

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL041323\
 Data File : VL040370.D
 Acq On : 13 Apr 2023 23:06
 Operator : SY/MD
 Sample : 02332-01 2X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV-19-20230412

Quant Time: Apr 14 08:37:38 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	1020767	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.655	114	2582284	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.478	117	2491468	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.786	95	2074687	10.070	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.700%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.719	85	43731	0.238	ppbv	89
3) Chlorodifluoromethane	2.661	51	27496	0.206	ppbv	97
4) Chloromethane	2.796	50	11453	0.136	ppbv	98
5) Vinyl Chloride	2.906	62	250	0.004	ppbv #	42
6) Bromomethane	3.112	94	348	0.015	ppbv #	48
7) Chloroethane	3.189	64	869	0.033	ppbv #	78
8) Dichlorotetrafluoroethane	2.848	85	593	0.003	ppbv #	9
9) Propene	2.684	41	4194523	79.599	ppbv	94
10) Heptane	7.584	43	326530	2.727	ppbv	100
11) Trichlorofluoromethane	3.552	101	22894	0.123	ppbv	96
12) 1,1,2-Trichlorotrifluo...	4.063	101	4606	0.035	ppbv	98
13) Ethanol	3.227	45	262564	59.686	ppbv	97
14) Bromoethene	3.385	108	66	0.001	ppbv #	1
15) Acetone	3.456	43	3298191	22.813	ppbv	100
16) 1,3-Butadiene	2.957	39	1705368	28.502	ppbv #	21
17) tert-Butyl alcohol	3.874	59	271918	2.048	ppbv	96
18) 1,1-Dichloroethene	3.848	96	118	0.002	ppbv #	59
19) Isopropyl Alcohol	3.568	45	70546	1.069	ppbv #	90
20) Methylene Chloride	3.925	84	27361	0.474	ppbv	89
21) Allyl Chloride	3.980	41	15943	0.194	ppbv #	19
22) trans-1,2-Dichloroethene	4.443	96	103	0.002	ppbv #	3
23) Vinyl Acetate	4.610	43	92465	2.512	ppbv #	20
24) 1,1-Dichloroethane	4.587	63	314	0.003	ppbv #	90
25) Ethyl Acetate	5.211	43	364261	1.497	ppbv #	78
26) Hexane	5.208	57	502803	4.903	ppbv #	35
27) Carbon Disulfide	4.121	76	92878	0.700	ppbv #	94
28) Methyl tert-Butyl Ether	4.578	73	120	0.001	ppbv #	52
29) Chloroform	4.899	83	269	0.001	ppbv	84
30) Cyclohexane	6.603	84	44615	0.562	ppbv #	85
31) cis-1,2-Dichloroethene	5.121	61	89	0.001	ppbv #	23
32) 1,1,1-Trichloroethane	6.005	97	82	0.000	ppbv #	1
34) 2-Butanone	4.784	43	685814	4.925	ppbv	99
35) Carbon Tetrachloride	6.491	117	909	0.005	ppbv #	19
36) Benzene	6.372	78	622938	2.957	ppbv	99
37) 1,2-Dichloroethane	5.806	62	1301	0.009	ppbv #	84
38) Trichloroethene	7.327	130	127	0.001	ppbv #	1
39) 1,2-Dichloropropane	6.655	63	685227	8.266	ppbv #	25
40) 1,4-Dioxane	7.317	88	85	0.003	ppbv #	1
41) Tetrahydrofuran	5.565	42	5093	0.067	ppbv #	1
42) Bromodichloromethane	7.250	83	8262	0.044	ppbv #	25
43) Methyl Methacrylate	7.491	69	418	0.005	ppbv #	1
44) 2,2,4-Trimethylpentane	7.330	57	595943	1.693	ppbv #	67
45) t-1,3-Dichloropropene	8.603	75	72	0.001	ppbv #	1

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 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

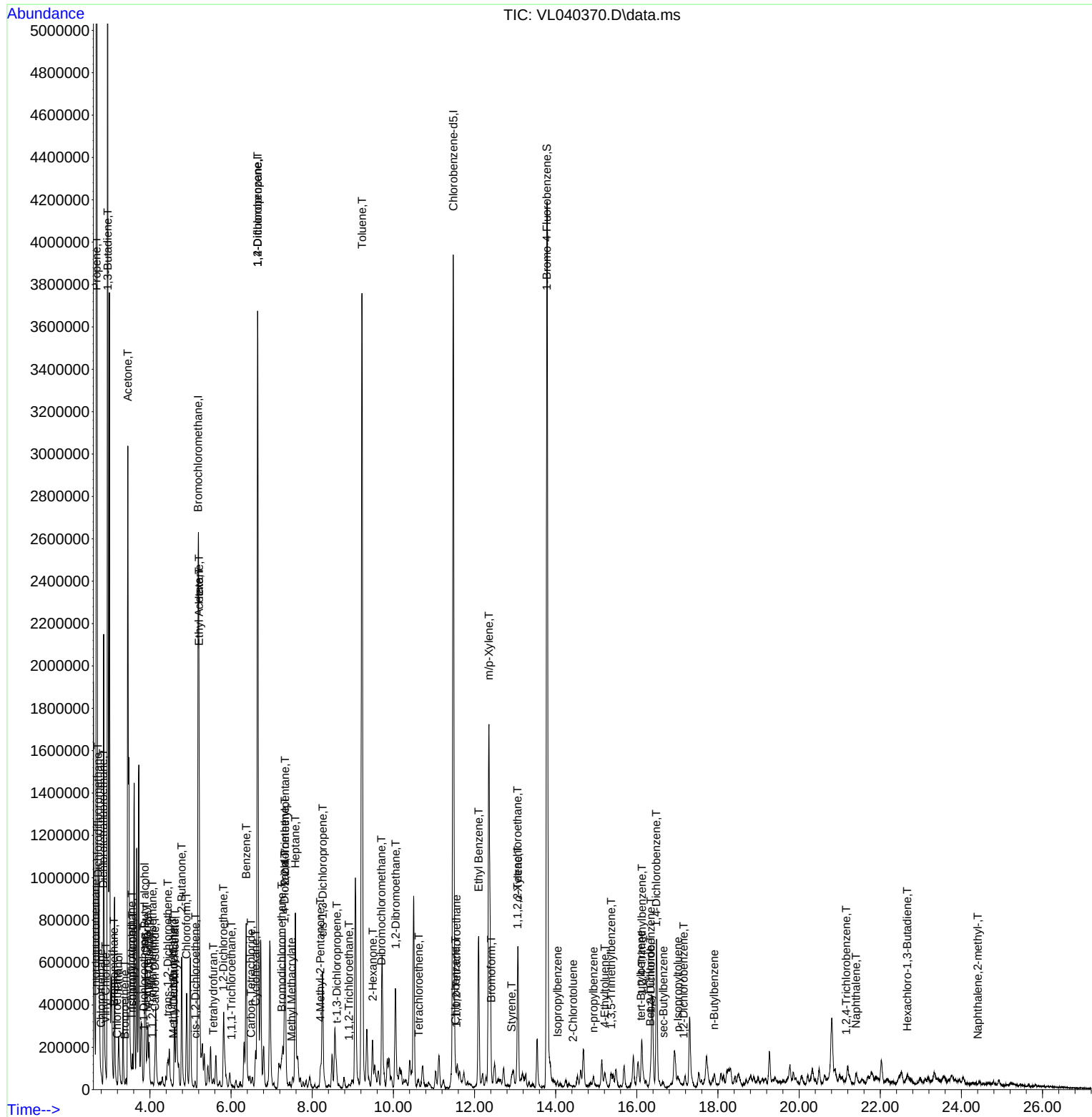
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.259	75	80	0.001	ppbv #	1
47) 1,1,2-Trichloroethane	8.902	97	127	0.001	ppbv #	52
48) Dibromochloromethane	9.706	129	179	0.001	ppbv	61
49) Bromoform	12.410	173	38	0.000	ppbv #	27
50) 4-Methyl-2-Pentanone	8.201	43	24086	0.114	ppbv #	39
51) 2-Hexanone	9.494	43	19477	0.125	ppbv #	78
52) Tetrachloroethene	10.629	164	2102	0.032	ppbv #	14
53) Toluene	9.227	91	1885398	8.441	ppbv	100
54) 1,2-Dibromoethane	10.057	107	296	0.003	ppbv	100
56) 1,1,1,2-Tetrachloroethane	11.558	131	116	0.001	ppbv #	1
57) Chlorobenzene	11.536	112	422	0.002	ppbv #	84
58) Ethyl Benzene	12.102	91	610891	1.993	ppbv	100
59) m/p-Xylene	12.356	91	1729037	6.135	ppbv	96
60) o-Xylene	13.069	91	517483	1.913	ppbv	100
61) Styrene	12.912	104	2710	0.020	ppbv #	1
62) Isopropylbenzene	14.044	105	12226	0.031	ppbv #	75
63) 1,1,2,2-Tetrachloroethane	13.060	83	354	0.004	ppbv #	1
64) n-propylbenzene	14.934	120	1240	0.013	ppbv #	1
65) tert-Butylbenzene	16.101	119	2644	0.008	ppbv #	15
66) Benzyl Chloride	16.333	91	639	0.030	ppbv #	69
67) sec-Butylbenzene	16.654	105	4718	0.010	ppbv #	60
69) p-Isopropyltoluene	17.015	119	9519	0.025	ppbv #	46
70) n-Butylbenzene	17.908	91	5601	0.013	ppbv #	33
71) 2-Chlorotoluene	14.429	91	390	0.001	ppbv	72
72) 4-Ethyltoluene	15.211	105	25899	0.087	ppbv #	58
73) 1,3,5-Trimethylbenzene	15.368	105	12536	0.045	ppbv #	45
74) 1,2,4-Trimethylbenzene	16.124	105	140880	0.447	ppbv #	63
75) 1,3-Dichlorobenzene	16.346	146	29222	0.169	ppbv	80
76) 1,4-Dichlorobenzene	16.478	146	2088	0.012	ppbv #	1
77) 1,2-Dichlorobenzene	17.156	146	100	0.001	ppbv #	1
78) Hexachloro-1,3-Butadiene	22.664	225	114	0.001	ppbv #	18
79) Naphthalene	21.403	128	11774	0.055	ppbv #	93
80) Naphthalene,2-methyl-	24.403	142	216	0.003	ppbv #	1
81) 1,2,4-Trichlorobenzene	21.159	180	631	0.005	ppbv #	76

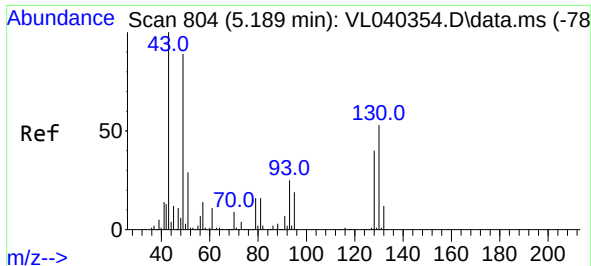
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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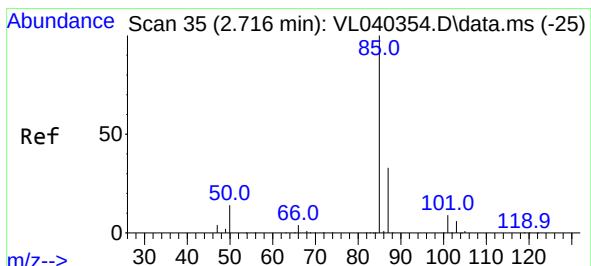
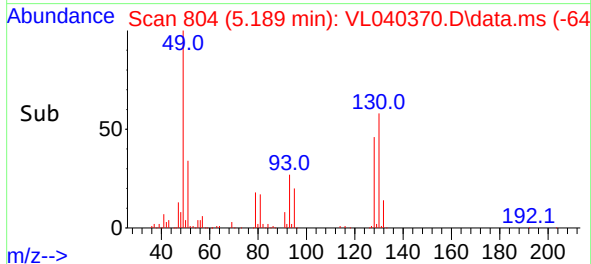
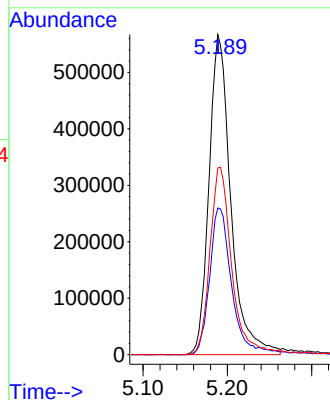
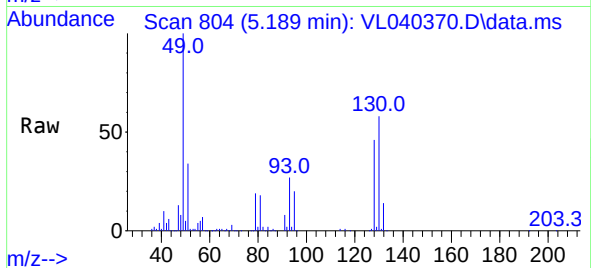




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.189 min Scan# 80
Delta R.T. -0.000 min
Lab File: VL040370.D
Acq: 13 Apr 2023 23:06

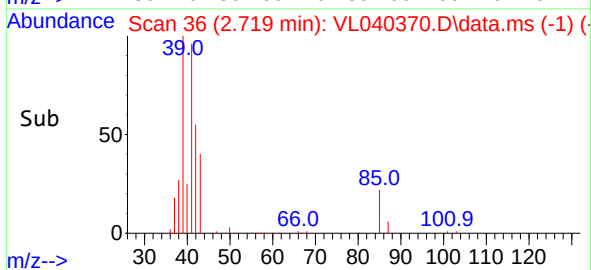
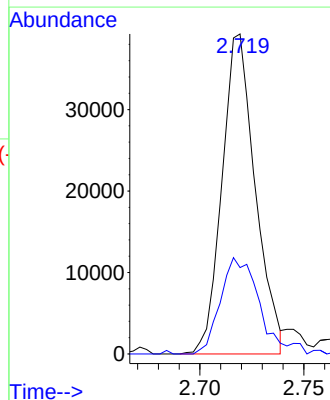
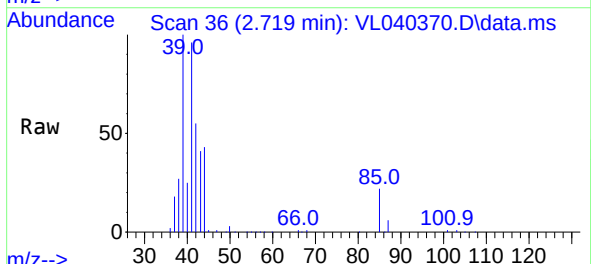
Instrument :
MSVOA_L
ClientSampleId :
SV-19-20230412

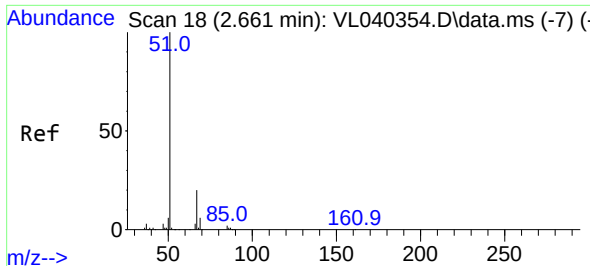
Tgt Ion: 49 Resp: 1020767
Ion Ratio Lower Upper
49 100
128 47.4 23.7 71.1
130 59.6 29.9 89.8



#2
Dichlorodifluoromethane
Concen: 0.238 ppbv
RT: 2.719 min Scan# 36
Delta R.T. 0.003 min
Lab File: VL040370.D
Acq: 13 Apr 2023 23:06

Tgt Ion: 85 Resp: 43731
Ion Ratio Lower Upper
85 100
87 27.0 26.6 40.0

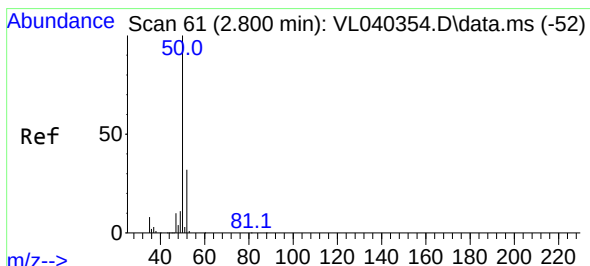
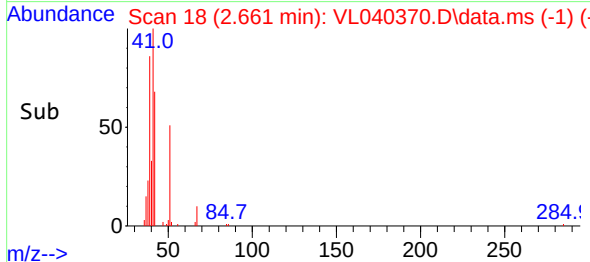
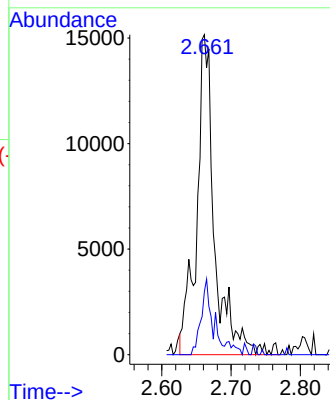
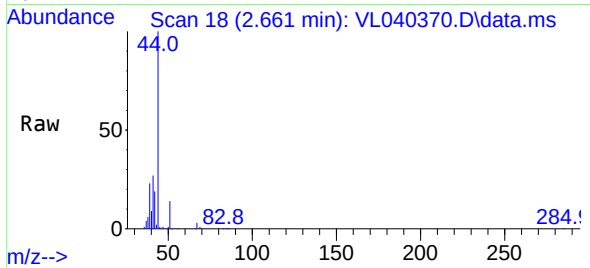




#3
Chlorodifluoromethane
Concen: 0.206 ppbv
RT: 2.661 min Scan# 11
Delta R.T. 0.000 min
Lab File: VL040370.D
Acq: 13 Apr 2023 23:06

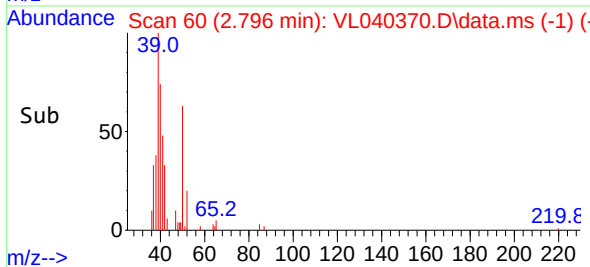
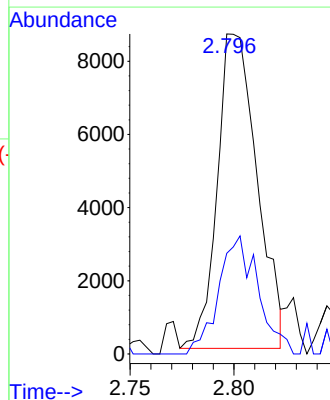
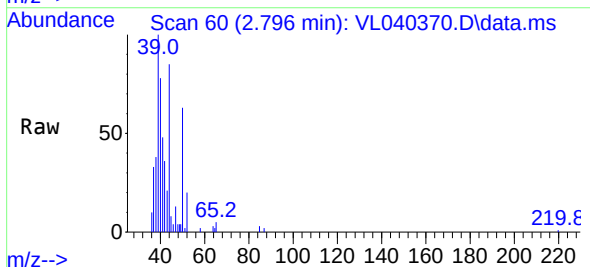
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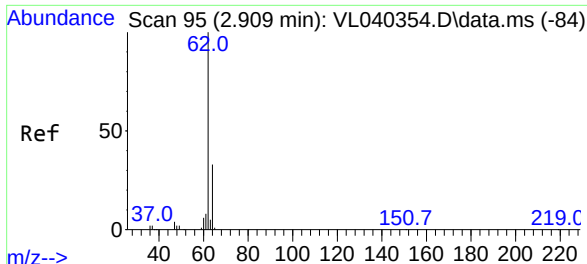
Tgt Ion: 51 Resp: 27496
Ion Ratio Lower Upper
51 100
67 18.1 15.5 23.3



#4
Chloromethane
Concen: 0.136 ppbv
RT: 2.796 min Scan# 60
Delta R.T. -0.003 min
Lab File: VL040370.D
Acq: 13 Apr 2023 23:06

Tgt Ion: 50 Resp: 11453
Ion Ratio Lower Upper
50 100
52 32.9 25.3 37.9

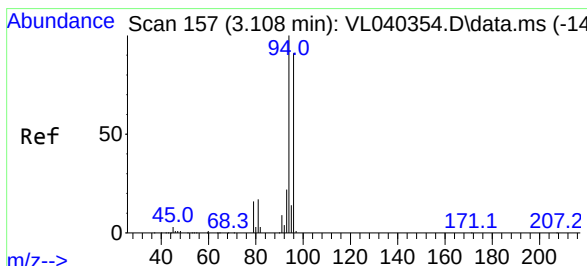
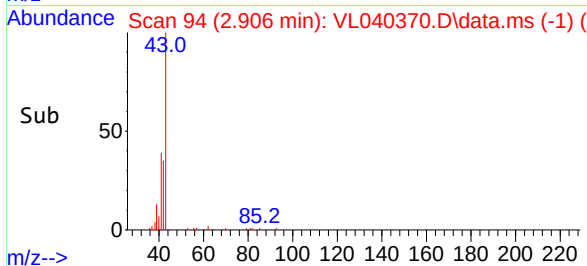
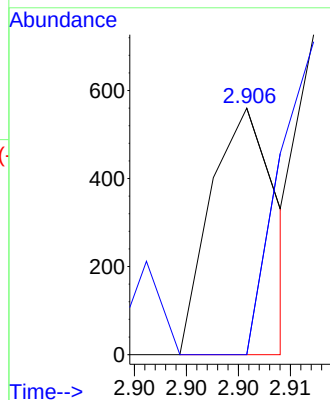
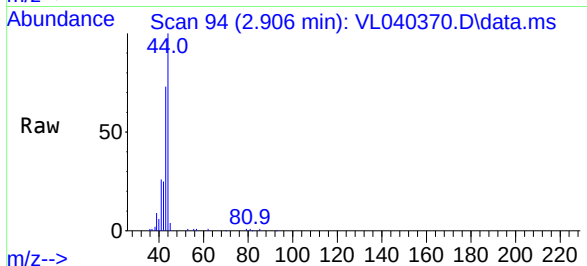




#5
 Vinyl Chloride
 Concen: 0.004 ppbv
 RT: 2.906 min Scan# 94
 Delta R.T. -0.003 min
 Lab File: VL040370.D
 Acq: 13 Apr 2023 23:06

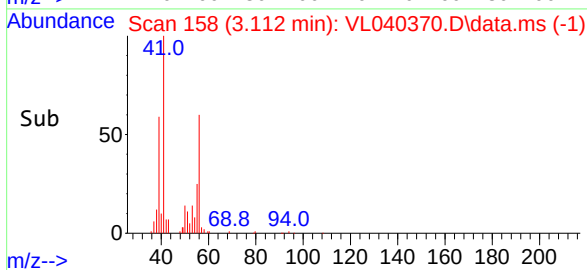
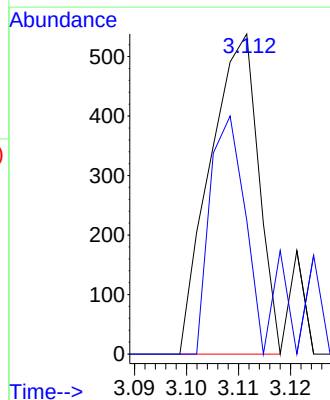
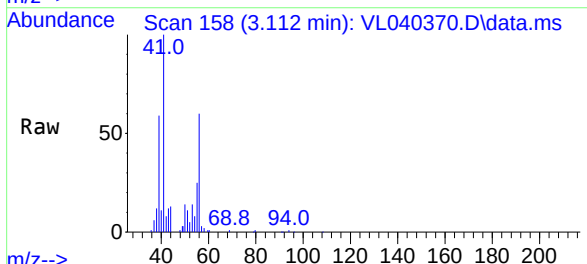
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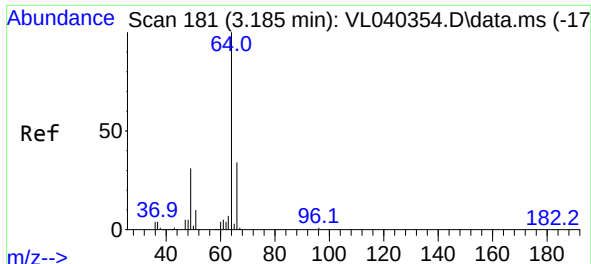
Tgt Ion: 62 Resp: 250
 Ion Ratio Lower Upper
 62 100
 64 0.0 26.3 39.5#



#6
 Bromomethane
 Concen: 0.015 ppbv
 RT: 3.112 min Scan# 158
 Delta R.T. 0.003 min
 Lab File: VL040370.D
 Acq: 13 Apr 2023 23:06

Tgt Ion: 94 Resp: 348
 Ion Ratio Lower Upper
 94 100
 96 41.8 72.6 108.8#

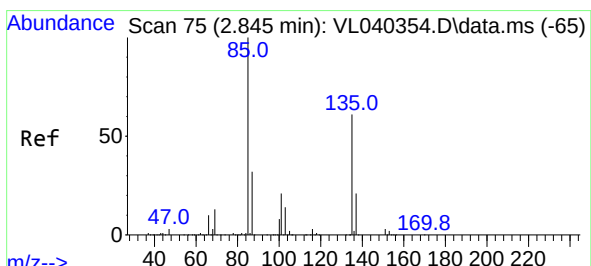
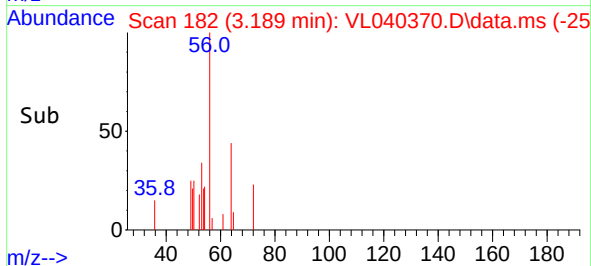
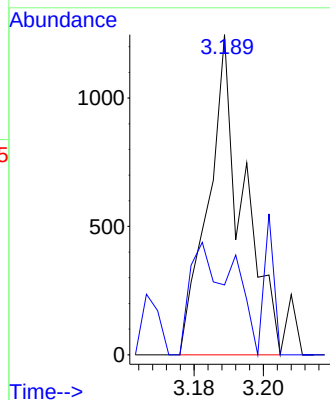
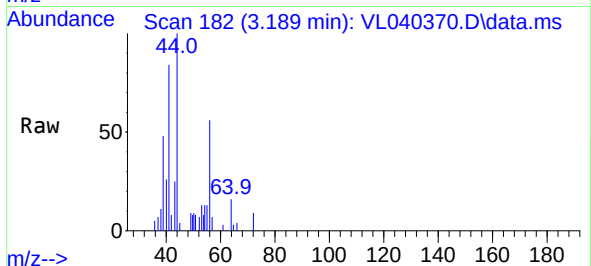




#7
Chloroethane
Concen: 0.033 ppbv
RT: 3.189 min Scan# 11
Delta R.T. 0.003 min
Lab File: VL040370.D
Acq: 13 Apr 2023 23:06

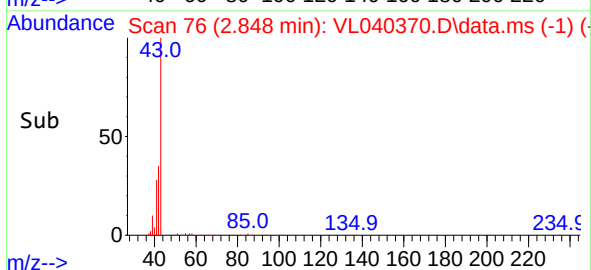
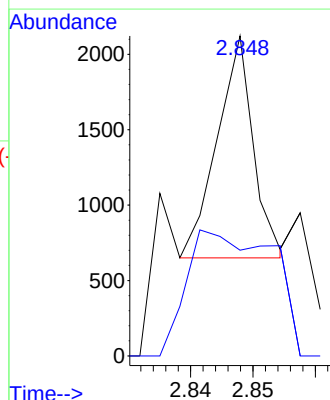
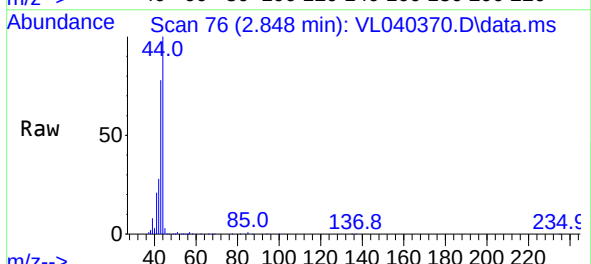
Instrument :
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SV-19-20230412

Tgt Ion: 64 Resp: 869
Ion Ratio Lower Upper
64 100
66 21.8 27.5 41.3#

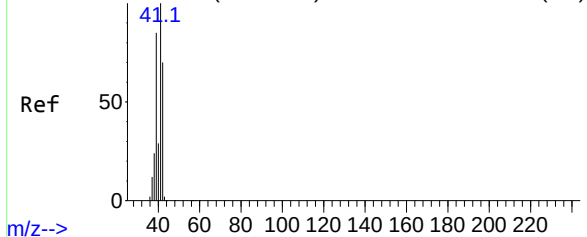


#8
Dichlorotetrafluoroethane
Concen: 0.003 ppbv
RT: 2.848 min Scan# 76
Delta R.T. 0.003 min
Lab File: VL040370.D
Acq: 13 Apr 2023 23:06

Tgt Ion: 85 Resp: 593
Ion Ratio Lower Upper
85 100
135 133.9 50.7 76.1#



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



#9

Propene

Concen: 79.599 ppbv

RT: 2.684 min Scan# 21

Delta R.T. 0.003 min

Lab File: VL040370.D

Acq: 13 Apr 2023 23:06

Instrument :

MSVOA_1

ClientSampleId :

SV-19-20230412

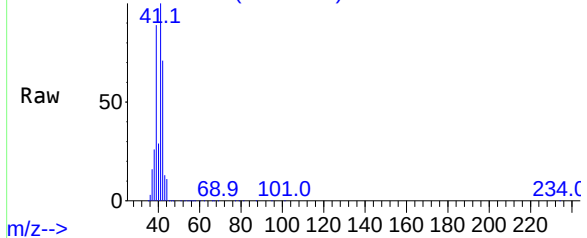
Tgt Ion: 41 Resp: 4194523

Ion Ratio Lower Upper

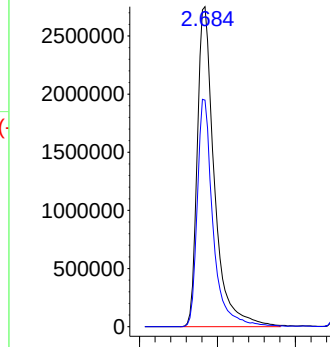
41 100

42 65.7 56.5 84.7

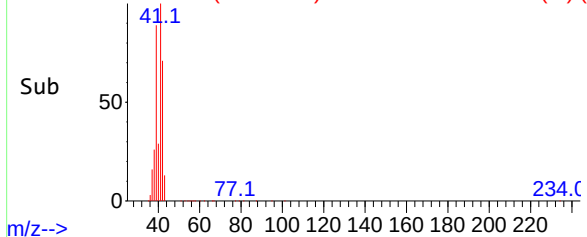
Abundance Scan 25 (2.684 min): VL040370.D\data.ms



Abundance

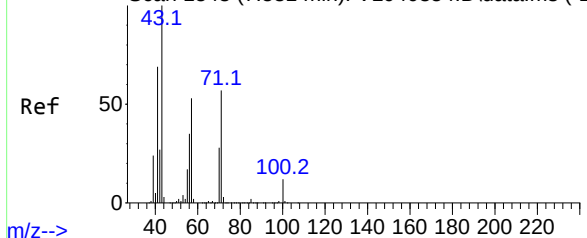


Abundance Scan 25 (2.684 min): VL040370.D\data.ms (-1)



Time-->

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



#10

Heptane

Concen: 2.727 ppbv

RT: 7.584 min Scan# 1549

Delta R.T. 0.003 min

Lab File: VL040370.D

Acq: 13 Apr 2023 23:06

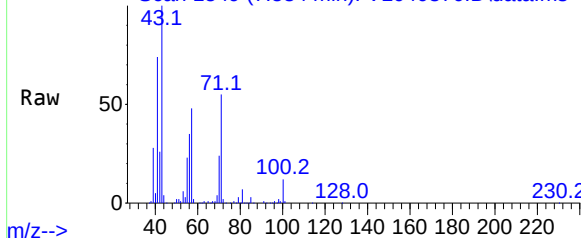
Tgt Ion: 43 Resp: 326530

Ion Ratio Lower Upper

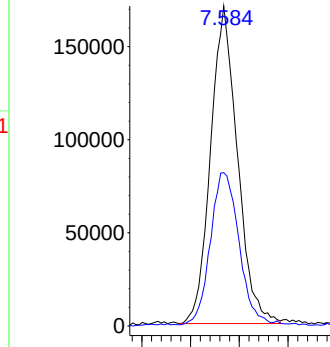
43 100

57 53.0 42.2 63.4

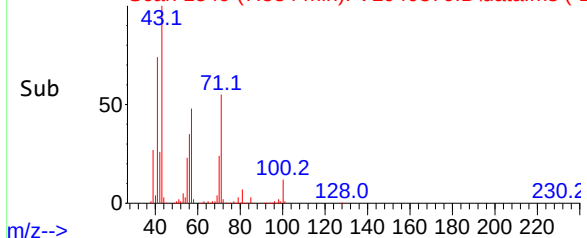
Abundance Scan 1549 (7.584 min): VL040370.D\data.ms



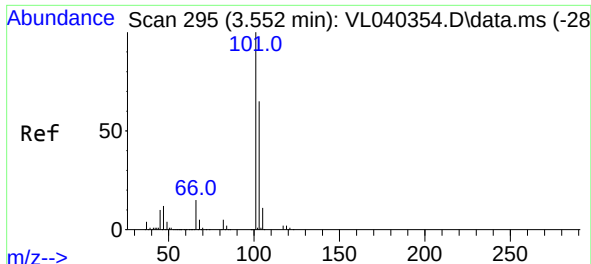
Abundance



Abundance Scan 1549 (7.584 min): VL040370.D\data.ms (-1)



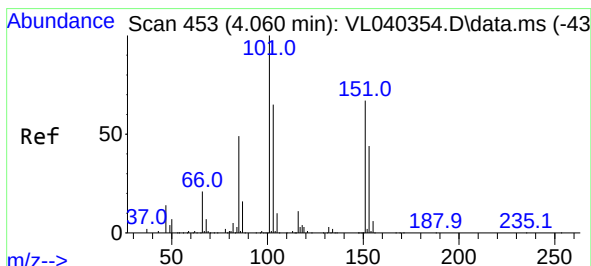
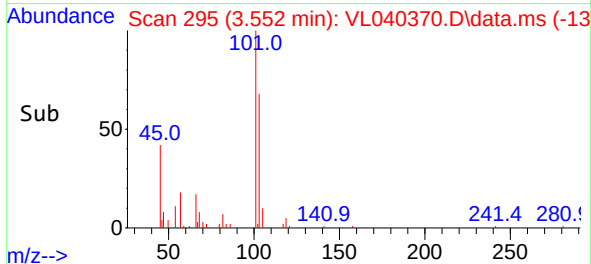
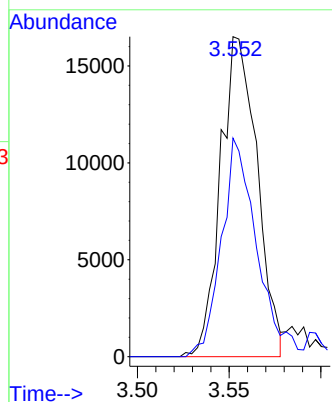
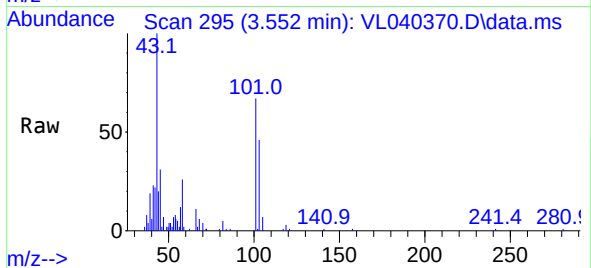
Time-->



#11
 Trichlorofluoromethane
 Concen: 0.123 ppbv
 RT: 3.552 min Scan# 295
 Delta R.T. 0.000 min
 Lab File: VL040370.D
 Acq: 13 Apr 2023 23:06

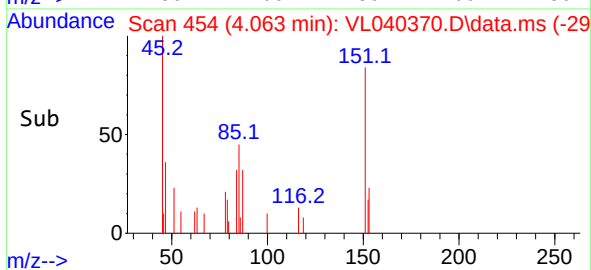
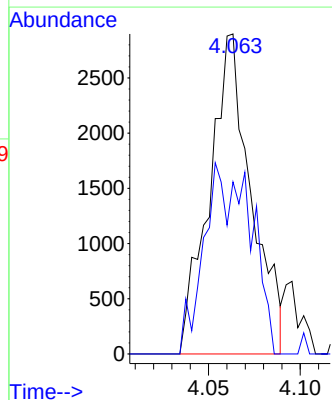
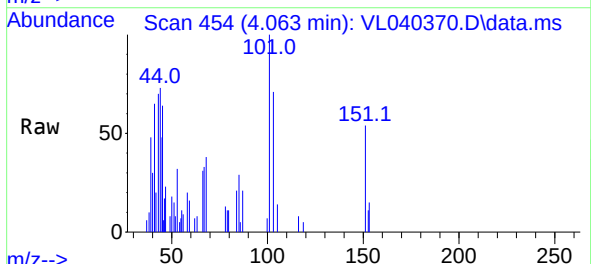
Instrument :
 MSVOA_L
 ClientSampleId :
 SV-19-20230412

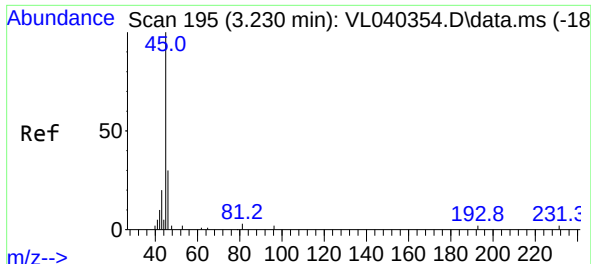
Tgt Ion:101 Resp: 22894
 Ion Ratio Lower Upper
 101 100
 103 68.3 52.2 78.4



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.035 ppbv
 RT: 4.063 min Scan# 454
 Delta R.T. 0.003 min
 Lab File: VL040370.D
 Acq: 13 Apr 2023 23:06

Tgt Ion:101 Resp: 4606
 Ion Ratio Lower Upper
 101 100
 151 66.6 54.7 82.1





#13

Ethanol

Concen: 59.686 ppbv

RT: 3.227 min Scan# 194

Delta R.T. -0.003 min

Lab File: VL040370.D

Acq: 13 Apr 2023 23:06

Instrument :

MSVOA_L

ClientSampleId :

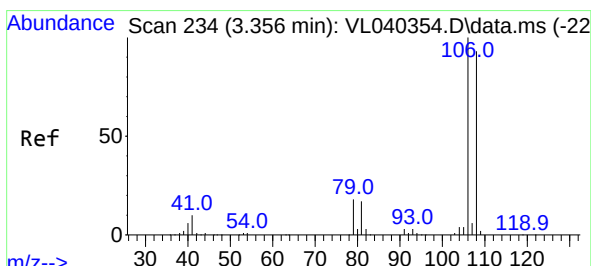
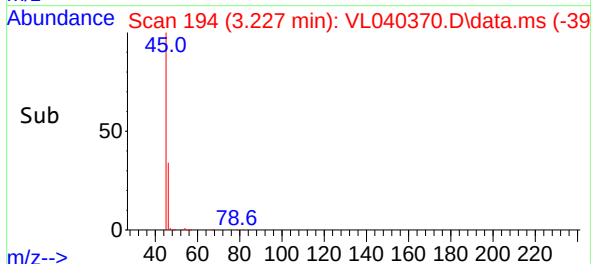
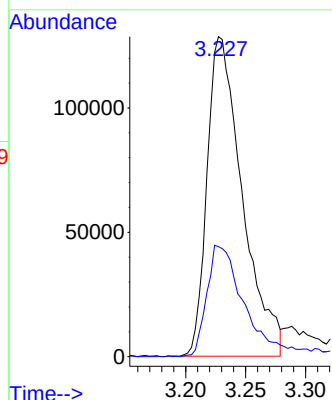
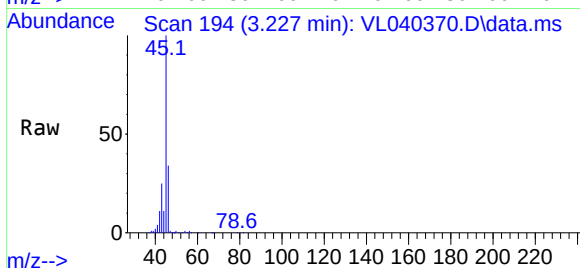
SV-19-20230412

Tgt Ion: 45 Resp: 262564

Ion Ratio Lower Upper

45 100

46 40.0 15.3 61.3



#14

Bromoethene

Concen: 0.001 ppbv

RT: 3.385 min Scan# 243

Delta R.T. 0.029 min

Lab File: VL040370.D

Acq: 13 Apr 2023 23:06

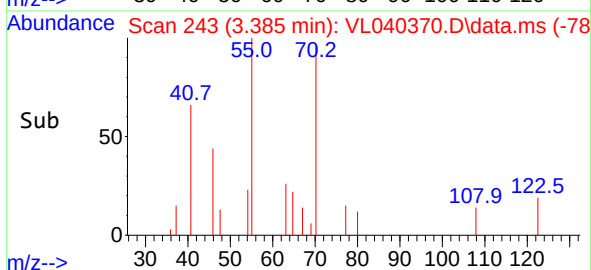
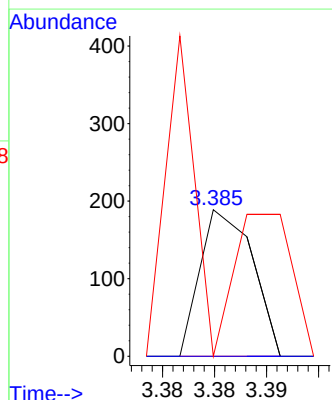
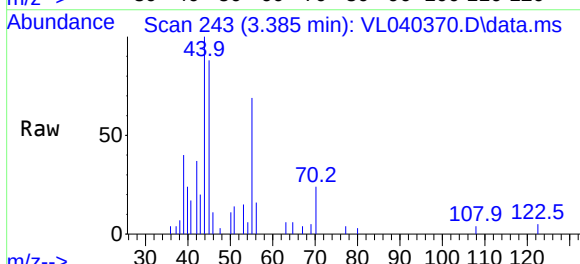
Tgt Ion: 108 Resp: 66

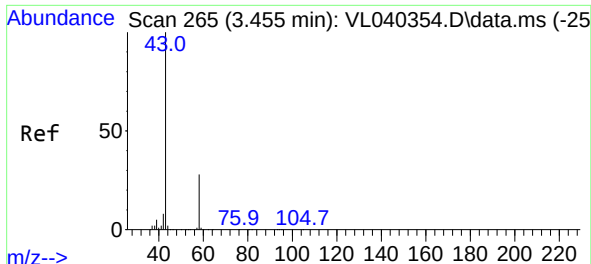
Ion Ratio Lower Upper

108 100

106 0.0 88.3 132.5#

79 210.6 16.1 24.1#

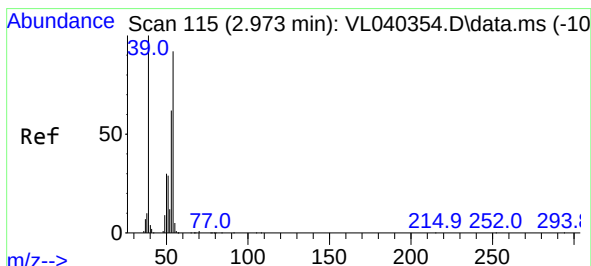
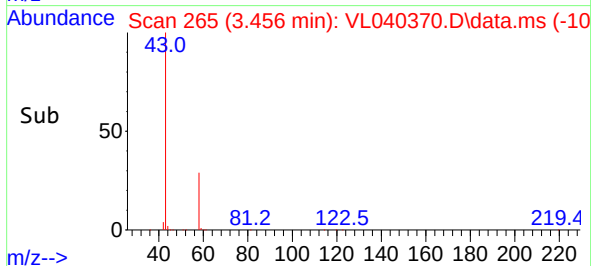
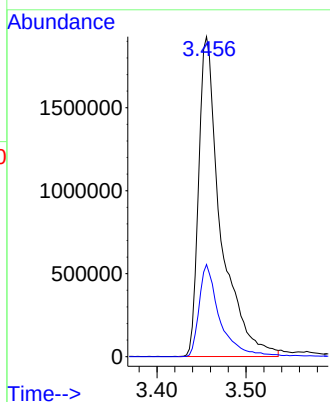
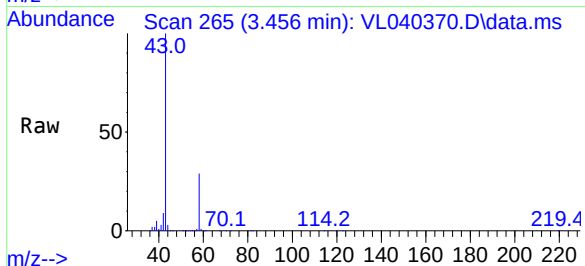




#15
Acetone
Concen: 22.813 ppbv
RT: 3.456 min Scan# 210
Delta R.T. 0.000 min
Lab File: VL040370.D
Acq: 13 Apr 2023 23:06

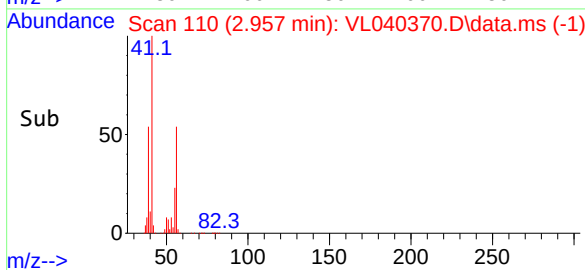
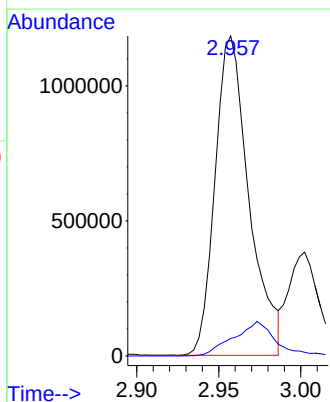
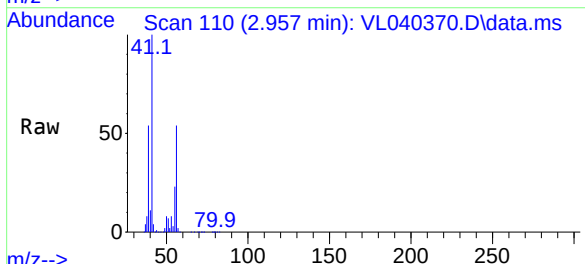
Instrument :
MSVOA_L
ClientSampleId :
SV-19-20230412

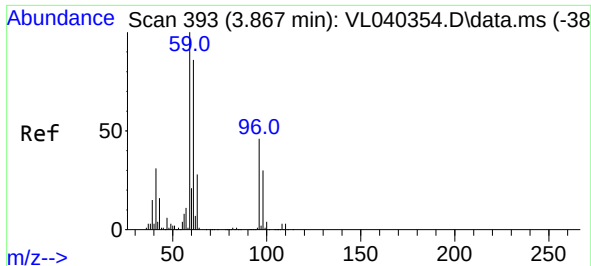
Tgt Ion: 43 Resp: 3298191
Ion Ratio Lower Upper
43 100
58 27.9 22.2 33.2



#16
1,3-Butadiene
Concen: 28.502 ppbv
RT: 2.957 min Scan# 110
Delta R.T. -0.016 min
Lab File: VL040370.D
Acq: 13 Apr 2023 23:06

Tgt Ion: 39 Resp: 1705368
Ion Ratio Lower Upper
39 100
54 13.5 68.8 103.2#





#17

tert-Butyl alcohol

Concen: 2.048 ppbv

RT: 3.874 min Scan# 393

Delta R.T. 0.007 min

Lab File: VL040370.D

Acq: 13 Apr 2023 23:06

Instrument :

MSVOA_L

ClientSampleId :

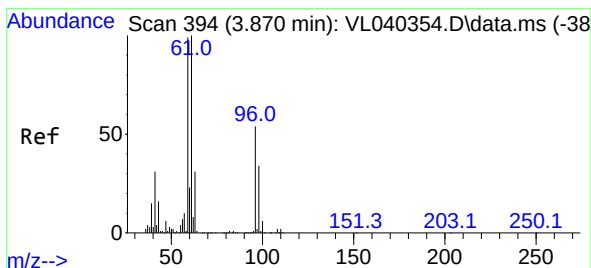
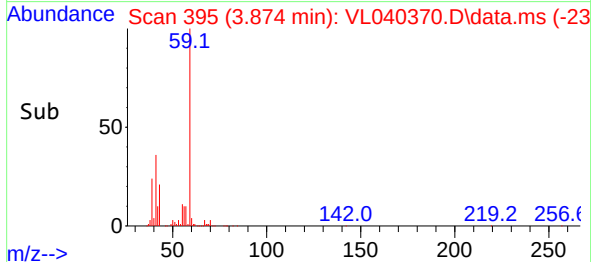
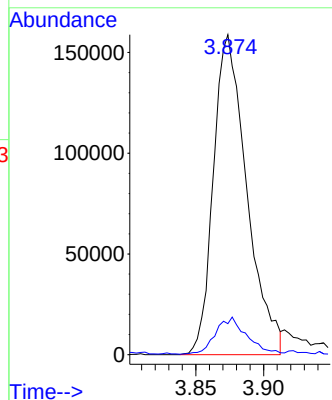
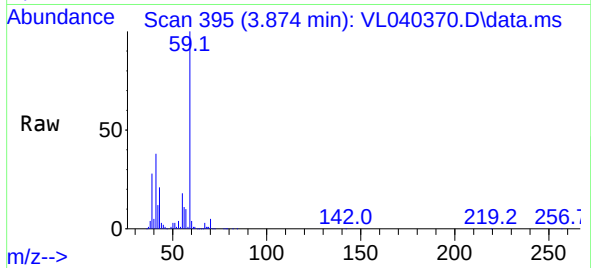
SV-19-20230412

Tgt Ion: 59 Resp: 271918

Ion Ratio Lower Upper

59 100

57 12.3 8.5 12.7



#18

1,1-Dichloroethene

Concen: 0.002 ppbv

RT: 3.848 min Scan# 387

Delta R.T. -0.022 min

Lab File: VL040370.D

Acq: 13 Apr 2023 23:06

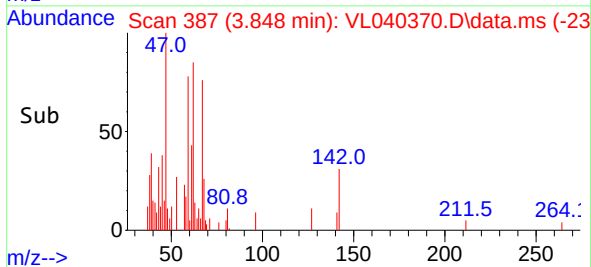
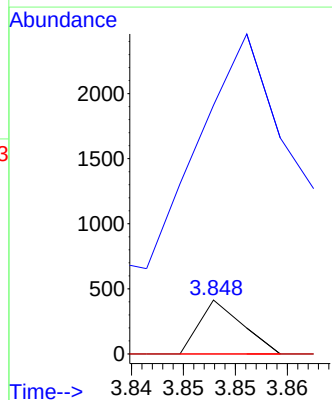
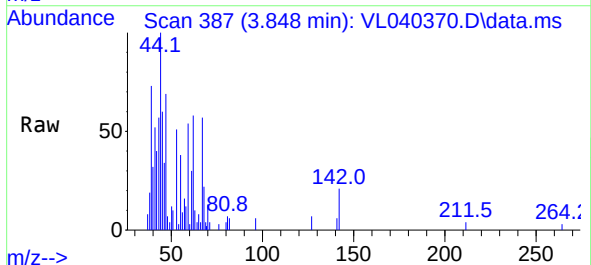
Tgt Ion: 96 Resp: 118

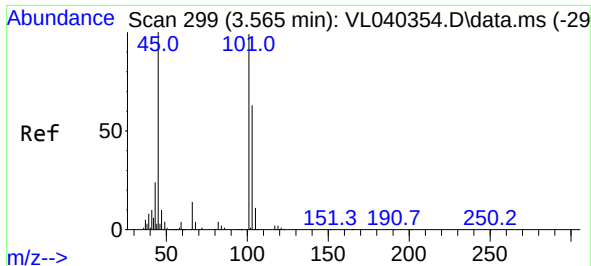
Ion Ratio Lower Upper

96 100

61 145.7 148.3 222.5#

98 0.0 49.8 74.8#





#19

Isopropyl Alcohol

Concen: 1.069 ppbv

RT: 3.568 min Scan# 300

Delta R.T. 0.003 min

Lab File: VL040370.D

Acq: 13 Apr 2023 23:06

Instrument :

MSVOA_1

ClientSampleId :

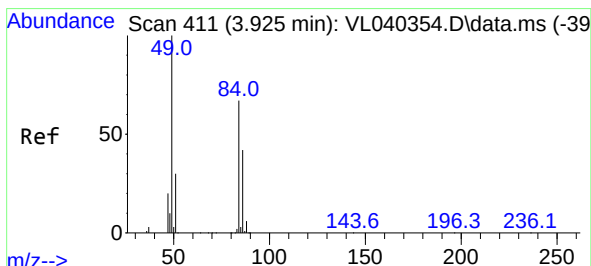
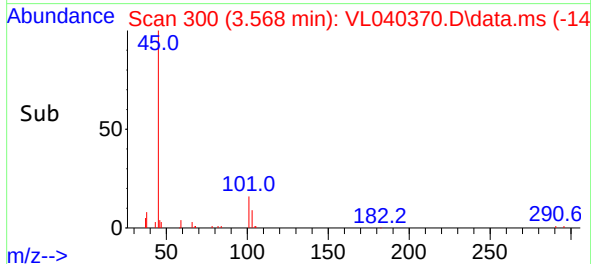
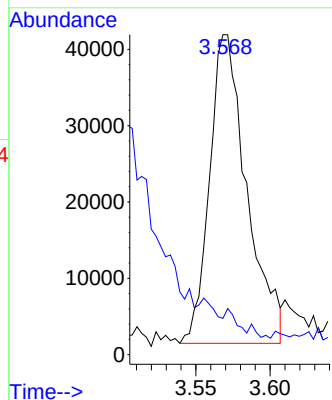
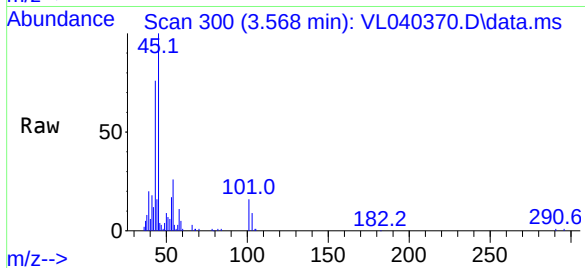
SV-19-20230412

Tgt Ion: 45 Resp: 70546

Ion Ratio Lower Upper

45 100

58 0.0 2.6 4.0#



#20

Methylene Chloride

Concen: 0.474 ppbv

RT: 3.925 min Scan# 411

Delta R.T. 0.000 min

Lab File: VL040370.D

Acq: 13 Apr 2023 23:06

Tgt Ion: 84 Resp: 27361

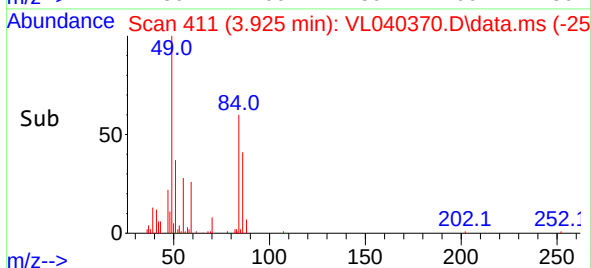
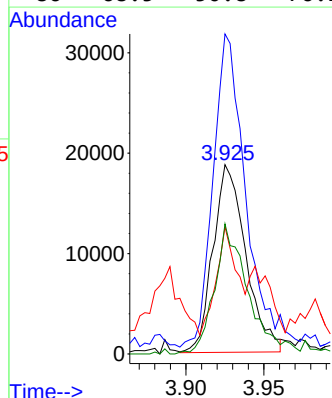
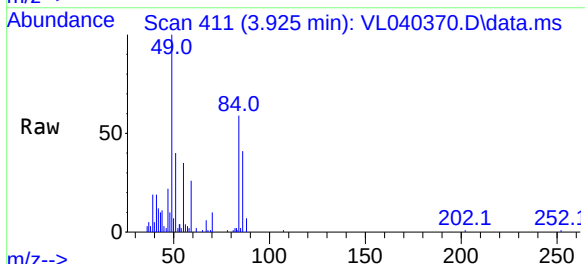
Ion Ratio Lower Upper

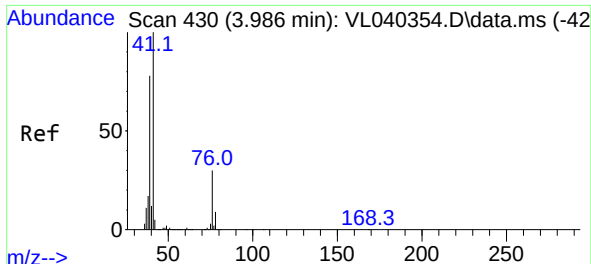
84 100

49 167.3 120.1 180.1

51 50.1 36.3 54.5

86 68.5 50.8 76.2





#21

Allyl Chloride

Concen: 0.194 ppbv

RT: 3.980 min Scan# 41

Delta R.T. -0.006 min

Lab File: VL040370.D

Acq: 13 Apr 2023 23:06

Instrument :

MSVOA_L

ClientSampleId :

SV-19-20230412

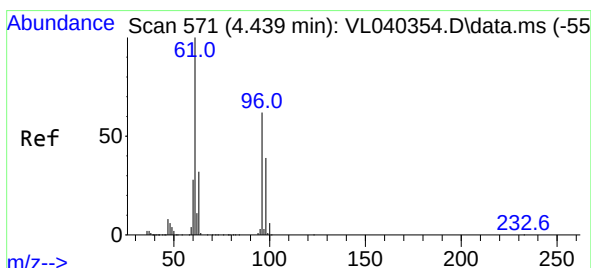
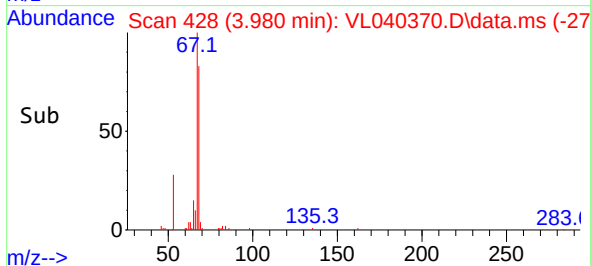
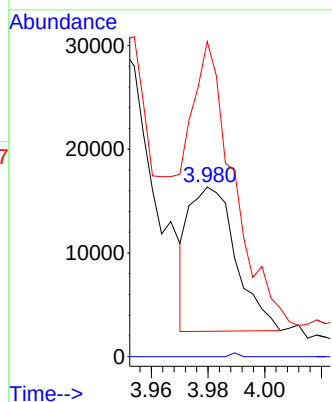
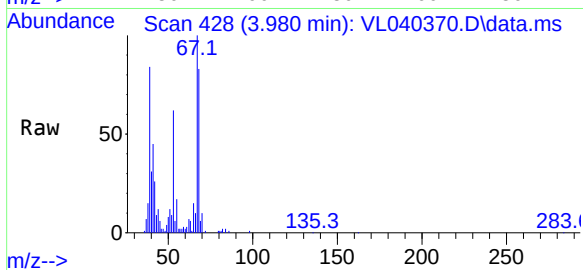
Tgt Ion: 41 Resp: 15943

Ion Ratio Lower Upper

41 100

76 0.0 25.5 38.3#

39 0.0 64.0 96.0#



#22

trans-1,2-Dichloroethene

Concen: 0.002 ppbv

RT: 4.443 min Scan# 572

Delta R.T. 0.003 min

Lab File: VL040370.D

Acq: 13 Apr 2023 23:06

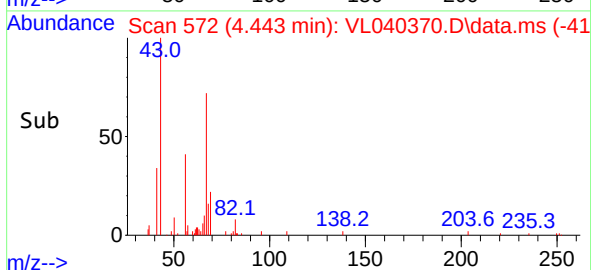
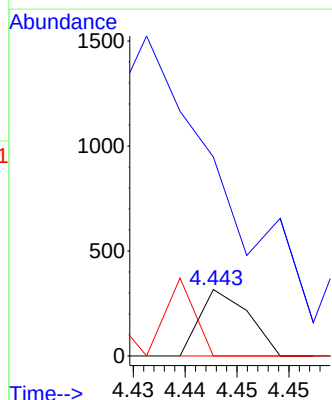
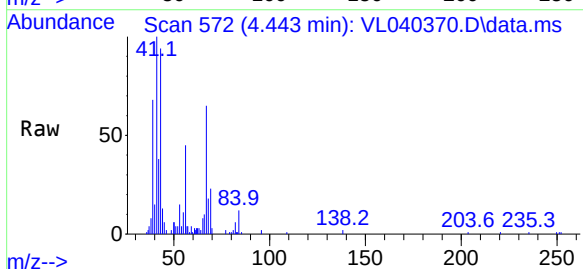
Tgt Ion: 96 Resp: 103

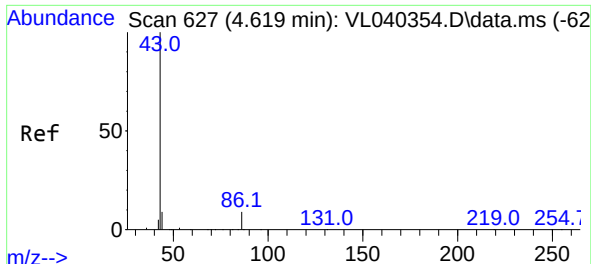
Ion Ratio Lower Upper

96 100

61 299.4 129.4 194.2#

98 0.0 51.0 76.4#

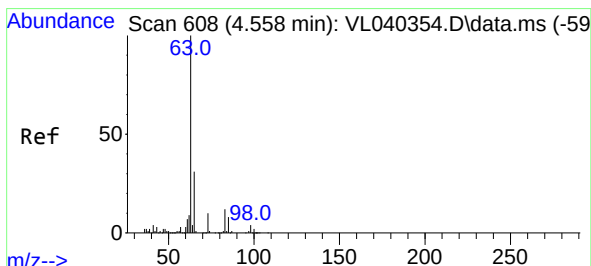
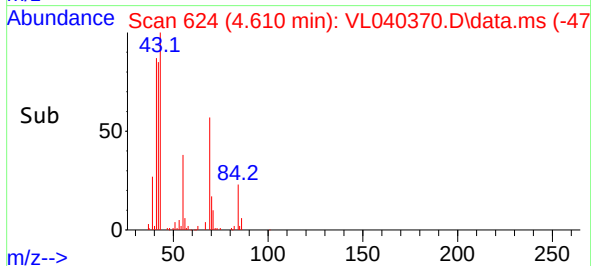
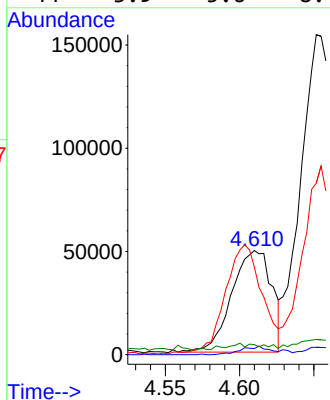
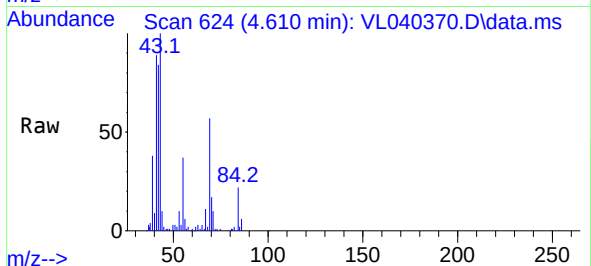




#23
 Vinyl Acetate
 Concen: 2.512 ppbv
 RT: 4.610 min Scan# 61
 Delta R.T. -0.010 min
 Lab File: VL040370.D
 Acq: 13 Apr 2023 23:06

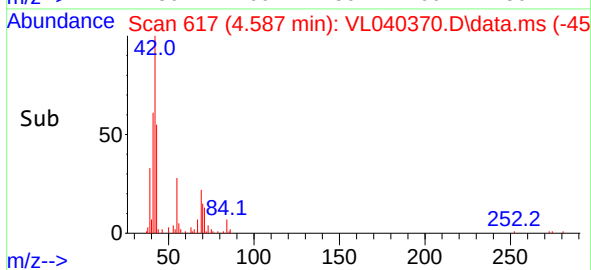
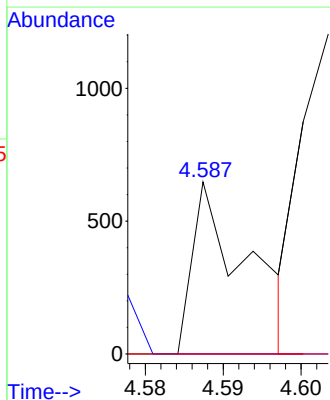
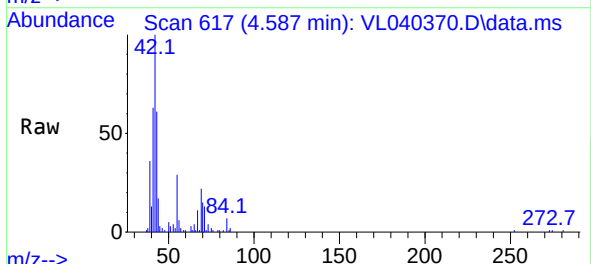
Instrument :
 MSVOA_L
 ClientSampleId :
 SV-19-20230412

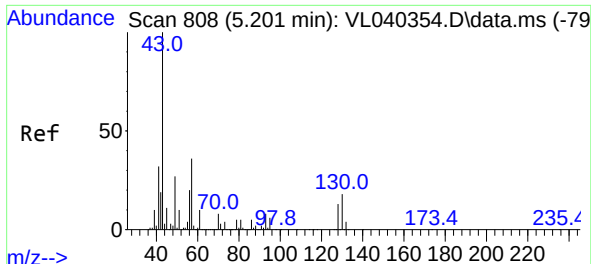
Tgt Ion: 43	Resp: 92465
Ion Ratio	Lower Upper
43 100	
86 6.1	6.0 9.0
42 83.5	6.4 9.6#
44 3.9	5.6 8.4#



#24
 1,1-Dichloroethane
 Concen: 0.003 ppbv
 RT: 4.587 min Scan# 617
 Delta R.T. 0.029 min
 Lab File: VL040370.D
 Acq: 13 Apr 2023 23:06

Tgt Ion: 63	Resp: 314
Ion Ratio	Lower Upper
63 100	
98 0.0	2.1 6.2#
100 0.0	1.2 3.6#

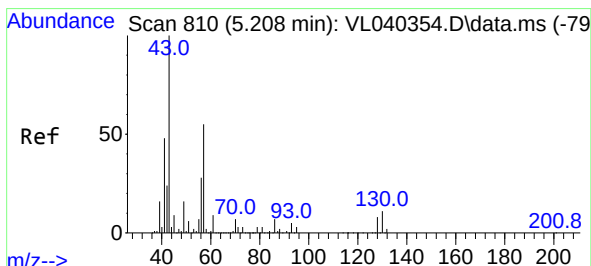
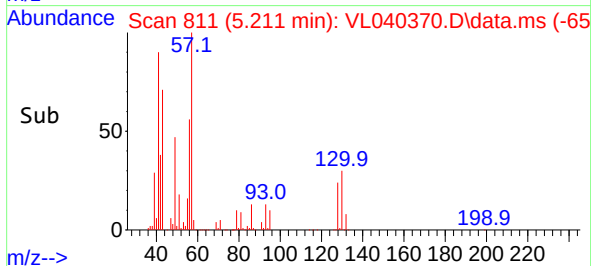
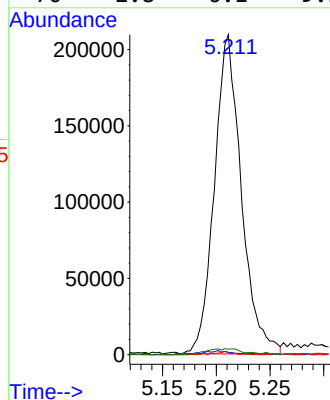
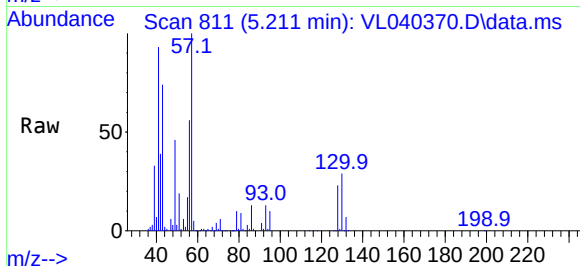




#25
Ethyl Acetate
Concen: 1.497 ppbv
RT: 5.211 min Scan# 811
Delta R.T. 0.010 min
Lab File: VL040370.D
Acq: 13 Apr 2023 23:06

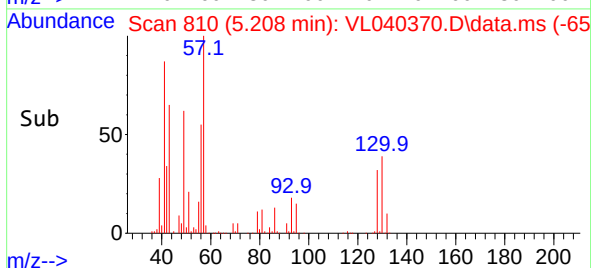
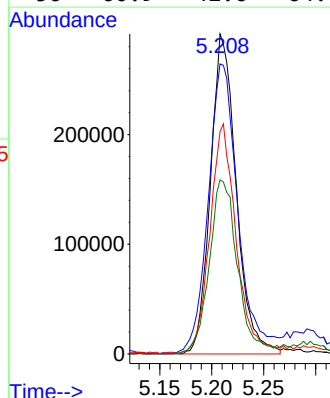
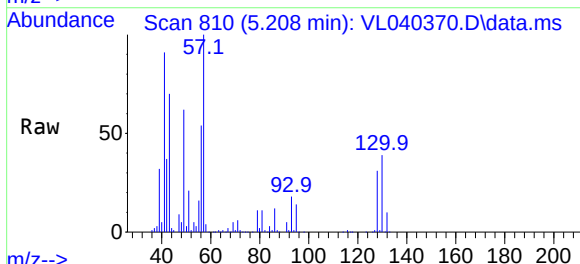
Instrument :
MSVOA_1
ClientSampleId :
SV-19-20230412

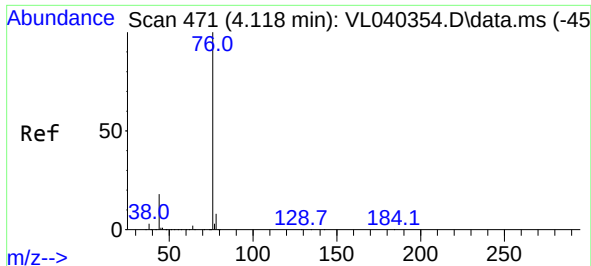
Tgt Ion: 43 Resp: 364261
Ion Ratio Lower Upper
43 100
45 1.5 8.5 12.7#
61 0.7 8.5 12.7#
70 2.8 6.1 9.1#



#26
Hexane
Concen: 4.903 ppbv
RT: 5.208 min Scan# 810
Delta R.T. 0.000 min
Lab File: VL040370.D
Acq: 13 Apr 2023 23:06

Tgt Ion: 57 Resp: 502803
Ion Ratio Lower Upper
57 100
41 106.5 74.8 112.2
43 76.4 192.7 289.1#
56 60.9 42.6 64.0

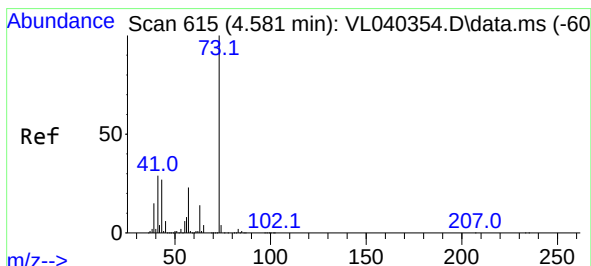
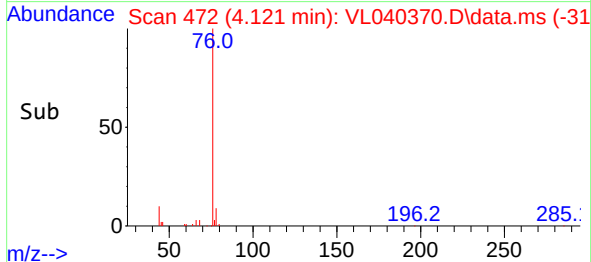
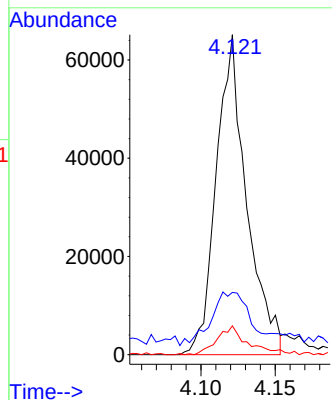
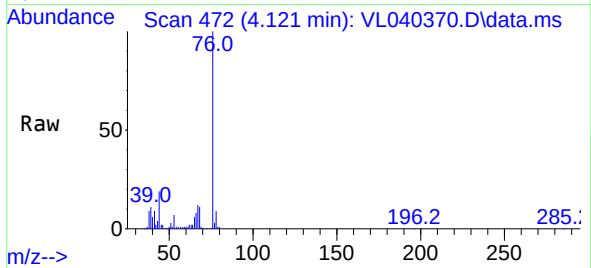




#27
Carbon Disulfide
Concen: 0.700 ppbv
RT: 4.121 min Scan# 41
Delta R.T. 0.003 min
Lab File: VL040370.D
Acq: 13 Apr 2023 23:06

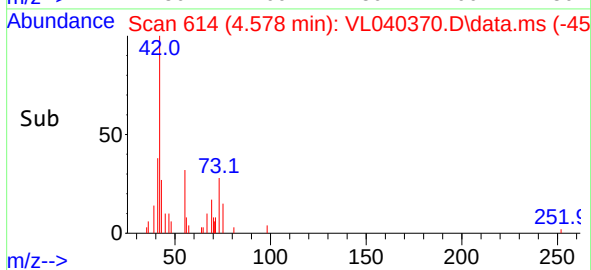
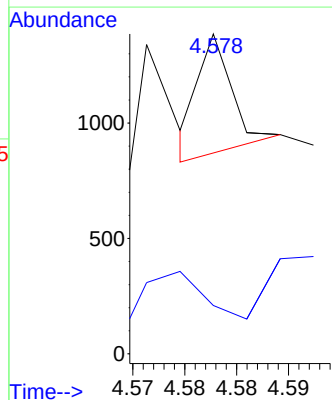
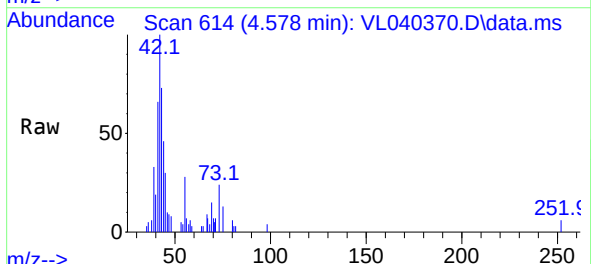
Instrument :
MSVOA_1
ClientSampleId :
SV-19-20230412

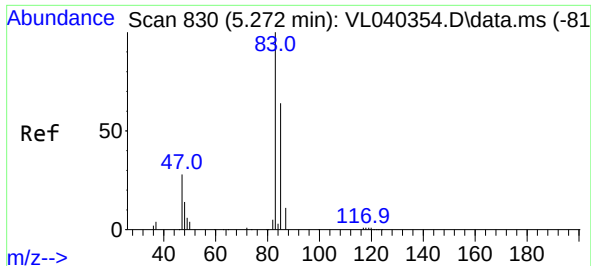
Tgt Ion: 76 Resp: 92878
Ion Ratio Lower Upper
76 100
44 22.6 14.7 22.1#
78 9.5 7.7 11.5



#28
Methyl tert-Butyl Ether
Concen: 0.001 ppbv
RT: 4.578 min Scan# 614
Delta R.T. -0.003 min
Lab File: VL040370.D
Acq: 13 Apr 2023 23:06

Tgt Ion: 73 Resp: 120
Ion Ratio Lower Upper
73 100
57 0.0 18.6 27.8#





#29

Chloroform

Concen: 0.001 ppbv

RT: 4.899 min Scan# 71

Delta R.T. -0.373 min

Lab File: VL040370.D

Acq: 13 Apr 2023 23:06

Instrument :

MSVOA_L

ClientSampleId :

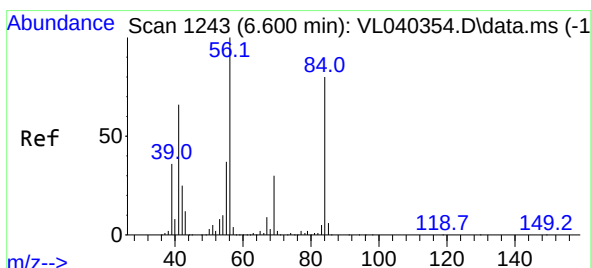
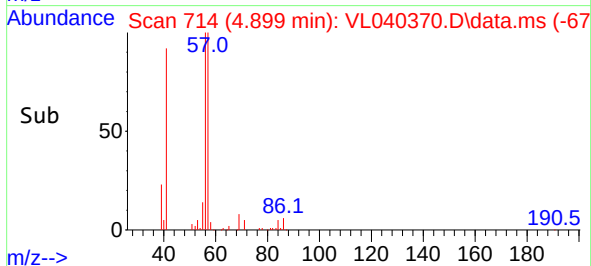
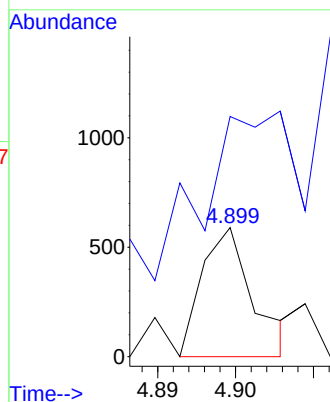
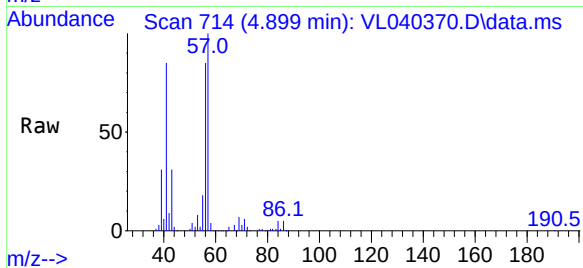
SV-19-20230412

Tgt Ion: 83 Resp: 269

Ion Ratio Lower Upper

83 100

85 51.4 51.0 76.4



#30

Cyclohexane

Concen: 0.562 ppbv

RT: 6.603 min Scan# 1244

Delta R.T. 0.003 min

Lab File: VL040370.D

Acq: 13 Apr 2023 23:06

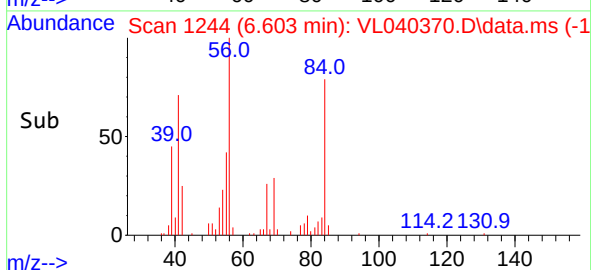
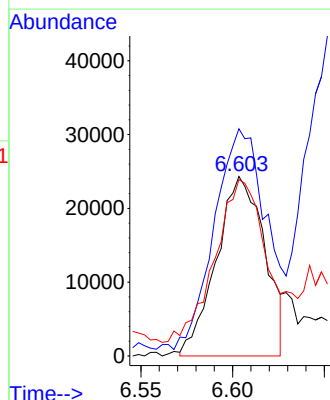
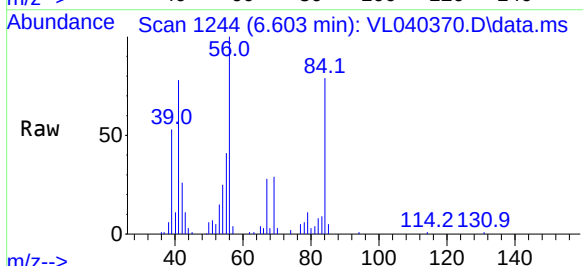
Tgt Ion: 84 Resp: 44615

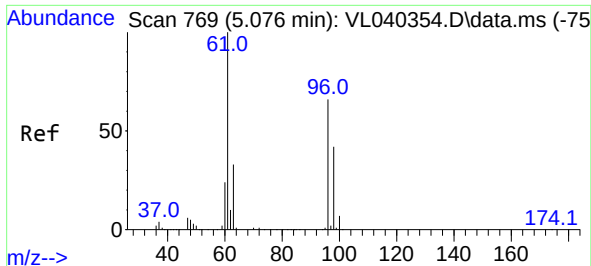
Ion Ratio Lower Upper

84 100

56 139.3 107.0 160.6

41 111.4 66.7 100.1#

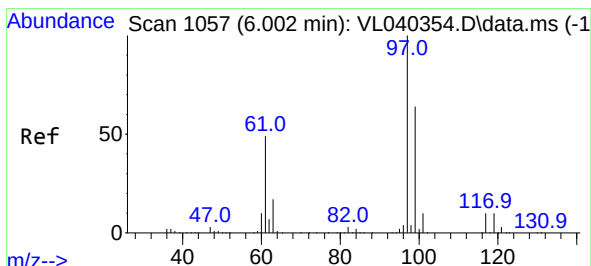
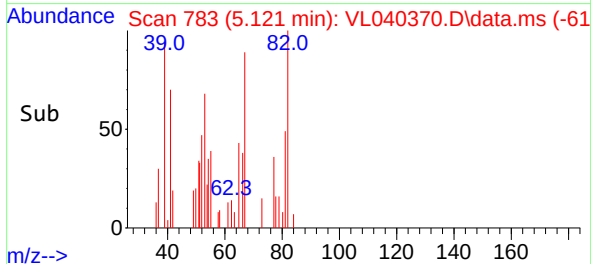
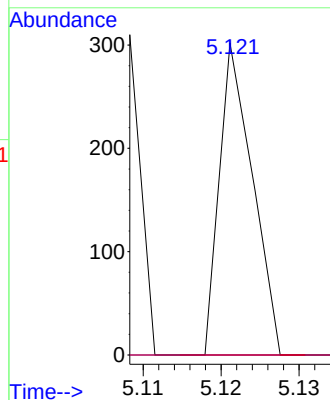
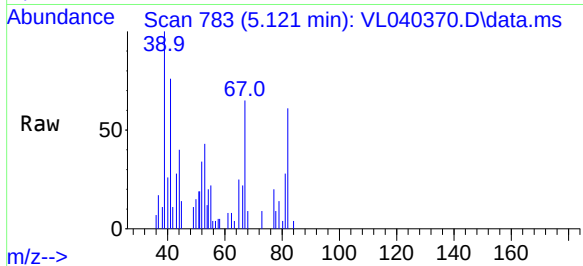




#31
 cis-1,2-Dichloroethene
 Concen: 0.001 ppbv
 RT: 5.121 min Scan# 71
 Delta R.T. 0.045 min
 Lab File: VL040370.D
 Acq: 13 Apr 2023 23:06

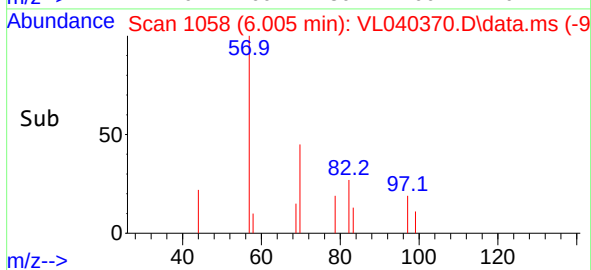
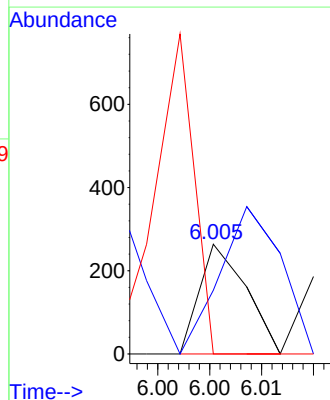
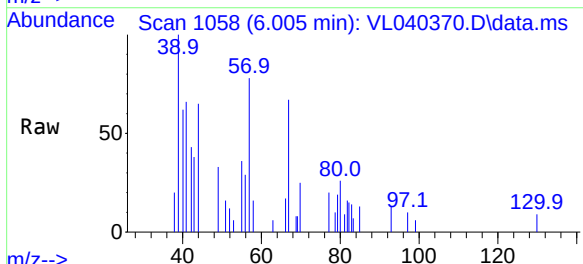
Instrument :
 MSVOA_1
 ClientSampleId :
 SV-19-20230412

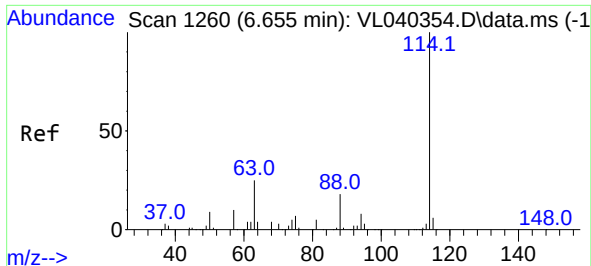
Tgt Ion: 61 Resp: 89
 Ion Ratio Lower Upper
 61 100
 96 0.0 53.0 79.4#
 98 0.0 33.8 50.8#



#32
 1,1,1-Trichloroethane
 Concen: 0.000 ppbv
 RT: 6.005 min Scan# 1058
 Delta R.T. 0.003 min
 Lab File: VL040370.D
 Acq: 13 Apr 2023 23:06

Tgt Ion: 97 Resp: 82
 Ion Ratio Lower Upper
 97 100
 99 315.9 51.8 77.8#
 61 1285.4 40.4 60.6#

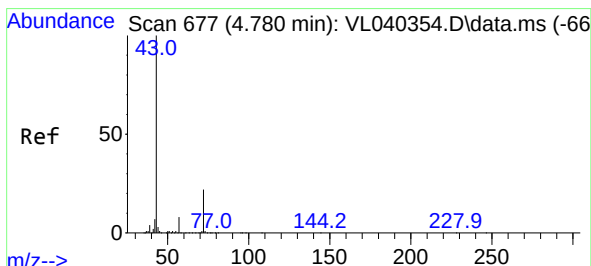
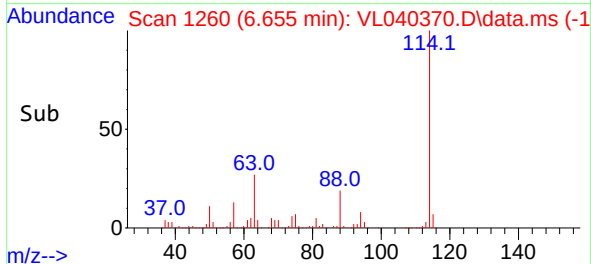
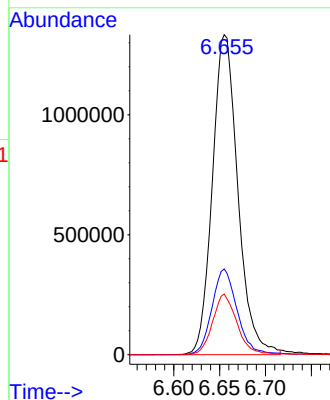
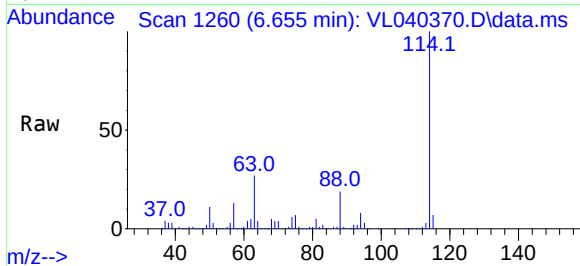




#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.655 min Scan# 114
Delta R.T. 0.000 min
Lab File: VL040370.D
Acq: 13 Apr 2023 23:06

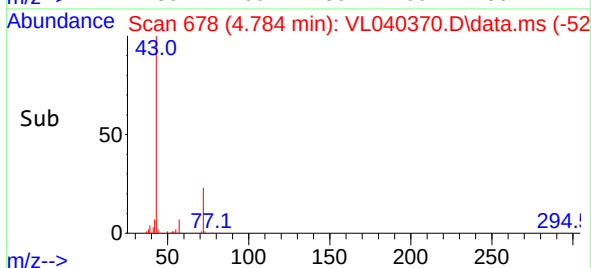
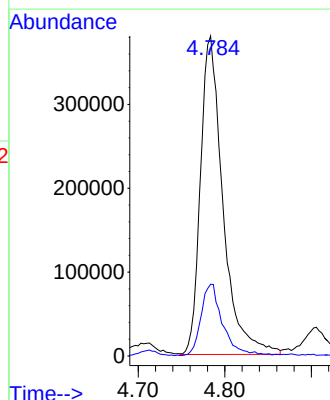
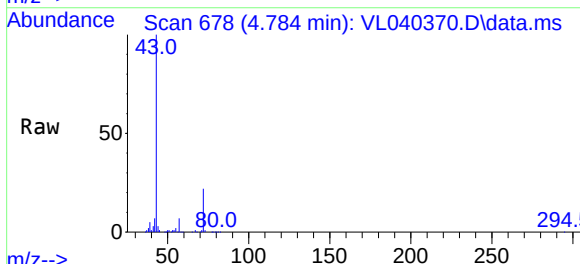
Instrument :
MSVOA_L
ClientSampleId :
SV-19-20230412

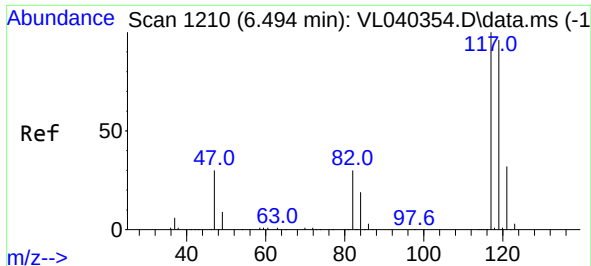
Tgt Ion:114 Resp: 2582284
Ion Ratio Lower Upper
114 100
63 26.9 21.4 32.0
88 18.2 14.6 22.0



#34
2-Butanone
Concen: 4.925 ppbv
RT: 4.784 min Scan# 678
Delta R.T. 0.003 min
Lab File: VL040370.D
Acq: 13 Apr 2023 23:06

Tgt Ion: 43 Resp: 685814
Ion Ratio Lower Upper
43 100
72 22.4 18.4 27.6

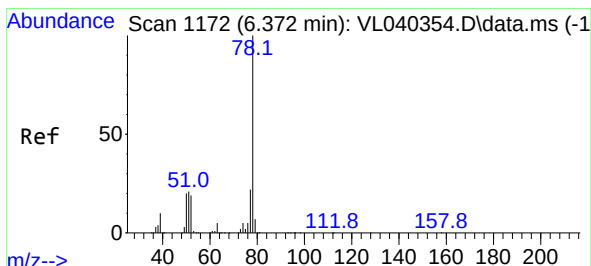
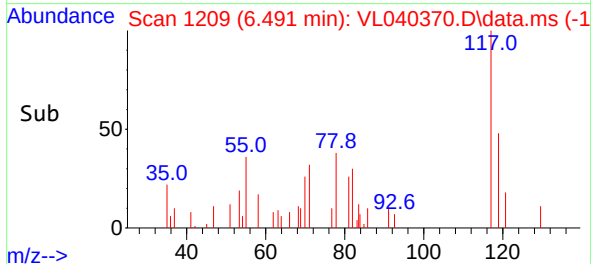
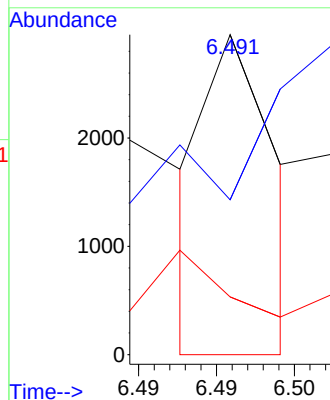
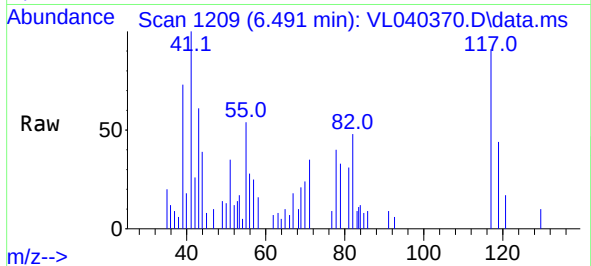




#35
Carbon Tetrachloride
Concen: 0.005 ppbv
RT: 6.491 min Scan# 1170
Delta R.T. -0.003 min
Lab File: VL040370.D
Acq: 13 Apr 2023 23:06

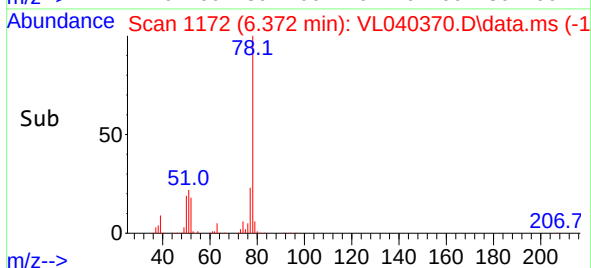
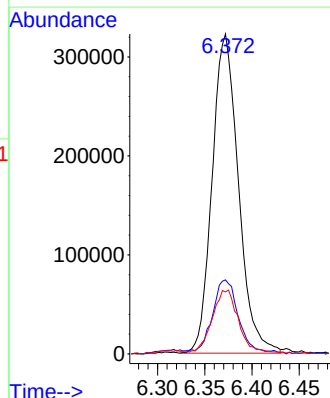
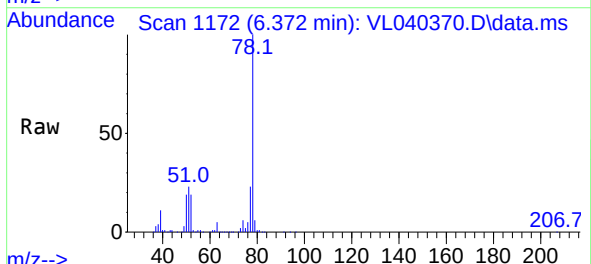
Instrument :
MSVOA_L
ClientSampleId :
SV-19-20230412

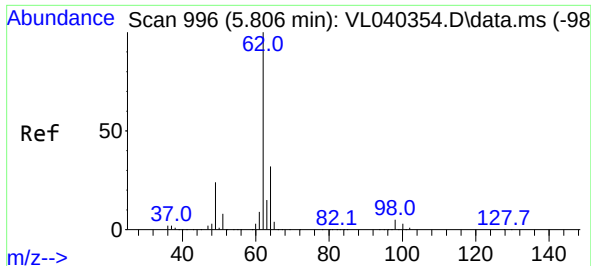
Tgt Ion: 117 Resp: 909
Ion Ratio Lower Upper
117 100
119 0.0 76.6 114.8#
121 15.0 25.3 37.9#



#36
Benzene
Concen: 2.957 ppbv
RT: 6.372 min Scan# 1172
Delta R.T. 0.000 min
Lab File: VL040370.D
Acq: 13 Apr 2023 23:06

Tgt Ion: 78 Resp: 622938
Ion Ratio Lower Upper
78 100
77 22.6 17.8 26.8
50 19.2 15.6 23.4

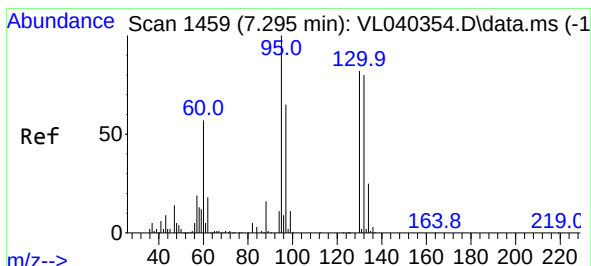
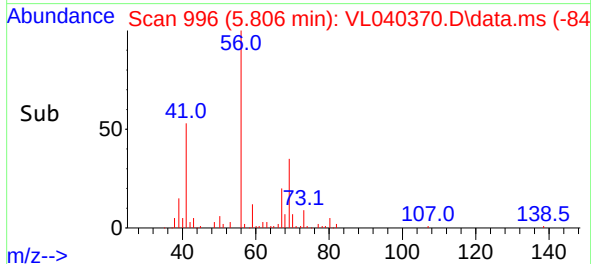
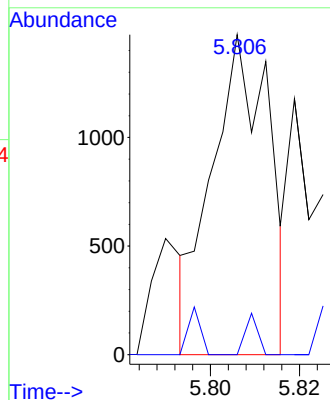
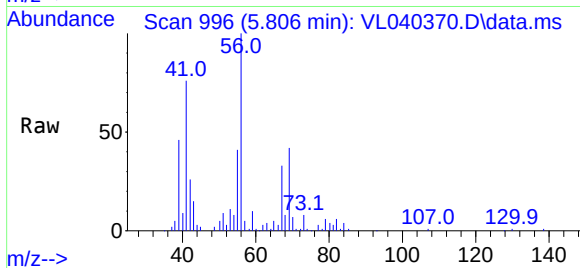




#37
1,2-Dichloroethane
Concen: 0.009 ppbv
RT: 5.806 min Scan# 996
Delta R.T. 0.000 min
Lab File: VL040370.D
Acq: 13 Apr 2023 23:06

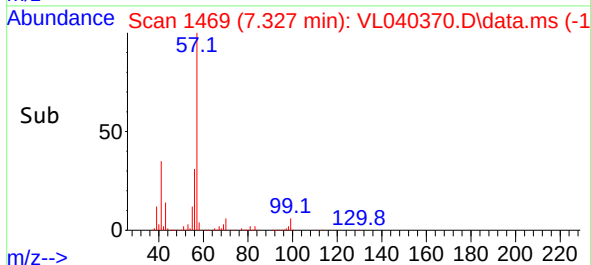
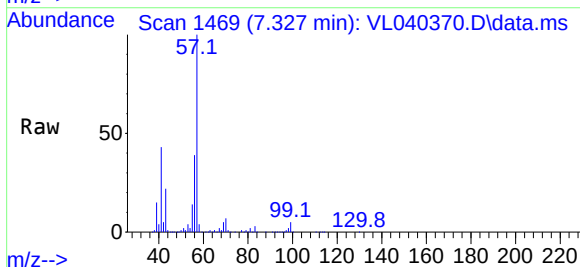
Instrument :
MSVOA_1
ClientSampleId :
SV-19-20230412

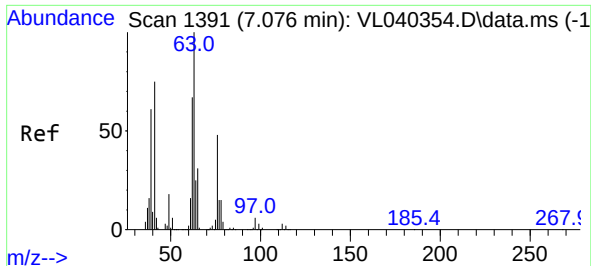
Tgt Ion: 62 Resp: 1301
Ion Ratio Lower Upper
62 100
98 0.0 4.4 6.6#



#38
Trichloroethene
Concen: 0.001 ppbv
RT: 7.327 min Scan# 1469
Delta R.T. 0.032 min
Lab File: VL040370.D
Acq: 13 Apr 2023 23:06

Tgt Ion:130 Resp: 127
Ion Ratio Lower Upper
130 100
95 4.4 97.4 146.0#
132 0.0 77.5 116.3#
97 256.3 63.0 94.4#





#39

1,2-Dichloropropane

Concen: 8.266 ppbv

RT: 6.655 min Scan# 11

Delta R.T. -0.421 min

Lab File: VL040370.D

Acq: 13 Apr 2023 23:06

Instrument :

MSVOA_L

ClientSampleId :

SV-19-20230412

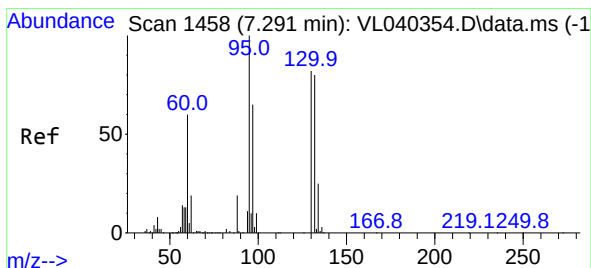
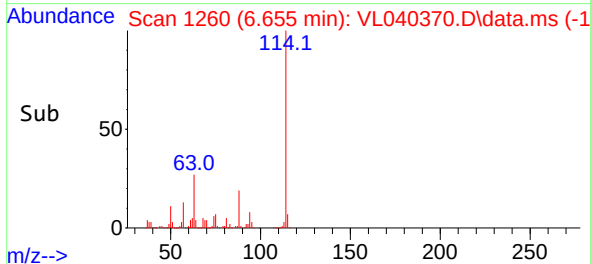
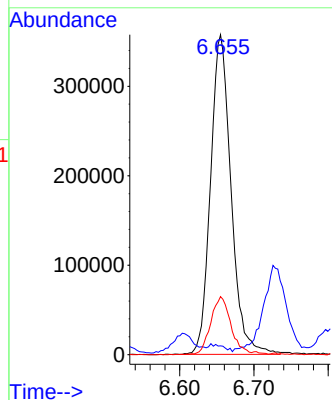
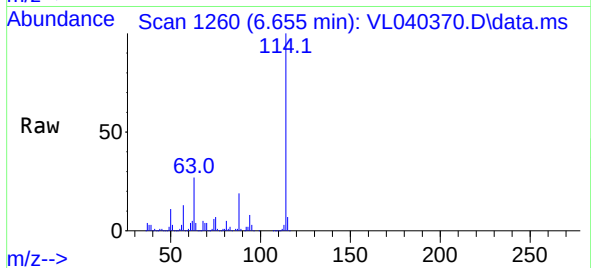
Tgt Ion: 63 Resp: 685227

Ion Ratio Lower Upper

63 100

41 0.0 59.6 89.4#

62 18.1 53.9 80.9#



#40

1,4-Dioxane

Concen: 0.003 ppbv

RT: 7.317 min Scan# 1466

Delta R.T. 0.026 min

Lab File: VL040370.D

Acq: 13 Apr 2023 23:06

Tgt Ion: 88 Resp: 85

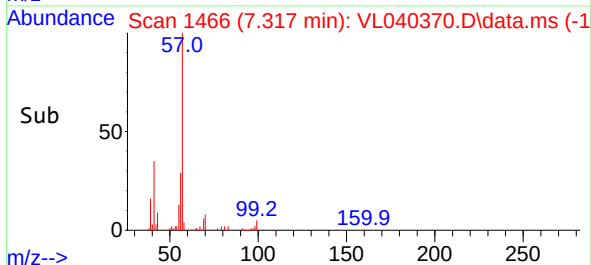
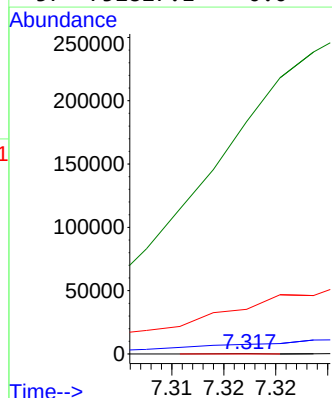
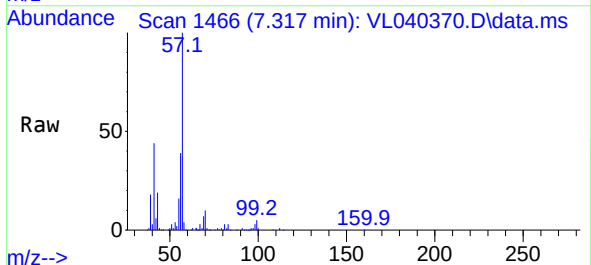
Ion Ratio Lower Upper

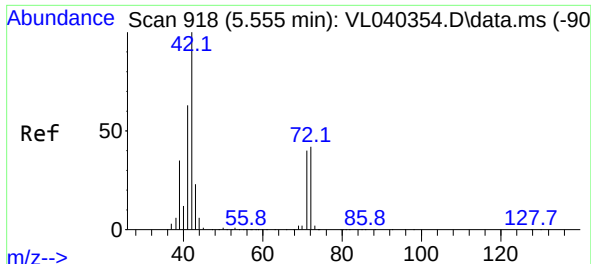
88 100

58 34061.2 100.8 151.2#

43 150247.1 0.0 0.0#

57 752827.1 0.0 0.0#

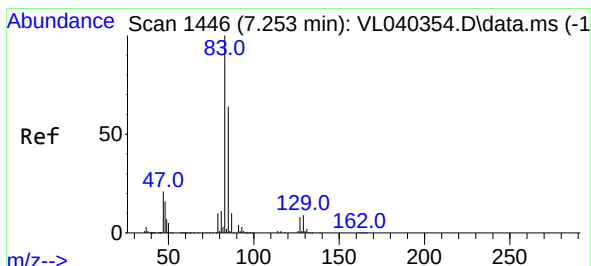
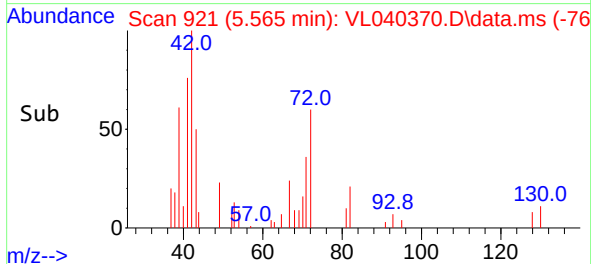
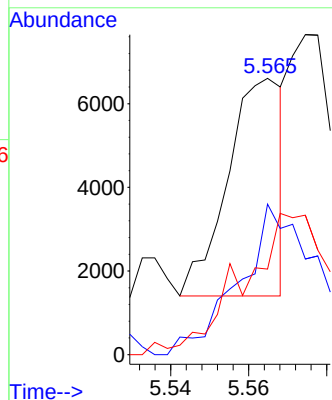
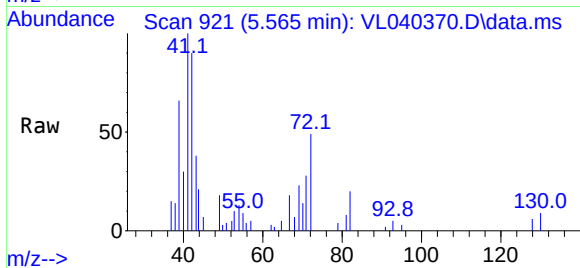




#41
Tetrahydrofuran
Concen: 0.067 ppbv
RT: 5.565 min Scan# 918
Delta R.T. 0.010 min
Lab File: VL040370.D
Acq: 13 Apr 2023 23:06

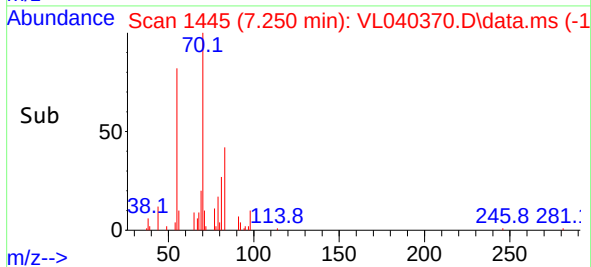
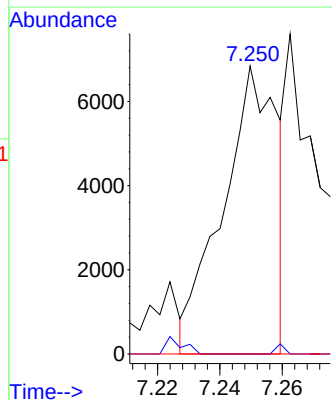
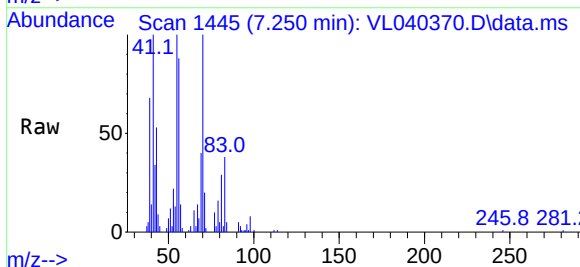
Instrument :
MSVOA_L
ClientSampleId :
SV-19-20230412

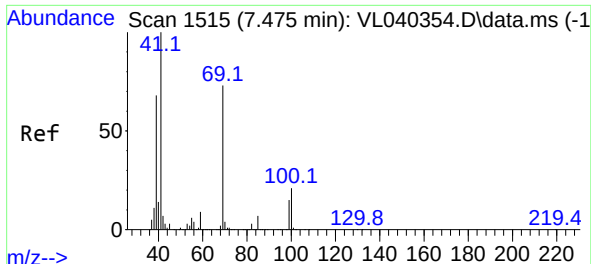
Tgt Ion: 42 Resp: 5093
Ion Ratio Lower Upper
42 100
72 134.4 33.7 50.5#
71 116.0 32.2 48.2#



#42
Bromodichloromethane
Concen: 0.044 ppbv
RT: 7.250 min Scan# 1445
Delta R.T. -0.003 min
Lab File: VL040370.D
Acq: 13 Apr 2023 23:06

Tgt Ion: 83 Resp: 8262
Ion Ratio Lower Upper
83 100
85 0.0 50.9 76.3#
127 0.0 6.4 9.6#

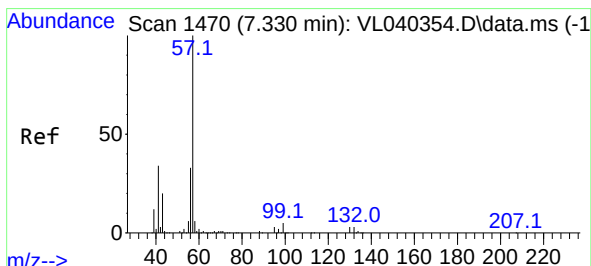
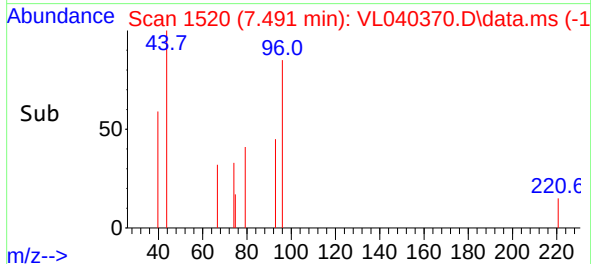
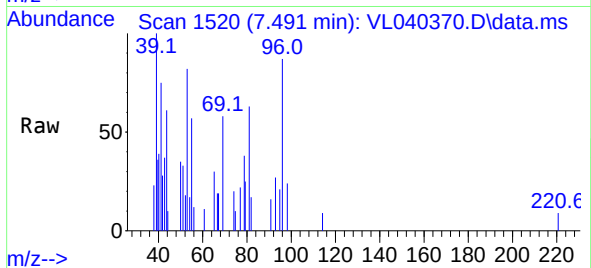




#43
Methyl Methacrylate
Concen: 0.005 ppbv
RT: 7.491 min Scan# 11
Delta R.T. 0.016 min
Lab File: VL040370.D
Acq: 13 Apr 2023 23:06

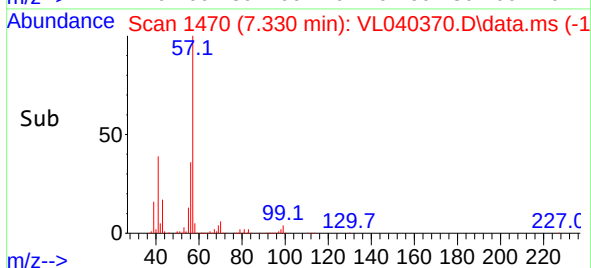
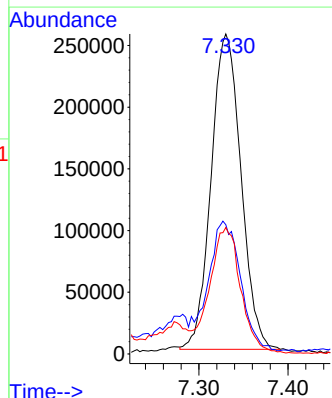
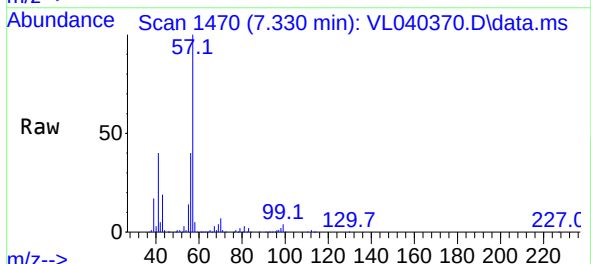
Instrument :
MSVOA_1
ClientSampleId :
SV-19-20230412

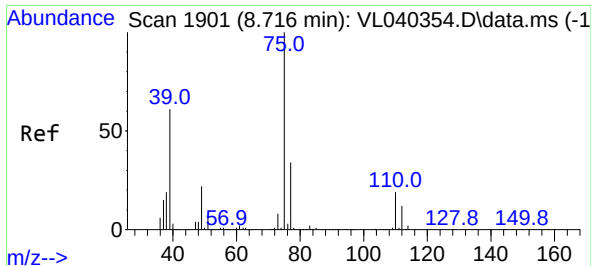
Tgt Ion: 69 Resp: 418
Ion Ratio Lower Upper
69 100
41 0.0 114.3 171.5#
100 0.0 24.5 36.7#



#44
2,2,4-Trimethylpentane
Concen: 1.693 ppbv
RT: 7.330 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VL040370.D
Acq: 13 Apr 2023 23:06

Tgt Ion: 57 Resp: 595943
Ion Ratio Lower Upper
57 100
41 60.3 26.9 40.3#
56 41.8 25.1 37.7#

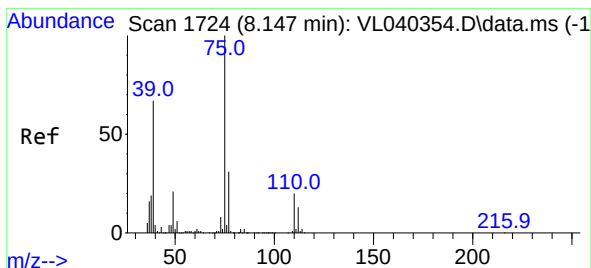
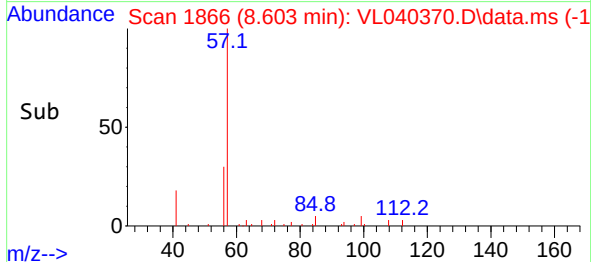
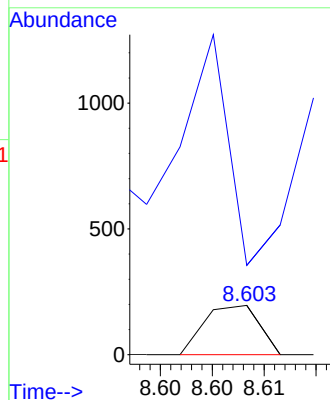
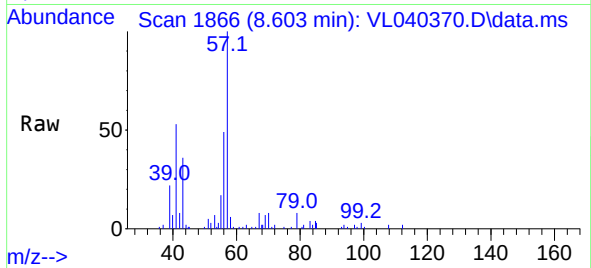




#45
t-1,3-Dichloropropene
Concen: 0.001 ppbv
RT: 8.603 min Scan# 11
Delta R.T. -0.112 min
Lab File: VL040370.D
Acq: 13 Apr 2023 23:06

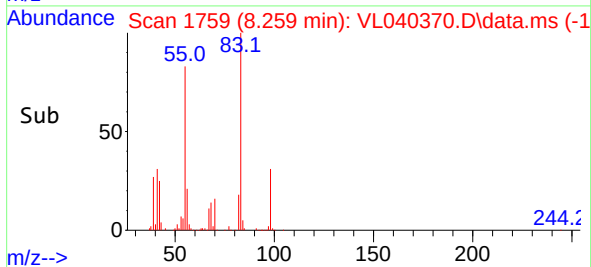
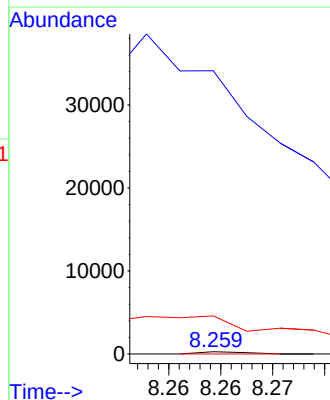
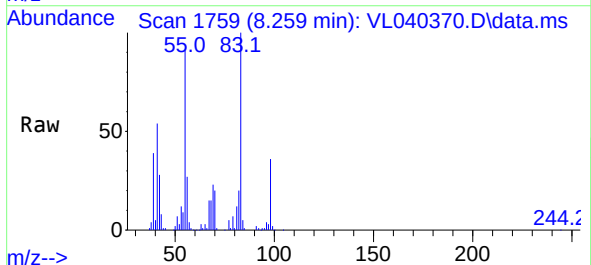
Instrument :
MSVOA_L
ClientSampleId :
SV-19-20230412

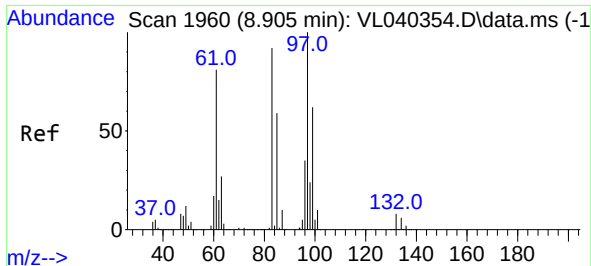
Tgt Ion: 75 Resp: 72
Ion Ratio Lower Upper
75 100
77 181.1 26.8 40.2#



#46
cis-1,3-Dichloropropene
Concen: 0.001 ppbv
RT: 8.259 min Scan# 1759
Delta R.T. 0.113 min
Lab File: VL040370.D
Acq: 13 Apr 2023 23:06

Tgt Ion: 75 Resp: 80
Ion Ratio Lower Upper
75 100
39 3319.1 53.4 80.2#
77 561.8 24.7 37.1#





#47

1,1,2-Trichloroethane

Concen: 0.001 ppbv

RT: 8.902 min Scan# 1960

Delta R.T. -0.003 min

Lab File: VL040370.D

Acq: 13 Apr 2023 23:06

Instrument :

MSVOA_L

ClientSampleId :

SV-19-20230412

Tgt Ion: 97 Resp: 127

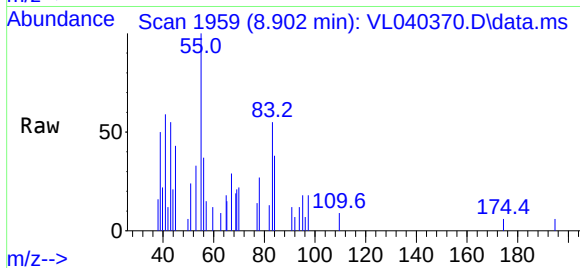
Ion Ratio Lower Upper

97 100

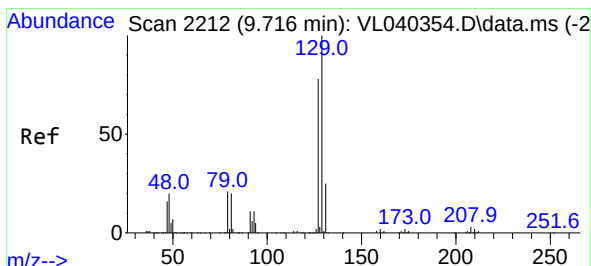
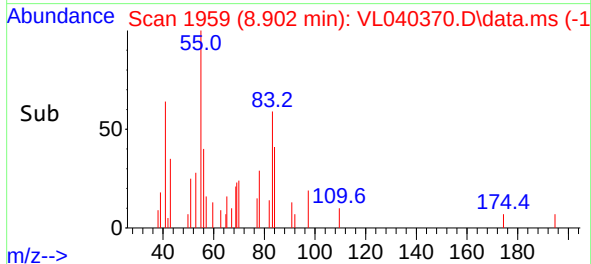
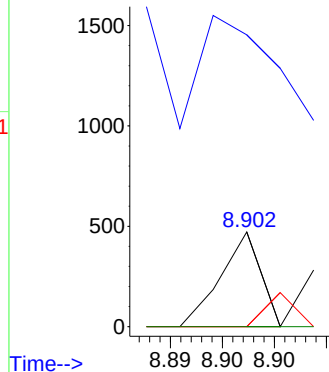
83 98.9 73.3 109.9

85 0.0 46.9 70.3#

99 0.0 49.3 73.9#



Abundance



#48

Dibromochloromethane

Concen: 0.001 ppbv

RT: 9.706 min Scan# 2209

Delta R.T. -0.010 min

Lab File: VL040370.D

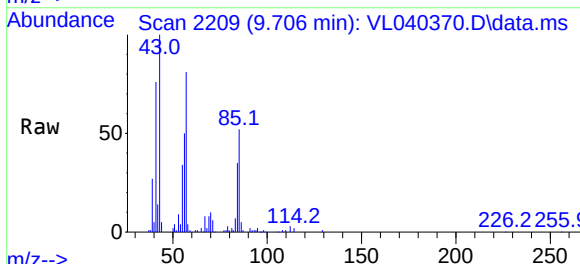
Acq: 13 Apr 2023 23:06

Tgt Ion: 129 Resp: 179

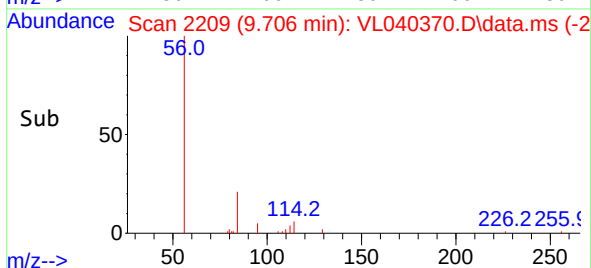
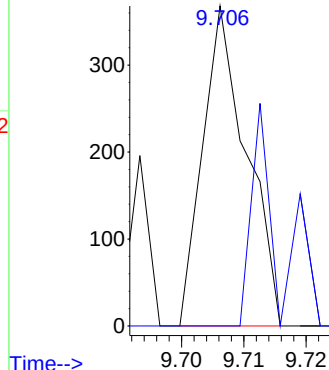
Ion Ratio Lower Upper

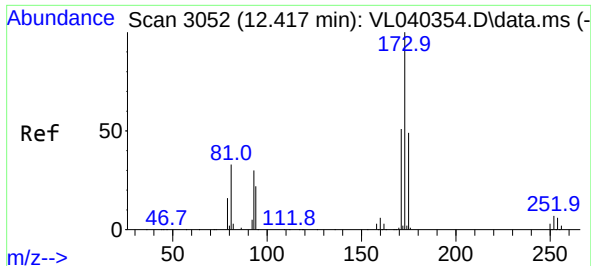
129 100

127 44.1 39.2 117.6



Abundance

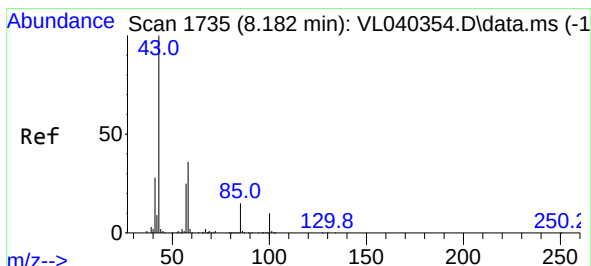
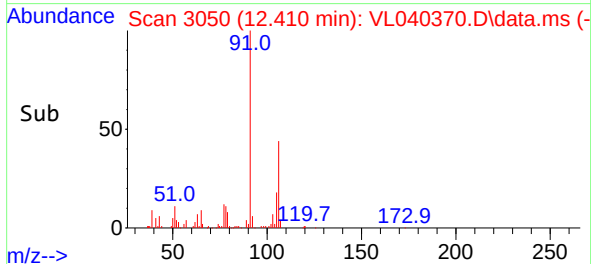
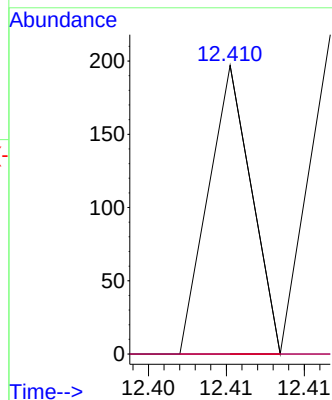
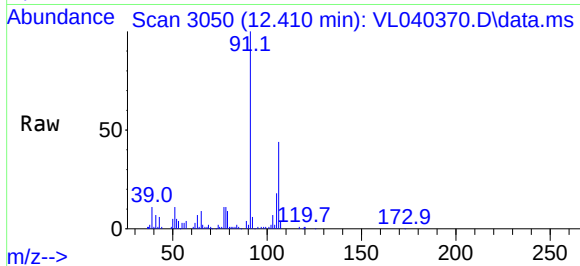




#49
Bromoform
Concen: 0.000 ppbv
RT: 12.410 min Scan# 3050
Delta R.T. -0.006 min
Lab File: VL040370.D
Acq: 13 Apr 2023 23:06

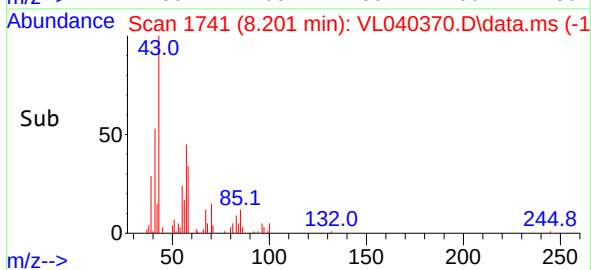
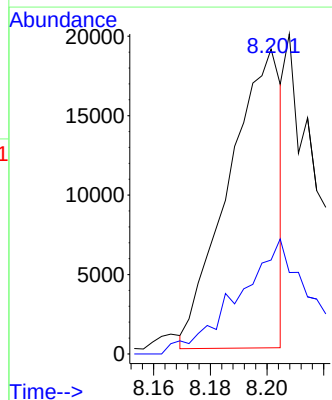
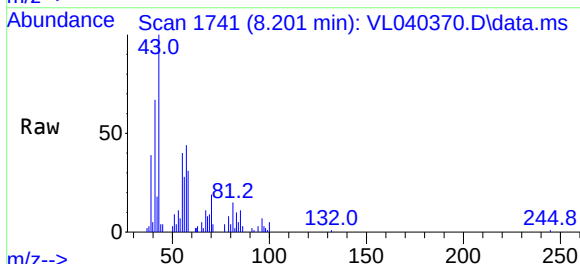
Instrument :
MSVOA_L
ClientSampleId :
SV-19-20230412

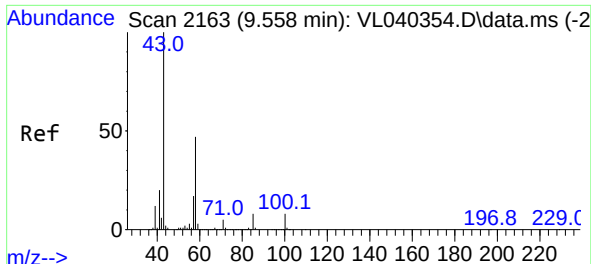
Tgt Ion:173 Resp: 38
Ion Ratio Lower Upper
173 100
175 0.0 39.8 59.8#
171 0.0 42.2 63.2#



#50
4-Methyl-2-Pentanone
Concen: 0.114 ppbv
RT: 8.201 min Scan# 1741
Delta R.T. 0.019 min
Lab File: VL040370.D
Acq: 13 Apr 2023 23:06

Tgt Ion: 43 Resp: 24086
Ion Ratio Lower Upper
43 100
58 0.0 28.6 43.0#





#51

2-Hexanone

Concen: 0.125 ppbv

RT: 9.494 min Scan# 2163

Delta R.T. -0.064 min

Lab File: VL040370.D

Acq: 13 Apr 2023 23:06

Instrument :

MSVOA_L

ClientSampleId :

SV-19-20230412

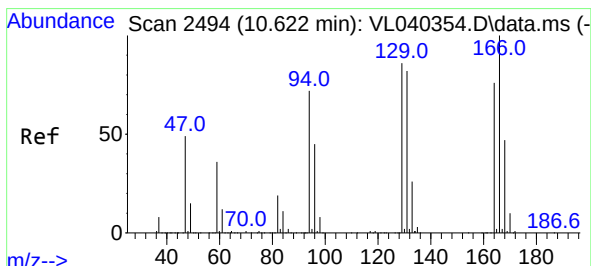
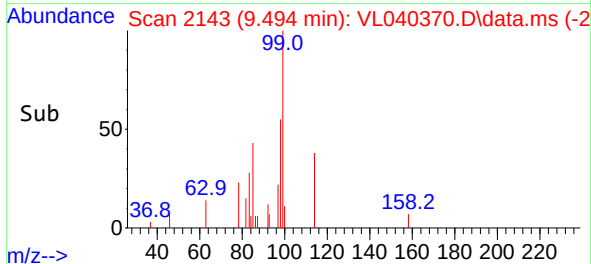
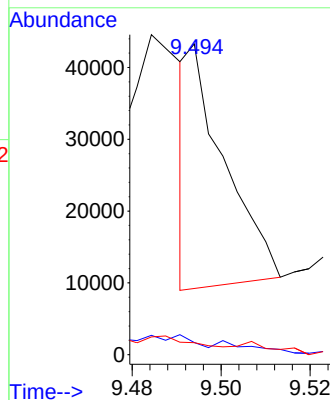
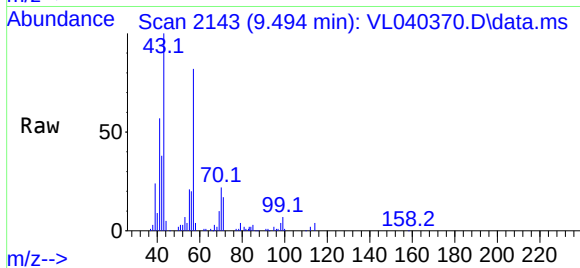
Tgt Ion: 43 Resp: 19477

Ion Ratio Lower Upper

43 100

58 33.3 38.3 57.5#

98 28.3 0.4 0.6#



#52

Tetrachloroethene

Concen: 0.032 ppbv

RT: 10.629 min Scan# 2496

Delta R.T. 0.007 min

Lab File: VL040370.D

Acq: 13 Apr 2023 23:06

Tgt Ion: 164 Resp: 2102

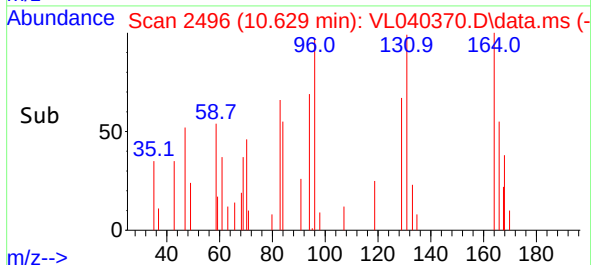
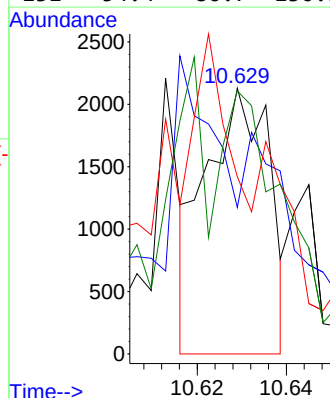
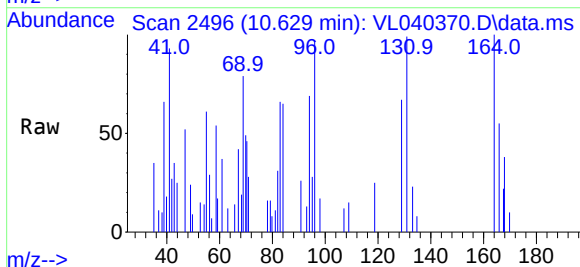
Ion Ratio Lower Upper

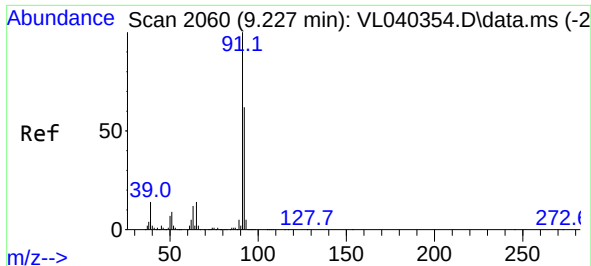
164 100

166 0.0 105.2 157.8#

129 16.6 90.3 135.5#

131 54.4 86.7 130.1#

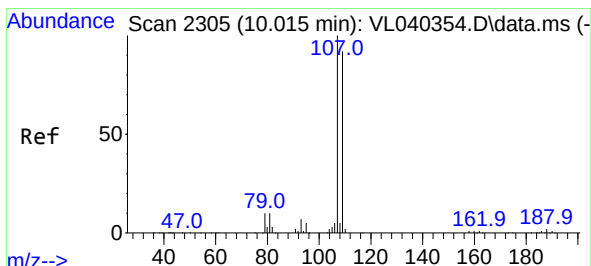
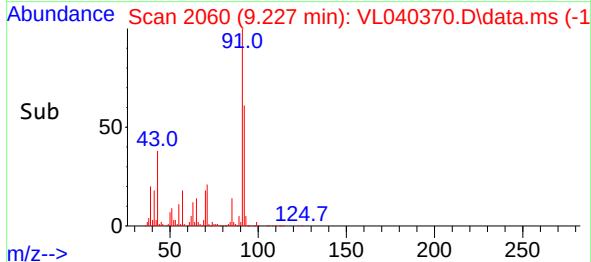
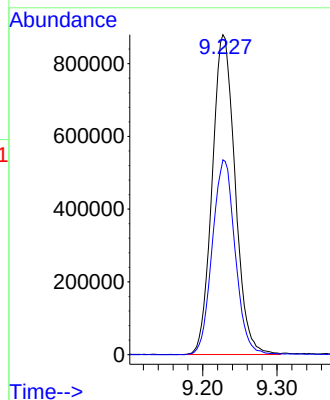
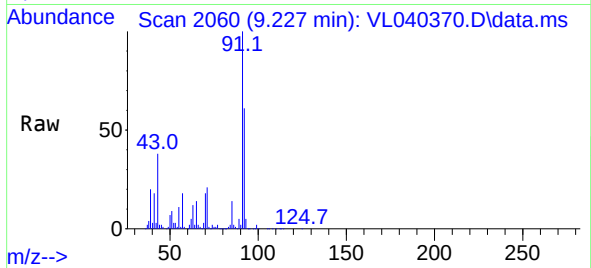




#53
Toluene
Concen: 8.441 ppbv
RT: 9.227 min Scan# 2060
Delta R.T. 0.000 min
Lab File: VL040370.D
Acq: 13 Apr 2023 23:06

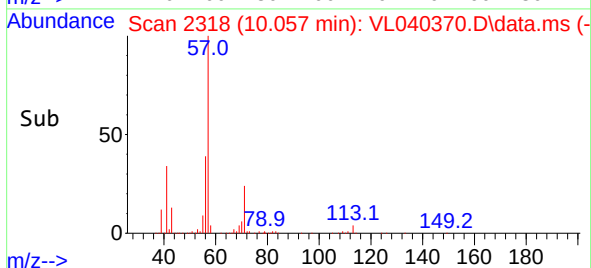
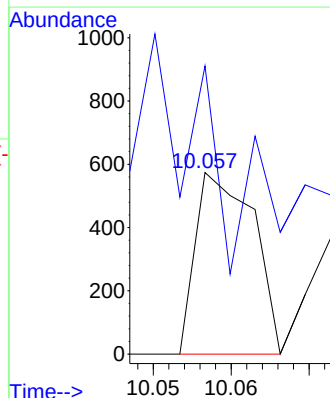
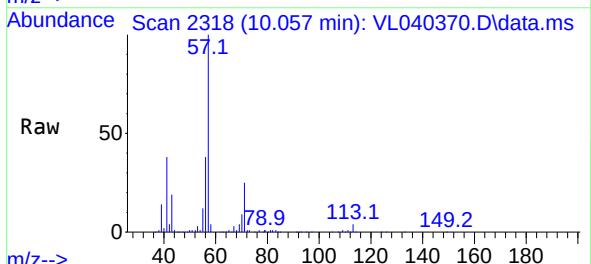
Instrument :
MSVOA_L
ClientSampleId :
SV-19-20230412

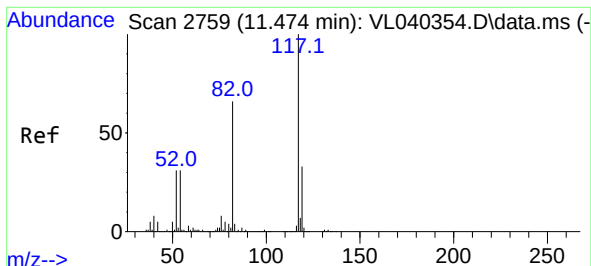
Tgt Ion: 91 Resp: 1885398
Ion Ratio Lower Upper
91 100
92 61.0 48.9 73.3



#54
1,2-Dibromoethane
Concen: 0.003 ppbv
RT: 10.057 min Scan# 2318
Delta R.T. 0.042 min
Lab File: VL040370.D
Acq: 13 Apr 2023 23:06

Tgt Ion: 107 Resp: 296
Ion Ratio Lower Upper
107 100
109 91.6 73.6 110.4

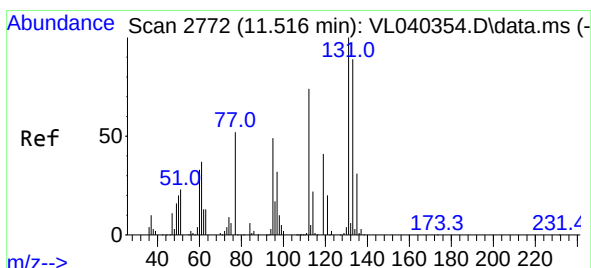
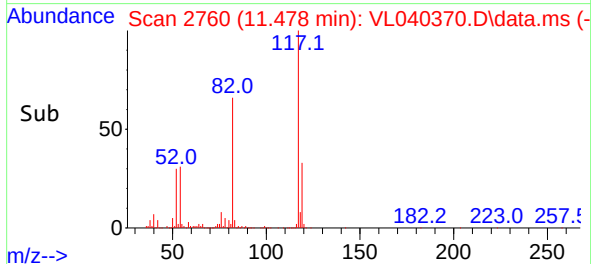
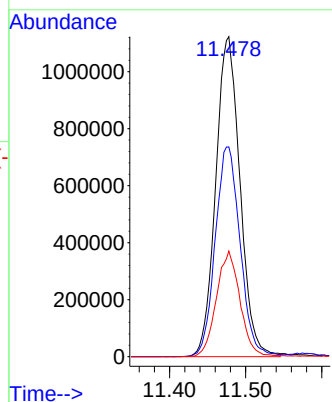
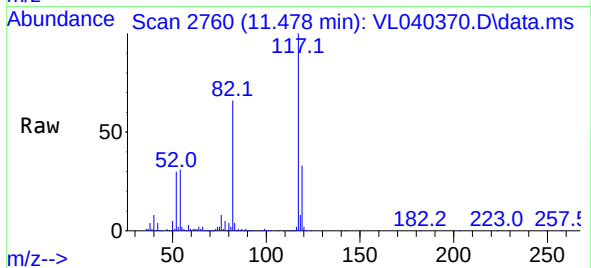




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.478 min Scan# 21
Delta R.T. 0.003 min
Lab File: VL040370.D
Acq: 13 Apr 2023 23:06

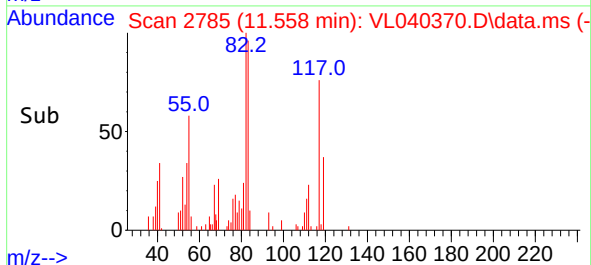
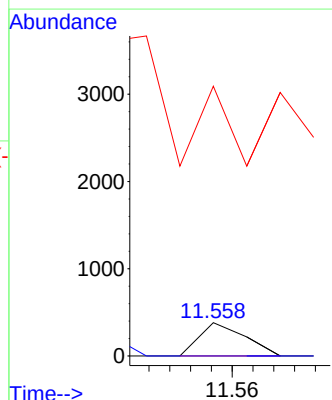
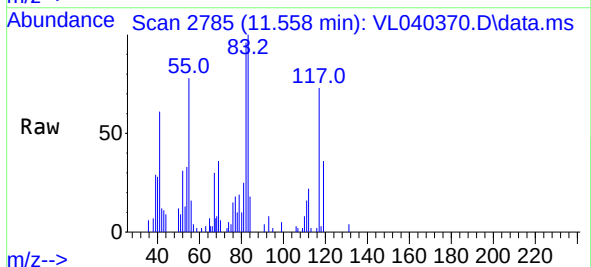
Instrument :
MSVOA_L
ClientSampleId :
SV-19-20230412

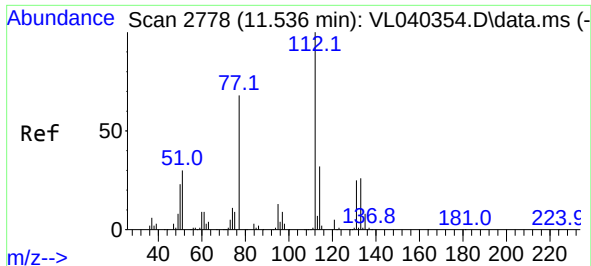
Tgt Ion:117 Resp: 2491468
Ion Ratio Lower Upper
117 100
82 67.2 52.5 78.7
119 32.5 24.3 36.5



#56
1,1,1,2-Tetrachloroethane
Concen: 0.001 ppbv
RT: 11.558 min Scan# 2785
Delta R.T. 0.042 min
Lab File: VL040370.D
Acq: 13 Apr 2023 23:06

Tgt Ion:131 Resp: 116
Ion Ratio Lower Upper
131 100
133 0.0 75.3 112.9#
119 695545.7 53.9 80.9#

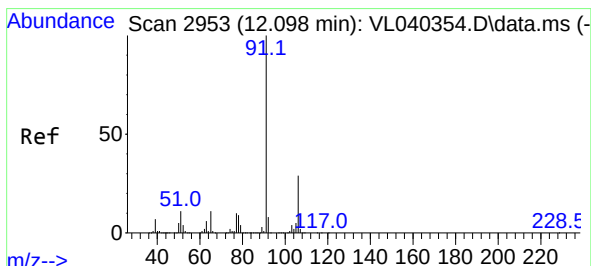
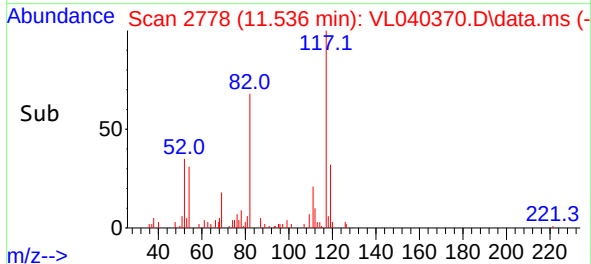
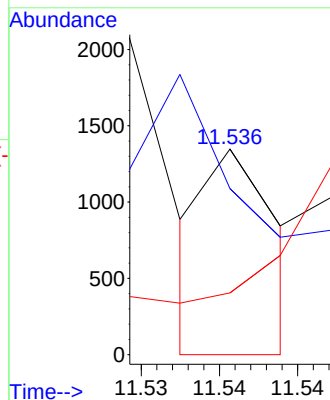
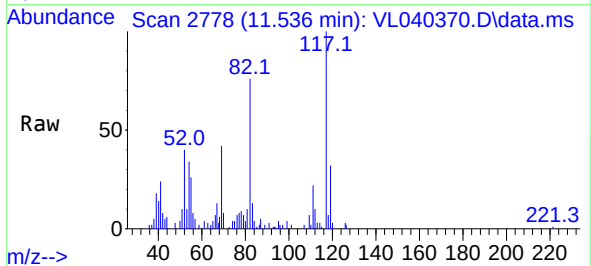




#57
Chlorobenzene
Concen: 0.002 ppbv
RT: 11.536 min Scan# 211
Delta R.T. 0.000 min
Lab File: VL040370.D
Acq: 13 Apr 2023 23:06

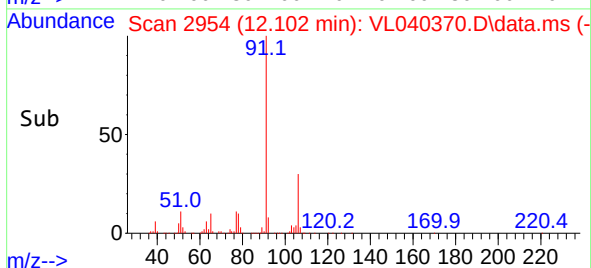
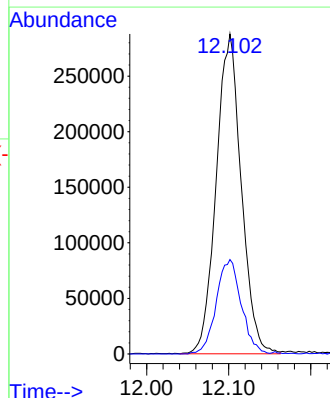
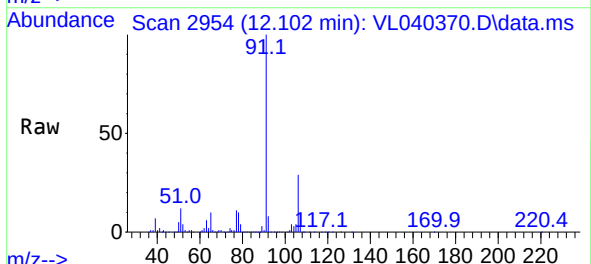
Instrument :
MSVOA_1
ClientSampleId :
SV-19-20230412

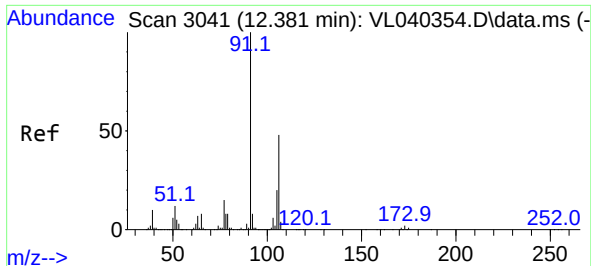
Tgt Ion:112 Resp: 422
Ion Ratio Lower Upper
112 100
77 63.2 55.8 83.8
114 13.3 29.1 35.5#



#58
Ethyl Benzene
Concen: 1.993 ppbv
RT: 12.102 min Scan# 2954
Delta R.T. 0.003 min
Lab File: VL040370.D
Acq: 13 Apr 2023 23:06

Tgt Ion: 91 Resp: 610891
Ion Ratio Lower Upper
91 100
106 29.5 23.5 35.3





#59

m/p-Xylene

Concen: 6.135 ppbv

RT: 12.356 min Scan# 30

Delta R.T. -0.026 min

Lab File: VL040370.D

Acq: 13 Apr 2023 23:06

Instrument :

MSVOA_L

ClientSampleId :

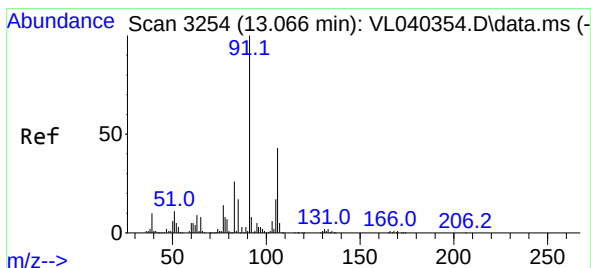
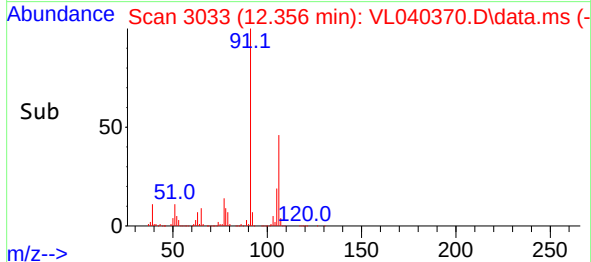
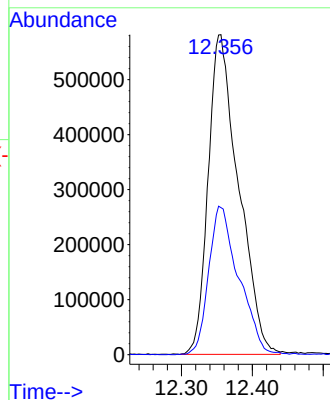
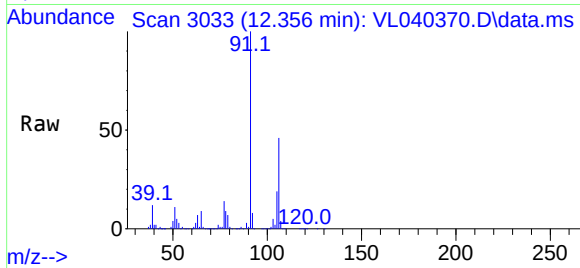
SV-19-20230412

Tgt Ion: 91 Resp: 1729037

Ion Ratio Lower Upper

91 100

106 46.3 34.7 52.1



#60

o-Xylene

Concen: 1.913 ppbv

RT: 13.069 min Scan# 3255

Delta R.T. 0.003 min

Lab File: VL040370.D

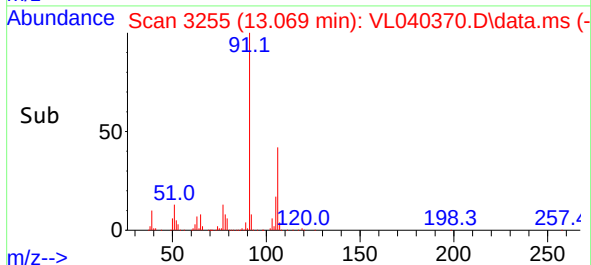
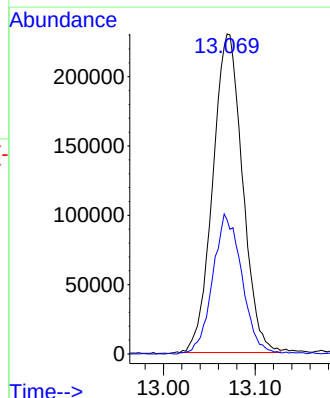
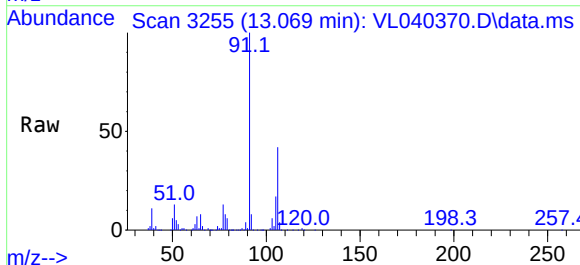
Acq: 13 Apr 2023 23:06

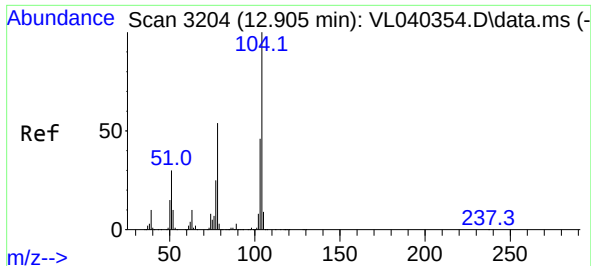
Tgt Ion: 91 Resp: 517483

Ion Ratio Lower Upper

91 100

106 43.6 21.9 65.8

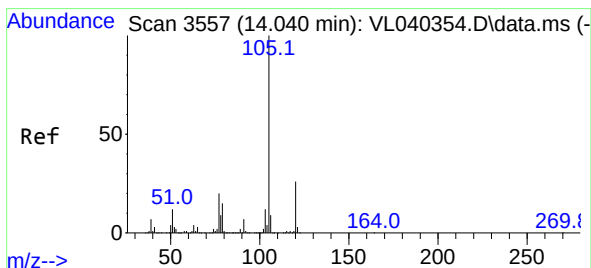
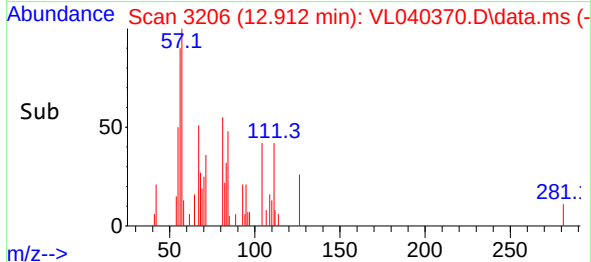
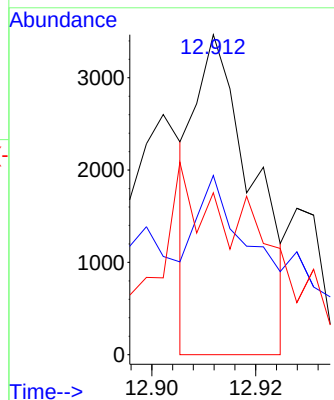
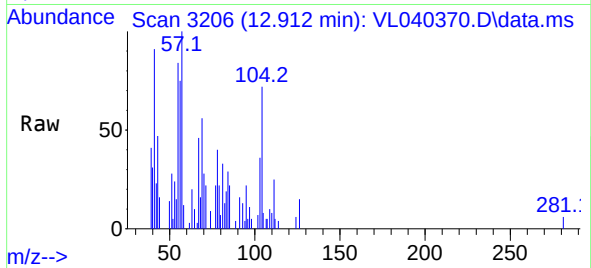




#61
Styrene
Concen: 0.020 ppbv
RT: 12.912 min Scan# 31
Delta R.T. 0.007 min
Lab File: VL040370.D
Acq: 13 Apr 2023 23:06

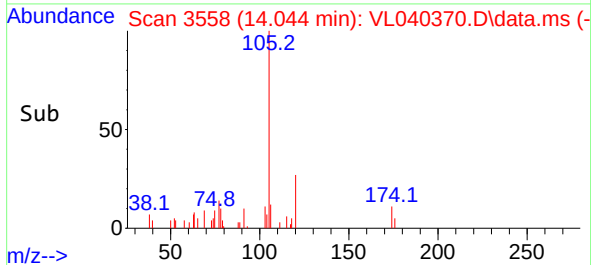
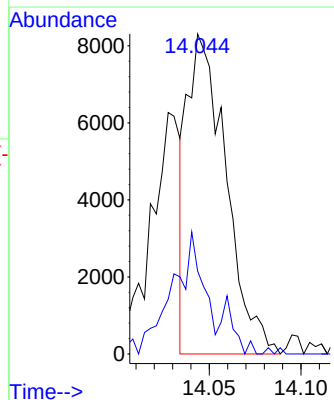
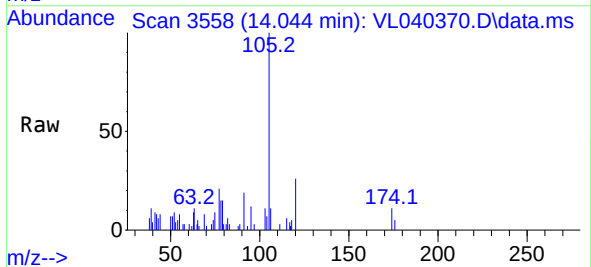
Instrument :
MSVOA_L
ClientSampleId :
SV-19-20230412

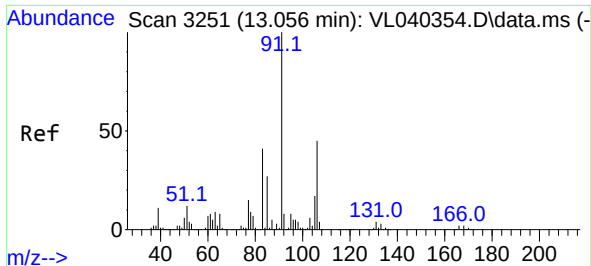
Tgt Ion:104 Resp: 2710
Ion Ratio Lower Upper
104 100
78 200.7 43.4 65.0#
103 0.0 37.0 55.4#



#62
Isopropylbenzene
Concen: 0.031 ppbv
RT: 14.044 min Scan# 3558
Delta R.T. 0.003 min
Lab File: VL040370.D
Acq: 13 Apr 2023 23:06

Tgt Ion:105 Resp: 12226
Ion Ratio Lower Upper
105 100
120 37.6 19.9 29.9#

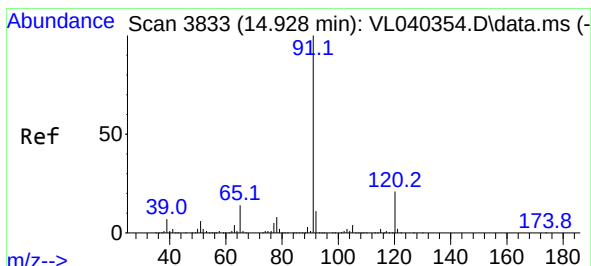
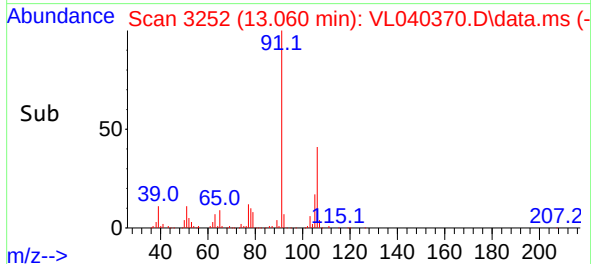
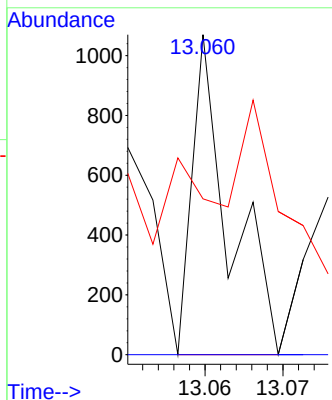
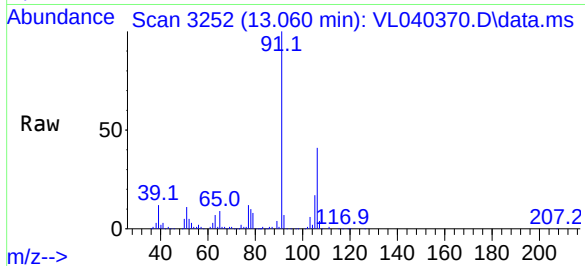




#63
1,1,2,2-Tetrachloroethane
Concen: 0.004 ppbv
RT: 13.060 min Scan# 31
Delta R.T. 0.003 min
Lab File: VL040370.D
Acq: 13 Apr 2023 23:06

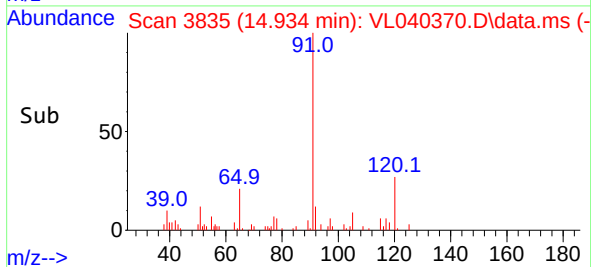
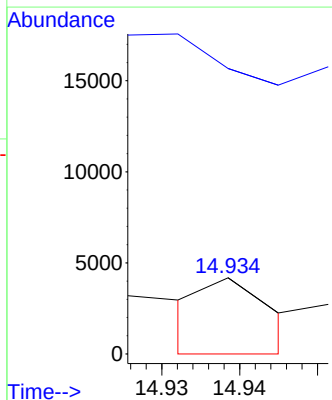
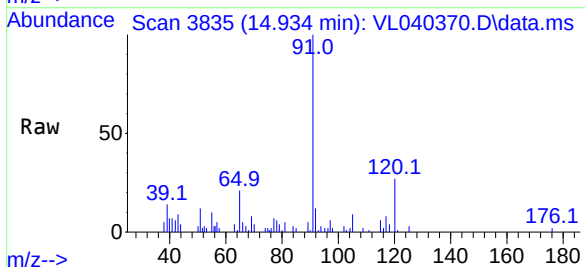
Instrument :
MSVOA_1
ClientSampleId :
SV-19-20230412

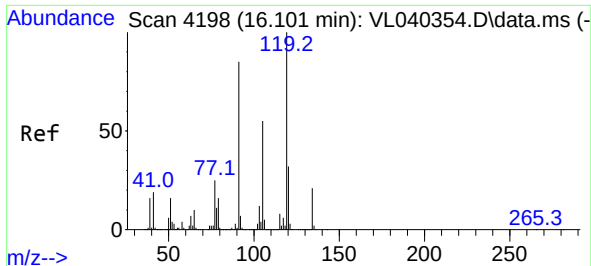
Tgt Ion: 83 Resp: 354
Ion Ratio Lower Upper
83 100
131 0.0 4.3 13.1#
85 263.0 32.9 98.6#



#64
n-propylbenzene
Concen: 0.013 ppbv
RT: 14.934 min Scan# 3835
Delta R.T. 0.007 min
Lab File: VL040370.D
Acq: 13 Apr 2023 23:06

Tgt Ion: 120 Resp: 1240
Ion Ratio Lower Upper
120 100
91 3581.0 397.4 596.0#

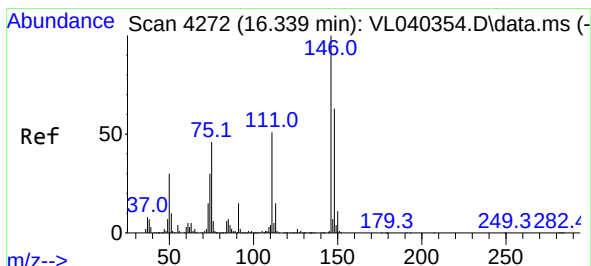
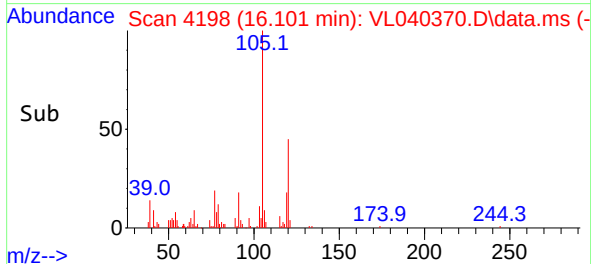
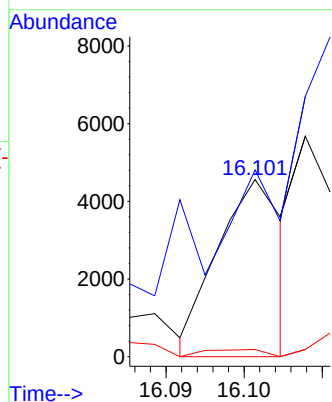
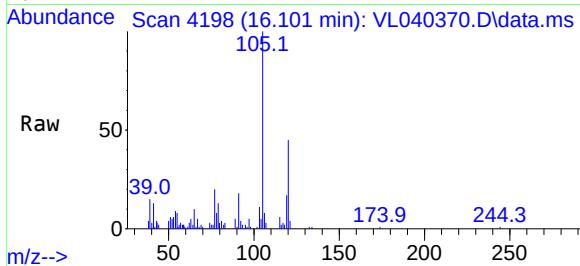




#65
tert-Butylbenzene
Concen: 0.008 ppbv
RT: 16.101 min Scan# 4198
Delta R.T. 0.000 min
Lab File: VL040370.D
Acq: 13 Apr 2023 23:06

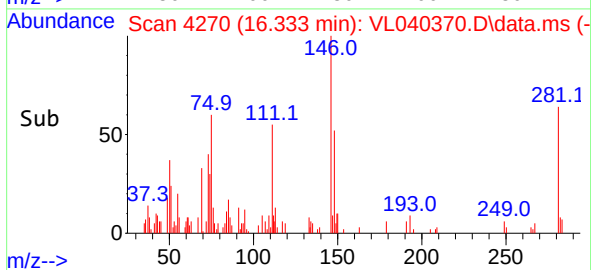
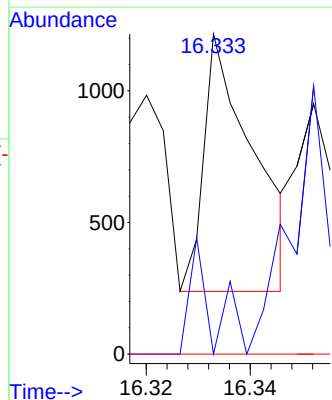
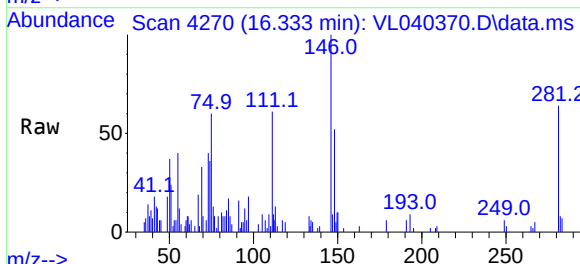
Instrument :
MSVOA_L
ClientSampleId :
SV-19-20230412

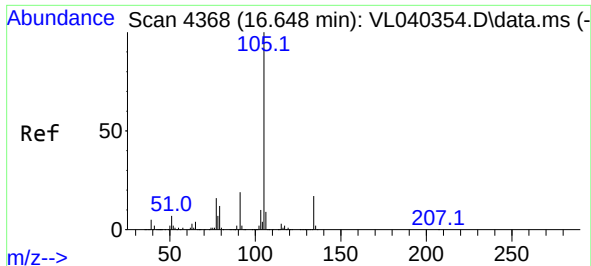
Tgt Ion:119 Resp: 2644
Ion Ratio Lower Upper
119 100
91 0.0 70.1 105.1#
134 0.0 15.6 23.4#



#66
Benzyl Chloride
Concen: 0.030 ppbv
RT: 16.333 min Scan# 4270
Delta R.T. -0.006 min
Lab File: VL040370.D
Acq: 13 Apr 2023 23:06

Tgt Ion: 91 Resp: 639
Ion Ratio Lower Upper
91 100
126 0.0 12.3 18.5#
128 0.0 4.1 6.1#





#67

sec-Butylbenzene

Concen: 0.010 ppbv

RT: 16.654 min Scan# 41

Delta R.T. 0.007 min

Lab File: VL040370.D

Acq: 13 Apr 2023 23:06

Instrument :

MSVOA_1

ClientSampleId :

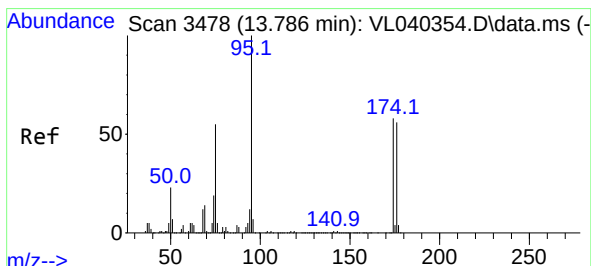
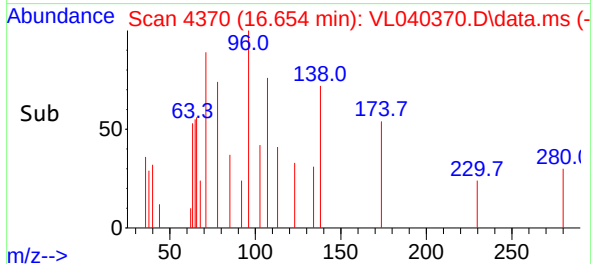
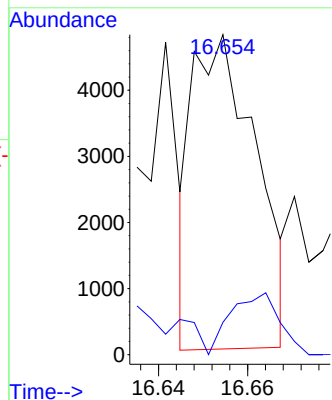
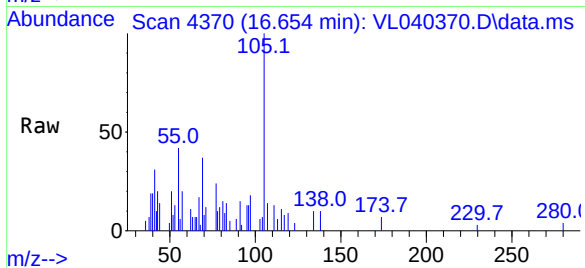
SV-19-20230412

Tgt Ion:105 Resp: 4718

Ion Ratio Lower Upper

105 100

134 0.0 13.8 20.6#



#68

1-Bromo-4-Fluorobenzene

Concen: 10.070 ppbv

RT: 13.786 min Scan# 3478

Delta R.T. 0.000 min

Lab File: VL040370.D

Acq: 13 Apr 2023 23:06

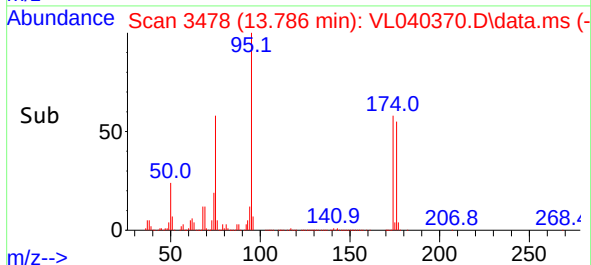
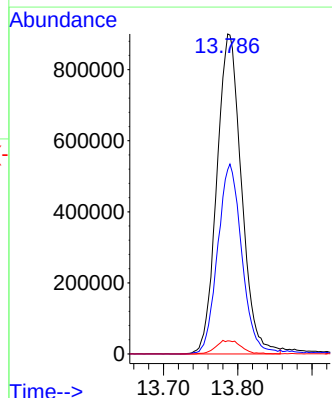
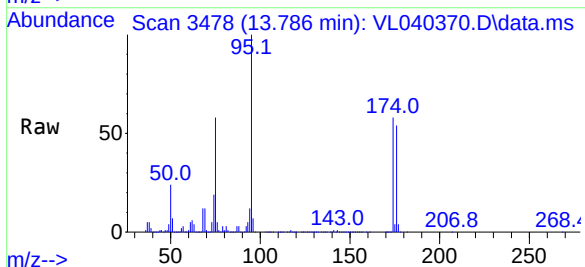
Tgt Ion: 95 Resp: 2074687

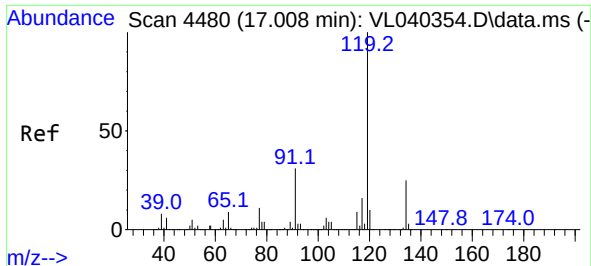
Ion Ratio Lower Upper

95 100

174 59.6 47.2 70.8

175 4.3 3.5 5.3

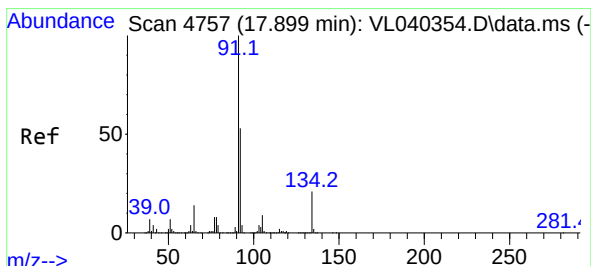
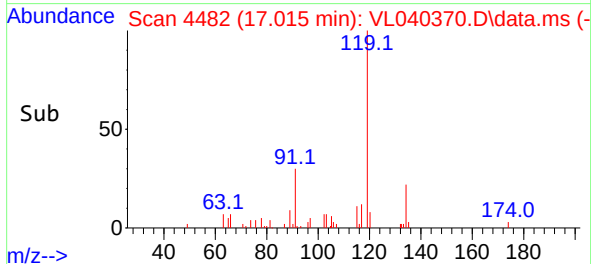
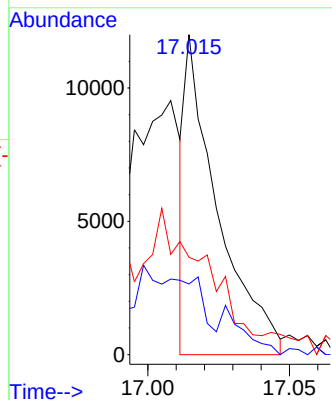
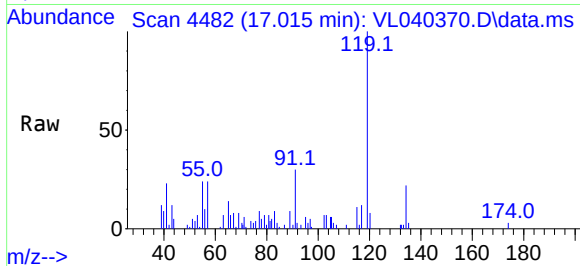




#69
p-Isopropyltoluene
Concen: 0.025 ppbv
RT: 17.015 min Scan# 4482
Delta R.T. 0.007 min
Lab File: VL040370.D
Acq: 13 Apr 2023 23:06

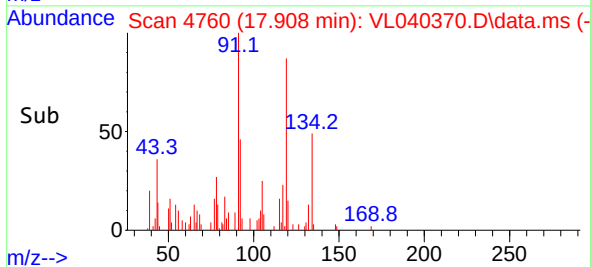
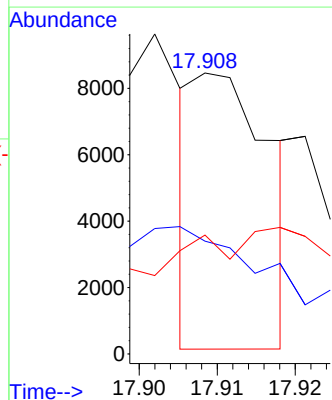
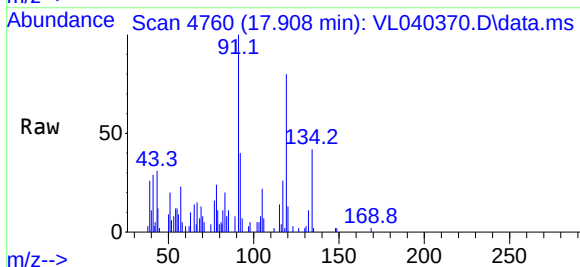
Instrument :
MSVOA_L
ClientSampleId :
SV-19-20230412

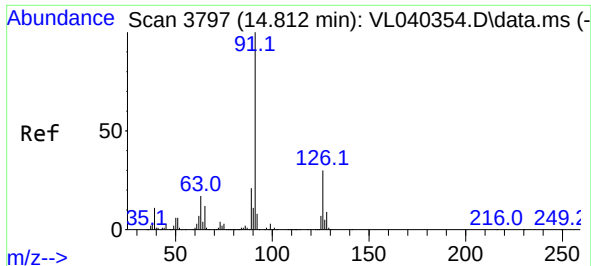
Tgt Ion:119 Resp: 9519
Ion Ratio Lower Upper
119 100
134 0.0 20.2 30.4#
91 0.0 25.7 38.5#



#70
n-Butylbenzene
Concen: 0.013 ppbv
RT: 17.908 min Scan# 4760
Delta R.T. 0.010 min
Lab File: VL040370.D
Acq: 13 Apr 2023 23:06

Tgt Ion: 91 Resp: 5601
Ion Ratio Lower Upper
91 100
92 0.0 43.0 64.4#
134 0.0 16.6 25.0#

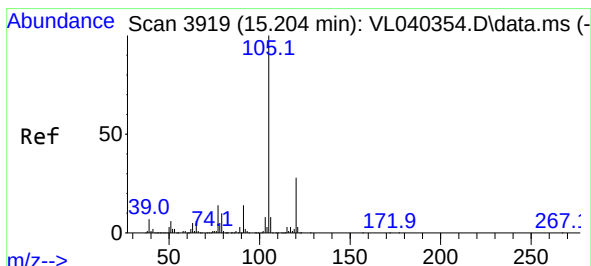
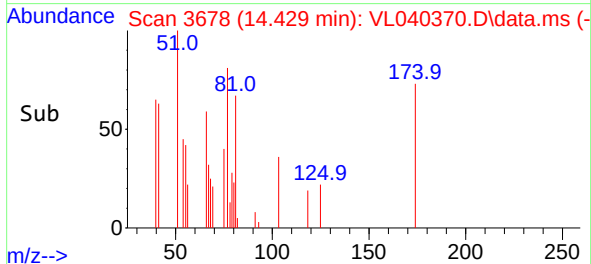
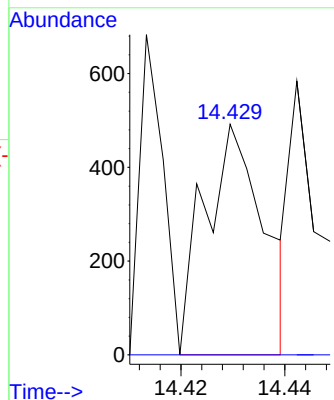
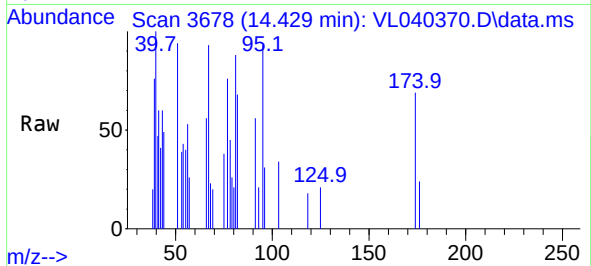




#71
2-Chlorotoluene
Concen: 0.001 ppbv
RT: 14.429 min Scan# 30
Delta R.T. -0.383 min
Lab File: VL040370.D
Acq: 13 Apr 2023 23:06

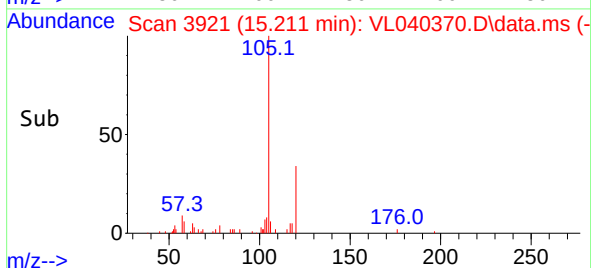
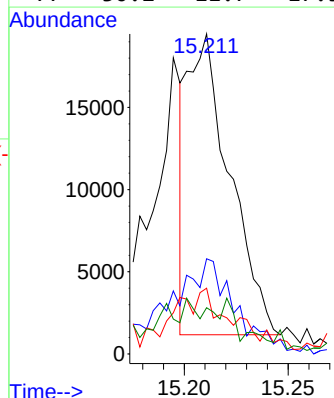
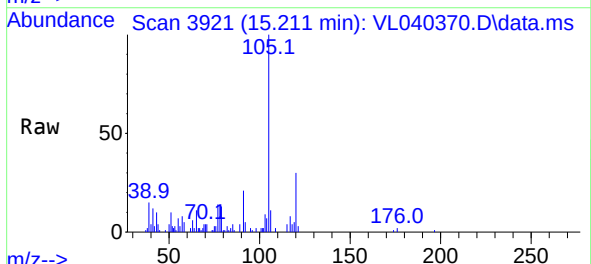
Instrument :
MSVOA_1
ClientSampleId :
SV-19-20230412

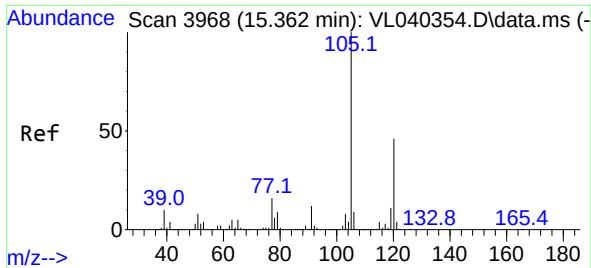
Tgt Ion: 91 Resp: 390
Ion Ratio Lower Upper
91 100
126 44.9 11.8 47.4



#72
4-Ethyltoluene
Concen: 0.087 ppbv
RT: 15.211 min Scan# 3921
Delta R.T. 0.007 min
Lab File: VL040370.D
Acq: 13 Apr 2023 23:06

Tgt Ion: 105 Resp: 25899
Ion Ratio Lower Upper
105 100
120 47.1 23.0 34.6#
91 39.4 11.3 16.9#
77 30.2 11.7 17.5#

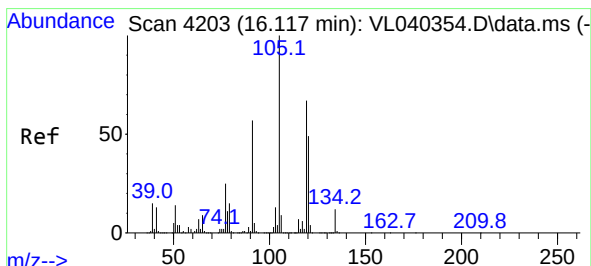
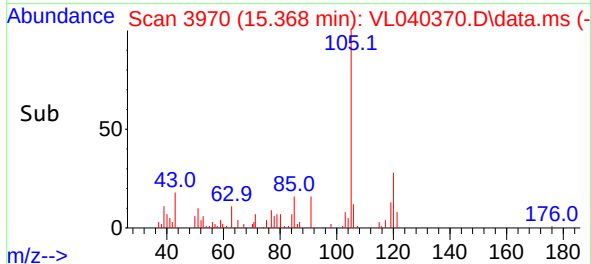
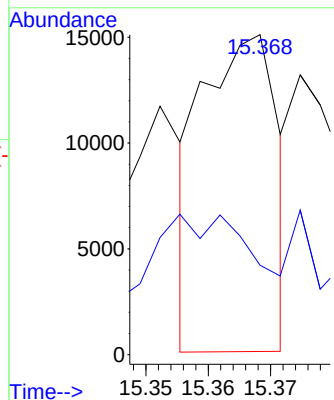
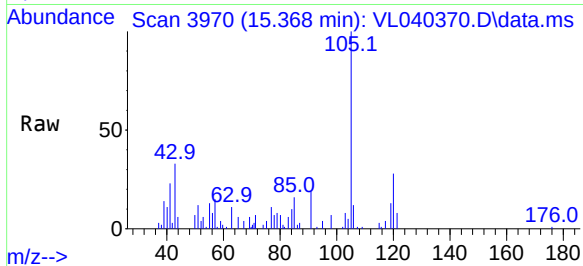




#73
1,3,5-Trimethylbenzene
Concen: 0.045 ppbv
RT: 15.368 min Scan# 3968
Delta R.T. 0.007 min
Lab File: VL040370.D
Acq: 13 Apr 2023 23:06

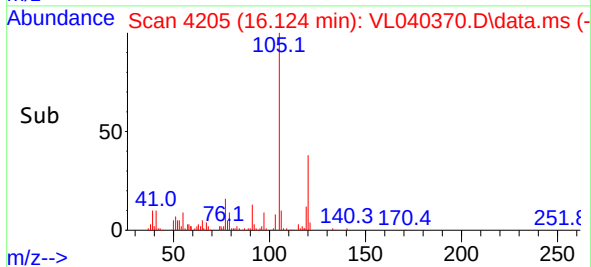
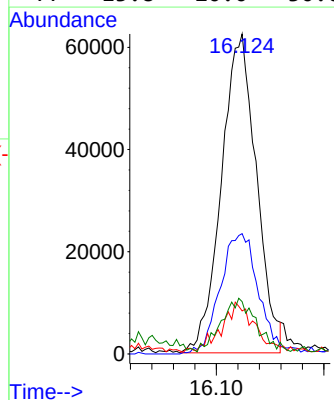
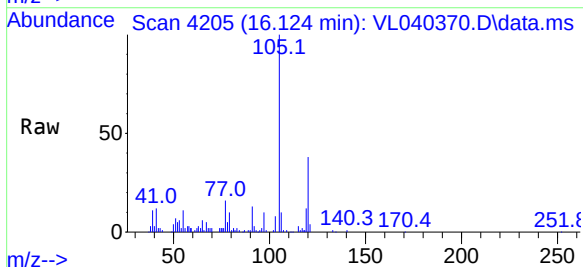
Instrument :
MSVOA_L
ClientSampleId :
SV-19-20230412

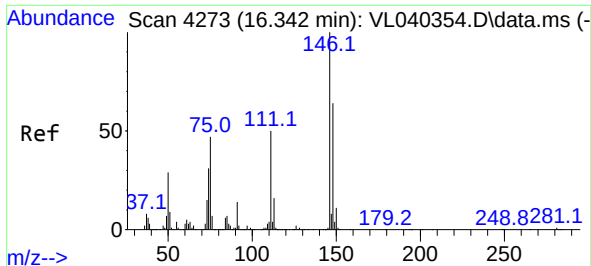
Tgt Ion:105 Resp: 12536
Ion Ratio Lower Upper
105 100
120 9.9 36.9 55.3#



#74
1,2,4-Trimethylbenzene
Concen: 0.447 ppbv
RT: 16.124 min Scan# 4205
Delta R.T. 0.007 min
Lab File: VL040370.D
Acq: 13 Apr 2023 23:06

Tgt Ion:105 Resp: 140880
Ion Ratio Lower Upper
105 100
120 37.7 38.9 58.3#
91 12.6 46.0 69.0#
77 13.8 20.0 30.0#

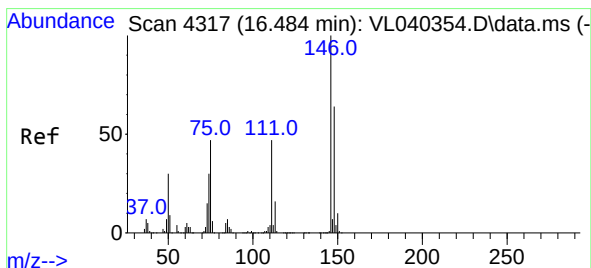
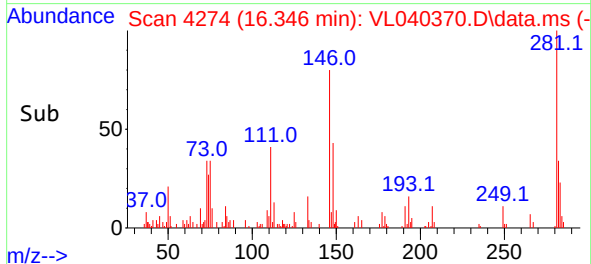
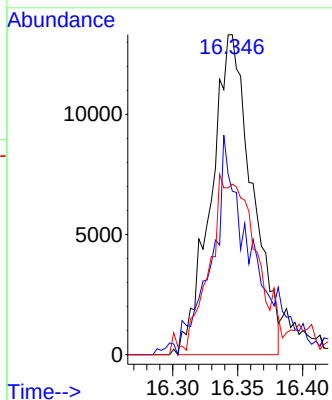
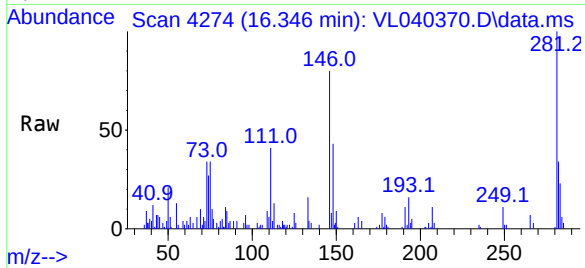




#75
1,3-Dichlorobenzene
Concen: 0.169 ppbv
RT: 16.346 min Scan# 41
Delta R.T. 0.003 min
Lab File: VL040370.D
Acq: 13 Apr 2023 23:06

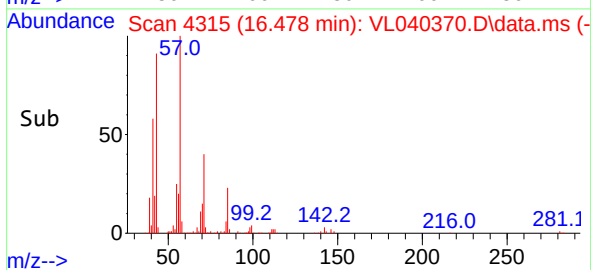
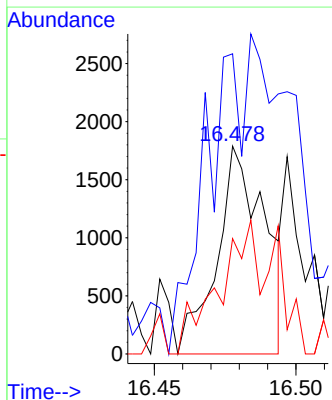
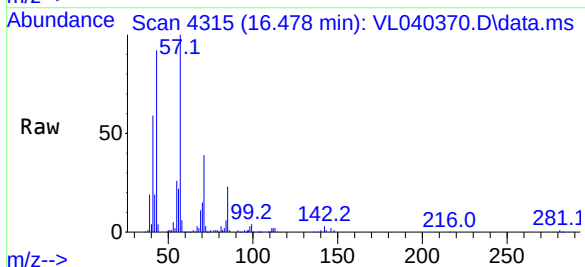
Instrument :
MSVOA_L
ClientSampleId :
SV-19-20230412

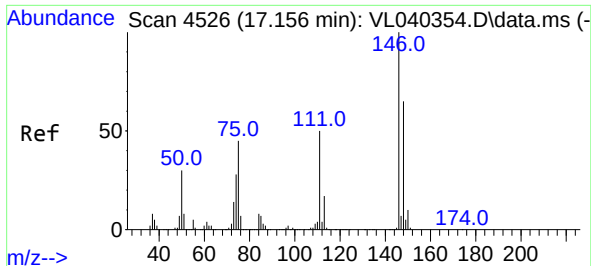
Tgt Ion:	146	Resp:	29222
Ion	Ratio	Lower	Upper
146	100		
111	72.0	24.6	74.0
148	71.4	32.1	96.3



#76
1,4-Dichlorobenzene
Concen: 0.012 ppbv
RT: 16.478 min Scan# 4315
Delta R.T. -0.006 min
Lab File: VL040370.D
Acq: 13 Apr 2023 23:06

Tgt Ion:	146	Resp:	2088
Ion	Ratio	Lower	Upper
146	100		
111	340.7	23.8	71.4#
148	88.4	32.4	97.2

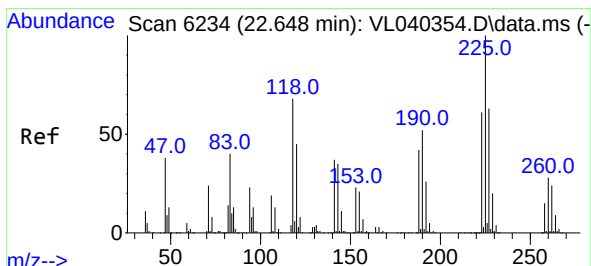
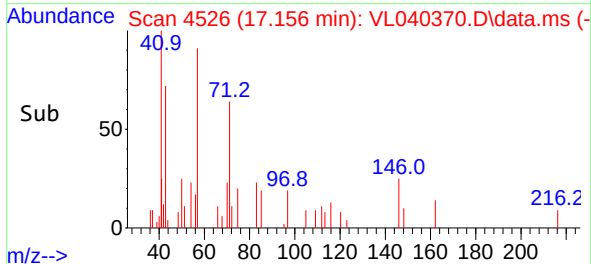
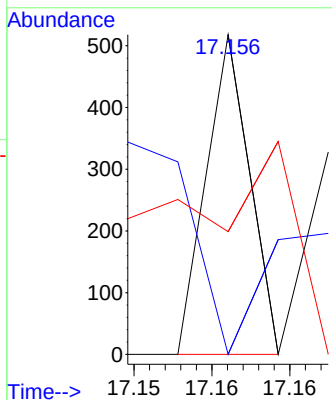
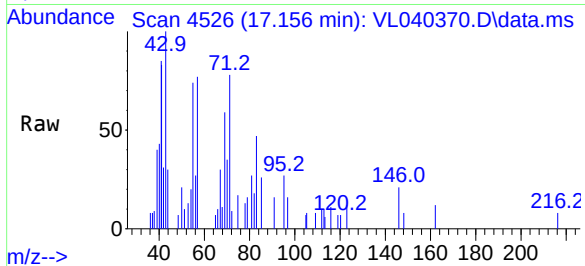




#77
1,2-Dichlorobenzene
Concen: 0.001 ppbv
RT: 17.156 min Scan# 411
Delta R.T. 0.000 min
Lab File: VL040370.D
Acq: 13 Apr 2023 23:06

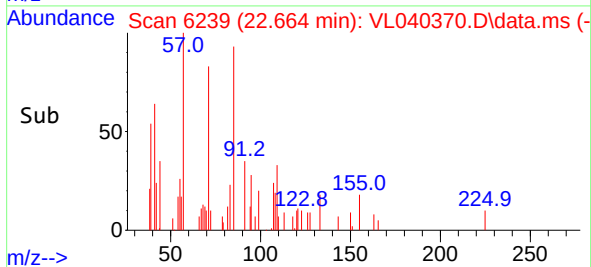
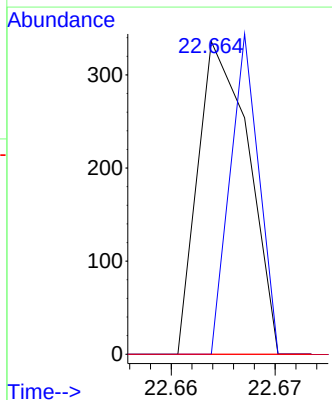
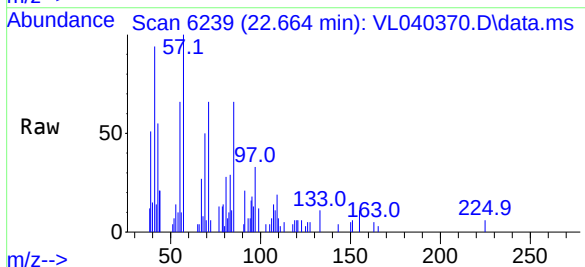
Instrument :
MSVOA_L
ClientSampleId :
SV-19-20230412

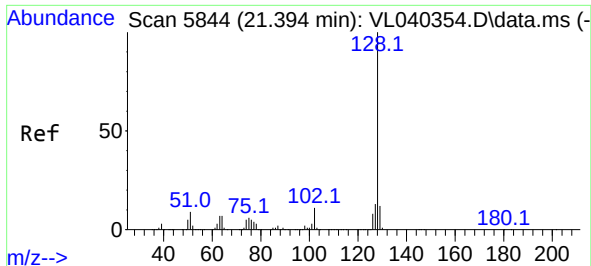
Tgt Ion:146 Resp: 100
Ion Ratio Lower Upper
146 100
111 0.0 25.4 76.0#
148 292.0 32.0 96.2#



#78
Hexachloro-1,3-Butadiene
Concen: 0.001 ppbv
RT: 22.664 min Scan# 6239
Delta R.T. 0.016 min
Lab File: VL040370.D
Acq: 13 Apr 2023 23:06

Tgt Ion:225 Resp: 114
Ion Ratio Lower Upper
225 100
223 0.0 50.7 76.1#
227 0.0 51.0 76.4#

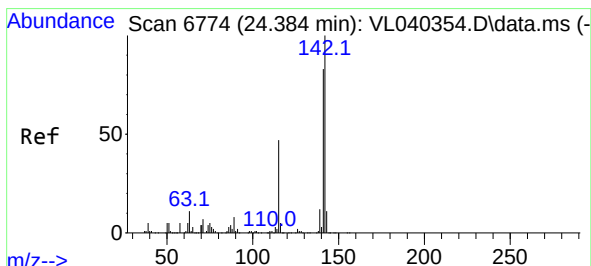
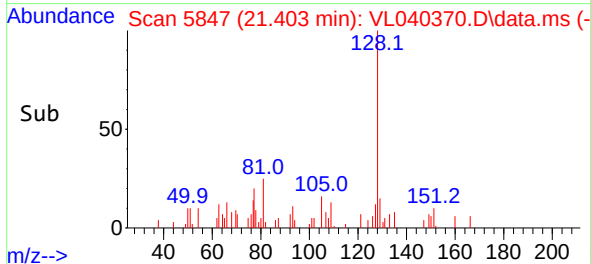
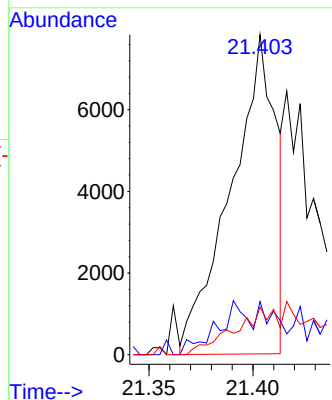
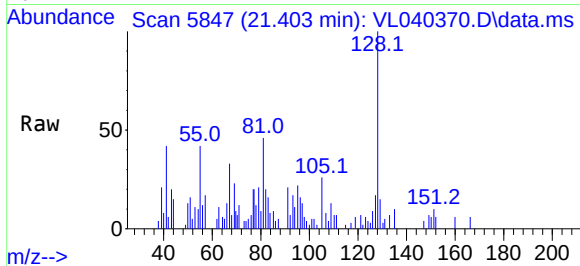




#79
Naphthalene
Concen: 0.055 ppbv
RT: 21.403 min Scan# 51
Delta R.T. 0.010 min
Lab File: VL040370.D
Acq: 13 Apr 2023 23:06

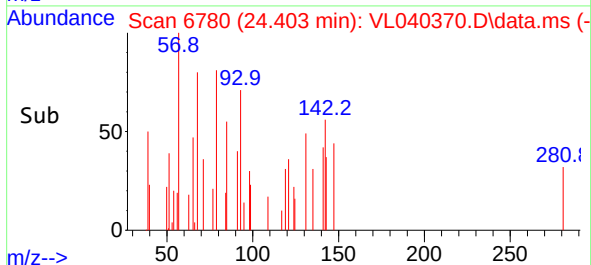
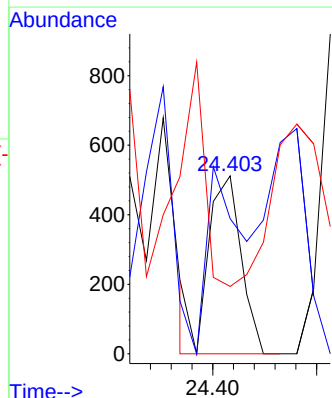
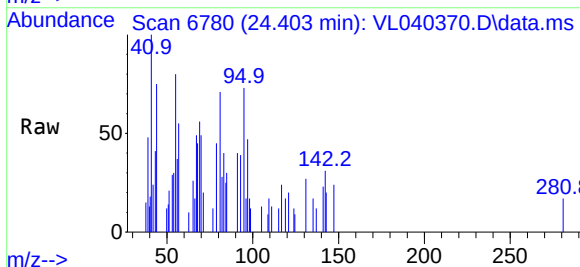
Instrument :
MSVOA_L
ClientSampleId :
SV-19-20230412

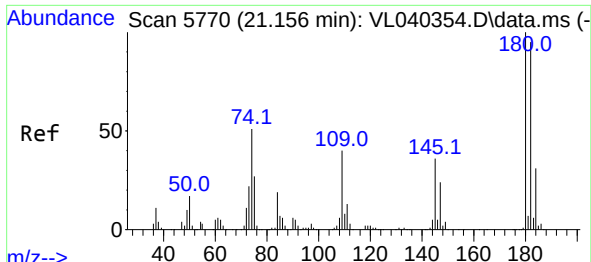
Tgt Ion:	128	Resp:	11774
Ion	Ratio	Lower	Upper
128	100		
127	14.3	10.0	15.0
129	15.3	9.4	14.0#



#80
Naphthalene,2-methyl-
Concen: 0.003 ppbv
RT: 24.403 min Scan# 6780
Delta R.T. 0.019 min
Lab File: VL040370.D
Acq: 13 Apr 2023 23:06

Tgt Ion:	142	Resp:	216
Ion	Ratio	Lower	Upper
142	100		
141	0.0	65.1	97.7#
115	336.1	36.5	54.7#





#81
 1,2,4-Trichlorobenzene
 Concen: 0.005 ppbv
 RT: 21.159 min Scan# 51
 Delta R.T. 0.003 min
 Lab File: VL040370.D
 Acq: 13 Apr 2023 23:06

Instrument :
 MSVOA_L
 ClientSampleId :
 SV-19-20230412

Tgt Ion:180 Resp: 631
 Ion Ratio Lower Upper
 180 100
 182 119.3 77.7 116.5#
 184 46.1 24.2 36.2#

