

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL041323\
 Data File : VL040371.D
 Acq On : 13 Apr 2023 23:49
 Operator : SY/MD
 Sample : 02332-01DLDUP 4X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV-19-20230412DLDUP

Quant Time: Apr 14 08:38:24 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	5.189	49	1067553	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.655	114	2705617	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.475	117	2477667	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.786	95	2038435	9.949	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.500%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.716	85	36698	0.191	ppbv #	85
3) Chlorodifluoromethane	2.661	51	16580	0.119	ppbv #	91
4) Chloromethane	2.800	50	7444	0.084	ppbv #	85
5) Vinyl Chloride	2.906	62	254	0.003	ppbv #	42
6) Bromomethane	3.102	94	93	0.004	ppbv #	4
7) Chloroethane	3.182	64	160	0.006	ppbv #	76
8) Dichlorotetrafluoroethane	2.838	85	574	0.003	ppbv #	32
9) Propene	2.684	41	2430934	44.110	ppbv	92
10) Heptane	7.584	43	153207	1.223	ppbv	99
11) Trichlorofluoromethane	3.581	101	425	0.002	ppbv	89
12) 1,1,2-Trichlorotrifluo...	4.067	101	1207	0.009	ppbv #	1
13) Ethanol	3.234	45	130283	28.318	ppbv	94
14) Bromoethene	3.507	108	126	0.002	ppbv #	1
15) Acetone	3.459	43	1700521	11.247	ppbv	99
16) 1,3-Butadiene	2.957	39	899223	14.370	ppbv #	21
17) tert-Butyl alcohol	3.877	59	138545	0.998	ppbv #	91
18) 1,1-Dichloroethene	3.870	96	212	0.003	ppbv #	1
19) Isopropyl Alcohol	3.571	45	35823	0.519	ppbv #	90
20) Methylene Chloride	3.928	84	23184	0.384	ppbv #	94
21) Allyl Chloride	3.983	41	3479	0.040	ppbv #	1
22) trans-1,2-Dichloroethene	4.478	96	76	0.001	ppbv #	23
23) Vinyl Acetate	4.610	43	28057	0.729	ppbv #	1
24) 1,1-Dichloroethane	4.562	63	151	0.001	ppbv #	90
25) Ethyl Acetate	5.211	43	187369	0.736	ppbv #	78
26) Hexane	5.211	57	270065	2.518	ppbv #	36
27) Carbon Disulfide	4.121	76	41640	0.300	ppbv #	79
28) Methyl tert-Butyl Ether	4.575	73	562	0.005	ppbv #	52
29) Chloroform	5.314	83	121	0.001	ppbv	91
30) Cyclohexane	6.603	84	16303	0.196	ppbv #	40
31) cis-1,2-Dichloroethene	4.999	61	53	0.000	ppbv #	23
32) 1,1,1-Trichloroethane	6.337	97	79	0.000	ppbv #	1
34) 2-Butanone	4.787	43	356624	2.444	ppbv	99
35) Carbon Tetrachloride	6.501	117	1129	0.006	ppbv #	15
36) Benzene	6.369	78	319008	1.445	ppbv	95
37) 1,2-Dichloroethane	5.803	62	689	0.005	ppbv #	84
38) Trichloroethene	7.279	130	43	0.000	ppbv #	47
39) 1,2-Dichloropropane	6.655	63	688313	7.925	ppbv #	25
40) 1,4-Dioxane	7.343	88	34	0.001	ppbv #	1
41) Tetrahydrofuran	5.578	42	5366	0.067	ppbv #	50
42) Bromodichloromethane	7.256	83	1814	0.009	ppbv #	25
43) Methyl Methacrylate	7.481	69	287	0.004	ppbv #	1
44) 2,2,4-Trimethylpentane	7.330	57	300493	0.815	ppbv #	71
45) t-1,3-Dichloropropene	8.246	75	172	0.002	ppbv #	1

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 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

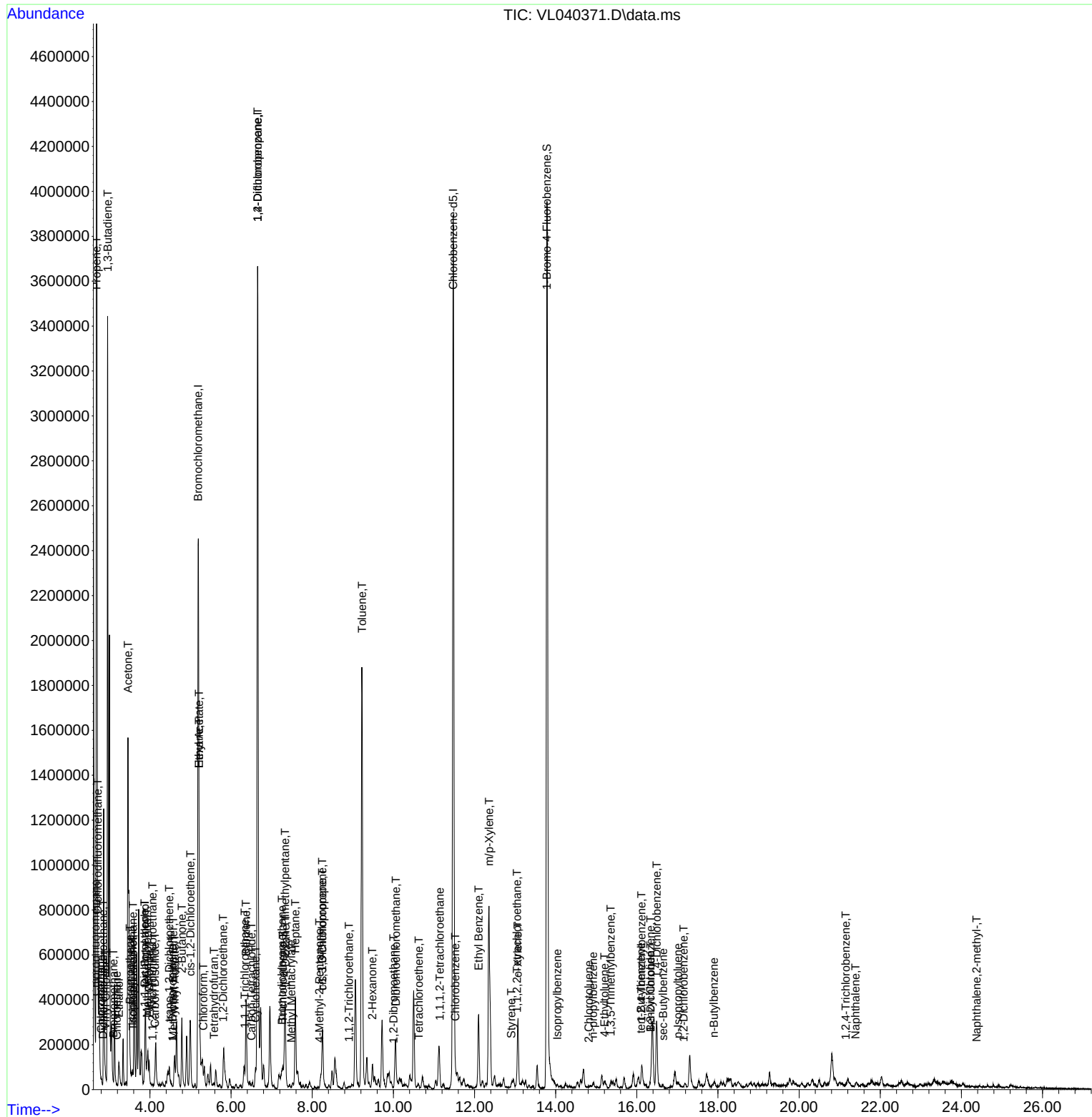
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.246	75	172	0.002	ppbv #	6
47) 1,1,2-Trichloroethane	8.906	97	75	0.001	ppbv #	13
48) Dibromochloromethane	10.063	129	107	0.001	ppbv #	10
50) 4-Methyl-2-Pentanone	8.176	43	870	0.004	ppbv #	39
51) 2-Hexanone	9.484	43	45525	0.279	ppbv #	40
52) Tetrachloroethene	10.626	164	610	0.009	ppbv #	53
53) Toluene	9.227	91	941349	4.022	ppbv	100
54) 1,2-Dibromoethane	10.005	107	48	0.000	ppbv	90
56) 1,1,1,2-Tetrachloroethane	11.143	131	267	0.002	ppbv #	8
57) Chlorobenzene	11.529	112	583	0.003	ppbv #	24
58) Ethyl Benzene	12.102	91	278813	0.915	ppbv	97
59) m/p-Xylene	12.359	91	496680	1.772	ppbv #	50
60) o-Xylene	13.066	91	121881	0.453	ppbv #	32
61) Styrene	12.909	104	1262	0.009	ppbv #	27
62) Isopropylbenzene	14.040	105	4637	0.012	ppbv #	41
63) 1,1,2,2-Tetrachloroethane	13.050	83	296	0.003	ppbv #	24
64) n-propylbenzene	14.925	120	1878	0.020	ppbv #	1
65) tert-Butylbenzene	16.101	119	1347	0.004	ppbv #	15
66) Benzyl Chloride	16.339	91	228	0.011	ppbv #	69
67) sec-Butylbenzene	16.648	105	1503	0.003	ppbv #	60
69) p-Isopropyltoluene	17.011	119	4480	0.012	ppbv #	1
70) n-Butylbenzene	17.899	91	2027	0.005	ppbv #	33
71) 2-Chlorotoluene	14.815	91	343	0.001	ppbv #	45
72) 4-Ethyltoluene	15.204	105	12586	0.042	ppbv #	57
73) 1,3,5-Trimethylbenzene	15.359	105	5075	0.019	ppbv #	56
74) 1,2,4-Trimethylbenzene	16.114	105	35256	0.112	ppbv #	63
75) 1,3-Dichlorobenzene	16.339	146	6866	0.040	ppbv #	22
76) 1,4-Dichlorobenzene	16.494	146	564	0.003	ppbv #	1
77) 1,2-Dichlorobenzene	17.156	146	127	0.001	ppbv #	12
79) Naphthalene	21.394	128	2468	0.012	ppbv #	80
80) Naphthalene,2-methyl-	24.378	142	239	0.004	ppbv #	1
81) 1,2,4-Trichlorobenzene	21.149	180	78	0.001	ppbv #	12

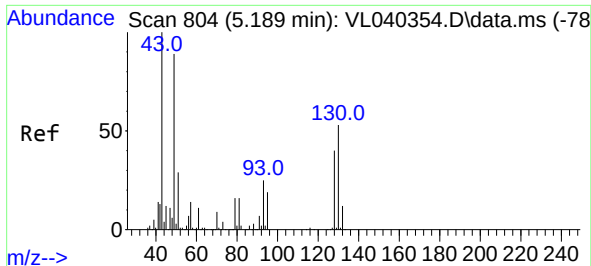
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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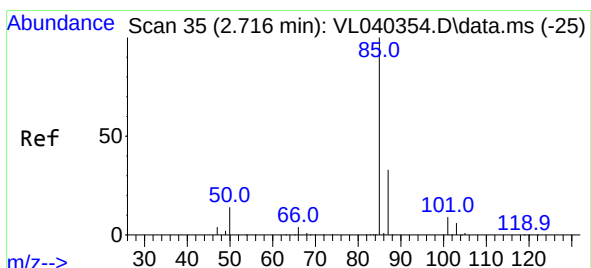
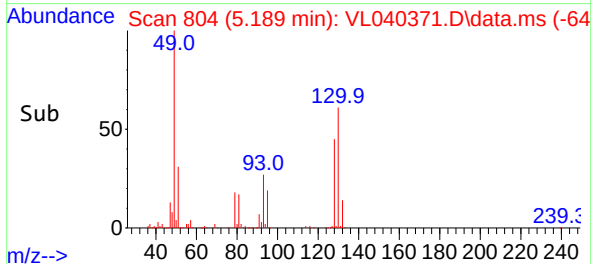
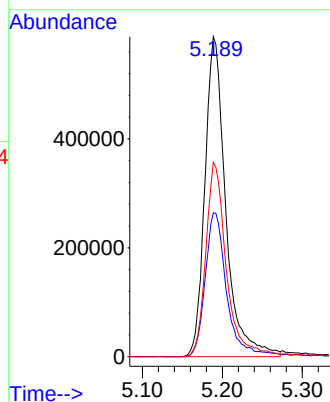
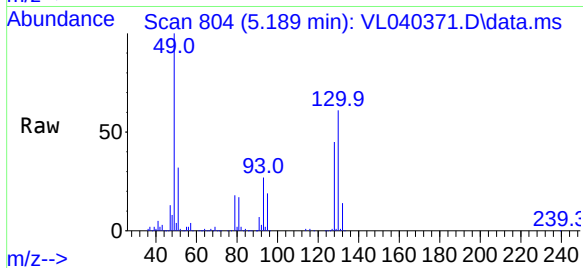




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.189 min Scan# 804
Delta R.T. -0.000 min
Lab File: VL040371.D
Acq: 13 Apr 2023 23:49

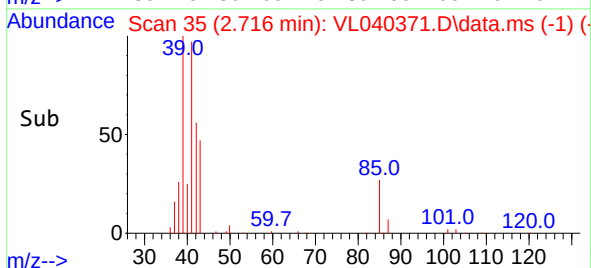
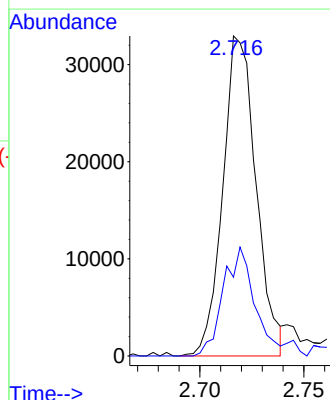
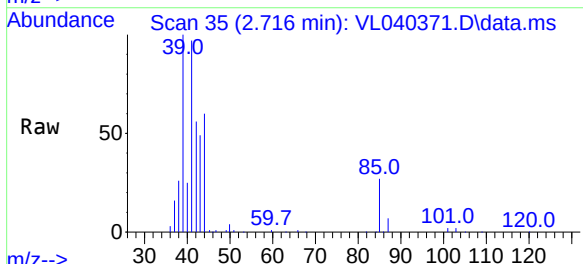
Instrument :
MSVOA_L
ClientSampleId :
SV-19-20230412DLDUP

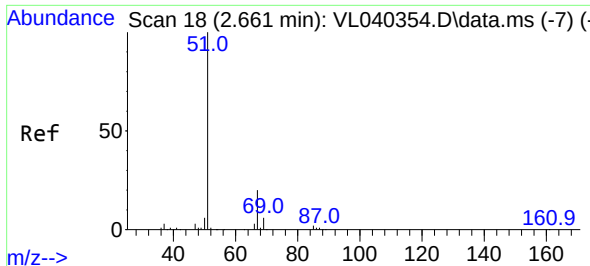
Tgt Ion: 49 Resp: 1067553
Ion Ratio Lower Upper
49 100
128 47.4 23.7 71.1
130 61.0 29.9 89.8



#2
Dichlorodifluoromethane
Concen: 0.191 ppbv
RT: 2.716 min Scan# 35
Delta R.T. 0.000 min
Lab File: VL040371.D
Acq: 13 Apr 2023 23:49

Tgt Ion: 85 Resp: 36698
Ion Ratio Lower Upper
85 100
87 24.6 26.6 40.0#

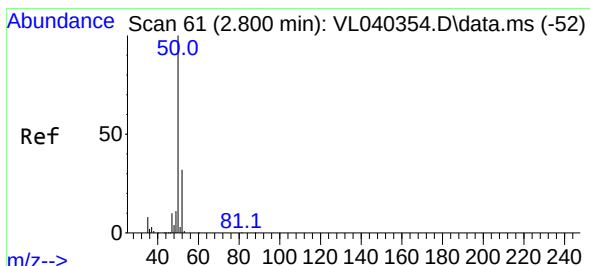
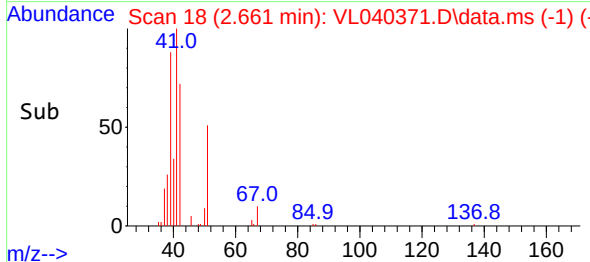
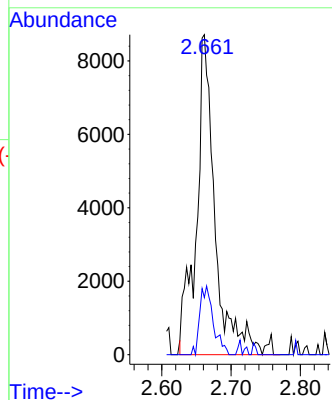
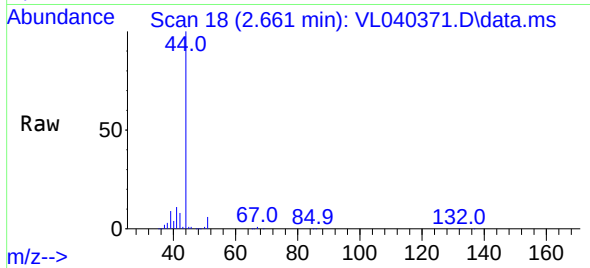




#3
Chlorodifluoromethane
Concen: 0.119 ppbv
RT: 2.661 min Scan# 18
Delta R.T. 0.000 min
Lab File: VL040371.D
Acq: 13 Apr 2023 23:49

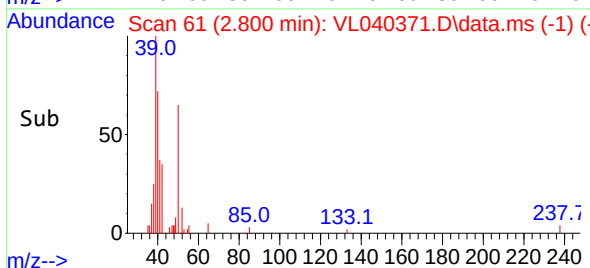
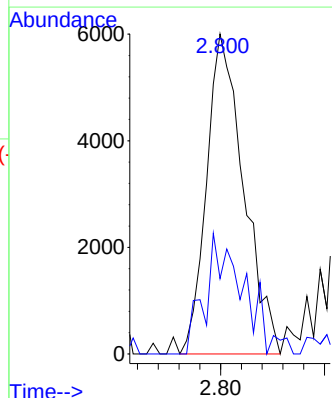
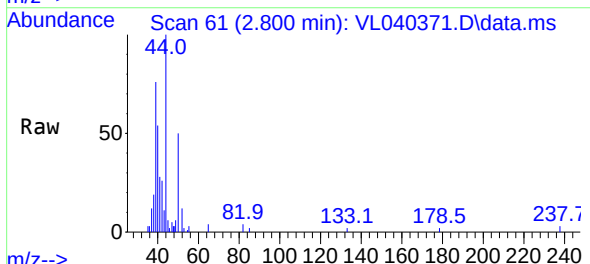
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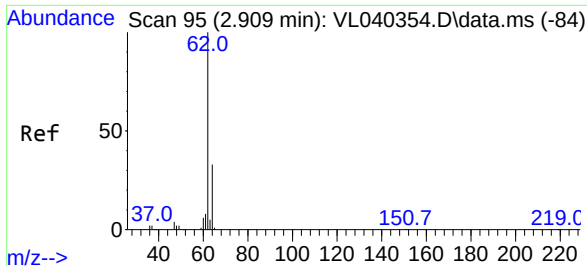
Tgt Ion: 51 Resp: 16580
Ion Ratio Lower Upper
51 100
67 15.3 15.5 23.3#



#4
Chloromethane
Concen: 0.084 ppbv
RT: 2.800 min Scan# 61
Delta R.T. 0.000 min
Lab File: VL040371.D
Acq: 13 Apr 2023 23:49

Tgt Ion: 50 Resp: 7444
Ion Ratio Lower Upper
50 100
52 23.6 25.3 37.9#

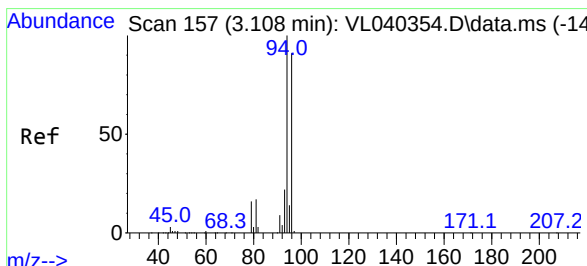
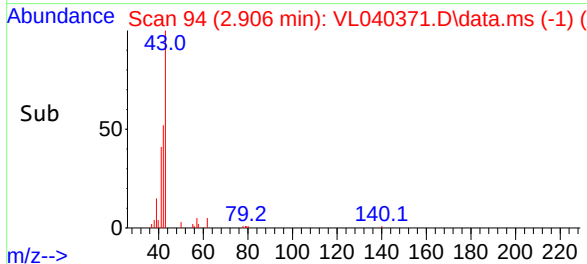
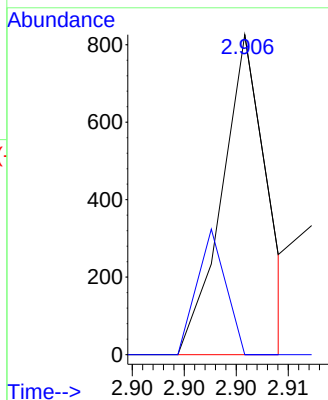
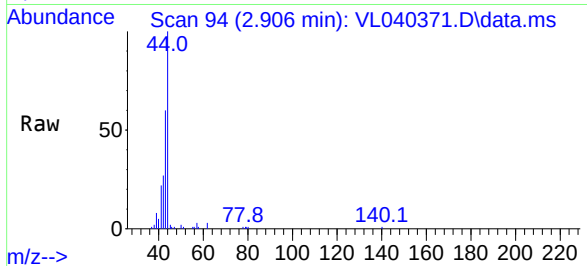




#5
 Vinyl Chloride
 Concen: 0.003 ppbv
 RT: 2.906 min Scan# 94
 Delta R.T. -0.003 min
 Lab File: VL040371.D
 Acq: 13 Apr 2023 23:49

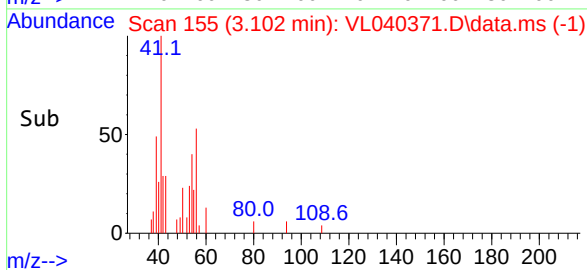
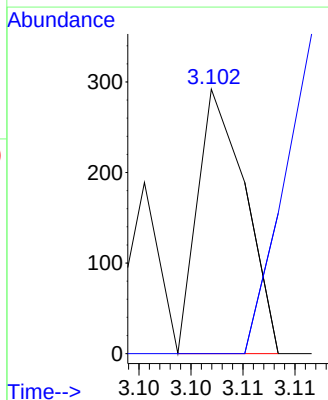
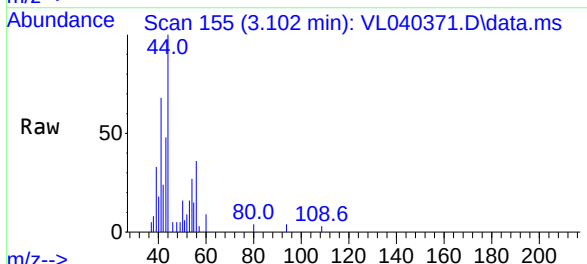
Instrument :
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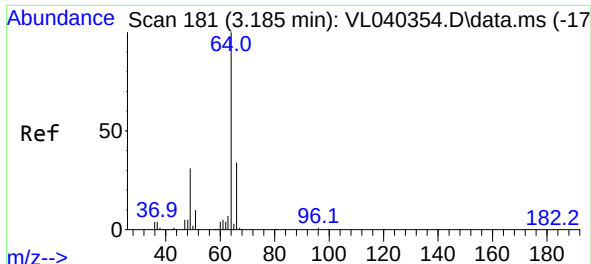
Tgt Ion: 62 Resp: 254
 Ion Ratio Lower Upper
 62 100
 64 0.0 26.3 39.5#



#6
 Bromomethane
 Concen: 0.004 ppbv
 RT: 3.102 min Scan# 155
 Delta R.T. -0.006 min
 Lab File: VL040371.D
 Acq: 13 Apr 2023 23:49

Tgt Ion: 94 Resp: 93
 Ion Ratio Lower Upper
 94 100
 96 0.0 72.6 108.8#

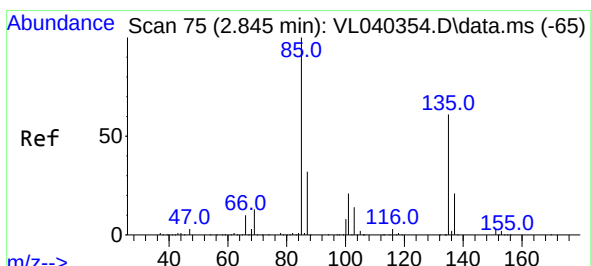
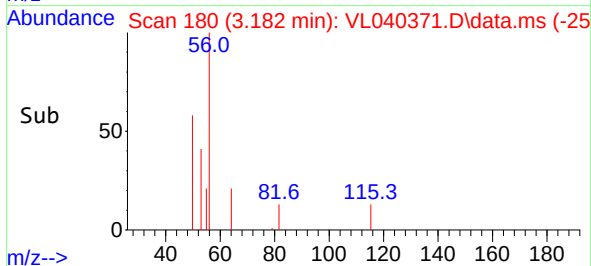
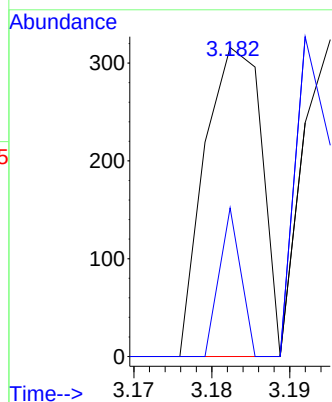
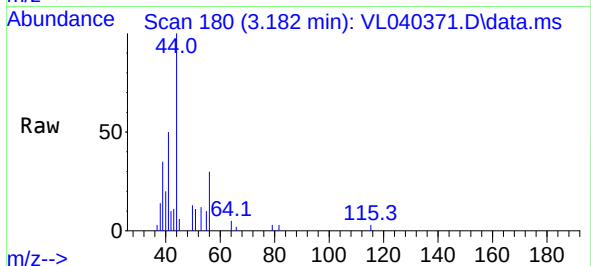




#7
Chloroethane
Concen: 0.006 ppbv
RT: 3.182 min Scan# 11
Delta R.T. -0.003 min
Lab File: VL040371.D
Acq: 13 Apr 2023 23:49

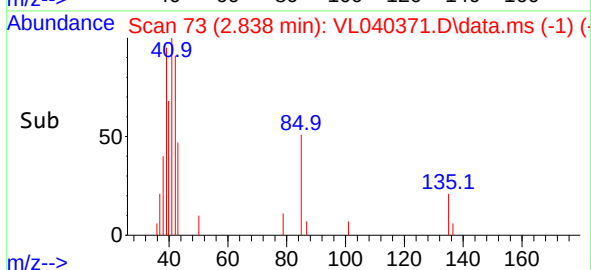
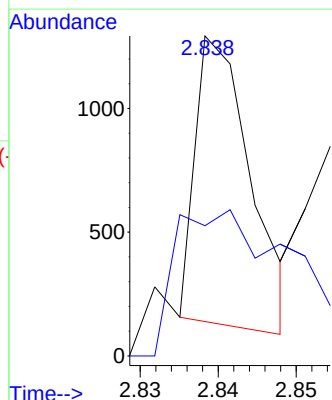
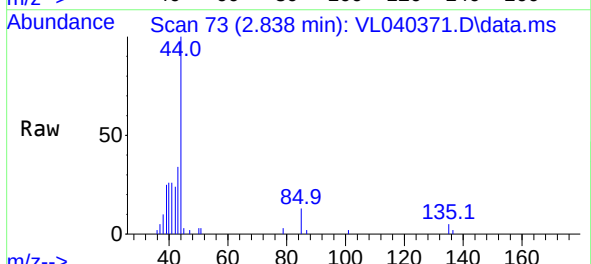
Instrument :
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SV-19-20230412DLDUP

Tgt Ion: 64 Resp: 160
Ion Ratio Lower Upper
64 100
66 48.1 27.5 41.3#

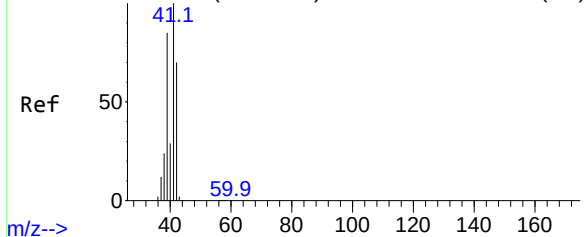


#8
Dichlorotetrafluoroethane
Concen: 0.003 ppbv
RT: 2.838 min Scan# 73
Delta R.T. -0.006 min
Lab File: VL040371.D
Acq: 13 Apr 2023 23:49

Tgt Ion: 85 Resp: 574
Ion Ratio Lower Upper
85 100
135 116.2 50.7 76.1#



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



#9

Propene

Concen: 44.110 ppbv

RT: 2.684 min Scan# 21

Delta R.T. 0.003 min

Lab File: VL040371.D

Acq: 13 Apr 2023 23:49

Instrument :

MSVOA_1

ClientSampleId :

SV-19-20230412DLDUP

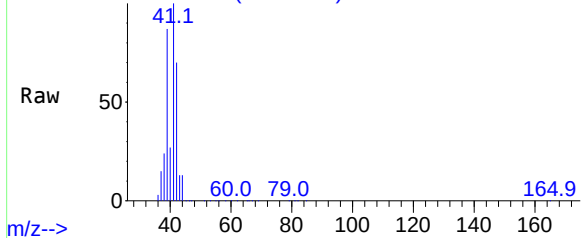
Tgt Ion: 41 Resp: 2430934

Ion Ratio Lower Upper

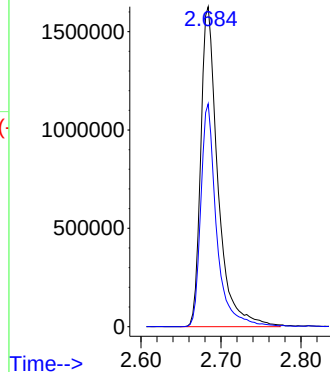
41 100

42 64.3 56.5 84.7

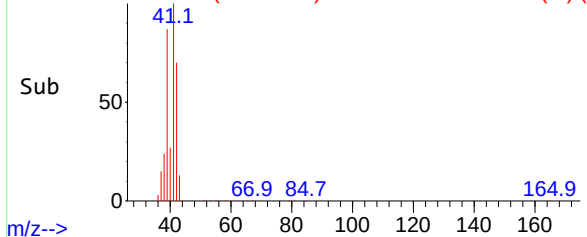
Abundance Scan 25 (2.684 min): VL040371.D\data.ms



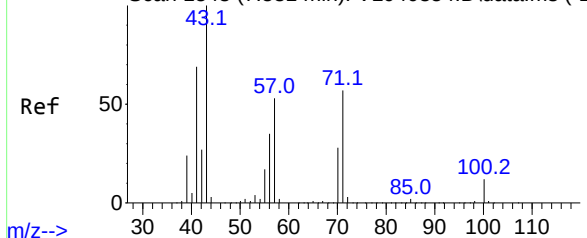
Abundance



Abundance Scan 25 (2.684 min): VL040371.D\data.ms (-1)



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



#10

Heptane

Concen: 1.223 ppbv

RT: 7.584 min Scan# 1549

Delta R.T. 0.003 min

Lab File: VL040371.D

Acq: 13 Apr 2023 23:49

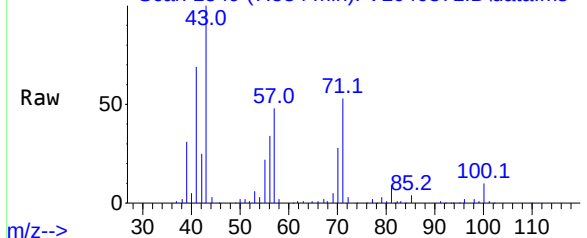
Tgt Ion: 43 Resp: 153207

Ion Ratio Lower Upper

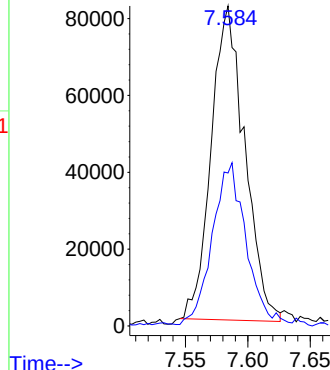
43 100

57 52.0 42.2 63.4

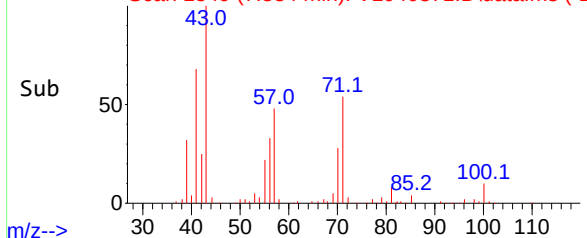
Abundance Scan 1549 (7.584 min): VL040371.D\data.ms

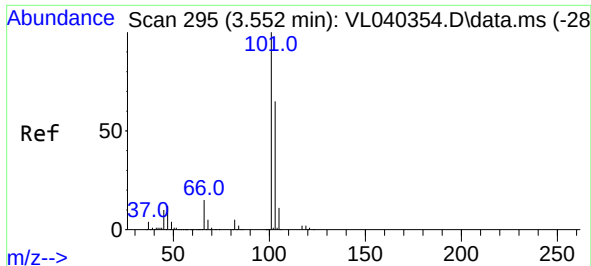


Abundance



Abundance Scan 1549 (7.584 min): VL040371.D\data.ms (-1)

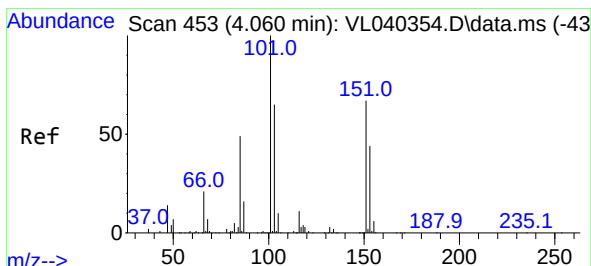
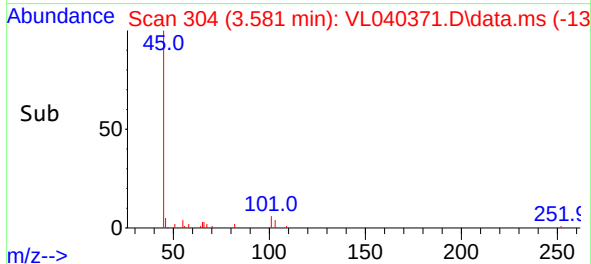
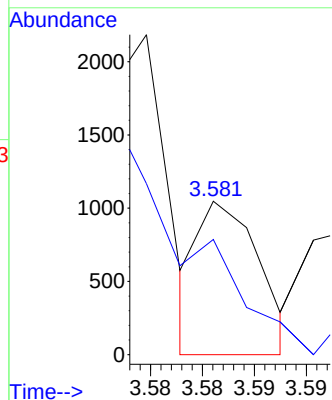
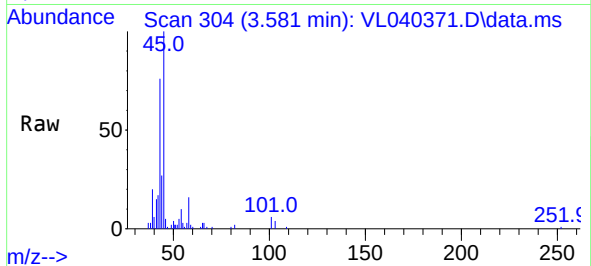




#11
 Trichlorofluoromethane
 Concen: 0.002 ppbv
 RT: 3.581 min Scan# 304
 Delta R.T. 0.029 min
 Lab File: VL040371.D
 Acq: 13 Apr 2023 23:49

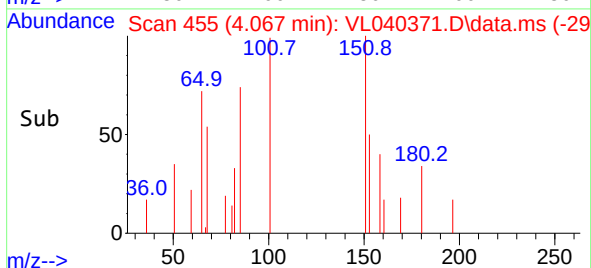
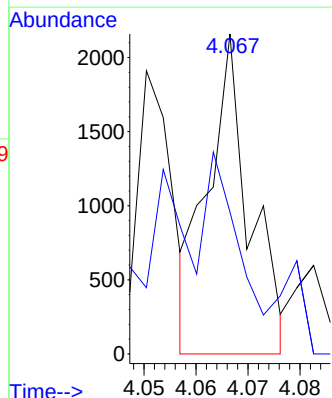
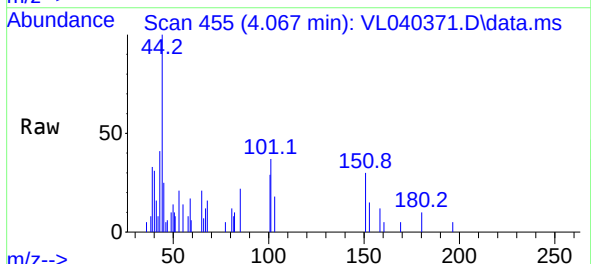
Instrument :
 MSVOA_L
 ClientSampleId :
 SV-19-20230412DLDUP

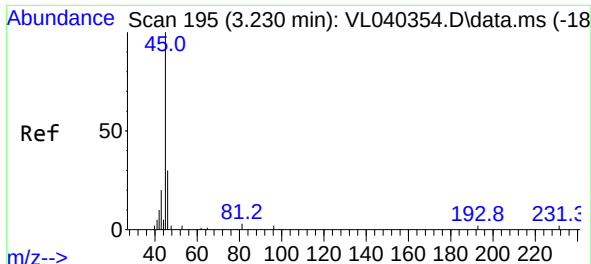
Tgt Ion:101 Resp: 425
 Ion Ratio Lower Upper
 101 100
 103 74.0 52.2 78.4



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.009 ppbv
 RT: 4.067 min Scan# 455
 Delta R.T. 0.007 min
 Lab File: VL040371.D
 Acq: 13 Apr 2023 23:49

Tgt Ion:101 Resp: 1207
 Ion Ratio Lower Upper
 101 100
 151 155.2 54.7 82.1#





#13

Ethanol

Concen: 28.318 ppbv

RT: 3.234 min Scan# 195

Delta R.T. 0.003 min

Lab File: VL040371.D

Acq: 13 Apr 2023 23:49

Instrument :

MSVOA_L

ClientSampleId :

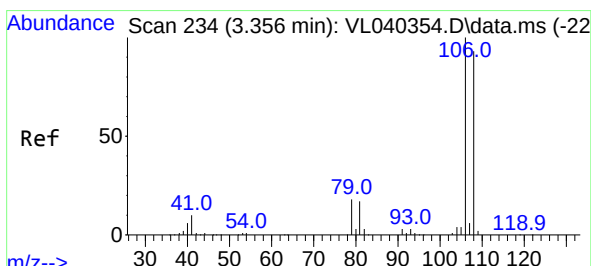
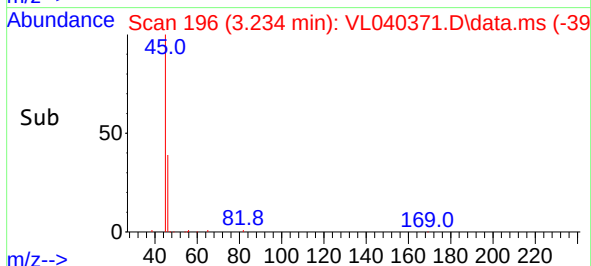
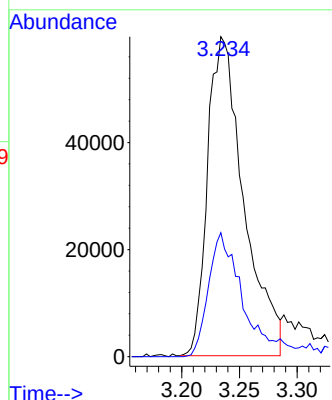
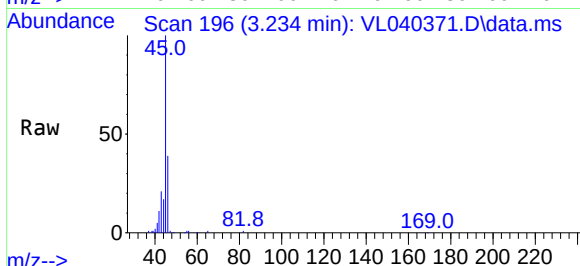
SV-19-20230412DLDUP

Tgt Ion: 45 Resp: 130283

Ion Ratio Lower Upper

45 100

46 41.7 15.3 61.3



#14

Bromoethene

Concen: 0.002 ppbv

RT: 3.507 min Scan# 281

Delta R.T. 0.151 min

Lab File: VL040371.D

Acq: 13 Apr 2023 23:49

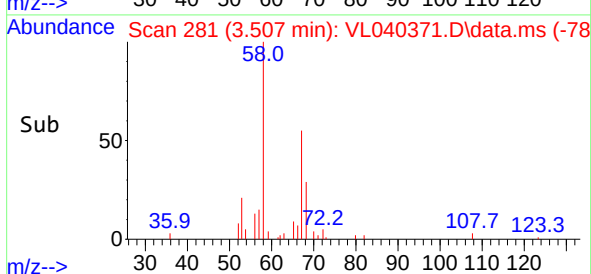
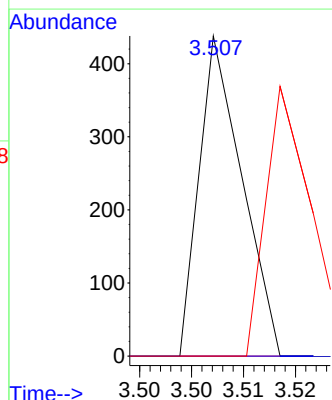
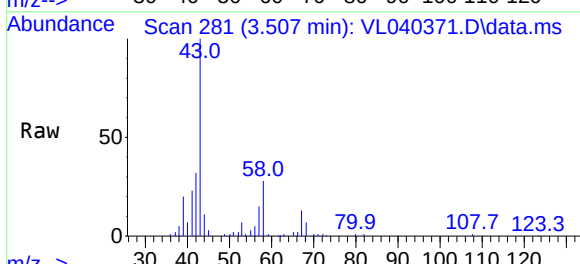
Tgt Ion: 108 Resp: 126

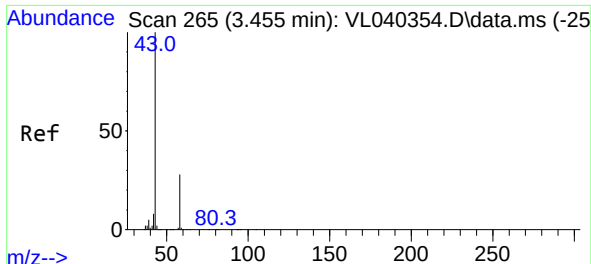
Ion Ratio Lower Upper

108 100

106 0.0 88.3 132.5#

79 119.8 16.1 24.1#

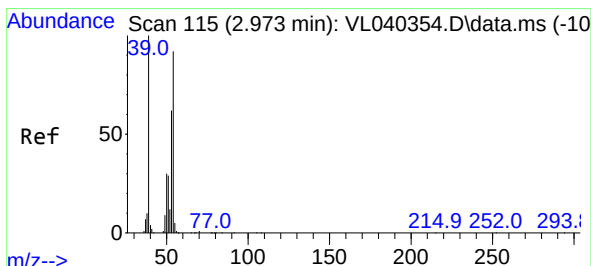
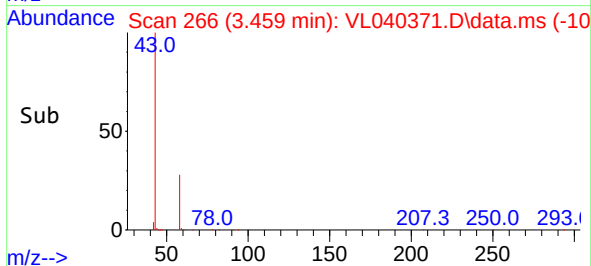
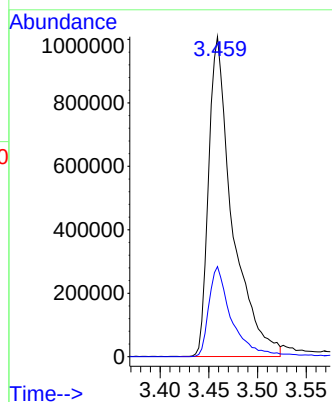
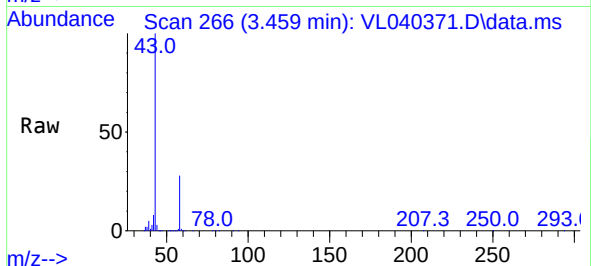




#15
Acetone
Concen: 11.247 ppbv
RT: 3.459 min Scan# 210
Delta R.T. 0.003 min
Lab File: VL040371.D
Acq: 13 Apr 2023 23:49

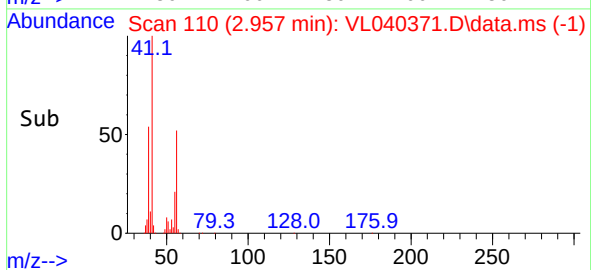
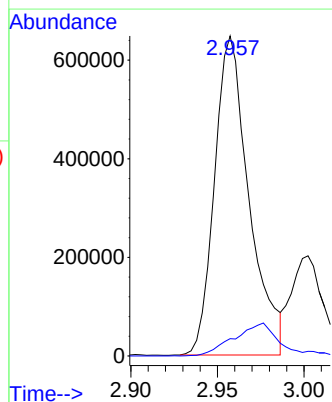
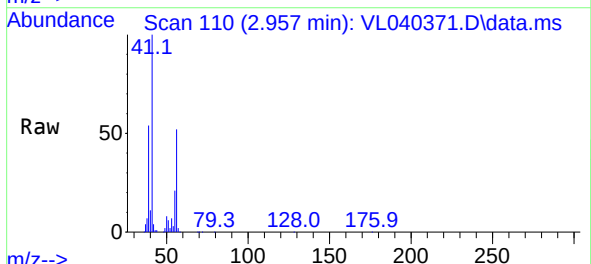
Instrument :
MSVOA_L
ClientSampleId :
SV-19-20230412DLDUP

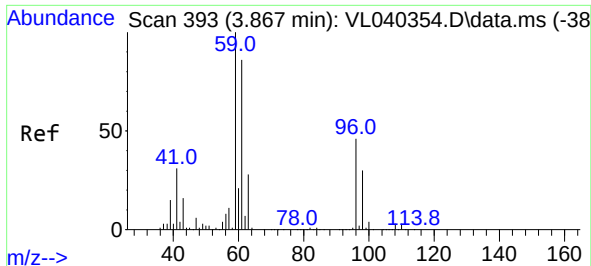
Tgt Ion: 43 Resp: 1700521
Ion Ratio Lower Upper
43 100
58 28.1 22.2 33.2



#16
1,3-Butadiene
Concen: 14.370 ppbv
RT: 2.957 min Scan# 110
Delta R.T. -0.016 min
Lab File: VL040371.D
Acq: 13 Apr 2023 23:49

Tgt Ion: 39 Resp: 899223
Ion Ratio Lower Upper
39 100
54 13.6 68.8 103.2#





#17

tert-Butyl alcohol

Concen: 0.998 ppbv

RT: 3.877 min Scan# 396

Delta R.T. 0.010 min

Lab File: VL040371.D

Acq: 13 Apr 2023 23:49

Instrument :

MSVOA_L

ClientSampleId :

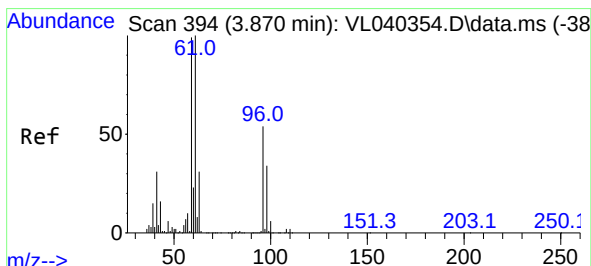
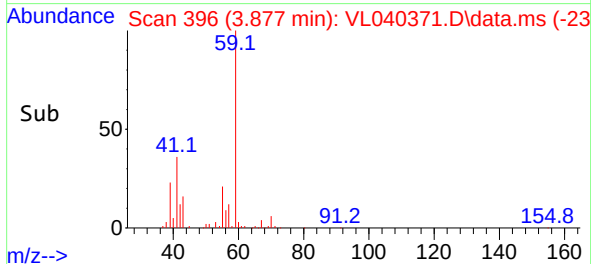
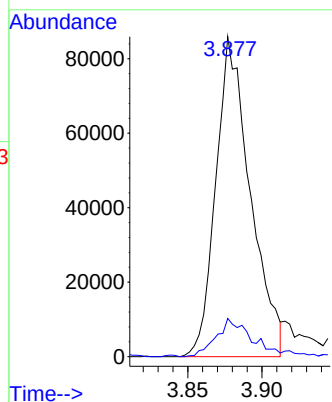
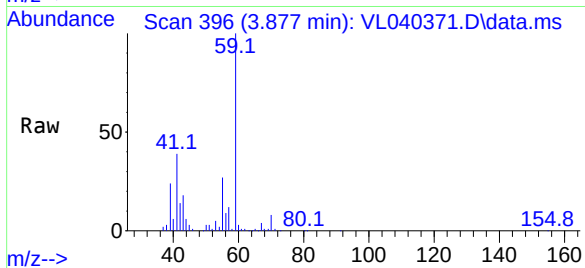
SV-19-20230412DLDUP

Tgt Ion: 59 Resp: 138545

Ion Ratio Lower Upper

59 100

57 14.0 8.5 12.7#



#18

1,1-Dichloroethene

Concen: 0.003 ppbv

RT: 3.870 min Scan# 394

Delta R.T. 0.000 min

Lab File: VL040371.D

Acq: 13 Apr 2023 23:49

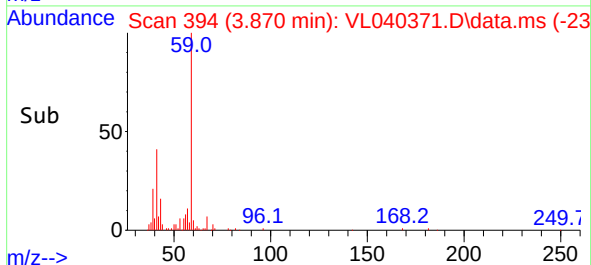
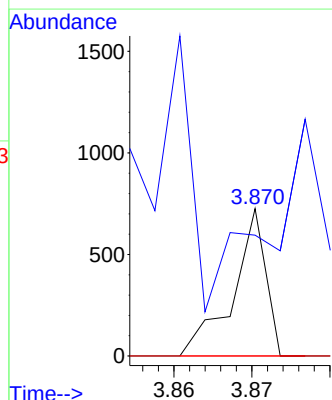
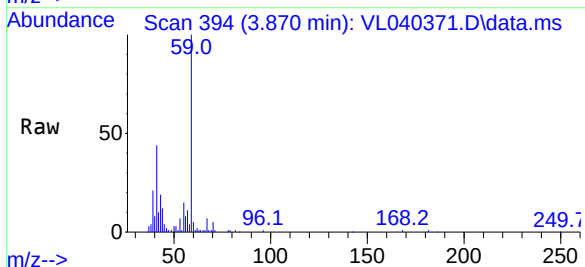
Tgt Ion: 96 Resp: 212

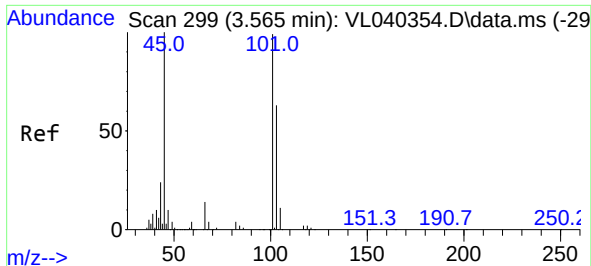
Ion Ratio Lower Upper

96 100

61 10.6 148.3 222.5#

98 0.0 49.8 74.8#





#19

Isopropyl Alcohol

Concen: 0.519 ppbv

RT: 3.571 min Scan# 301

Delta R.T. 0.007 min

Lab File: VL040371.D

Acq: 13 Apr 2023 23:49

Instrument :

MSVOA_L

ClientSampleId :

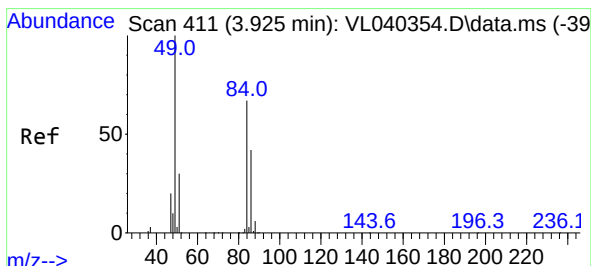
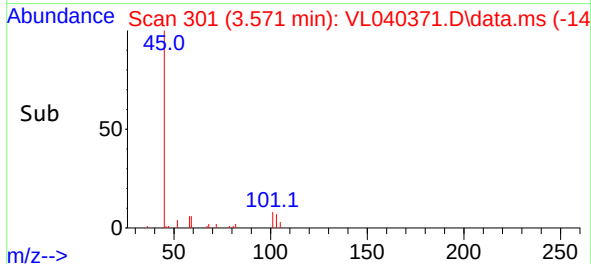
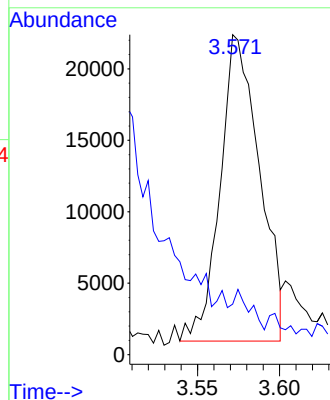
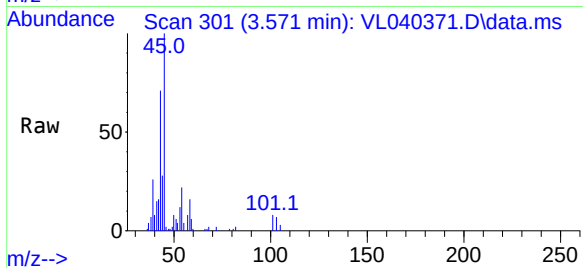
SV-19-20230412DLDUP

Tgt Ion: 45 Resp: 35823

Ion Ratio Lower Upper

45 100

58 0.0 2.6 4.0#



#20

Methylene Chloride

Concen: 0.384 ppbv

RT: 3.928 min Scan# 412

Delta R.T. 0.003 min

Lab File: VL040371.D

Acq: 13 Apr 2023 23:49

Tgt Ion: 84 Resp: 23184

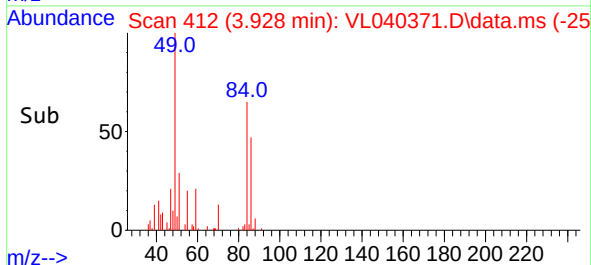
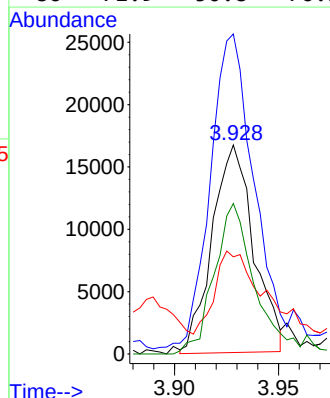
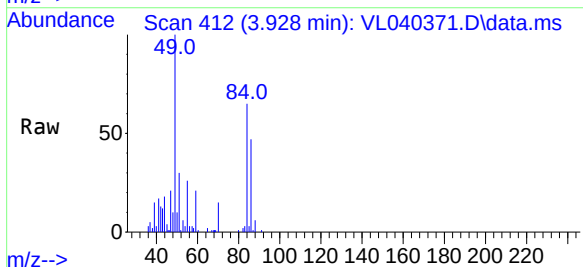
Ion Ratio Lower Upper

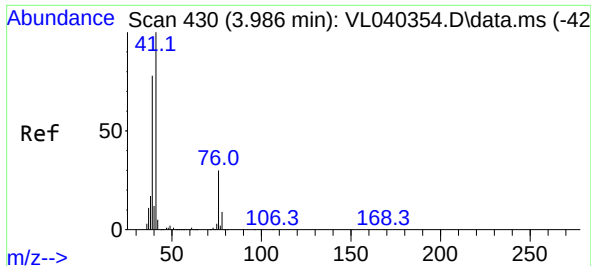
84 100

49 151.0 120.1 180.1

51 33.8 36.3 54.5#

86 71.9 50.8 76.2





#21

Allyl Chloride

Concen: 0.040 ppbv

RT: 3.983 min Scan# 41

Delta R.T. -0.003 min

Lab File: VL040371.D

Acq: 13 Apr 2023 23:49

Instrument :

MSVOA_L

ClientSampleId :

SV-19-20230412DLDUP

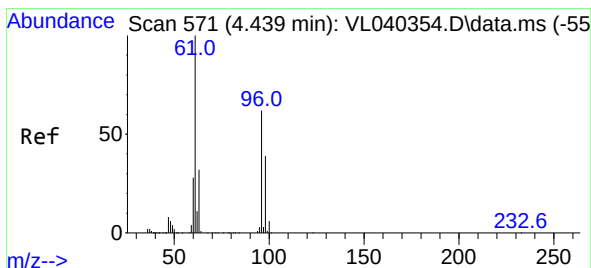
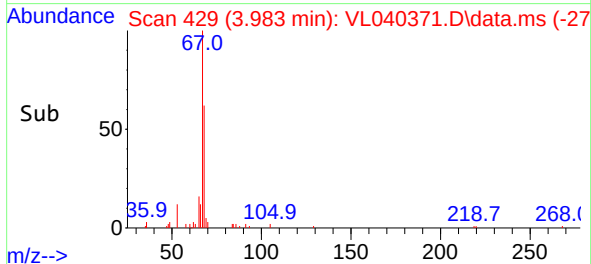
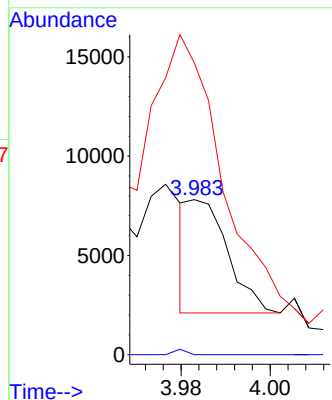
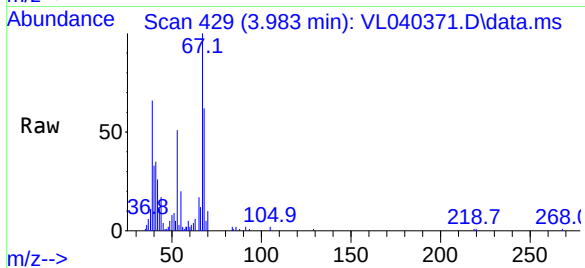
Tgt Ion: 41 Resp: 3479

Ion Ratio Lower Upper

41 100

76 0.0 25.5 38.3#

39 590.0 64.0 96.0#



#22

trans-1,2-Dichloroethene

Concen: 0.001 ppbv

RT: 4.478 min Scan# 583

Delta R.T. 0.039 min

Lab File: VL040371.D

Acq: 13 Apr 2023 23:49

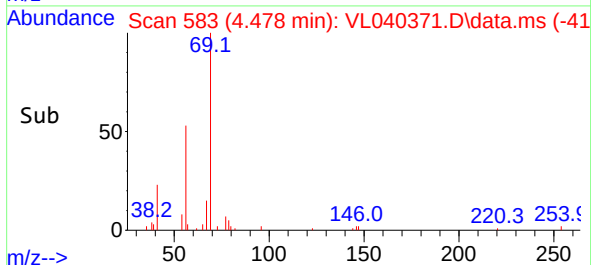
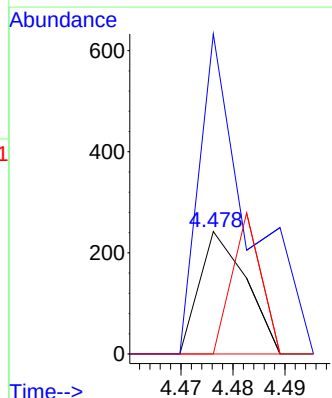
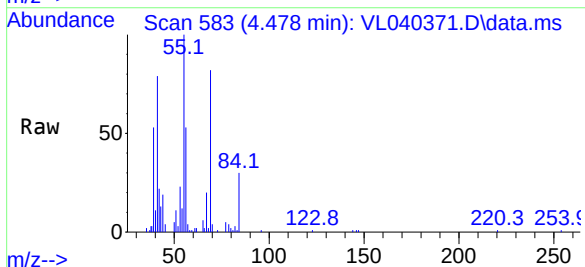
Tgt Ion: 96 Resp: 76

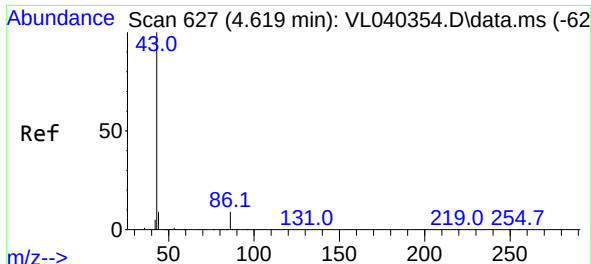
Ion Ratio Lower Upper

96 100

61 261.6 129.4 194.2#

98 0.0 51.0 76.4#





#23

Vinyl Acetate

Concen: 0.729 ppbv

RT: 4.610 min Scan# 61

Delta R.T. -0.010 min

Lab File: VL040371.D

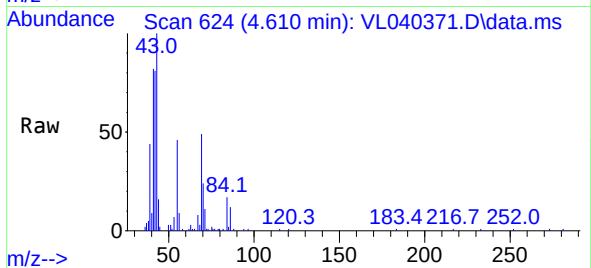
Acq: 13 Apr 2023 23:49

Instrument :

MSVOA_L

ClientSampleId :

SV-19-20230412DLDUP



Tgt Ion: 43 Resp: 28057

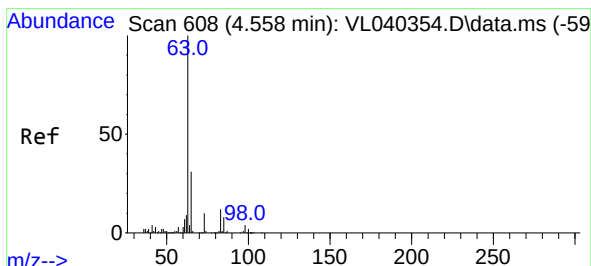
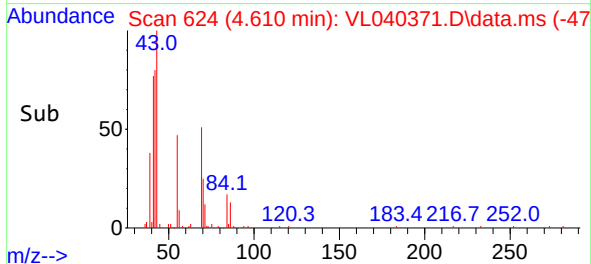
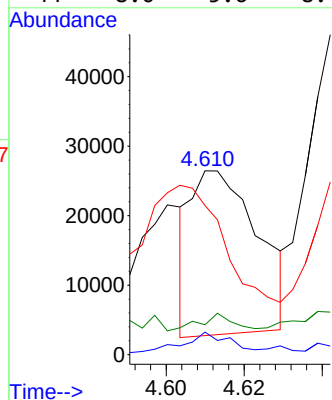
Ion Ratio Lower Upper

43 100

86 17.3 6.0 9.0#

42 120.9 6.4 9.6#

44 8.0 5.6 8.4



#24

1,1-Dichloroethane

Concen: 0.001 ppbv

RT: 4.562 min Scan# 609

Delta R.T. 0.003 min

Lab File: VL040371.D

Acq: 13 Apr 2023 23:49

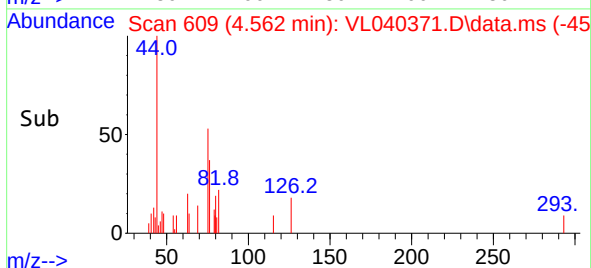
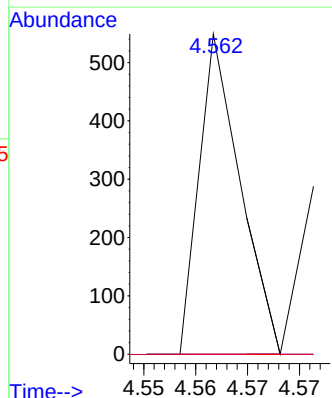
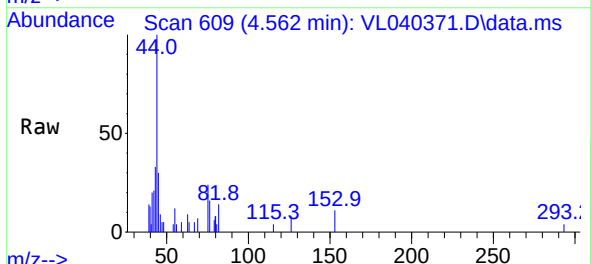
Tgt Ion: 63 Resp: 151

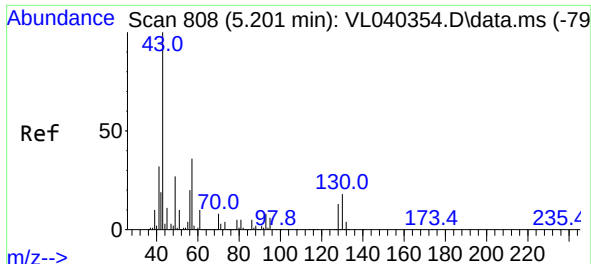
Ion Ratio Lower Upper

63 100

98 0.0 2.1 6.2#

100 0.0 1.2 3.6#



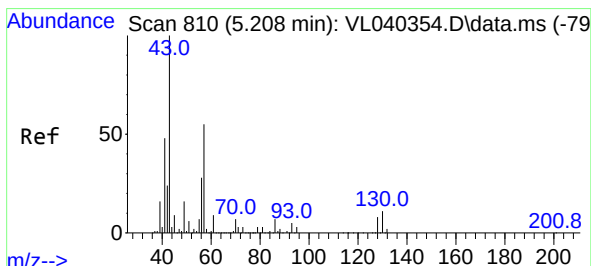
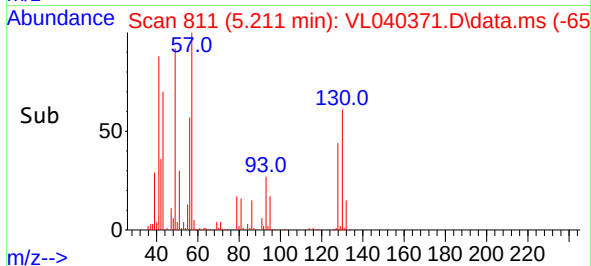
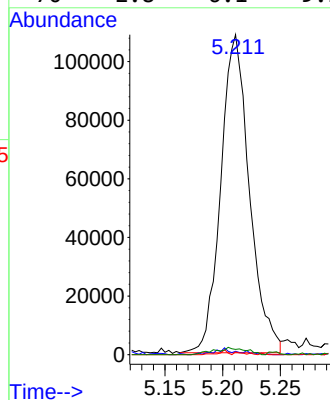
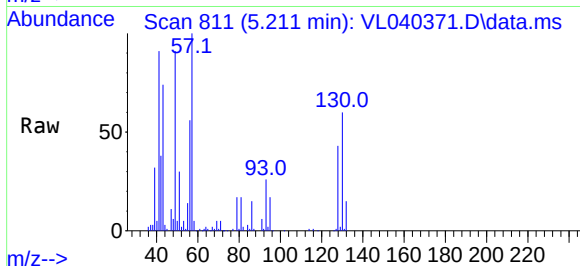


#25
Ethyl Acetate
Concen: 0.736 ppbv
RT: 5.211 min Scan# 811
Delta R.T. 0.010 min
Lab File: VL040371.D
Acq: 13 Apr 2023 23:49

Instrument :
MSVOA_L
ClientSampleId :
SV-19-20230412DLDUP

Tgt Ion: 43 Resp: 187369

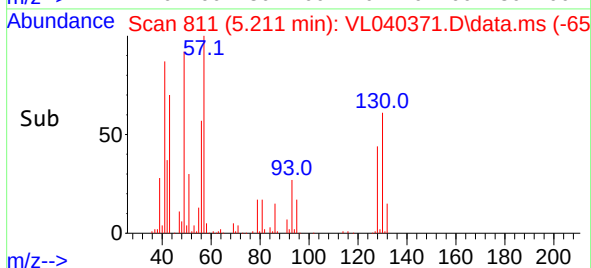
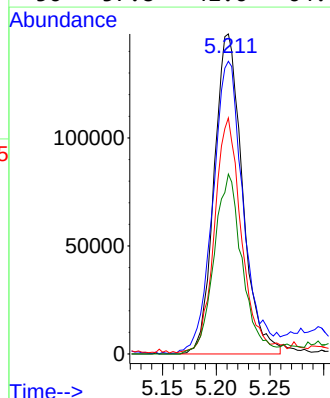
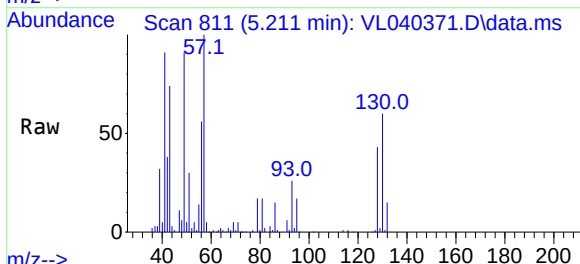
Ion	Ratio	Lower	Upper
43	100		
45	1.6	8.5	12.7#
61	0.8	8.5	12.7#
70	2.8	6.1	9.1#

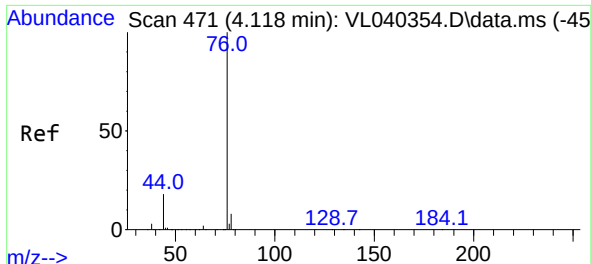


#26
Hexane
Concen: 2.518 ppbv
RT: 5.211 min Scan# 811
Delta R.T. 0.003 min
Lab File: VL040371.D
Acq: 13 Apr 2023 23:49

Tgt Ion: 57 Resp: 270065

Ion	Ratio	Lower	Upper
57	100		
41	100.6	74.8	112.2
43	72.9	192.7	289.1#
56	57.8	42.6	64.0

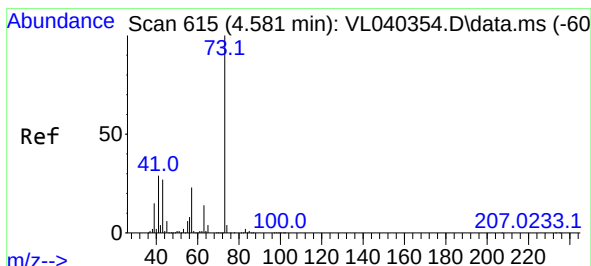
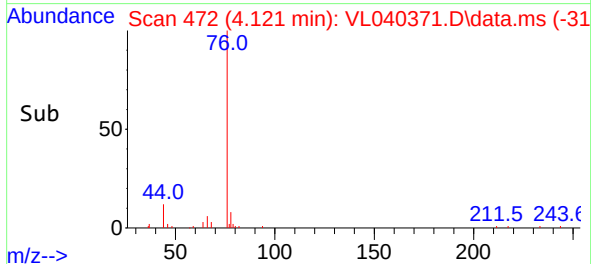
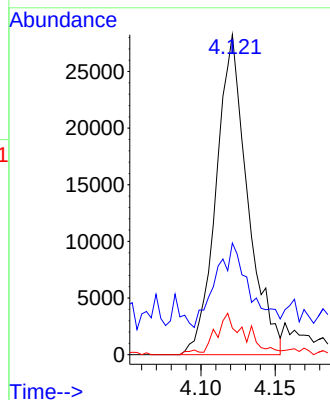
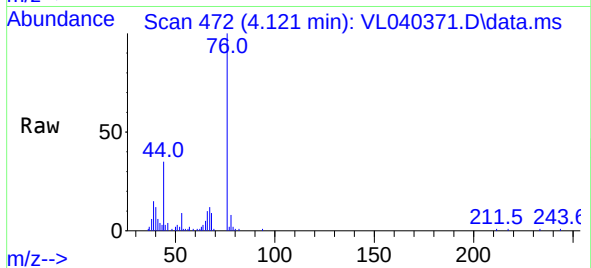




#27
Carbon Disulfide
Concen: 0.300 ppbv
RT: 4.121 min Scan# 41
Delta R.T. 0.003 min
Lab File: VL040371.D
Acq: 13 Apr 2023 23:49

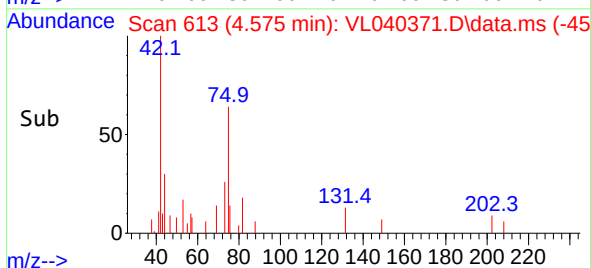
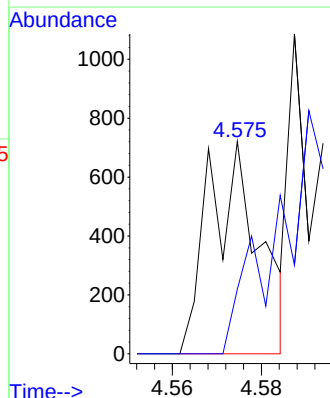
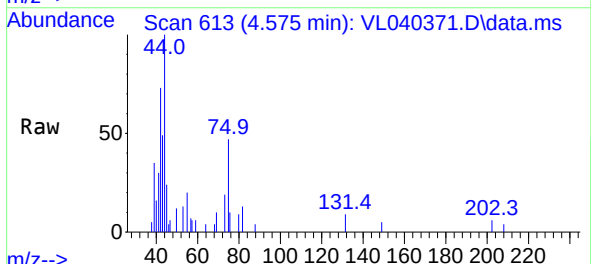
Instrument :
MSVOA_L
ClientSampleId :
SV-19-20230412DLDUP

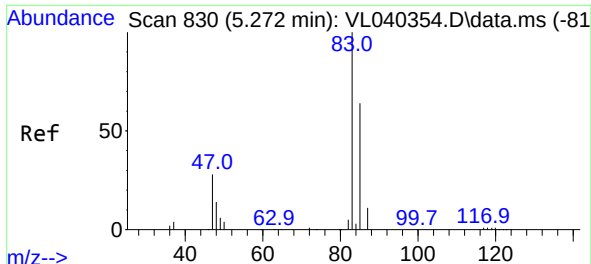
Tgt Ion: 76 Resp: 41640
Ion Ratio Lower Upper
76 100
44 29.9 14.7 22.1#
78 13.6 7.7 11.5#



#28
Methyl tert-Butyl Ether
Concen: 0.005 ppbv
RT: 4.575 min Scan# 613
Delta R.T. -0.006 min
Lab File: VL040371.D
Acq: 13 Apr 2023 23:49

Tgt Ion: 73 Resp: 562
Ion Ratio Lower Upper
73 100
57 0.0 18.6 27.8#





#29

Chloroform

Concen: 0.001 ppbv

RT: 5.314 min Scan# 84

Delta R.T. 0.042 min

Lab File: VL040371.D

Acq: 13 Apr 2023 23:49

Instrument :

MSVOA_L

ClientSampleId :

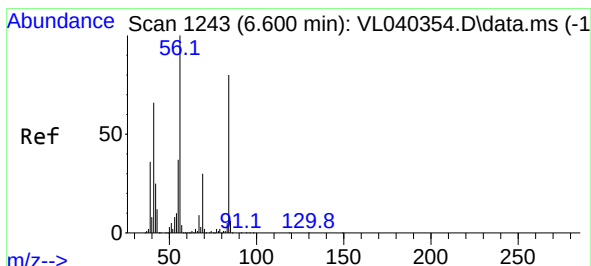
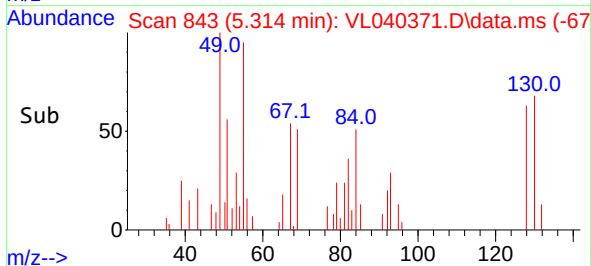
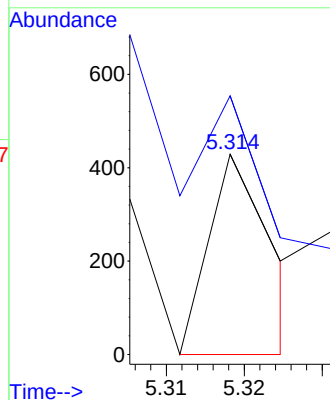
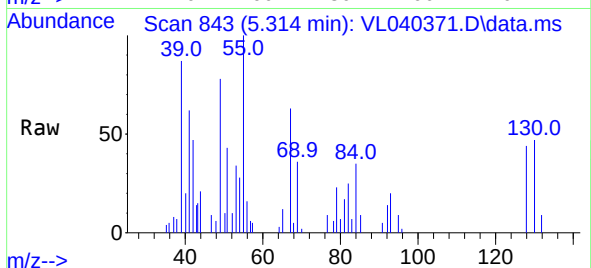
SV-19-20230412DLDUP

Tgt Ion: 83 Resp: 121

Ion Ratio Lower Upper

83 100

85 70.9 51.0 76.4



#30

Cyclohexane

Concen: 0.196 ppbv

RT: 6.603 min Scan# 1244

Delta R.T. 0.003 min

Lab File: VL040371.D

Acq: 13 Apr 2023 23:49

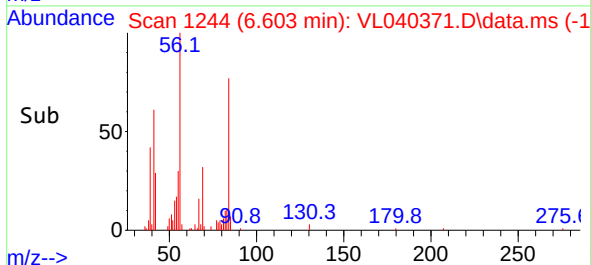
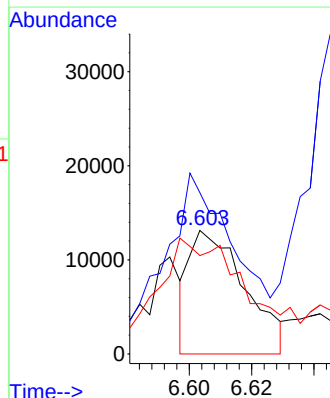
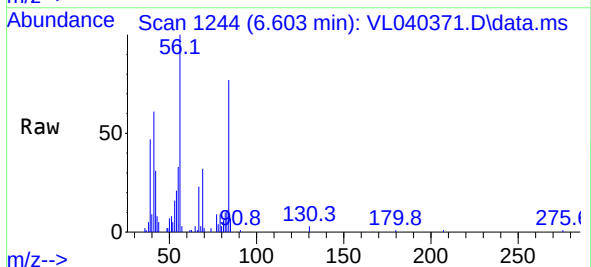
Tgt Ion: 84 Resp: 16303

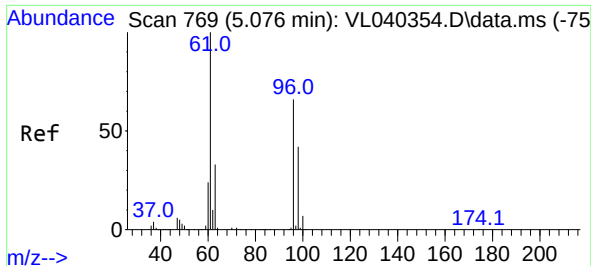
Ion Ratio Lower Upper

84 100

56 205.6 107.0 160.6#

41 136.6 66.7 100.1#

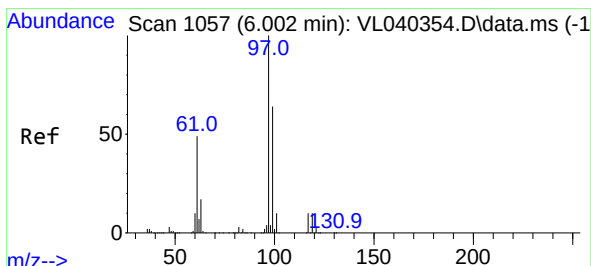
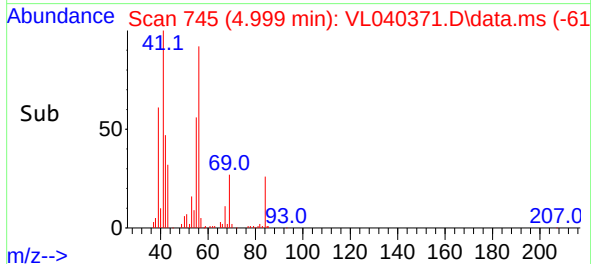
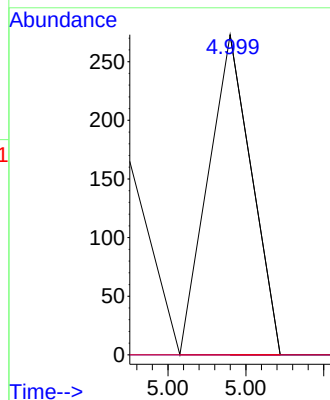
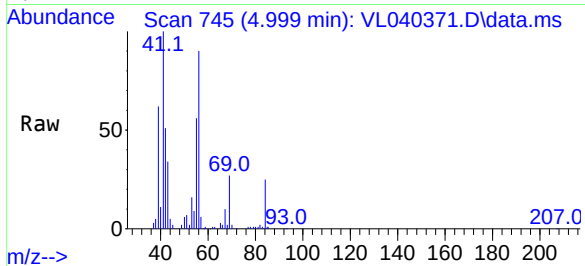




#31
 cis-1,2-Dichloroethene
 Concen: 0.000 ppbv
 RT: 4.999 min Scan# 74
 Delta R.T. -0.077 min
 Lab File: VL040371.D
 Acq: 13 Apr 2023 23:49

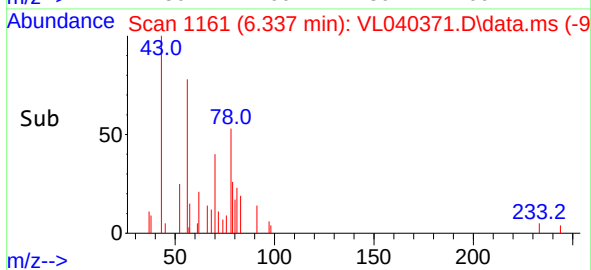
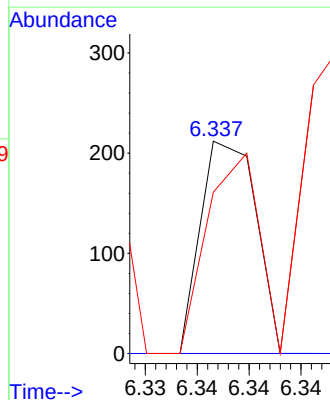
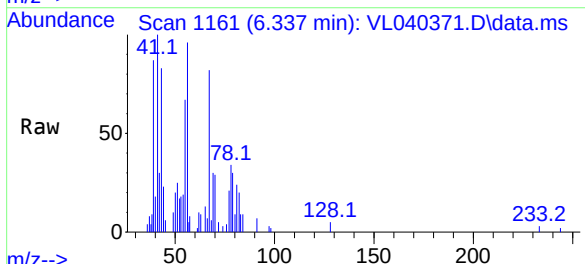
Instrument :
 MSVOA_1
 ClientSampleId :
 SV-19-20230412DLDUP

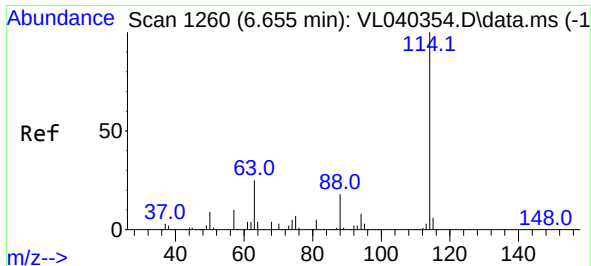
Tgt Ion: 61 Resp: 53
 Ion Ratio Lower Upper
 61 100
 96 0.0 53.0 79.4#
 98 0.0 33.8 50.8#



#32
 1,1,1-Trichloroethane
 Concen: 0.000 ppbv
 RT: 6.337 min Scan# 1161
 Delta R.T. 0.335 min
 Lab File: VL040371.D
 Acq: 13 Apr 2023 23:49

Tgt Ion: 97 Resp: 79
 Ion Ratio Lower Upper
 97 100
 99 64.6 51.8 77.8
 61 3555.7 40.4 60.6#





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.655 min Scan# 11

Delta R.T. 0.000 min

Lab File: VL040371.D

Acq: 13 Apr 2023 23:49

Instrument :

MSVOA_L

ClientSampleId :

SV-19-20230412DLDUP

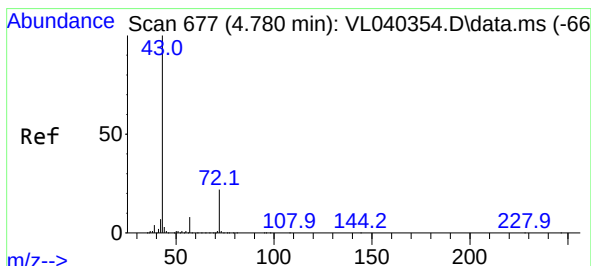
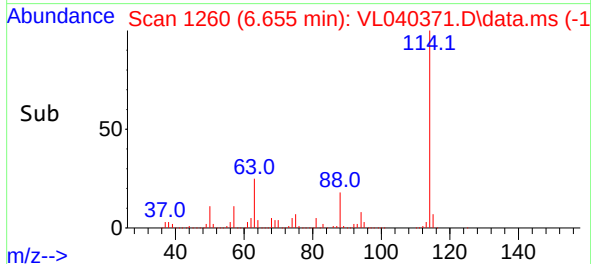
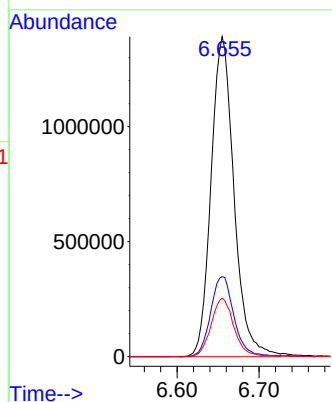
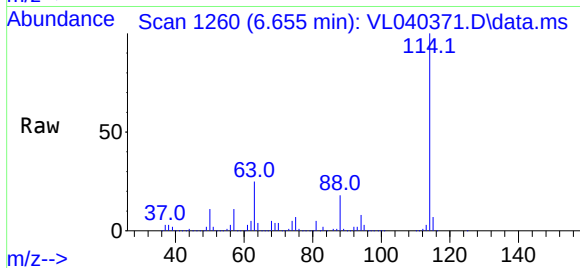
Tgt Ion:114 Resp: 2705617

Ion Ratio Lower Upper

114 100

63 25.8 21.4 32.0

88 18.3 14.6 22.0



#34

2-Butanone

Concen: 2.444 ppbv

RT: 4.787 min Scan# 679

Delta R.T. 0.007 min

Lab File: VL040371.D

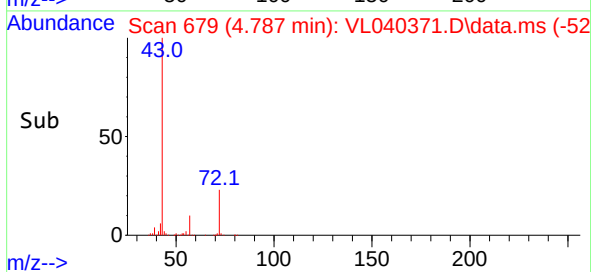
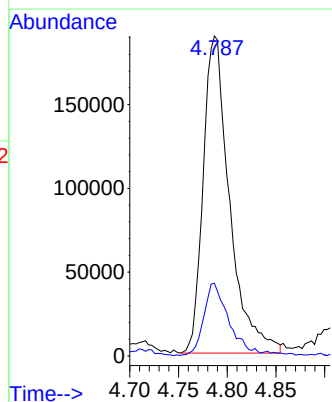
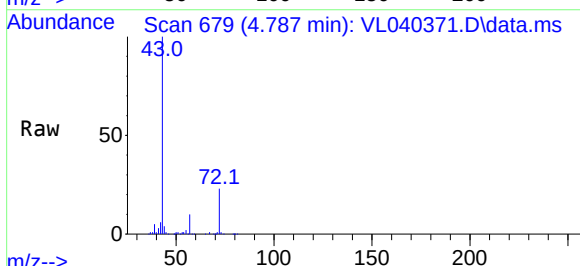
Acq: 13 Apr 2023 23:49

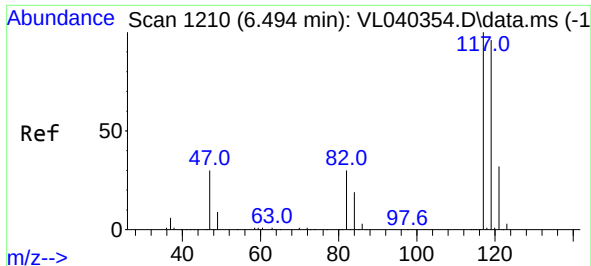
Tgt Ion: 43 Resp: 356624

Ion Ratio Lower Upper

43 100

72 22.6 18.4 27.6

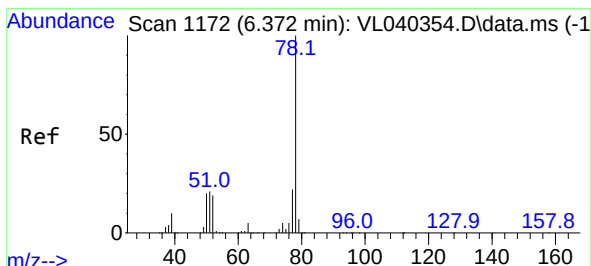
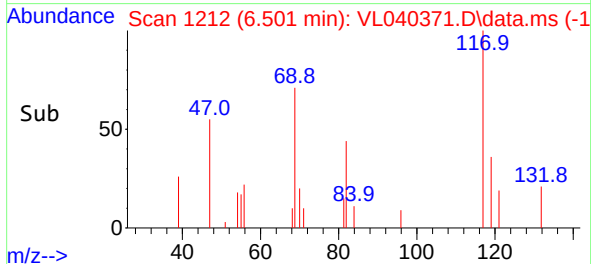
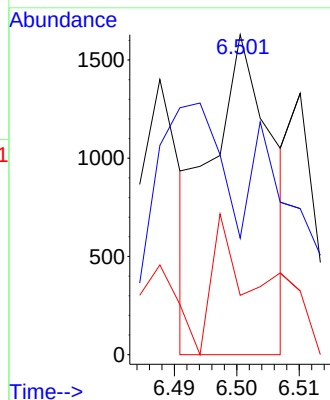
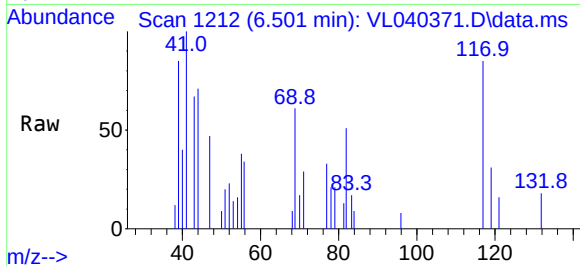




#35
Carbon Tetrachloride
Concen: 0.006 ppbv
RT: 6.501 min Scan# 1171
Delta R.T. 0.007 min
Lab File: VL040371.D
Acq: 13 Apr 2023 23:49

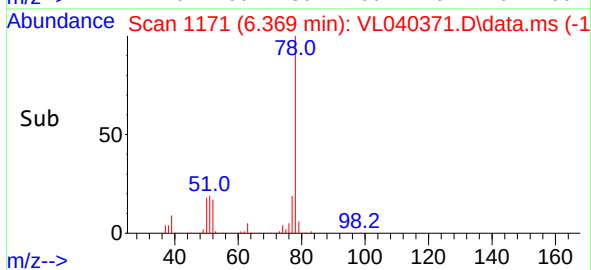
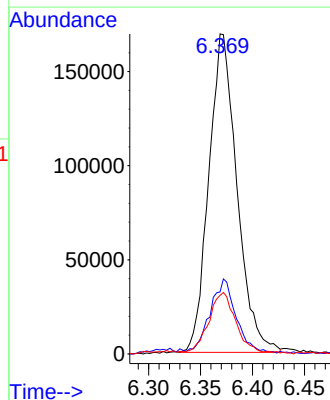
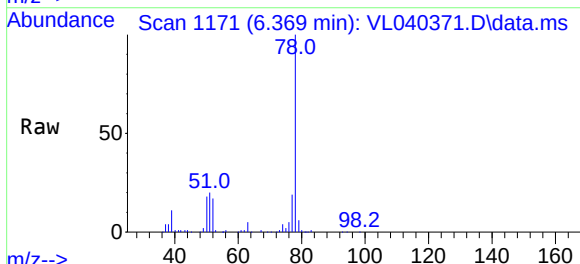
Instrument :
MSVOA_L
ClientSampleId :
SV-19-20230412DLDUP

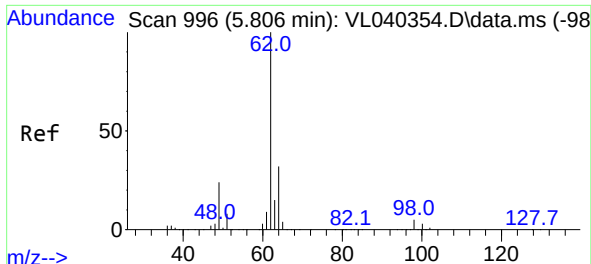
Tgt Ion:117 Resp: 1129
Ion Ratio Lower Upper
117 100
119 0.0 76.6 114.8#
121 6.6 25.3 37.9#



#36
Benzene
Concen: 1.445 ppbv
RT: 6.369 min Scan# 1171
Delta R.T. -0.003 min
Lab File: VL040371.D
Acq: 13 Apr 2023 23:49

Tgt Ion: 78 Resp: 319008
Ion Ratio Lower Upper
78 100
77 18.7 17.8 26.8
50 18.1 15.6 23.4





#37

1,2-Dichloroethane

Concen: 0.005 ppbv

RT: 5.803 min Scan# 996

Delta R.T. -0.003 min

Lab File: VL040371.D

Acq: 13 Apr 2023 23:49

Instrument :

MSVOA_L

ClientSampleId :

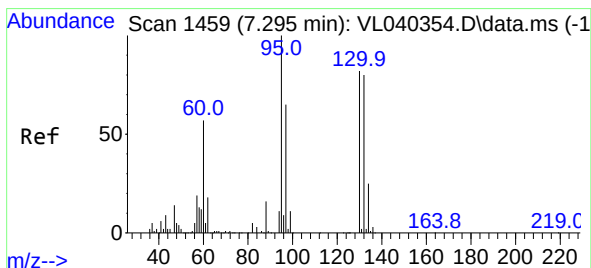
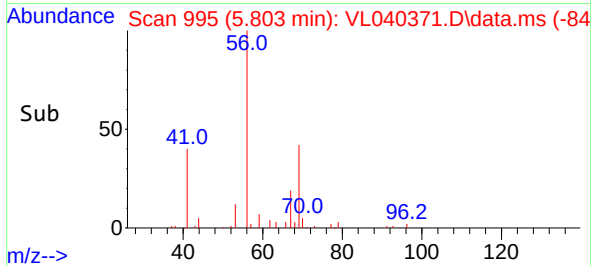
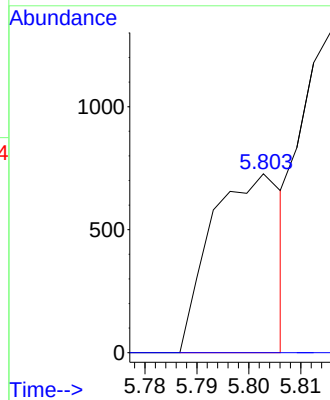
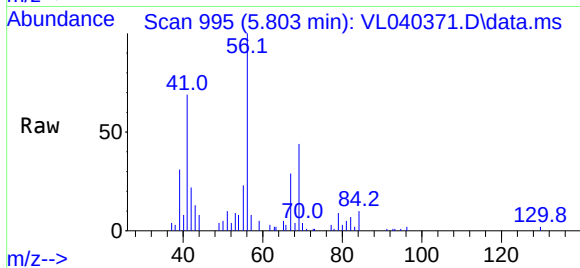
SV-19-20230412DLDUP

Tgt Ion: 62 Resp: 689

Ion Ratio Lower Upper

62 100

98 0.0 4.4 6.6#



#38

Trichloroethene

Concen: 0.000 ppbv

RT: 7.279 min Scan# 1454

Delta R.T. -0.016 min

Lab File: VL040371.D

Acq: 13 Apr 2023 23:49

Tgt Ion:130 Resp: 43

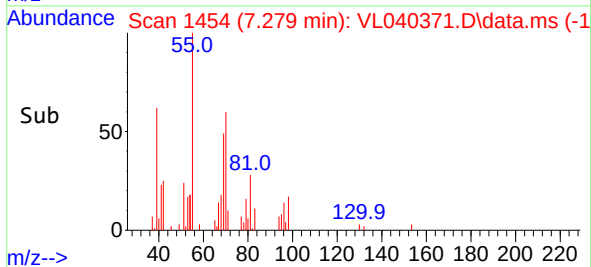
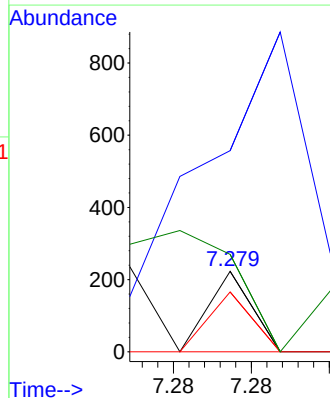
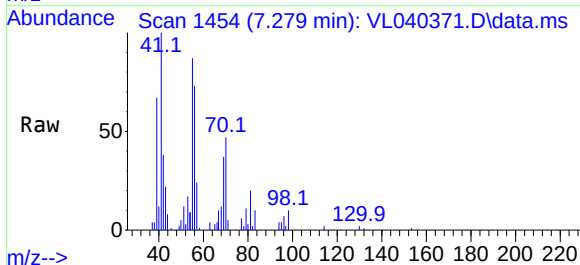
Ion Ratio Lower Upper

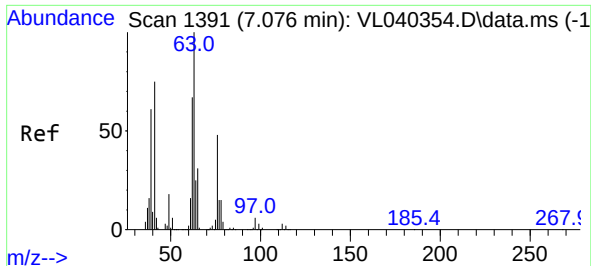
130 100

95 31.8 97.4 146.0#

132 74.4 77.5 116.3#

97 121.1 63.0 94.4#





#39

1,2-Dichloropropane

Concen: 7.925 ppbv

RT: 6.655 min Scan# 11

Delta R.T. -0.421 min

Lab File: VL040371.D

Acq: 13 Apr 2023 23:49

Instrument :

MSVOA_L

ClientSampleId :

SV-19-20230412DLDUP

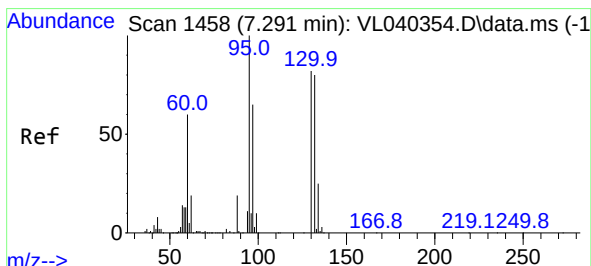
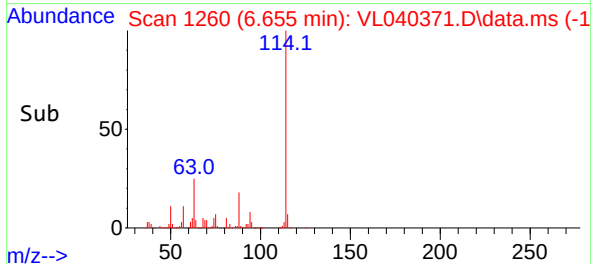
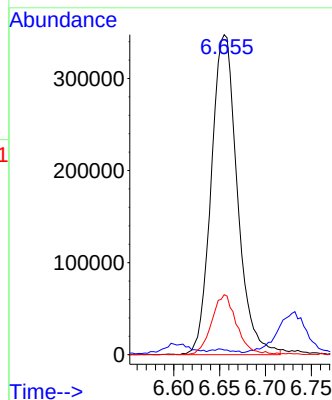
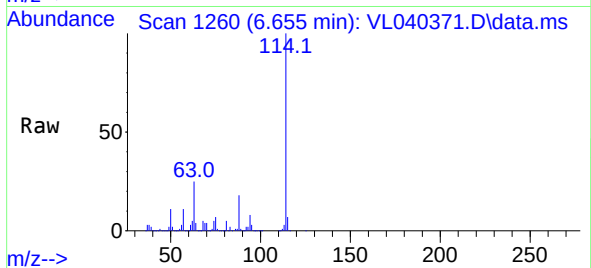
Tgt Ion: 63 Resp: 688313

Ion Ratio Lower Upper

63 100

41 0.0 59.6 89.4#

62 18.7 53.9 80.9#



#40

1,4-Dioxane

Concen: 0.001 ppbv

RT: 7.343 min Scan# 1474

Delta R.T. 0.052 min

Lab File: VL040371.D

Acq: 13 Apr 2023 23:49

Tgt Ion: 88 Resp: 34

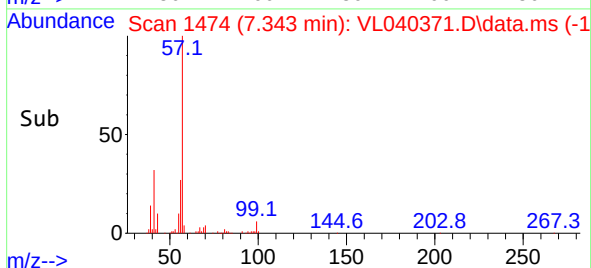
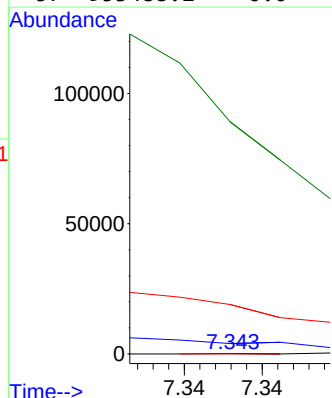
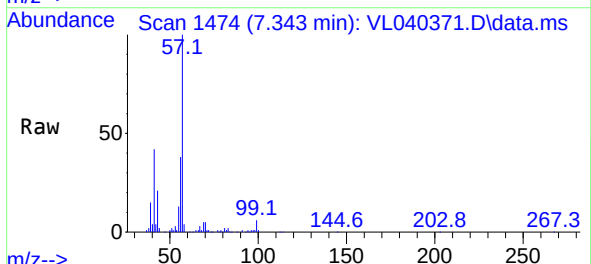
Ion Ratio Lower Upper

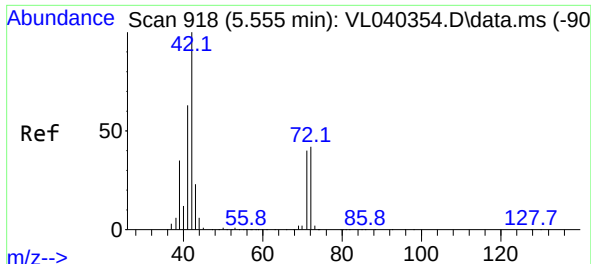
88 100

58 43026.5 100.8 151.2#

43 178344.1 0.0 0.0#

57 953488.2 0.0 0.0#

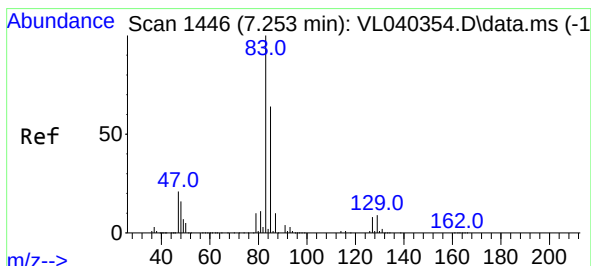
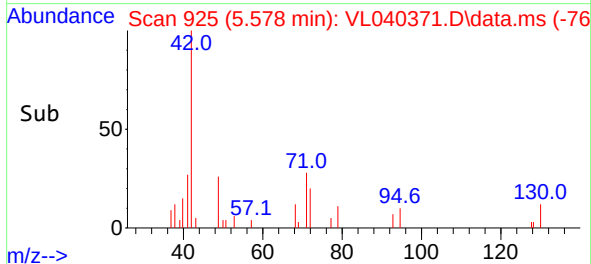
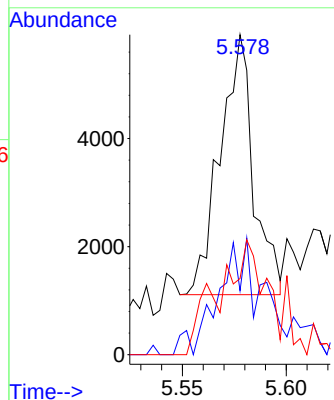
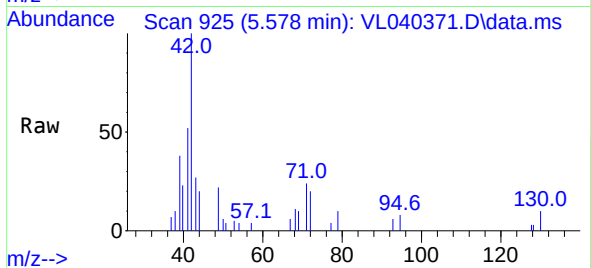




#41
Tetrahydrofuran
Concen: 0.067 ppbv
RT: 5.578 min Scan# 918
Delta R.T. 0.023 min
Lab File: VL040371.D
Acq: 13 Apr 2023 23:49

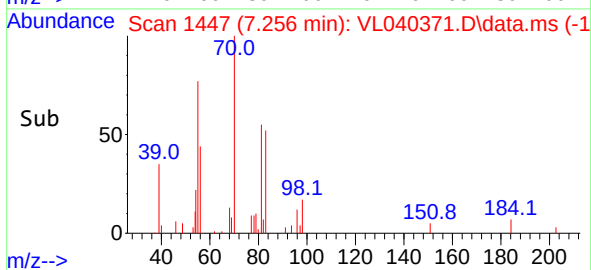
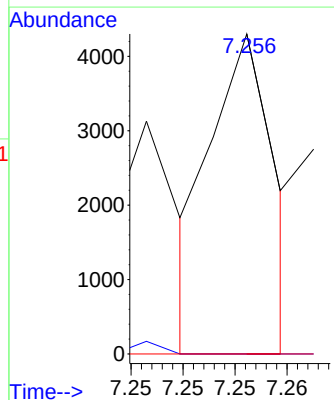
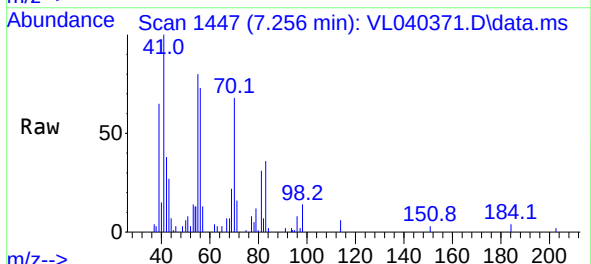
Instrument :
MSVOA_1
ClientSampleId :
SV-19-20230412DLDUP

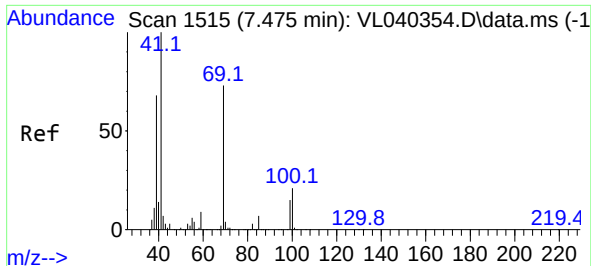
Tgt Ion: 42 Resp: 5366
Ion Ratio Lower Upper
42 100
72 73.2 33.7 50.5#
71 72.2 32.2 48.2#



#42
Bromodichloromethane
Concen: 0.009 ppbv
RT: 7.256 min Scan# 1447
Delta R.T. 0.003 min
Lab File: VL040371.D
Acq: 13 Apr 2023 23:49

Tgt Ion: 83 Resp: 1814
Ion Ratio Lower Upper
83 100
85 0.0 50.9 76.3#
127 0.0 6.4 9.6#

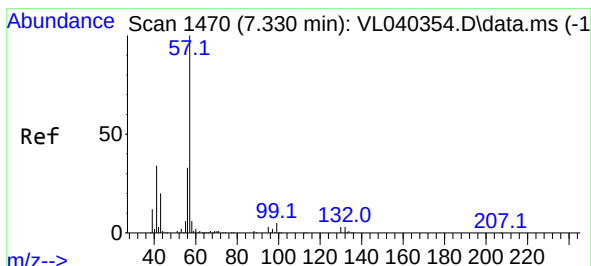
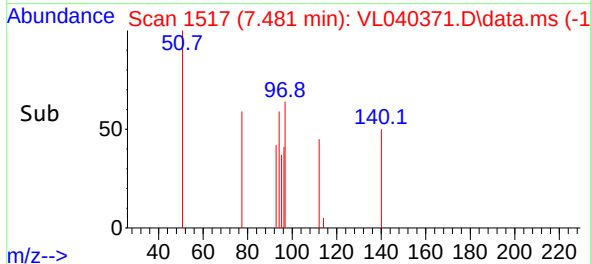
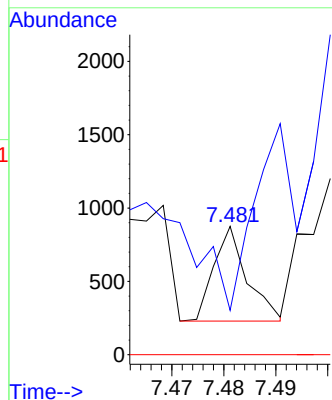
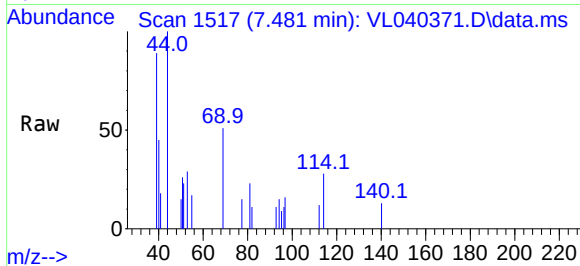




#43
Methyl Methacrylate
Concen: 0.004 ppbv
RT: 7.481 min Scan# 11
Delta R.T. 0.007 min
Lab File: VL040371.D
Acq: 13 Apr 2023 23:49

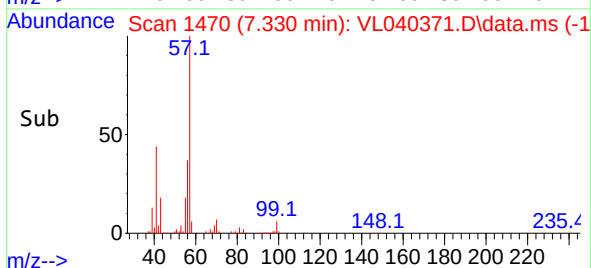
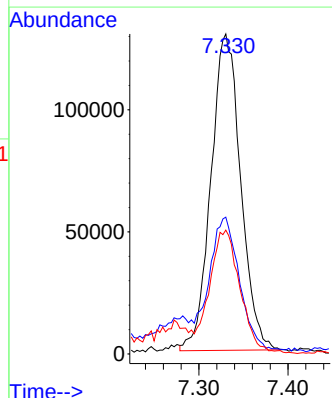
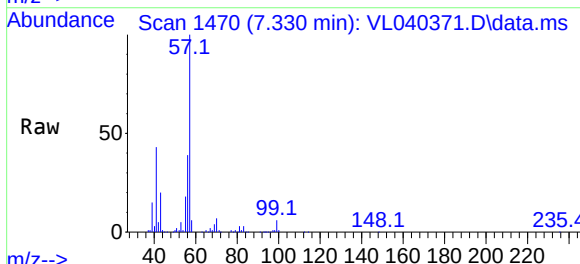
Instrument :
MSVOA_1
ClientSampleId :
SV-19-20230412DLDUP

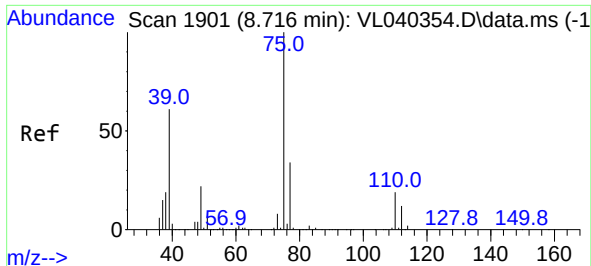
Tgt Ion: 69 Resp: 287
Ion Ratio Lower Upper
69 100
41 0.0 114.3 171.5#
100 0.0 24.5 36.7#



#44
2,2,4-Trimethylpentane
Concen: 0.815 ppbv
RT: 7.330 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VL040371.D
Acq: 13 Apr 2023 23:49

Tgt Ion: 57 Resp: 300493
Ion Ratio Lower Upper
57 100
41 56.0 26.9 40.3#
56 41.1 25.1 37.7#

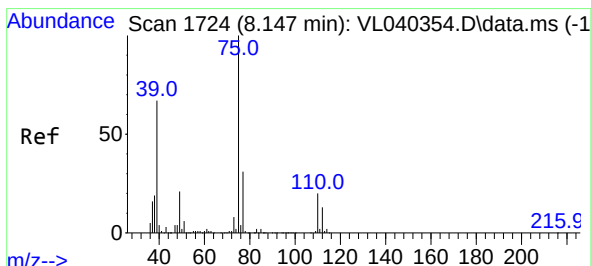
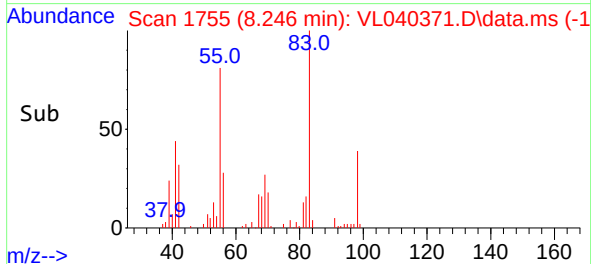
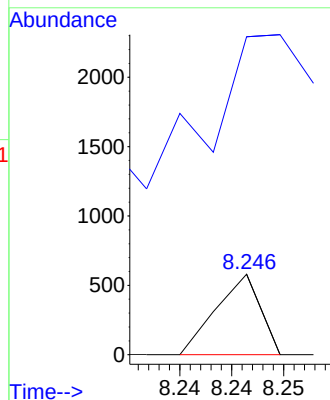
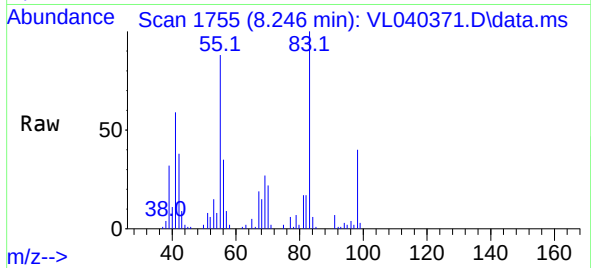




#45
t-1,3-Dichloropropene
Concen: 0.002 ppbv
RT: 8.246 min Scan# 1755
Delta R.T. -0.469 min
Lab File: VL040371.D
Acq: 13 Apr 2023 23:49

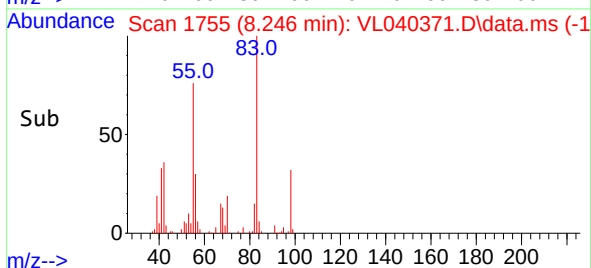
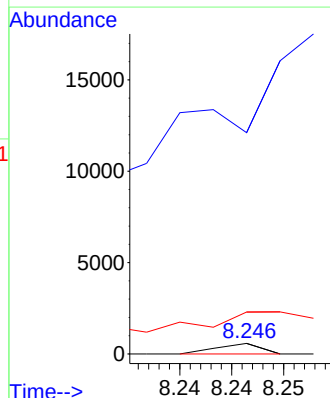
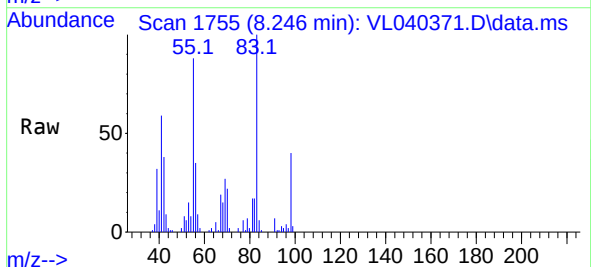
Instrument :
MSVOA_L
ClientSampleId :
SV-19-20230412DLDUP

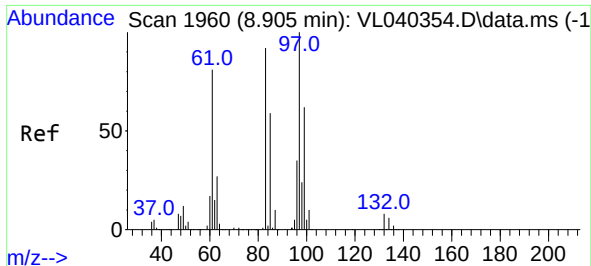
Tgt Ion: 75 Resp: 172
Ion Ratio Lower Upper
75 100
77 395.2 26.8 40.2#



#46
cis-1,3-Dichloropropene
Concen: 0.002 ppbv
RT: 8.246 min Scan# 1755
Delta R.T. 0.100 min
Lab File: VL040371.D
Acq: 13 Apr 2023 23:49

Tgt Ion: 75 Resp: 172
Ion Ratio Lower Upper
75 100
39 0.0 53.4 80.2#
77 95.3 24.7 37.1#





#47

1,1,2-Trichloroethane

Concen: 0.001 ppbv

RT: 8.906 min Scan# 1960

Delta R.T. 0.000 min

Lab File: VL040371.D

Acq: 13 Apr 2023 23:49

Instrument :

MSVOA_L

ClientSampleId :

SV-19-20230412DLDUP

Tgt Ion: 97 Resp: 75

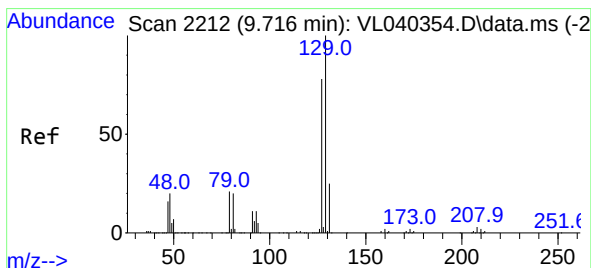
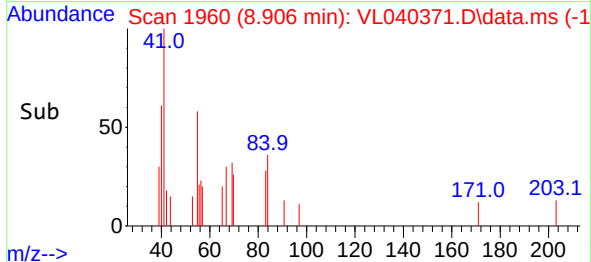
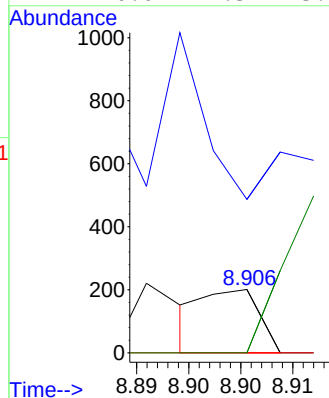
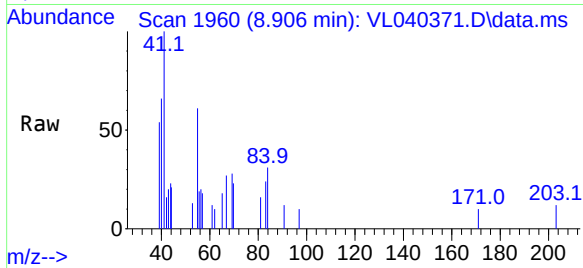
Ion Ratio Lower Upper

97 100

83 0.0 73.3 109.9#

85 0.0 46.9 70.3#

99 0.0 49.3 73.9#



#48

Dibromochloromethane

Concen: 0.001 ppbv

RT: 10.063 min Scan# 2320

Delta R.T. 0.347 min

Lab File: VL040371.D

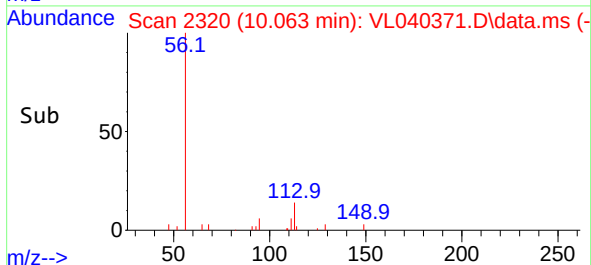
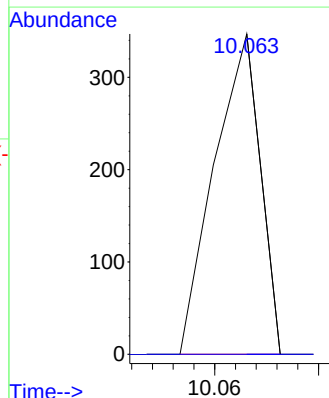
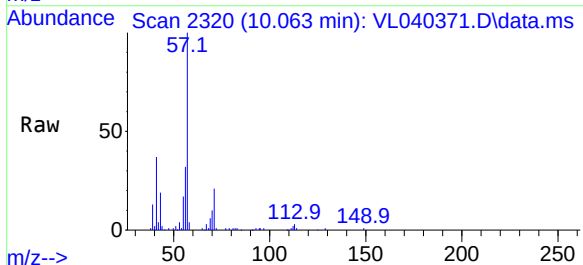
Acq: 13 Apr 2023 23:49

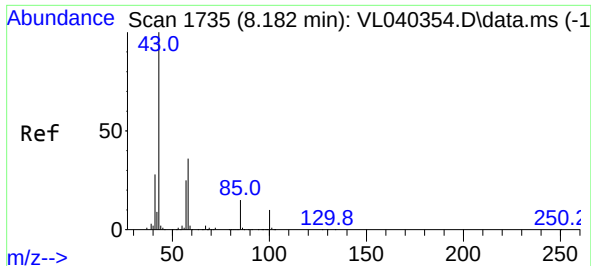
Tgt Ion: 129 Resp: 107

Ion Ratio Lower Upper

129 100

127 0.0 39.2 117.6#

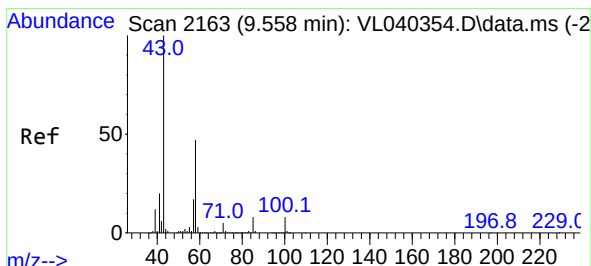
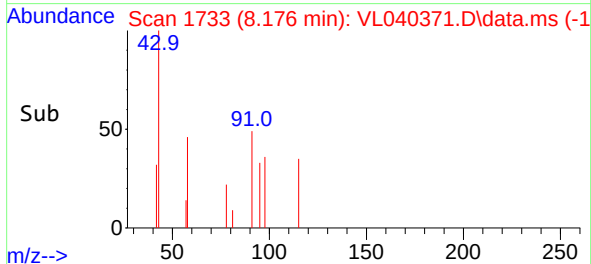
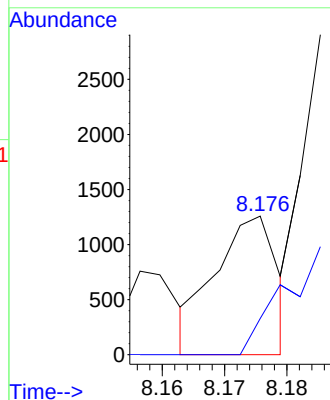
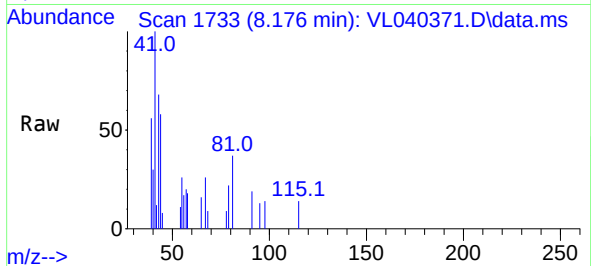




#50
4-Methyl-2-Pentanone
Concen: 0.004 ppbv
RT: 8.176 min Scan# 11
Delta R.T. -0.006 min
Lab File: VL040371.D
Acq: 13 Apr 2023 23:49

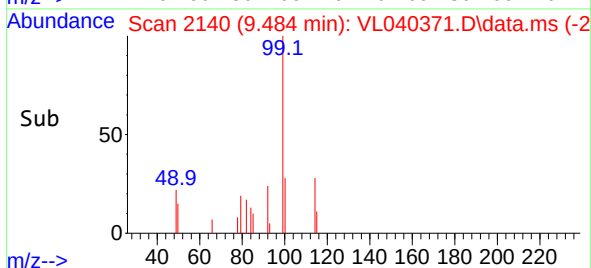
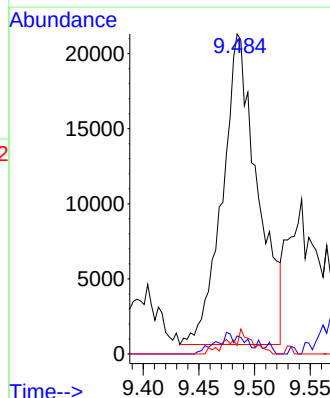
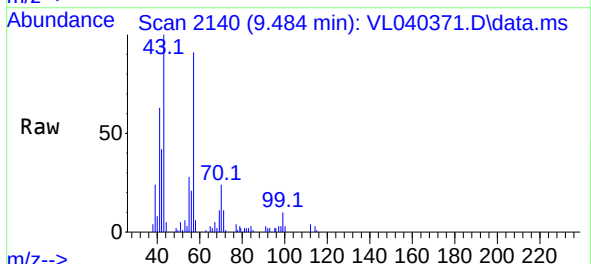
Instrument :
MSVOA_L
ClientSampleId :
SV-19-20230412DLDUP

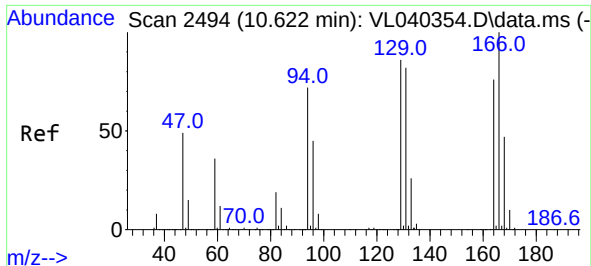
Tgt Ion: 43 Resp: 870
Ion Ratio Lower Upper
43 100
58 0.0 28.6 43.0#



#51
2-Hexanone
Concen: 0.279 ppbv
RT: 9.484 min Scan# 2140
Delta R.T. -0.074 min
Lab File: VL040371.D
Acq: 13 Apr 2023 23:49

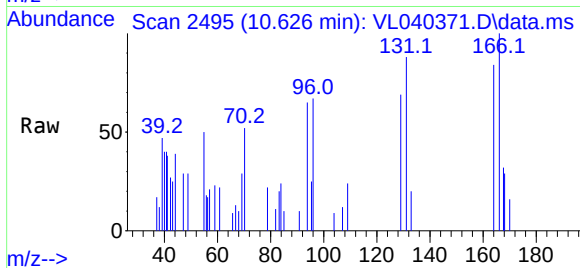
Tgt Ion: 43 Resp: 45525
Ion Ratio Lower Upper
43 100
58 6.9 38.3 57.5#
98 5.1 0.4 0.6#



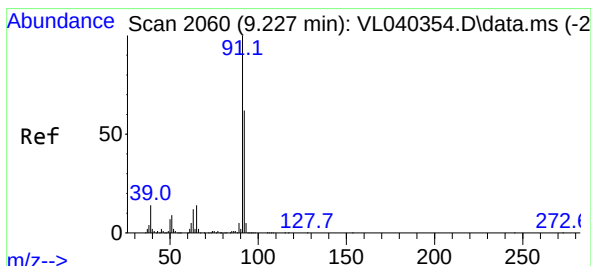
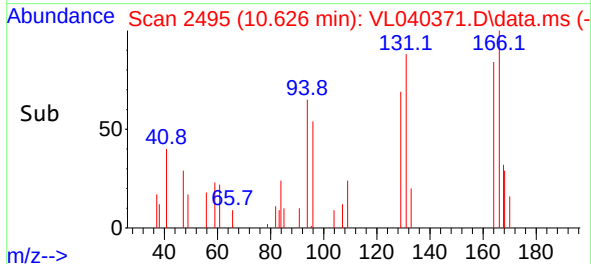
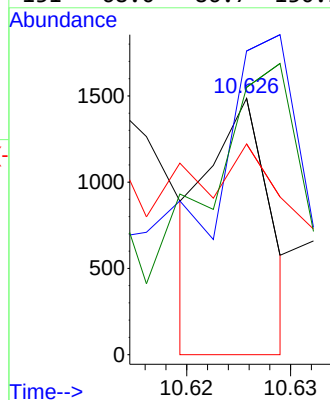


#52
Tetrachloroethene
Concen: 0.009 ppbv
RT: 10.626 min Scan# 24
Delta R.T. 0.003 min
Lab File: VL040371.D
Acq: 13 Apr 2023 23:49

Instrument :
MSVOA_1
ClientSampleId :
SV-19-20230412DLDUP

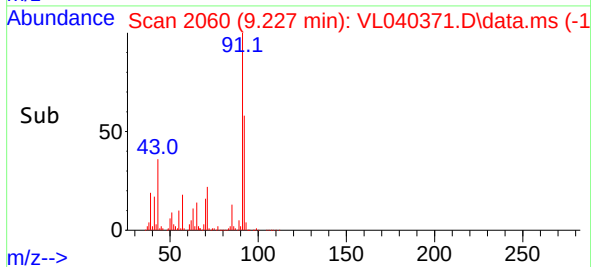
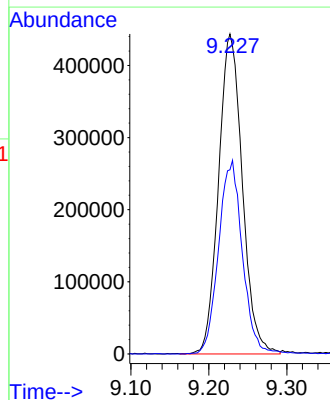
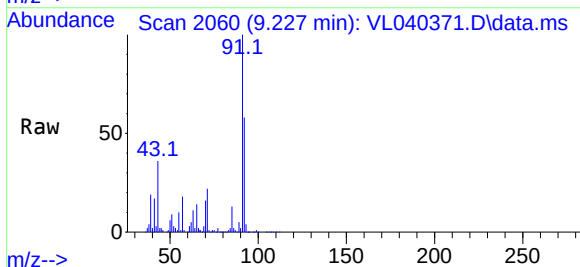


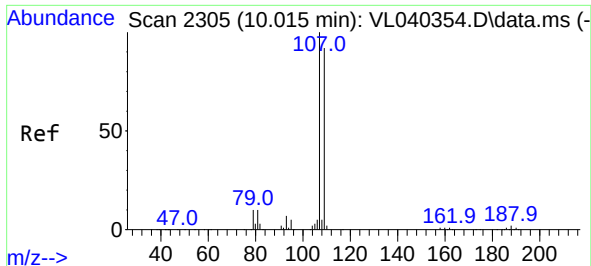
Tgt Ion:164 Resp: 610
Ion Ratio Lower Upper
164 100
166 95.5 105.2 157.8#
129 33.7 90.3 135.5#
131 68.0 86.7 130.1#



#53
Toluene
Concen: 4.022 ppbv
RT: 9.227 min Scan# 2060
Delta R.T. 0.000 min
Lab File: VL040371.D
Acq: 13 Apr 2023 23:49

Tgt Ion: 91 Resp: 941349
Ion Ratio Lower Upper
91 100
92 61.0 48.9 73.3

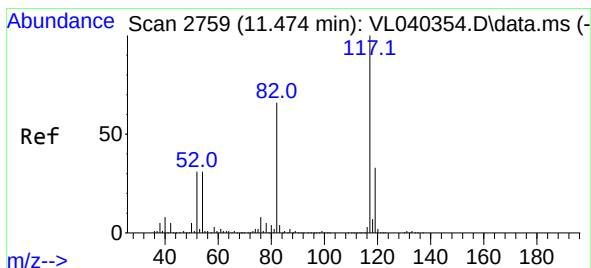
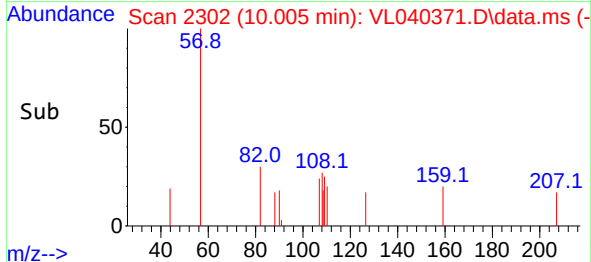
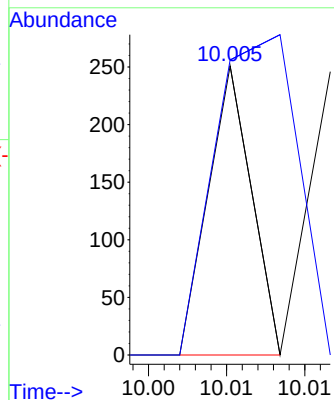
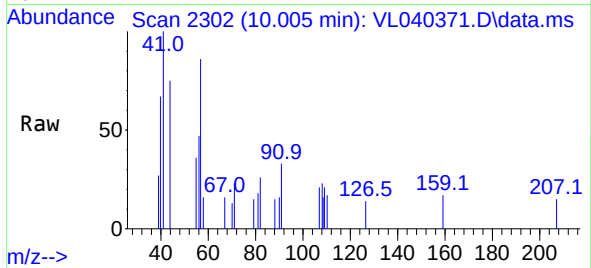




#54
1,2-Dibromoethane
Concen: 0.000 ppbv
RT: 10.005 min Scan# 21
Delta R.T. -0.009 min
Lab File: VL040371.D
Acq: 13 Apr 2023 23:49

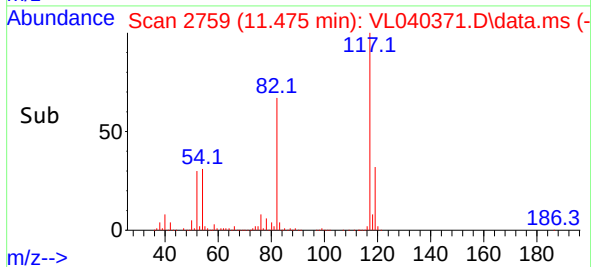
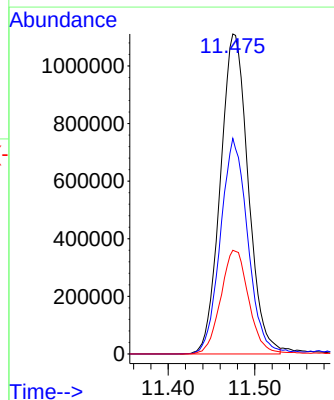
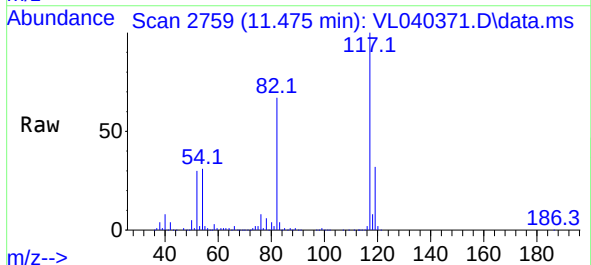
Instrument :
MSVOA_L
ClientSampleId :
SV-19-20230412DLDUP

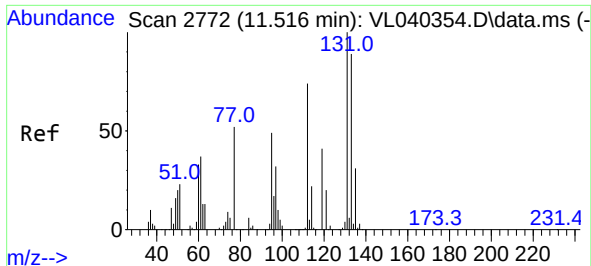
Tgt Ion:107 Resp: 48
Ion Ratio Lower Upper
107 100
109 102.0 73.6 110.4



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.475 min Scan# 2759
Delta R.T. 0.000 min
Lab File: VL040371.D
Acq: 13 Apr 2023 23:49

Tgt Ion:117 Resp: 2477667
Ion Ratio Lower Upper
117 100
82 66.6 52.5 78.7
119 33.1 24.3 36.5

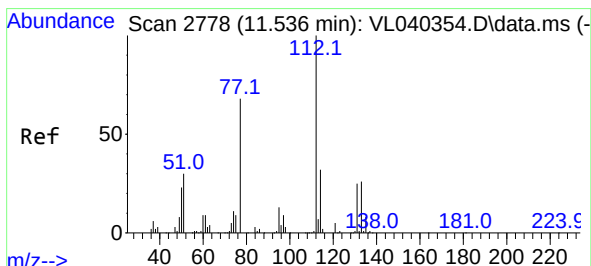
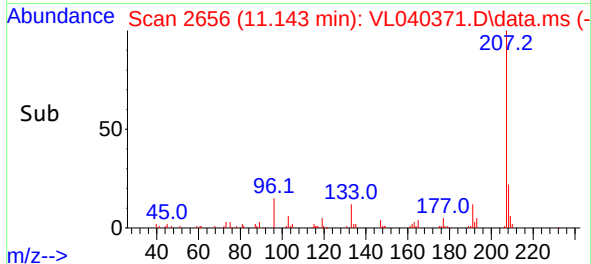
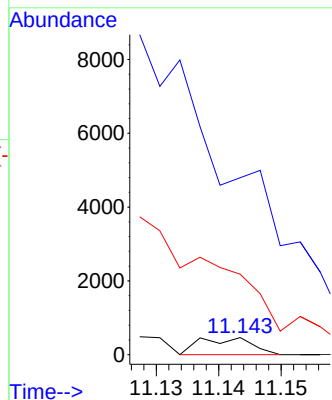
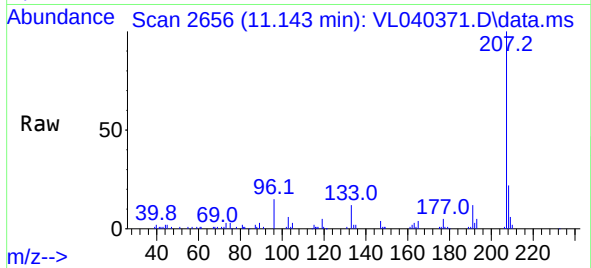




#56
1,1,1,2-Tetrachloroethane
Concen: 0.002 ppbv
RT: 11.143 min Scan# 21
Delta R.T. -0.373 min
Lab File: VL040371.D
Acq: 13 Apr 2023 23:49

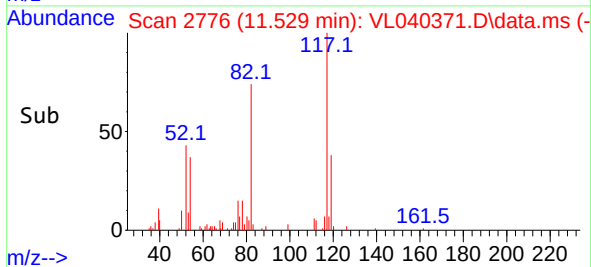
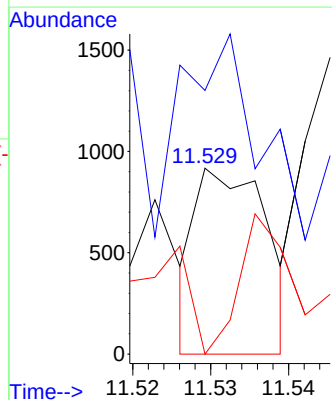
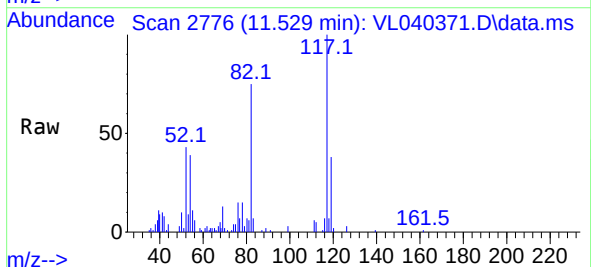
Instrument :
MSVOA_L
ClientSampleId :
SV-19-20230412DLDUP

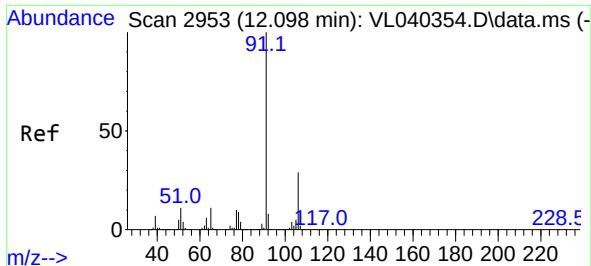
Tgt Ion:131 Resp: 267
Ion Ratio Lower Upper
131 100
133 0.0 75.3 112.9#
119 0.0 53.9 80.9#



#57
Chlorobenzene
Concen: 0.003 ppbv
RT: 11.529 min Scan# 2776
Delta R.T. -0.006 min
Lab File: VL040371.D
Acq: 13 Apr 2023 23:49

Tgt Ion:112 Resp: 583
Ion Ratio Lower Upper
112 100
77 0.0 55.8 83.8#
114 0.0 29.1 35.5#

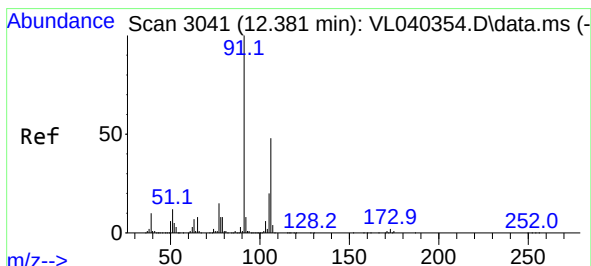
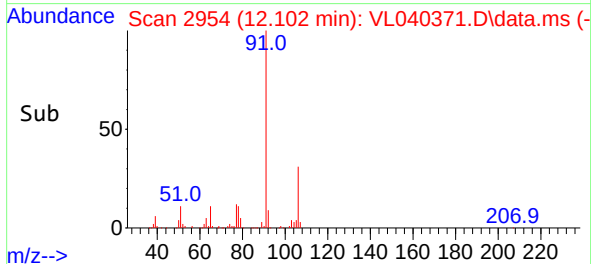
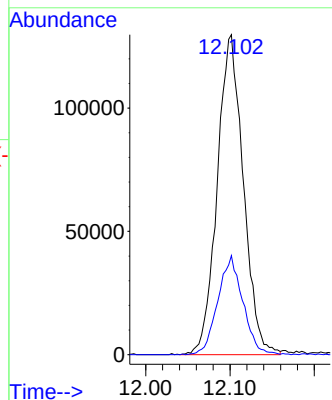
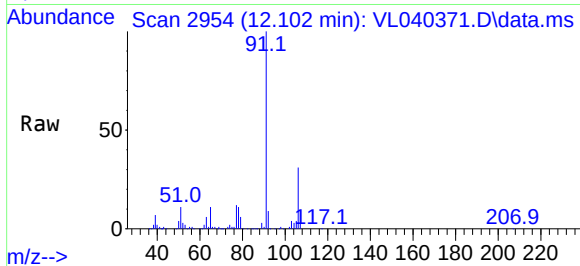




#58
Ethyl Benzene
Concen: 0.915 ppbv
RT: 12.102 min Scan# 2954
Delta R.T. 0.003 min
Lab File: VL040371.D
Acq: 13 Apr 2023 23:49

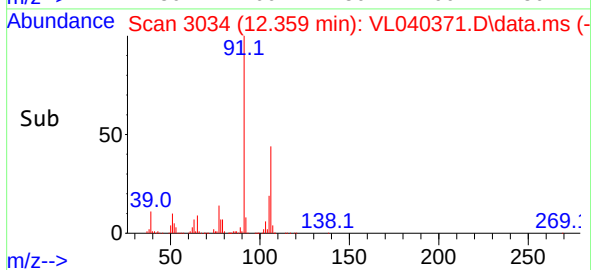
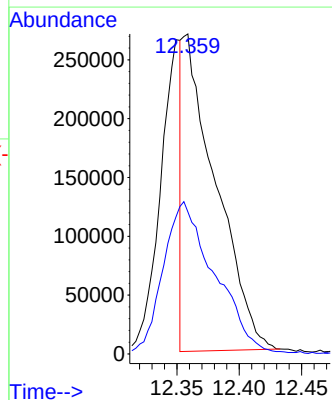
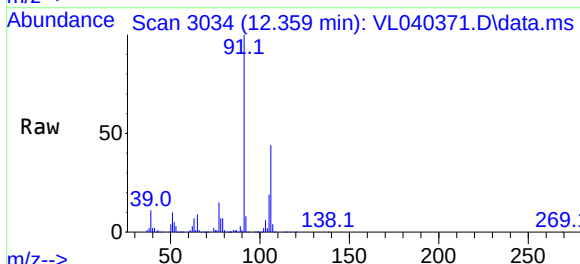
Instrument :
MSVOA_L
ClientSampleId :
SV-19-20230412DLDUP

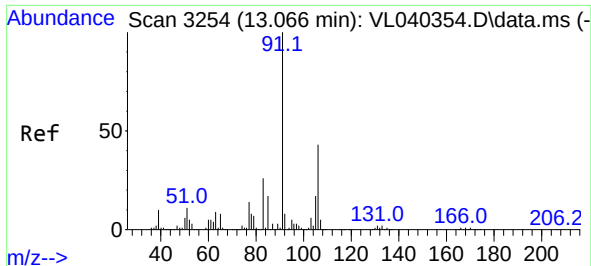
Tgt Ion: 91 Resp: 278813
Ion Ratio Lower Upper
91 100
106 31.0 23.5 35.3



#59
m/p-Xylene
Concen: 1.772 ppbv
RT: 12.359 min Scan# 3034
Delta R.T. -0.022 min
Lab File: VL040371.D
Acq: 13 Apr 2023 23:49

Tgt Ion: 91 Resp: 496680
Ion Ratio Lower Upper
91 100
106 75.8 34.7 52.1#

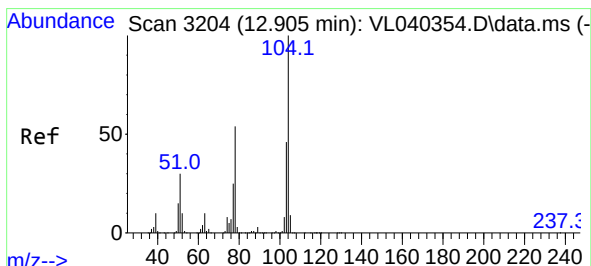
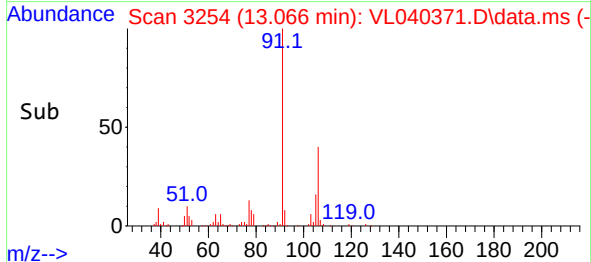
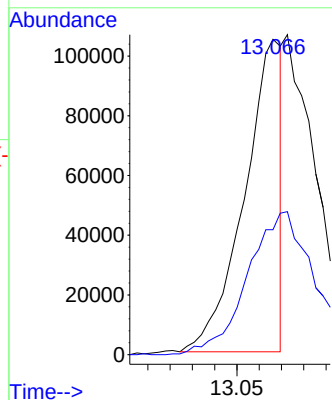
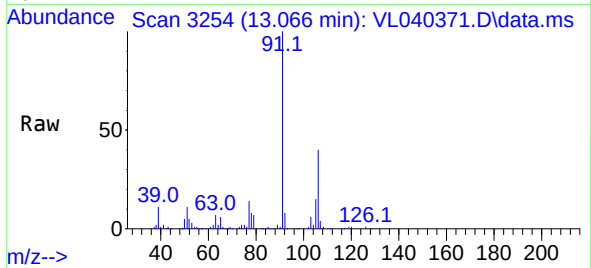




#60
o-Xylene
Concen: 0.453 ppbv
RT: 13.066 min Scan# 31
Delta R.T. 0.000 min
Lab File: VL040371.D
Acq: 13 Apr 2023 23:49

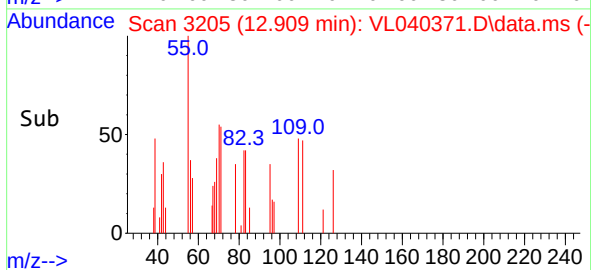
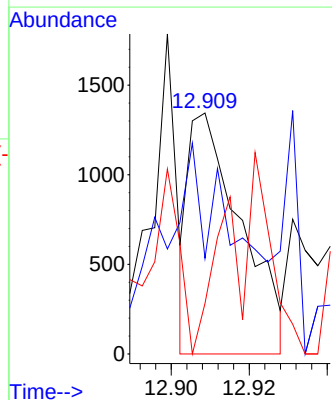
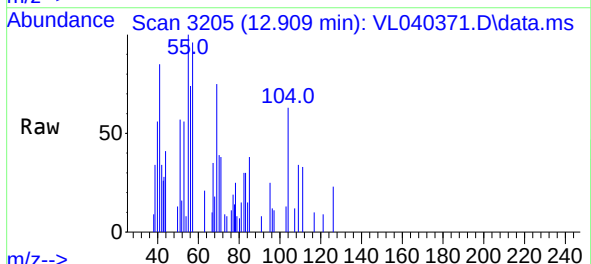
Instrument :
MSVOA_L
ClientSampleId :
SV-19-20230412DLDUP

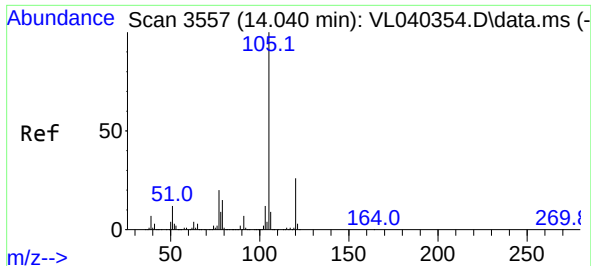
Tgt Ion: 91 Resp: 121881
Ion Ratio Lower Upper
91 100
106 0.0 21.9 65.8#



#61
Styrene
Concen: 0.009 ppbv
RT: 12.909 min Scan# 3205
Delta R.T. 0.003 min
Lab File: VL040371.D
Acq: 13 Apr 2023 23:49

Tgt Ion: 104 Resp: 1262
Ion Ratio Lower Upper
104 100
78 0.0 43.4 65.0#
103 0.0 37.0 55.4#

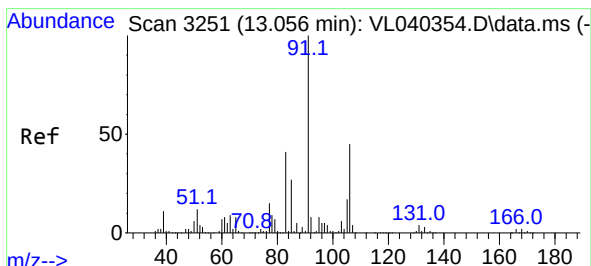
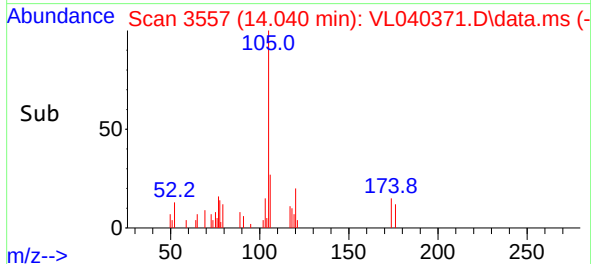
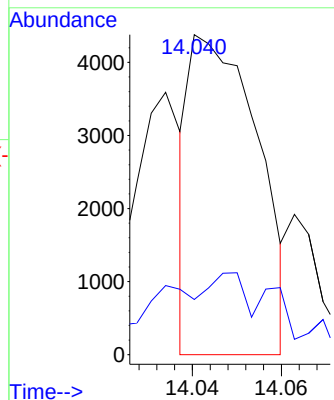
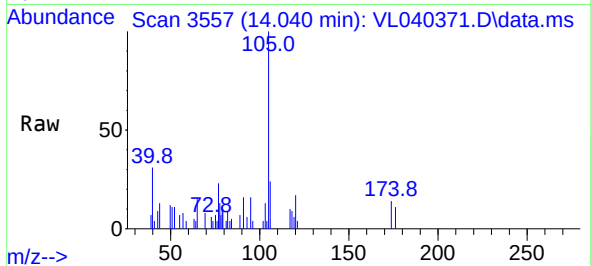




#62
Isopropylbenzene
Concen: 0.012 ppbv
RT: 14.040 min Scan# 31
Delta R.T. 0.000 min
Lab File: VL040371.D
Acq: 13 Apr 2023 23:49

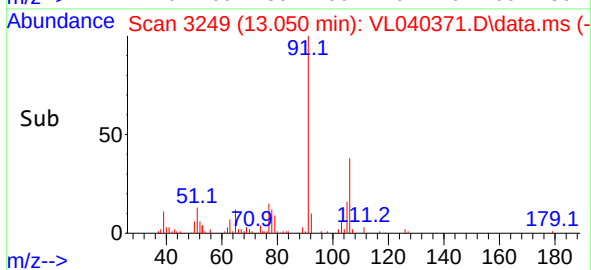
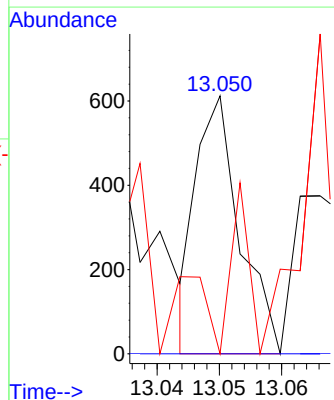
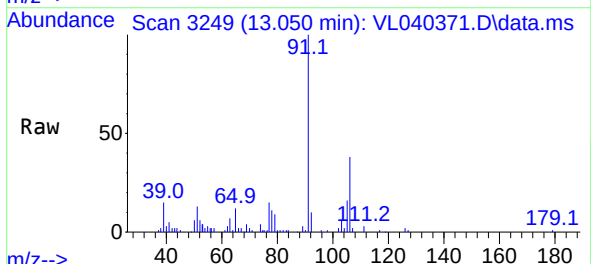
Instrument :
MSVOA_L
ClientSampleId :
SV-19-20230412DLDUP

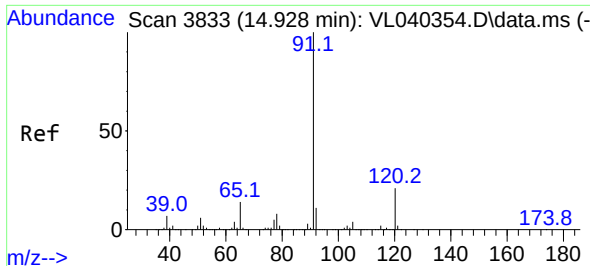
Tgt Ion:105 Resp: 4637
Ion Ratio Lower Upper
105 100
120 54.6 19.9 29.9#



#63
1,1,2,2-Tetrachloroethane
Concen: 0.003 ppbv
RT: 13.050 min Scan# 3249
Delta R.T. -0.006 min
Lab File: VL040371.D
Acq: 13 Apr 2023 23:49

Tgt Ion: 83 Resp: 296
Ion Ratio Lower Upper
83 100
131 0.0 4.3 13.1#
85 0.0 32.9 98.6#

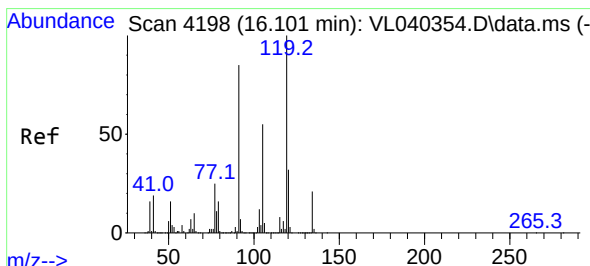
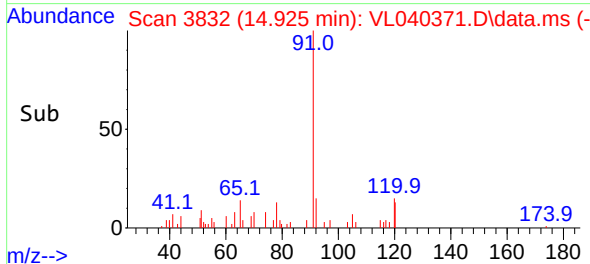
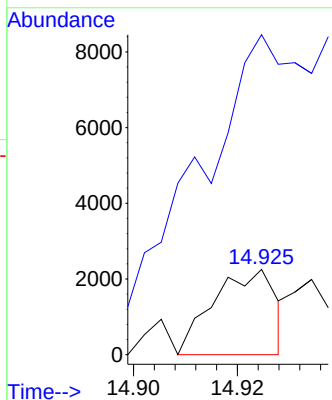
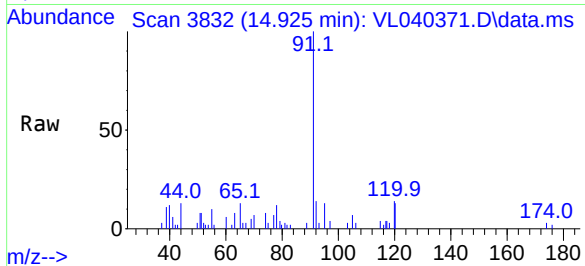




#64
n-propylbenzene
Concen: 0.020 ppbv
RT: 14.925 min Scan# 3832
Delta R.T. -0.003 min
Lab File: VL040371.D
Acq: 13 Apr 2023 23:49

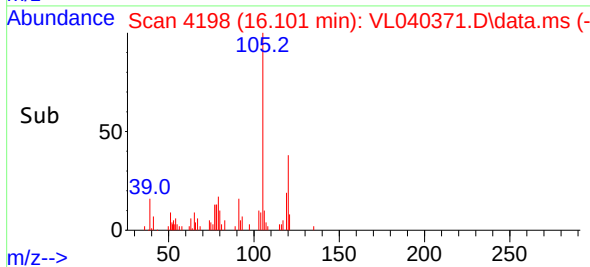
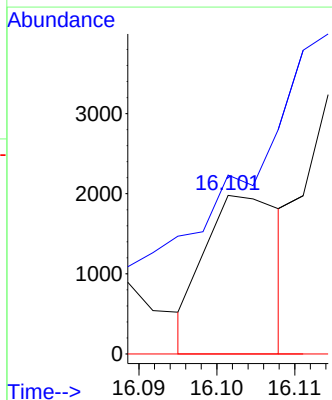
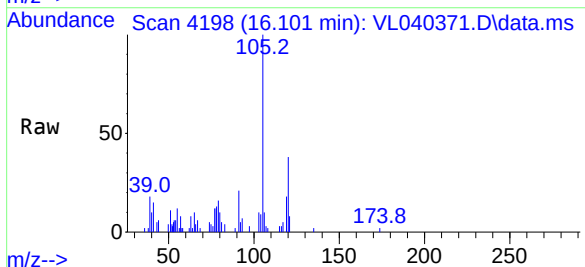
Instrument :
MSVOA_L
ClientSampleId :
SV-19-20230412DLDUP

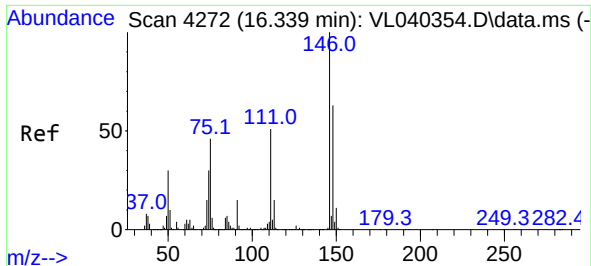
Tgt Ion:120 Resp: 1878
Ion Ratio Lower Upper
120 100
91 1210.8 397.4 596.0#



#65
tert-Butylbenzene
Concen: 0.004 ppbv
RT: 16.101 min Scan# 4198
Delta R.T. 0.000 min
Lab File: VL040371.D
Acq: 13 Apr 2023 23:49

Tgt Ion:119 Resp: 1347
Ion Ratio Lower Upper
119 100
91 0.0 70.1 105.1#
134 0.0 15.6 23.4#

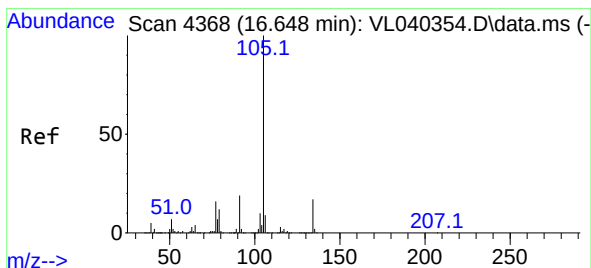
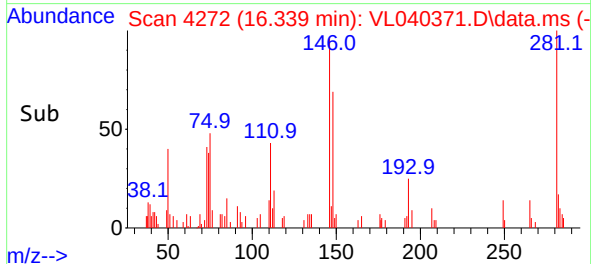
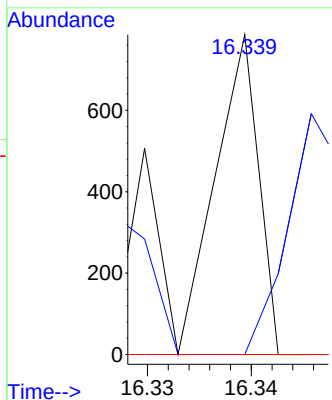
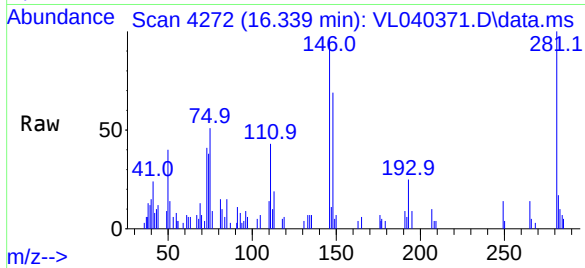




#66
Benzyl Chloride
Concen: 0.011 ppbv
RT: 16.339 min Scan# 41
Delta R.T. 0.000 min
Lab File: VL040371.D
Acq: 13 Apr 2023 23:49

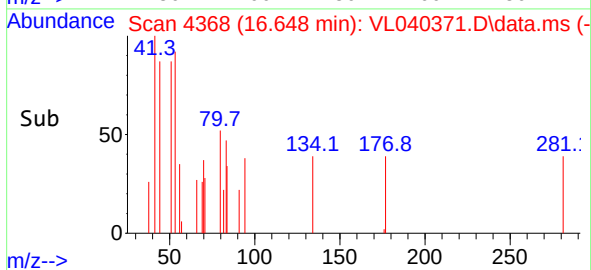
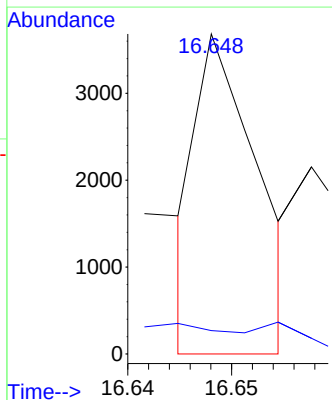
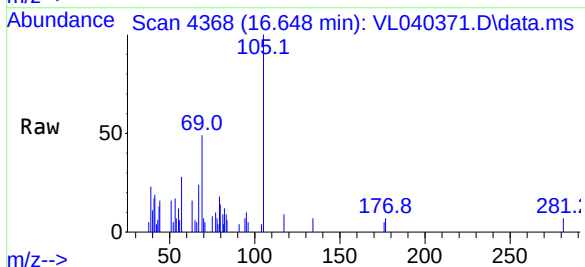
Instrument :
MSVOA_1
ClientSampleId :
SV-19-20230412DLDUP

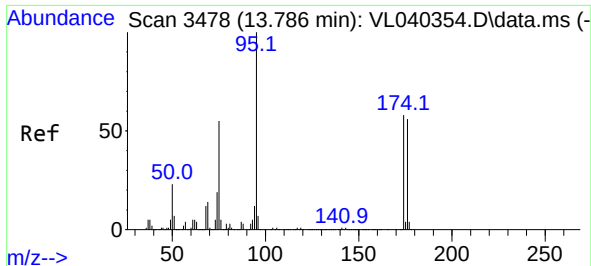
Tgt Ion: 91 Resp: 228
Ion Ratio Lower Upper
91 100
126 0.0 12.3 18.5#
128 0.0 4.1 6.1#



#67
sec-Butylbenzene
Concen: 0.003 ppbv
RT: 16.648 min Scan# 4368
Delta R.T. 0.000 min
Lab File: VL040371.D
Acq: 13 Apr 2023 23:49

Tgt Ion: 105 Resp: 1503
Ion Ratio Lower Upper
105 100
134 0.0 13.8 20.6#

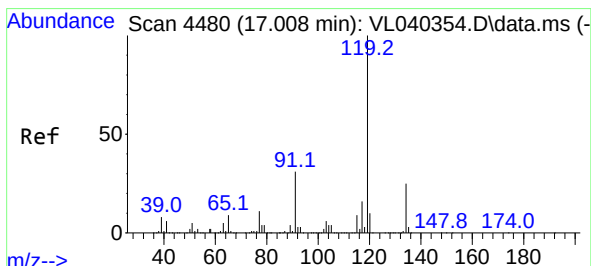
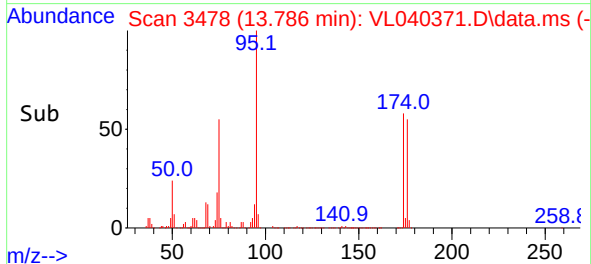
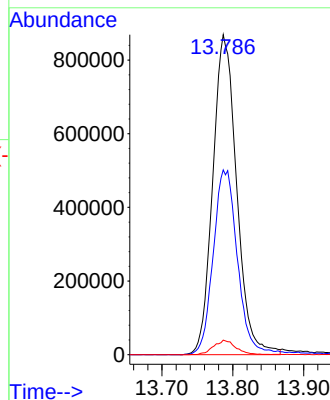
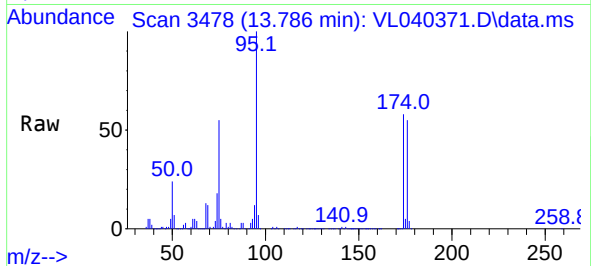




#68
1-Bromo-4-Fluorobenzene
Concen: 9.949 ppbv
RT: 13.786 min Scan# 3478
Delta R.T. 0.000 min
Lab File: VL040371.D
Acq: 13 Apr 2023 23:49

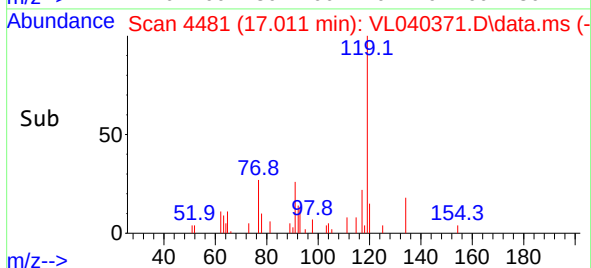
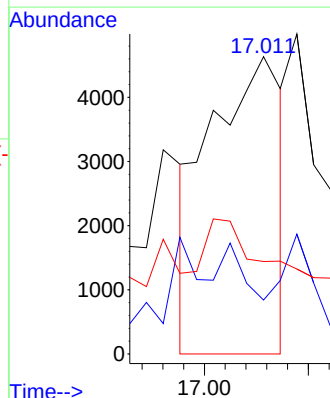
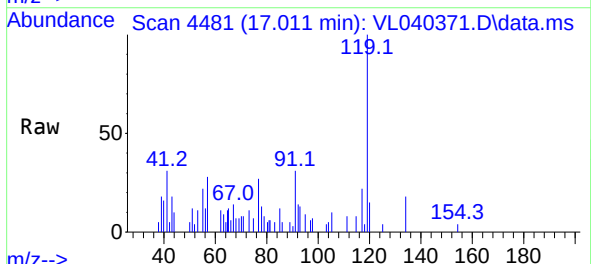
Instrument :
MSVOA_1
ClientSampleId :
SV-19-20230412DLDUP

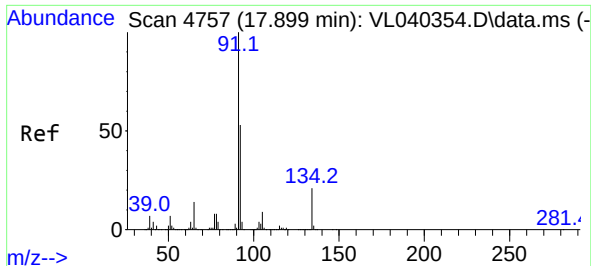
Tgt Ion: 95 Resp: 2038435
Ion Ratio Lower Upper
95 100
174 59.4 47.2 70.8
175 4.3 3.5 5.3



#69
p-Isopropyltoluene
Concen: 0.012 ppbv
RT: 17.011 min Scan# 4481
Delta R.T. 0.003 min
Lab File: VL040371.D
Acq: 13 Apr 2023 23:49

Tgt Ion: 119 Resp: 4480
Ion Ratio Lower Upper
119 100
134 0.0 20.2 30.4#
91 137.9 25.7 38.5#

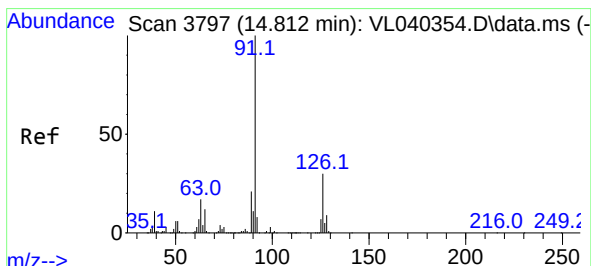
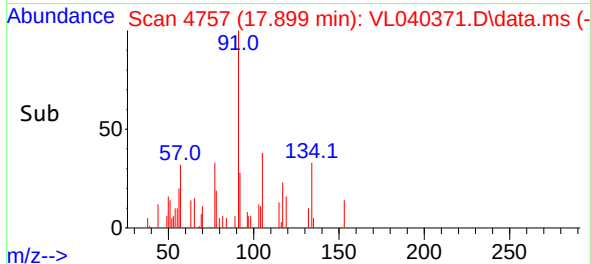
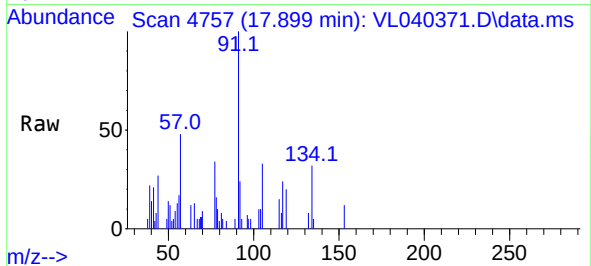




#70
n-Butylbenzene
Concen: 0.005 ppbv
RT: 17.899 min Scan# 41
Delta R.T. 0.000 min
Lab File: VL040371.D
Acq: 13 Apr 2023 23:49

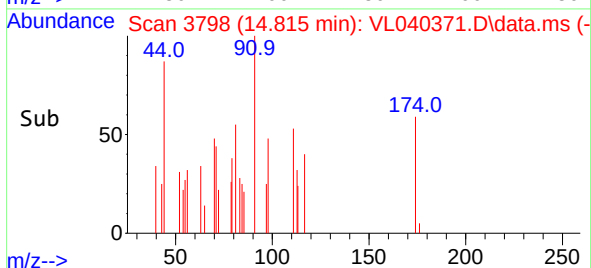
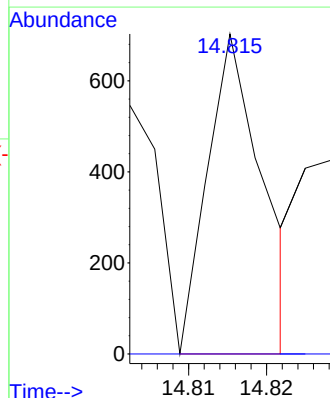
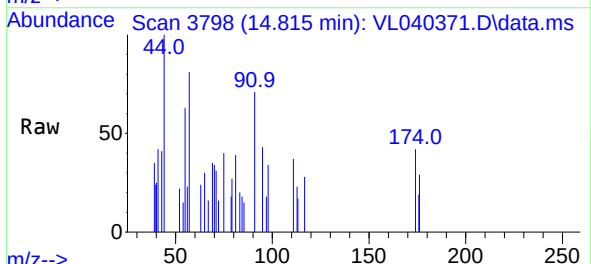
Instrument :
MSVOA_L
ClientSampleId :
SV-19-20230412DLDUP

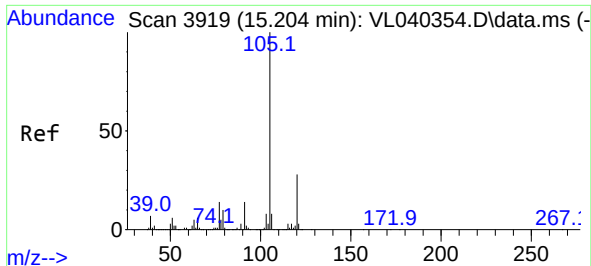
Tgt Ion: 91 Resp: 2027
Ion Ratio Lower Upper
91 100
92 0.0 43.0 64.4#
134 0.0 16.6 25.0#



#71
2-Chlorotoluene
Concen: 0.001 ppbv
RT: 14.815 min Scan# 3798
Delta R.T. 0.003 min
Lab File: VL040371.D
Acq: 13 Apr 2023 23:49

Tgt Ion: 91 Resp: 343
Ion Ratio Lower Upper
91 100
126 0.0 11.8 47.4#

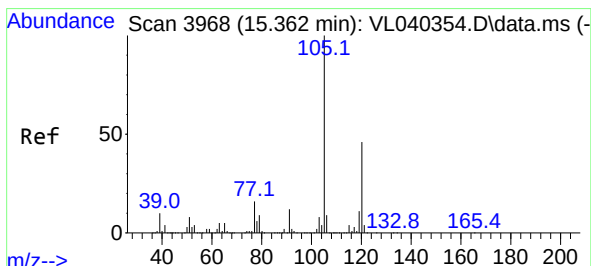
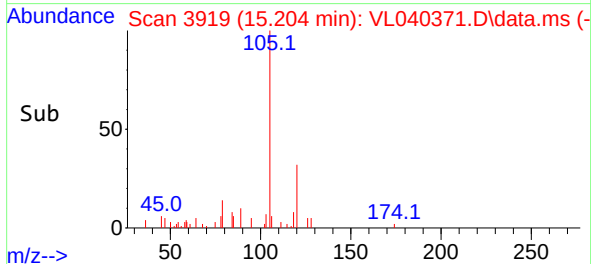
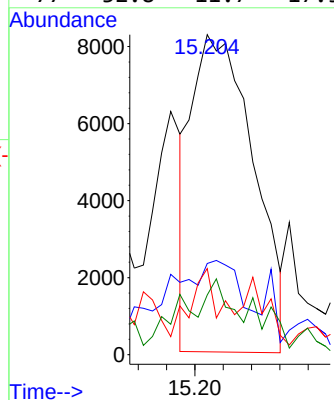
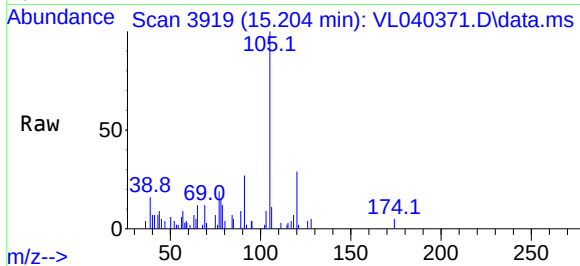




#72
4-Ethyltoluene
Concen: 0.042 ppbv
RT: 15.204 min Scan# 3919
Delta R.T. 0.000 min
Lab File: VL040371.D
Acq: 13 Apr 2023 23:49

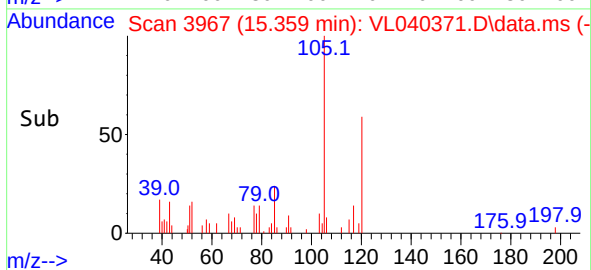
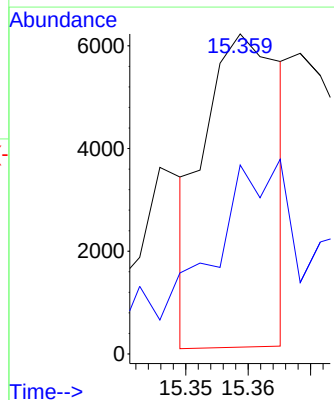
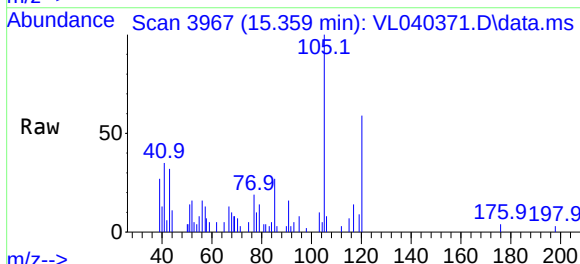
Instrument :
MSVOA_L
ClientSampleId :
SV-19-20230412DLDUP

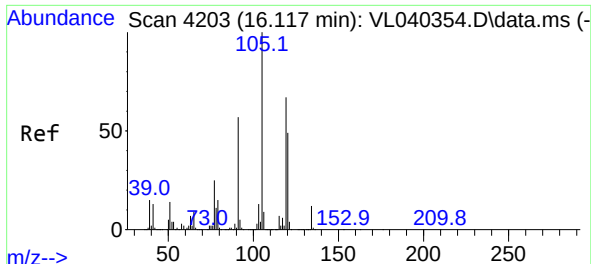
Tgt Ion:	105	Resp:	12586
Ion	Ratio	Lower	Upper
105	100		
120	47.7	23.0	34.6#
91	36.7	11.3	16.9#
77	32.8	11.7	17.5#



#73
1,3,5-Trimethylbenzene
Concen: 0.019 ppbv
RT: 15.359 min Scan# 3967
Delta R.T. -0.003 min
Lab File: VL040371.D
Acq: 13 Apr 2023 23:49

Tgt Ion:	105	Resp:	5075
Ion	Ratio	Lower	Upper
105	100		
120	75.4	36.9	55.3#

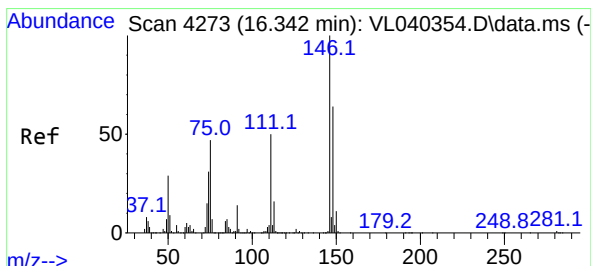
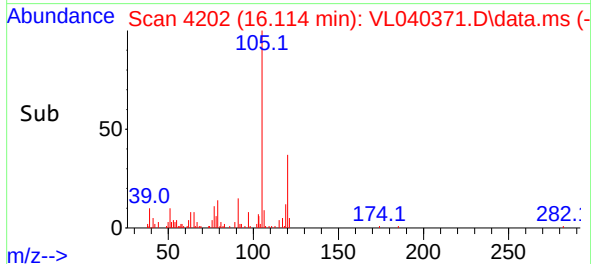
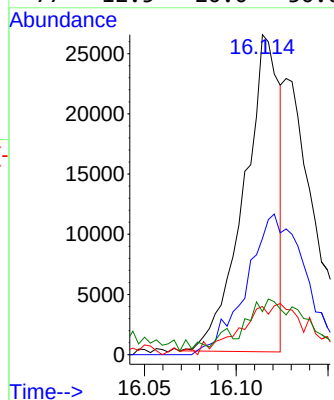
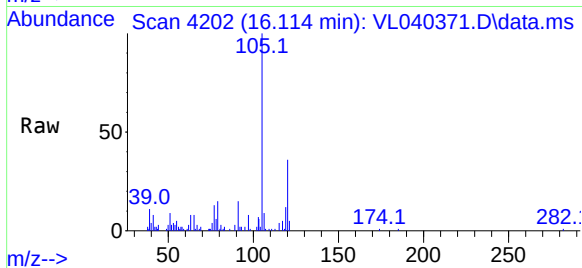




#74
1,2,4-Trimethylbenzene
Concen: 0.112 ppbv
RT: 16.114 min Scan# 41
Delta R.T. -0.003 min
Lab File: VL040371.D
Acq: 13 Apr 2023 23:49

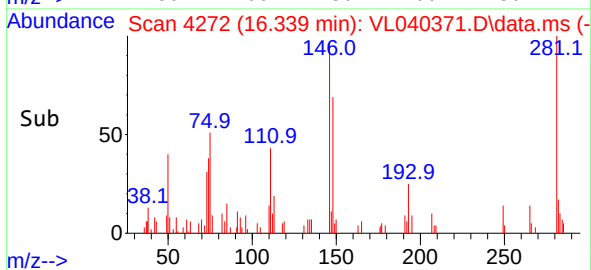
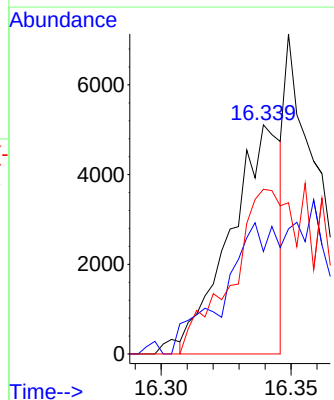
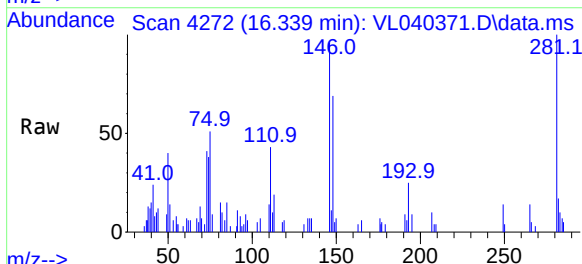
Instrument :
MSVOA_L
ClientSampleId :
SV-19-20230412DLDUP

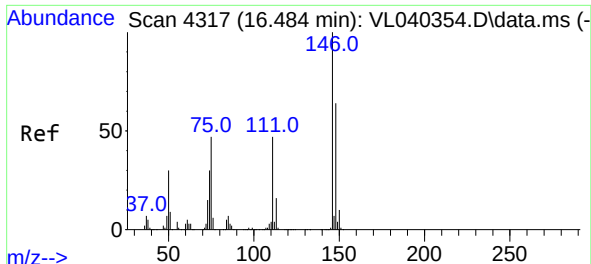
Tgt Ion:	105	Resp:	35256
Ion	Ratio	Lower	Upper
105	100		
120	36.8	38.9	58.3#
91	14.2	46.0	69.0#
77	12.5	20.0	30.0#



#75
1,3-Dichlorobenzene
Concen: 0.040 ppbv
RT: 16.339 min Scan# 4272
Delta R.T. -0.003 min
Lab File: VL040371.D
Acq: 13 Apr 2023 23:49

Tgt Ion:	146	Resp:	6866
Ion	Ratio	Lower	Upper
146	100		
111	0.0	24.6	74.0#
148	0.0	32.1	96.3#

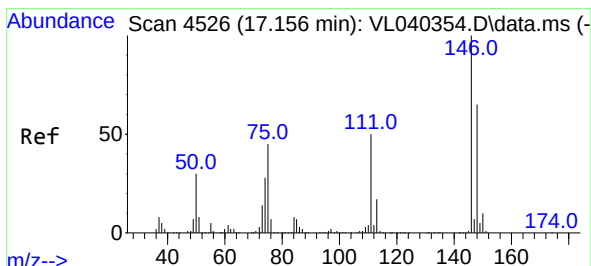
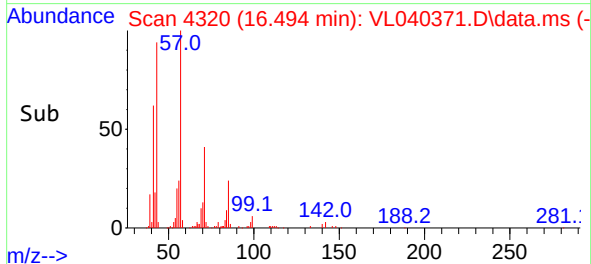
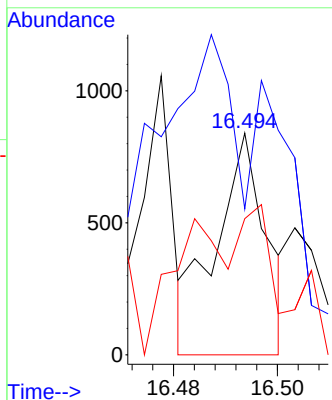
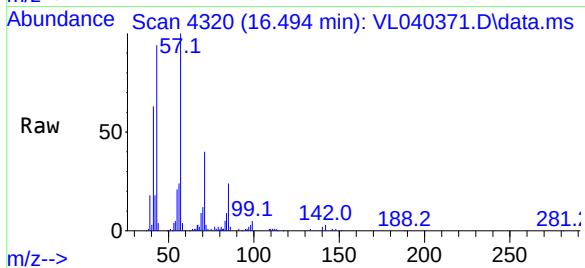




#76
1,4-Dichlorobenzene
Concen: 0.003 ppbv
RT: 16.494 min Scan# 411
Delta R.T. 0.010 min
Lab File: VL040371.D
Acq: 13 Apr 2023 23:49

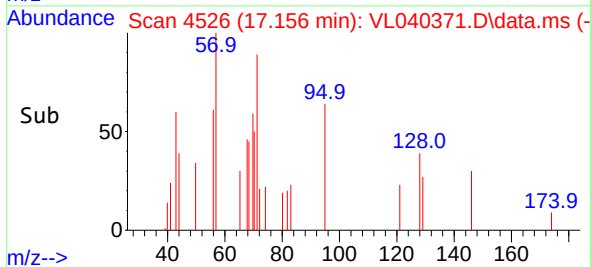
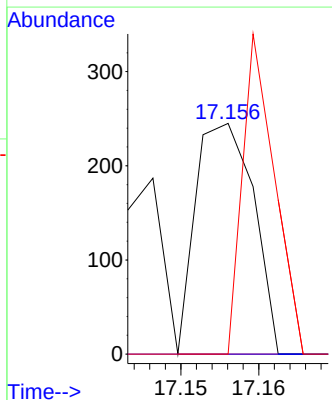
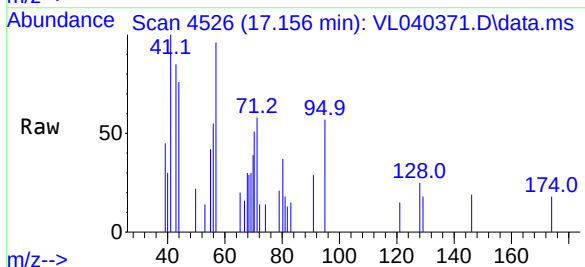
Instrument :
MSVOA_L
ClientSampleId :
SV-19-20230412DLDUP

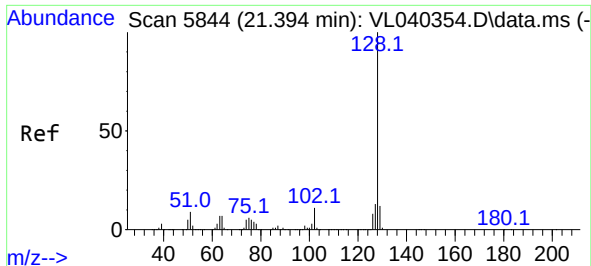
Tgt Ion:146 Resp: 564
Ion Ratio Lower Upper
146 100
111 464.5 23.8 71.4#
148 0.0 32.4 97.2#



#77
1,2-Dichlorobenzene
Concen: 0.001 ppbv
RT: 17.156 min Scan# 4526
Delta R.T. 0.000 min
Lab File: VL040371.D
Acq: 13 Apr 2023 23:49

Tgt Ion:146 Resp: 127
Ion Ratio Lower Upper
146 100
111 175.6 25.4 76.0#
148 76.4 32.0 96.2

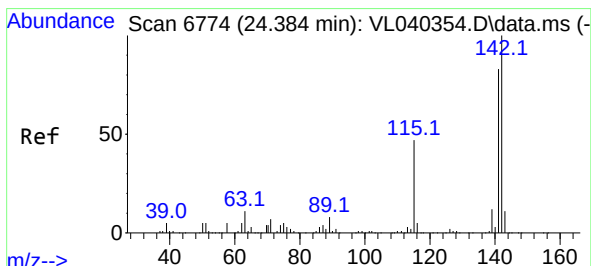
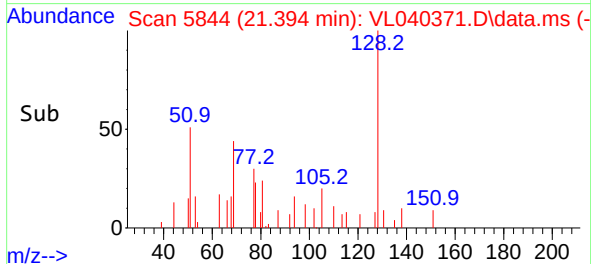
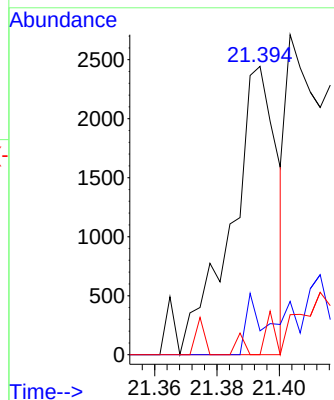
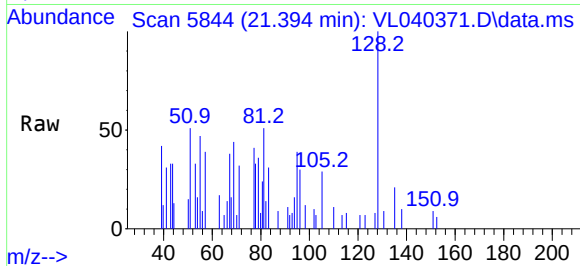




#79
Naphthalene
Concen: 0.012 ppbv
RT: 21.394 min Scan# 5844
Delta R.T. 0.000 min
Lab File: VL040371.D
Acq: 13 Apr 2023 23:49

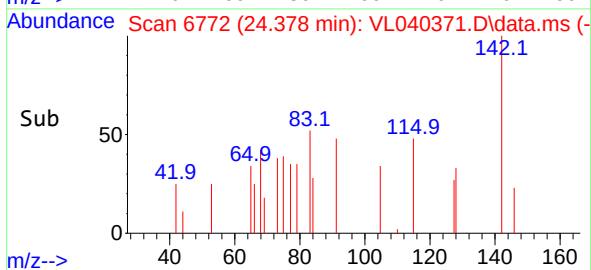
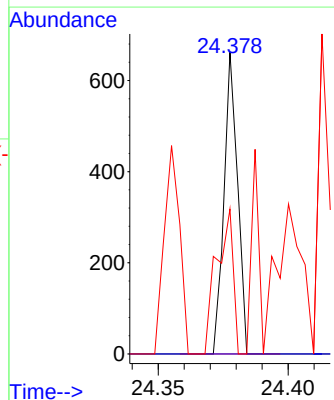
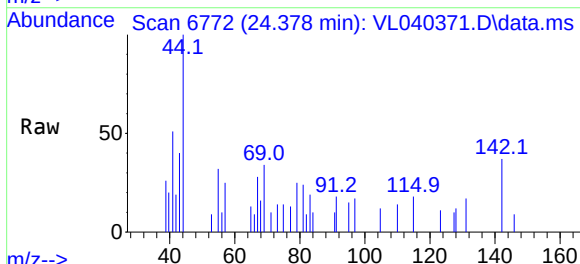
Instrument :
MSVOA_1
ClientSampleId :
SV-19-20230412DLDUP

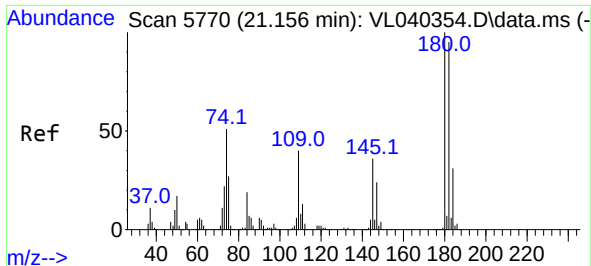
Tgt Ion:128 Resp: 2468
Ion Ratio Lower Upper
128 100
127 8.3 10.0 15.0#
129 0.0 9.4 14.0#



#80
Naphthalene,2-methyl-
Concen: 0.004 ppbv
RT: 24.378 min Scan# 6772
Delta R.T. -0.006 min
Lab File: VL040371.D
Acq: 13 Apr 2023 23:49

Tgt Ion:142 Resp: 239
Ion Ratio Lower Upper
142 100
141 50.6 65.1 97.7#
115 349.0 36.5 54.7#





#81

1,2,4-Trichlorobenzene

Concen: 0.001 ppbv

RT: 21.149 min Scan# 51

Delta R.T. -0.006 min

Lab File: VL040371.D

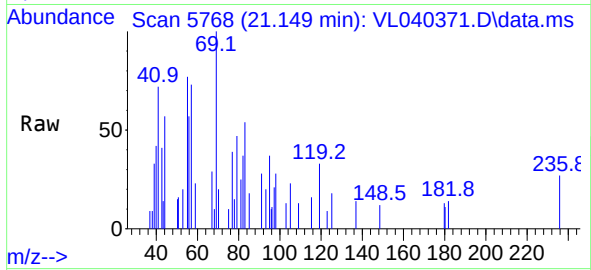
Acq: 13 Apr 2023 23:49

Instrument :

MSVOA_L

ClientSampleId :

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Tgt Ion:180 Resp: 78

Ion Ratio Lower Upper

180 100

182 0.0 77.7 116.5#

184 0.0 24.2 36.2#

