.9 73.7 110.5

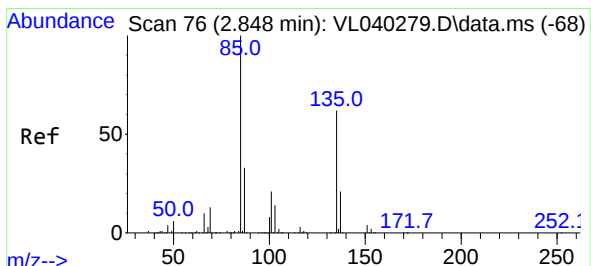
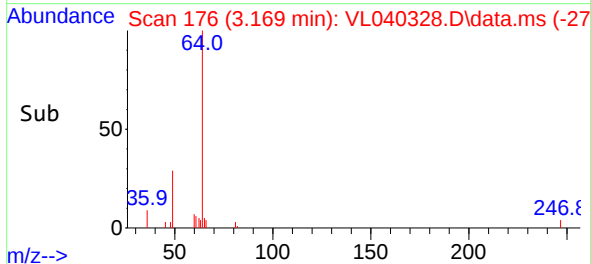
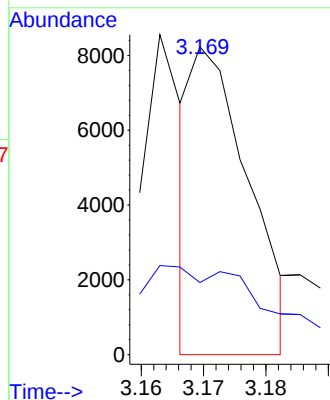
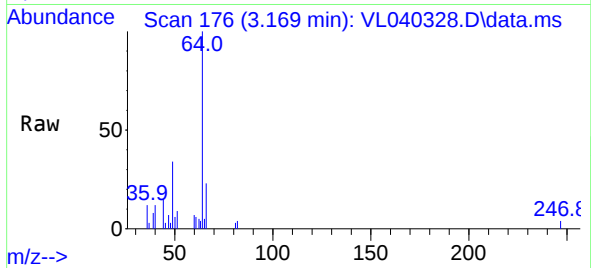




#7
Chloroethane
Concen: 0.243 ppbv
RT: 3.169 min Scan# 11
Delta R.T. -0.020 min
Lab File: VL040328.D
Acq: 10 Apr 2023 17:02

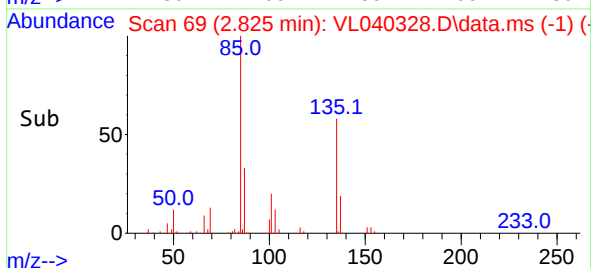
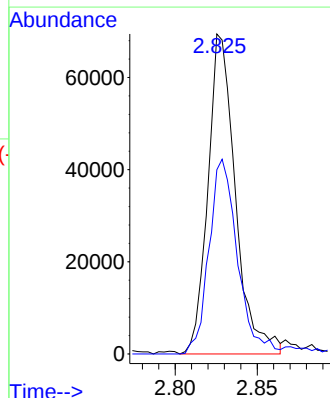
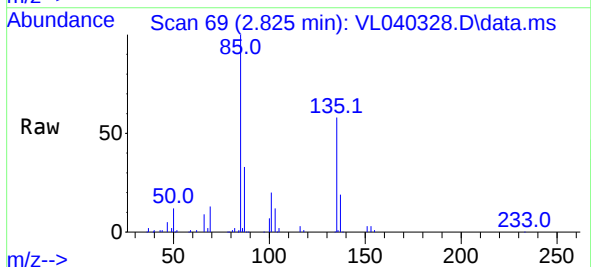
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2023

Tgt Ion: 64 Resp: 5214
Ion Ratio Lower Upper
64 100
66 23.4 25.5 38.3#

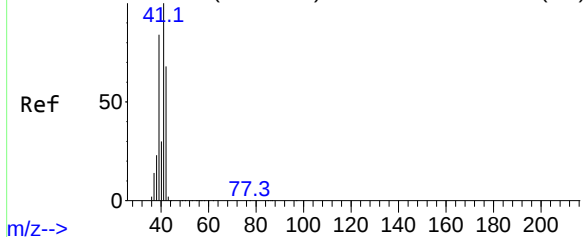


#8
Dichlorotetrafluoroethane
Concen: 0.543 ppbv
RT: 2.825 min Scan# 69
Delta R.T. -0.023 min
Lab File: VL040328.D
Acq: 10 Apr 2023 17:02

Tgt Ion: 85 Resp: 81031
Ion Ratio Lower Upper
85 100
135 65.9 52.0 78.0



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

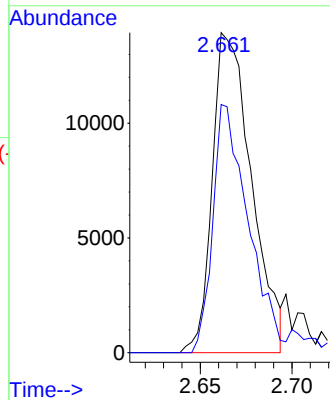
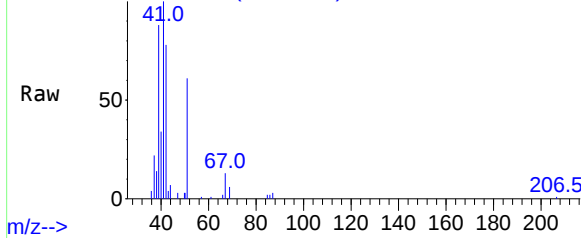


#9
Propene
Concen: 0.485 ppbv
RT: 2.661 min Scan# 11
Delta R.T. -0.023 min
Lab File: VL040328.D
Acq: 10 Apr 2023 17:02

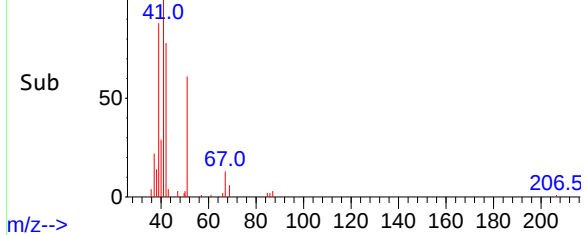
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2023

Tgt Ion: 41 Resp: 20738
Ion Ratio Lower Upper
41 100
42 74.6 59.0 88.4

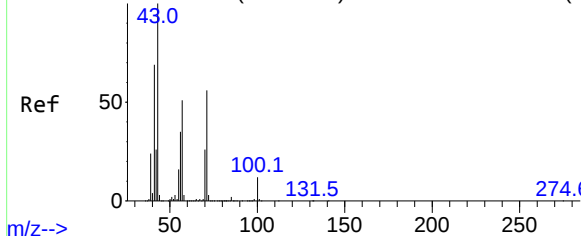
Abundance Scan 18 (2.661 min): VL040328.D\data.ms



Abundance Scan 18 (2.661 min): VL040328.D\data.ms (-1)



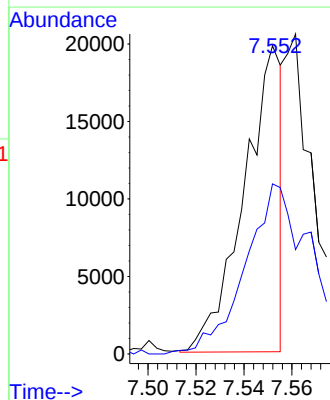
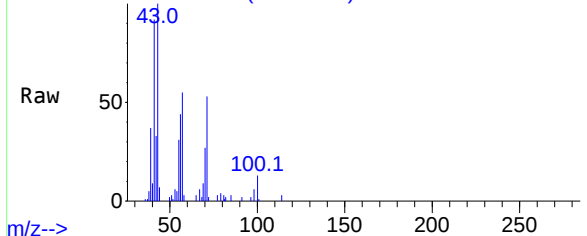
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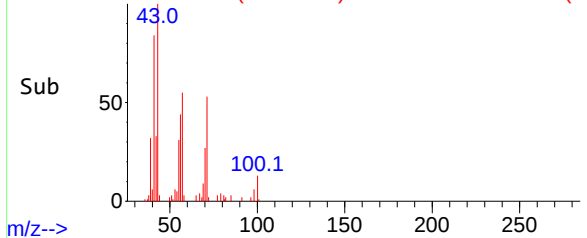
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Heptane
Concen: 0.210 ppbv
RT: 7.552 min Scan# 1539
Delta R.T. -0.029 min
Lab File: VL040328.D
Acq: 10 Apr 2023 17:02

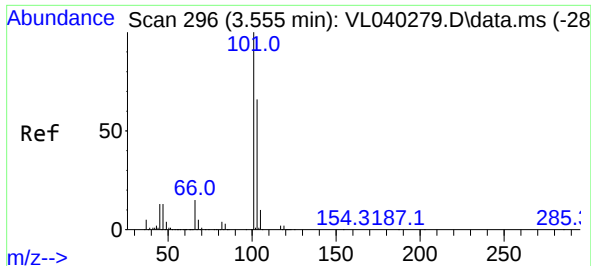
Tgt Ion: 43 Resp: 21575
Ion Ratio Lower Upper
43 100
57 100.2 41.7 62.5#

Abundance Scan 1539 (7.552 min): VL040328.D\data.ms



Abundance Scan 1539 (7.552 min): VL040328.D\data.ms (-1)

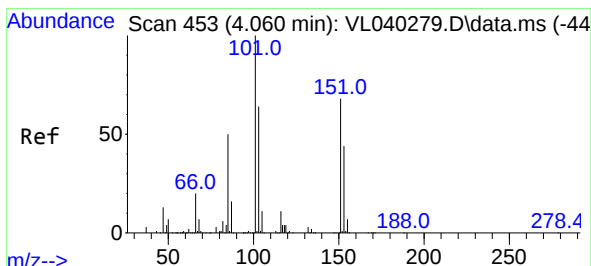
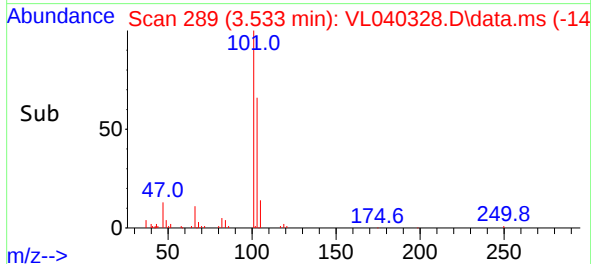
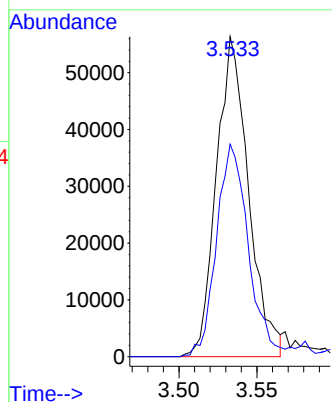
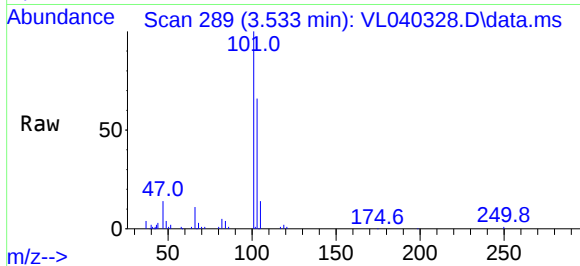




#11
 Trichlorofluoromethane
 Concen: 0.511 ppbv
 RT: 3.533 min Scan# 21
 Delta R.T. -0.022 min
 Lab File: VL040328.D
 Acq: 10 Apr 2023 17:02

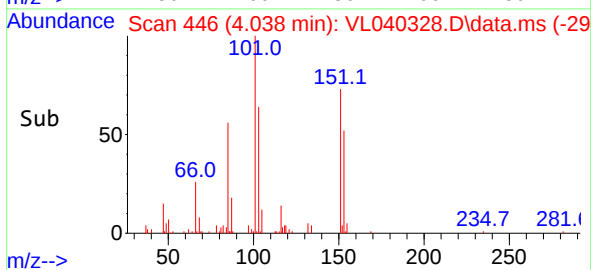
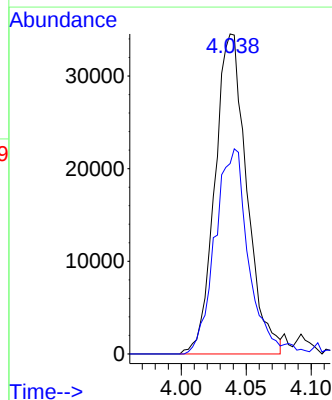
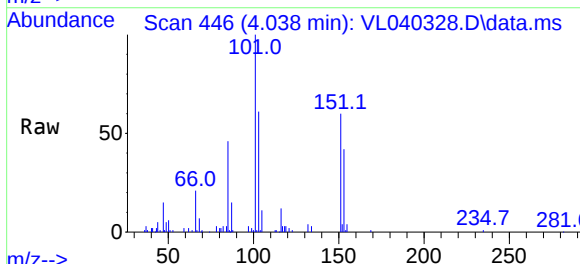
Instrument :
 MSVOA_L
 ClientSampleId :
 LOD-MDL-AIR-01-QT2-2023

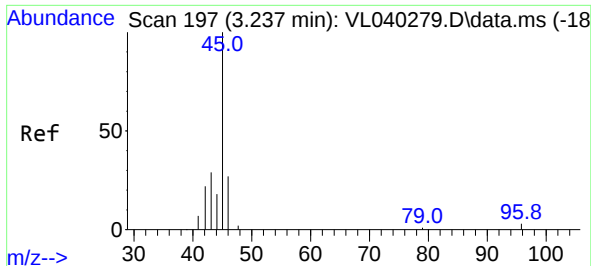
Tgt Ion:101 Resp: 80743
 Ion Ratio Lower Upper
 101 100
 103 66.4 53.1 79.7



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.497 ppbv
 RT: 4.038 min Scan# 446
 Delta R.T. -0.022 min
 Lab File: VL040328.D
 Acq: 10 Apr 2023 17:02

Tgt Ion:101 Resp: 58872
 Ion Ratio Lower Upper
 101 100
 151 68.7 53.2 79.8

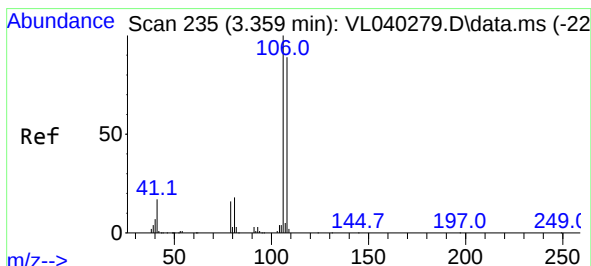
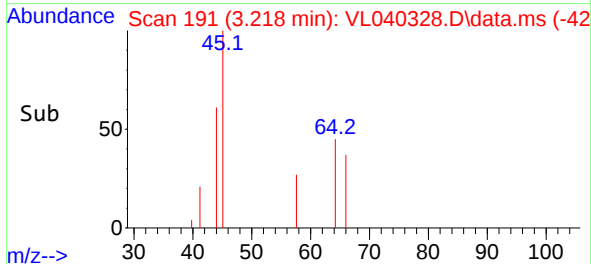
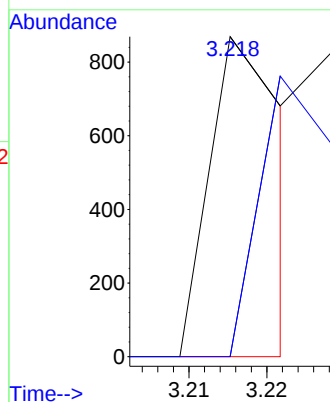
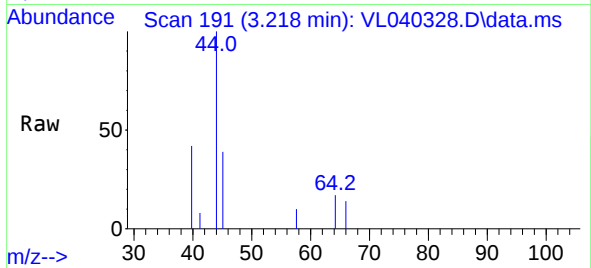




#13
Ethanol
Concen: 0.095 ppbv
RT: 3.218 min Scan# 197
Delta R.T. -0.019 min
Lab File: VL040328.D
Acq: 10 Apr 2023 17:02

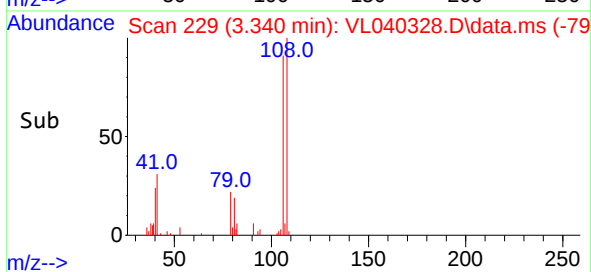
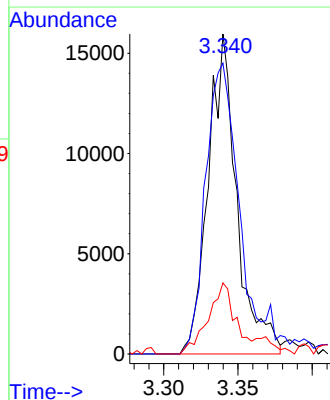
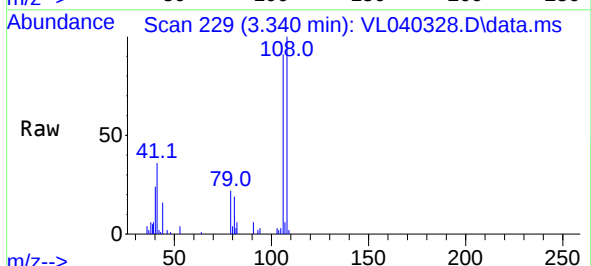
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2023

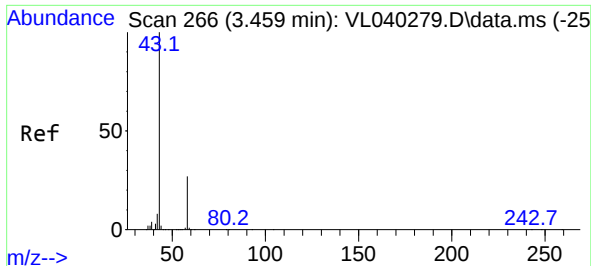
Tgt Ion: 45 Resp: 299
Ion Ratio Lower Upper
45 100
46 322.7 15.0 60.2#



#14
Bromoethene
Concen: 0.484 ppbv
RT: 3.340 min Scan# 229
Delta R.T. -0.019 min
Lab File: VL040328.D
Acq: 10 Apr 2023 17:02

Tgt Ion: 108 Resp: 21420
Ion Ratio Lower Upper
108 100
106 114.5 85.8 128.8
79 24.6 15.8 23.6#

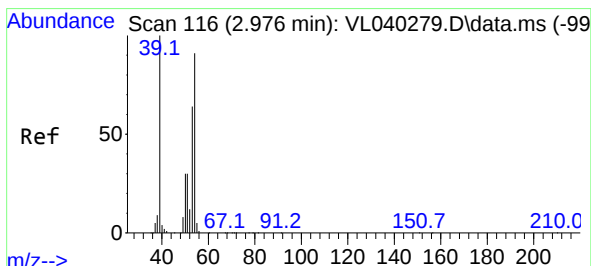
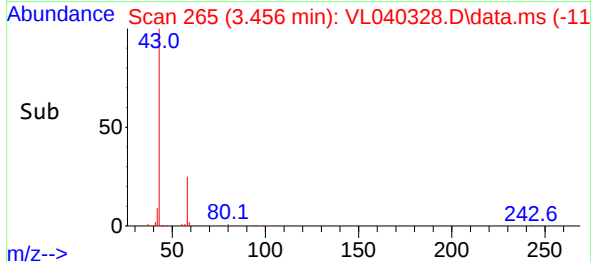
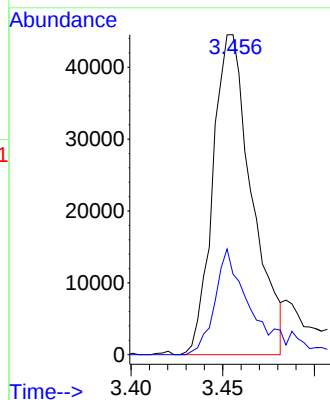
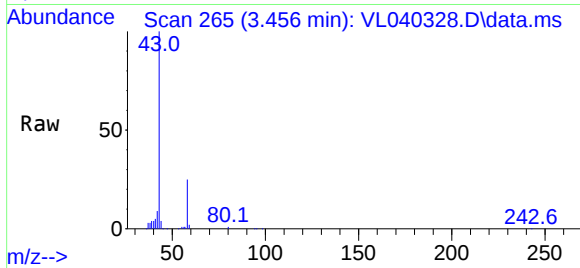




#15
Acetone
Concen: 0.607 ppbv
RT: 3.456 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL040328.D
Acq: 10 Apr 2023 17:02

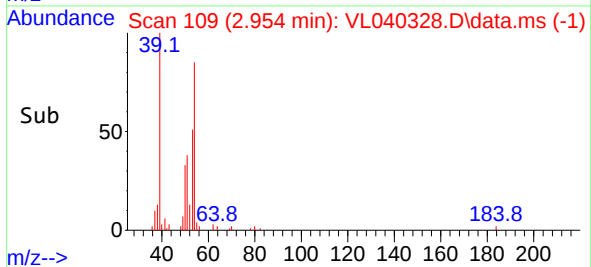
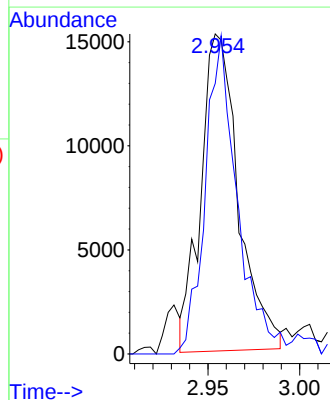
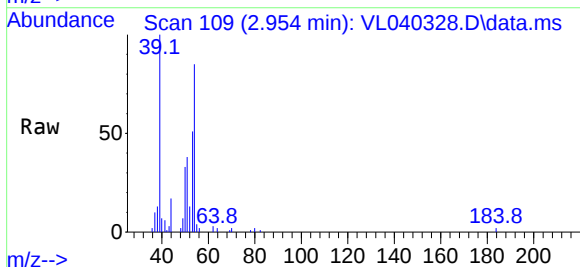
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2023

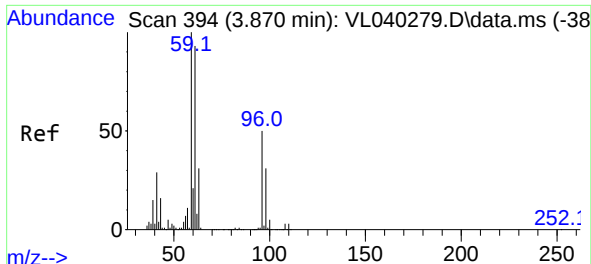
Tgt Ion: 43 Resp: 65662
Ion Ratio Lower Upper
43 100
58 33.8 21.8 32.8#



#16
1,3-Butadiene
Concen: 0.445 ppbv
RT: 2.954 min Scan# 109
Delta R.T. -0.022 min
Lab File: VL040328.D
Acq: 10 Apr 2023 17:02

Tgt Ion: 39 Resp: 21862
Ion Ratio Lower Upper
39 100
54 89.1 68.4 102.6





#17

tert-Butyl alcohol

Concen: 0.449 ppbv

RT: 3.864 min Scan# 394

Delta R.T. -0.006 min

Lab File: VL040328.D

Acq: 10 Apr 2023 17:02

Instrument :

MSVOA_1

ClientSampleId :

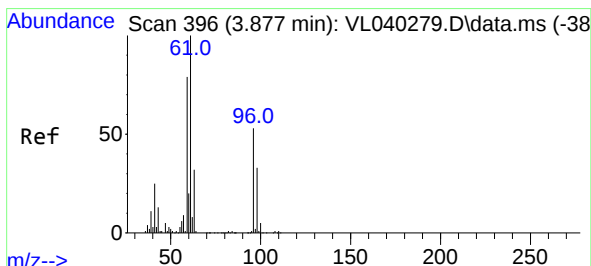
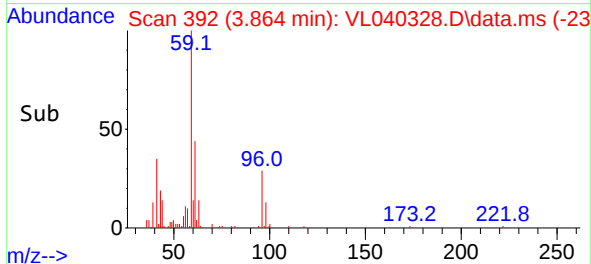
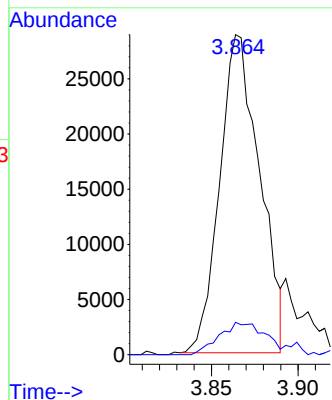
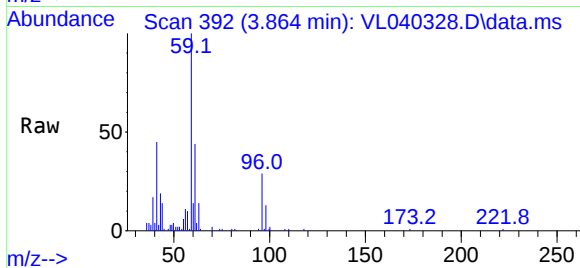
LOD-MDL-AIR-01-QT2-2023

Tgt Ion: 59 Resp: 46184

Ion Ratio Lower Upper

59 100

57 13.2 8.5 12.7#



#18

1,1-Dichloroethene

Concen: 0.506 ppbv

RT: 3.854 min Scan# 389

Delta R.T. -0.023 min

Lab File: VL040328.D

Acq: 10 Apr 2023 17:02

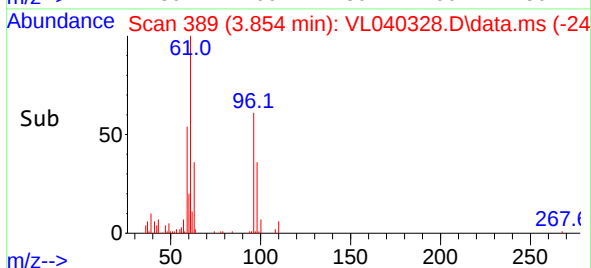
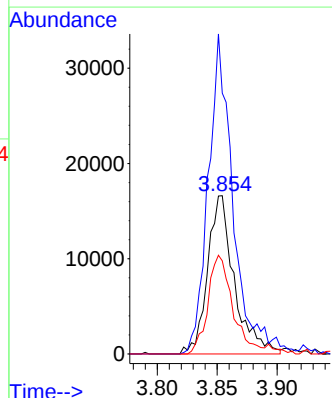
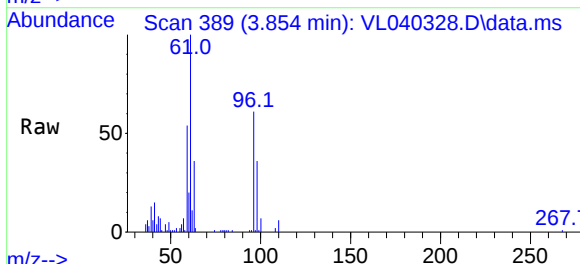
Tgt Ion: 96 Resp: 25759

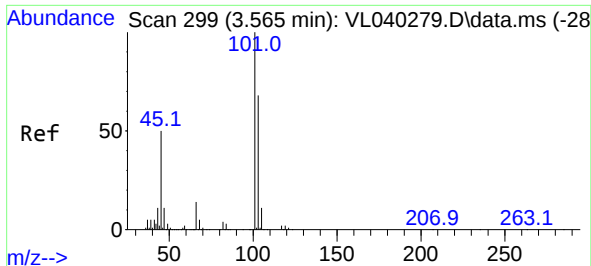
Ion Ratio Lower Upper

96 100

61 164.9 150.6 226.0

98 58.8 50.3 75.5

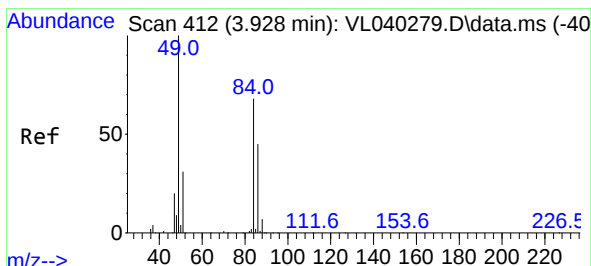
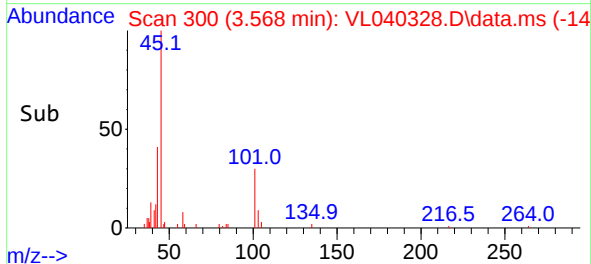
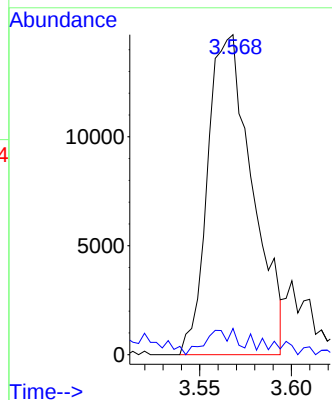
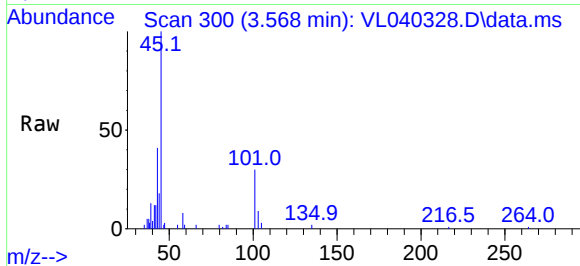




#19
Isopropyl Alcohol
Concen: 0.480 ppbv
RT: 3.568 min Scan# 300
Delta R.T. 0.003 min
Lab File: VL040328.D
Acq: 10 Apr 2023 17:02

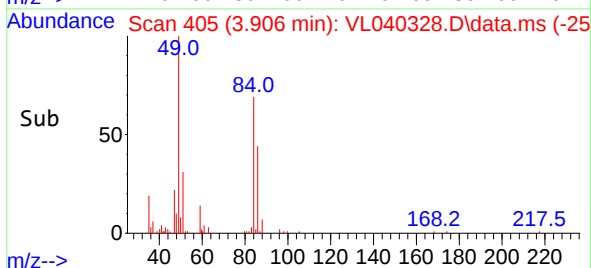
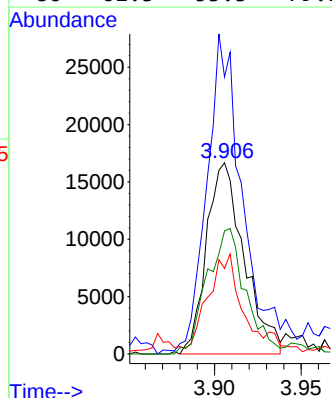
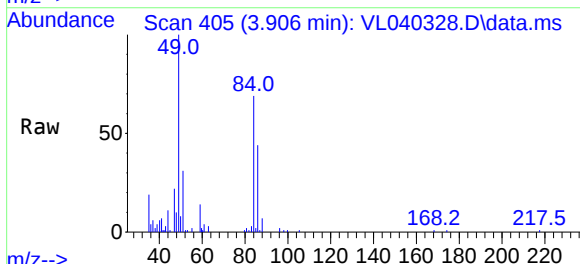
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2023

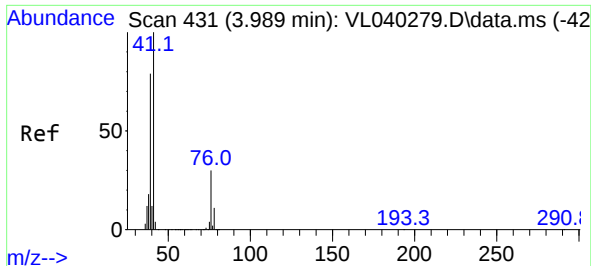
Tgt Ion: 45 Resp: 24863
Ion Ratio Lower Upper
45 100
58 6.2 2.7 4.1#



#20
Methylene Chloride
Concen: 0.555 ppbv
RT: 3.906 min Scan# 405
Delta R.T. -0.022 min
Lab File: VL040328.D
Acq: 10 Apr 2023 17:02

Tgt Ion: 84 Resp: 25257
Ion Ratio Lower Upper
84 100
49 139.5 117.5 176.3
51 40.8 36.9 55.3
86 61.3 53.3 79.9





#21

Allyl Chloride

Concen: 0.439 ppbv

RT: 3.967 min Scan# 41

Delta R.T. -0.022 min

Lab File: VL040328.D

Acq: 10 Apr 2023 17:02

Instrument :

MSVOA_1

ClientSampleId :

LOD-MDL-AIR-01-QT2-2023

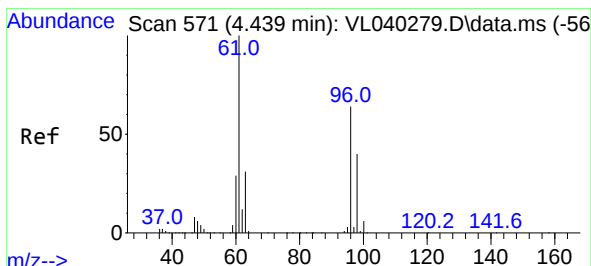
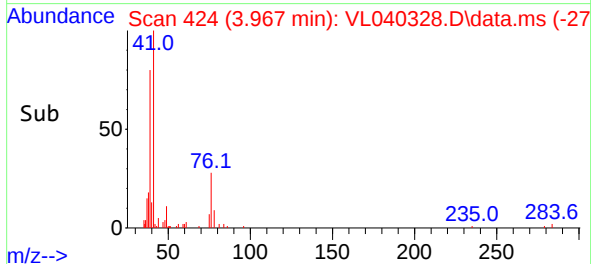
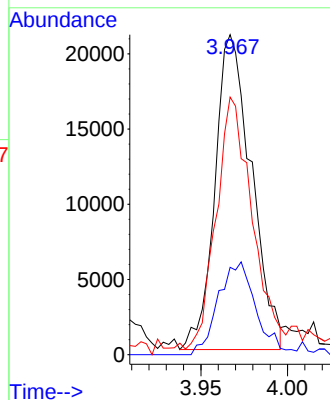
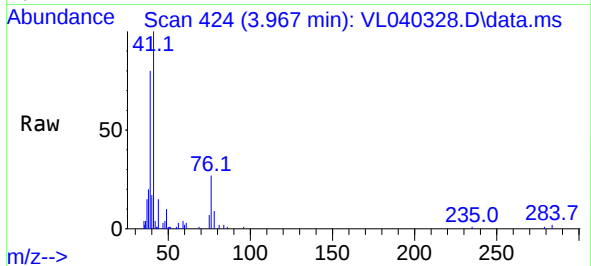
Tgt Ion: 41 Resp: 30735

Ion Ratio Lower Upper

41 100

76 31.7 25.4 38.0

39 91.3 65.4 98.2



#22

trans-1,2-Dichloroethene

Concen: 0.366 ppbv

RT: 4.420 min Scan# 565

Delta R.T. -0.019 min

Lab File: VL040328.D

Acq: 10 Apr 2023 17:02

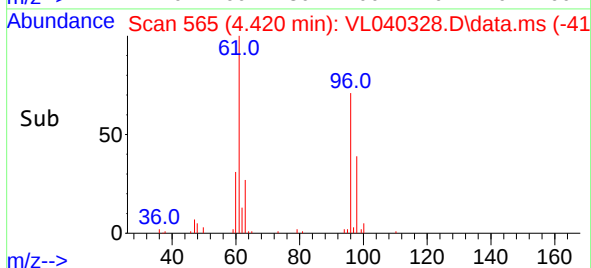
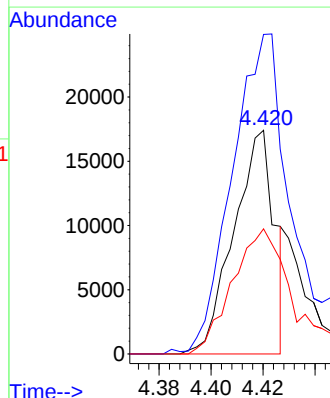
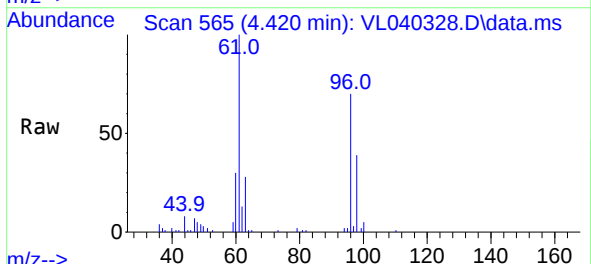
Tgt Ion: 96 Resp: 18941

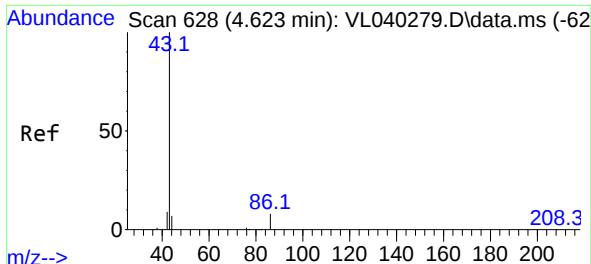
Ion Ratio Lower Upper

96 100

61 141.7 125.4 188.2

98 55.9 49.8 74.6

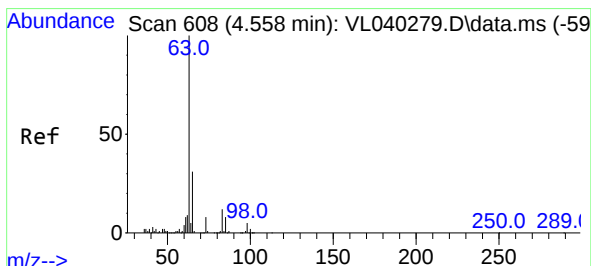
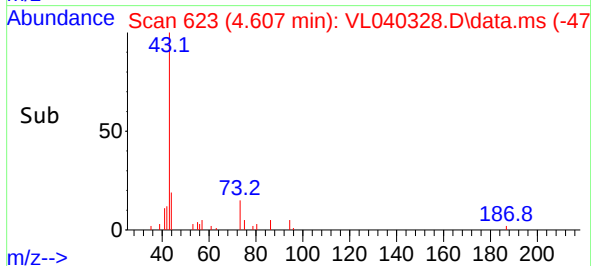
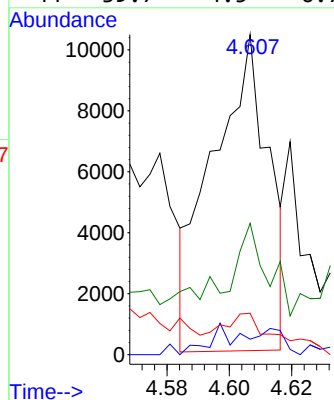
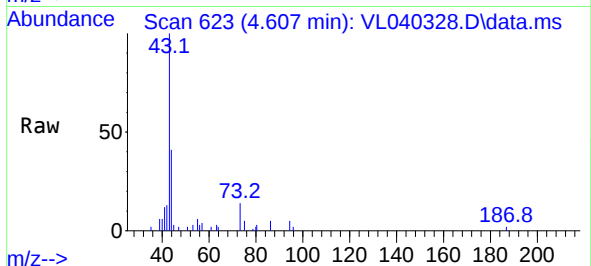




#23
 Vinyl Acetate
 Concen: 0.428 ppbv
 RT: 4.607 min Scan# 61
 Delta R.T. -0.016 min
 Lab File: VL040328.D
 Acq: 10 Apr 2023 17:02

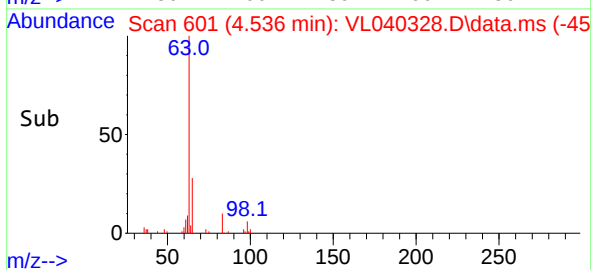
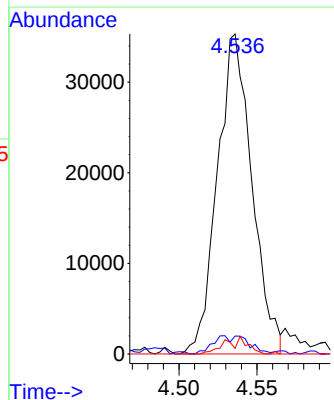
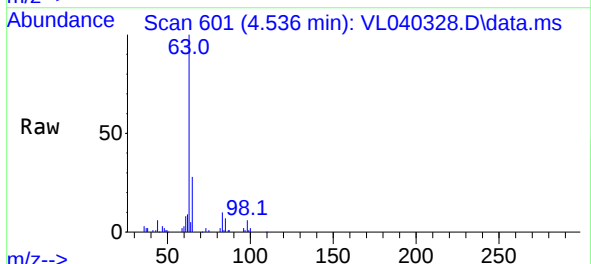
Instrument :
 MSVOA_1
 ClientSampleId :
 LOD-MDL-AIR-01-QT2-2023

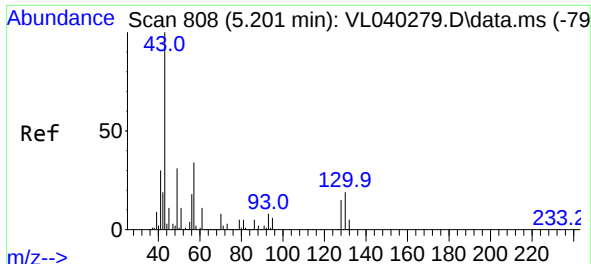
Tgt Ion: 43	Resp: 12879
Ion Ratio	Lower Upper
43 100	
86 9.0	5.0 7.4#
42 12.4	9.1 13.7
44 39.7	4.5 6.7#



#24
 1,1-Dichloroethane
 Concen: 0.508 ppbv
 RT: 4.536 min Scan# 601
 Delta R.T. -0.022 min
 Lab File: VL040328.D
 Acq: 10 Apr 2023 17:02

Tgt Ion: 63	Resp: 54510
Ion Ratio	Lower Upper
63 100	
98 4.9	2.4 7.2
100 1.7	1.2 3.6

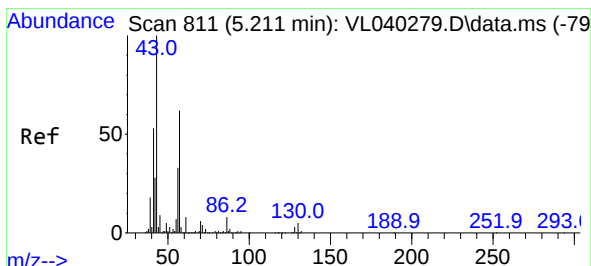
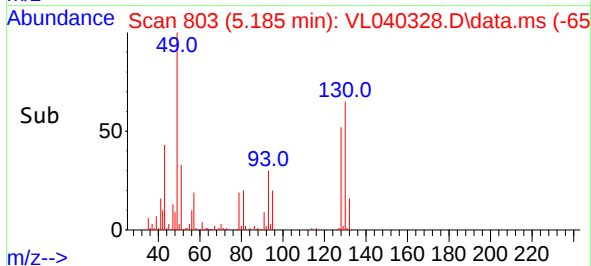
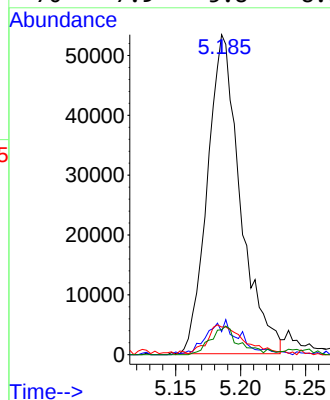
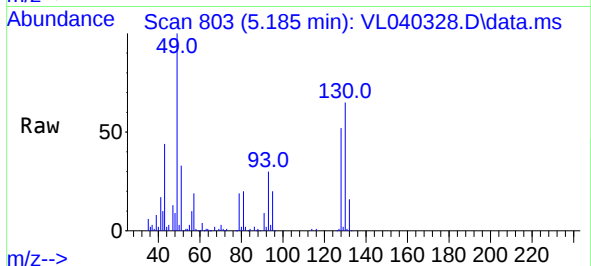




#25
Ethyl Acetate
Concen: 0.465 ppbv
RT: 5.185 min Scan# 803
Delta R.T. -0.016 min
Lab File: VL040328.D
Acq: 10 Apr 2023 17:02

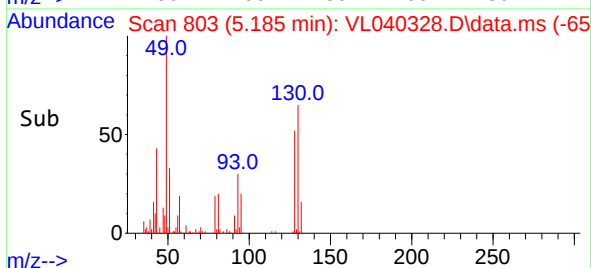
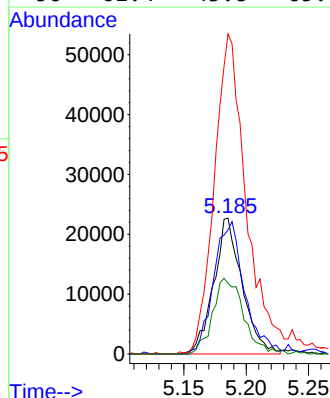
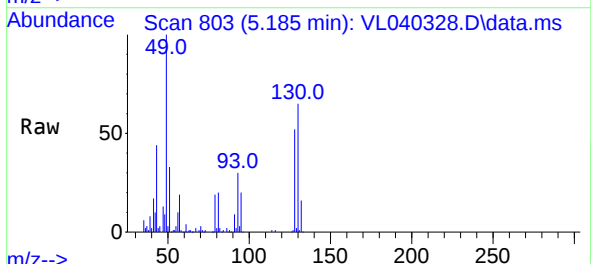
Instrument : MSVOA_L
ClientSampleId : LOD-MDL-AIR-01-QT2-2023

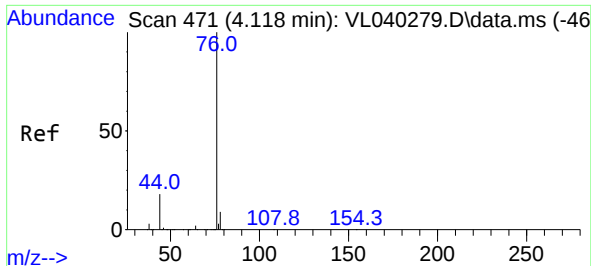
Tgt Ion: 43	Resp: 94059
Ion Ratio	Lower Upper
43 100	
45 11.3	8.6 12.8
61 11.2	8.4 12.6
70 7.9	5.8 8.6



#26
Hexane
Concen: 0.434 ppbv
RT: 5.185 min Scan# 803
Delta R.T. -0.026 min
Lab File: VL040328.D
Acq: 10 Apr 2023 17:02

Tgt Ion: 57	Resp: 36060
Ion Ratio	Lower Upper
57 100	
41 109.6	73.5 110.3
43 274.2	196.3 294.5
56 61.4	43.8 65.8

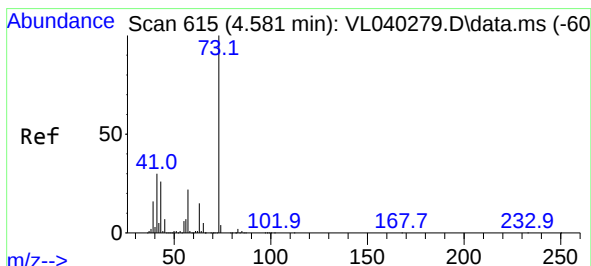
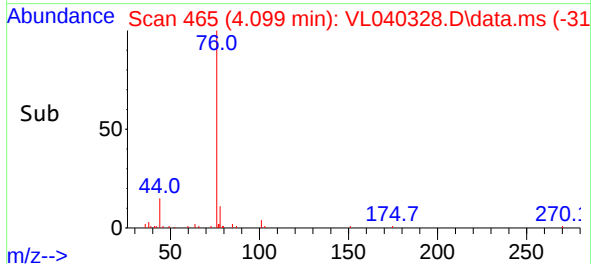
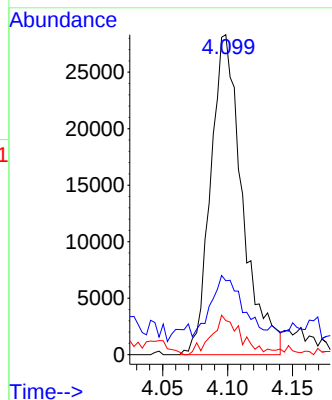
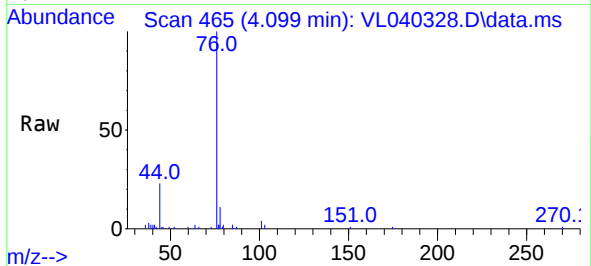




#27
Carbon Disulfide
Concen: 0.413 ppbv
RT: 4.099 min Scan# 471
Delta R.T. -0.019 min
Lab File: VL040328.D
Acq: 10 Apr 2023 17:02

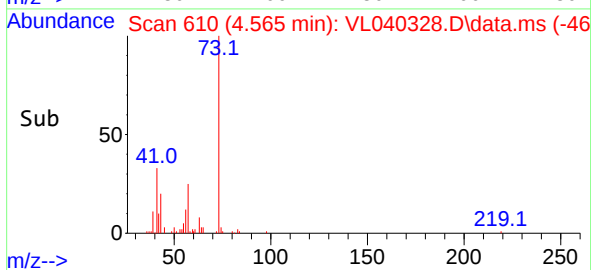
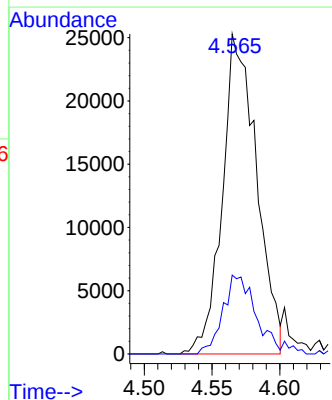
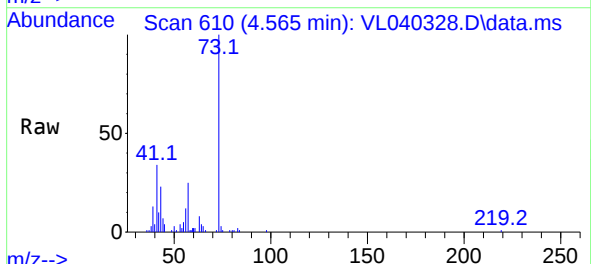
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2023

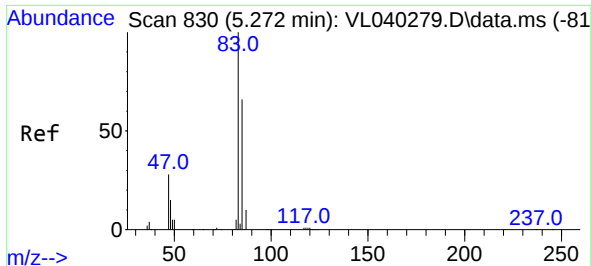
Tgt Ion: 76 Resp: 47915
Ion Ratio Lower Upper
76 100
44 25.4 15.2 22.8#
78 13.7 7.6 11.4#



#28
Methyl tert-Butyl Ether
Concen: 0.465 ppbv
RT: 4.565 min Scan# 610
Delta R.T. -0.016 min
Lab File: VL040328.D
Acq: 10 Apr 2023 17:02

Tgt Ion: 73 Resp: 44383
Ion Ratio Lower Upper
73 100
57 24.9 18.4 27.6

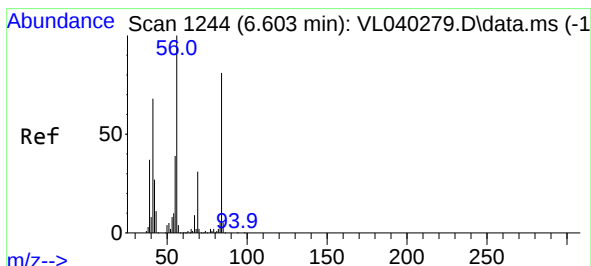
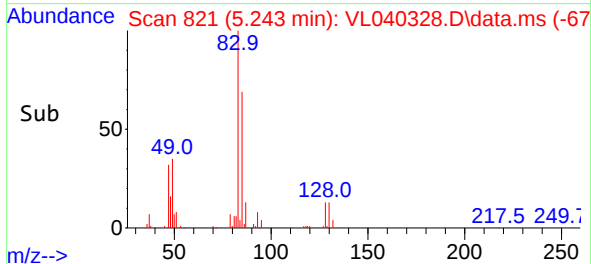
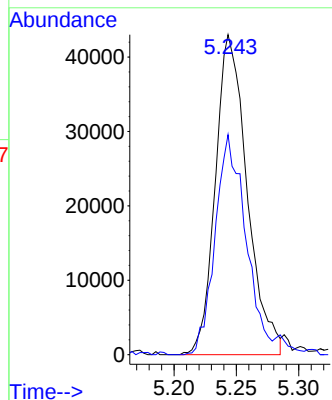
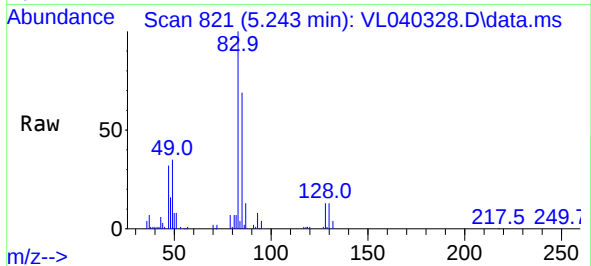




#29
Chloroform
Concen: 0.520 ppbv
RT: 5.243 min Scan# 81
Delta R.T. -0.029 min
Lab File: VL040328.D
Acq: 10 Apr 2023 17:02

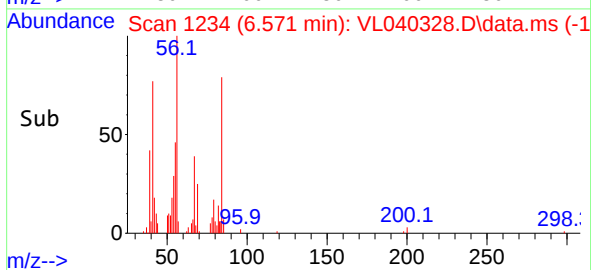
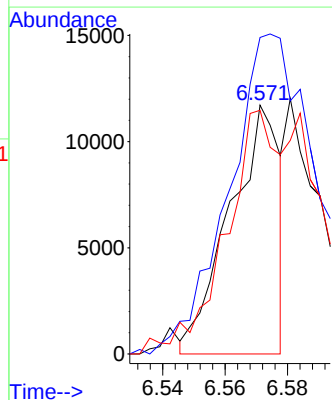
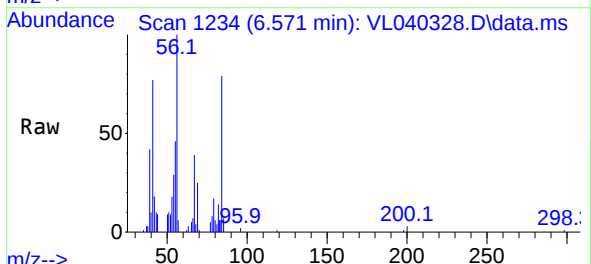
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2023

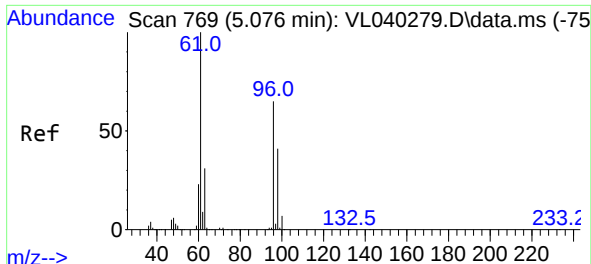
Tgt Ion: 83 Resp: 76244
Ion Ratio Lower Upper
83 100
85 69.1 52.8 79.2



#30
Cyclohexane
Concen: 0.198 ppbv
RT: 6.571 min Scan# 1234
Delta R.T. -0.032 min
Lab File: VL040328.D
Acq: 10 Apr 2023 17:02

Tgt Ion: 84 Resp: 12956
Ion Ratio Lower Upper
84 100
56 238.9 109.0 163.4#
41 196.6 67.9 101.9#

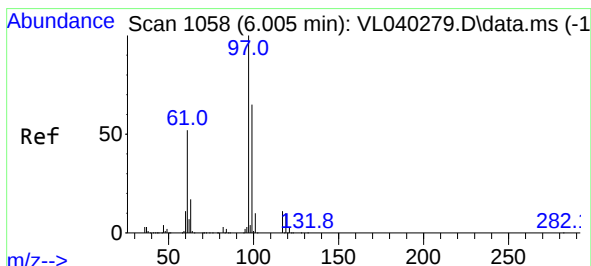
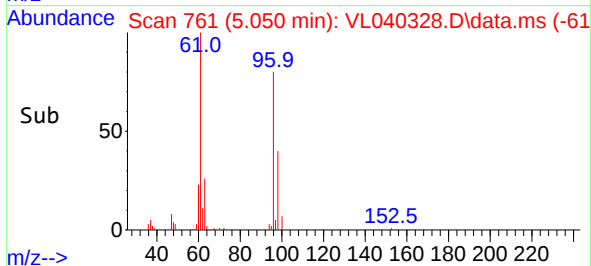
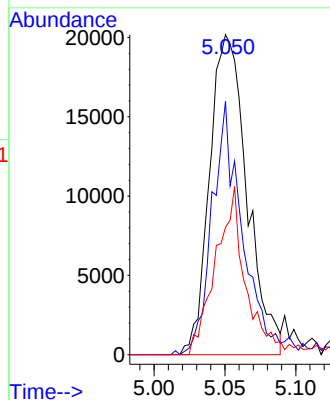
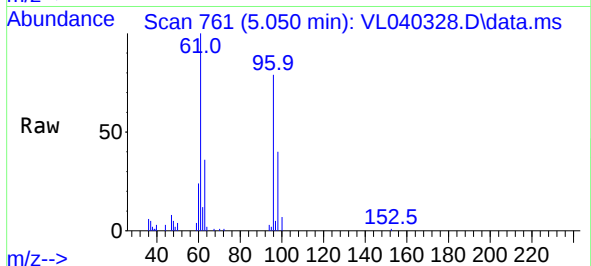




#31
 cis-1,2-Dichloroethene
 Concen: 0.459 ppbv
 RT: 5.050 min Scan# 71
 Delta R.T. -0.026 min
 Lab File: VL040328.D
 Acq: 10 Apr 2023 17:02

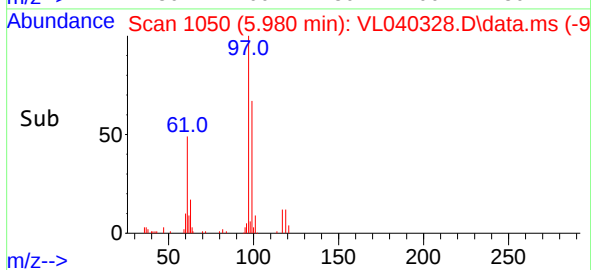
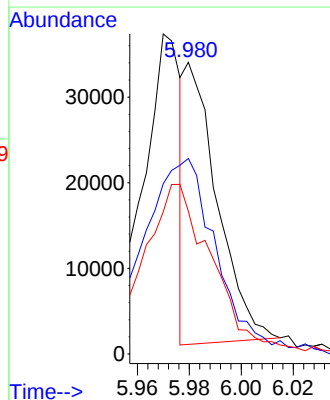
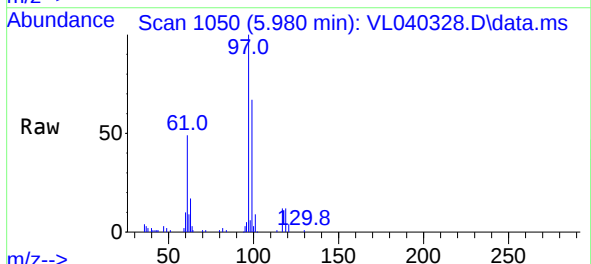
Instrument :
 MSVOA_L
 ClientSampleId :
 LOD-MDL-AIR-01-QT2-2023

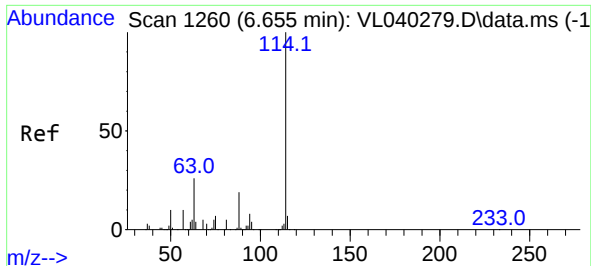
Tgt Ion: 61 Resp: 37159
 Ion Ratio Lower Upper
 61 100
 96 79.1 51.8 77.8#
 98 39.8 32.5 48.7



#32
 1,1,1-Trichloroethane
 Concen: 0.202 ppbv
 RT: 5.980 min Scan# 1050
 Delta R.T. -0.025 min
 Lab File: VL040328.D
 Acq: 10 Apr 2023 17:02

Tgt Ion: 97 Resp: 28329
 Ion Ratio Lower Upper
 97 100
 99 161.2 52.2 78.2#
 61 136.1 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: VL040328.D

Acq: 10 Apr 2023 17:02

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT2-2023

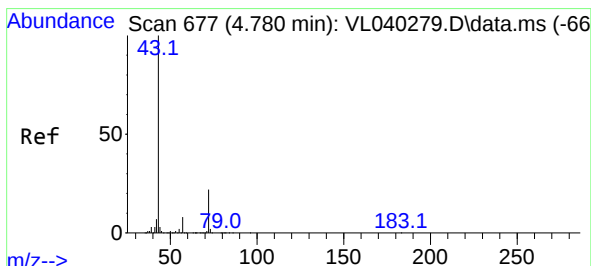
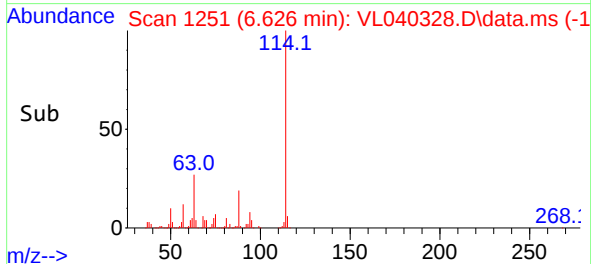
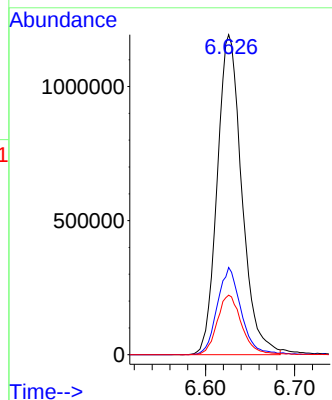
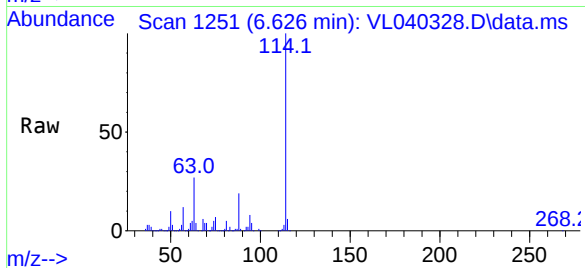
Tgt Ion:114 Resp: 2288126

Ion Ratio Lower Upper

114 100

63 26.7 21.2 31.8

88 18.6 14.5 21.7



#34

2-Butanone

Concen: 0.208 ppbv

RT: 4.767 min Scan# 673

Delta R.T. -0.013 min

Lab File: VL040328.D

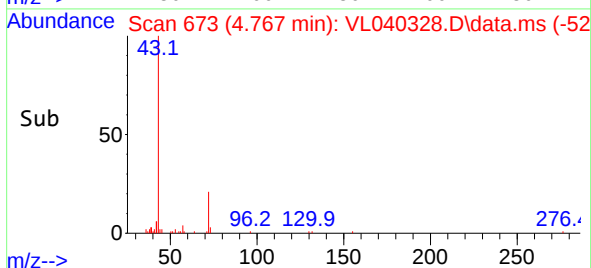
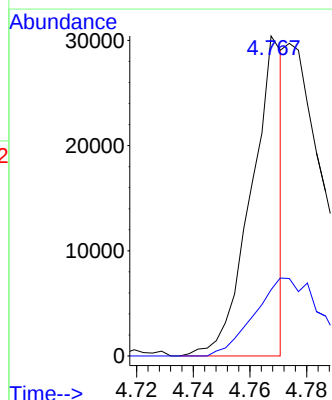
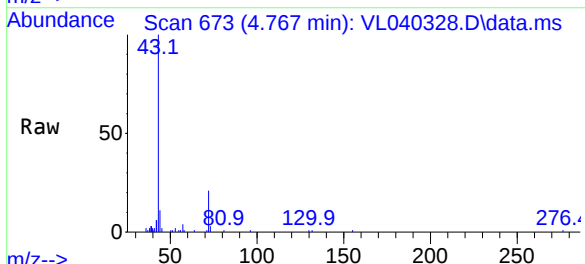
Acq: 10 Apr 2023 17:02

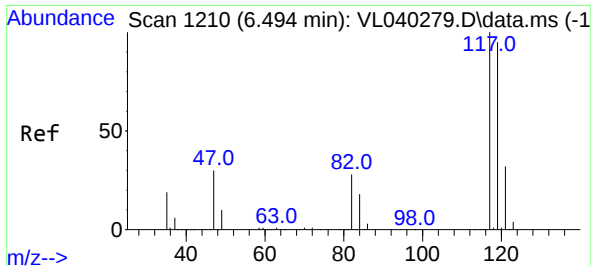
Tgt Ion: 43 Resp: 23477

Ion Ratio Lower Upper

43 100

72 0.0 18.3 27.5#

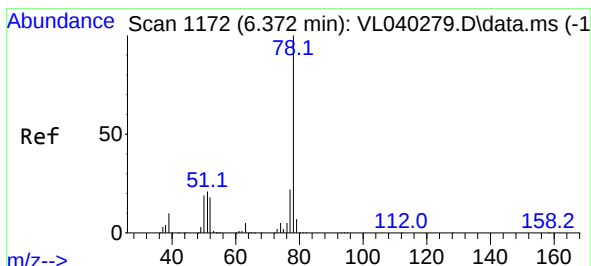
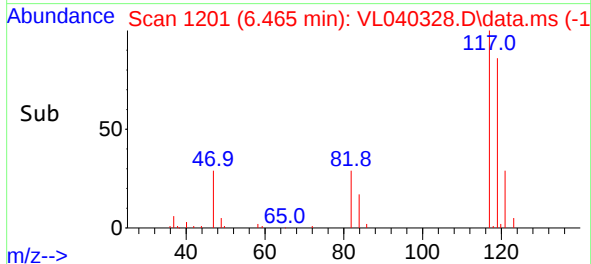
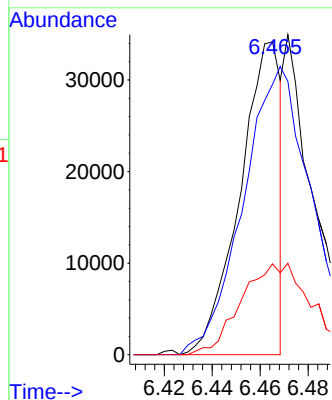
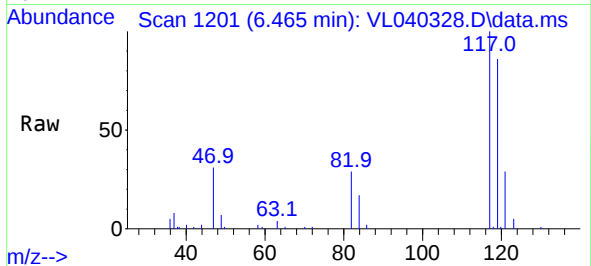




#35
Carbon Tetrachloride
Concen: 0.282 ppbv
RT: 6.465 min Scan# 1163
Delta R.T. -0.029 min
Lab File: VL040328.D
Acq: 10 Apr 2023 17:02

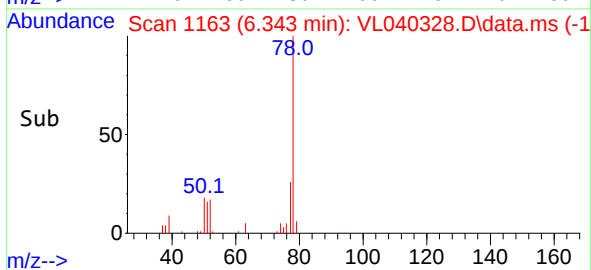
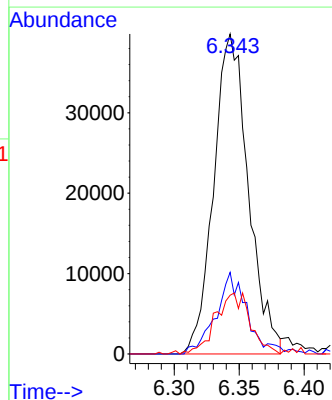
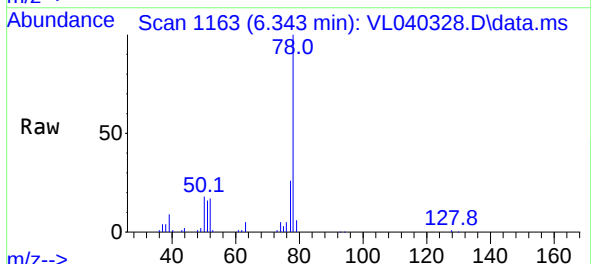
Instrument :
MSVOA_1
ClientSampleId :
LOD-MDL-AIR-01-QT2-2023

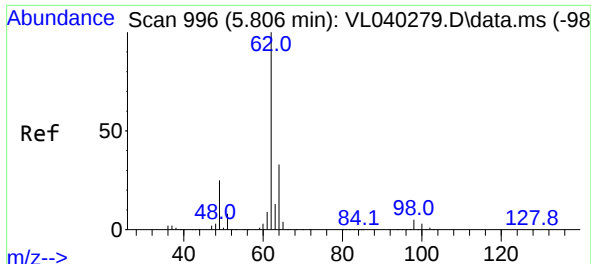
Tgt Ion:117 Resp: 40513
Ion Ratio Lower Upper
117 100
119 86.4 76.4 114.6
121 29.1 25.6 38.4



#36
Benzene
Concen: 0.423 ppbv
RT: 6.343 min Scan# 1163
Delta R.T. -0.029 min
Lab File: VL040328.D
Acq: 10 Apr 2023 17:02

Tgt Ion: 78 Resp: 73815
Ion Ratio Lower Upper
78 100
77 25.5 17.8 26.8
50 18.3 15.4 23.2





#37

1,2-Dichloroethane

Concen: 0.509 ppbv

RT: 5.780 min Scan# 9

Delta R.T. -0.026 min

Lab File: VL040328.D

Acq: 10 Apr 2023 17:02

Instrument :

MSVOA_L

ClientSampleId :

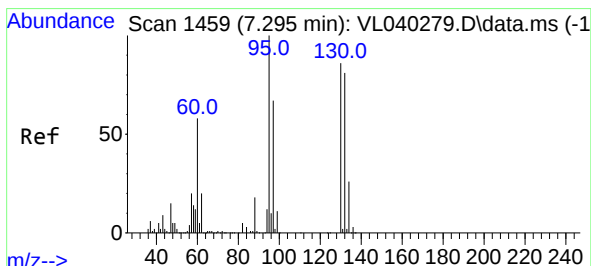
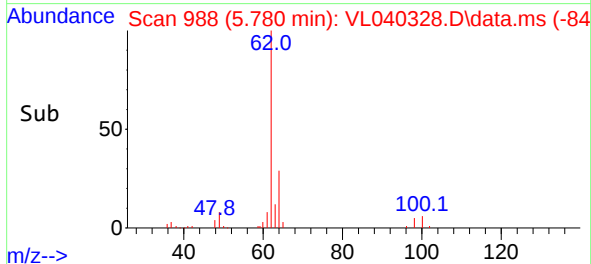
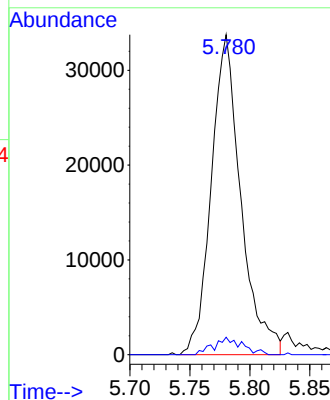
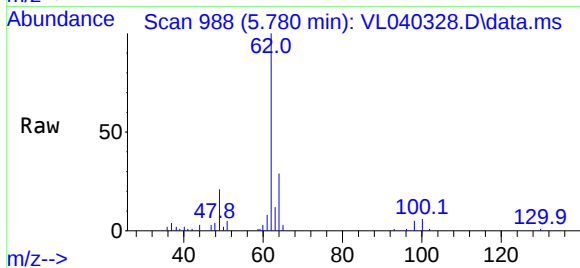
LOD-MDL-AIR-01-QT2-2023

Tgt Ion: 62 Resp: 57733

Ion Ratio Lower Upper

62 100

98 5.3 4.3 6.5



#38

Trichloroethene

Concen: 0.384 ppbv

RT: 7.266 min Scan# 1450

Delta R.T. -0.029 min

Lab File: VL040328.D

Acq: 10 Apr 2023 17:02

Tgt Ion:130 Resp: 36631

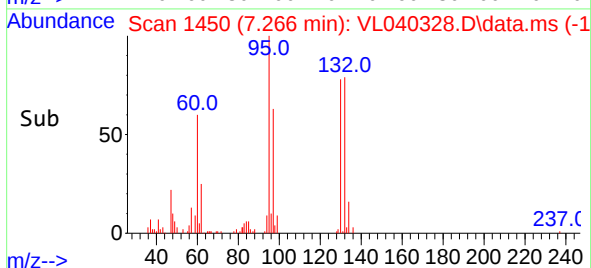
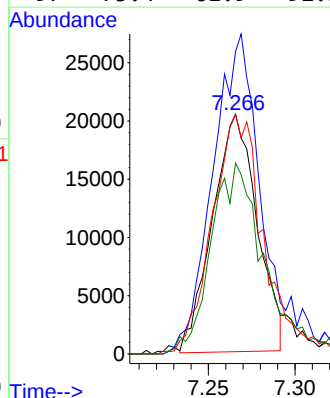
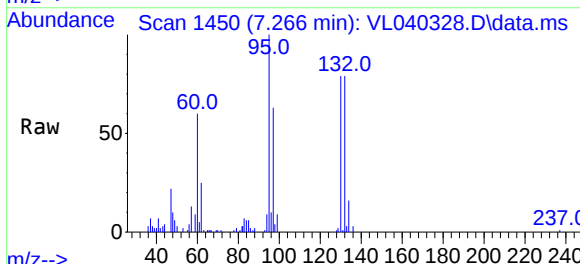
Ion Ratio Lower Upper

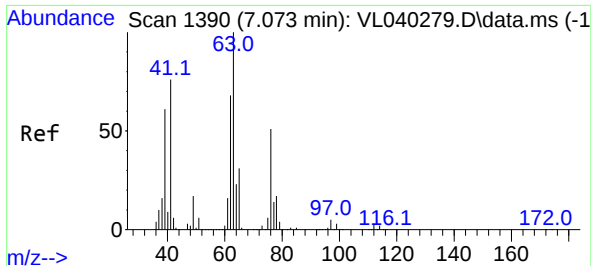
130 100

95 119.8 93.0 139.4

132 95.9 75.3 112.9

97 73.4 61.9 92.9





#39

1,2-Dichloropropane

Concen: 0.437 ppbv

RT: 7.047 min Scan# 1

Delta R.T. -0.026 min

Lab File: VL040328.D

Acq: 10 Apr 2023 17:02

Instrument :

MSVOA_1

ClientSampleId :

LOD-MDL-AIR-01-QT2-2023

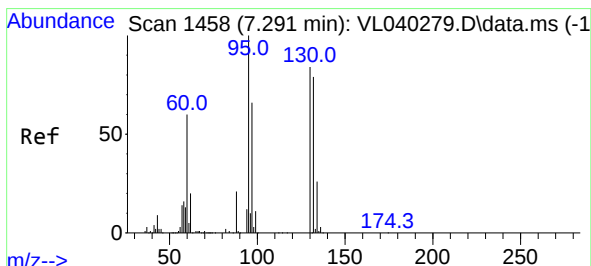
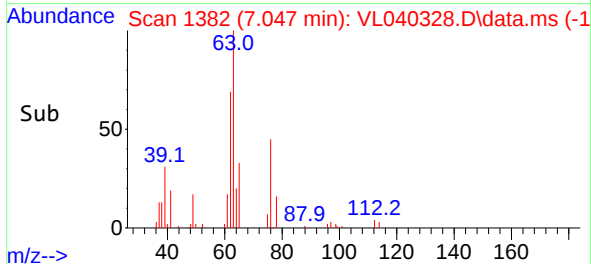
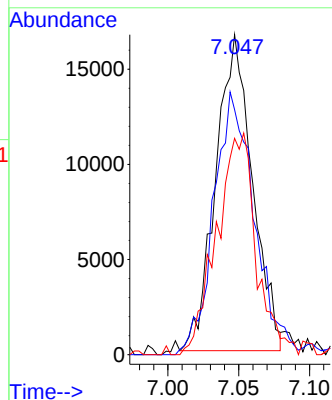
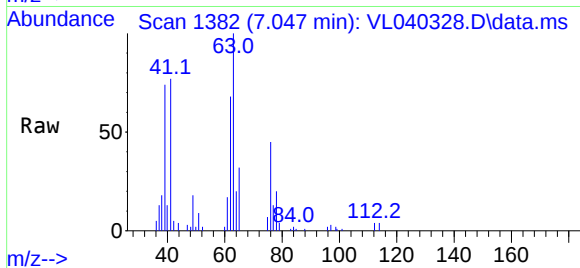
Tgt Ion: 63 Resp: 29911

Ion Ratio Lower Upper

63 100

41 75.8 60.8 91.2

62 68.5 54.1 81.1



#40

1,4-Dioxane

Concen: 0.387 ppbv

RT: 7.298 min Scan# 1460

Delta R.T. 0.007 min

Lab File: VL040328.D

Acq: 10 Apr 2023 17:02

Tgt Ion: 88 Resp: 10472

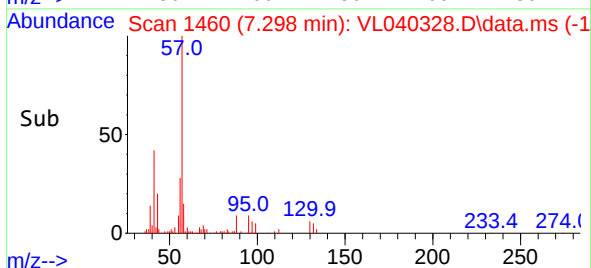
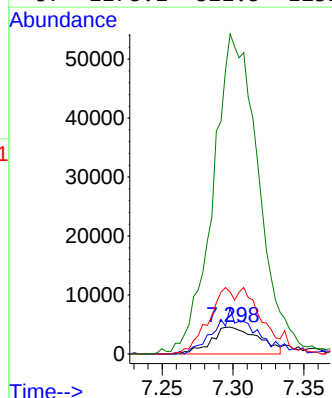
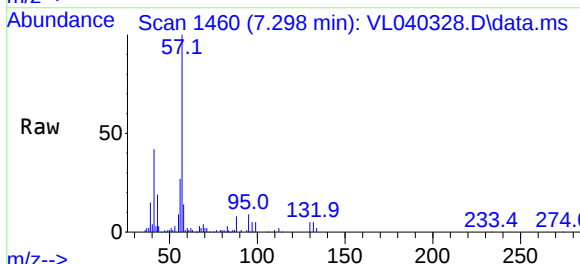
Ion Ratio Lower Upper

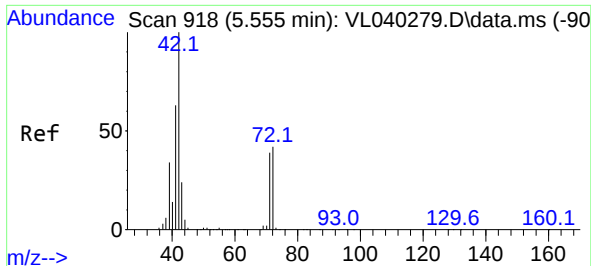
88 100

58 150.2 96.0 144.0#

43 281.8 187.6 281.4#

57 1178.1 821.5 1232.3

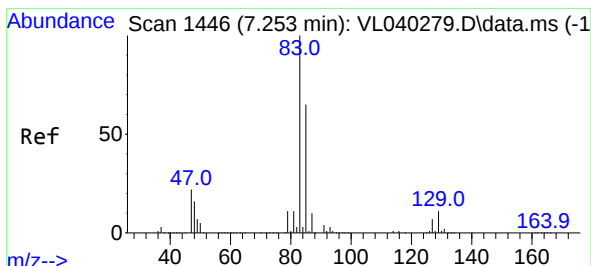
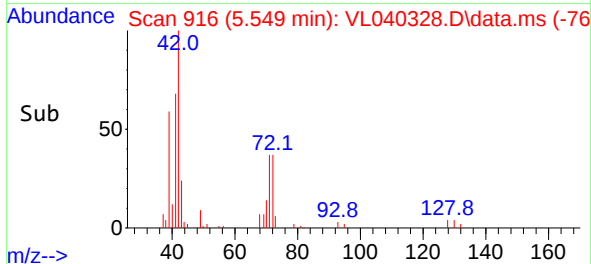
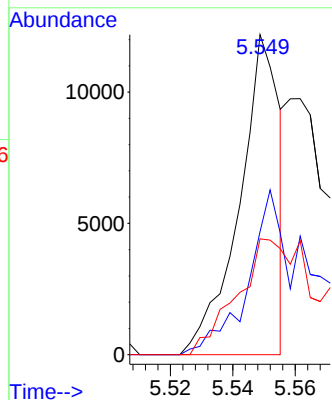
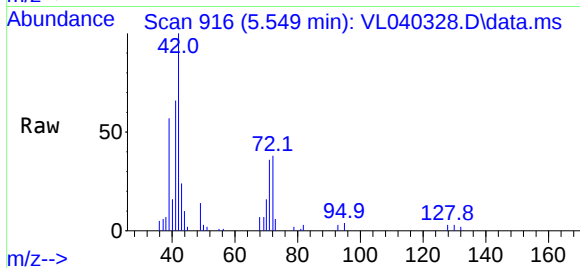




#41
Tetrahydrofuran
Concen: 0.167 ppbv
RT: 5.549 min Scan# 918
Delta R.T. -0.006 min
Lab File: VL040328.D
Acq: 10 Apr 2023 17:02

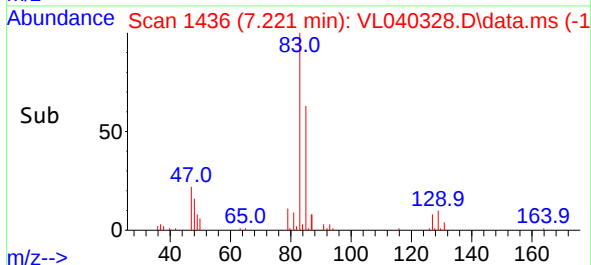
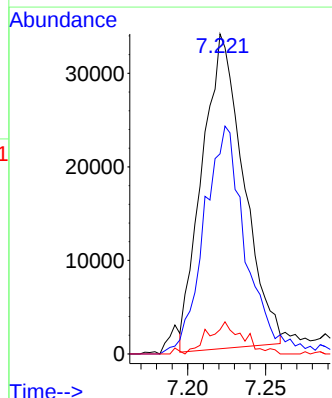
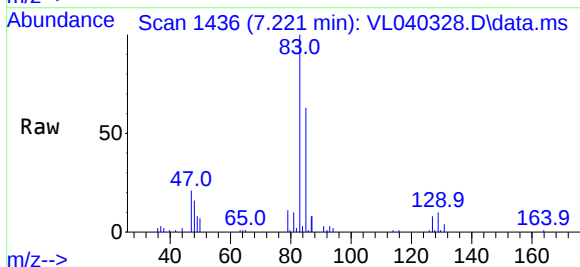
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2023

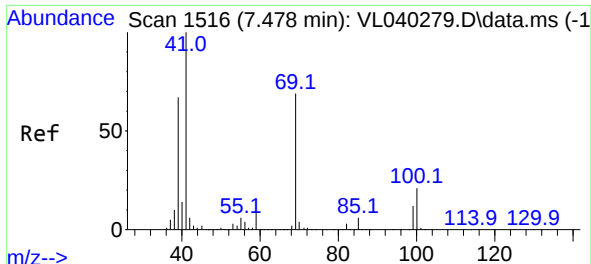
Tgt Ion: 42 Resp: 10854
Ion Ratio Lower Upper
42 100
72 89.5 32.6 49.0#
71 87.0 31.0 46.4#



#42
Bromodichloromethane
Concen: 0.403 ppbv
RT: 7.221 min Scan# 1436
Delta R.T. -0.032 min
Lab File: VL040328.D
Acq: 10 Apr 2023 17:02

Tgt Ion: 83 Resp: 62491
Ion Ratio Lower Upper
83 100
85 61.9 52.1 78.1
127 8.1 5.8 8.6

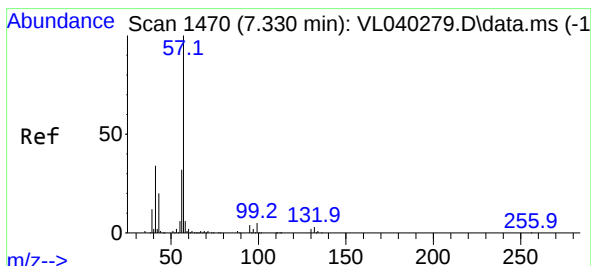
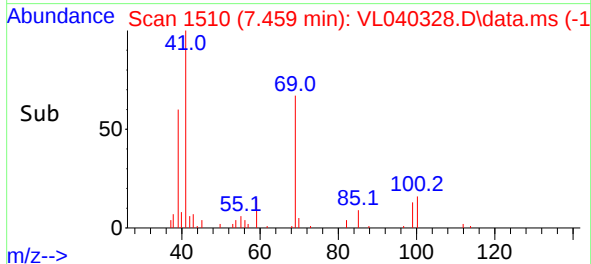
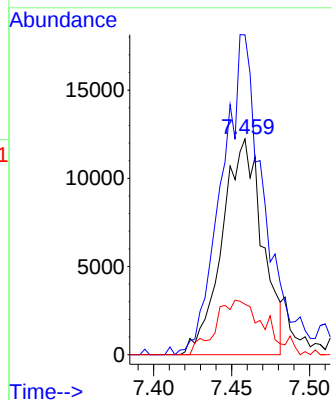
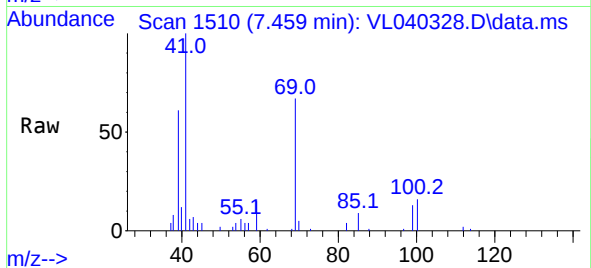




#43
Methyl Methacrylate
Concen: 0.341 ppbv
RT: 7.459 min Scan# 11
Delta R.T. -0.019 min
Lab File: VL040328.D
Acq: 10 Apr 2023 17:02

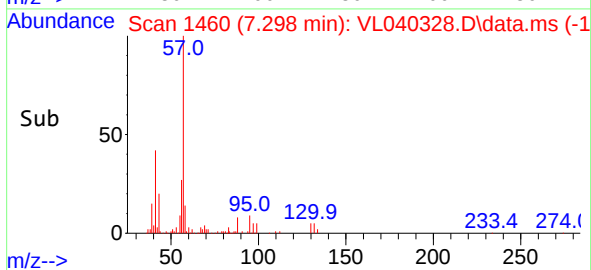
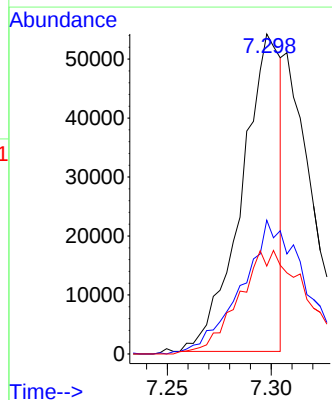
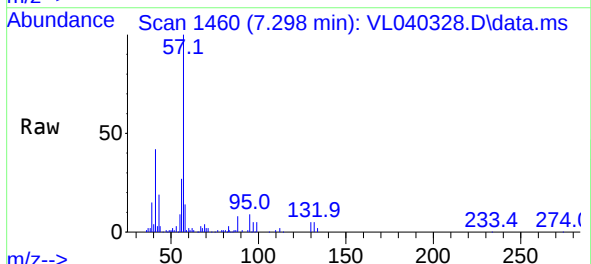
Instrument : MSVOA_1
ClientSampleId : LOD-MDL-AIR-01-QT2-2023

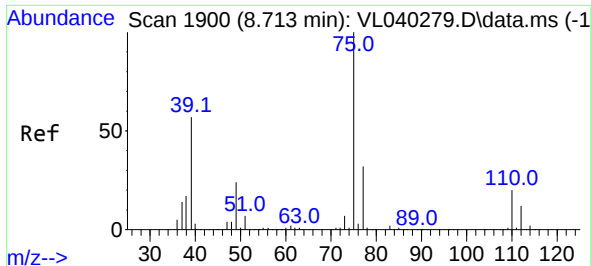
Tgt Ion: 69 Resp: 22072
Ion Ratio Lower Upper
69 100
41 159.4 116.9 175.3
100 31.1 24.2 36.4



#44
2,2,4-Trimethylpentane
Concen: 0.241 ppbv
RT: 7.298 min Scan# 1460
Delta R.T. -0.032 min
Lab File: VL040328.D
Acq: 10 Apr 2023 17:02

Tgt Ion: 57 Resp: 70143
Ion Ratio Lower Upper
57 100
41 71.6 26.8 40.2#
56 58.3 25.0 37.6#

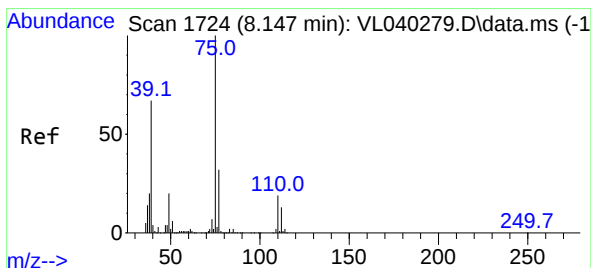
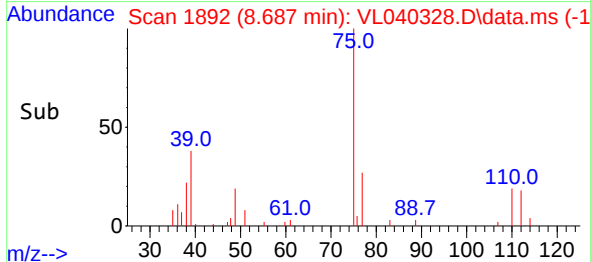
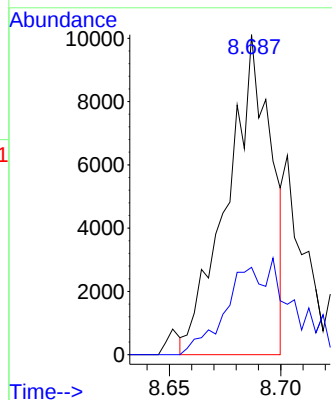
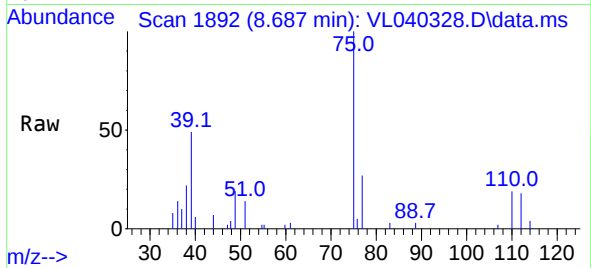




#45
 t-1,3-Dichloropropene
 Concen: 0.245 ppbv
 RT: 8.687 min Scan# 1715
 Delta R.T. -0.026 min
 Lab File: VL040328.D
 Acq: 10 Apr 2023 17:02

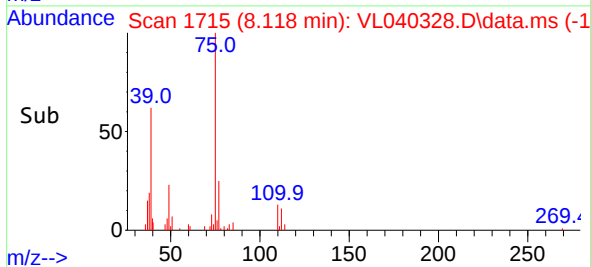
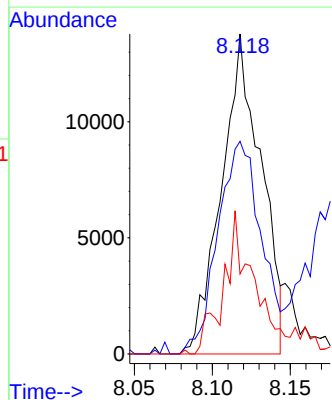
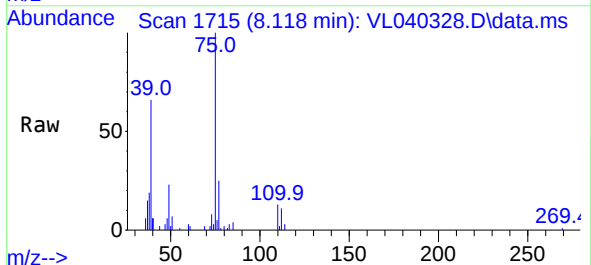
Instrument :
 MSVOA_L
 ClientSampleId :
 LOD-MDL-AIR-01-QT2-2023

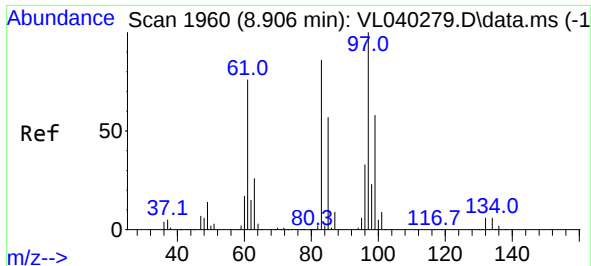
Tgt Ion: 75 Resp: 13819
 Ion Ratio Lower Upper
 75 100
 77 26.0 25.4 38.0



#46
 cis-1,3-Dichloropropene
 Concen: 0.304 ppbv
 RT: 8.118 min Scan# 1715
 Delta R.T. -0.029 min
 Lab File: VL040328.D
 Acq: 10 Apr 2023 17:02

Tgt Ion: 75 Resp: 24389
 Ion Ratio Lower Upper
 75 100
 39 66.4 53.9 80.9
 77 25.0 25.3 37.9#





#47

1,1,2-Trichloroethane

Concen: 0.306 ppbv

RT: 8.873 min Scan# 1960

Delta R.T. -0.033 min

Lab File: VL040328.D

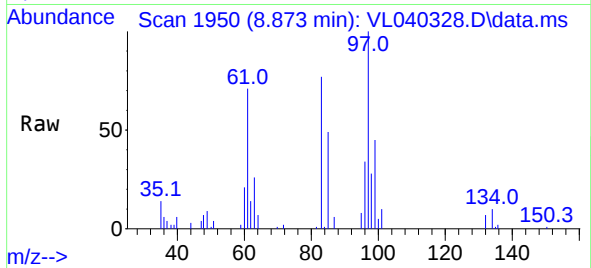
Acq: 10 Apr 2023 17:02

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT2-2023



Tgt Ion: 97 Resp: 22360

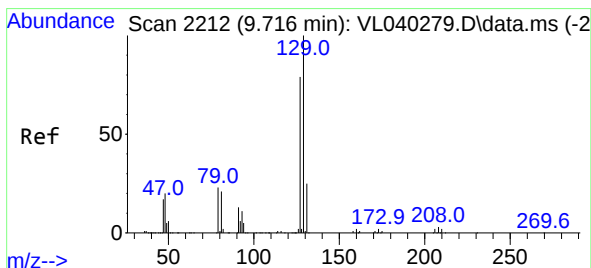
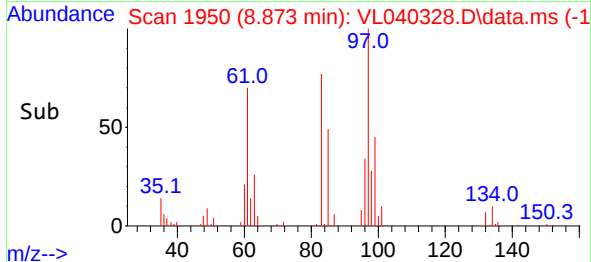
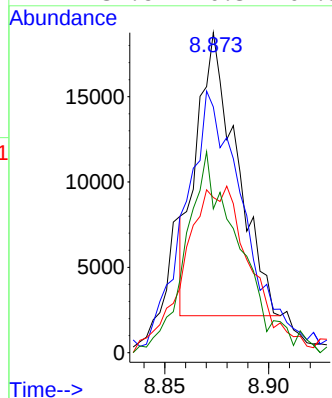
Ion Ratio Lower Upper

97 100

83 71.5 68.6 103.0

85 44.3 46.0 69.0#

99 39.8 46.3 69.5#



#48

Dibromochloromethane

Concen: 0.182 ppbv

RT: 9.690 min Scan# 2204

Delta R.T. -0.026 min

Lab File: VL040328.D

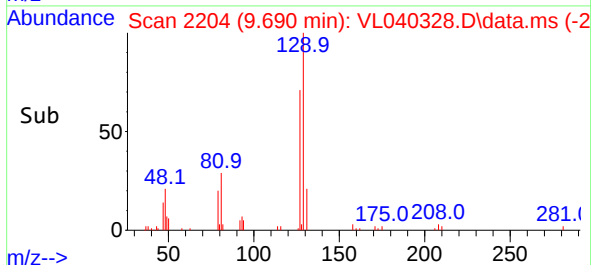
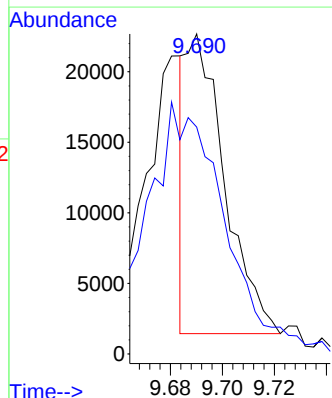
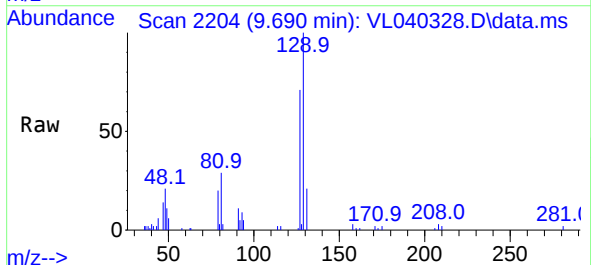
Acq: 10 Apr 2023 17:02

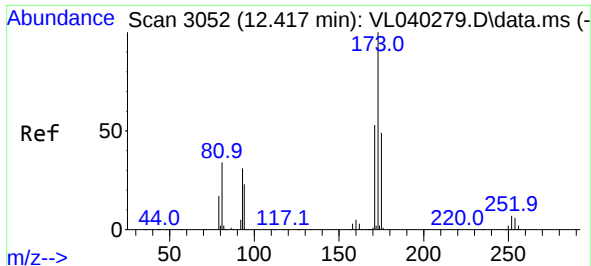
Tgt Ion: 129 Resp: 21914

Ion Ratio Lower Upper

129 100

127 174.1 39.1 117.5#

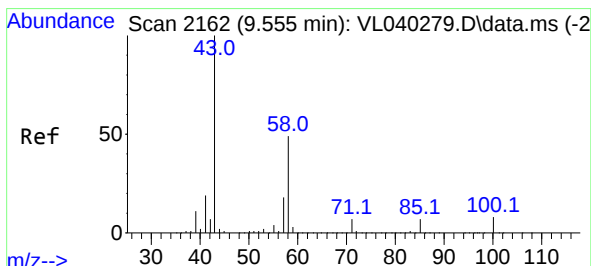
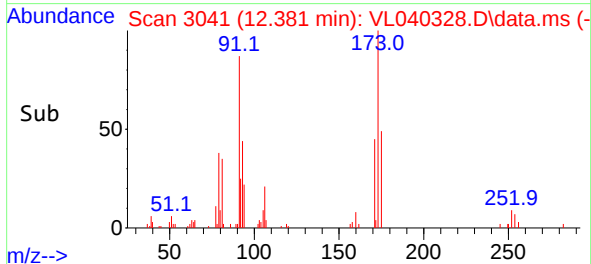
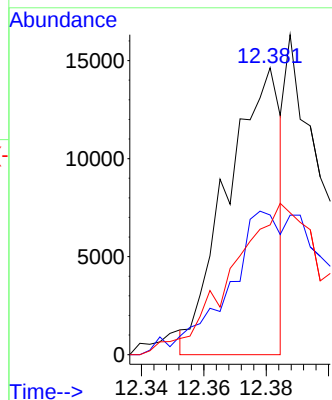
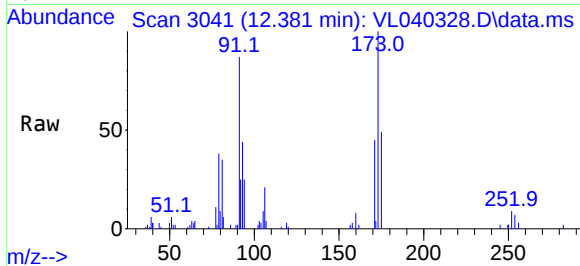




#49
Bromoform
Concen: 0.192 ppbv
RT: 12.381 min Scan# 3052
Delta R.T. -0.036 min
Lab File: VL040328.D
Acq: 10 Apr 2023 17:02

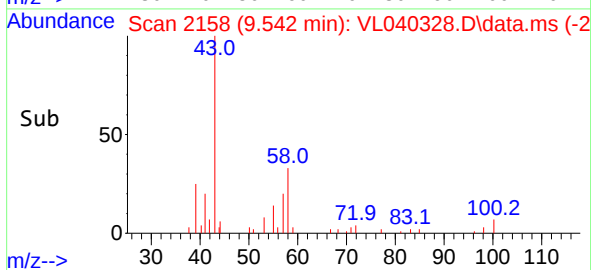
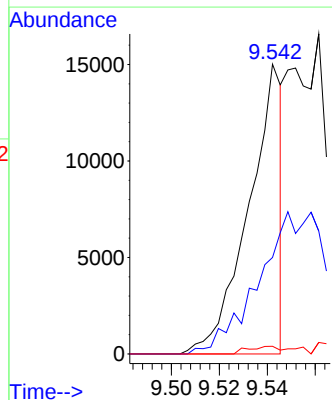
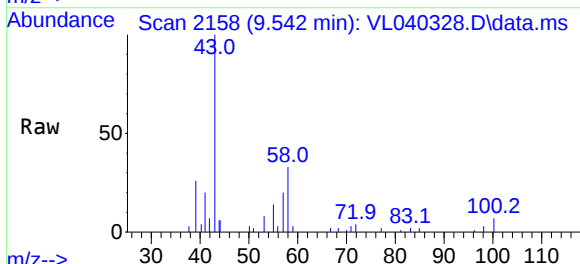
Instrument : MSVOA_1
ClientSampleId : LOD-MDL-AIR-01-QT2-2023

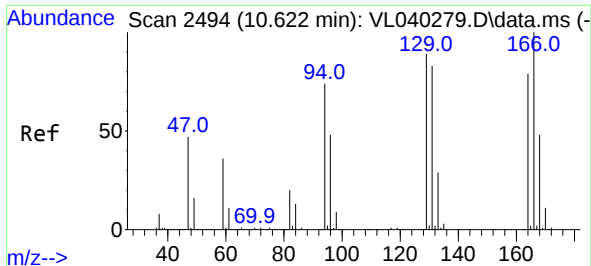
Tgt Ion:173 Resp: 17350
Ion Ratio Lower Upper
173 100
175 98.4 39.8 59.8#
171 0.0 42.2 63.4#



#51
2-Hexanone
Concen: 0.107 ppbv
RT: 9.542 min Scan# 2158
Delta R.T. -0.013 min
Lab File: VL040328.D
Acq: 10 Apr 2023 17:02

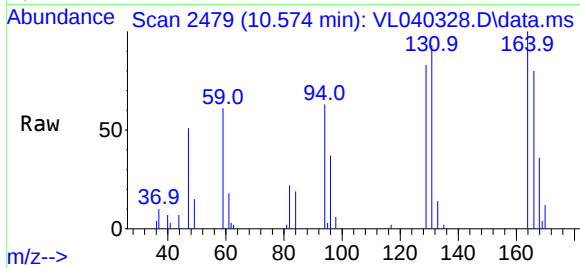
Tgt Ion: 43 Resp: 14497
Ion Ratio Lower Upper
43 100
58 0.0 38.0 57.0#
98 0.0 0.5 0.7#



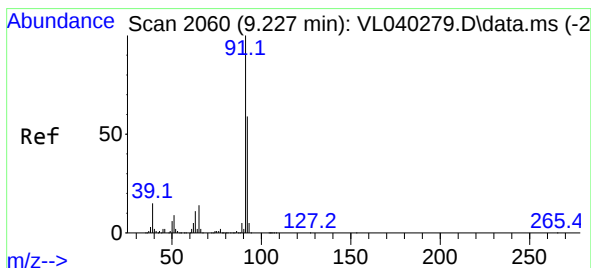
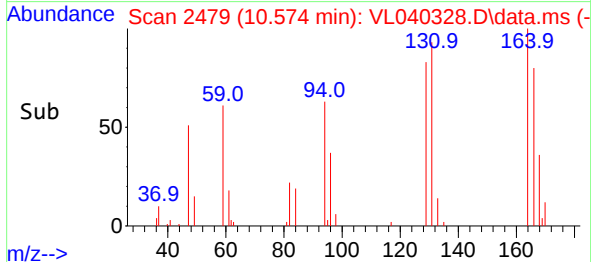
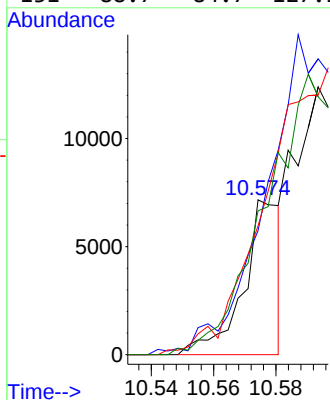


#52
Tetrachloroethene
Concen: 0.112 ppbv
RT: 10.574 min Scan# 2494
Delta R.T. -0.048 min
Lab File: VL040328.D
Acq: 10 Apr 2023 17:02

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

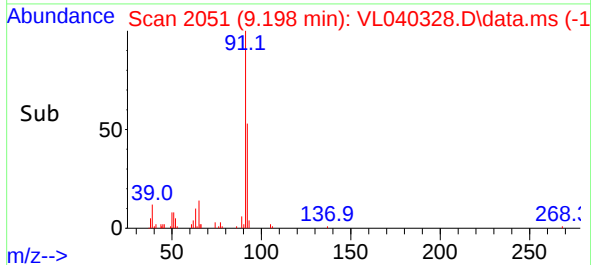
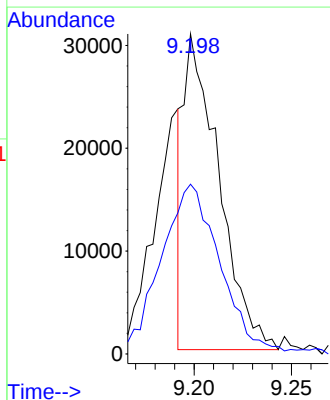
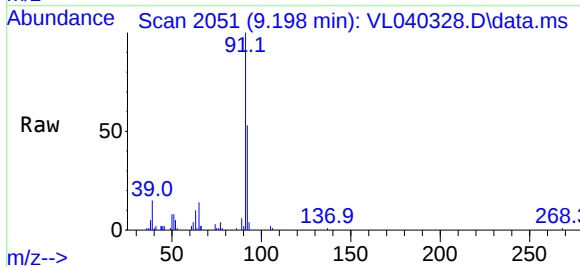


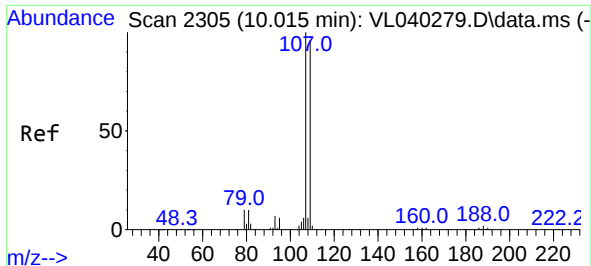
Tgt Ion:164 Resp: 5899
Ion Ratio Lower Upper
164 100
166 76.1 101.8 152.6#
129 80.3 90.2 135.2#
131 88.7 84.7 127.1



#53
Toluene
Concen: 0.210 ppbv
RT: 9.198 min Scan# 2051
Delta R.T. -0.029 min
Lab File: VL040328.D
Acq: 10 Apr 2023 17:02

Tgt Ion: 91 Resp: 38418
Ion Ratio Lower Upper
91 100
92 92.3 48.0 72.0#

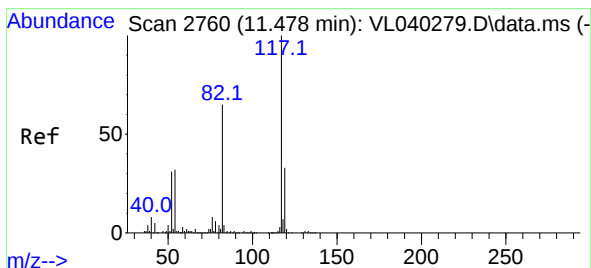
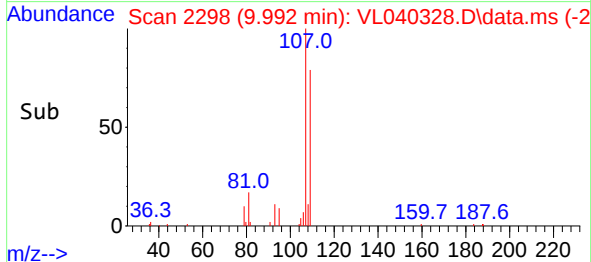
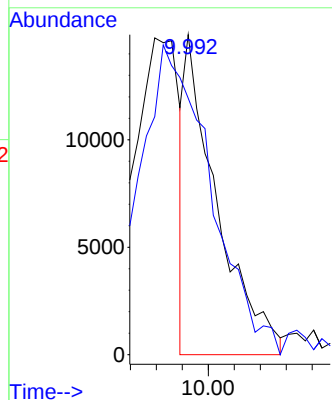
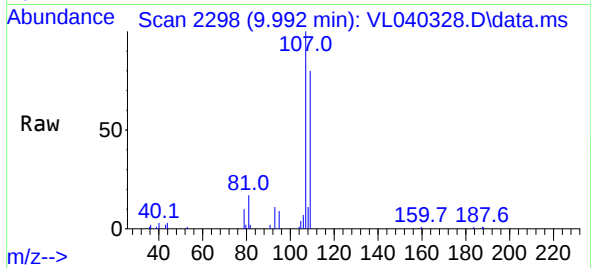




#54
1,2-Dibromoethane
Concen: 0.170 ppbv
RT: 9.992 min Scan# 21
Delta R.T. -0.023 min
Lab File: VL040328.D
Acq: 10 Apr 2023 17:02

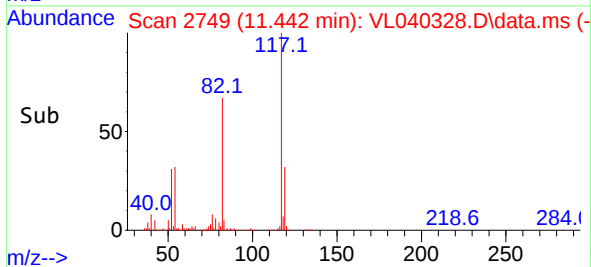
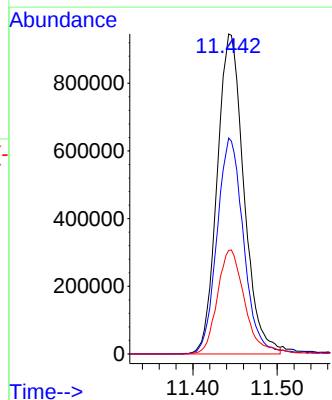
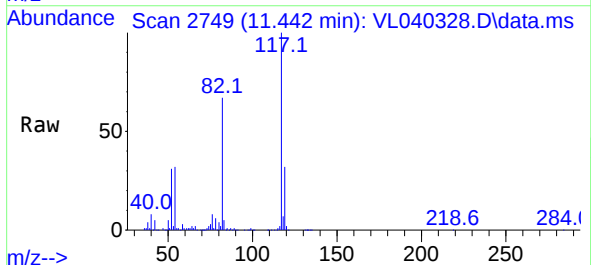
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2023

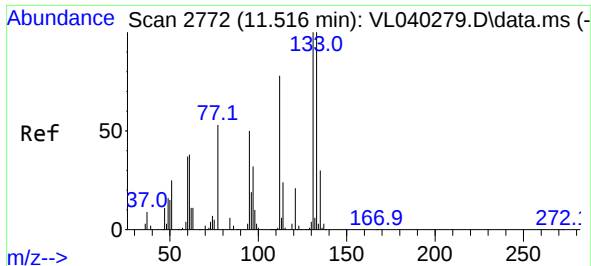
Tgt Ion:107 Resp: 12790
Ion Ratio Lower Upper
107 100
109 84.6 77.0 115.6



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.442 min Scan# 2749
Delta R.T. -0.036 min
Lab File: VL040328.D
Acq: 10 Apr 2023 17:02

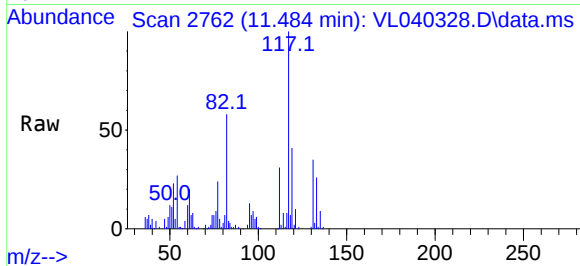
Tgt Ion:117 Resp: 2080379
Ion Ratio Lower Upper
117 100
82 68.3 51.4 77.2
119 33.7 24.0 36.0



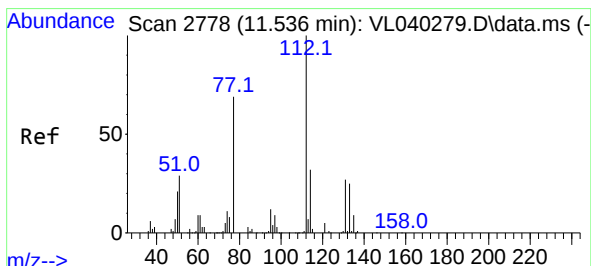
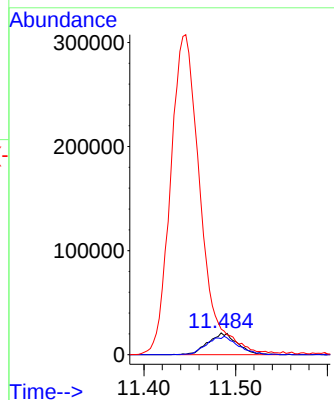
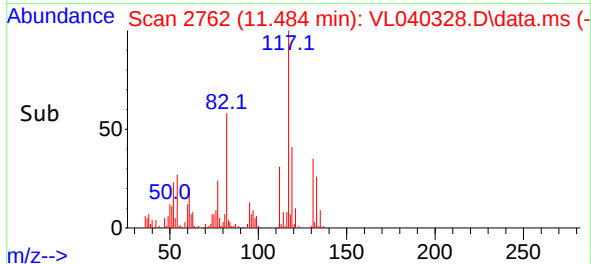


#56
1,1,1,2-Tetrachloroethane
Concen: 0.524 ppbv
RT: 11.484 min Scan# 21
Delta R.T. -0.032 min
Lab File: VL040328.D
Acq: 10 Apr 2023 17:02

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

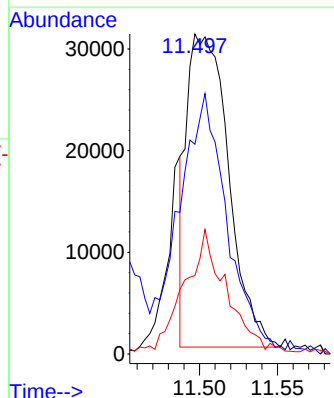
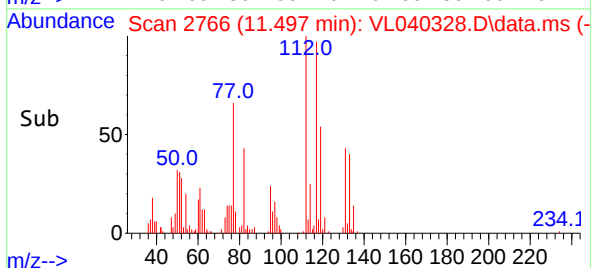
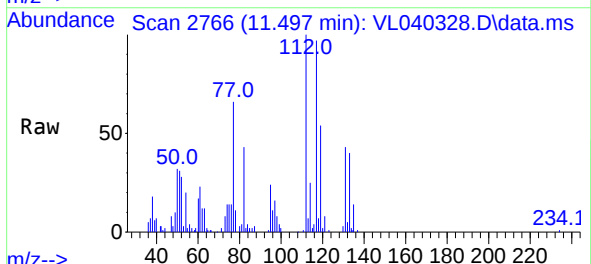


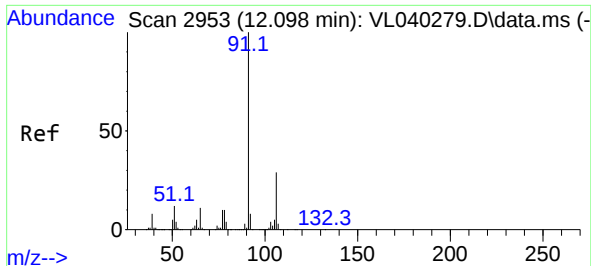
Tgt Ion:131 Resp: 45869
Ion Ratio Lower Upper
131 100
133 90.0 76.5 114.7
119 1522.5 47.9 71.9#



#57
Chlorobenzene
Concen: 0.386 ppbv
RT: 11.497 min Scan# 2766
Delta R.T. -0.039 min
Lab File: VL040328.D
Acq: 10 Apr 2023 17:02

Tgt Ion:112 Resp: 57062
Ion Ratio Lower Upper
112 100
77 64.3 56.2 84.2
114 22.9 29.0 35.4#

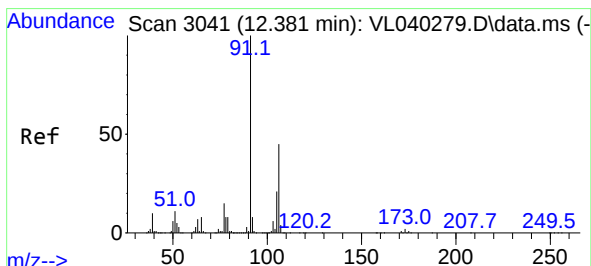
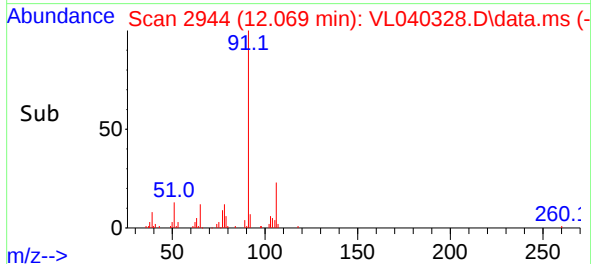
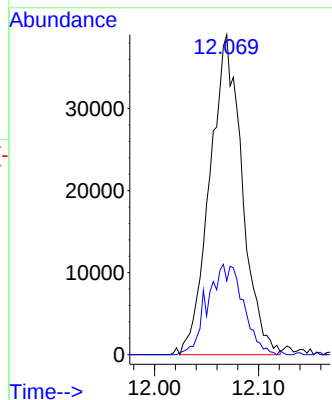
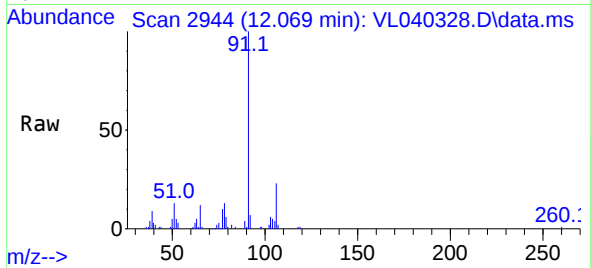




#58
Ethyl Benzene
Concen: 0.356 ppbv
RT: 12.069 min Scan# 2953
Delta R.T. -0.029 min
Lab File: VL040328.D
Acq: 10 Apr 2023 17:02

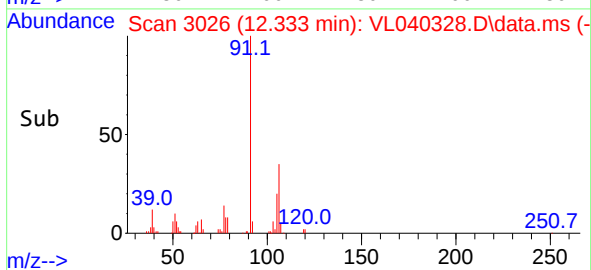
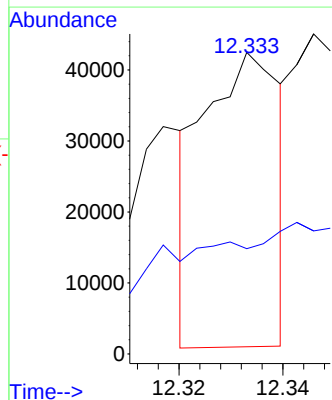
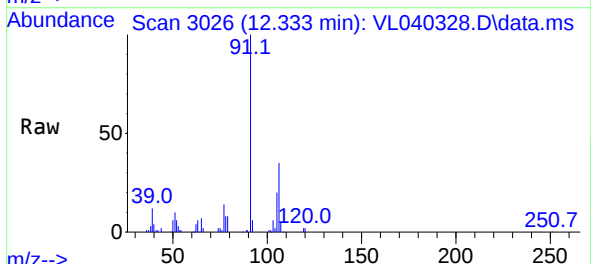
Instrument :
MSVOA_1
ClientSampleId :
LOD-MDL-AIR-01-QT2-2023

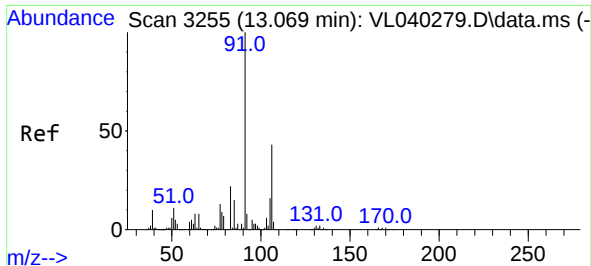
Tgt Ion: 91 Resp: 84263
Ion Ratio Lower Upper
91 100
106 22.4 23.4 35.2#



#59
m/p-Xylene
Concen: 0.195 ppbv
RT: 12.333 min Scan# 3026
Delta R.T. -0.048 min
Lab File: VL040328.D
Acq: 10 Apr 2023 17:02

Tgt Ion: 91 Resp: 42280
Ion Ratio Lower Upper
91 100
106 0.0 34.0 51.0#

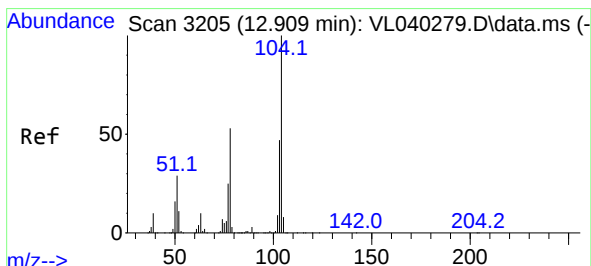
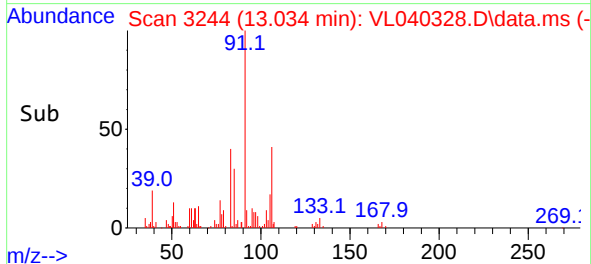
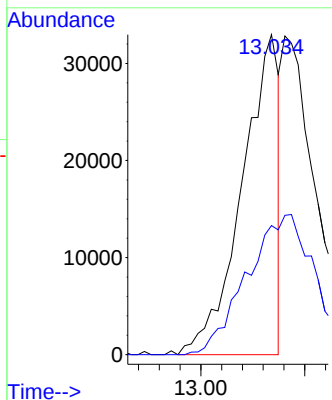
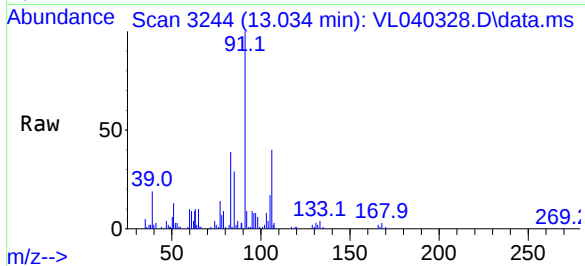




#60
o-Xylene
Concen: 0.195 ppbv
RT: 13.034 min Scan# 3196
Delta R.T. -0.035 min
Lab File: VL040328.D
Acq: 10 Apr 2023 17:02

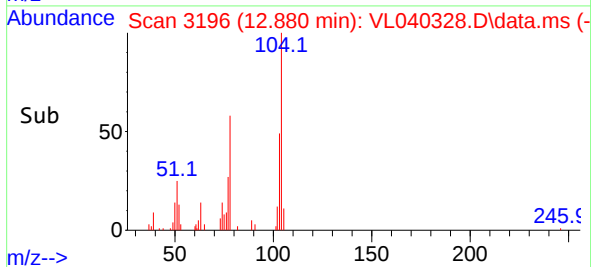
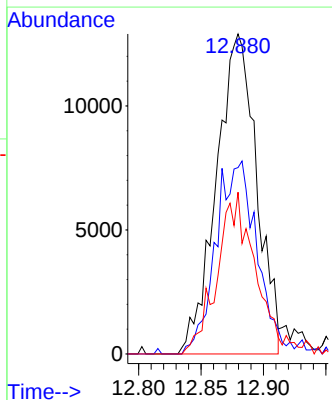
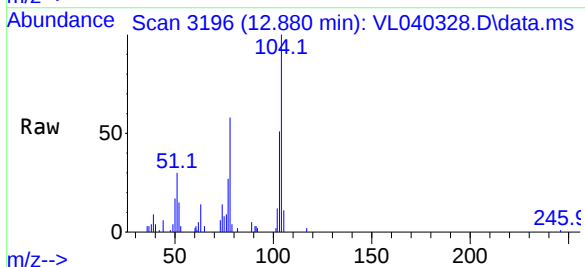
Instrument :
MSVOA_1
ClientSampleId :
LOD-MDL-AIR-01-QT2-2023

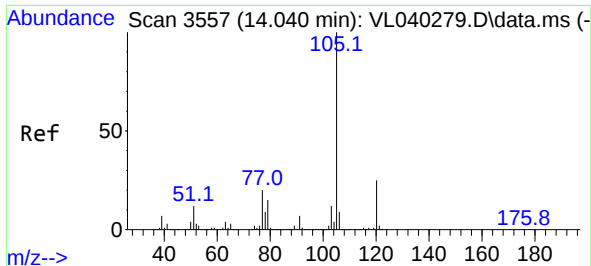
Tgt Ion: 91 Resp: 40528
Ion Ratio Lower Upper
91 100
106 0.0 21.7 65.1#



#61
Styrene
Concen: 0.276 ppbv
RT: 12.880 min Scan# 3196
Delta R.T. -0.029 min
Lab File: VL040328.D
Acq: 10 Apr 2023 17:02

Tgt Ion:104 Resp: 29022
Ion Ratio Lower Upper
104 100
78 62.9 43.7 65.5
103 49.1 37.4 56.2

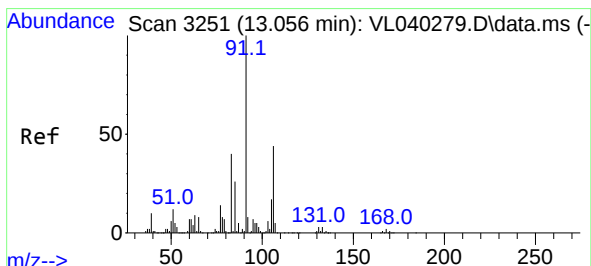
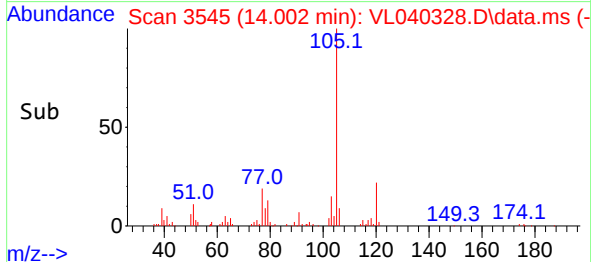
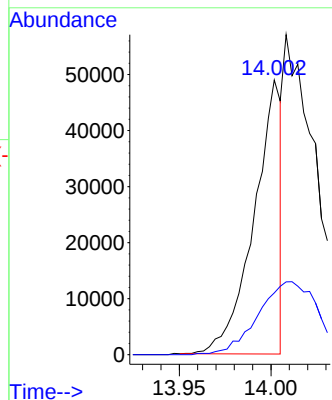
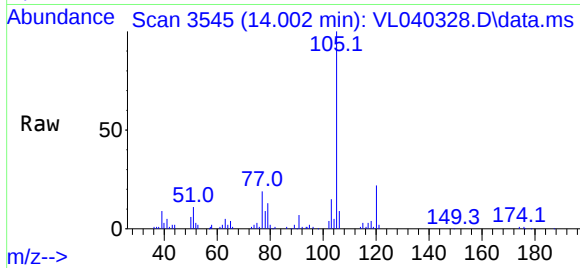




#62
Isopropylbenzene
Concen: 0.173 ppbv
RT: 14.002 min Scan# 31
Delta R.T. -0.038 min
Lab File: VL040328.D
Acq: 10 Apr 2023 17:02

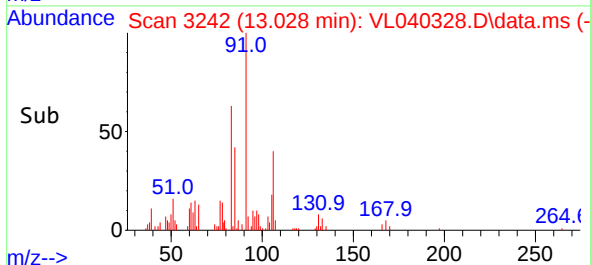
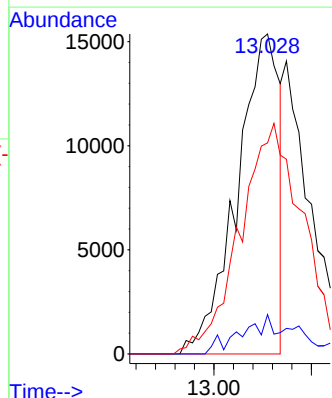
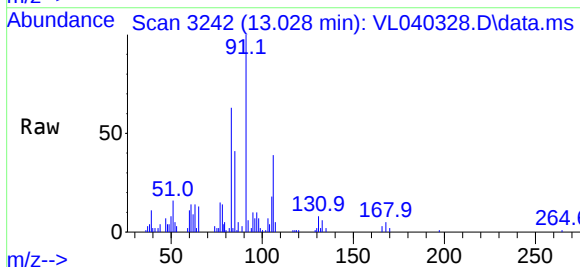
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2023

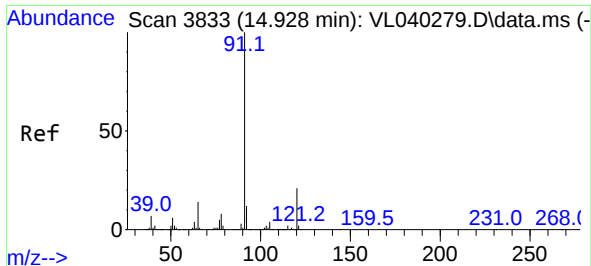
Tgt Ion:105 Resp: 50964
Ion Ratio Lower Upper
105 100
120 0.0 19.9 29.9#



#63
1,1,2,2-Tetrachloroethane
Concen: 0.317 ppbv
RT: 13.028 min Scan# 3242
Delta R.T. -0.028 min
Lab File: VL040328.D
Acq: 10 Apr 2023 17:02

Tgt Ion: 83 Resp: 23163
Ion Ratio Lower Upper
83 100
131 15.4 4.3 12.9#
85 114.3 32.7 98.1#

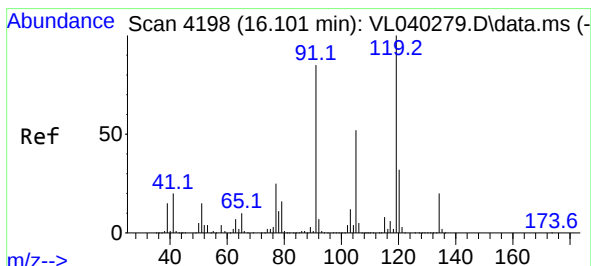
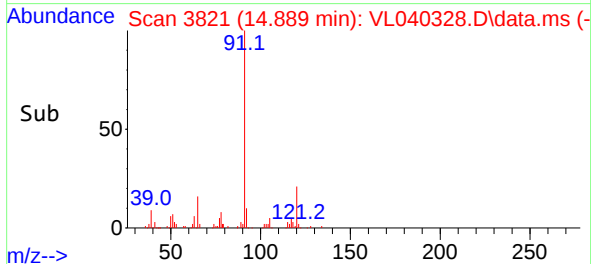
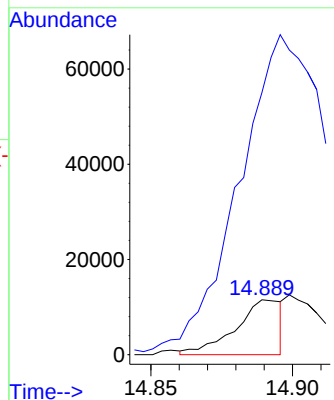
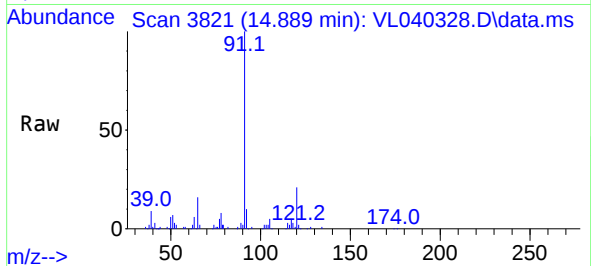




#64
n-propylbenzene
Concen: 0.179 ppbv
RT: 14.889 min Scan# 3821
Delta R.T. -0.039 min
Lab File: VL040328.D
Acq: 10 Apr 2023 17:02

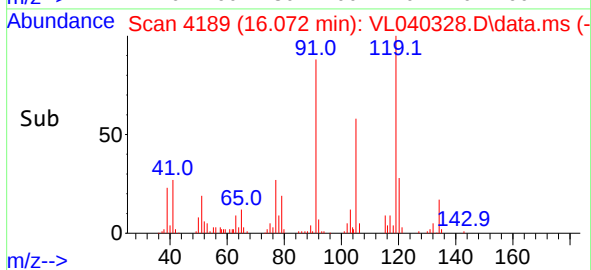
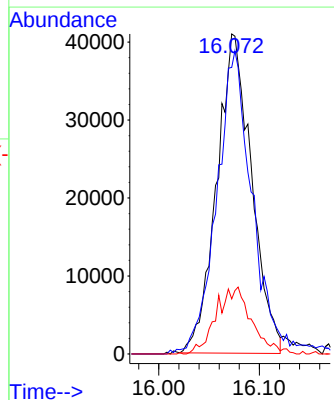
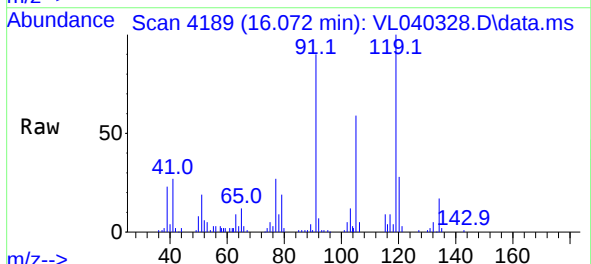
Instrument : MSVOA_1
ClientSampleId :
LOD-MDL-AIR-01-QT2-2023

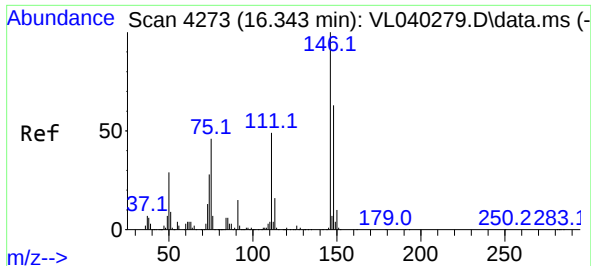
Tgt Ion:120 Resp: 12952
Ion Ratio Lower Upper
120 100
91 0.0 399.0 598.6#



#65
tert-Butylbenzene
Concen: 0.387 ppbv
RT: 16.072 min Scan# 4189
Delta R.T. -0.029 min
Lab File: VL040328.D
Acq: 10 Apr 2023 17:02

Tgt Ion:119 Resp: 98558
Ion Ratio Lower Upper
119 100
91 98.7 69.4 104.2
134 21.4 15.8 23.6

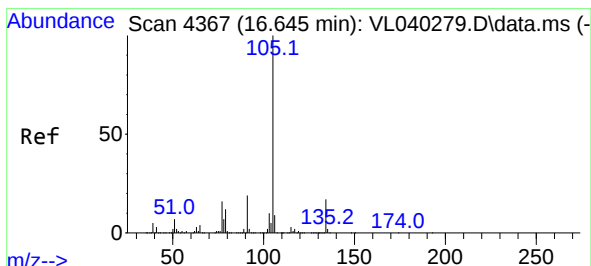
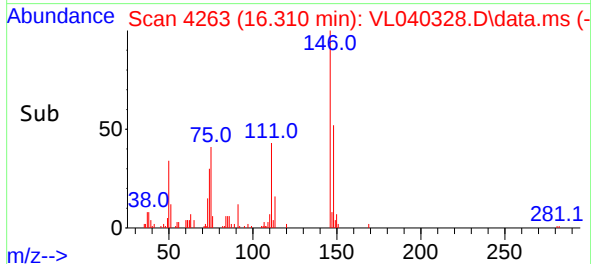
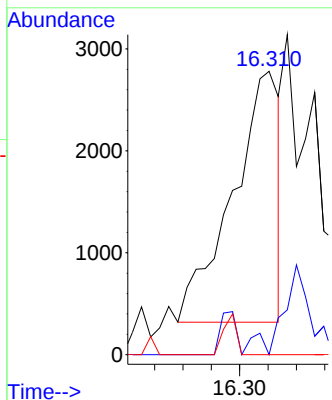
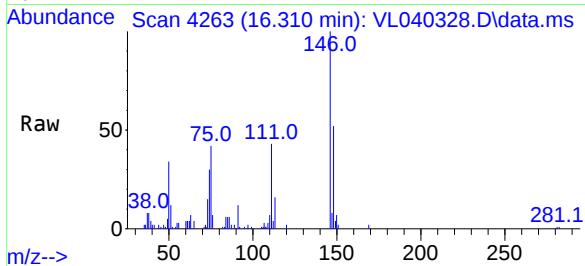




#66
Benzyl Chloride
Concen: 0.171 ppbv
RT: 16.310 min Scan# 41
Delta R.T. -0.033 min
Lab File: VL040328.D
Acq: 10 Apr 2023 17:02

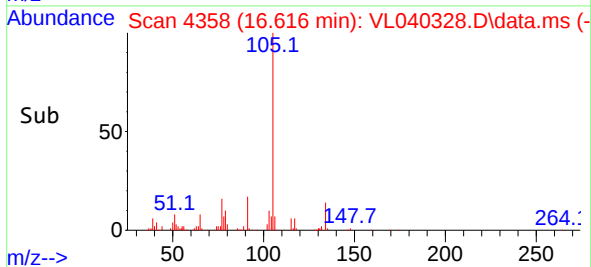
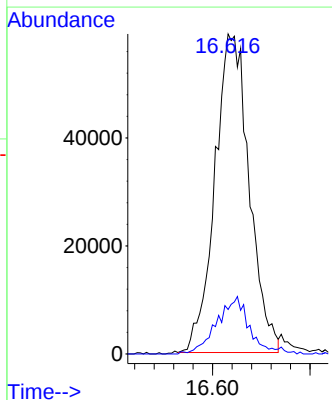
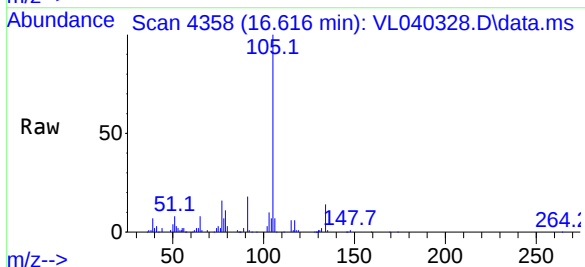
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2023

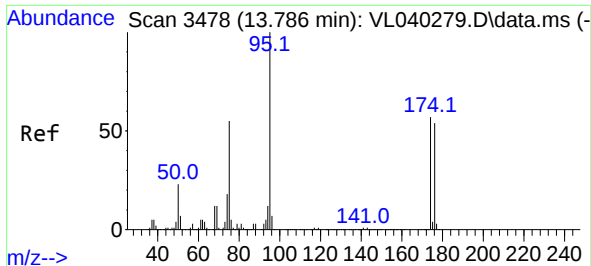
Tgt Ion: 91 Resp: 2829
Ion Ratio Lower Upper
91 100
126 29.9 12.1 18.1#
128 4.4 3.8 5.6



#67
sec-Butylbenzene
Concen: 0.397 ppbv
RT: 16.616 min Scan# 4358
Delta R.T. -0.029 min
Lab File: VL040328.D
Acq: 10 Apr 2023 17:02

Tgt Ion: 105 Resp: 144462
Ion Ratio Lower Upper
105 100
134 17.1 14.0 21.0

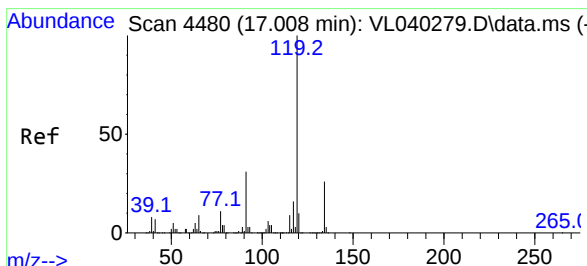
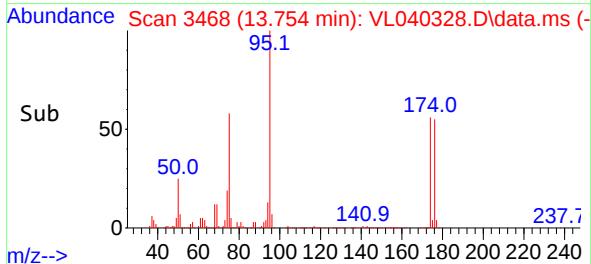
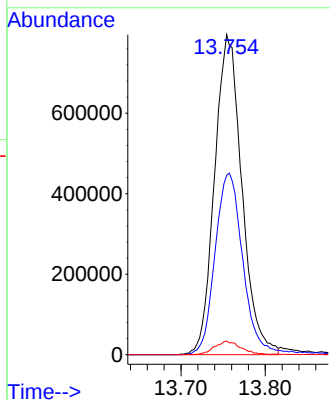
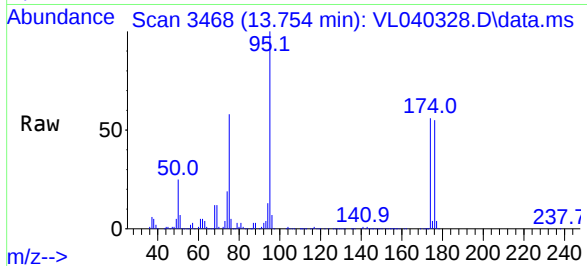




#68
1-Bromo-4-Fluorobenzene
Concen: 10.265 ppbv
RT: 13.754 min Scan# 3471
Delta R.T. -0.032 min
Lab File: VL040328.D
Acq: 10 Apr 2023 17:02

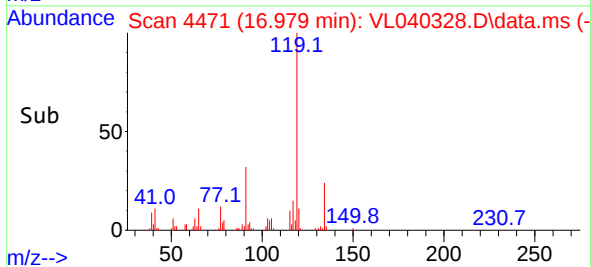
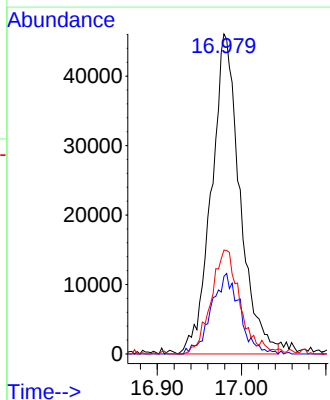
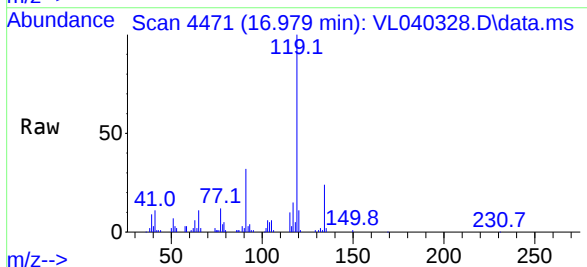
Instrument :
MSVOA_1
ClientSampleId :
LOD-MDL-AIR-01-QT2-2023

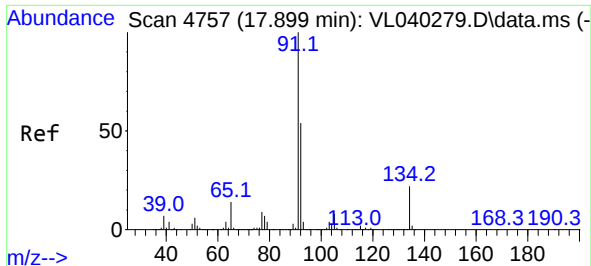
Tgt Ion: 95 Resp: 1788351
Ion Ratio Lower Upper
95 100
174 58.3 47.0 70.6
175 4.1 3.4 5.2



#69
p-Isopropyltoluene
Concen: 0.381 ppbv
RT: 16.979 min Scan# 4471
Delta R.T. -0.029 min
Lab File: VL040328.D
Acq: 10 Apr 2023 17:02

Tgt Ion: 119 Resp: 107900
Ion Ratio Lower Upper
119 100
134 25.5 20.2 30.2
91 34.0 25.1 37.7

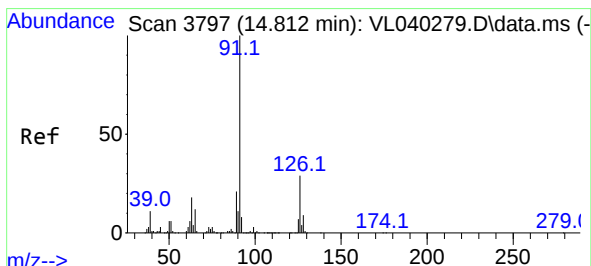
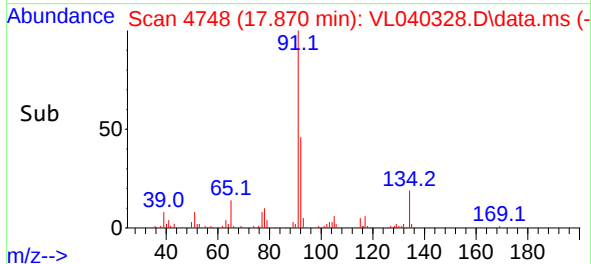
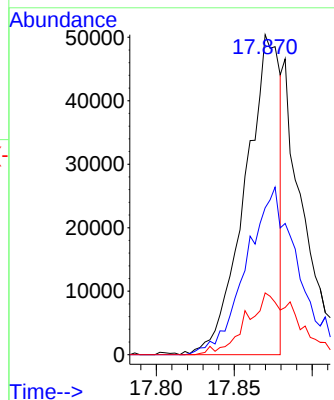
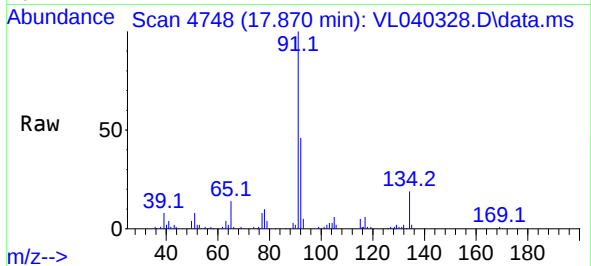




#70
n-Butylbenzene
Concen: 0.249 ppbv
RT: 17.870 min Scan# 41
Delta R.T. -0.029 min
Lab File: VL040328.D
Acq: 10 Apr 2023 17:02

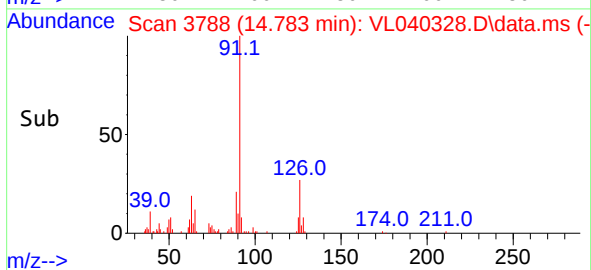
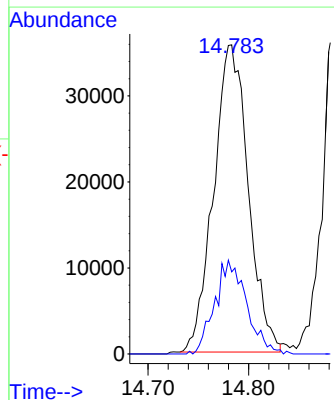
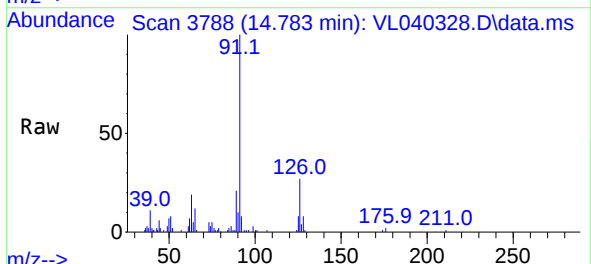
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2023

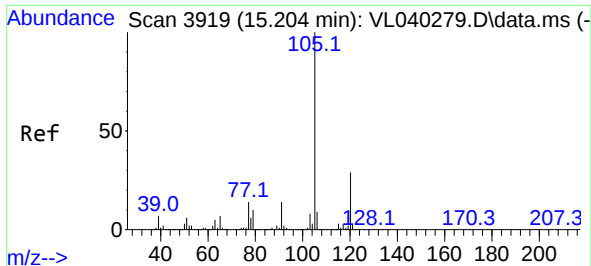
Tgt Ion: 91 Resp: 77711
Ion Ratio Lower Upper
91 100
92 0.0 42.9 64.3#
134 29.0 16.8 25.2#



#71
2-Chlorotoluene
Concen: 0.381 ppbv
RT: 14.783 min Scan# 3788
Delta R.T. -0.029 min
Lab File: VL040328.D
Acq: 10 Apr 2023 17:02

Tgt Ion: 91 Resp: 85602
Ion Ratio Lower Upper
91 100
126 28.0 11.8 47.4

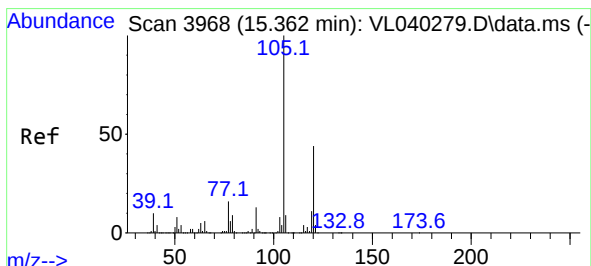
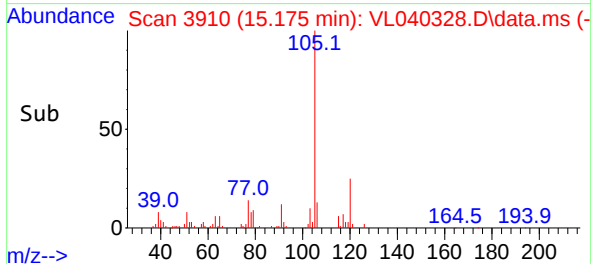
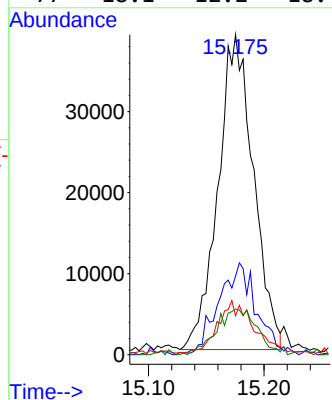
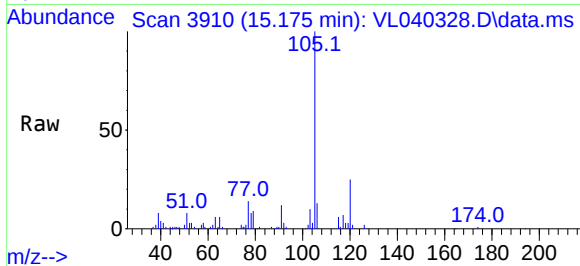




#72
4-Ethyltoluene
Concen: 0.365 ppbv
RT: 15.175 min Scan# 3910
Delta R.T. -0.029 min
Lab File: VL040328.D
Acq: 10 Apr 2023 17:02

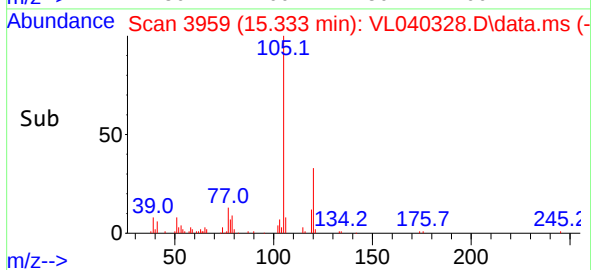
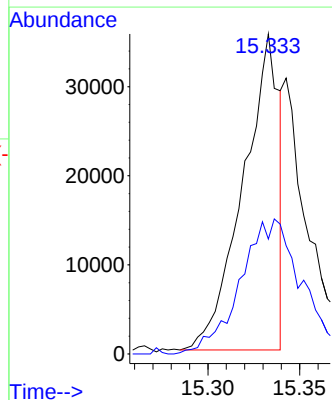
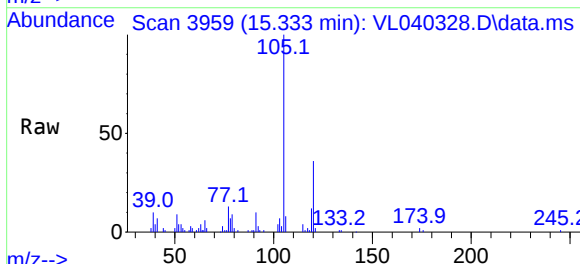
Instrument :
MSVOA_1
ClientSampleId :
LOD-MDL-AIR-01-QT2-2023

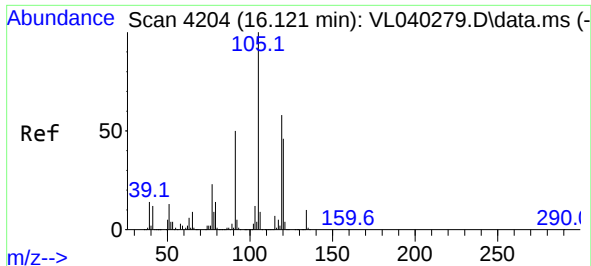
Tgt Ion:	105	Resp:	82839
Ion	Ratio	Lower	Upper
105	100		
120	31.5	23.7	35.5
91	18.5	11.6	17.4#
77	18.1	12.2	18.4



#73
1,3,5-Trimethylbenzene
Concen: 0.236 ppbv
RT: 15.333 min Scan# 3959
Delta R.T. -0.029 min
Lab File: VL040328.D
Acq: 10 Apr 2023 17:02

Tgt Ion:	105	Resp:	48433
Ion	Ratio	Lower	Upper
105	100		
120	35.9	34.9	52.3

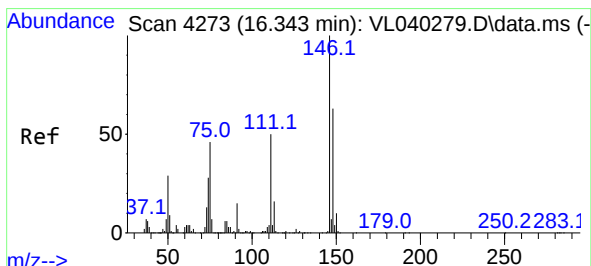
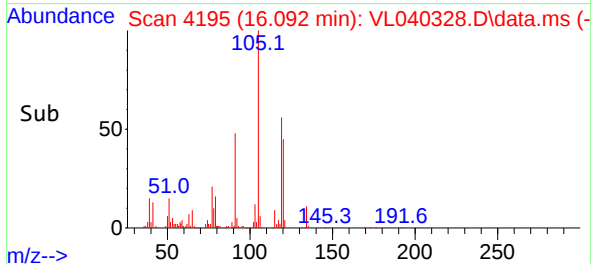
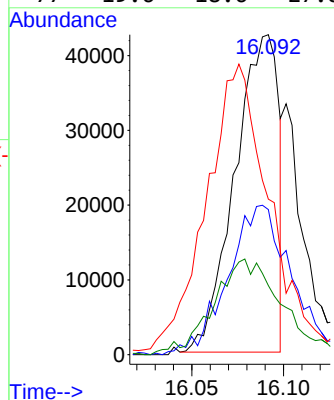
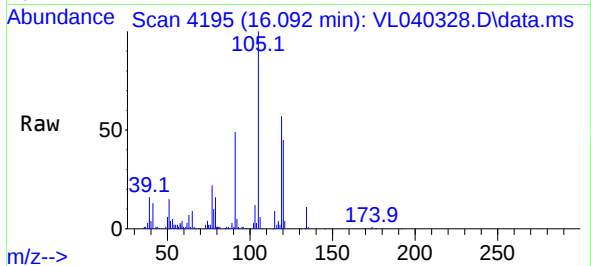




#74
1,2,4-Trimethylbenzene
Concen: 0.300 ppbv
RT: 16.092 min Scan# 4195
Delta R.T. -0.029 min
Lab File: VL040328.D
Acq: 10 Apr 2023 17:02

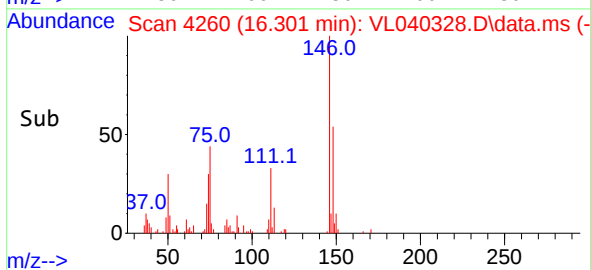
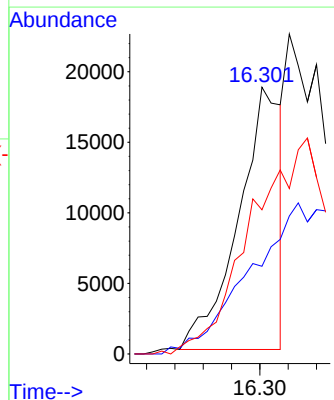
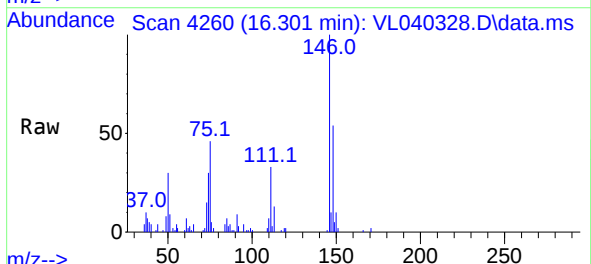
Instrument : MSVOA_1
ClientSampleId :
LOD-MDL-AIR-01-QT2-2023

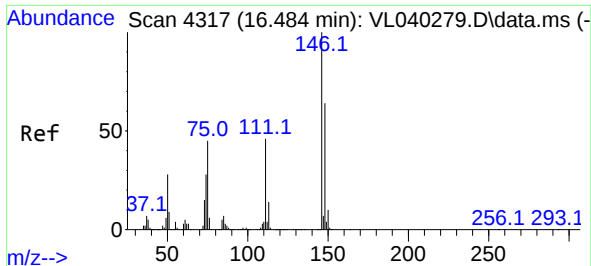
Tgt Ion:105	Resp:	70280
Ion	Ratio	Lower Upper
105	100	
120	42.6	36.6 54.8
91	32.4	39.9 59.9#
77	19.6	18.6 27.8



#75
1,3-Dichlorobenzene
Concen: 0.153 ppbv
RT: 16.301 min Scan# 4260
Delta R.T. -0.042 min
Lab File: VL040328.D
Acq: 10 Apr 2023 17:02

Tgt Ion:146	Resp:	19464
Ion	Ratio	Lower Upper
146	100	
111	0.0	24.3 73.0#
148	0.0	31.9 95.5#

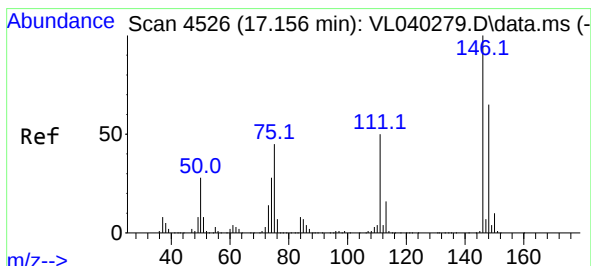
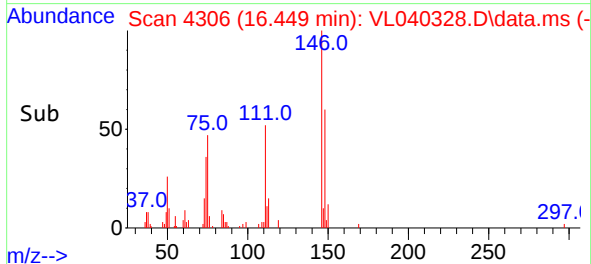
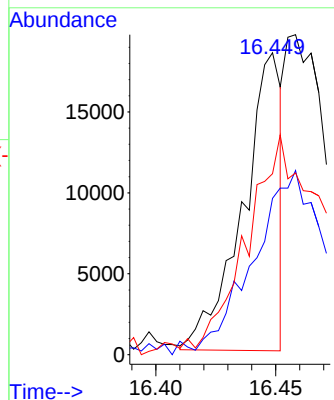
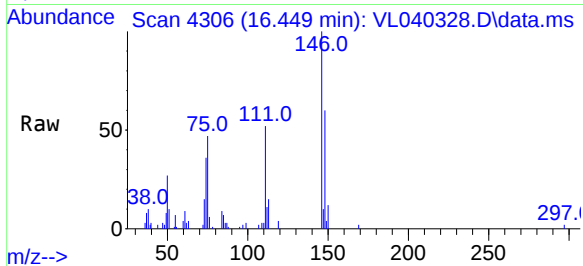




#76
1,4-Dichlorobenzene
Concen: 0.169 ppbv
RT: 16.449 min Scan# 411
Delta R.T. -0.035 min
Lab File: VL040328.D
Acq: 10 Apr 2023 17:02

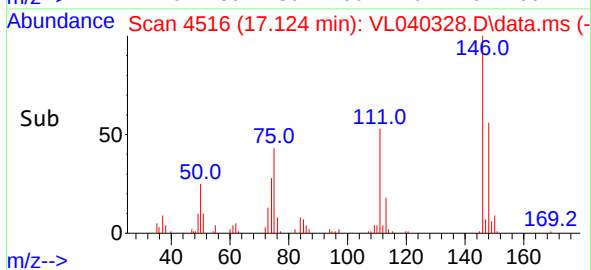
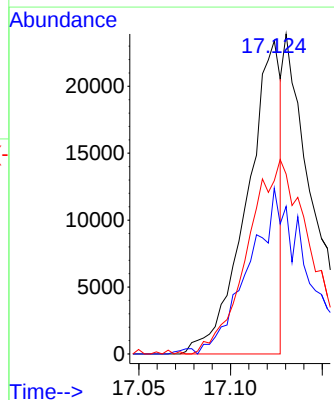
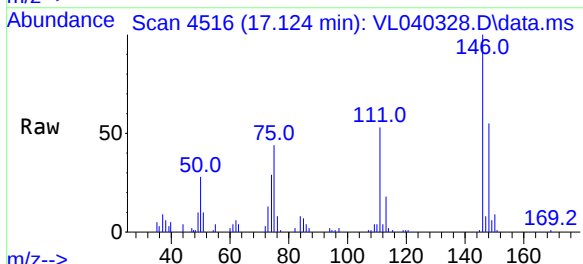
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2023

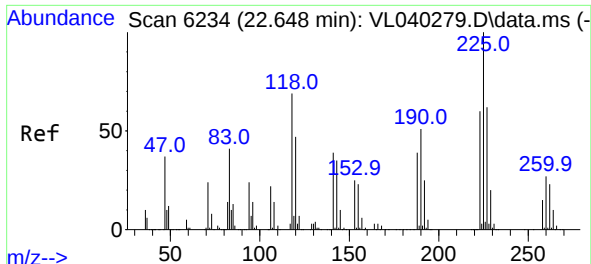
Tgt Ion:146 Resp: 20442
Ion Ratio Lower Upper
146 100
111 0.0 23.8 71.2#
148 170.7 32.5 97.5#



#77
1,2-Dichlorobenzene
Concen: 0.246 ppbv
RT: 17.124 min Scan# 4516
Delta R.T. -0.032 min
Lab File: VL040328.D
Acq: 10 Apr 2023 17:02

Tgt Ion:146 Resp: 30053
Ion Ratio Lower Upper
146 100
111 96.8 25.2 75.6#
148 0.0 32.1 96.3#

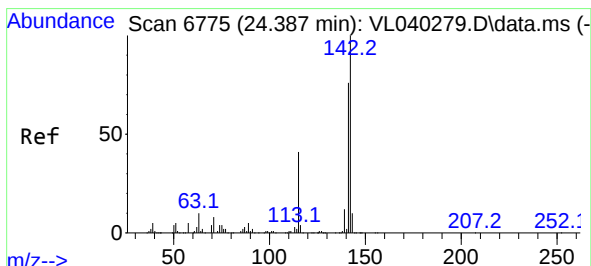
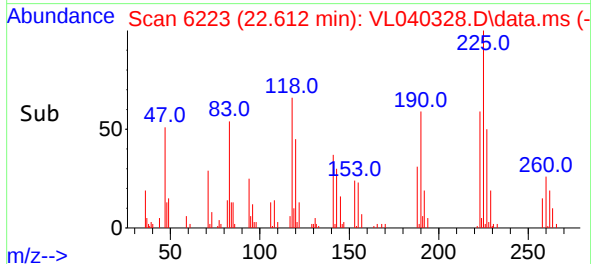
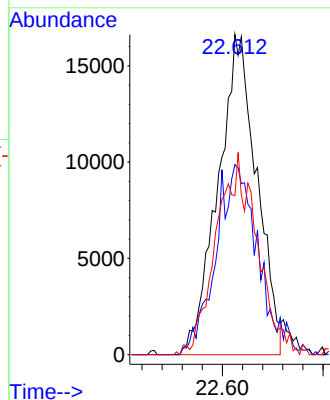
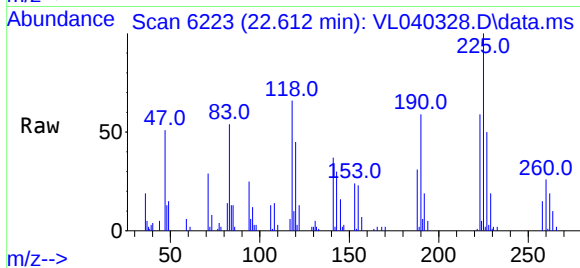




#78
Hexachloro-1,3-Butadiene
Concen: 0.498 ppbv
RT: 22.612 min Scan# 612
Delta R.T. -0.036 min
Lab File: VL040328.D
Acq: 10 Apr 2023 17:02

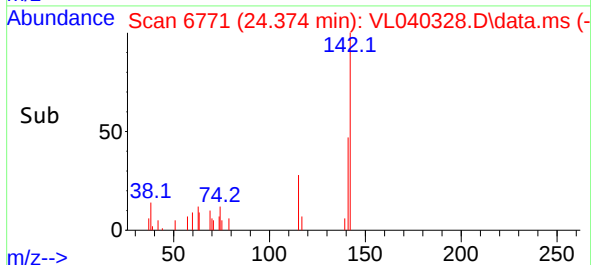
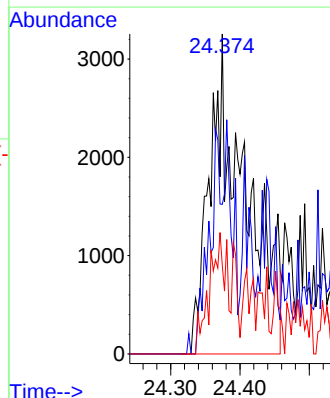
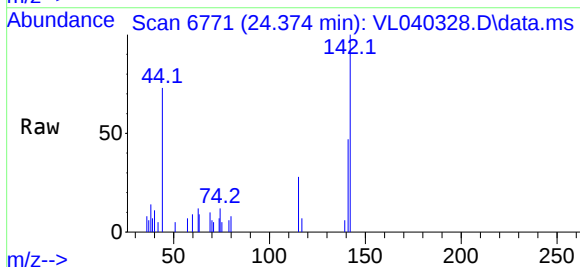
Instrument :
MSVOA_1
ClientSampleId :
LOD-MDL-AIR-01-QT2-2023

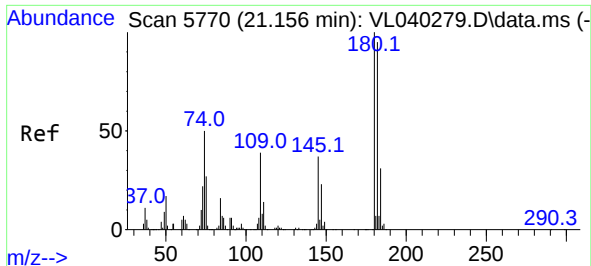
Tgt Ion:	225	Resp:	44506
Ion	Ratio	Lower	Upper
225	100		
223	65.1	51.0	76.6
227	66.5	51.4	77.2



#80
Naphthalene,2-methyl-
Concen: 0.332 ppbv
RT: 24.374 min Scan# 6771
Delta R.T. -0.013 min
Lab File: VL040328.D
Acq: 10 Apr 2023 17:02

Tgt Ion:	142	Resp:	11647
Ion	Ratio	Lower	Upper
142	100		
141	54.0	65.5	98.3#
115	22.5	33.5	50.3#





#81

1,2,4-Trichlorobenzene

Concen: 0.107 ppbv

RT: 21.111 min Scan# 51

Delta R.T. -0.045 min

Lab File: VL040328.D

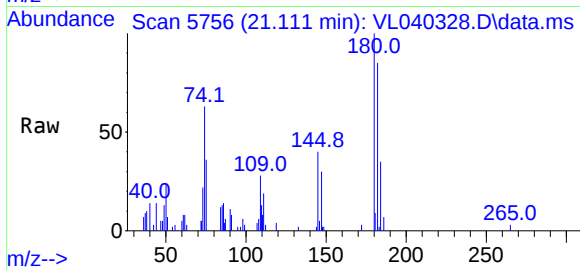
Acq: 10 Apr 2023 17:02

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT2-2023



Tgt Ion:180 Resp: 9114

Ion Ratio Lower Upper

180 100

182 0.0 76.1 114.1#

184 0.0 24.4 36.6#

