

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL041323\
 Data File : VL040365.D
 Acq On : 13 Apr 2023 18:36
 Operator : SY/MD
 Sample : 02332-01DL 4X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV-19-20230412DL

Quant Time: Apr 14 08:35:04 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL041323AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Thu Apr 13 14:37:02 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.192	49	1009824	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.658	114	2562334	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.481	117	2402362	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.793	95	1987952	10.007	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	= 100.100%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.719	85	28748	0.158	ppbv	99
3) Chlorodifluoromethane	2.661	51	13487	0.102	ppbv	98
4) Chloromethane	2.806	50	6739	0.081	ppbv	93
5) Vinyl Chloride	2.909	62	316	0.005	ppbv #	40
6) Bromomethane	3.108	94	80	0.004	ppbv #	4
7) Chloroethane	3.186	64	431	0.017	ppbv #	40
8) Dichlorotetrafluoroethane	2.848	85	563	0.003	ppbv	90
9) Propene	2.684	41	2222147	42.626	ppbv	92
10) Heptane	7.587	43	147570	1.246	ppbv	97
11) Trichlorofluoromethane	3.552	101	11637	0.063	ppbv	99
12) 1,1,2-Trichlorotrifluo...	4.063	101	1409	0.011	ppbv #	49
13) Ethanol	3.237	45	125182	28.765	ppbv	98
15) Acetone	3.459	43	1661694	11.618	ppbv	99
16) 1,3-Butadiene	2.957	39	858617	14.506	ppbv #	21
17) tert-Butyl alcohol	3.877	59	138455	1.054	ppbv	95
18) 1,1-Dichloroethene	3.890	96	115	0.002	ppbv #	1
19) Isopropyl Alcohol	3.575	45	25702	0.394	ppbv #	90
20) Methylene Chloride	3.928	84	28799	0.504	ppbv	84
21) Allyl Chloride	3.980	41	4435	0.055	ppbv #	1
22) trans-1,2-Dichloroethene	4.433	96	110	0.002	ppbv #	6
23) Vinyl Acetate	4.610	43	47558	1.306	ppbv #	30
24) 1,1-Dichloroethane	4.604	63	305	0.003	ppbv #	90
25) Ethyl Acetate	5.211	43	169703	0.705	ppbv #	78
26) Hexane	5.214	57	245907	2.424	ppbv #	34
27) Carbon Disulfide	4.118	76	43627	0.332	ppbv #	93
28) Methyl tert-Butyl Ether	4.578	73	223	0.002	ppbv #	52
29) Chloroform	5.337	83	316	0.002	ppbv	98
30) Cyclohexane	6.607	84	21000	0.267	ppbv #	65
31) cis-1,2-Dichloroethene	5.021	61	134	0.001	ppbv #	23
32) 1,1,1-Trichloroethane	6.015	97	104	0.001	ppbv #	22
34) 2-Butanone	4.787	43	319337	2.311	ppbv	99
35) Carbon Tetrachloride	6.497	117	1086	0.006	ppbv #	71
36) Benzene	6.372	78	286499	1.370	ppbv	96
37) 1,2-Dichloroethane	5.809	62	282	0.002	ppbv #	84
38) Trichloroethene	7.295	130	147	0.001	ppbv #	62
39) 1,2-Dichloropropane	6.655	63	667985	8.121	ppbv #	26
40) 1,4-Dioxane	7.333	88	505	0.016	ppbv #	1
41) Tetrahydrofuran	5.568	42	1096	0.014	ppbv #	1
42) Bromodichloromethane	7.253	83	1345	0.007	ppbv #	25
43) Methyl Methacrylate	7.484	69	103	0.001	ppbv #	1
44) 2,2,4-Trimethylpentane	7.330	57	265157	0.759	ppbv #	51
45) t-1,3-Dichloropropene	8.549	75	81	0.001	ppbv #	1
46) cis-1,3-Dichloropropene	8.230	75	97	0.001	ppbv #	1

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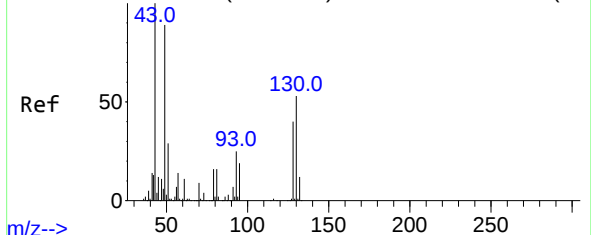
Instrument :
 MSVOA_L
 ClientSampleId :
 SV-19-20230412DL

Quant Time: Apr 14 08:35:04 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL041323AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
47) 1,1,2-Trichloroethane	8.873	97	148	0.002	ppbv	#	15
48) Dibromochloromethane	9.719	129	32	0.000	ppbv		75
49) Bromoform	12.439	173	130	0.001	ppbv	#	27
50) 4-Methyl-2-Pentanone	8.192	43	3911	0.019	ppbv	#	39
51) 2-Hexanone	9.494	43	12645	0.082	ppbv	#	67
52) Tetrachloroethene	10.632	164	824	0.013	ppbv	#	17
53) Toluene	9.230	91	887833	4.006	ppbv		99
54) 1,2-Dibromoethane	9.864	107	35	0.000	ppbv		83
56) 1,1,1,2-Tetrachloroethane	11.494	131	61	0.001	ppbv	#	1
57) Chlorobenzene	11.542	112	441	0.002	ppbv	#	74
58) Ethyl Benzene	12.108	91	255236	0.864	ppbv		93
59) m/p-Xylene	12.356	91	773622	2.847	ppbv		96
60) o-Xylene	13.076	91	221815	0.850	ppbv		97
61) Styrene	12.915	104	1628	0.012	ppbv	#	27
62) Isopropylbenzene	14.047	105	1390	0.004	ppbv	#	50
63) 1,1,2,2-Tetrachloroethane	13.198	83	1426	0.015	ppbv		84
64) n-propylbenzene	15.101	120	140	0.002	ppbv		83
65) tert-Butylbenzene	16.105	119	1296	0.004	ppbv	#	15
66) Benzyl Chloride	16.352	91	330	0.016	ppbv	#	69
67) sec-Butylbenzene	16.658	105	1481	0.003	ppbv	#	21
69) p-Isopropyltoluene	17.015	119	2978	0.008	ppbv	#	46
70) n-Butylbenzene	17.902	91	3859	0.009	ppbv	#	33
71) 2-Chlorotoluene	14.819	91	562	0.002	ppbv		75
72) 4-Ethyltoluene	15.220	105	5708	0.020	ppbv	#	41
73) 1,3,5-Trimethylbenzene	15.375	105	4549	0.017	ppbv	#	42
74) 1,2,4-Trimethylbenzene	16.124	105	8797	0.029	ppbv	#	66
75) 1,3-Dichlorobenzene	16.355	146	1892	0.011	ppbv	#	1
76) 1,4-Dichlorobenzene	16.497	146	736	0.004	ppbv	#	1
77) 1,2-Dichlorobenzene	17.172	146	369	0.002	ppbv	#	22
78) Hexachloro-1,3-Butadiene	22.657	225	312	0.002	ppbv	#	18
79) Naphthalene	21.410	128	5099	0.025	ppbv	#	90
80) Naphthalene,2-methyl-	24.397	142	1139	0.019	ppbv	#	35
81) 1,2,4-Trichlorobenzene	21.162	180	1303	0.010	ppbv	#	1

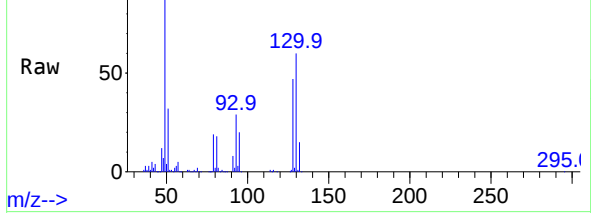
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Abundance Scan 804 (5.189 min): VL040354.D\data.ms (-78)



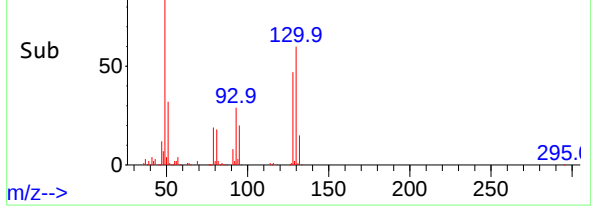
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Abundance Scan 805 (5.192 min): VL040365.D\data.ms



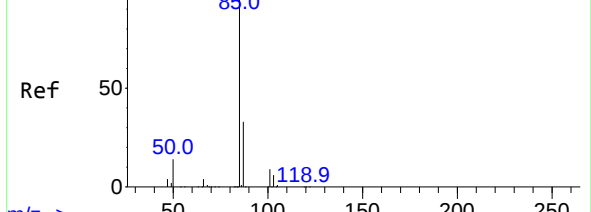
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Abundance Scan 805 (5.192 min): VL040365.D\data.ms (-64)



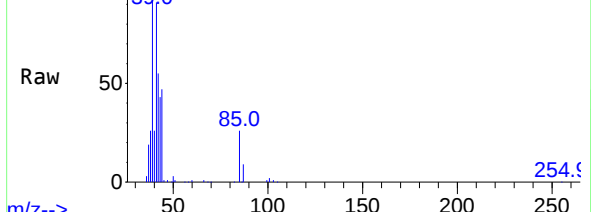
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Abundance Scan 35 (2.716 min): VL040354.D\data.ms (-25)



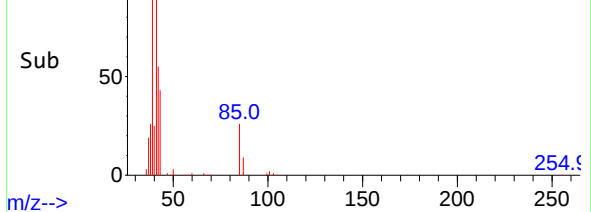
m/z-->

Abundance Scan 36 (2.719 min): VL040365.D\data.ms



m/z-->

Abundance Scan 36 (2.719 min): VL040365.D\data.ms (-1)



m/z-->

#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.192 min Scan# 80

Delta R.T. 0.003 min

Lab File: VL040365.D

Acq: 13 Apr 2023 18:36

Instrument :

MSVOA_L

ClientSampleId :

SV-19-20230412DL

Tgt Ion: 49 Resp: 1009824

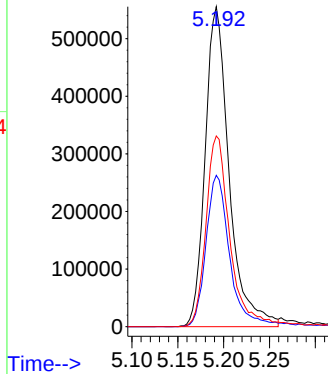
Ion Ratio Lower Upper

49 100

128 48.5 23.7 71.1

130 60.8 29.9 89.8

Abundance



Time-->

#2

Dichlorodifluoromethane

Concen: 0.158 ppbv

RT: 2.719 min Scan# 36

Delta R.T. 0.003 min

Lab File: VL040365.D

Acq: 13 Apr 2023 18:36

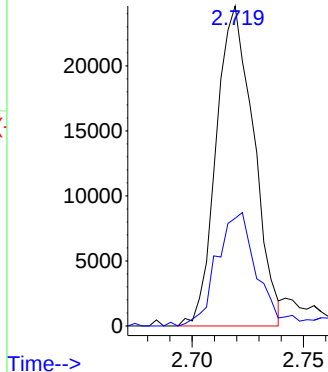
Tgt Ion: 85 Resp: 28748

Ion Ratio Lower Upper

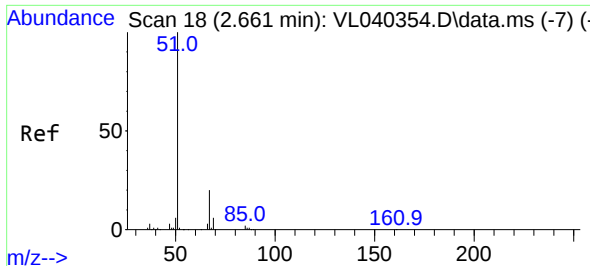
85 100

87 33.6 26.6 40.0

Abundance



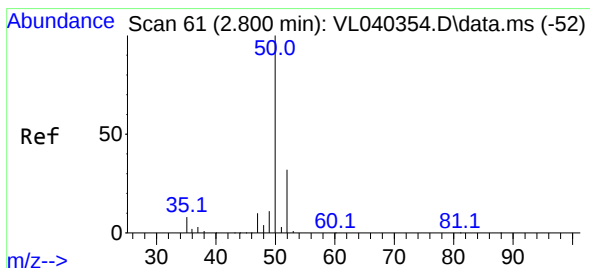
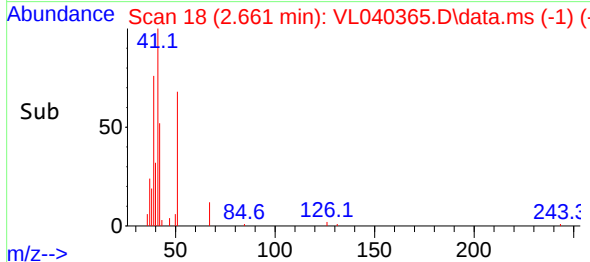
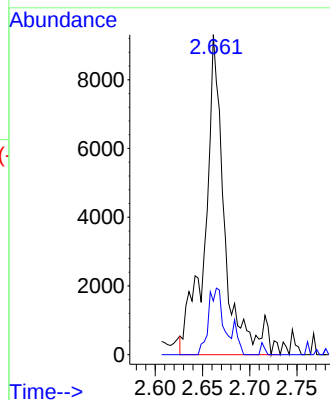
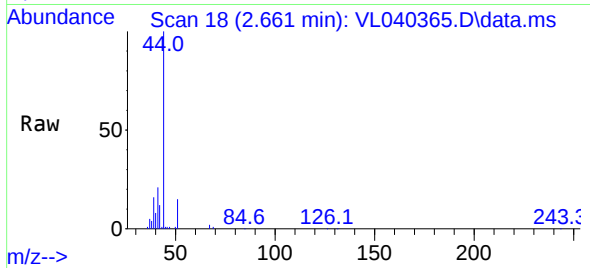
Time-->



#3
Chlorodifluoromethane
Concen: 0.102 ppbv
RT: 2.661 min Scan# 11
Delta R.T. 0.000 min
Lab File: VL040365.D
Acq: 13 Apr 2023 18:36

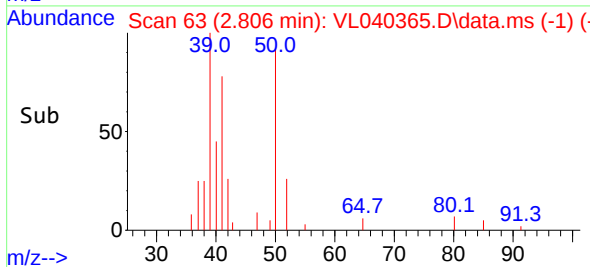
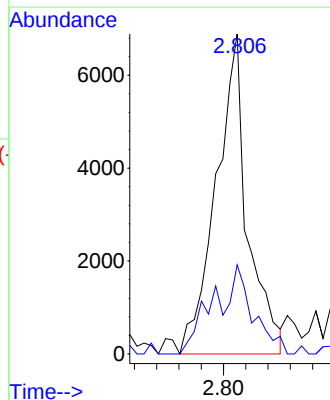
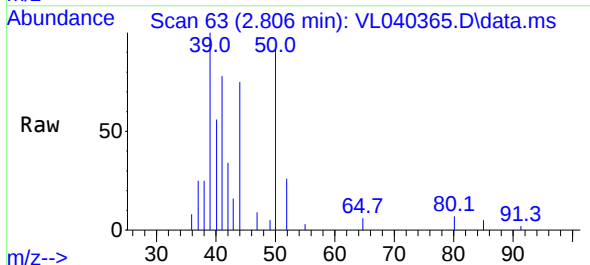
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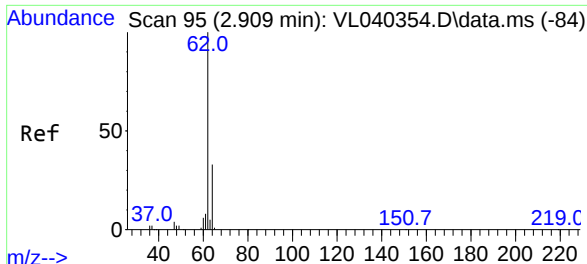
Tgt Ion: 51 Resp: 13487
Ion Ratio Lower Upper
51 100
67 18.3 15.5 23.3



#4
Chloromethane
Concen: 0.081 ppbv
RT: 2.806 min Scan# 63
Delta R.T. 0.007 min
Lab File: VL040365.D
Acq: 13 Apr 2023 18:36

Tgt Ion: 50 Resp: 6739
Ion Ratio Lower Upper
50 100
52 27.9 25.3 37.9

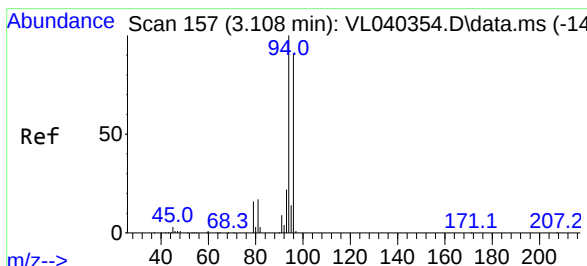
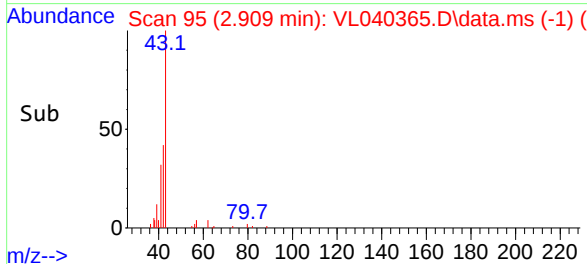
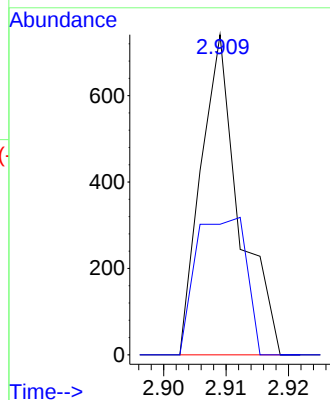
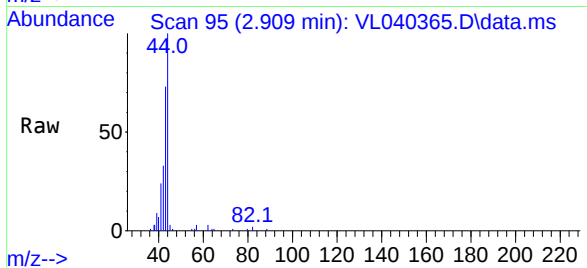




#5
 Vinyl Chloride
 Concen: 0.005 ppbv
 RT: 2.909 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VL040365.D
 Acq: 13 Apr 2023 18:36

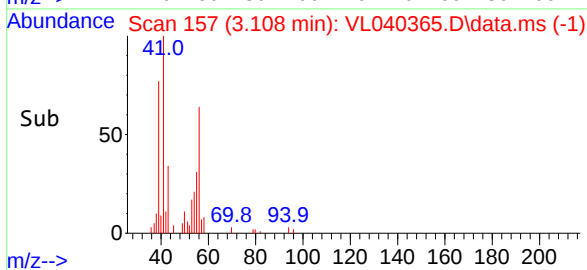
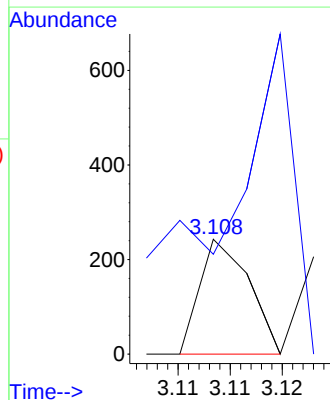
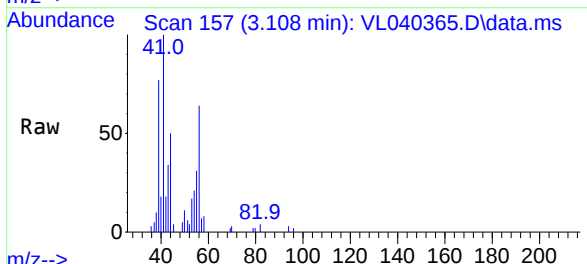
Instrument :
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 SV-19-20230412DL

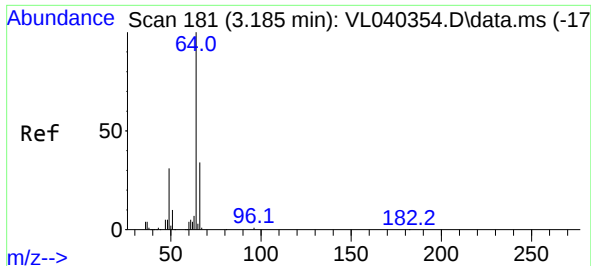
Tgt Ion: 62 Resp: 316
 Ion Ratio Lower Upper
 62 100
 64 66.8 26.3 39.5#



#6
 Bromomethane
 Concen: 0.004 ppbv
 RT: 3.108 min Scan# 157
 Delta R.T. 0.000 min
 Lab File: VL040365.D
 Acq: 13 Apr 2023 18:36

Tgt Ion: 94 Resp: 80
 Ion Ratio Lower Upper
 94 100
 96 0.0 72.6 108.8#

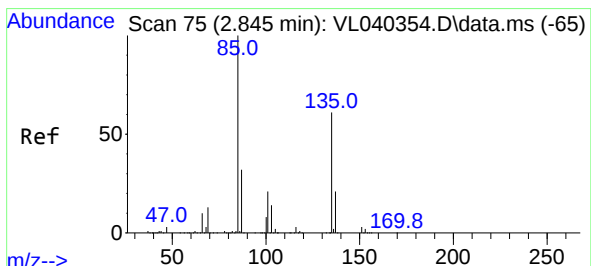
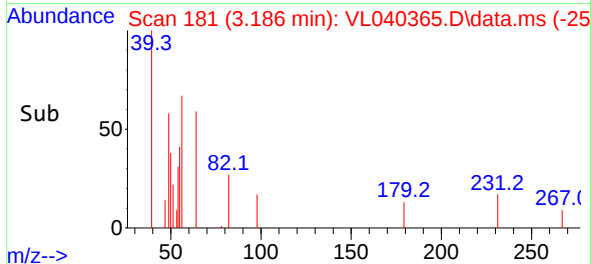
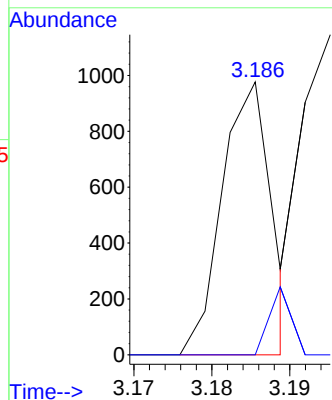
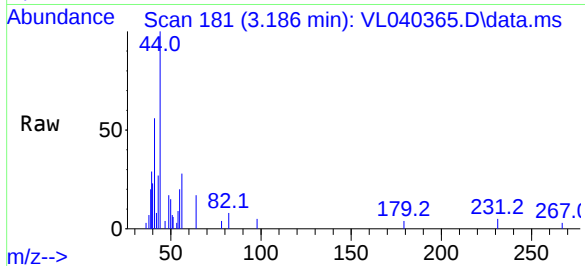




#7
Chloroethane
Concen: 0.017 ppbv
RT: 3.186 min Scan# 11
Delta R.T. 0.000 min
Lab File: VL040365.D
Acq: 13 Apr 2023 18:36

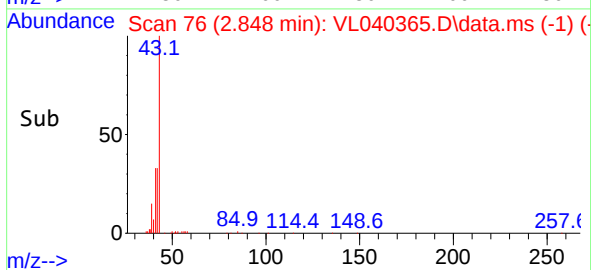
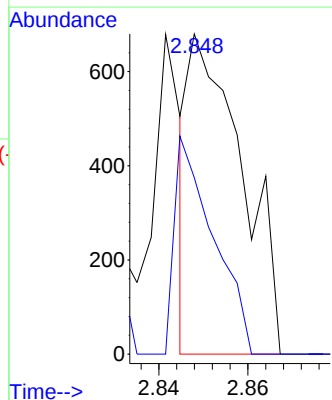
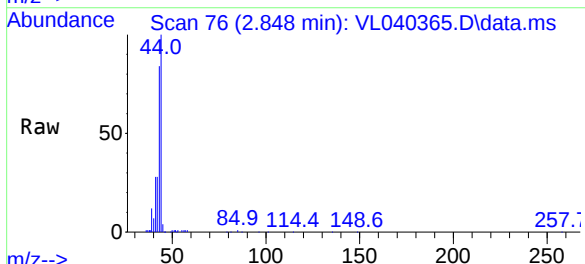
Instrument :
MSVOA_L
ClientSampleId :
SV-19-20230412DL

Tgt Ion: 64 Resp: 431
Ion Ratio Lower Upper
64 100
66 0.0 27.5 41.3#

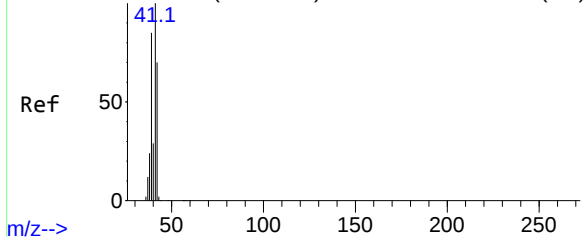


#8
Dichlorotetrafluoroethane
Concen: 0.003 ppbv
RT: 2.848 min Scan# 76
Delta R.T. 0.003 min
Lab File: VL040365.D
Acq: 13 Apr 2023 18:36

Tgt Ion: 85 Resp: 563
Ion Ratio Lower Upper
85 100
135 55.6 50.7 76.1



Abundance Scan 24 (2.681 min): VL040354.D\data.ms (-15)



#9

Propene

Concen: 42.626 ppbv

RT: 2.684 min Scan# 21

Delta R.T. 0.003 min

Lab File: VL040365.D

Acq: 13 Apr 2023 18:36

Instrument :

MSVOA_L

ClientSampleId :

SV-19-20230412DL

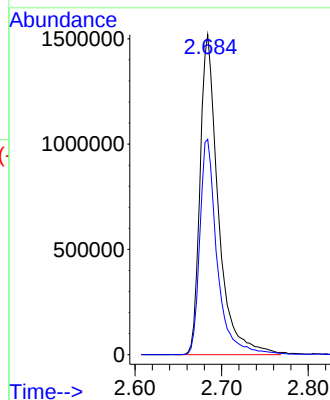
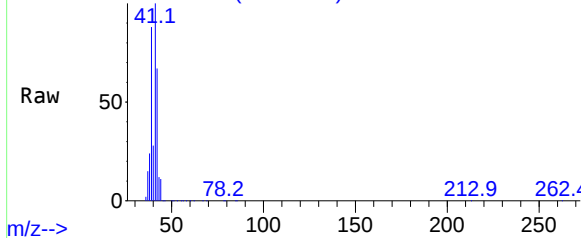
Tgt Ion: 41 Resp: 2222147

Ion Ratio Lower Upper

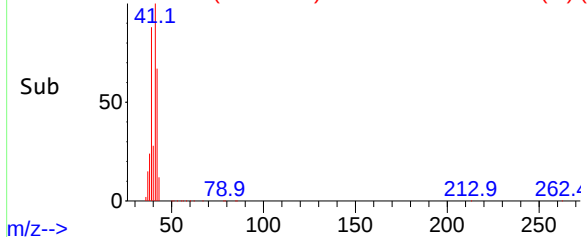
41 100

42 64.2 56.5 84.7

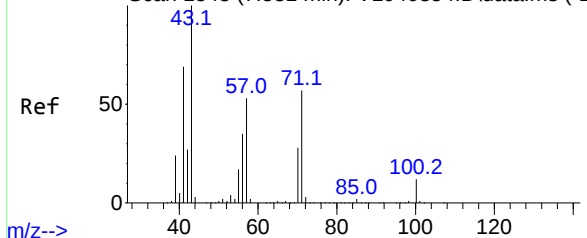
Abundance Scan 25 (2.684 min): VL040365.D\data.ms



Abundance Scan 25 (2.684 min): VL040365.D\data.ms (-1)



Abundance Scan 1548 (7.581 min): VL040354.D\data.ms (-1)



#10

Heptane

Concen: 1.246 ppbv

RT: 7.587 min Scan# 1550

Delta R.T. 0.007 min

Lab File: VL040365.D

Acq: 13 Apr 2023 18:36

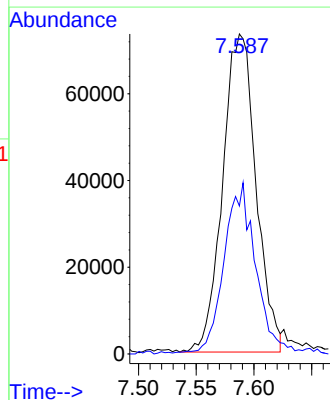
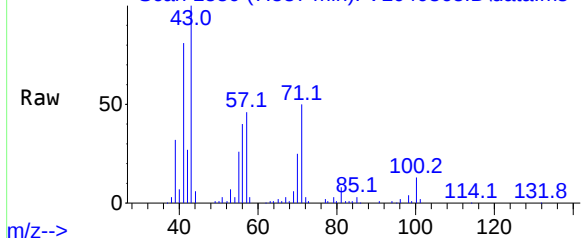
Tgt Ion: 43 Resp: 147570

Ion Ratio Lower Upper

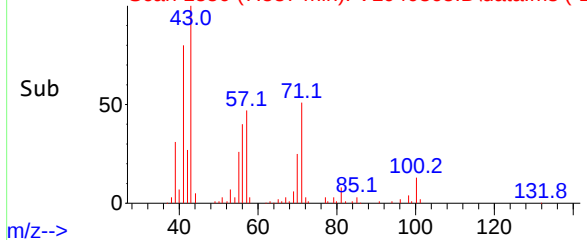
43 100

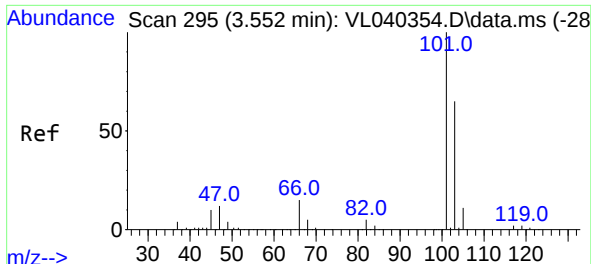
57 50.4 42.2 63.4

Abundance Scan 1550 (7.587 min): VL040365.D\data.ms



Abundance Scan 1550 (7.587 min): VL040365.D\data.ms (-1)

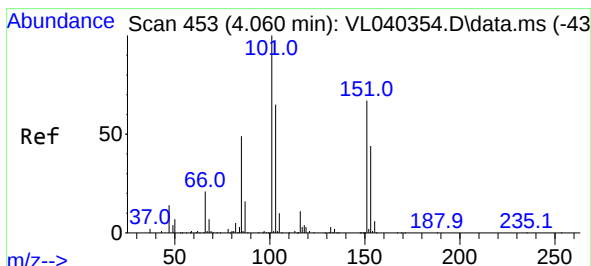
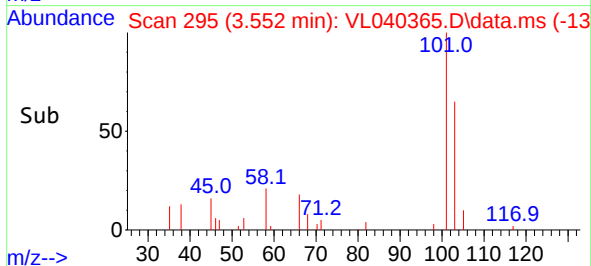
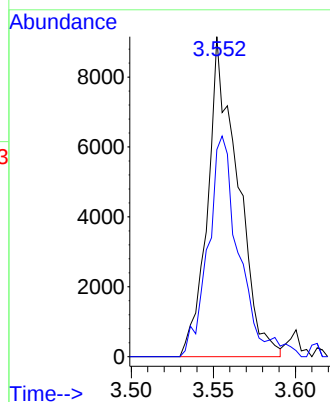
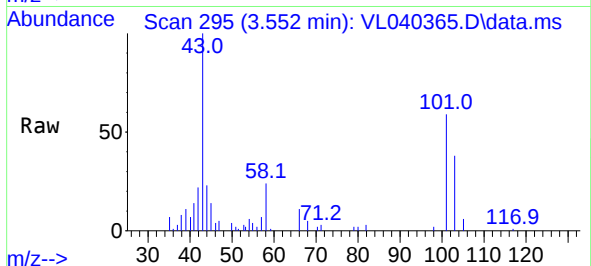




#11
 Trichlorofluoromethane
 Concen: 0.063 ppbv
 RT: 3.552 min Scan# 295
 Delta R.T. 0.000 min
 Lab File: VL040365.D
 Acq: 13 Apr 2023 18:36

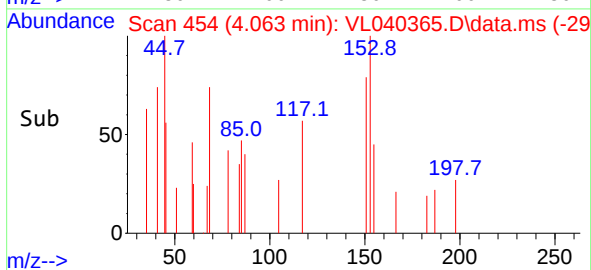
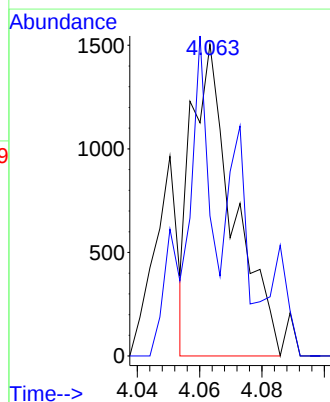
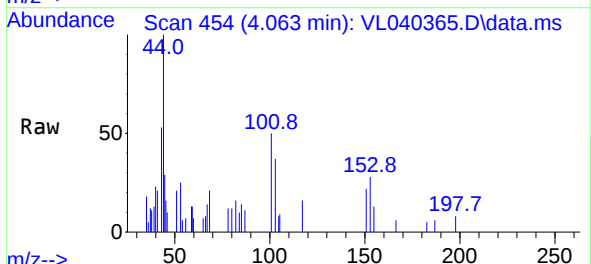
Instrument :
 MSVOA_L
 ClientSampleId :
 SV-19-20230412DL

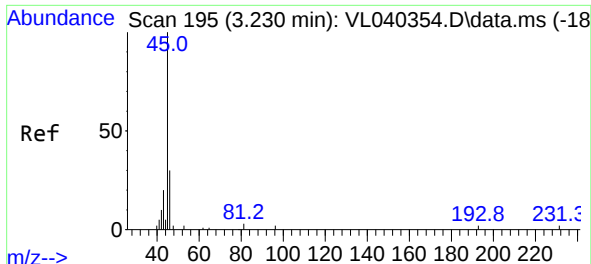
Tgt Ion:101 Resp: 11637
 Ion Ratio Lower Upper
 101 100
 103 64.7 52.2 78.4



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.011 ppbv
 RT: 4.063 min Scan# 454
 Delta R.T. 0.003 min
 Lab File: VL040365.D
 Acq: 13 Apr 2023 18:36

Tgt Ion:101 Resp: 1409
 Ion Ratio Lower Upper
 101 100
 151 109.4 54.7 82.1#





#13

Ethanol

Concen: 28.765 ppbv

RT: 3.237 min Scan# 195

Delta R.T. 0.007 min

Lab File: VL040365.D

Acq: 13 Apr 2023 18:36

Instrument :

MSVOA_L

ClientSampleId :

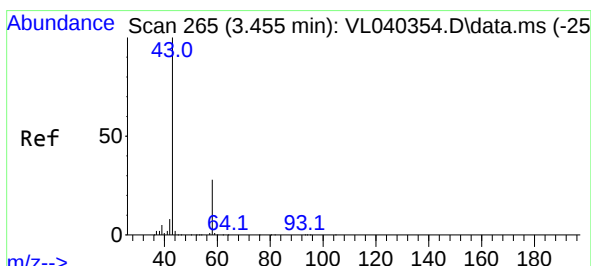
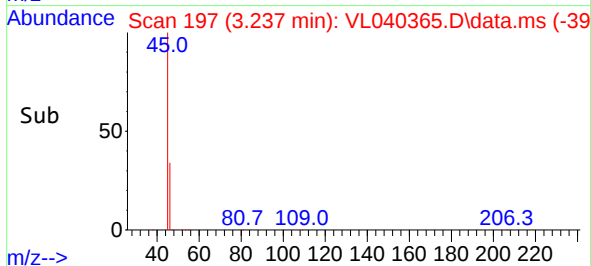
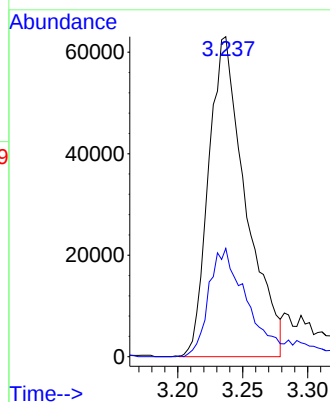
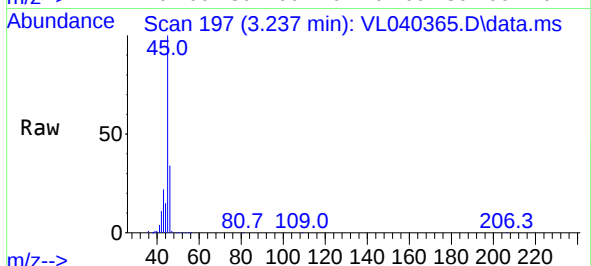
SV-19-20230412DL

Tgt Ion: 45 Resp: 125182

Ion Ratio Lower Upper

45 100

46 39.5 15.3 61.3



#15

Acetone

Concen: 11.618 ppbv

RT: 3.459 min Scan# 266

Delta R.T. 0.003 min

Lab File: VL040365.D

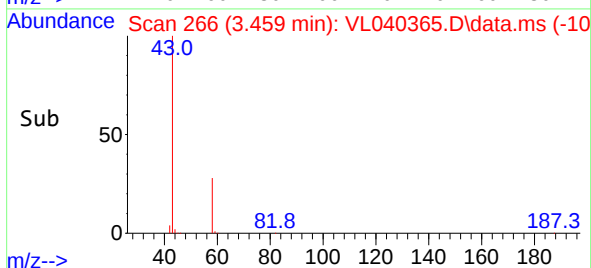
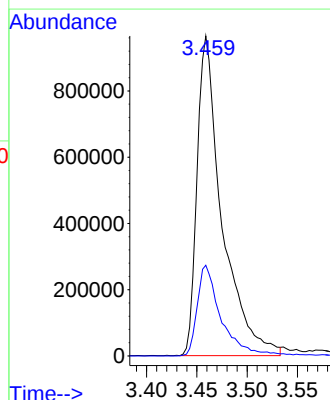
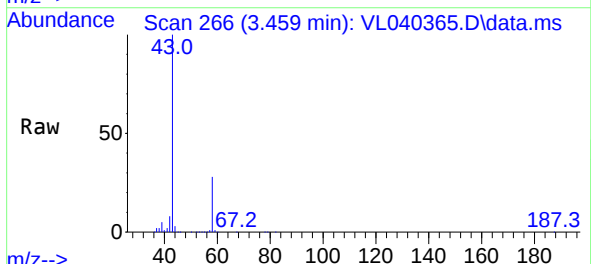
Acq: 13 Apr 2023 18:36

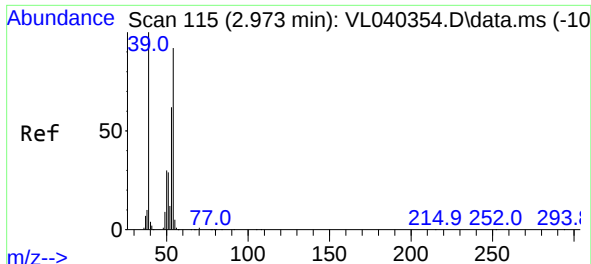
Tgt Ion: 43 Resp: 1661694

Ion Ratio Lower Upper

43 100

58 28.1 22.2 33.2





#16

1,3-Butadiene

Concen: 14.506 ppbv

RT: 2.957 min Scan# 115

Delta R.T. -0.016 min

Lab File: VL040365.D

Acq: 13 Apr 2023 18:36

Instrument :

MSVOA_L

ClientSampleId :

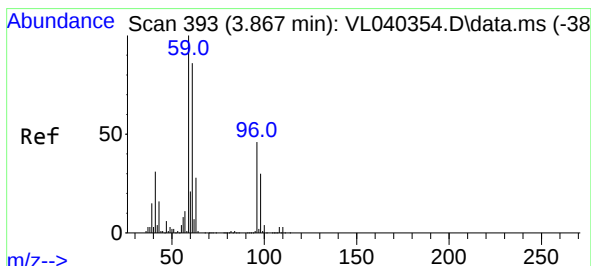
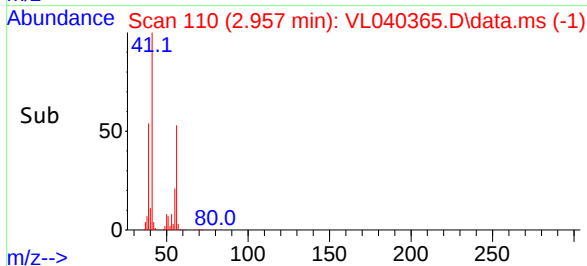
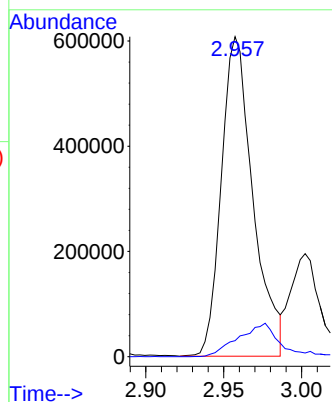
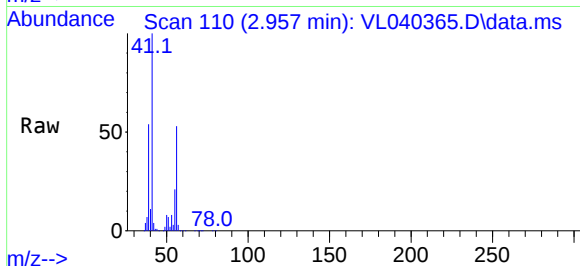
SV-19-20230412DL

Tgt Ion: 39 Resp: 858617

Ion Ratio Lower Upper

39 100

54 13.8 68.8 103.2#



#17

tert-Butyl alcohol

Concen: 1.054 ppbv

RT: 3.877 min Scan# 396

Delta R.T. 0.010 min

Lab File: VL040365.D

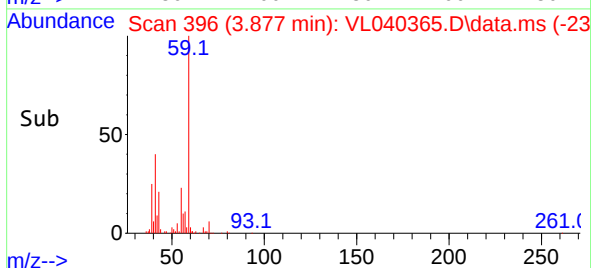
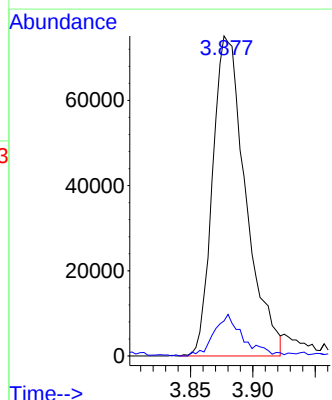
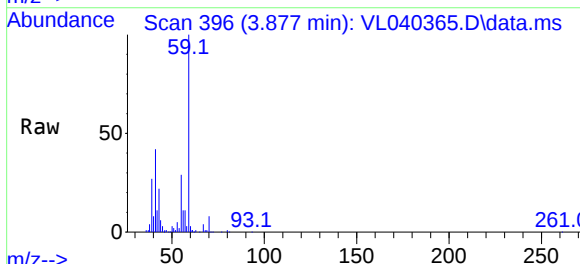
Acq: 13 Apr 2023 18:36

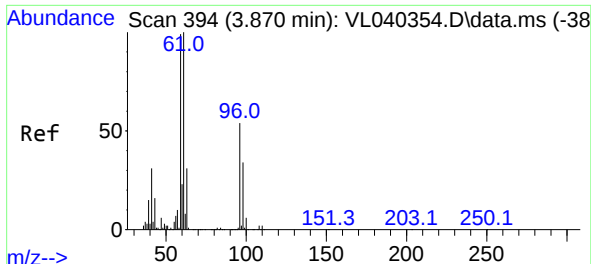
Tgt Ion: 59 Resp: 138455

Ion Ratio Lower Upper

59 100

57 12.5 8.5 12.7

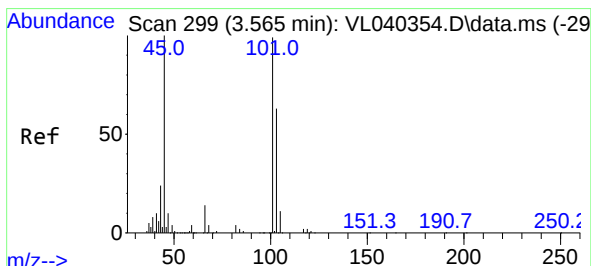
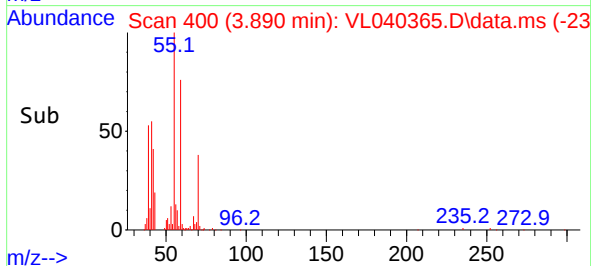
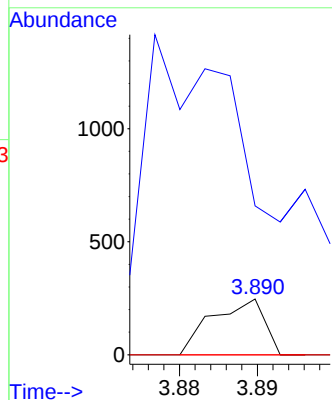
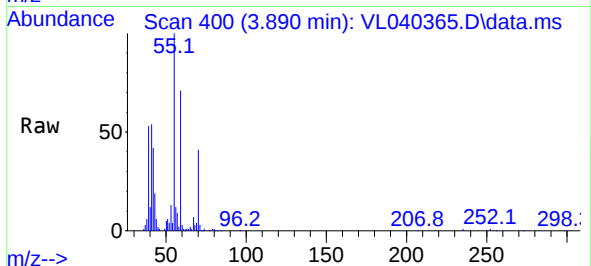




#18
1,1-Dichloroethene
Concen: 0.002 ppbv
RT: 3.890 min Scan# 40
Delta R.T. 0.019 min
Lab File: VL040365.D
Acq: 13 Apr 2023 18:36

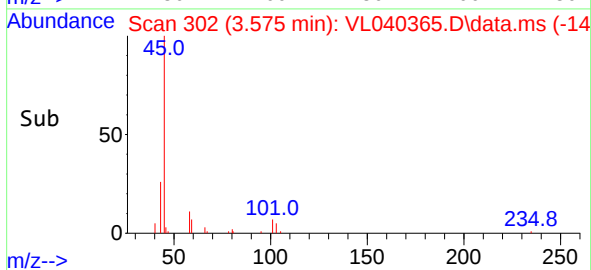
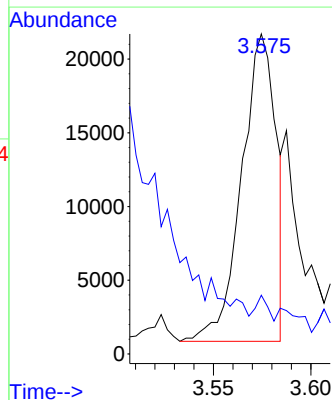
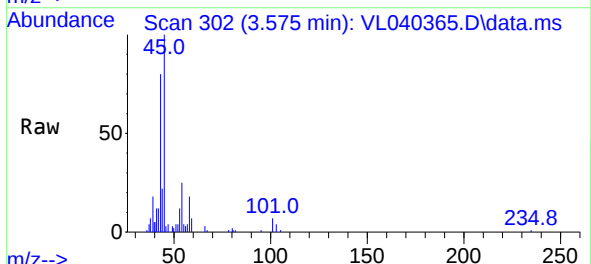
Instrument :
MSVOA_L
ClientSampleId :
SV-19-20230412DL

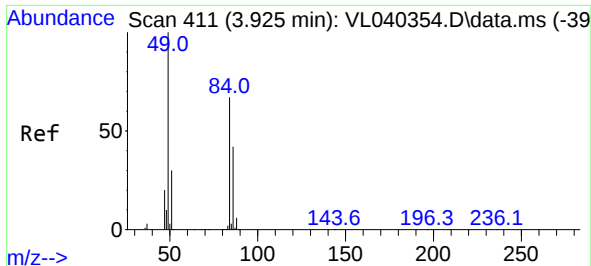
Tgt Ion: 96 Resp: 115
Ion Ratio Lower Upper
96 100
61 29.1 148.3 222.5#
98 0.0 49.8 74.8#



#19
Isopropyl Alcohol
Concen: 0.394 ppbv
RT: 3.575 min Scan# 302
Delta R.T. 0.010 min
Lab File: VL040365.D
Acq: 13 Apr 2023 18:36

Tgt Ion: 45 Resp: 25702
Ion Ratio Lower Upper
45 100
58 0.0 2.6 4.0#



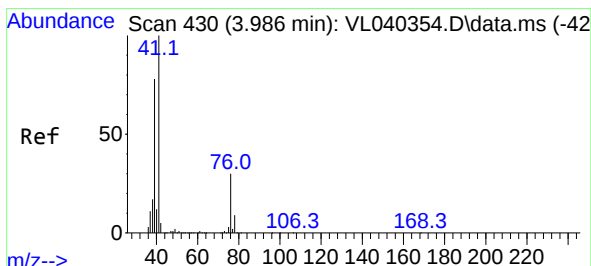
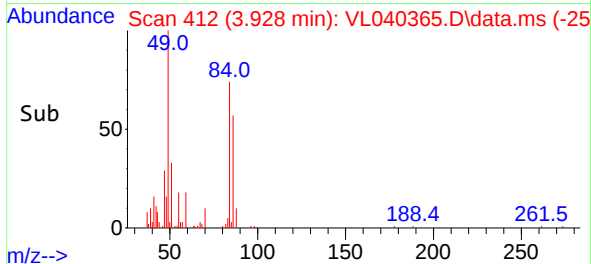
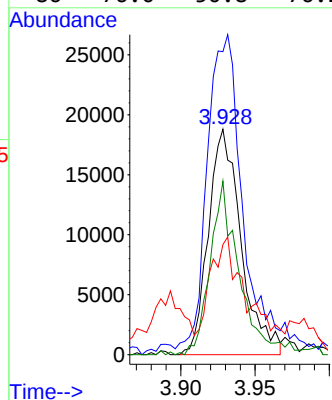
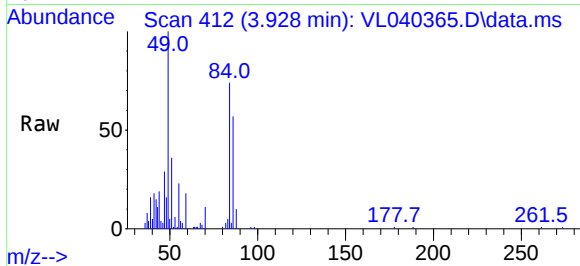


#20
Methylene Chloride
Concen: 0.504 ppbv
RT: 3.928 min Scan# 411
Delta R.T. 0.003 min
Lab File: VL040365.D
Acq: 13 Apr 2023 18:36

Instrument :
MSVOA_L
ClientSampleId :
SV-19-20230412DL

Tgt Ion: 84 Resp: 28799

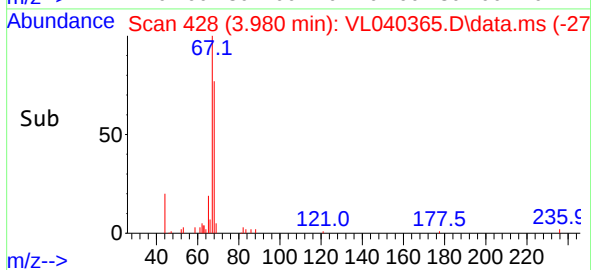
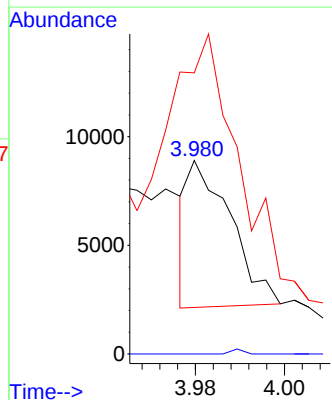
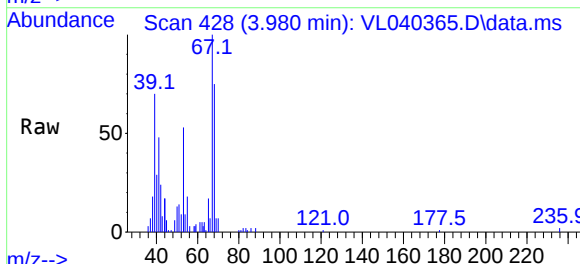
Ion	Ratio	Lower	Upper
84	100		
49	129.2	120.1	180.1
51	37.5	36.3	54.5
86	76.0	50.8	76.2

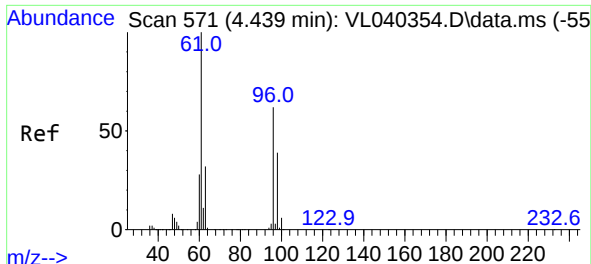


#21
Allyl Chloride
Concen: 0.055 ppbv
RT: 3.980 min Scan# 428
Delta R.T. -0.006 min
Lab File: VL040365.D
Acq: 13 Apr 2023 18:36

Tgt Ion: 41 Resp: 4435

Ion	Ratio	Lower	Upper
41	100		
76	0.0	25.5	38.3#
39	440.3	64.0	96.0#

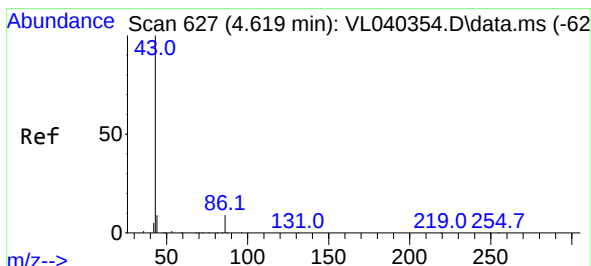
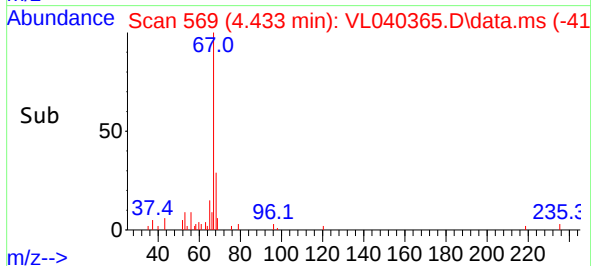
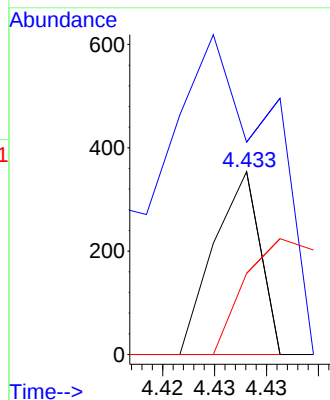
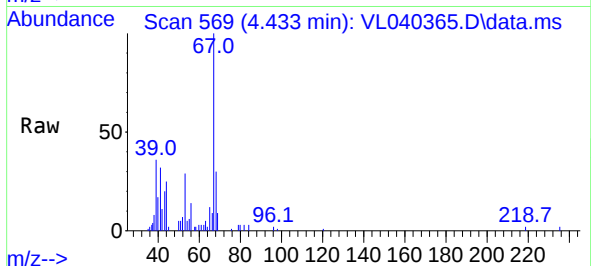




#22
trans-1,2-Dichloroethene
Concen: 0.002 ppbv
RT: 4.433 min Scan# 51
Delta R.T. -0.006 min
Lab File: VL040365.D
Acq: 13 Apr 2023 18:36

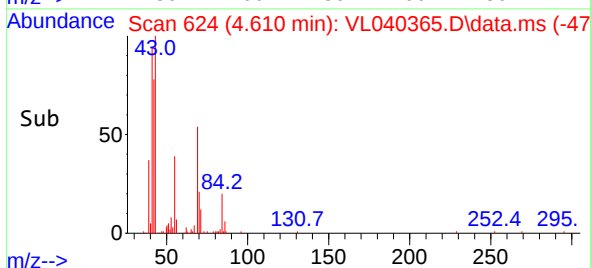
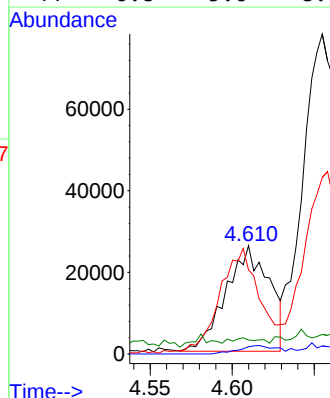
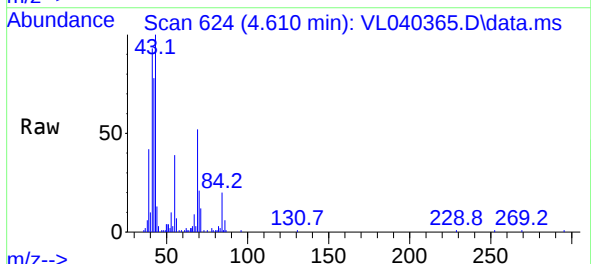
Instrument :
MSVOA_L
ClientSampleId :
SV-19-20230412DL

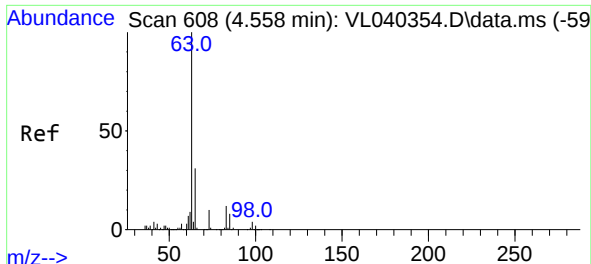
Tgt Ion: 96 Resp: 110
Ion Ratio Lower Upper
96 100
61 0.0 129.4 194.2#
98 44.4 51.0 76.4#



#23
Vinyl Acetate
Concen: 1.306 ppbv
RT: 4.610 min Scan# 624
Delta R.T. -0.010 min
Lab File: VL040365.D
Acq: 13 Apr 2023 18:36

Tgt Ion: 43 Resp: 47558
Ion Ratio Lower Upper
43 100
86 6.8 6.0 9.0
42 76.4 6.4 9.6#
44 6.8 5.6 8.4





#24

1,1-Dichloroethane

Concen: 0.003 ppbv

RT: 4.604 min Scan# 61

Delta R.T. 0.045 min

Lab File: VL040365.D

Acq: 13 Apr 2023 18:36

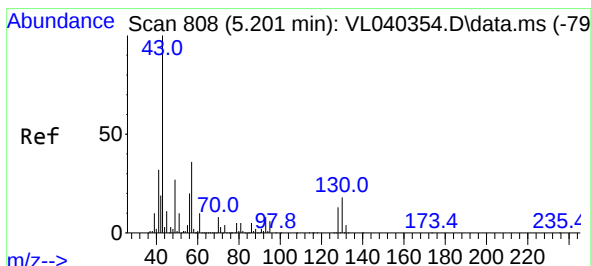
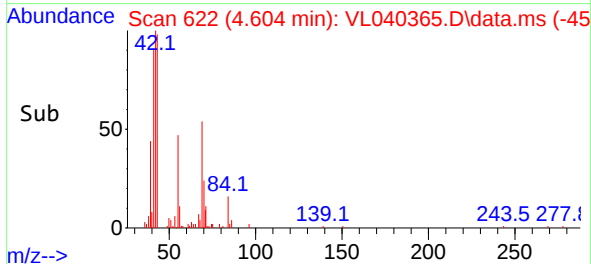
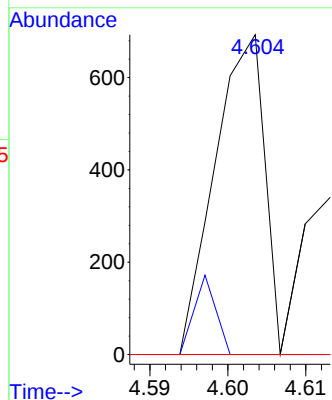
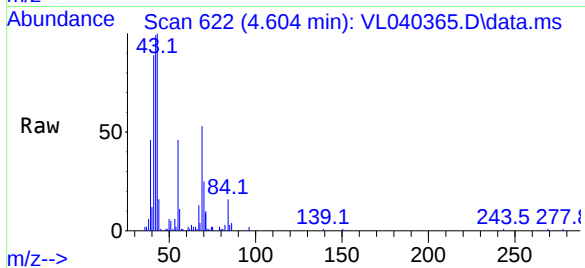
Instrument :

MSVOA_L

ClientSampleId :

SV-19-20230412DL

Tgt Ion: 63	Resp:	305
Ion Ratio	Lower	Upper
63	100	
98	0.0	2.1 6.2#
100	0.0	1.2 3.6#



#25

Ethyl Acetate

Concen: 0.705 ppbv

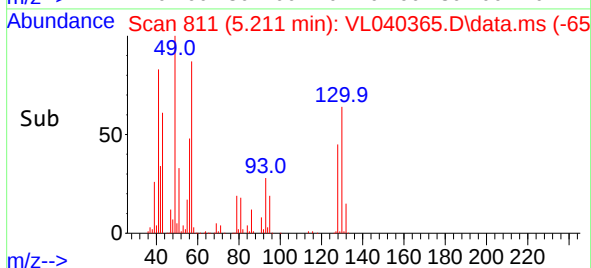
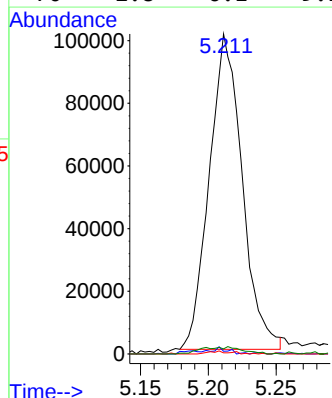
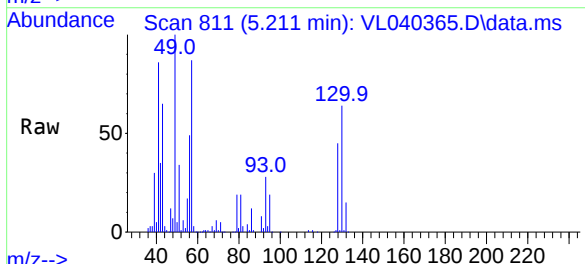
RT: 5.211 min Scan# 811

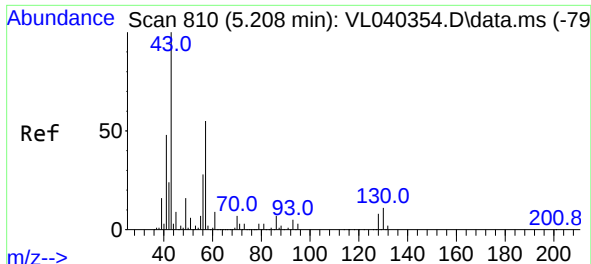
Delta R.T. 0.010 min

Lab File: VL040365.D

Acq: 13 Apr 2023 18:36

Tgt Ion: 43	Resp:	169703
Ion Ratio	Lower	Upper
43	100	
45	1.7	8.5 12.7#
61	0.7	8.5 12.7#
70	2.8	6.1 9.1#

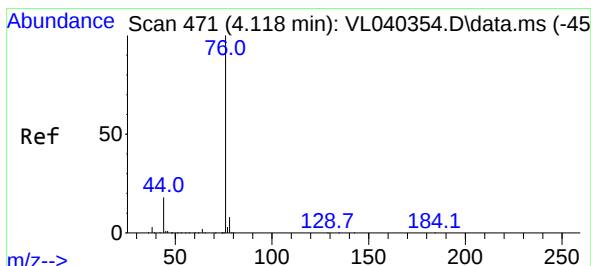
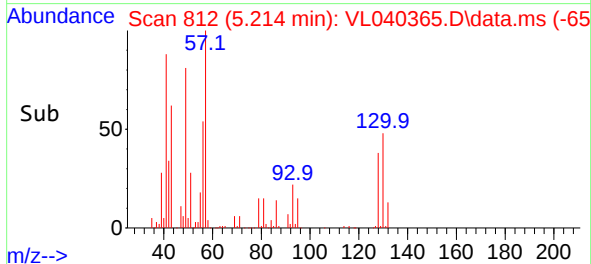
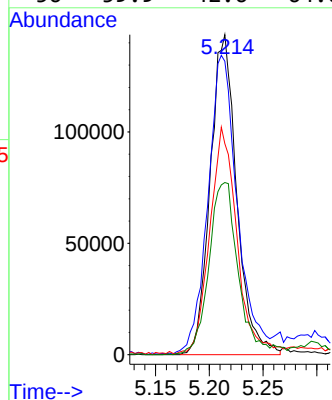
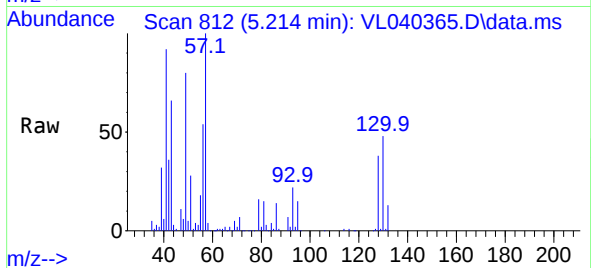




#26
Hexane
Concen: 2.424 ppbv
RT: 5.214 min Scan# 810
Delta R.T. 0.007 min
Lab File: VL040365.D
Acq: 13 Apr 2023 18:36

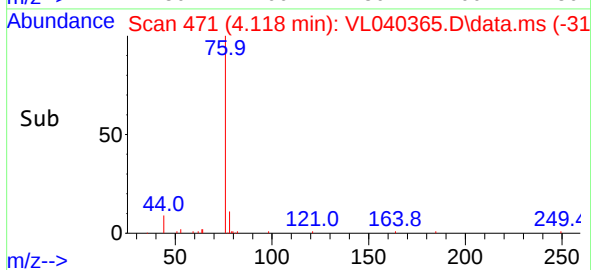
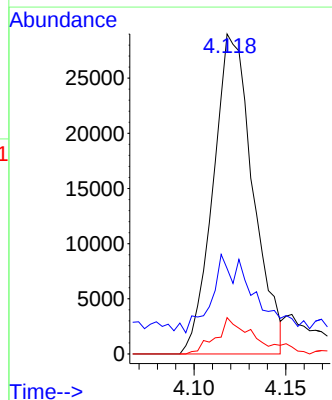
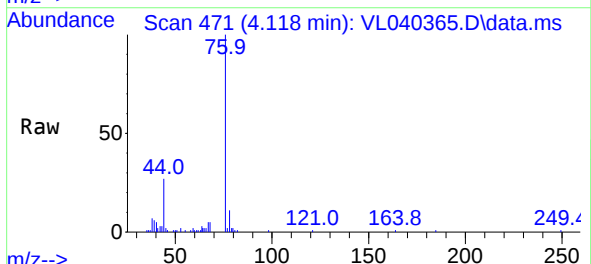
Instrument :
MSVOA_L
ClientSampleId :
SV-19-20230412DL

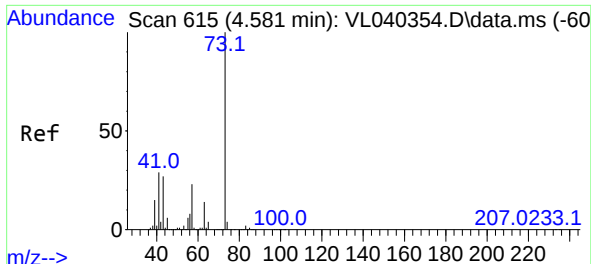
Tgt Ion: 57 Resp: 245907
Ion Ratio Lower Upper
57 100
41 106.2 74.8 112.2
43 72.0 192.7 289.1#
56 59.9 42.6 64.0



#27
Carbon Disulfide
Concen: 0.332 ppbv
RT: 4.118 min Scan# 471
Delta R.T. 0.000 min
Lab File: VL040365.D
Acq: 13 Apr 2023 18:36

Tgt Ion: 76 Resp: 43627
Ion Ratio Lower Upper
76 100
44 21.7 14.7 22.1
78 12.1 7.7 11.5#





#28

Methyl tert-Butyl Ether

Concen: 0.002 ppbv

RT: 4.578 min Scan# 615

Delta R.T. -0.003 min

Lab File: VL040365.D

Acq: 13 Apr 2023 18:36

Instrument :

MSVOA_L

ClientSampleId :

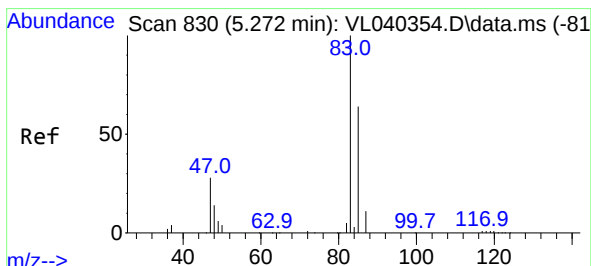
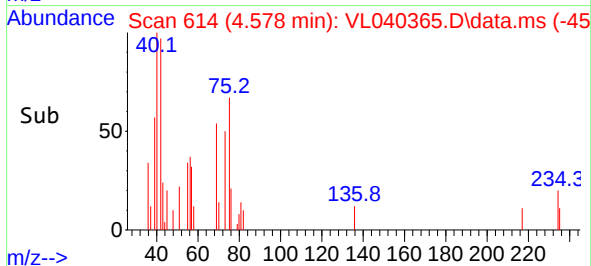
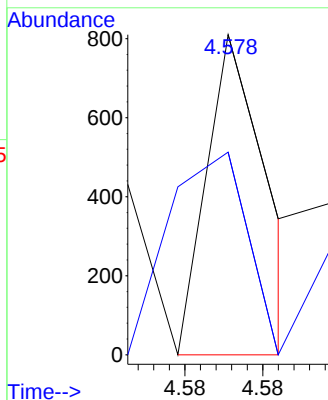
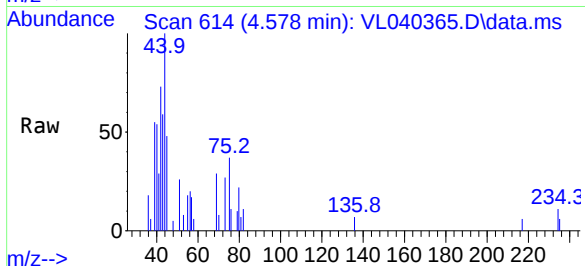
SV-19-20230412DL

Tgt Ion: 73 Resp: 223

Ion Ratio Lower Upper

73 100

57 0.0 18.6 27.8#



#29

Chloroform

Concen: 0.002 ppbv

RT: 5.337 min Scan# 850

Delta R.T. 0.064 min

Lab File: VL040365.D

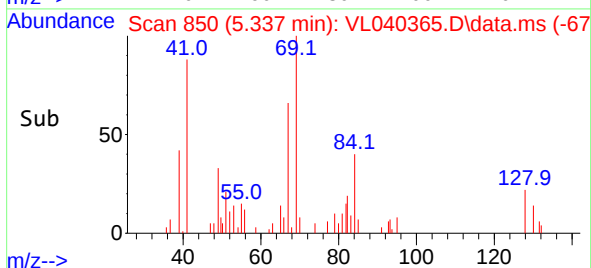
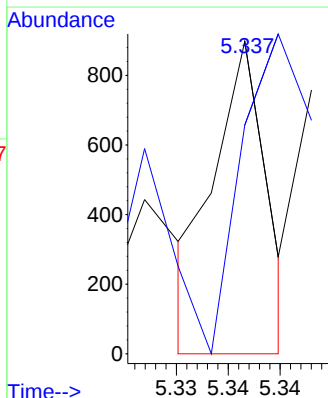
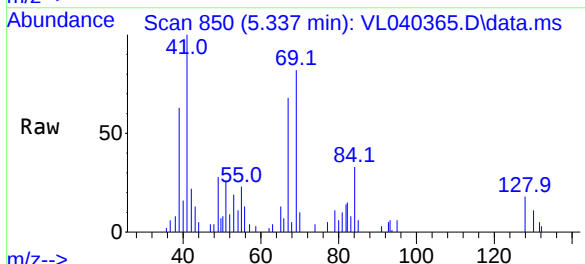
Acq: 13 Apr 2023 18:36

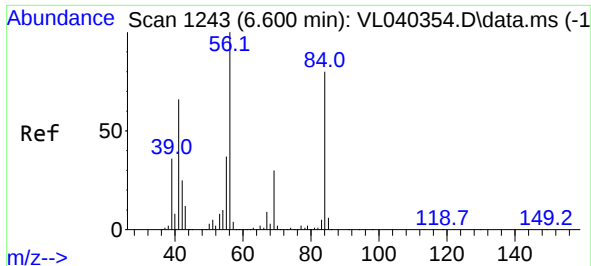
Tgt Ion: 83 Resp: 316

Ion Ratio Lower Upper

83 100

85 65.3 51.0 76.4

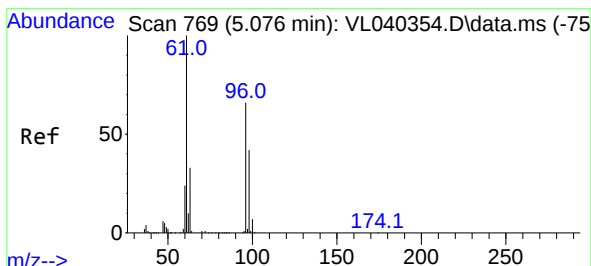
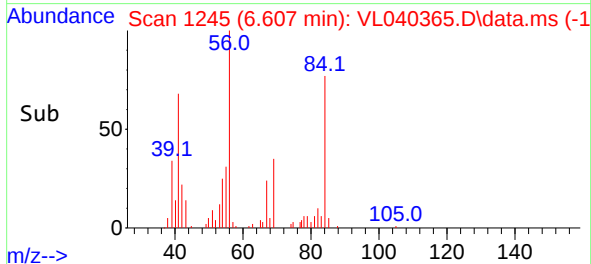
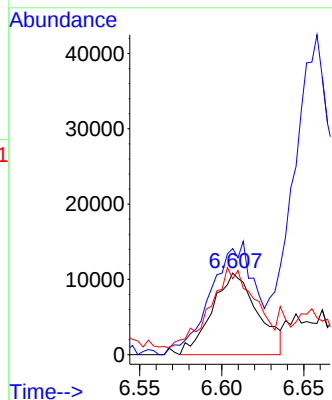
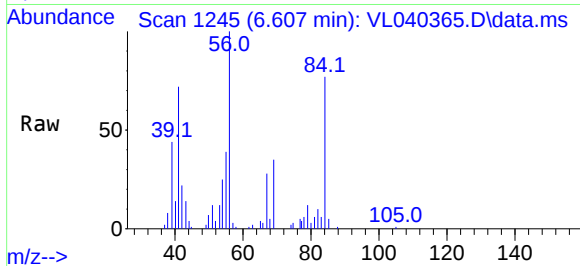




#30
Cyclohexane
Concen: 0.267 ppbv
RT: 6.607 min Scan# 11
Delta R.T. 0.007 min
Lab File: VL040365.D
Acq: 13 Apr 2023 18:36

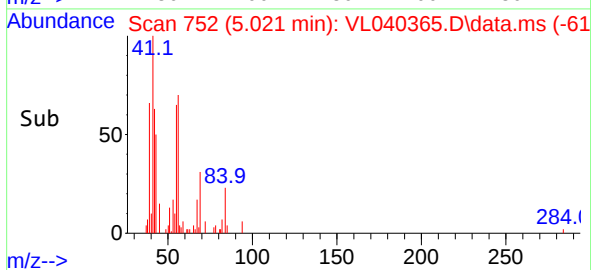
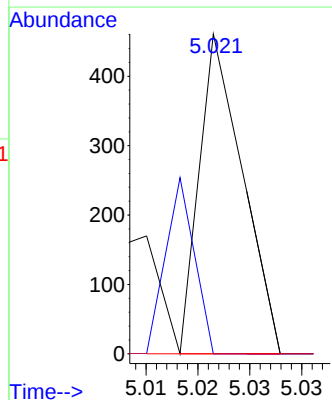
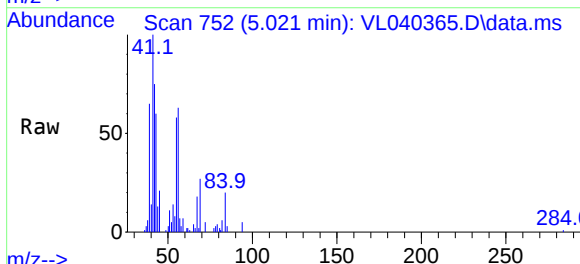
Instrument :
MSVOA_L
ClientSampleId :
SV-19-20230412DL

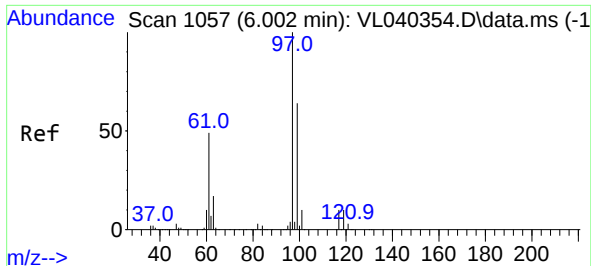
Tgt Ion: 84 Resp: 21000
Ion Ratio Lower Upper
84 100
56 133.0 107.0 160.6
41 164.4 66.7 100.1#



#31
cis-1,2-Dichloroethene
Concen: 0.001 ppbv
RT: 5.021 min Scan# 752
Delta R.T. -0.055 min
Lab File: VL040365.D
Acq: 13 Apr 2023 18:36

Tgt Ion: 61 Resp: 134
Ion Ratio Lower Upper
61 100
96 0.0 53.0 79.4#
98 0.0 33.8 50.8#





#32

1,1,1-Trichloroethane

Concen: 0.001 ppbv

RT: 6.015 min Scan# 1061

Delta R.T. 0.013 min

Lab File: VL040365.D

Acq: 13 Apr 2023 18:36

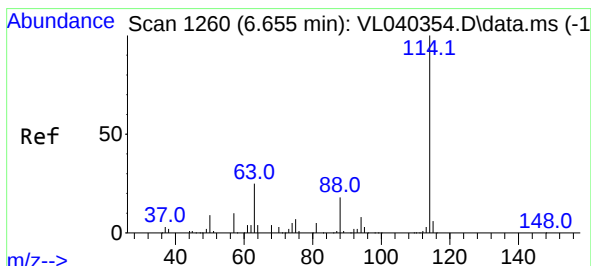
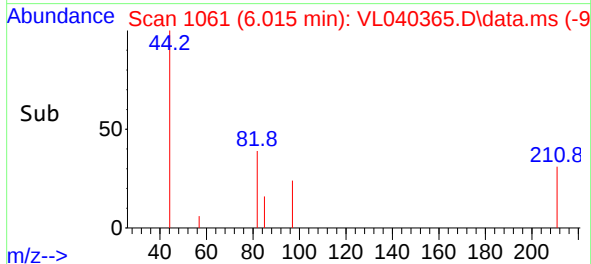
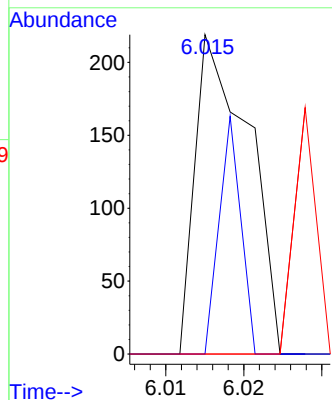
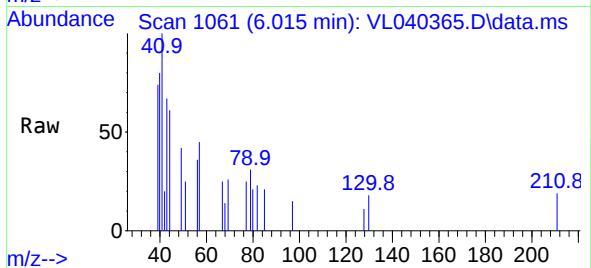
Instrument :

MSVOA_L

ClientSampleId :

SV-19-20230412DL

Tgt Ion: 97	Resp: 104
Ion Ratio	Lower Upper
97	100
99	0.0 51.8 77.8#
61	0.0 40.4 60.6#



#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

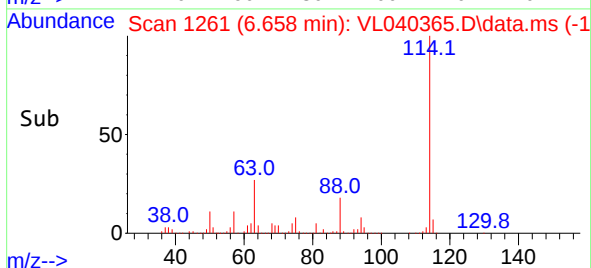
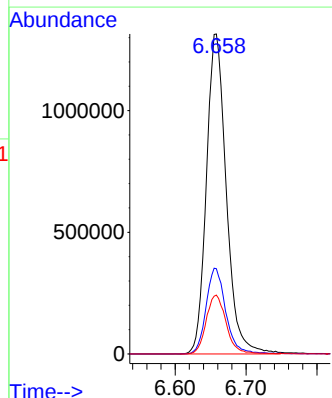
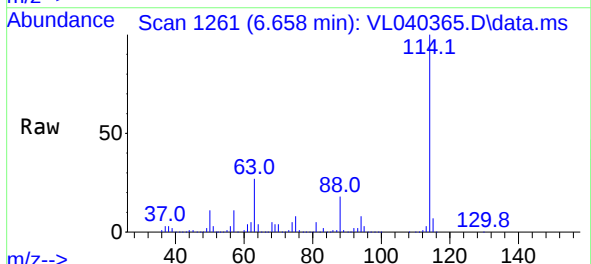
RT: 6.658 min Scan# 1261

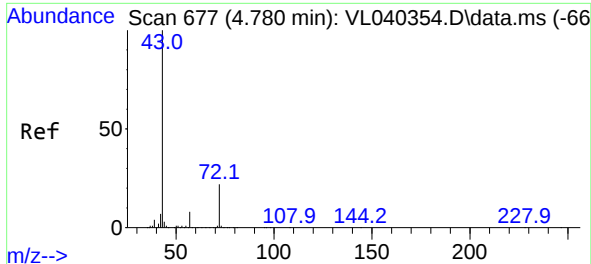
Delta R.T. 0.003 min

Lab File: VL040365.D

Acq: 13 Apr 2023 18:36

Tgt Ion: 114	Resp: 2562334
Ion Ratio	Lower Upper
114	100
63	26.7 21.4 32.0
88	18.7 14.6 22.0





#34

2-Butanone

Concen: 2.311 ppbv

RT: 4.787 min Scan# 61

Delta R.T. 0.007 min

Lab File: VL040365.D

Acq: 13 Apr 2023 18:36

Instrument :

MSVOA_L

ClientSampleId :

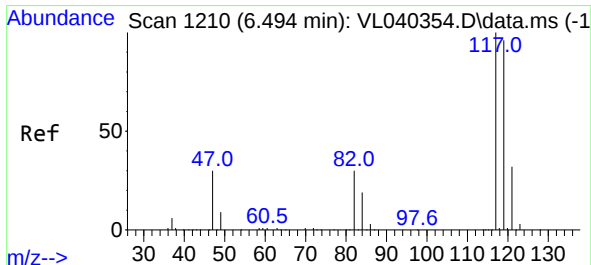
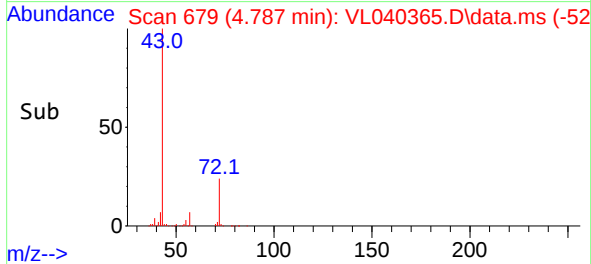
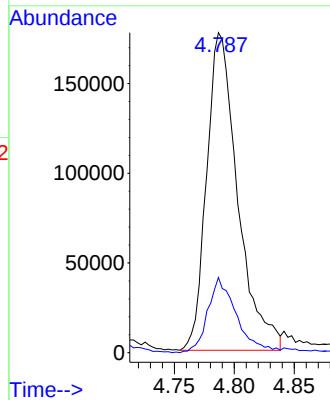
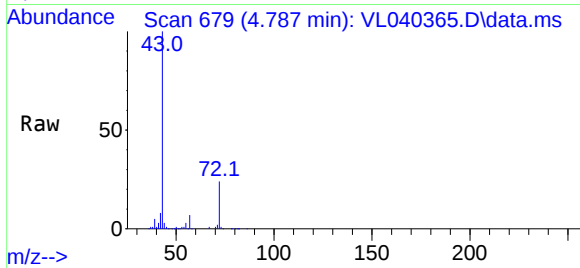
SV-19-20230412DL

Tgt Ion: 43 Resp: 319337

Ion Ratio Lower Upper

43 100

72 23.5 18.4 27.6



#35

Carbon Tetrachloride

Concen: 0.006 ppbv

RT: 6.497 min Scan# 1211

Delta R.T. 0.003 min

Lab File: VL040365.D

Acq: 13 Apr 2023 18:36

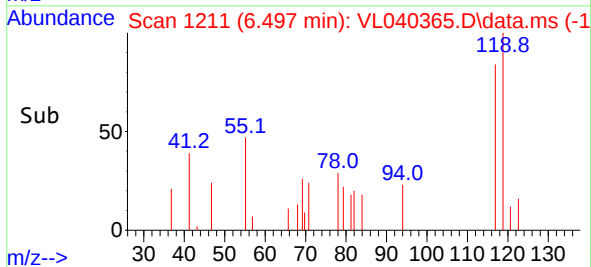
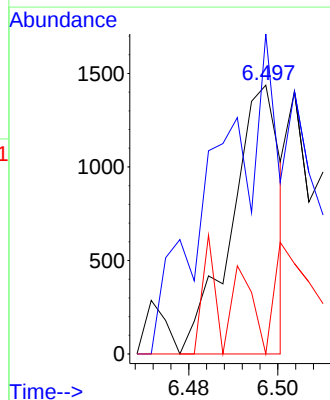
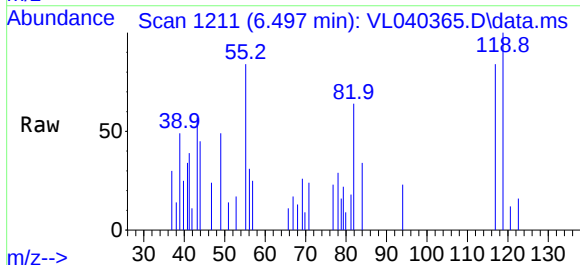
Tgt Ion: 117 Resp: 1086

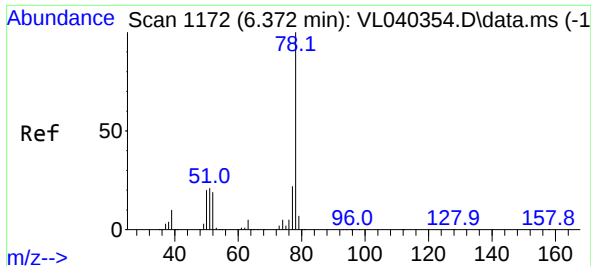
Ion Ratio Lower Upper

117 100

119 76.5 76.6 114.8#

121 0.0 25.3 37.9#

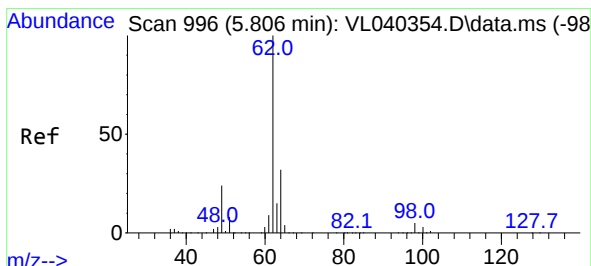
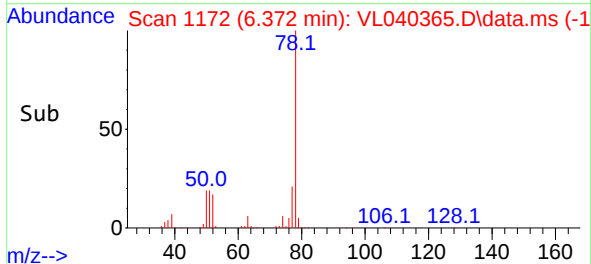
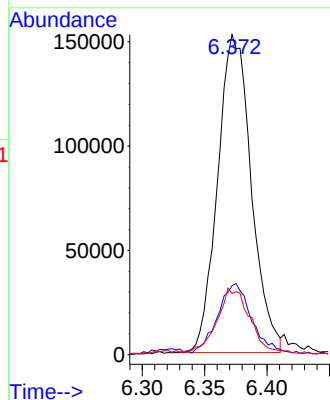
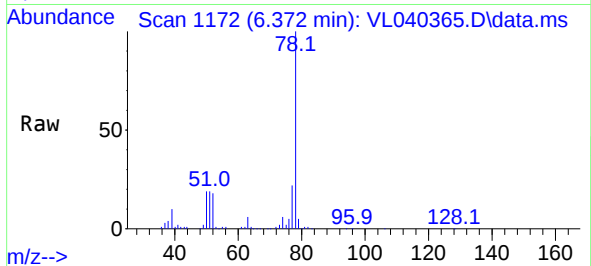




#36
Benzene
Concen: 1.370 ppbv
RT: 6.372 min Scan# 1172
Delta R.T. 0.000 min
Lab File: VL040365.D
Acq: 13 Apr 2023 18:36

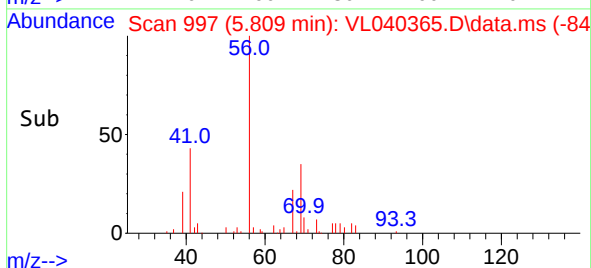
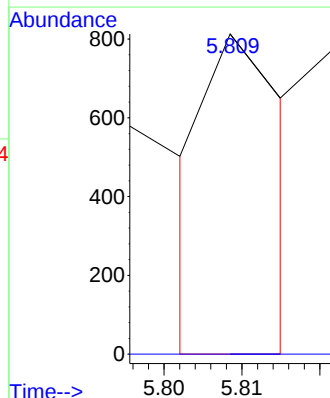
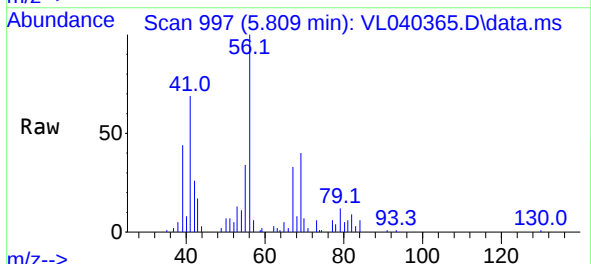
Instrument :
MSVOA_1
ClientSampleId :
SV-19-20230412DL

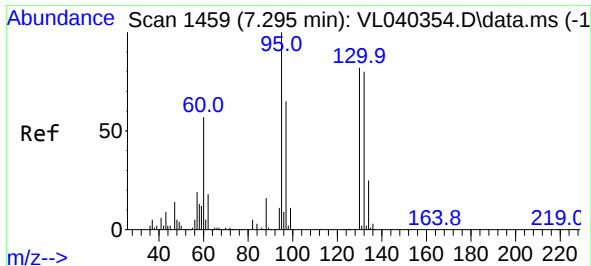
Tgt Ion: 78 Resp: 286499
Ion Ratio Lower Upper
78 100
77 20.0 17.8 26.8
50 18.3 15.6 23.4



#37
1,2-Dichloroethane
Concen: 0.002 ppbv
RT: 5.809 min Scan# 997
Delta R.T. 0.003 min
Lab File: VL040365.D
Acq: 13 Apr 2023 18:36

Tgt Ion: 62 Resp: 282
Ion Ratio Lower Upper
62 100
98 0.0 4.4 6.6#





#38

Trichloroethene

Concen: 0.001 ppbv

RT: 7.295 min Scan# 1459

Delta R.T. 0.000 min

Lab File: VL040365.D

Acq: 13 Apr 2023 18:36

Instrument :

MSVOA_L

ClientSampleId :

SV-19-20230412DL

Tgt Ion:130 Resp: 147

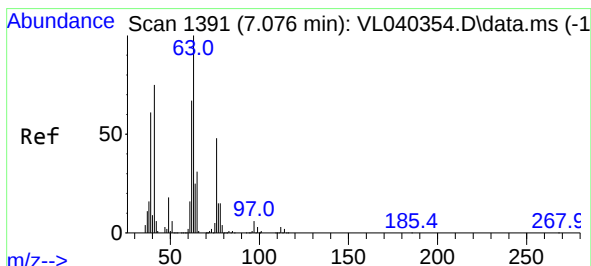
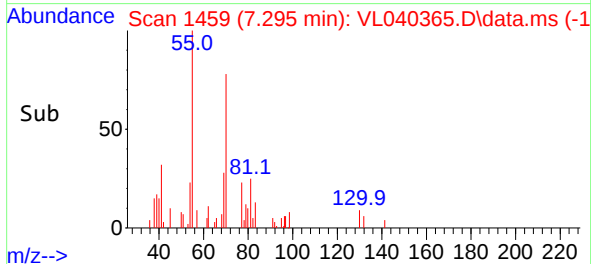
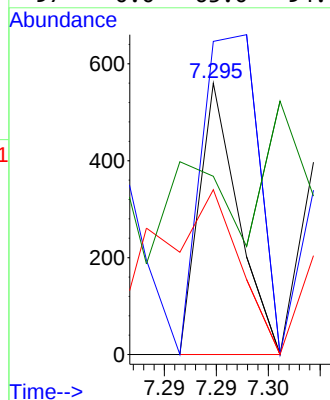
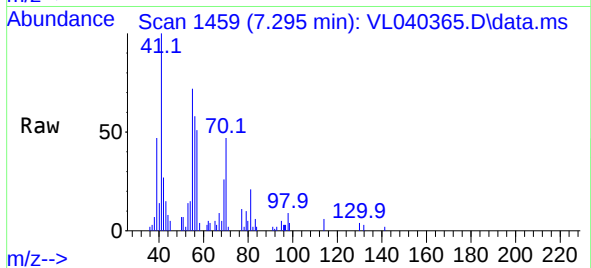
Ion Ratio Lower Upper

130 100

95 115.4 97.4 146.0

132 60.7 77.5 116.3#

97 0.0 63.0 94.4#



#39

1,2-Dichloropropane

Concen: 8.121 ppbv

RT: 6.655 min Scan# 1260

Delta R.T. -0.421 min

Lab File: VL040365.D

Acq: 13 Apr 2023 18:36

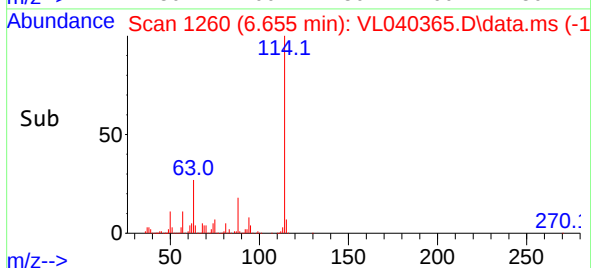
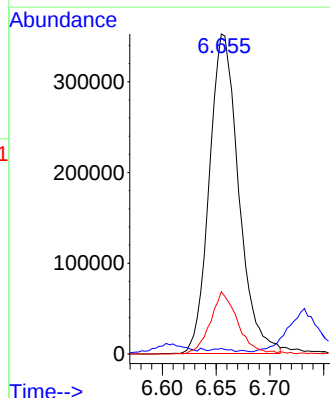
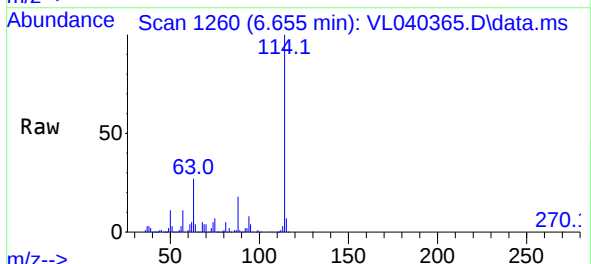
Tgt Ion: 63 Resp: 667985

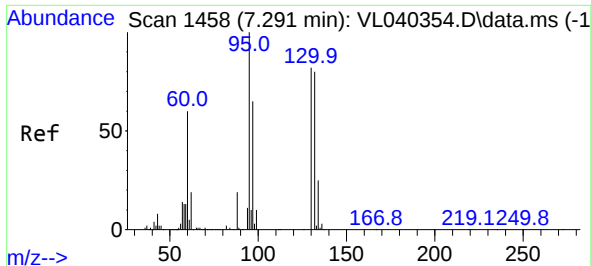
Ion Ratio Lower Upper

63 100

41 0.0 59.6 89.4#

62 19.4 53.9 80.9#

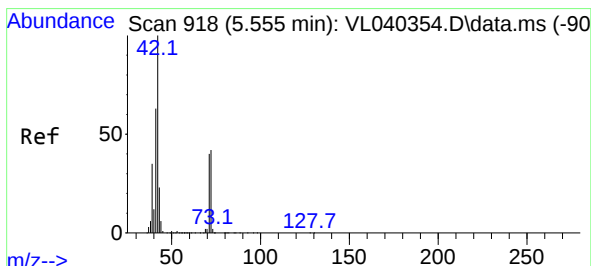
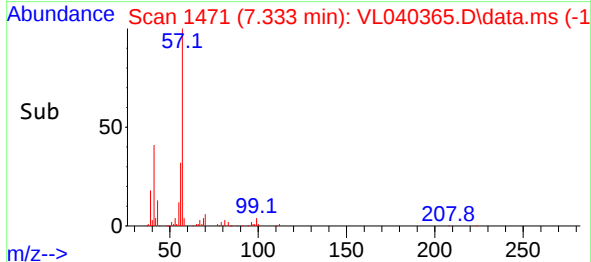
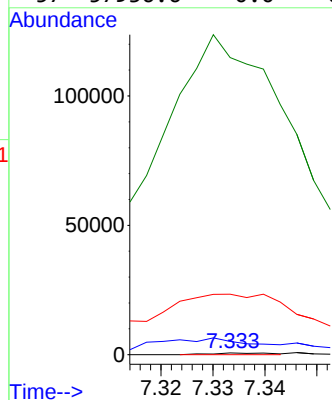
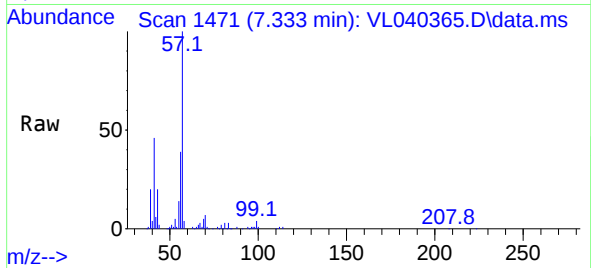




#40
1,4-Dioxane
Concen: 0.016 ppbv
RT: 7.333 min Scan# 1458
Delta R.T. 0.042 min
Lab File: VL040365.D
Acq: 13 Apr 2023 18:36

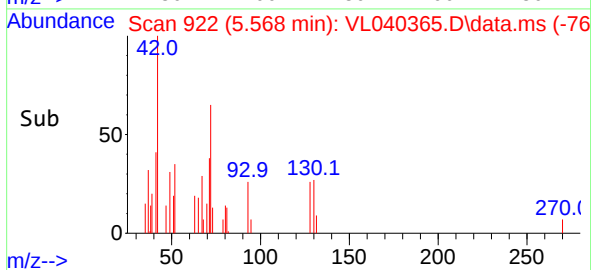
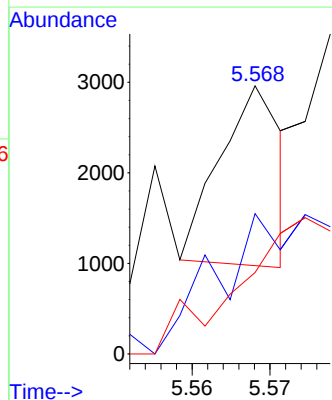
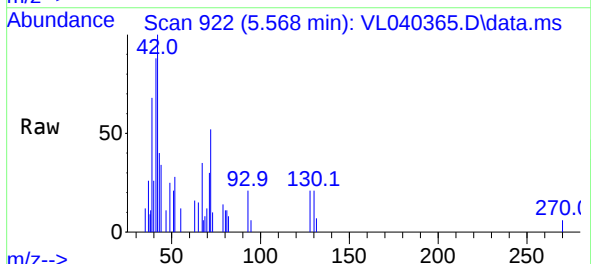
Instrument :
MSVOA_L
ClientSampleId :
SV-19-20230412DL

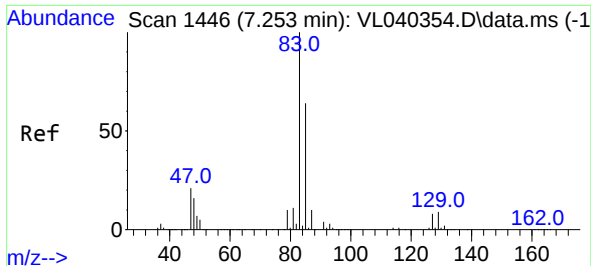
Tgt Ion: 88 Resp: 505
Ion Ratio Lower Upper
88 100
58 2850.9 100.8 151.2#
43 11572.1 0.0 0.0#
57 57936.6 0.0 0.0#



#41
Tetrahydrofuran
Concen: 0.014 ppbv
RT: 5.568 min Scan# 922
Delta R.T. 0.013 min
Lab File: VL040365.D
Acq: 13 Apr 2023 18:36

Tgt Ion: 42 Resp: 1096
Ion Ratio Lower Upper
42 100
72 289.8 33.7 50.5#
71 225.7 32.2 48.2#

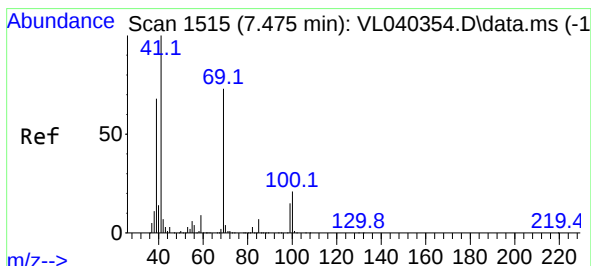
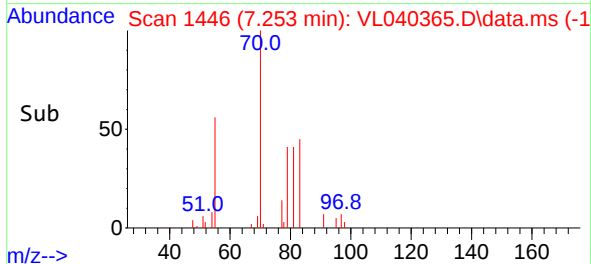
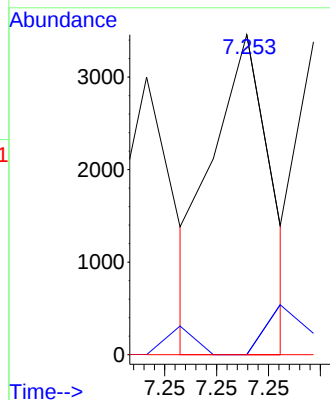
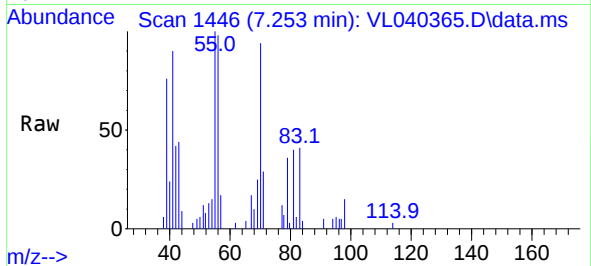




#42
Bromodichloromethane
Concen: 0.007 ppbv
RT: 7.253 min Scan# 1446
Delta R.T. 0.000 min
Lab File: VL040365.D
Acq: 13 Apr 2023 18:36

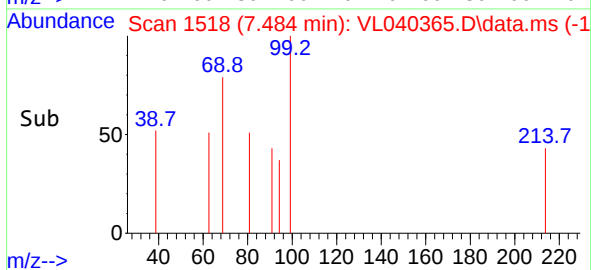
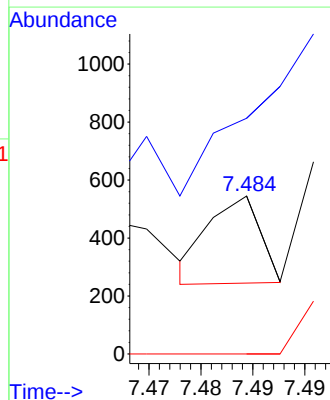
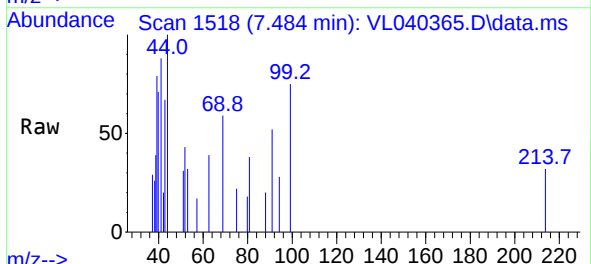
Instrument :
MSVOA_L
ClientSampleId :
SV-19-20230412DL

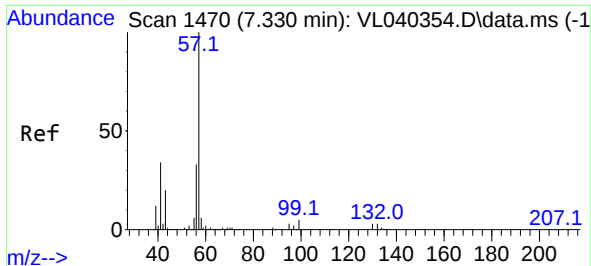
Tgt Ion: 83 Resp: 1345
Ion Ratio Lower Upper
83 100
85 0.0 50.9 76.3#
127 0.0 6.4 9.6#



#43
Methyl Methacrylate
Concen: 0.001 ppbv
RT: 7.484 min Scan# 1518
Delta R.T. 0.010 min
Lab File: VL040365.D
Acq: 13 Apr 2023 18:36

Tgt Ion: 69 Resp: 103
Ion Ratio Lower Upper
69 100
41 0.0 114.3 171.5#
100 0.0 24.5 36.7#

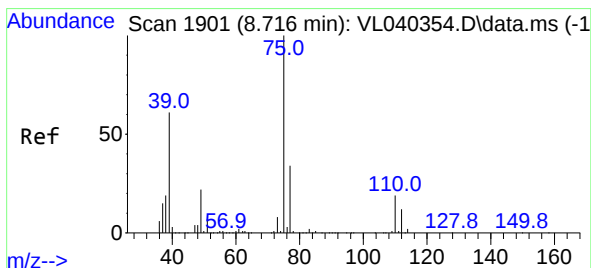
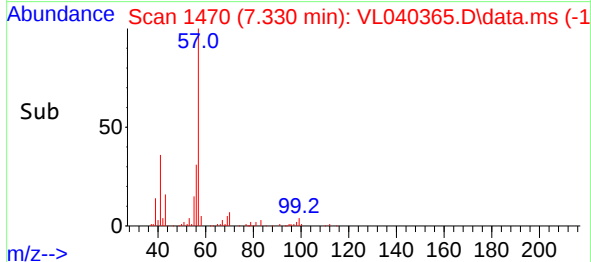
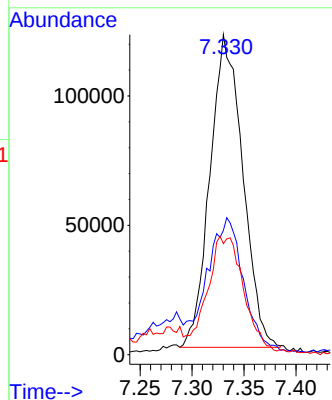
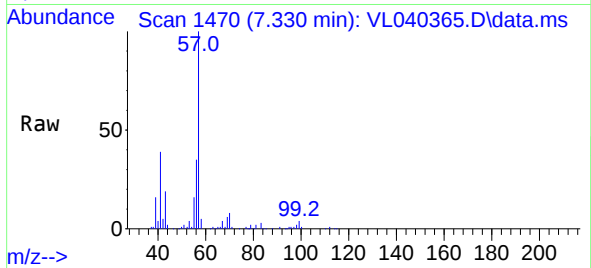




#44
2,2,4-Trimethylpentane
Concen: 0.759 ppbv
RT: 7.330 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VL040365.D
Acq: 13 Apr 2023 18:36

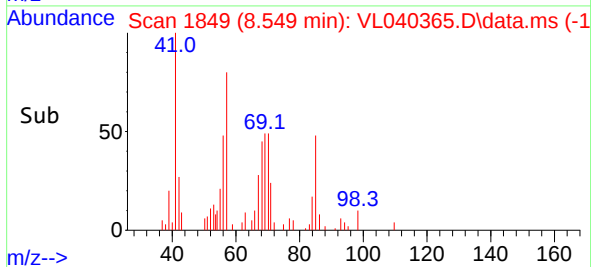
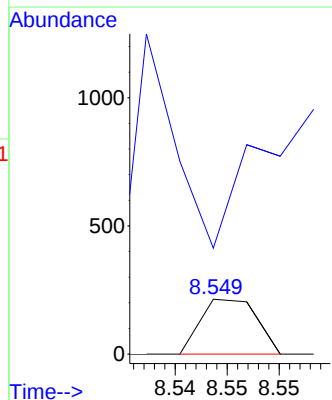
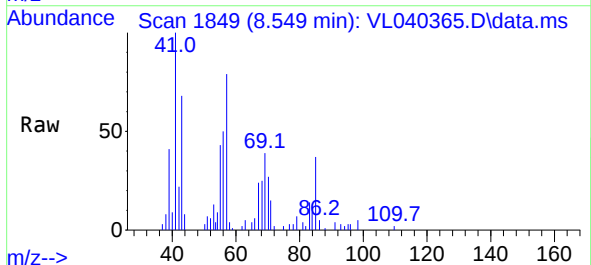
Instrument :
MSVOA_L
ClientSampleId :
SV-19-20230412DL

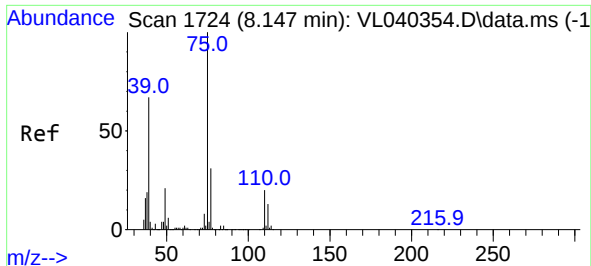
Tgt Ion: 57 Resp: 265157
Ion Ratio Lower Upper
57 100
41 64.3 26.9 40.3#
56 55.1 25.1 37.7#



#45
t-1,3-Dichloropropene
Concen: 0.001 ppbv
RT: 8.549 min Scan# 1849
Delta R.T. -0.167 min
Lab File: VL040365.D
Acq: 13 Apr 2023 18:36

Tgt Ion: 75 Resp: 81
Ion Ratio Lower Upper
75 100
77 193.0 26.8 40.2#



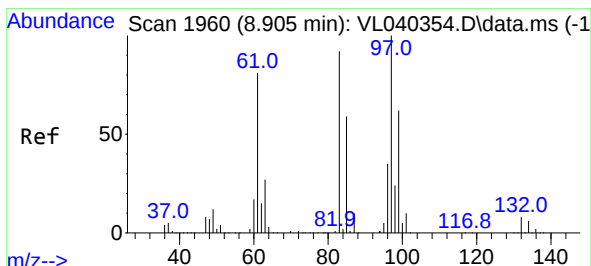
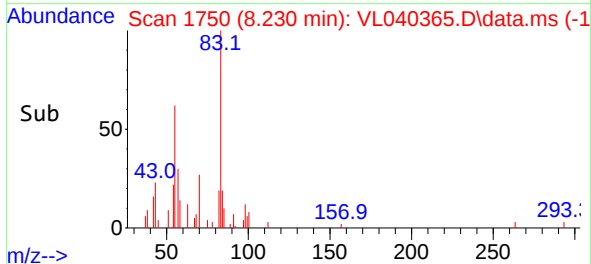
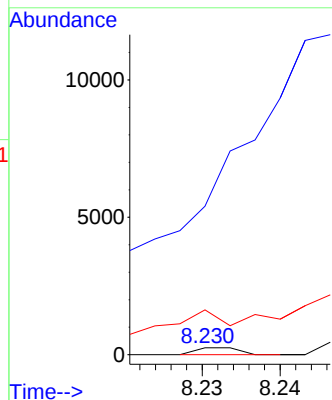
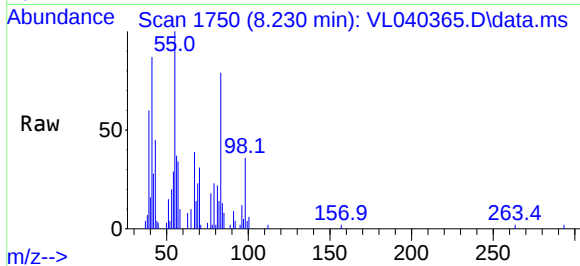


#46
cis-1,3-Dichloropropene
Concen: 0.001 ppbv
RT: 8.230 min Scan# 11
Delta R.T. 0.084 min
Lab File: VL040365.D
Acq: 13 Apr 2023 18:36

Instrument :
MSVOA_L
ClientSampleId :
SV-19-20230412DL

Tgt Ion: 75 Resp: 97

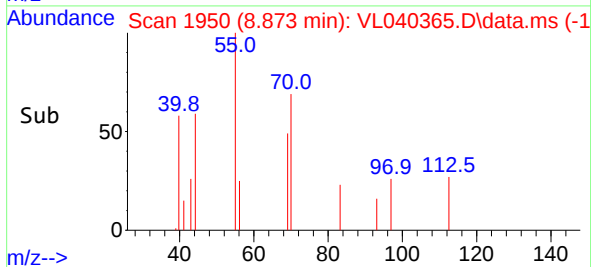
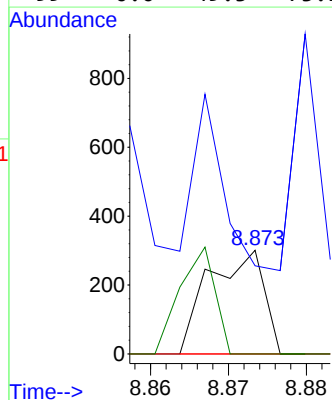
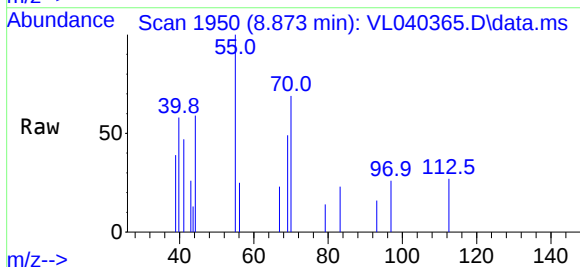
Ion	Ratio	Lower	Upper
75	100		
39	354.8	53.4	80.2#
77	203.2	24.7	37.1#

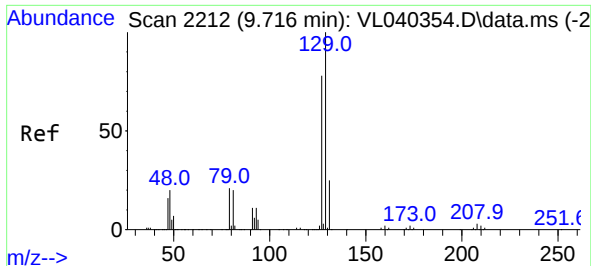


#47
1,1,2-Trichloroethane
Concen: 0.002 ppbv
RT: 8.873 min Scan# 1950
Delta R.T. -0.032 min
Lab File: VL040365.D
Acq: 13 Apr 2023 18:36

Tgt Ion: 97 Resp: 148

Ion	Ratio	Lower	Upper
97	100		
83	4.7	73.3	109.9#
85	0.0	46.9	70.3#
99	0.0	49.3	73.9#

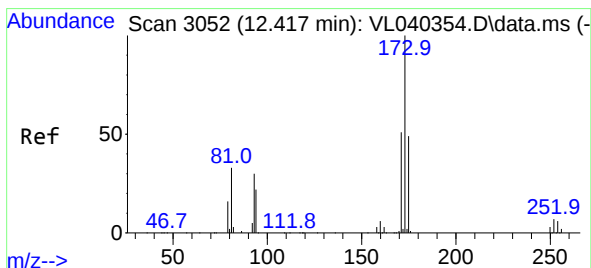
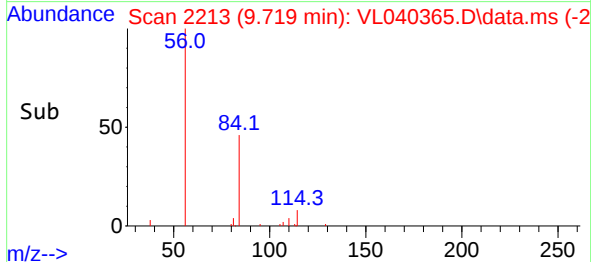
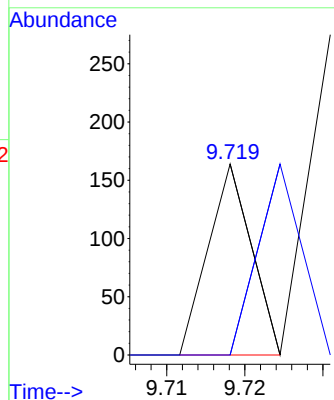
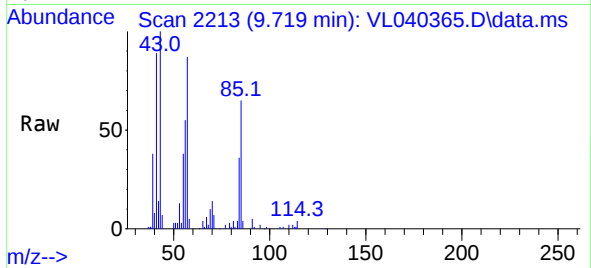




#48
Dibromochloromethane
Concen: 0.000 ppbv
RT: 9.719 min Scan# 21
Delta R.T. 0.003 min
Lab File: VL040365.D
Acq: 13 Apr 2023 18:36

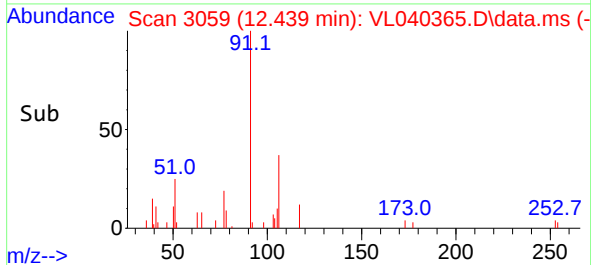
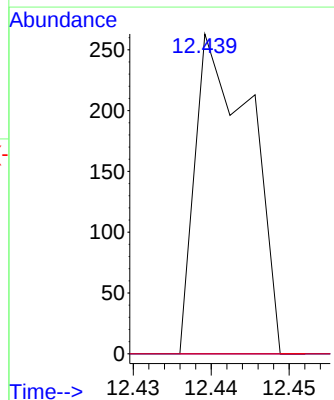
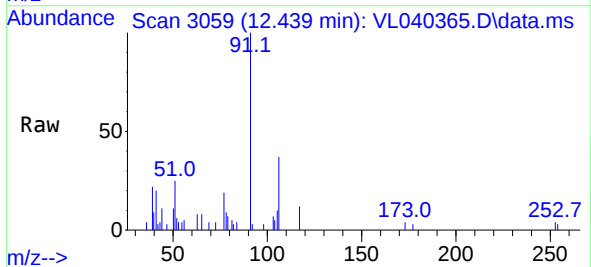
Instrument :
MSVOA_L
ClientSampleId :
SV-19-20230412DL

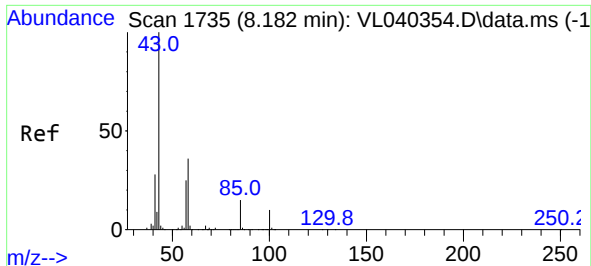
Tgt Ion:129 Resp: 32
Ion Ratio Lower Upper
129 100
127 100.0 39.2 117.6



#49
Bromoform
Concen: 0.001 ppbv
RT: 12.439 min Scan# 3059
Delta R.T. 0.023 min
Lab File: VL040365.D
Acq: 13 Apr 2023 18:36

Tgt Ion:173 Resp: 130
Ion Ratio Lower Upper
173 100
175 0.0 39.8 59.8#
171 0.0 42.2 63.2#





#50

4-Methyl-2-Pentanone

Concen: 0.019 ppbv

RT: 8.192 min Scan# 11

Delta R.T. 0.010 min

Lab File: VL040365.D

Acq: 13 Apr 2023 18:36

Instrument :

MSVOA_L

ClientSampleId :

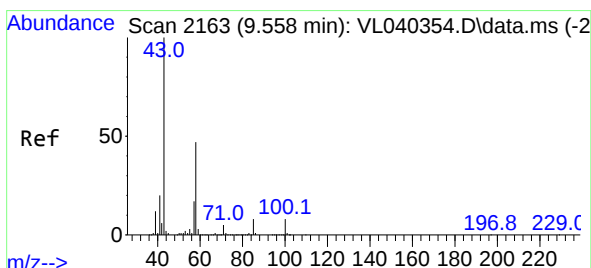
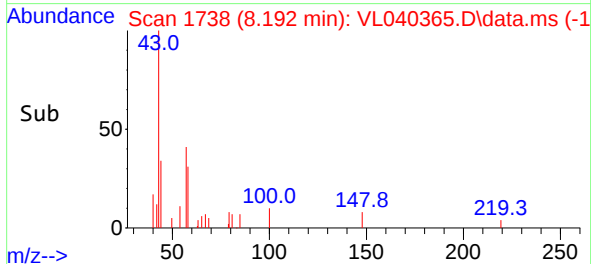
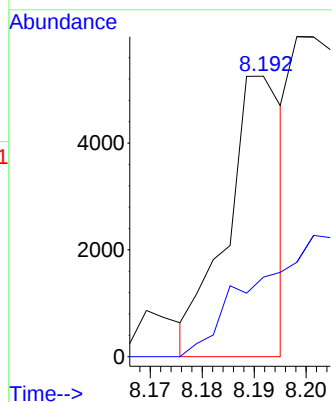
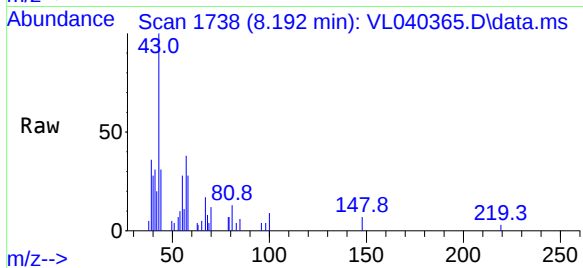
SV-19-20230412DL

Tgt Ion: 43 Resp: 3911

Ion Ratio Lower Upper

43 100

58 0.0 28.6 43.0#



#51

2-Hexanone

Concen: 0.082 ppbv

RT: 9.494 min Scan# 2143

Delta R.T. -0.064 min

Lab File: VL040365.D

Acq: 13 Apr 2023 18:36

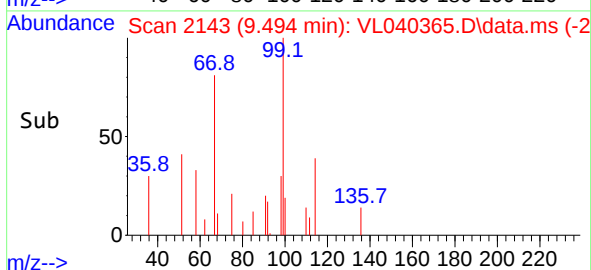
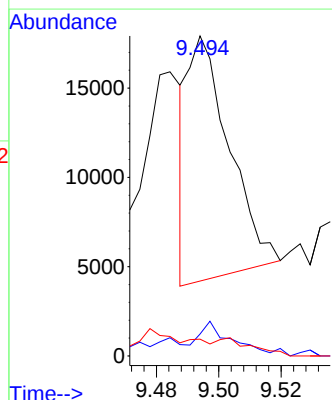
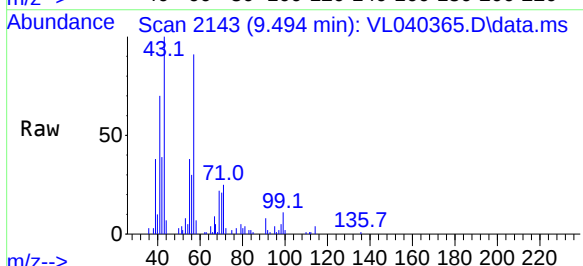
Tgt Ion: 43 Resp: 12645

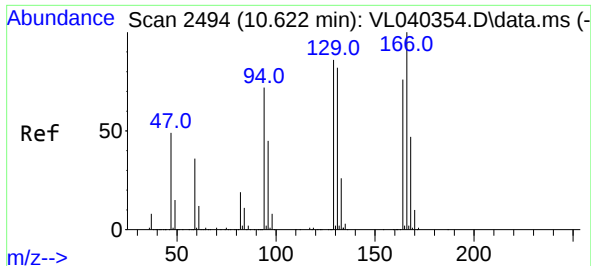
Ion Ratio Lower Upper

43 100

58 25.1 38.3 57.5#

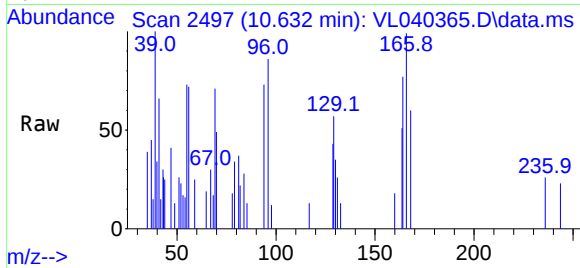
98 0.0 0.4 0.6#



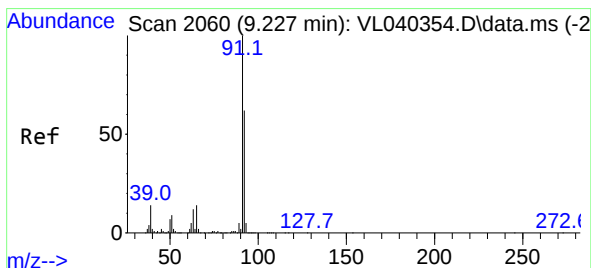
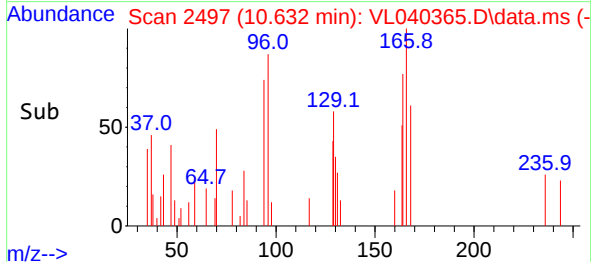
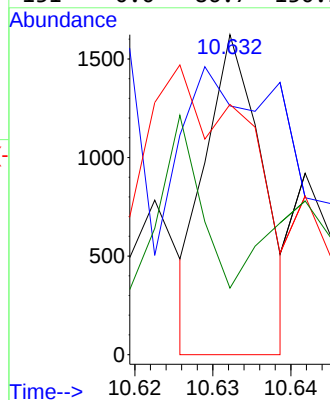


#52
Tetrachloroethene
Concen: 0.013 ppbv
RT: 10.632 min Scan# 2497
Delta R.T. 0.010 min
Lab File: VL040365.D
Acq: 13 Apr 2023 18:36

Instrument :
MSVOA_1
ClientSampleId :
SV-19-20230412DL

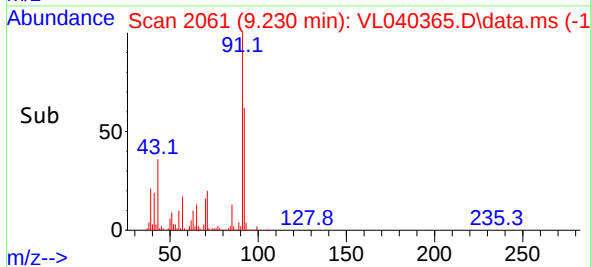
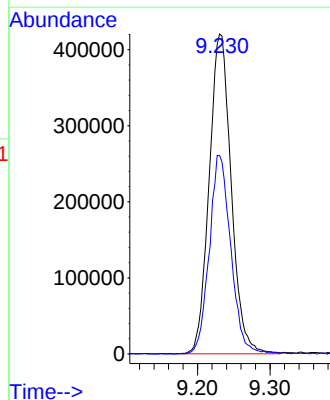
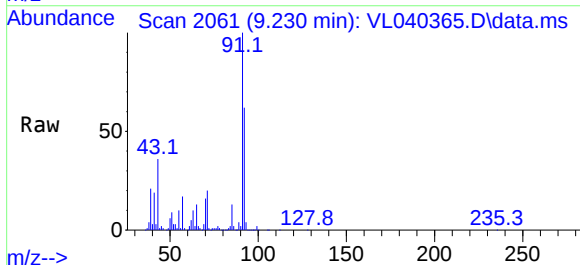


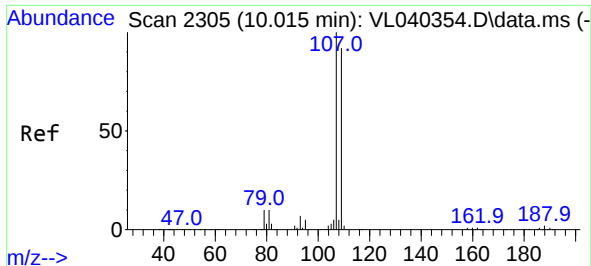
Tgt Ion:164 Resp: 824
Ion Ratio Lower Upper
164 100
166 13.1 105.2 157.8#
129 66.3 90.3 135.5#
131 0.0 86.7 130.1#



#53
Toluene
Concen: 4.006 ppbv
RT: 9.230 min Scan# 2061
Delta R.T. 0.003 min
Lab File: VL040365.D
Acq: 13 Apr 2023 18:36

Tgt Ion: 91 Resp: 887833
Ion Ratio Lower Upper
91 100
92 60.7 48.9 73.3

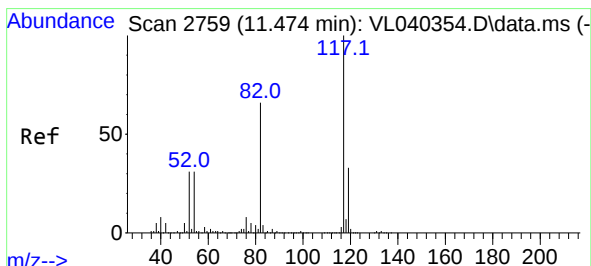
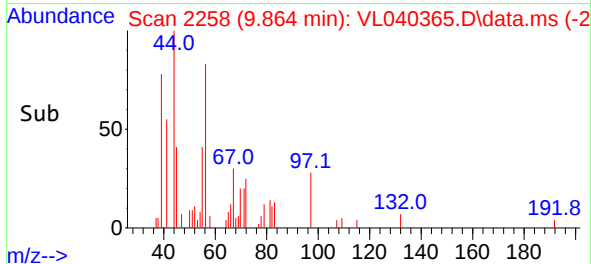
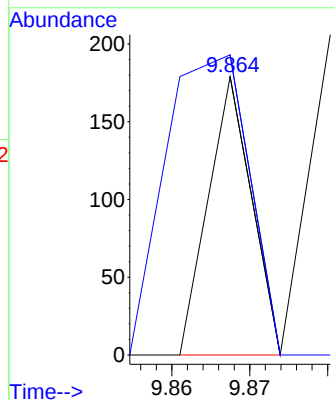
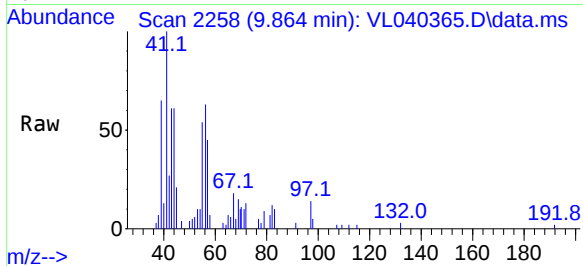




#54
1,2-Dibromoethane
Concen: 0.000 ppbv
RT: 9.864 min Scan# 21
Delta R.T. -0.151 min
Lab File: VL040365.D
Acq: 13 Apr 2023 18:36

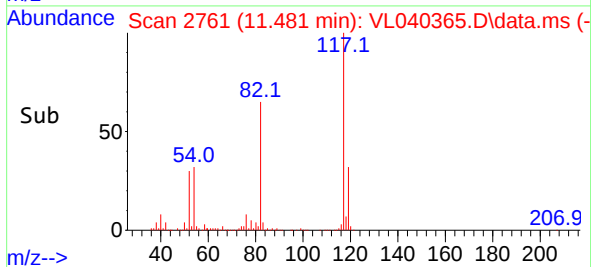
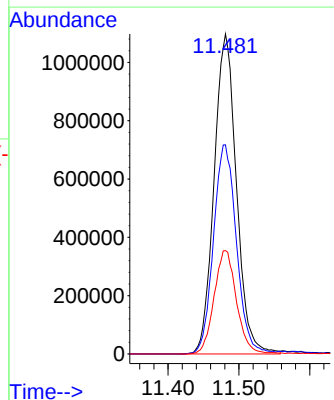
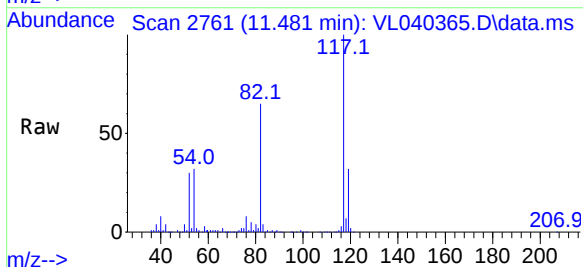
Instrument :
MSVOA_L
ClientSampleId :
SV-19-20230412DL

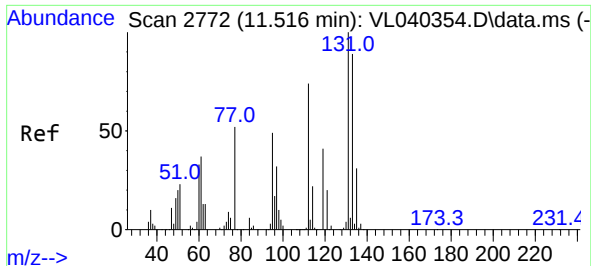
Tgt Ion:107 Resp: 35
Ion Ratio Lower Upper
107 100
109 107.8 73.6 110.4



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.481 min Scan# 2761
Delta R.T. 0.007 min
Lab File: VL040365.D
Acq: 13 Apr 2023 18:36

Tgt Ion:117 Resp: 2402362
Ion Ratio Lower Upper
117 100
82 67.6 52.5 78.7
119 33.0 24.3 36.5

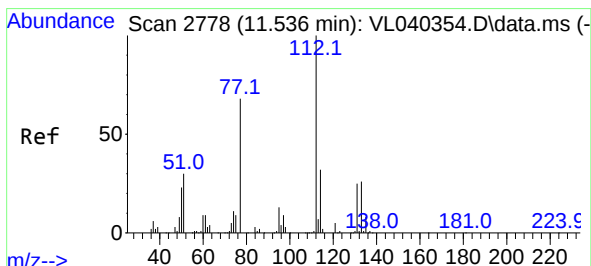
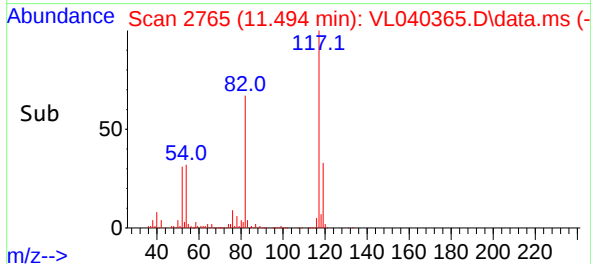
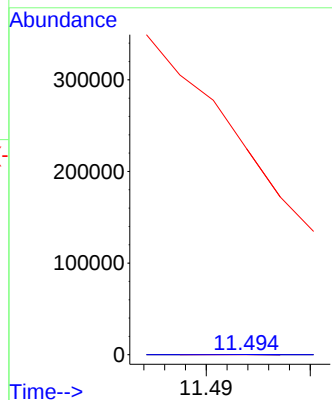
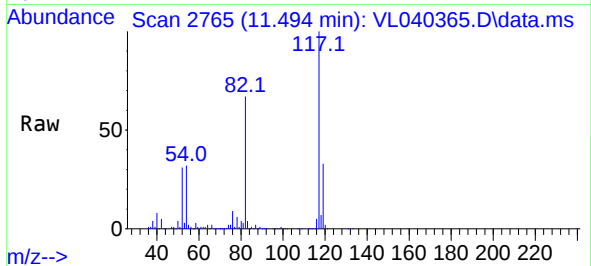




#56
1,1,1,2-Tetrachloroethane
Concen: 0.001 ppbv
RT: 11.494 min Scan# 21
Delta R.T. -0.022 min
Lab File: VL040365.D
Acq: 13 Apr 2023 18:36

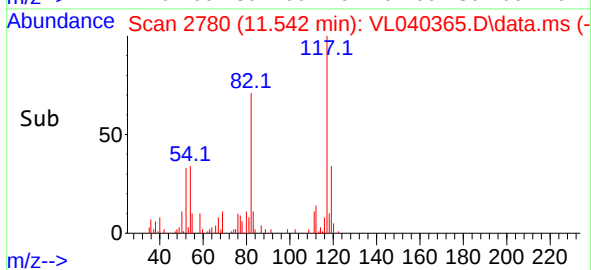
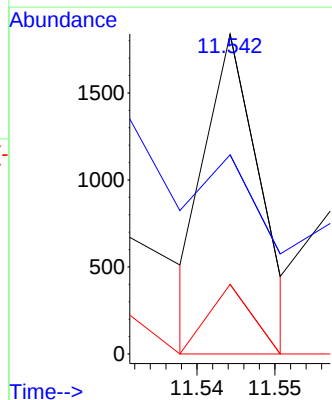
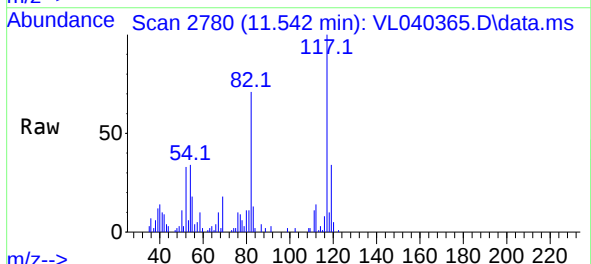
Instrument :
MSVOA_L
ClientSampleId :
SV-19-20230412DL

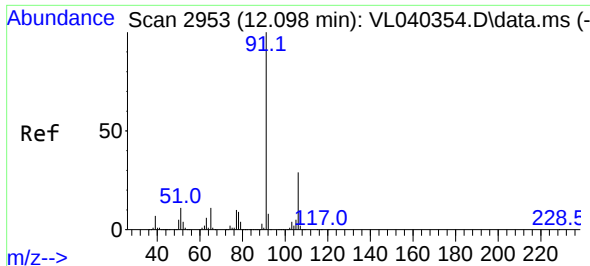
Tgt Ion:131 Resp: 61
Ion Ratio Lower Upper
131 100
133 0.0 75.3 112.9#
119 1294421.3 53.9 80.9#



#57
Chlorobenzene
Concen: 0.002 ppbv
RT: 11.542 min Scan# 2780
Delta R.T. 0.007 min
Lab File: VL040365.D
Acq: 13 Apr 2023 18:36

Tgt Ion:112 Resp: 441
Ion Ratio Lower Upper
112 100
77 40.9 55.8 83.8#
114 28.7 29.1 35.5#

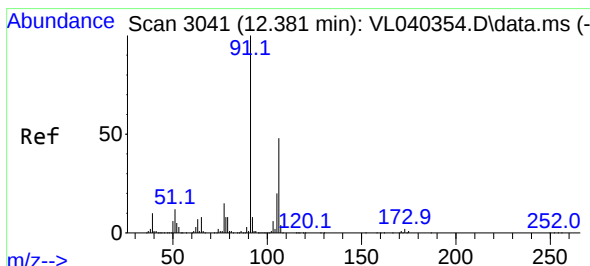
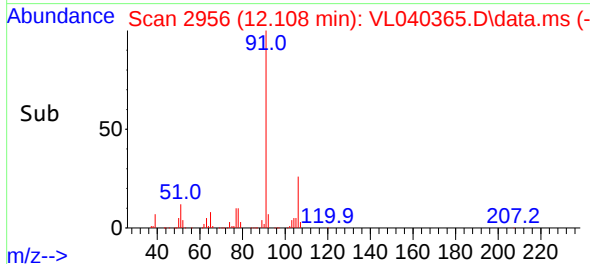
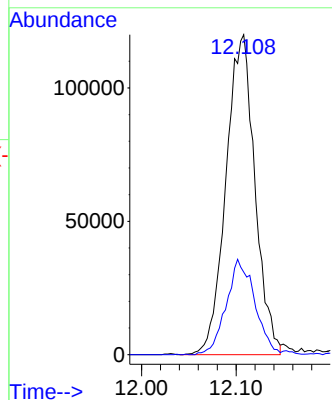
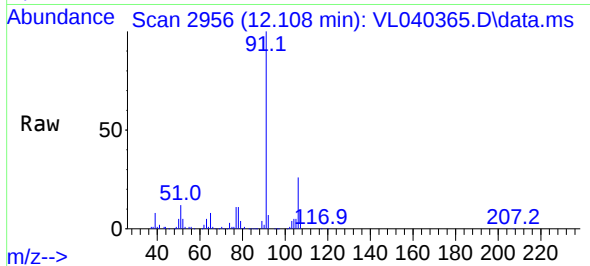




#58
Ethyl Benzene
Concen: 0.864 ppbv
RT: 12.108 min Scan# 2953
Delta R.T. 0.010 min
Lab File: VL040365.D
Acq: 13 Apr 2023 18:36

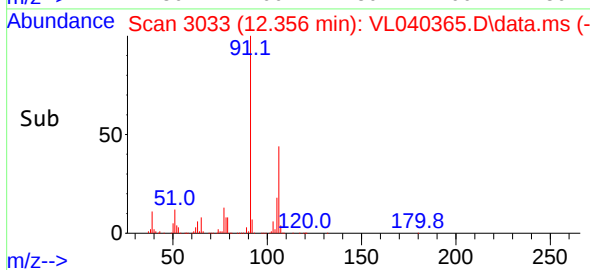
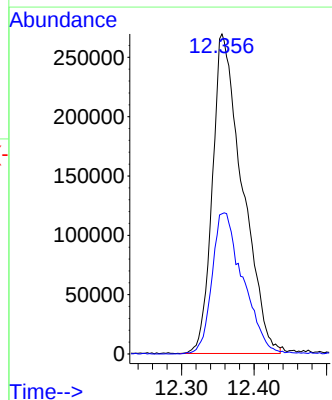
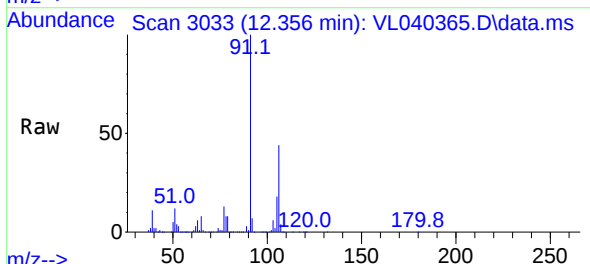
Instrument :
MSVOA_L
ClientSampleId :
SV-19-20230412DL

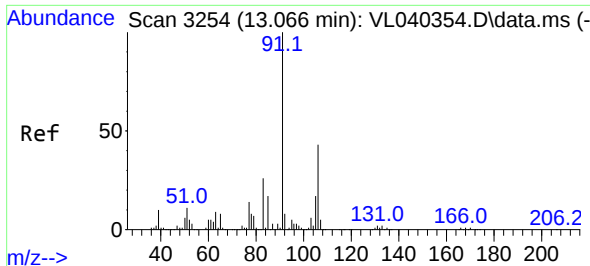
Tgt Ion: 91 Resp: 255236
Ion Ratio Lower Upper
91 100
106 25.8 23.5 35.3



#59
m/p-Xylene
Concen: 2.847 ppbv
RT: 12.356 min Scan# 3033
Delta R.T. -0.026 min
Lab File: VL040365.D
Acq: 13 Apr 2023 18:36

Tgt Ion: 91 Resp: 773622
Ion Ratio Lower Upper
91 100
106 46.0 34.7 52.1

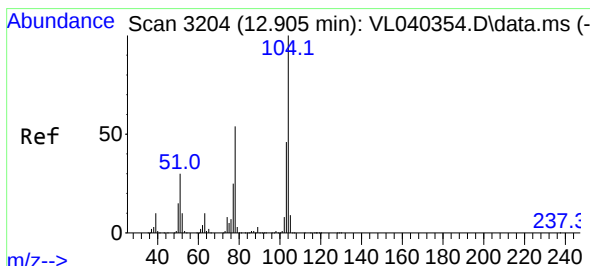
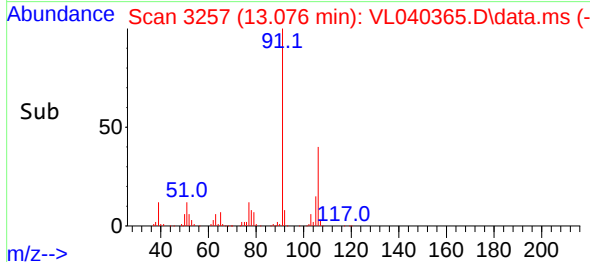
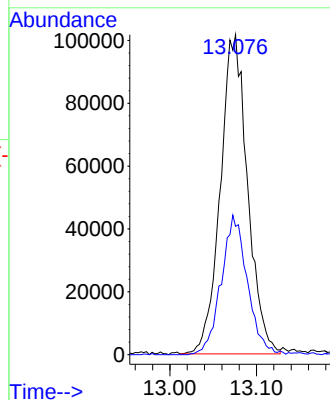
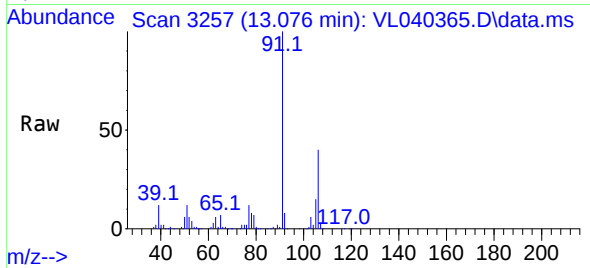




#60
o-Xylene
Concen: 0.850 ppbv
RT: 13.076 min Scan# 31
Delta R.T. 0.010 min
Lab File: VL040365.D
Acq: 13 Apr 2023 18:36

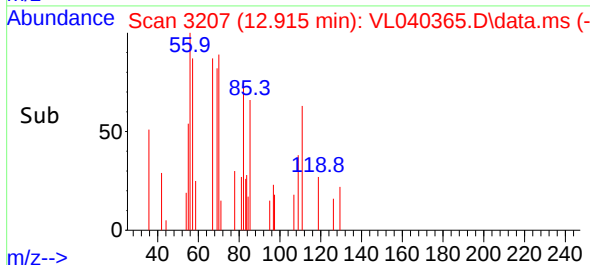
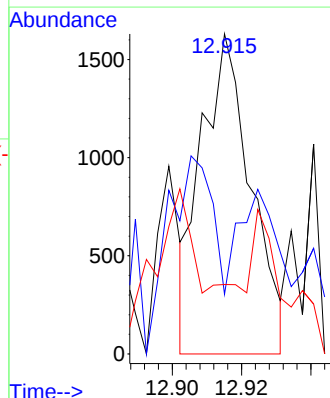
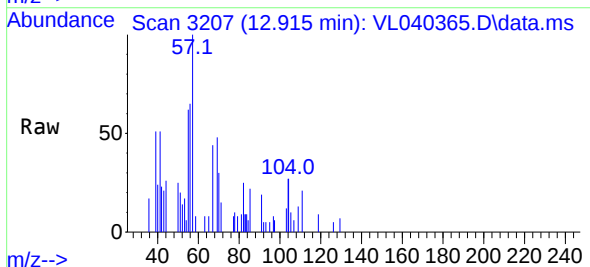
Instrument :
MSVOA_L
ClientSampleId :
SV-19-20230412DL

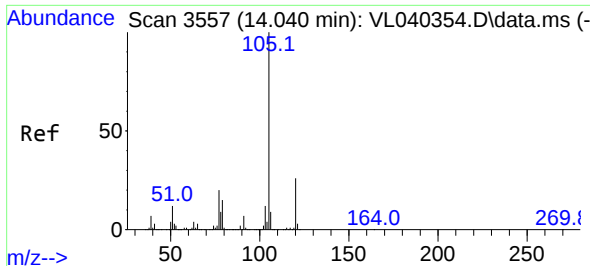
Tgt Ion: 91 Resp: 221815
Ion Ratio Lower Upper
91 100
106 42.0 21.9 65.8



#61
Styrene
Concen: 0.012 ppbv
RT: 12.915 min Scan# 3207
Delta R.T. 0.010 min
Lab File: VL040365.D
Acq: 13 Apr 2023 18:36

Tgt Ion: 104 Resp: 1628
Ion Ratio Lower Upper
104 100
78 0.0 43.4 65.0#
103 0.0 37.0 55.4#

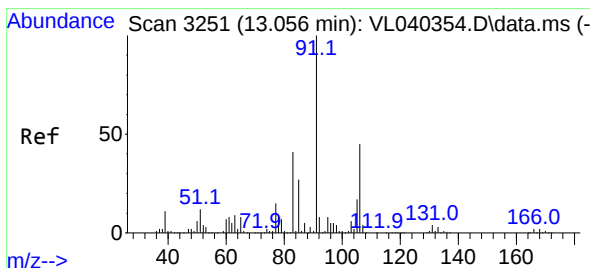
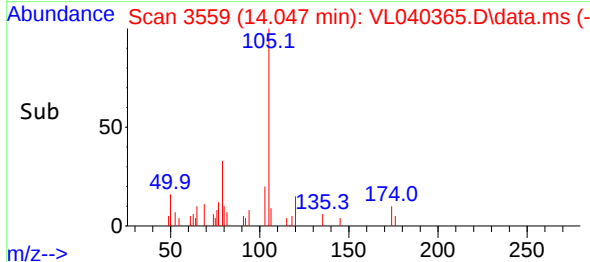
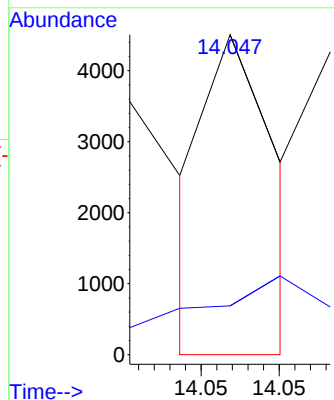
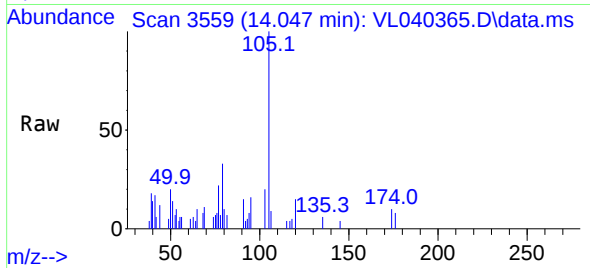




#62
Isopropylbenzene
Concen: 0.004 ppbv
RT: 14.047 min Scan# 31
Delta R.T. 0.007 min
Lab File: VL040365.D
Acq: 13 Apr 2023 18:36

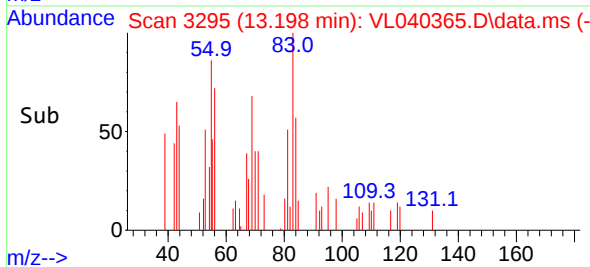
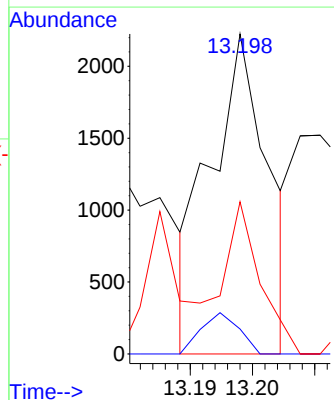
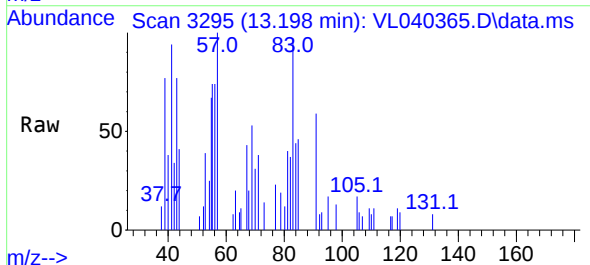
Instrument :
MSVOA_1
ClientSampleId :
SV-19-20230412DL

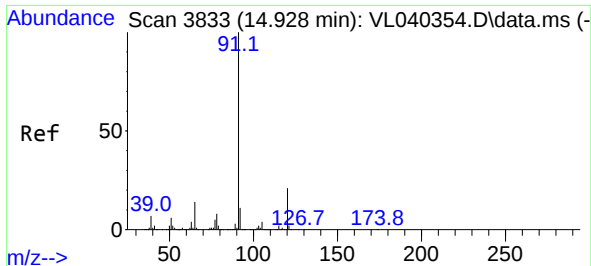
Tgt Ion:105 Resp: 1390
Ion Ratio Lower Upper
105 100
120 0.0 19.9 29.9#



#63
1,1,2,2-Tetrachloroethane
Concen: 0.015 ppbv
RT: 13.198 min Scan# 3295
Delta R.T. 0.142 min
Lab File: VL040365.D
Acq: 13 Apr 2023 18:36

Tgt Ion: 83 Resp: 1426
Ion Ratio Lower Upper
83 100
131 8.6 4.3 13.1
85 80.3 32.9 98.6

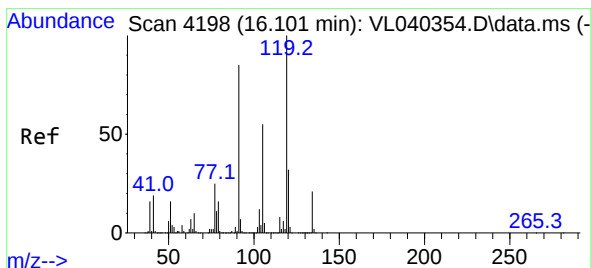
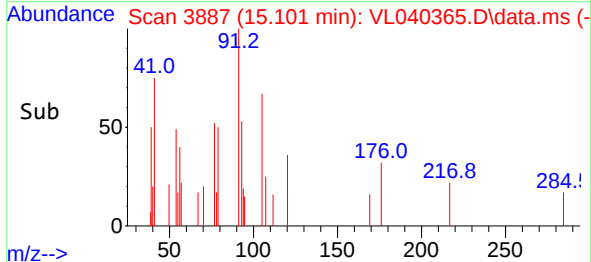
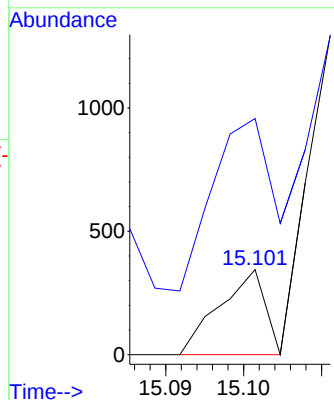
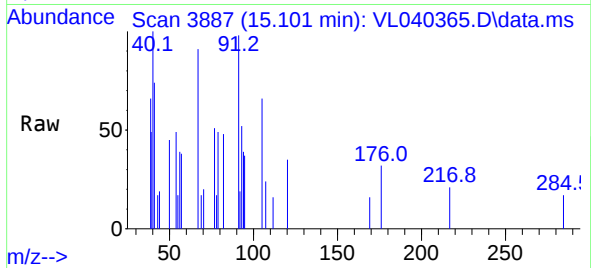




#64
n-propylbenzene
Concen: 0.002 ppbv
RT: 15.101 min Scan# 3887
Delta R.T. 0.174 min
Lab File: VL040365.D
Acq: 13 Apr 2023 18:36

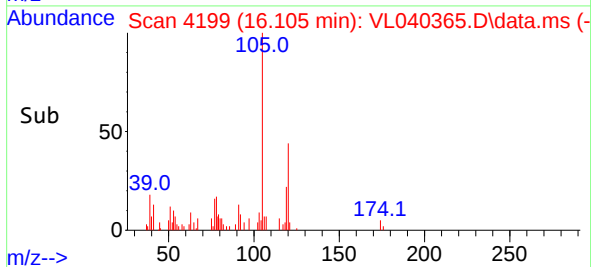
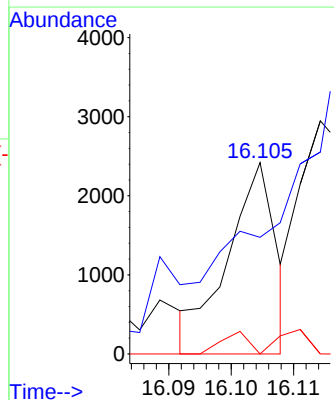
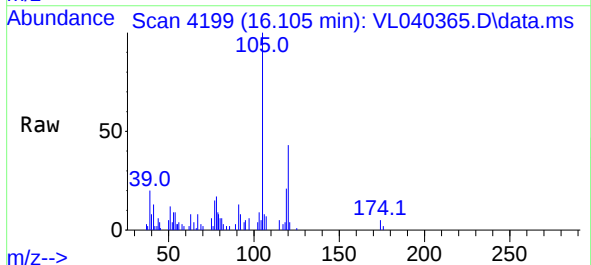
Instrument :
MSVOA_L
ClientSampleId :
SV-19-20230412DL

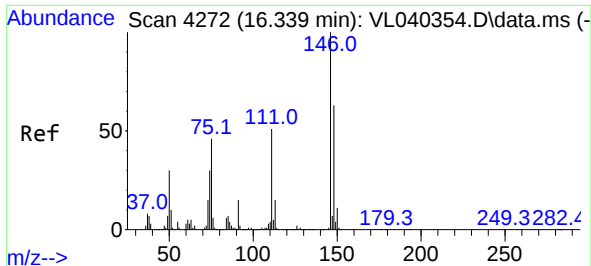
Tgt Ion:120 Resp: 140
Ion Ratio Lower Upper
120 100
91 544.3 397.4 596.0



#65
tert-Butylbenzene
Concen: 0.004 ppbv
RT: 16.105 min Scan# 4199
Delta R.T. 0.003 min
Lab File: VL040365.D
Acq: 13 Apr 2023 18:36

Tgt Ion:119 Resp: 1296
Ion Ratio Lower Upper
119 100
91 0.0 70.1 105.1#
134 0.0 15.6 23.4#

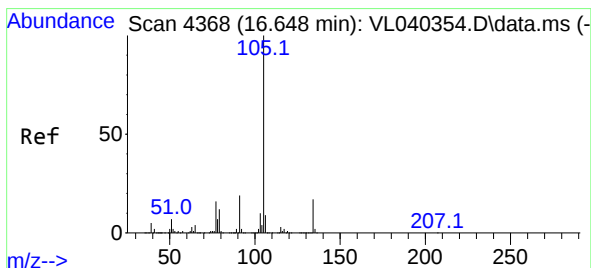
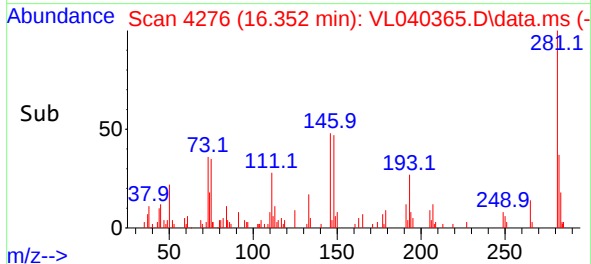
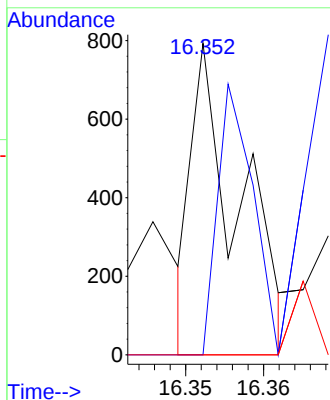
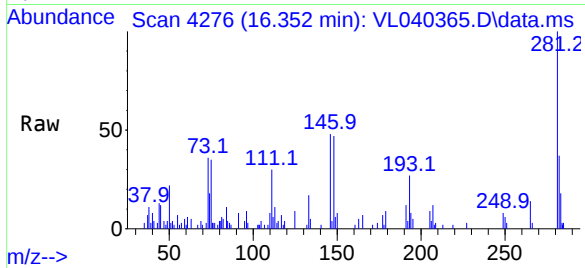




#66
Benzyl Chloride
Concen: 0.016 ppbv
RT: 16.352 min Scan# 41
Delta R.T. 0.013 min
Lab File: VL040365.D
Acq: 13 Apr 2023 18:36

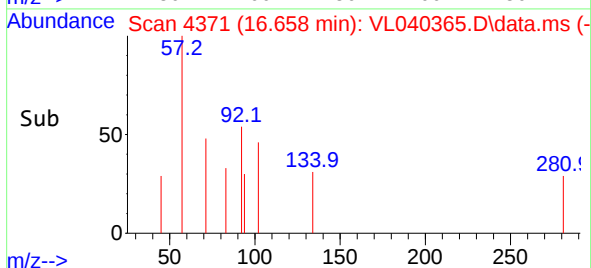
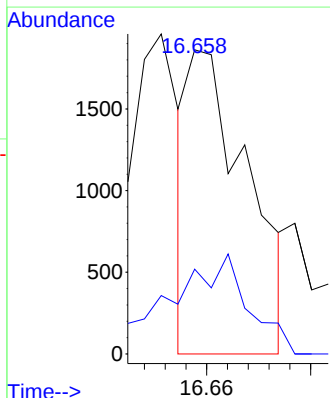
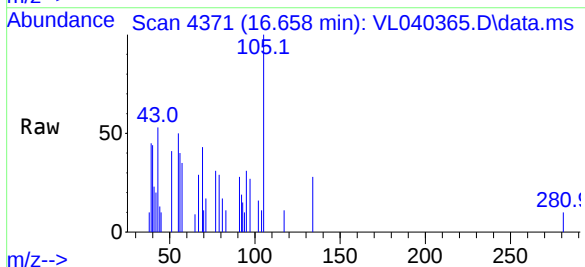
Instrument :
MSVOA_L
ClientSampleId :
SV-19-20230412DL

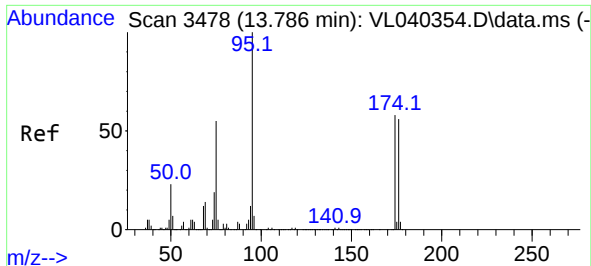
Tgt Ion: 91 Resp: 330
Ion Ratio Lower Upper
91 100
126 0.0 12.3 18.5#
128 0.0 4.1 6.1#



#67
sec-Butylbenzene
Concen: 0.003 ppbv
RT: 16.658 min Scan# 4371
Delta R.T. 0.010 min
Lab File: VL040365.D
Acq: 13 Apr 2023 18:36

Tgt Ion: 105 Resp: 1481
Ion Ratio Lower Upper
105 100
134 51.4 13.8 20.6#

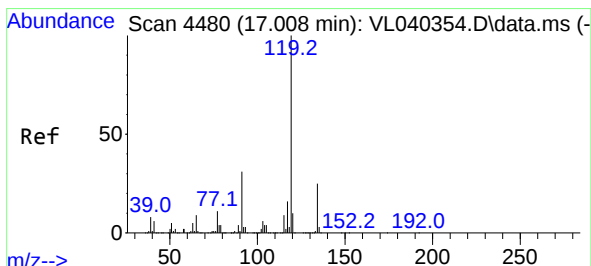
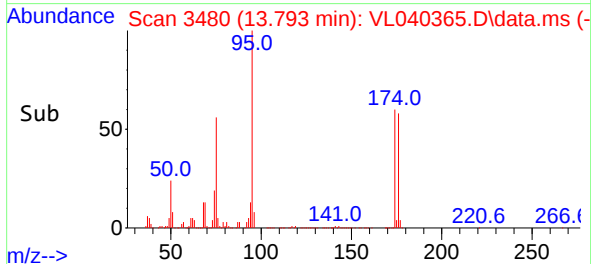
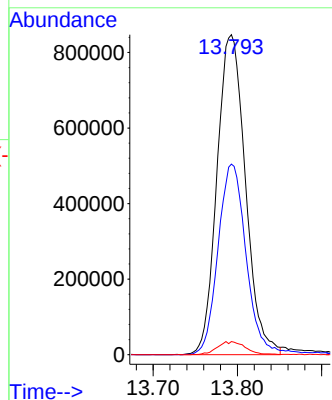
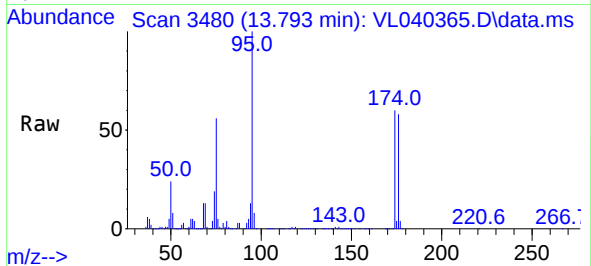




#68
1-Bromo-4-Fluorobenzene
Concen: 10.007 ppbv
RT: 13.793 min Scan# 3478
Delta R.T. 0.007 min
Lab File: VL040365.D
Acq: 13 Apr 2023 18:36

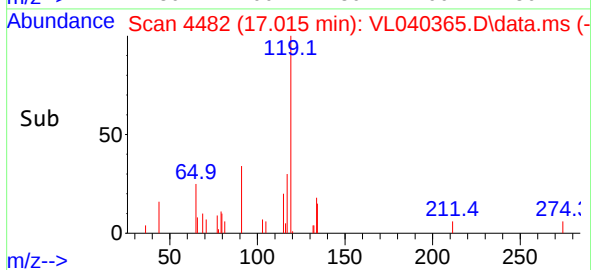
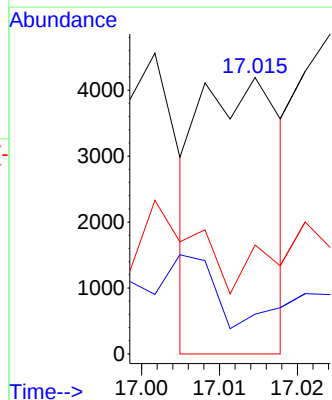
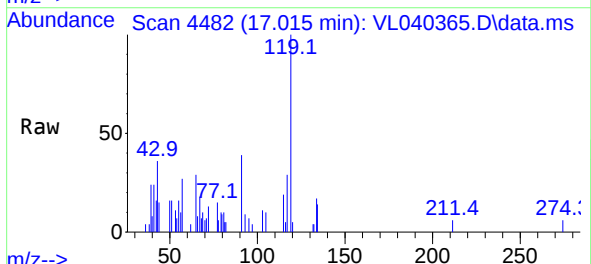
Instrument :
MSVOA_1
ClientSampleId :
SV-19-20230412DL

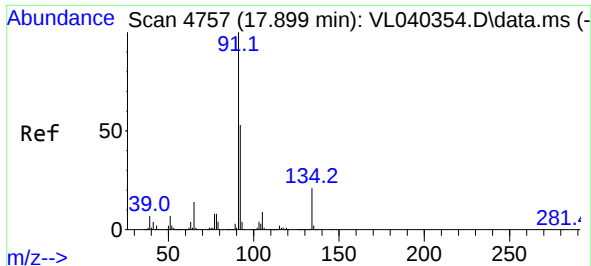
Tgt Ion: 95 Resp: 1987952
Ion Ratio Lower Upper
95 100
174 60.4 47.2 70.8
175 4.1 3.5 5.3



#69
p-Isopropyltoluene
Concen: 0.008 ppbv
RT: 17.015 min Scan# 4482
Delta R.T. 0.007 min
Lab File: VL040365.D
Acq: 13 Apr 2023 18:36

Tgt Ion: 119 Resp: 2978
Ion Ratio Lower Upper
119 100
134 0.0 20.2 30.4#
91 0.0 25.7 38.5#

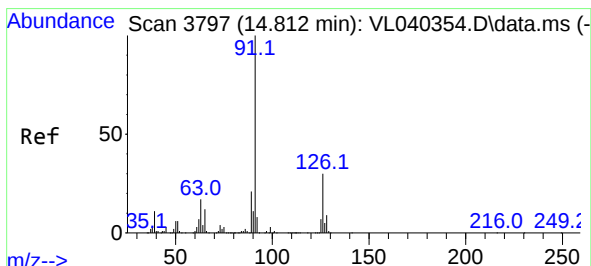
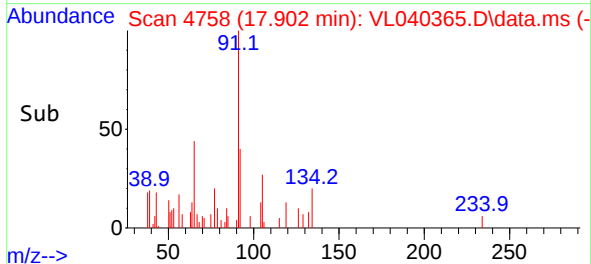
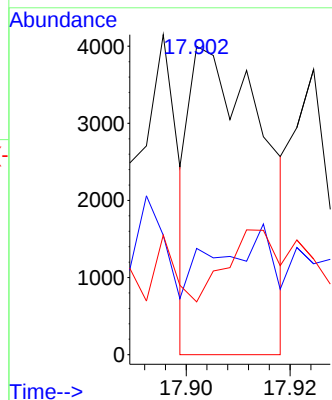
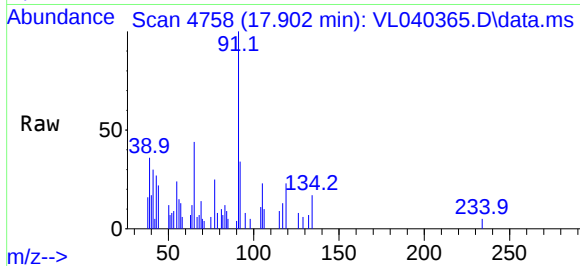




#70
n-Butylbenzene
Concen: 0.009 ppbv
RT: 17.902 min Scan# 41
Delta R.T. 0.003 min
Lab File: VL040365.D
Acq: 13 Apr 2023 18:36

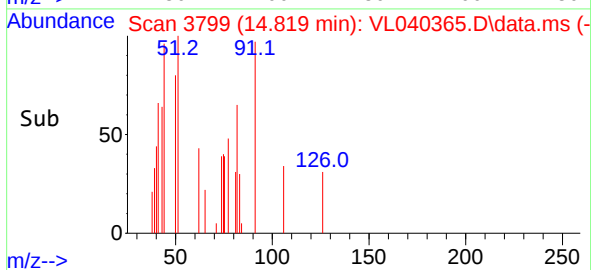
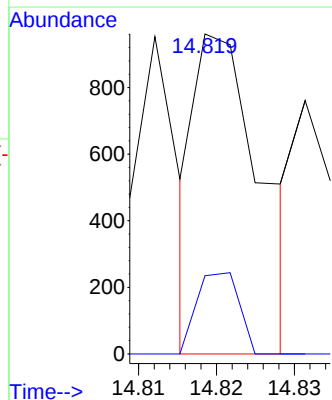
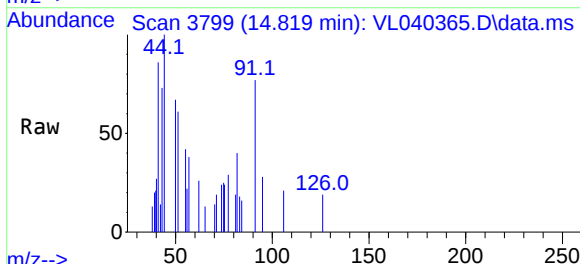
Instrument :
MSVOA_L
ClientSampleId :
SV-19-20230412DL

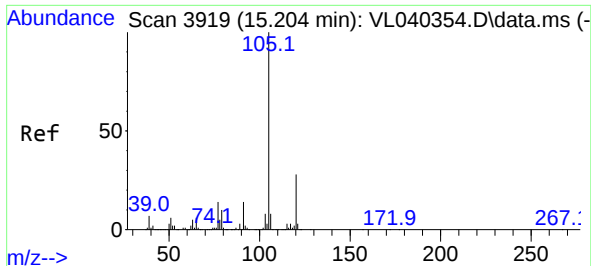
Tgt Ion: 91 Resp: 3859
Ion Ratio Lower Upper
91 100
92 0.0 43.0 64.4#
134 0.0 16.6 25.0#



#71
2-Chlorotoluene
Concen: 0.002 ppbv
RT: 14.819 min Scan# 3799
Delta R.T. 0.007 min
Lab File: VL040365.D
Acq: 13 Apr 2023 18:36

Tgt Ion: 91 Resp: 562
Ion Ratio Lower Upper
91 100
126 16.4 11.8 47.4

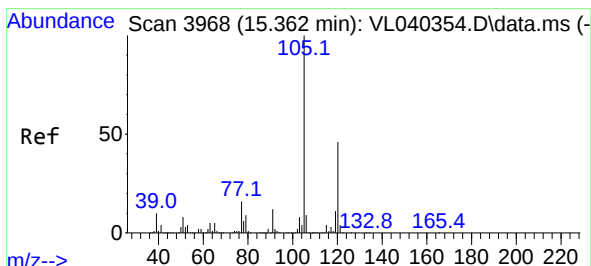
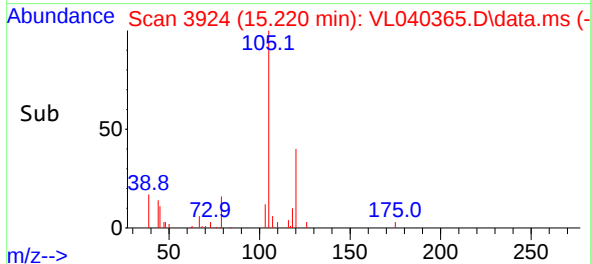
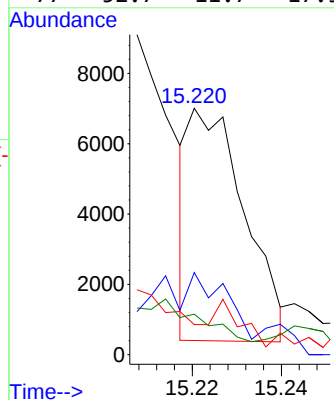
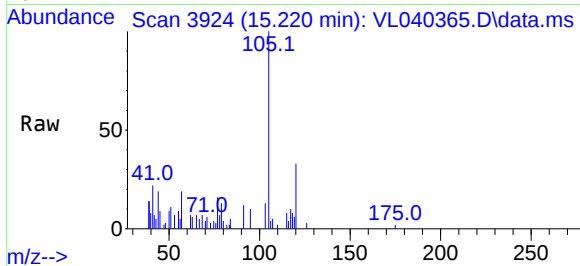




#72
4-Ethyltoluene
Concen: 0.020 ppbv
RT: 15.220 min Scan# 3919
Delta R.T. 0.016 min
Lab File: VL040365.D
Acq: 13 Apr 2023 18:36

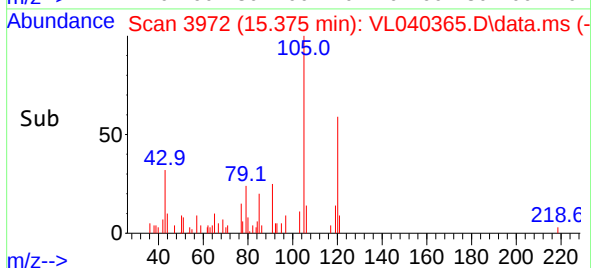
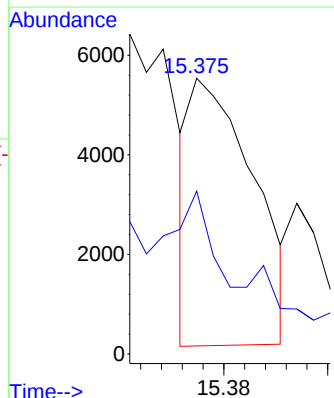
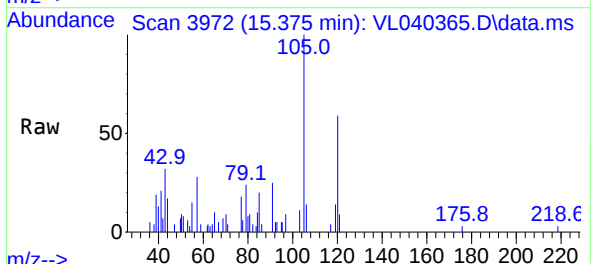
Instrument :
MSVOA_L
ClientSampleId :
SV-19-20230412DL

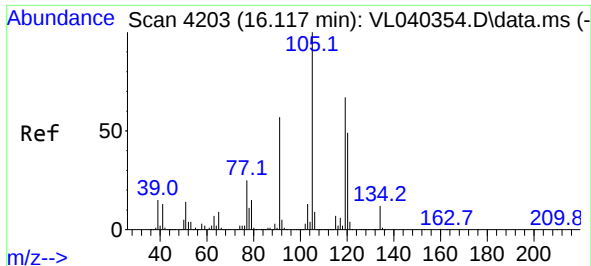
Tgt Ion:	105	Resp:	5708
Ion	Ratio	Lower	Upper
105	100		
120	0.0	23.0	34.6#
91	0.0	11.3	16.9#
77	52.7	11.7	17.5#



#73
1,3,5-Trimethylbenzene
Concen: 0.017 ppbv
RT: 15.375 min Scan# 3972
Delta R.T. 0.013 min
Lab File: VL040365.D
Acq: 13 Apr 2023 18:36

Tgt Ion:	105	Resp:	4549
Ion	Ratio	Lower	Upper
105	100		
120	84.7	36.9	55.3#



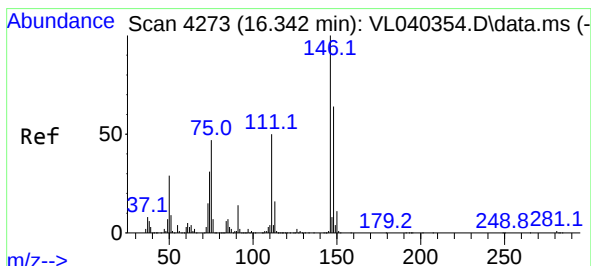
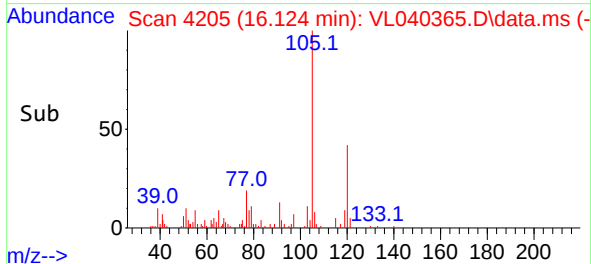
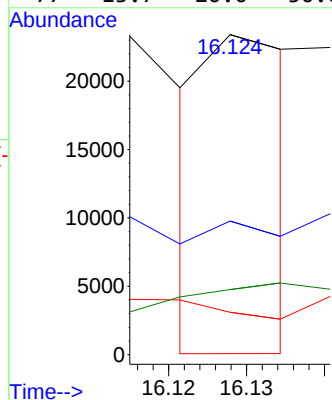
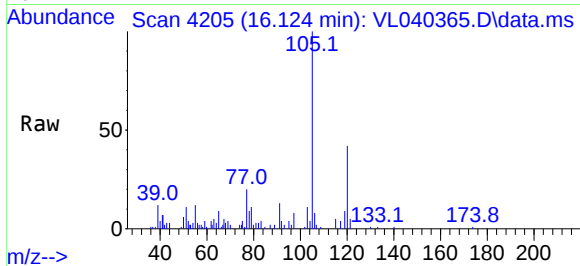


#74
1,2,4-Trimethylbenzene
Concen: 0.029 ppbv
RT: 16.124 min Scan# 41
Delta R.T. 0.007 min
Lab File: VL040365.D
Acq: 13 Apr 2023 18:36

Instrument :
MSVOA_1
ClientSampleId :
SV-19-20230412DL

Tgt Ion:105 Resp: 8797

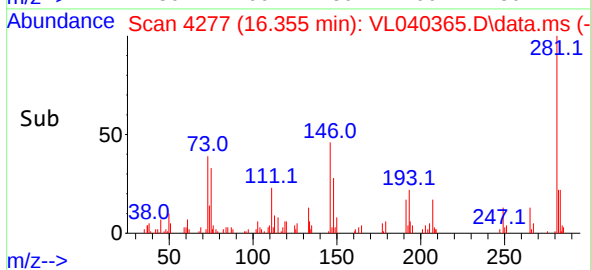
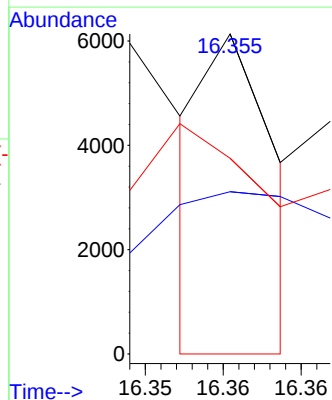
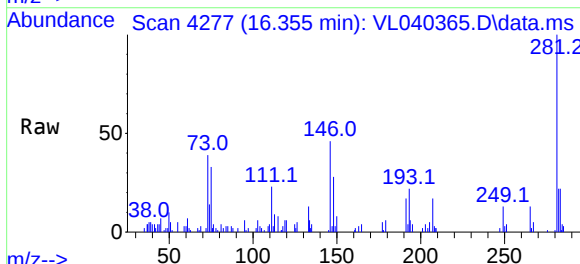
Ion	Ratio	Lower	Upper
105	100		
120	43.0	38.9	58.3
91	13.0	46.0	69.0#
77	13.7	20.0	30.0#

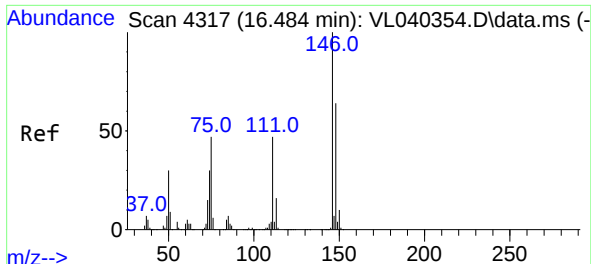


#75
1,3-Dichlorobenzene
Concen: 0.011 ppbv
RT: 16.355 min Scan# 4277
Delta R.T. 0.013 min
Lab File: VL040365.D
Acq: 13 Apr 2023 18:36

Tgt Ion:146 Resp: 1892

Ion	Ratio	Lower	Upper
146	100		
111	477.9	24.6	74.0#
148	502.7	32.1	96.3#

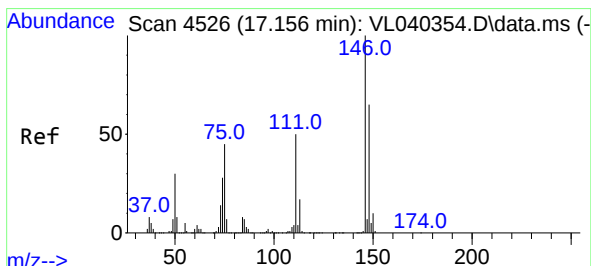
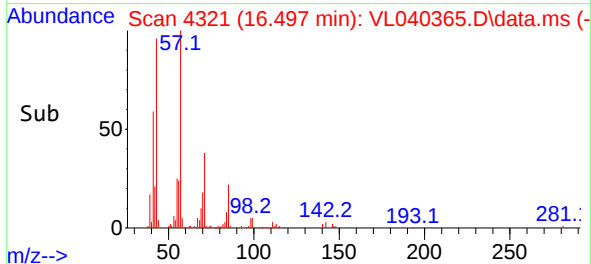
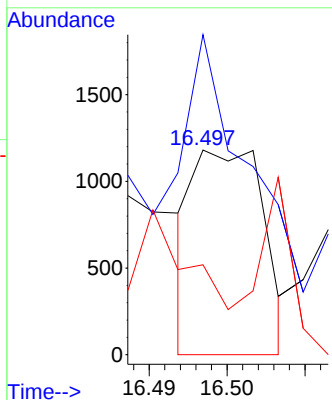
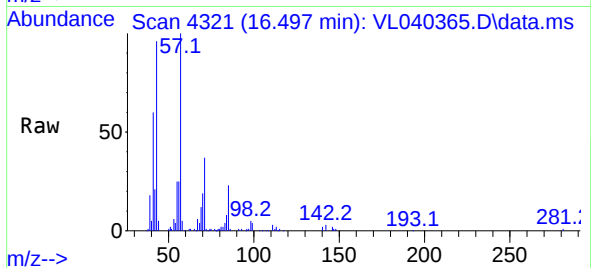




#76
1,4-Dichlorobenzene
Concen: 0.004 ppbv
RT: 16.497 min Scan# 41
Delta R.T. 0.013 min
Lab File: VL040365.D
Acq: 13 Apr 2023 18:36

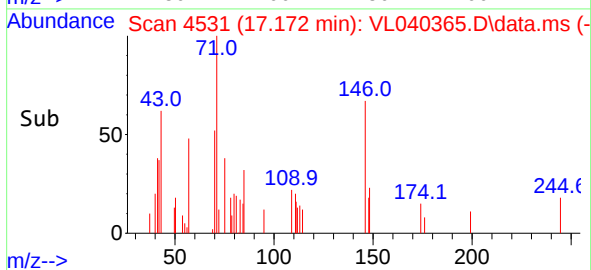
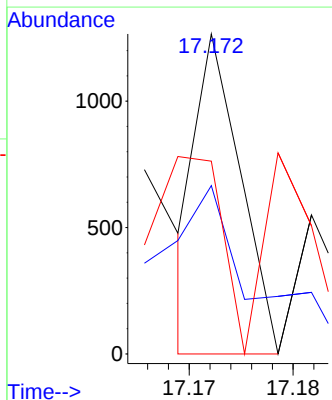
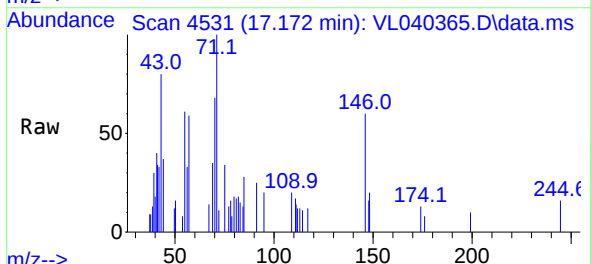
Instrument :
MSVOA_L
ClientSampleId :
SV-19-20230412DL

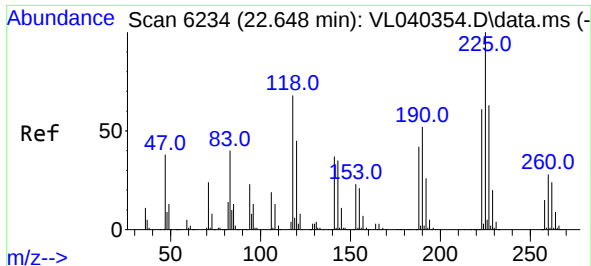
Tgt Ion:146 Resp: 736
Ion Ratio Lower Upper
146 100
111 483.0 23.8 71.4#
148 0.0 32.4 97.2#



#77
1,2-Dichlorobenzene
Concen: 0.002 ppbv
RT: 17.172 min Scan# 4531
Delta R.T. 0.016 min
Lab File: VL040365.D
Acq: 13 Apr 2023 18:36

Tgt Ion:146 Resp: 369
Ion Ratio Lower Upper
146 100
111 0.0 25.4 76.0#
148 0.0 32.0 96.2#

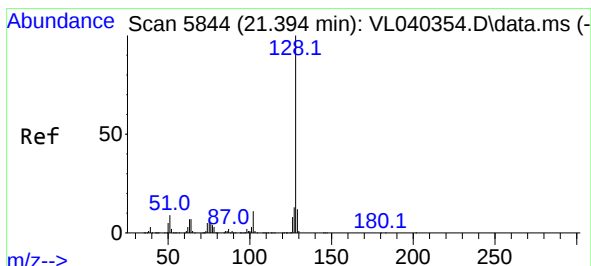
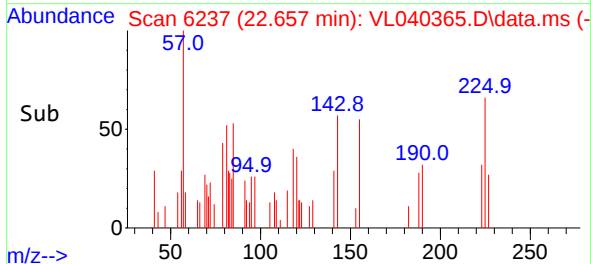
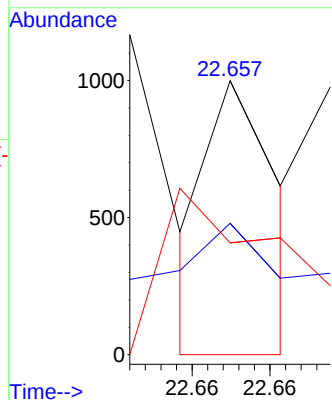
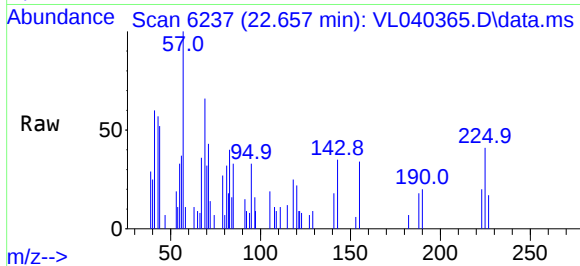




#78
Hexachloro-1,3-Butadiene
Concen: 0.002 ppbv
RT: 22.657 min Scan# 61
Delta R.T. 0.010 min
Lab File: VL040365.D
Acq: 13 Apr 2023 18:36

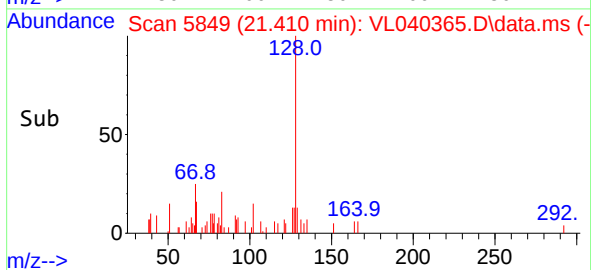
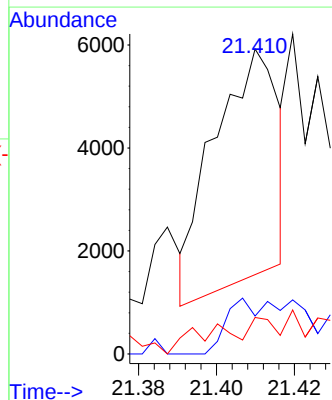
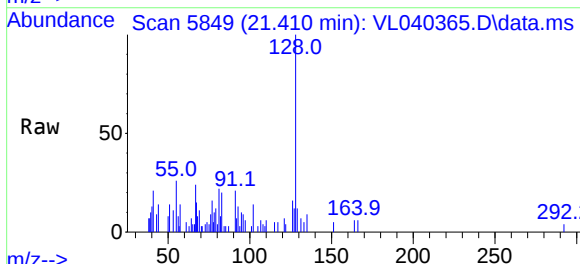
Instrument :
MSVOA_L
ClientSampleId :
SV-19-20230412DL

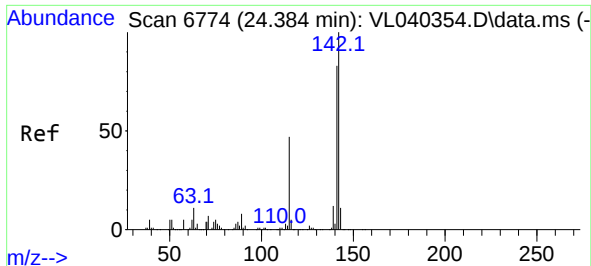
Tgt Ion:225 Resp: 312
Ion Ratio Lower Upper
225 100
223 0.0 50.7 76.1#
227 0.0 51.0 76.4#



#79
Naphthalene
Concen: 0.025 ppbv
RT: 21.410 min Scan# 5849
Delta R.T. 0.016 min
Lab File: VL040365.D
Acq: 13 Apr 2023 18:36

Tgt Ion:128 Resp: 5099
Ion Ratio Lower Upper
128 100
127 18.6 10.0 15.0#
129 10.1 9.4 14.0

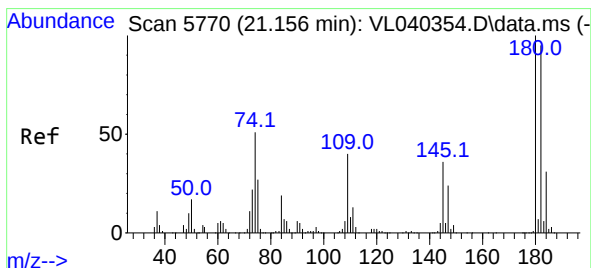
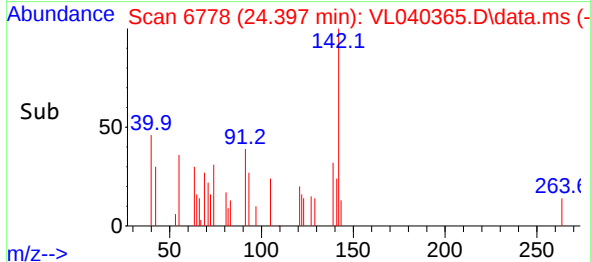
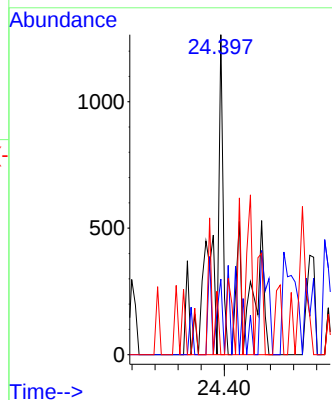
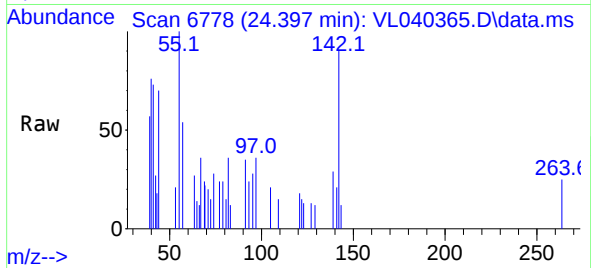




#80
Naphthalene, 2-methyl-
Concen: 0.019 ppbv
RT: 24.397 min Scan# 611
Delta R.T. 0.013 min
Lab File: VL040365.D
Acq: 13 Apr 2023 18:36

Instrument :
MSVOA_L
ClientSampleId :
SV-19-20230412DL

Tgt Ion:142 Resp: 1139
Ion Ratio Lower Upper
142 100
141 26.3 65.1 97.7#
115 0.0 36.5 54.7#



#81
1,2,4-Trichlorobenzene
Concen: 0.010 ppbv
RT: 21.162 min Scan# 5772
Delta R.T. 0.007 min
Lab File: VL040365.D
Acq: 13 Apr 2023 18:36

Tgt Ion:180 Resp: 1303
Ion Ratio Lower Upper
180 100
182 251.7 77.7 116.5#
184 74.7 24.2 36.2#

