

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL031623\
 Data File : VL040290.D
 Acq On : 16 Mar 2023 11:07
 Operator : SY/MD
 Sample : VL0316ABS01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0316ABS01

Quant Time: Mar 17 04:13:33 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL031523AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Wed Mar 15 16:14:43 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.185	49	1070034	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.648	114	2854009	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.465	117	3321361	10.000	ppbv	-0.01

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.770	95	2359468	8.483	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	84.800%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.722	85	2037248	9.704	ppbv	98
3) Chlorodifluoromethane	2.668	51	1224993	9.104	ppbv	100
4) Chloromethane	2.806	50	763143	9.185	ppbv	97
5) Vinyl Chloride	2.912	62	673316	10.008	ppbv	100
6) Bromomethane	3.115	94	228671	9.802	ppbv	98
7) Chloroethane	3.189	64	237807	9.207	ppbv	96
8) Dichlorotetrafluoroethane	2.851	85	1700219	9.461	ppbv	99
9) Propene	2.687	41	497896	9.659	ppbv	96
10) Heptane	7.574	43	1258601	10.151	ppbv	99
11) Trichlorofluoromethane	3.555	101	1777641	9.345	ppbv	99
12) 1,1,2-Trichlorotrifluo...	4.057	101	1335397	9.348	ppbv	99
13) Ethanol	3.237	45	22238	5.882	ppbv	77
14) Bromoethene	3.359	108	514463	9.654	ppbv	97
15) Acetone	3.459	43	1166124	8.952	ppbv	100
16) 1,3-Butadiene	2.976	39	598705	10.111	ppbv	99
17) tert-Butyl alcohol	3.867	59	1209565	9.770	ppbv	99
18) 1,1-Dichloroethene	3.873	96	595707	9.720	ppbv	96
19) Isopropyl Alcohol	3.565	45	536269	8.594	ppbv	99
20) Methylene Chloride	3.925	84	489872	8.939	ppbv	95
21) Allyl Chloride	3.989	41	825119	9.779	ppbv	99
22) trans-1,2-Dichloroethene	4.439	96	601956	9.651	ppbv	98
23) Vinyl Acetate	4.619	43	363030	10.017	ppbv	98
24) 1,1-Dichloroethane	4.555	63	1225200	9.478	ppbv	99
25) Ethyl Acetate	5.195	43	2230496	9.146	ppbv	99
26) Hexane	5.205	57	950311	9.493	ppbv	96
27) Carbon Disulfide	4.118	76	1481205	10.593	ppbv	99
28) Methyl tert-Butyl Ether	4.578	73	1104299	9.607	ppbv	100
29) Chloroform	5.269	83	1625923	9.198	ppbv	99
30) Cyclohexane	6.597	84	817318	10.361	ppbv	98
31) cis-1,2-Dichloroethene	5.073	61	911924	9.354	ppbv	99
32) 1,1,1-Trichloroethane	5.996	97	1727910	10.203	ppbv	99
34) 2-Butanone	4.777	43	1313857	9.328	ppbv	99
35) Carbon Tetrachloride	6.487	117	1786638	9.976	ppbv	99
36) Benzene	6.365	78	2066525	9.501	ppbv	99
37) 1,2-Dichloroethane	5.799	62	1309607	9.251	ppbv	99
38) Trichloroethene	7.285	130	1231858	10.364	ppbv	98
39) 1,2-Dichloropropane	7.066	63	790955	9.269	ppbv	98
40) 1,4-Dioxane	7.282	88	299250	8.864	ppbv	75
41) Tetrahydrofuran	5.552	42	764426	9.403	ppbv	99
42) Bromodichloromethane	7.243	83	1861451	9.622	ppbv	97
43) Methyl Methacrylate	7.468	69	821094	10.159	ppbv	99
44) 2,2,4-Trimethylpentane	7.320	57	3473644	9.579	ppbv	100
45) t-1,3-Dichloropropene	8.703	75	769247	10.917	ppbv	99

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Instrument :
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Quant Time: Mar 17 04:13:33 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL031523AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Wed Mar 15 16:14:43 2023
 Response via : Initial Calibration

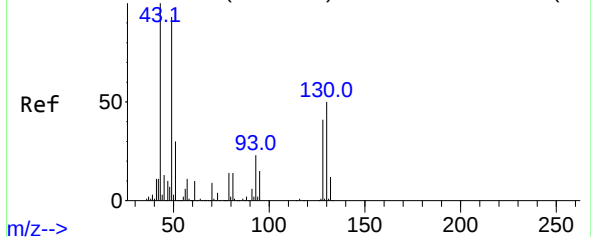
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.137	75	1062529	10.619	ppbv	100
47) 1,1,2-Trichloroethane	8.893	97	840020	9.226	ppbv	96
48) Dibromochloromethane	9.706	129	1444445	9.640	ppbv	100
49) Bromoform	12.404	173	1066800	9.480	ppbv	100
50) 4-Methyl-2-Pentanone	8.172	43	2114859	9.703	ppbv	99
51) 2-Hexanone	9.545	43	1642351	9.726	ppbv #	99
52) Tetrachloroethene	10.609	164	666882	10.135	ppbv	96
53) Toluene	9.214	91	2299931	10.091	ppbv	99
54) 1,2-Dibromoethane	10.002	107	904853	9.655	ppbv	98
56) 1,1,1,2-Tetrachloroethane	11.507	131	1025097	7.337	ppbv	98
57) Chlorobenzene	11.526	112	1736826	7.351	ppbv	97
58) Ethyl Benzene	12.082	91	3079509	8.143	ppbv	99
59) m/p-Xylene	12.368	91	2975499	8.589	ppbv #	45
60) o-Xylene	13.053	91	2542409	7.677	ppbv	99
61) Styrene	12.896	104	1419694	8.447	ppbv	99
62) Isopropylbenzene	14.027	105	3556655	7.541	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.043	83	818126	7.020	ppbv	99
64) n-propylbenzene	14.912	120	916046	7.937	ppbv	98
65) tert-Butylbenzene	16.088	119	3199351	7.872	ppbv	100
66) Benzyl Chloride	16.326	91	214585	8.124	ppbv	98
67) sec-Butylbenzene	16.635	105	4575803	7.872	ppbv	100
69) p-Isopropyltoluene	16.992	119	3762246	8.311	ppbv	100
70) n-Butylbenzene	17.883	91	4205957	8.434	ppbv	100
71) 2-Chlorotoluene	14.796	91	2770947	7.719	ppbv	100
72) 4-Ethyltoluene	15.191	105	2929914	8.091	ppbv	98
73) 1,3,5-Trimethylbenzene	15.346	105	2629368	8.017	ppbv	99
74) 1,2,4-Trimethylbenzene	16.104	105	2917186	7.799	ppbv	95
75) 1,3-Dichlorobenzene	16.326	146	1611162	7.953	ppbv	99
76) 1,4-Dichlorobenzene	16.471	146	1591859	8.239	ppbv	100
77) 1,2-Dichlorobenzene	17.140	146	1611719	8.277	ppbv	100
78) Hexachloro-1,3-Butadiene	22.635	225	1029833	7.211	ppbv	99
79) Naphthalene	21.384	128	2291588	10.356	ppbv	99
80) Naphthalene,2-methyl-	24.374	142	329993	5.888	ppbv	96
81) 1,2,4-Trichlorobenzene	21.136	180	1194360	8.763	ppbv	99

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

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

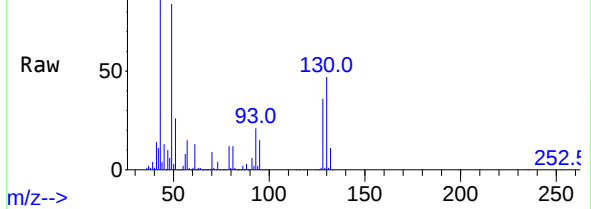


Abundance Scan 804 (5.189 min): VL040279.D\data.ms (-78)



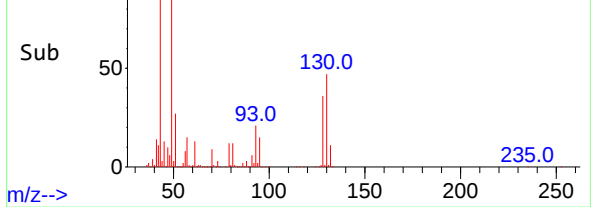
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Abundance Scan 803 (5.185 min): VL040290.D\data.ms



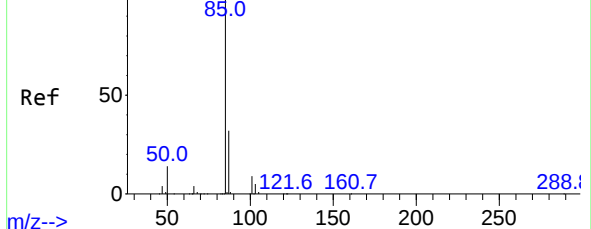
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Abundance Scan 803 (5.185 min): VL040290.D\data.ms (-64)



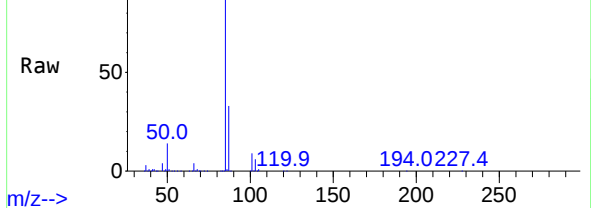
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Abundance Scan 36 (2.719 min): VL040279.D\data.ms (-28)



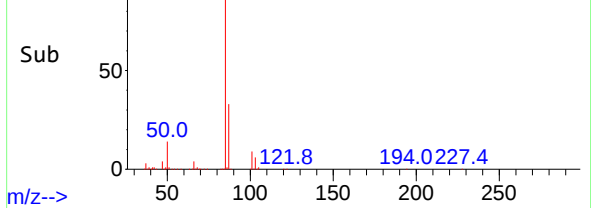
m/z-->

Abundance Scan 37 (2.722 min): VL040290.D\data.ms



m/z-->

Abundance Scan 37 (2.722 min): VL040290.D\data.ms (-1)



m/z-->

#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.185 min Scan# 80

Delta R.T. -0.004 min

Lab File: VL040290.D

Acq: 16 Mar 2023 11:07

Instrument :

MSVOA_L

ClientSampleId :

VL0316ABS01

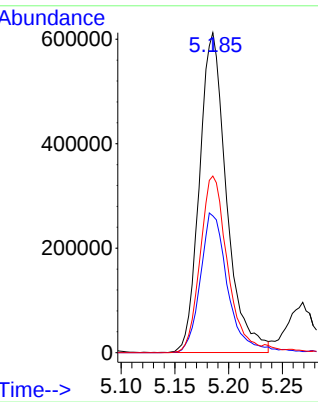
Tgt Ion: 49 Resp: 1070034

Ion Ratio Lower Upper

49 100

128 45.5 22.4 67.3

130 58.2 28.7 86.1



#2

Dichlorodifluoromethane

Concen: 9.704 ppbv

RT: 2.722 min Scan# 37

Delta R.T. 0.003 min

Lab File: VL040290.D

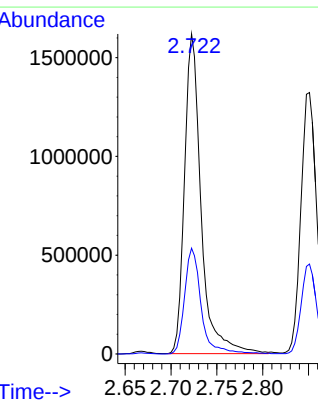
Acq: 16 Mar 2023 11:07

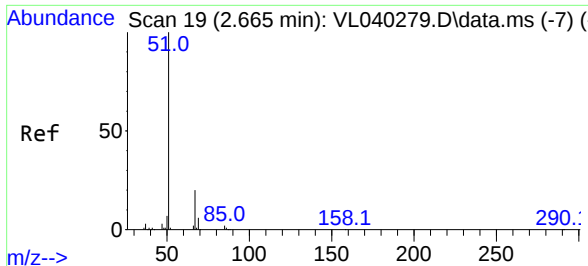
Tgt Ion: 85 Resp: 2037248

Ion Ratio Lower Upper

85 100

87 33.0 25.5 38.3

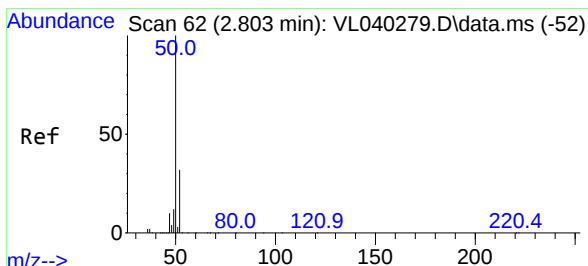
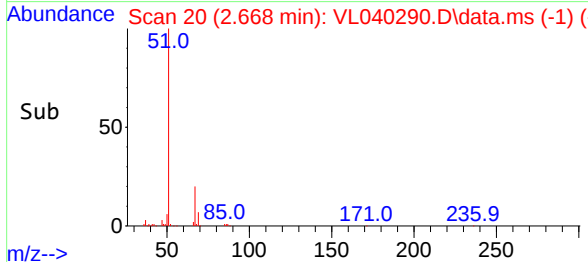
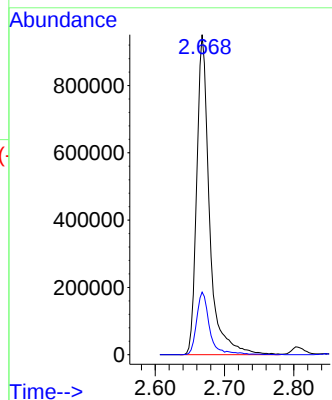
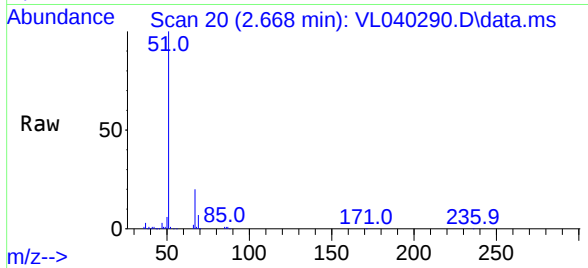




#3
Chlorodifluoromethane
Concen: 9.104 ppbv
RT: 2.668 min Scan# 20
Delta R.T. 0.003 min
Lab File: VL040290.D
Acq: 16 Mar 2023 11:07

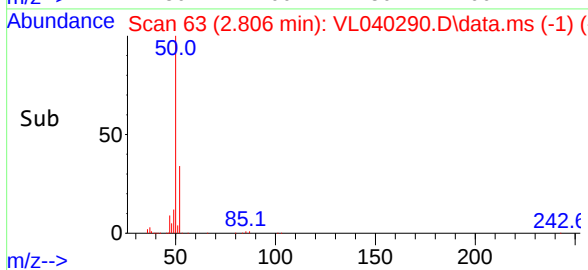
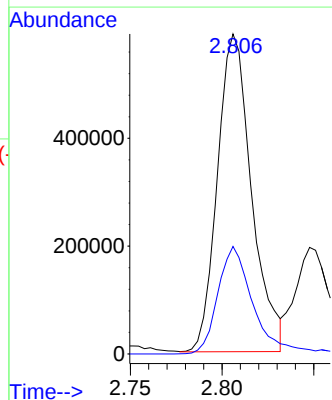
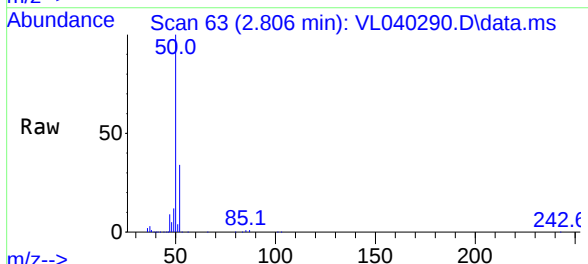
Instrument :
MSVOA_L
ClientSampleId :
VL0316ABS01

Tgt Ion: 51 Resp: 1224993
Ion Ratio Lower Upper
51 100
67 20.0 16.0 24.0

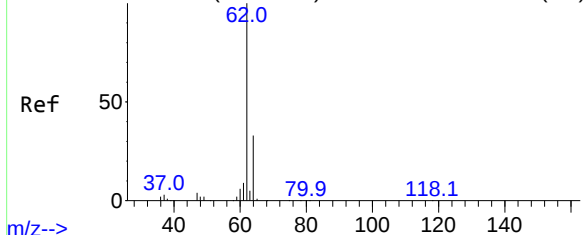


#4
Chloromethane
Concen: 9.185 ppbv
RT: 2.806 min Scan# 63
Delta R.T. 0.003 min
Lab File: VL040290.D
Acq: 16 Mar 2023 11:07

Tgt Ion: 50 Resp: 763143
Ion Ratio Lower Upper
50 100
52 33.8 25.9 38.9



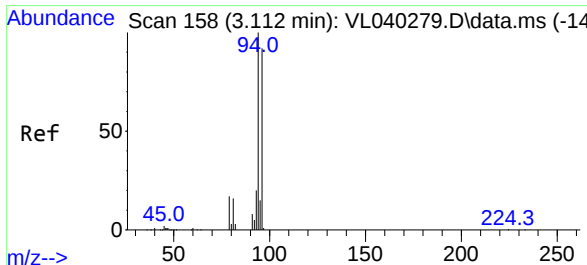
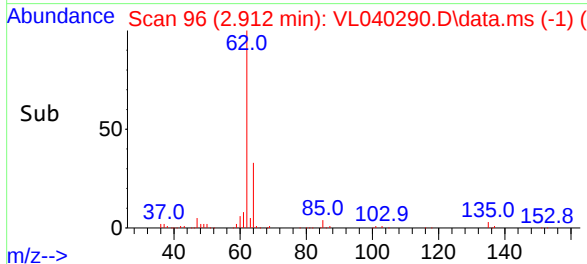
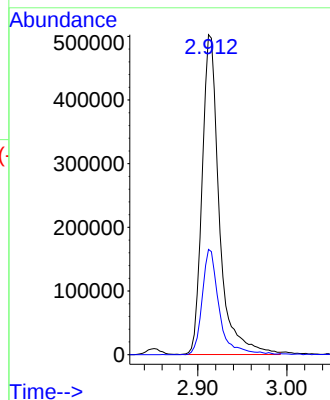
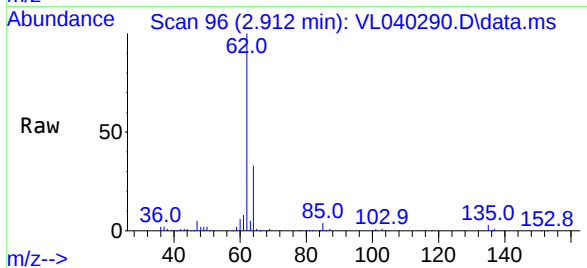
Abundance Scan 96 (2.912 min): VL040279.D\data.ms (-87)



#5
Vinyl Chloride
Concen: 10.008 ppbv
RT: 2.912 min Scan# 96
Delta R.T. 0.000 min
Lab File: VL040290.D
Acq: 16 Mar 2023 11:07

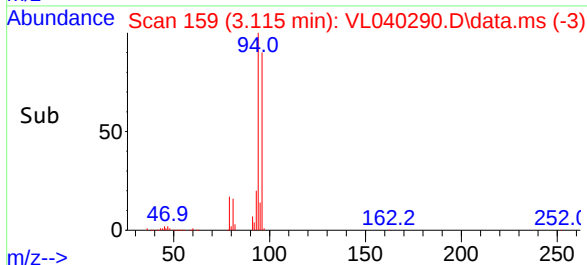
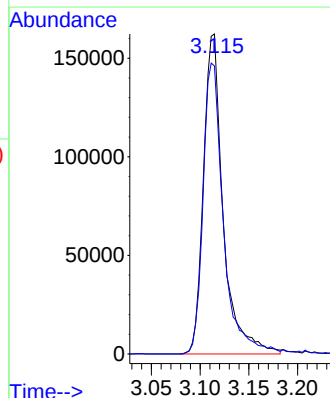
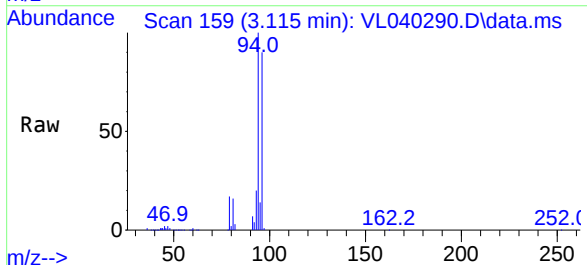
Instrument :
MSVOA_L
ClientSampleId :
VL0316ABS01

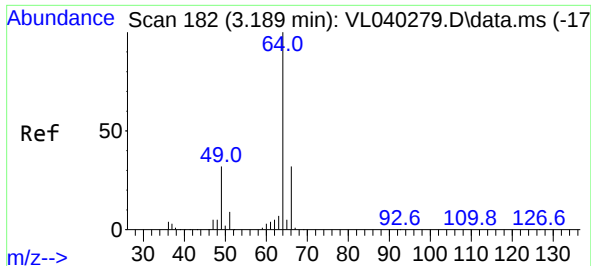
Tgt Ion: 62 Resp: 673316
Ion Ratio Lower Upper
62 100
64 32.9 26.4 39.6



#6
Bromomethane
Concen: 9.802 ppbv
RT: 3.115 min Scan# 159
Delta R.T. 0.003 min
Lab File: VL040290.D
Acq: 16 Mar 2023 11:07

Tgt Ion: 94 Resp: 228671
Ion Ratio Lower Upper
94 100
96 90.0 73.7 110.5

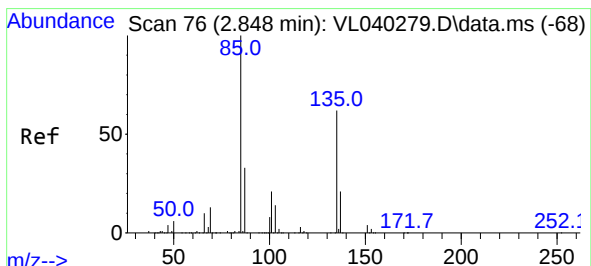
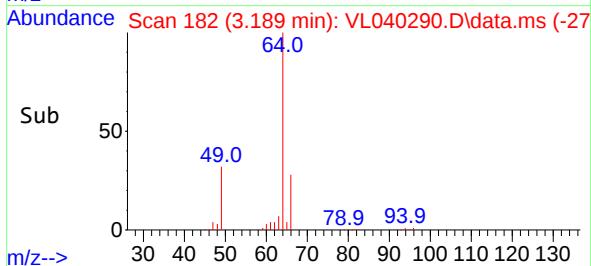
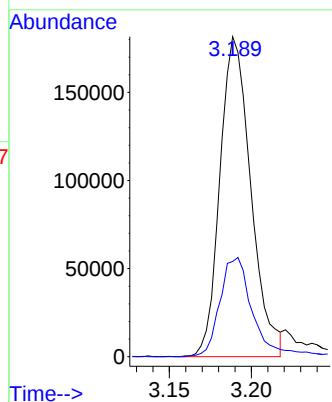
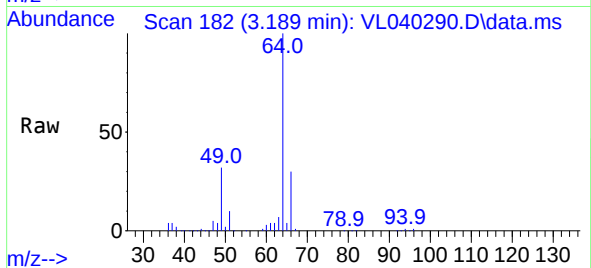




#7
Chloroethane
Concen: 9.207 ppbv
RT: 3.189 min Scan# 11
Delta R.T. -0.000 min
Lab File: VL040290.D
Acq: 16 Mar 2023 11:07

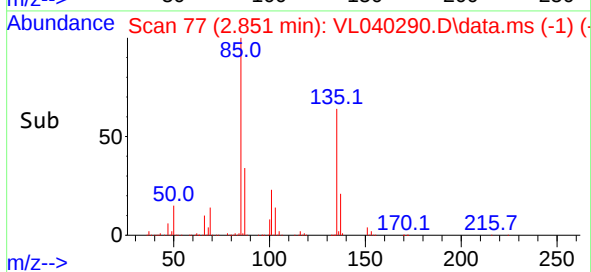
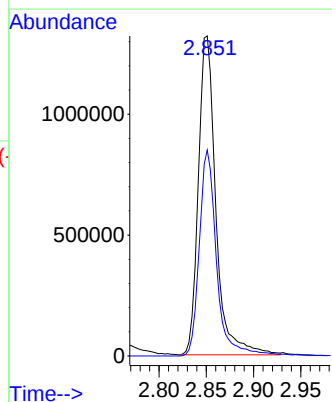
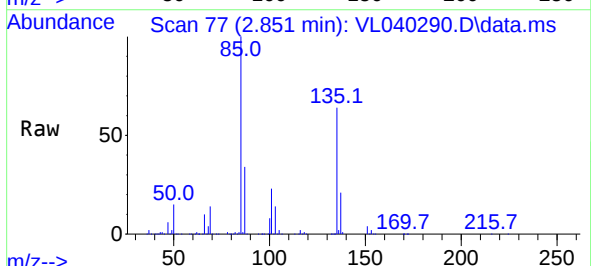
Instrument :
MSVOA_L
ClientSampleId :
VL0316ABS01

Tgt Ion: 64 Resp: 237807
Ion Ratio Lower Upper
64 100
66 29.7 25.5 38.3

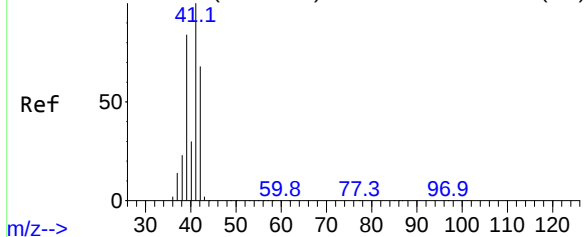


#8
Dichlorotetrafluoroethane
Concen: 9.461 ppbv
RT: 2.851 min Scan# 77
Delta R.T. 0.003 min
Lab File: VL040290.D
Acq: 16 Mar 2023 11:07

Tgt Ion: 85 Resp: 1700219
Ion Ratio Lower Upper
85 100
135 64.3 52.0 78.0



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



#9

Propene

Concen: 9.659 ppbv

RT: 2.687 min Scan# 2

Delta R.T. 0.003 min

Lab File: VL040290.D

Acq: 16 Mar 2023 11:07

Instrument :

MSVOA_L

ClientSampleId :

VL0316ABS01

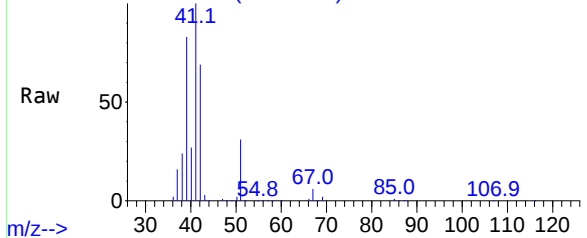
Tgt Ion: 41 Resp: 497896

Ion Ratio Lower Upper

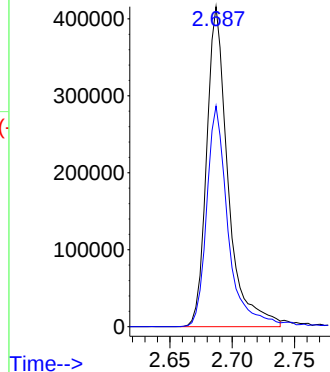
41 100

42 70.3 59.0 88.4

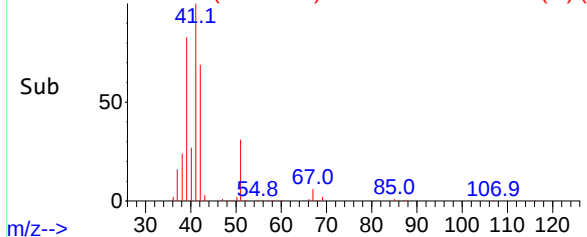
Abundance Scan 26 (2.687 min): VL040290.D\data.ms



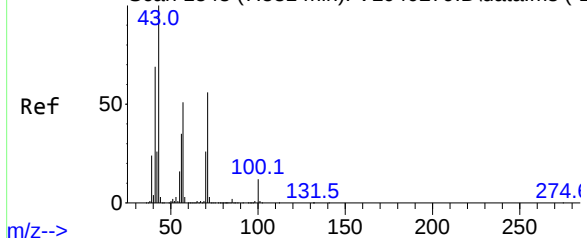
Abundance



Abundance Scan 26 (2.687 min): VL040290.D\data.ms (-1)



Abundance Scan 1548 (7.581 min): VL040279.D\data.ms (-1)



#10

Heptane

Concen: 10.151 ppbv

RT: 7.574 min Scan# 1546

Delta R.T. -0.007 min

Lab File: VL040290.D

Acq: 16 Mar 2023 11:07

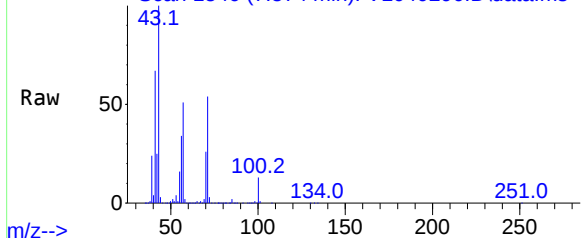
Tgt Ion: 43 Resp: 1258601

Ion Ratio Lower Upper

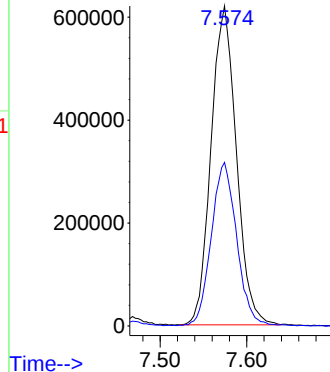
43 100

57 51.7 41.7 62.5

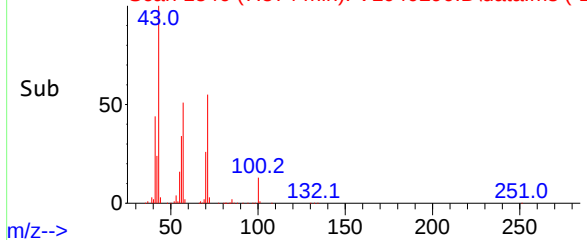
Abundance Scan 1546 (7.574 min): VL040290.D\data.ms

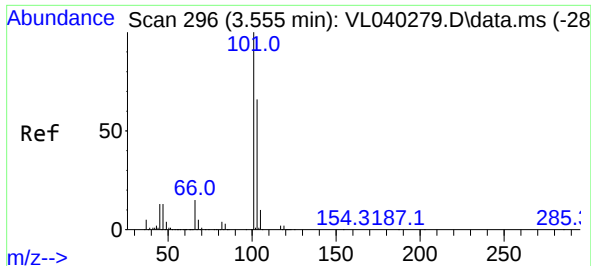


Abundance



Abundance Scan 1546 (7.574 min): VL040290.D\data.ms (-1)

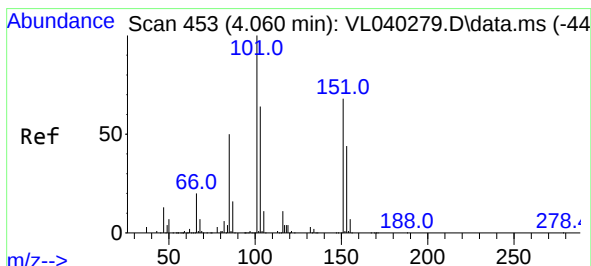
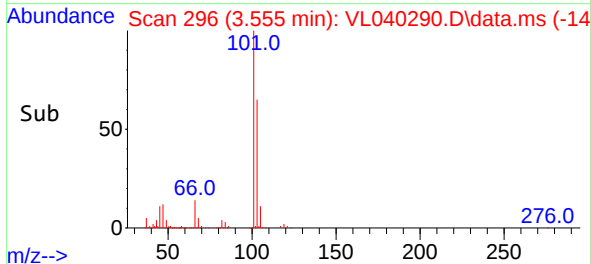
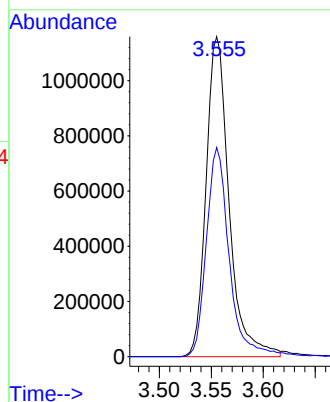
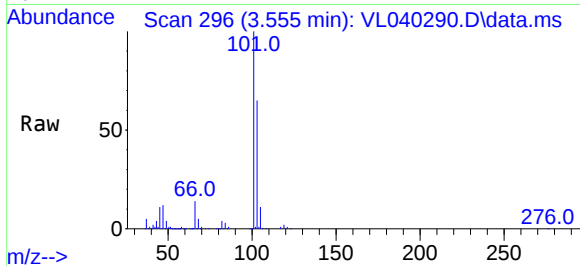




#11
Trichlorofluoromethane
Concen: 9.345 ppbv
RT: 3.555 min Scan# 296
Delta R.T. 0.000 min
Lab File: VL040290.D
Acq: 16 Mar 2023 11:07

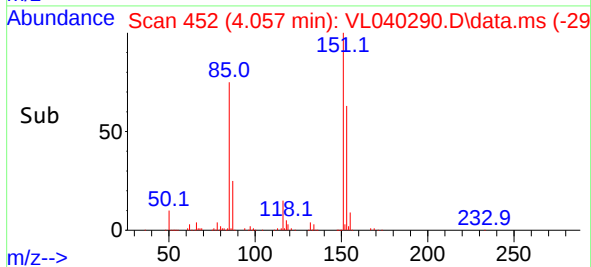
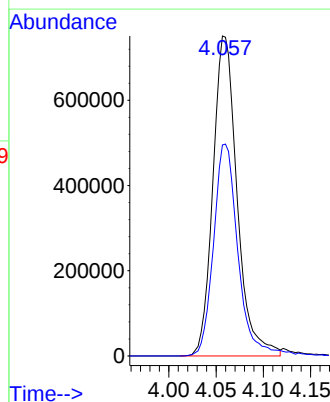
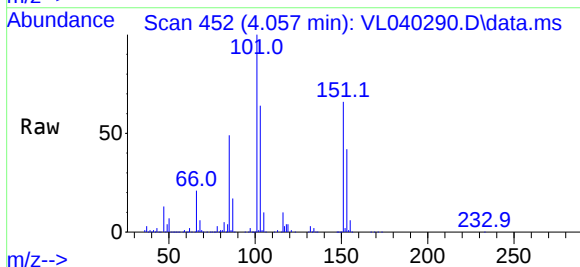
Instrument :
MSVOA_L
ClientSampleId :
VL0316ABS01

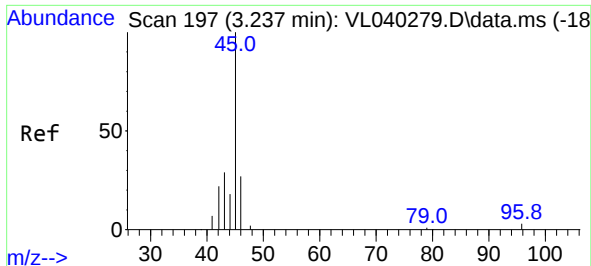
Tgt Ion:101 Resp: 1777641
Ion Ratio Lower Upper
101 100
103 65.3 53.1 79.7



#12
1,1,2-Trichlorotrifluoroethane
Concen: 9.348 ppbv
RT: 4.057 min Scan# 452
Delta R.T. -0.003 min
Lab File: VL040290.D
Acq: 16 Mar 2023 11:07

Tgt Ion:101 Resp: 1335397
Ion Ratio Lower Upper
101 100
151 67.6 53.2 79.8

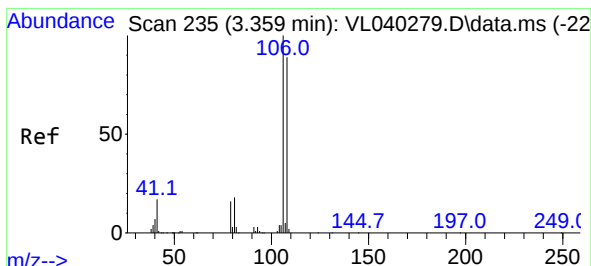
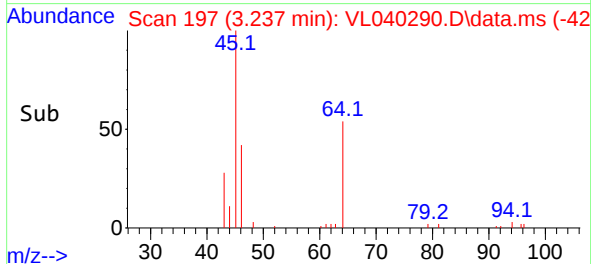
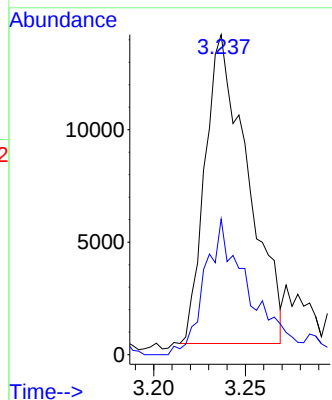
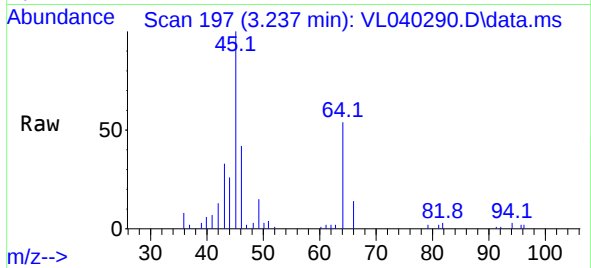




#13
Ethanol
Concen: 5.882 ppbv
RT: 3.237 min Scan# 197
Delta R.T. -0.000 min
Lab File: VL040290.D
Acq: 16 Mar 2023 11:07

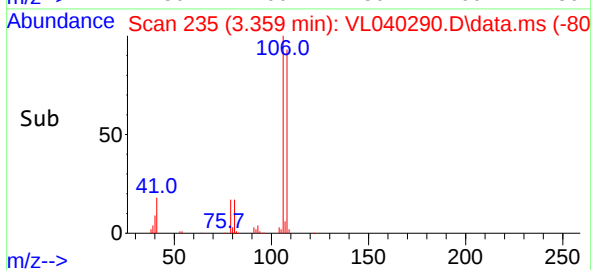
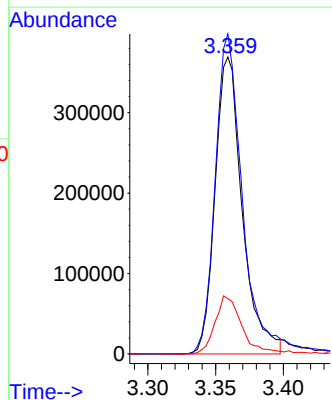
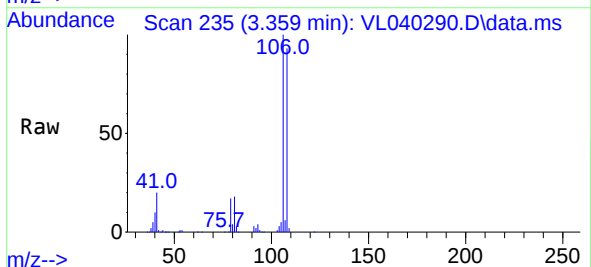
Instrument :
MSVOA_1
ClientSampleId :
VL0316ABS01

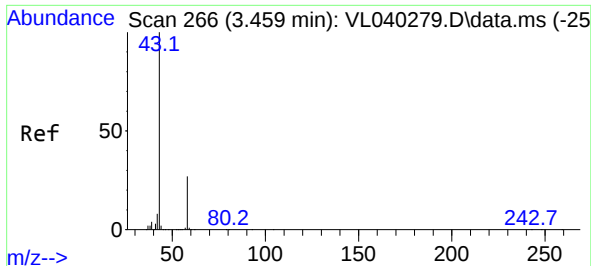
Tgt Ion: 45 Resp: 22238
Ion Ratio Lower Upper
45 100
46 51.3 15.0 60.2



#14
Bromoethene
Concen: 9.654 ppbv
RT: 3.359 min Scan# 235
Delta R.T. -0.000 min
Lab File: VL040290.D
Acq: 16 Mar 2023 11:07

Tgt Ion: 108 Resp: 514463
Ion Ratio Lower Upper
108 100
106 111.0 85.8 128.8
79 20.2 15.8 23.6

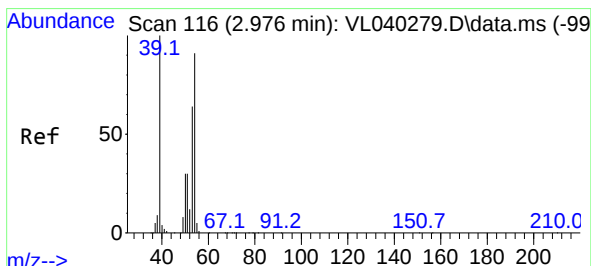
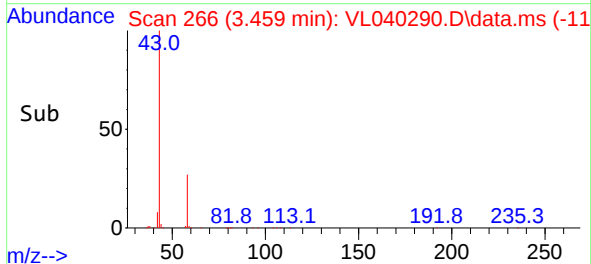
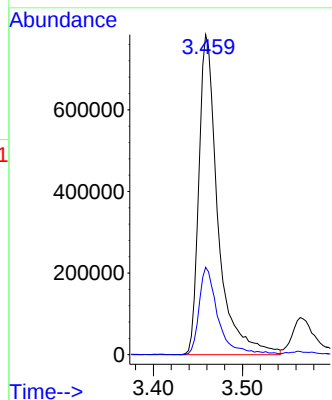
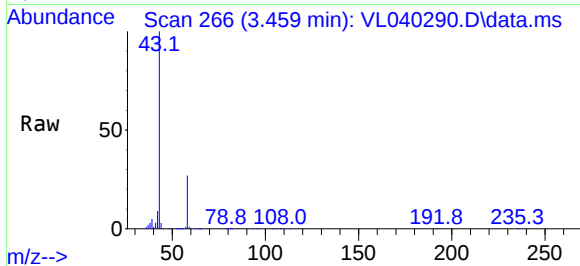




#15
Acetone
Concen: 8.952 ppbv
RT: 3.459 min Scan# 20
Delta R.T. -0.000 min
Lab File: VL040290.D
Acq: 16 Mar 2023 11:07

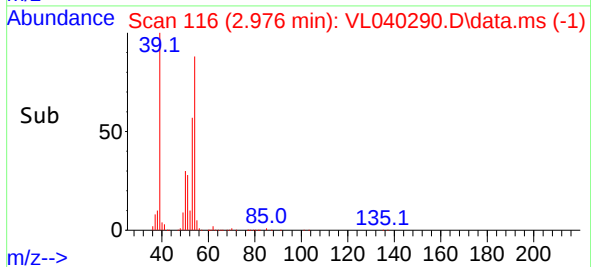
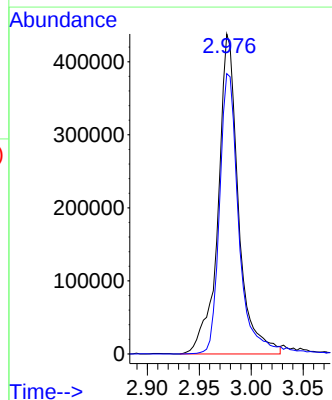
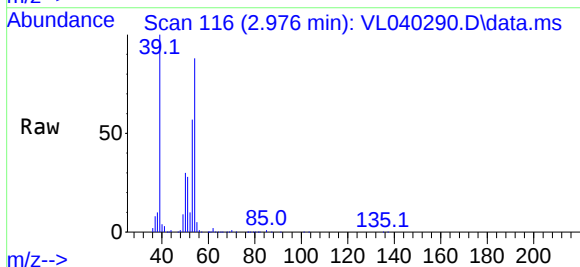
Instrument :
MSVOA_L
ClientSampleId :
VL0316ABS01

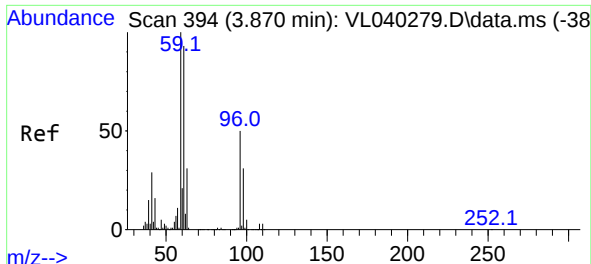
Tgt Ion: 43 Resp: 1166124
Ion Ratio Lower Upper
43 100
58 27.3 21.8 32.8



#16
1,3-Butadiene
Concen: 10.111 ppbv
RT: 2.976 min Scan# 116
Delta R.T. 0.000 min
Lab File: VL040290.D
Acq: 16 Mar 2023 11:07

Tgt Ion: 39 Resp: 598705
Ion Ratio Lower Upper
39 100
54 84.2 68.4 102.6

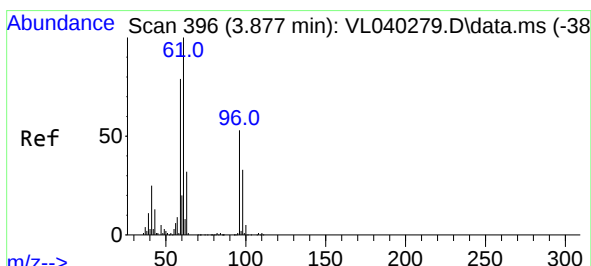
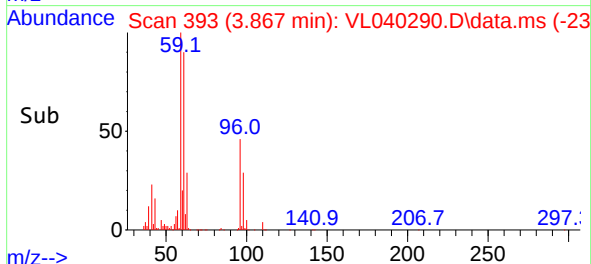
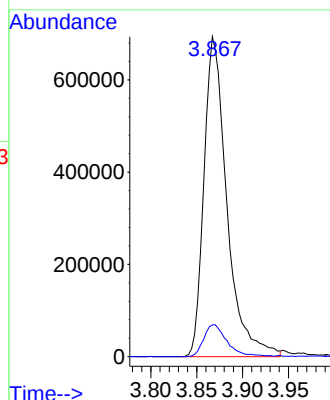
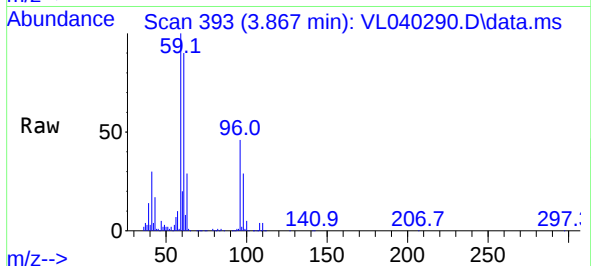




#17
tert-Butyl alcohol
Concen: 9.770 ppbv
RT: 3.867 min Scan# 394
Delta R.T. -0.003 min
Lab File: VL040290.D
Acq: 16 Mar 2023 11:07

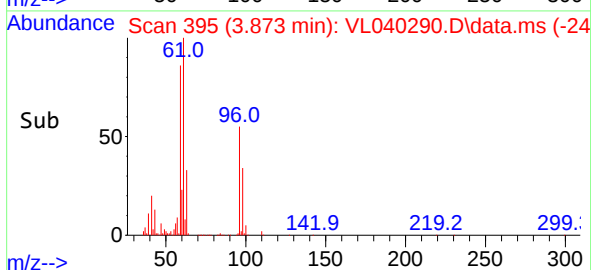
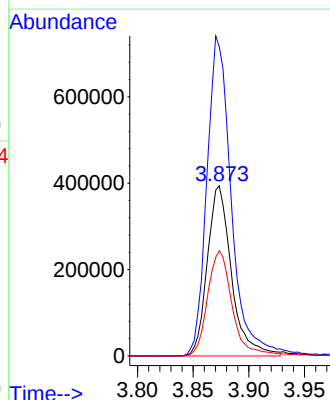
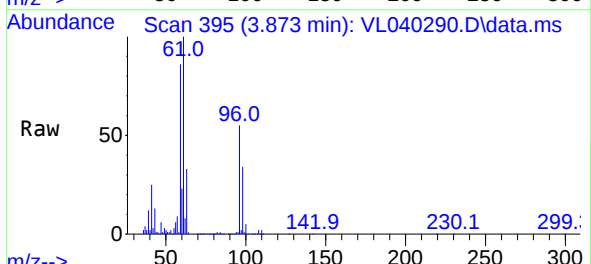
Instrument :
MSVOA_1
ClientSampleId :
VL0316ABS01

Tgt Ion: 59 Resp: 1209565
Ion Ratio Lower Upper
59 100
57 10.4 8.5 12.7

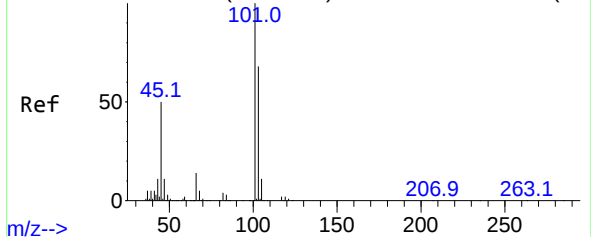


#18
1,1-Dichloroethene
Concen: 9.720 ppbv
RT: 3.873 min Scan# 395
Delta R.T. -0.004 min
Lab File: VL040290.D
Acq: 16 Mar 2023 11:07

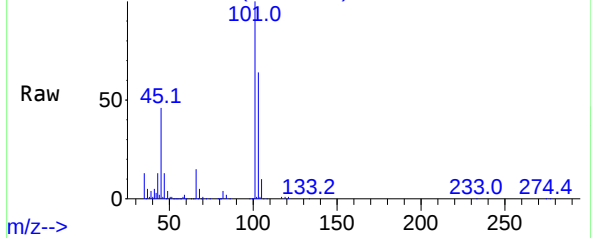
Tgt Ion: 96 Resp: 595707
Ion Ratio Lower Upper
96 100
61 181.7 150.6 226.0
98 61.8 50.3 75.5



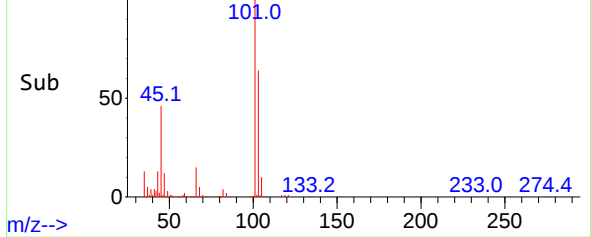
Abundance Scan 299 (3.565 min): VL040279.D\data.ms (-28



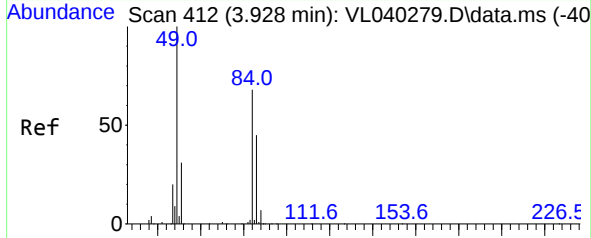
m/z--> Abundance Scan 299 (3.565 min): VL040290.D\data.ms



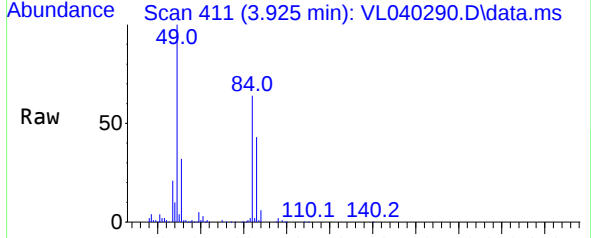
m/z--> Abundance Scan 299 (3.565 min): VL040290.D\data.ms (-14



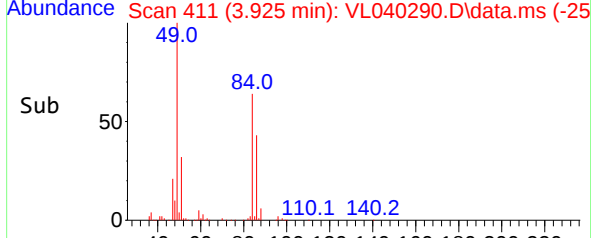
m/z--> Abundance Scan 412 (3.928 min): VL040279.D\data.ms (-40



m/z--> Abundance Scan 411 (3.925 min): VL040290.D\data.ms



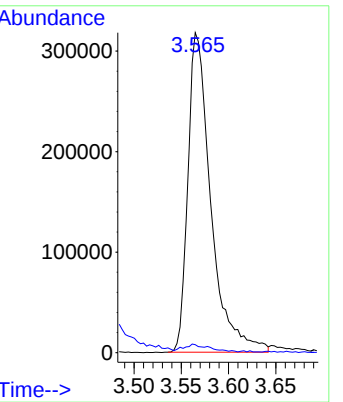
m/z--> Abundance Scan 411 (3.925 min): VL040290.D\data.ms (-25



m/z--> Abundance

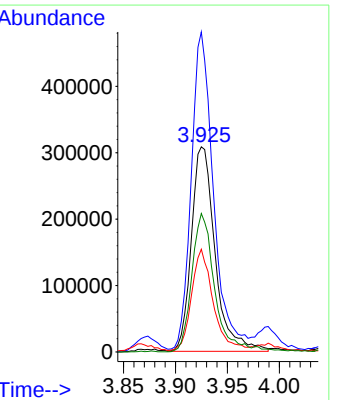
#19
Isopropyl Alcohol
Concen: 8.594 ppbv
RT: 3.565 min Scan# 299
Delta R.T. -0.000 min
Lab File: VL040290.D
Acq: 16 Mar 2023 11:07

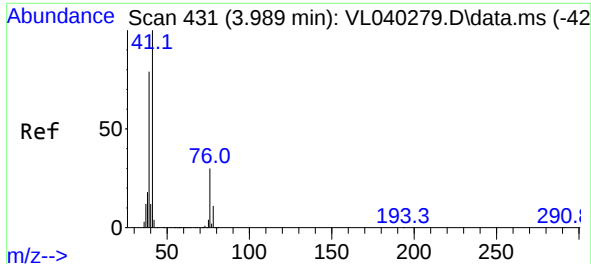
Tgt Ion: 45 Resp: 536269
Ion Ratio Lower Upper
45 100
58 3.2 2.7 4.1



#20
Methylene Chloride
Concen: 8.939 ppbv
RT: 3.925 min Scan# 411
Delta R.T. -0.003 min
Lab File: VL040290.D
Acq: 16 Mar 2023 11:07

Tgt Ion: 84 Resp: 489872
Ion Ratio Lower Upper
84 100
49 155.2 117.5 176.3
51 49.5 36.9 55.3
86 67.6 53.3 79.9





#21

Allyl Chloride

Concen: 9.779 ppbv

RT: 3.989 min Scan# 41

Delta R.T. 0.000 min

Lab File: VL040290.D

Acq: 16 Mar 2023 11:07

Instrument :

MSVOA_L

ClientSampleId :

VL0316ABS01

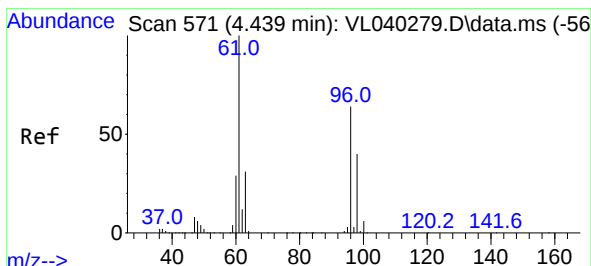
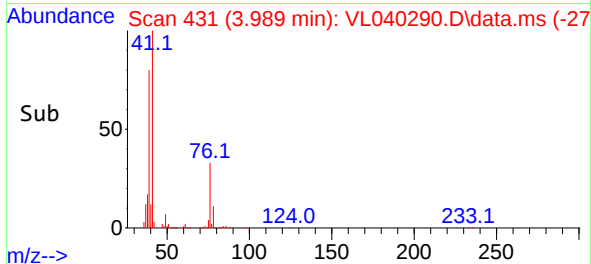
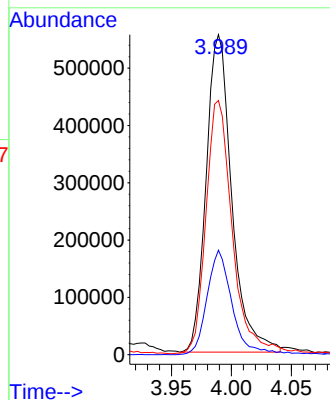
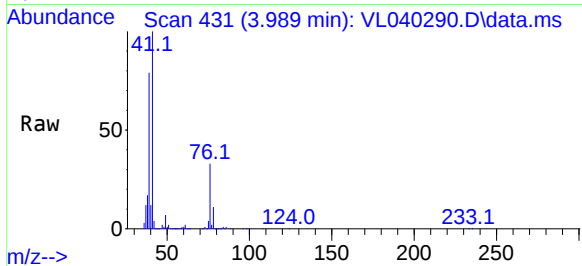
Tgt Ion: 41 Resp: 825119

Ion Ratio Lower Upper

41 100

76 32.5 25.4 38.0

39 82.8 65.4 98.2



#22

trans-1,2-Dichloroethene

Concen: 9.651 ppbv

RT: 4.439 min Scan# 571

Delta R.T. 0.000 min

Lab File: VL040290.D

Acq: 16 Mar 2023 11:07

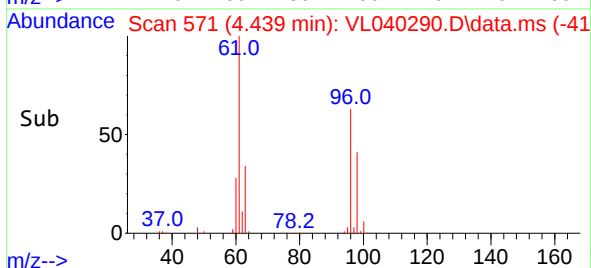
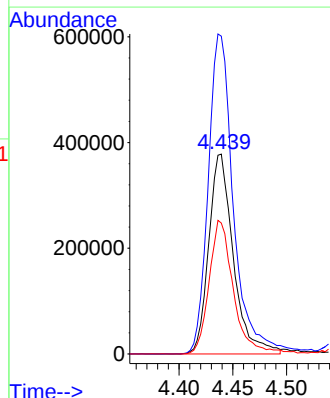
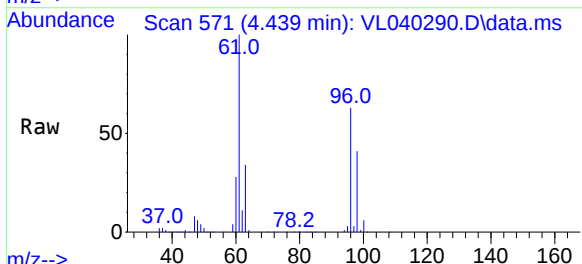
Tgt Ion: 96 Resp: 601956

Ion Ratio Lower Upper

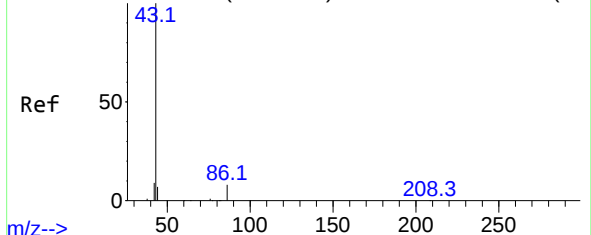
96 100

61 159.1 125.4 188.2

98 65.5 49.8 74.6



Abundance Scan 628 (4.623 min): VL040279.D\data.ms (-62



#23

Vinyl Acetate

Concen: 10.017 ppbv

RT: 4.619 min Scan# 61

Delta R.T. -0.004 min

Lab File: VL040290.D

Acq: 16 Mar 2023 11:07

Instrument :

MSVOA_L

ClientSampleId :

VL0316ABS01

Tgt Ion: 43 Resp: 363030

Ion Ratio Lower Upper

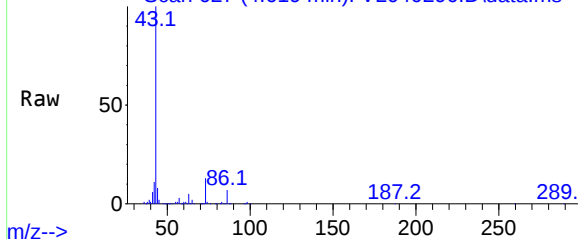
43 100

86 6.7 5.0 7.4

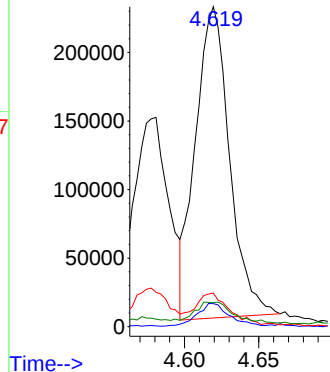
42 10.4 9.1 13.7

44 6.6 4.5 6.7

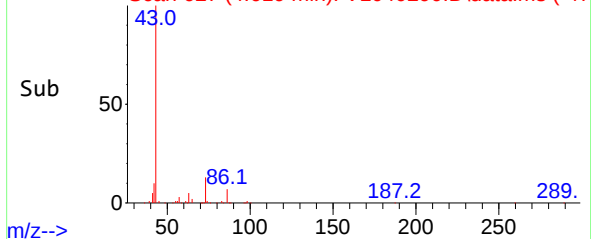
Abundance Scan 627 (4.619 min): VL040290.D\data.ms



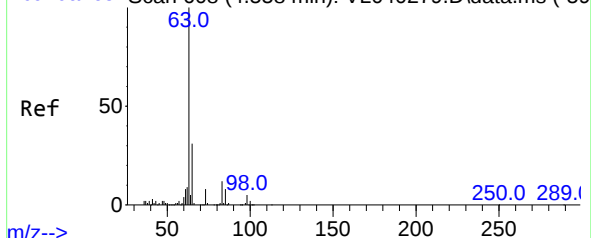
Abundance



Abundance Scan 627 (4.619 min): VL040290.D\data.ms (-47



Abundance Scan 608 (4.558 min): VL040279.D\data.ms (-59



#24

1,1-Dichloroethane

Concen: 9.478 ppbv

RT: 4.555 min Scan# 607

Delta R.T. -0.003 min

Lab File: VL040290.D

Acq: 16 Mar 2023 11:07

Tgt Ion: 63 Resp: 1225200

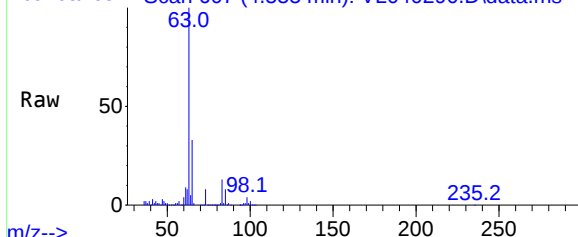
Ion Ratio Lower Upper

63 100

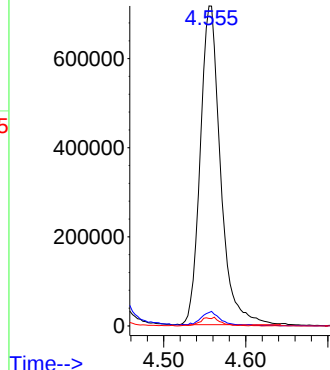
98 4.2 2.4 7.2

100 2.3 1.2 3.6

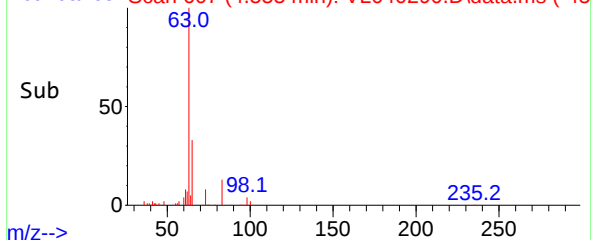
Abundance Scan 607 (4.555 min): VL040290.D\data.ms

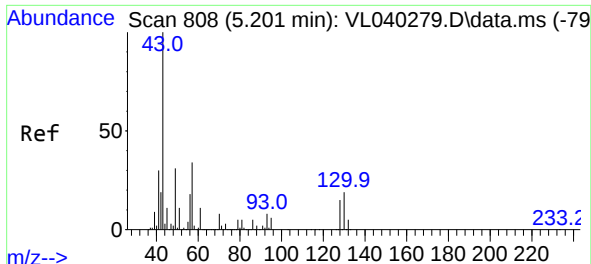


Abundance



Abundance Scan 607 (4.555 min): VL040290.D\data.ms (-45



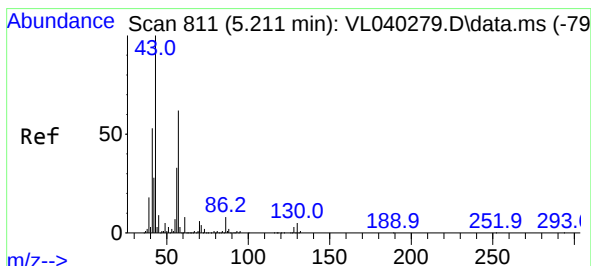
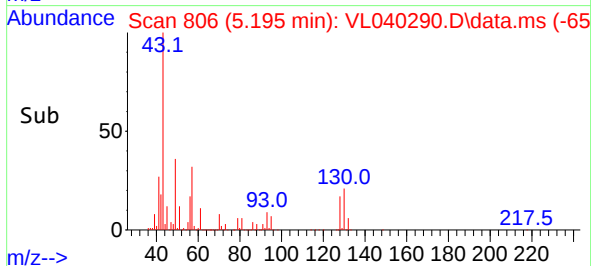
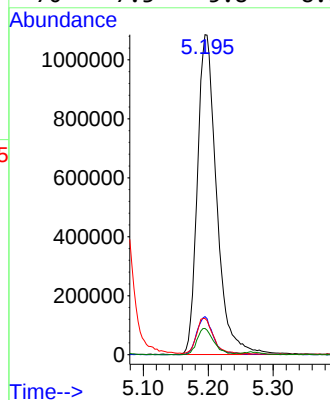
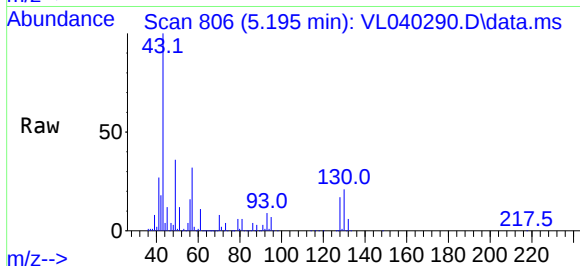


#25
Ethyl Acetate
Concen: 9.146 ppbv
RT: 5.195 min Scan# 808
Delta R.T. -0.006 min
Lab File: VL040290.D
Acq: 16 Mar 2023 11:07

Instrument :
MSVOA_L
ClientSampleId :
VL0316ABS01

Tgt Ion: 43 Resp: 2230496

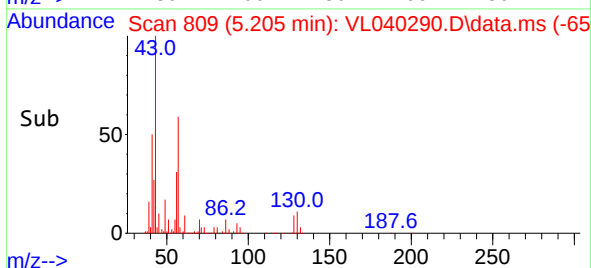
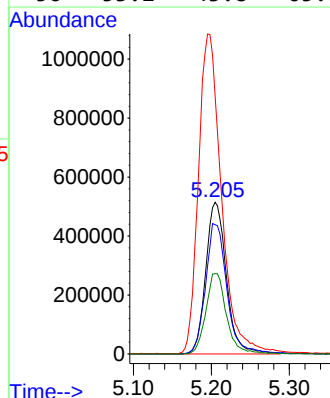
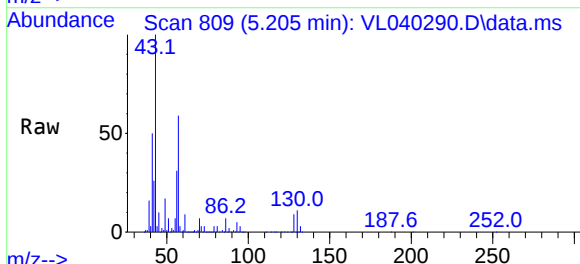
Ion	Ratio	Lower	Upper
43	100		
45	10.5	8.6	12.8
61	10.7	8.4	12.6
70	7.3	5.8	8.6

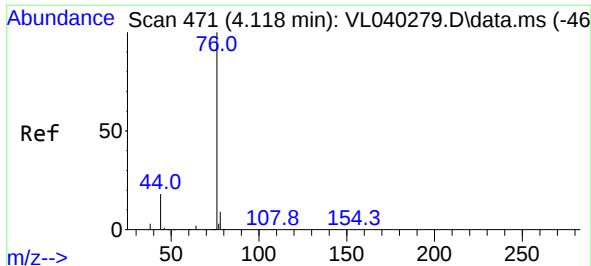


#26
Hexane
Concen: 9.493 ppbv
RT: 5.205 min Scan# 809
Delta R.T. -0.006 min
Lab File: VL040290.D
Acq: 16 Mar 2023 11:07

Tgt Ion: 57 Resp: 950311

Ion	Ratio	Lower	Upper
57	100		
41	89.7	73.5	110.3
43	235.6	196.3	294.5
56	53.2	43.8	65.8

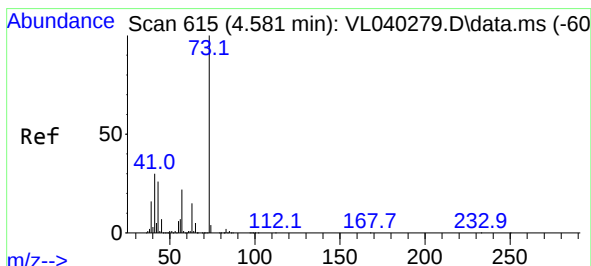
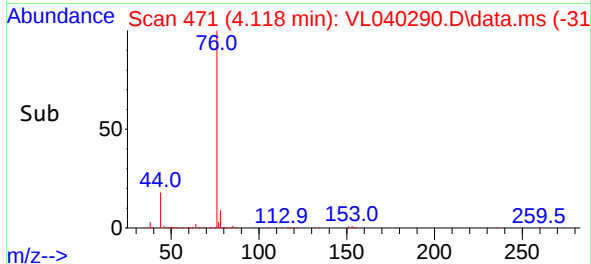
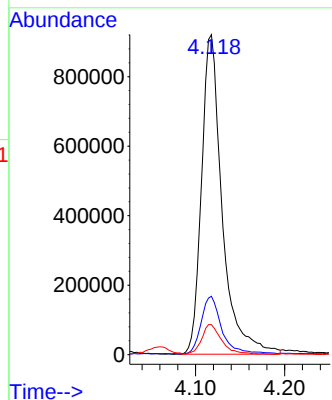
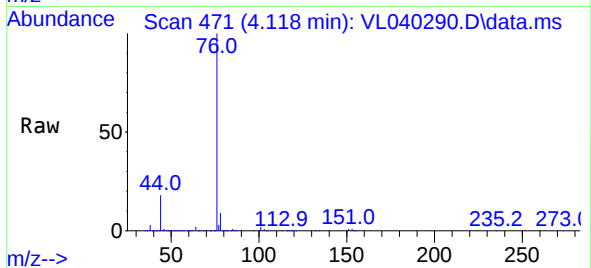




#27
Carbon Disulfide
Concen: 10.593 ppbv
RT: 4.118 min Scan# 41
Delta R.T. -0.000 min
Lab File: VL040290.D
Acq: 16 Mar 2023 11:07

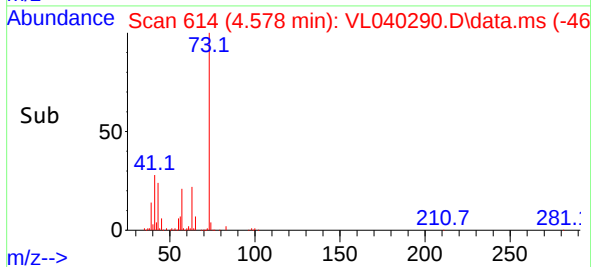
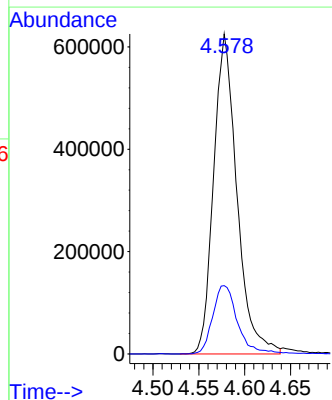
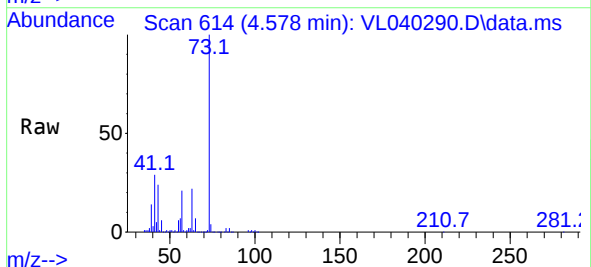
Instrument :
MSVOA_L
ClientSampleId :
VL0316ABS01

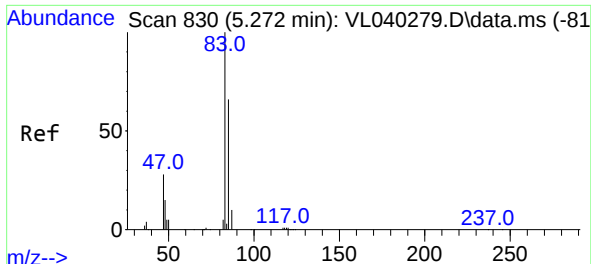
Tgt Ion: 76 Resp: 1481205
Ion Ratio Lower Upper
76 100
44 18.2 15.2 22.8
78 9.3 7.6 11.4



#28
Methyl tert-Butyl Ether
Concen: 9.607 ppbv
RT: 4.578 min Scan# 614
Delta R.T. -0.003 min
Lab File: VL040290.D
Acq: 16 Mar 2023 11:07

Tgt Ion: 73 Resp: 1104299
Ion Ratio Lower Upper
73 100
57 23.0 18.4 27.6





#29

Chloroform

Concen: 9.198 ppbv

RT: 5.269 min Scan# 81

Delta R.T. -0.003 min

Lab File: VL040290.D

Acq: 16 Mar 2023 11:07

Instrument :

MSVOA_L

ClientSampleId :

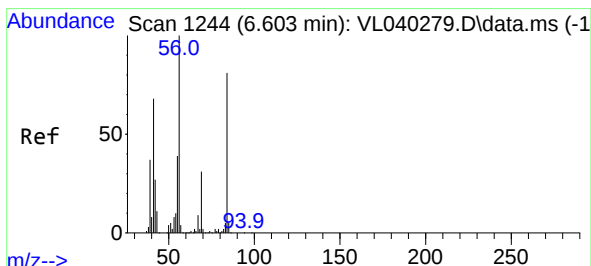
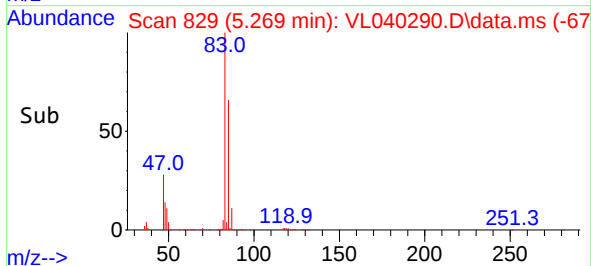
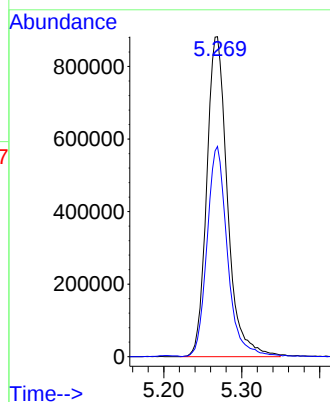
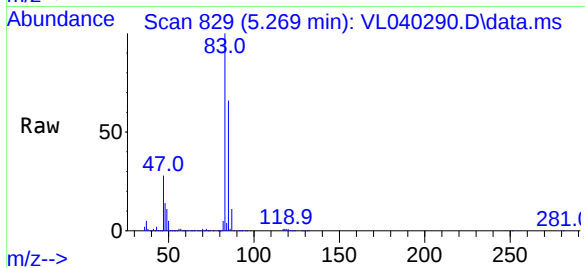
VL0316ABS01

Tgt Ion: 83 Resp: 1625923

Ion Ratio Lower Upper

83 100

85 65.6 52.8 79.2



#30

Cyclohexane

Concen: 10.361 ppbv

RT: 6.597 min Scan# 1242

Delta R.T. -0.006 min

Lab File: VL040290.D

Acq: 16 Mar 2023 11:07

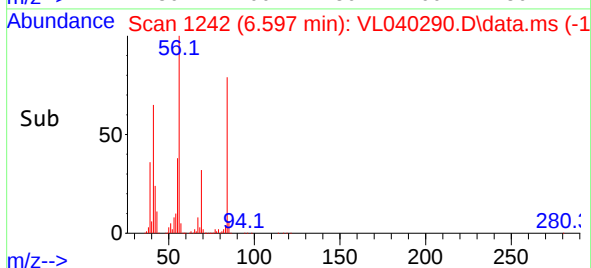
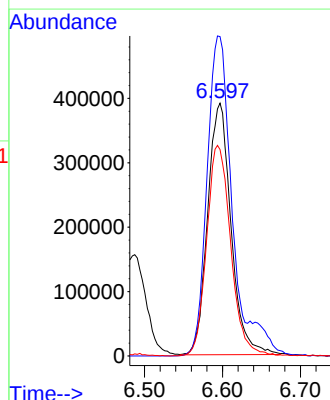
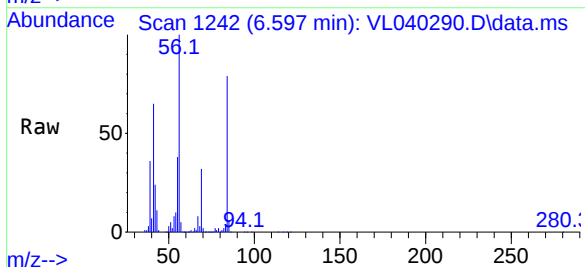
Tgt Ion: 84 Resp: 817318

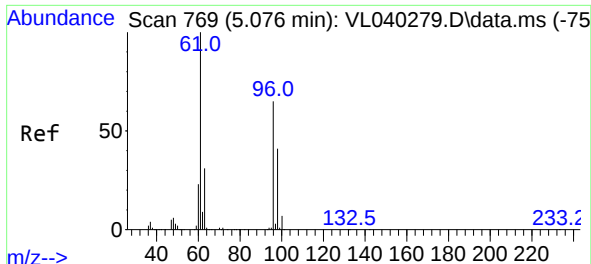
Ion Ratio Lower Upper

84 100

56 138.4 109.0 163.4

41 86.2 67.9 101.9

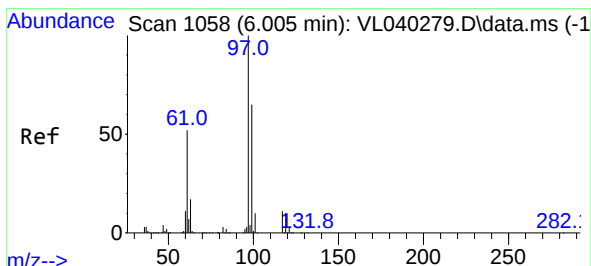
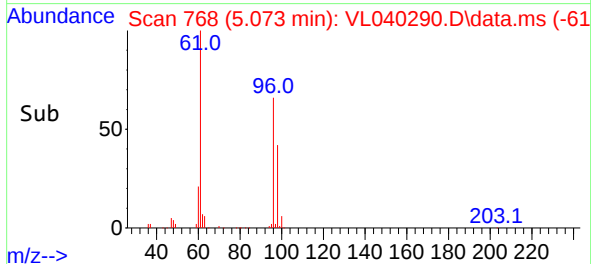
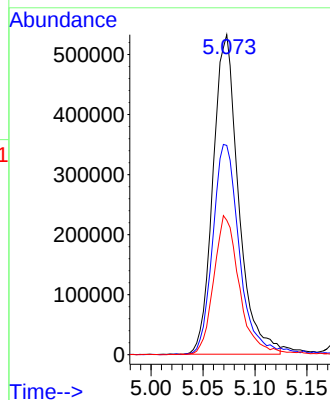
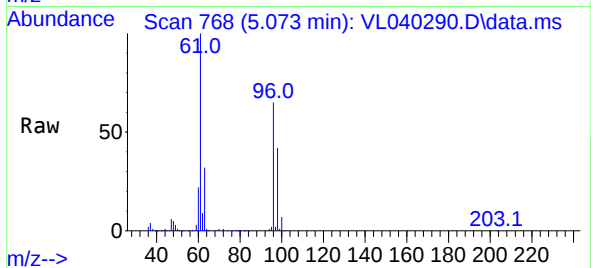




#31
 cis-1,2-Dichloroethene
 Concen: 9.354 ppbv
 RT: 5.073 min Scan# 70
 Delta R.T. -0.003 min
 Lab File: VL040290.D
 Acq: 16 Mar 2023 11:07

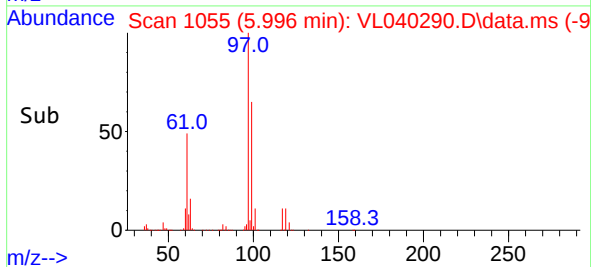
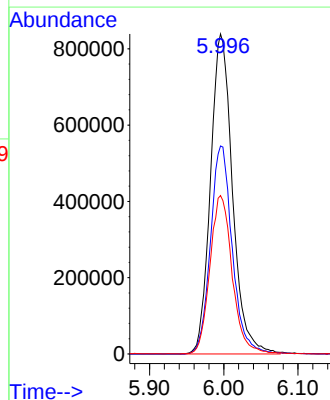
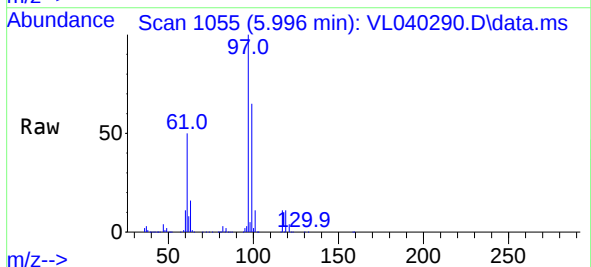
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0316ABS01

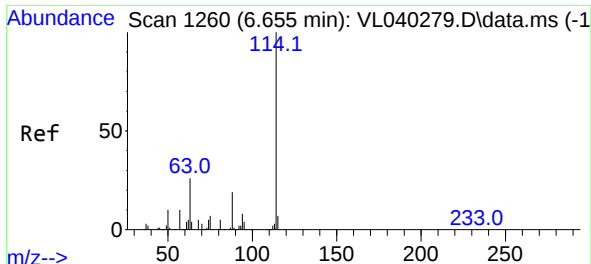
Tgt Ion: 61 Resp: 911924
 Ion Ratio Lower Upper
 61 100
 96 65.4 51.8 77.8
 98 41.9 32.5 48.7



#32
 1,1,1-Trichloroethane
 Concen: 10.203 ppbv
 RT: 5.996 min Scan# 1055
 Delta R.T. -0.009 min
 Lab File: VL040290.D
 Acq: 16 Mar 2023 11:07

Tgt Ion: 97 Resp: 1727910
 Ion Ratio Lower Upper
 97 100
 99 64.5 52.2 78.2
 61 50.4 41.4 62.2





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.648 min Scan# 11

Delta R.T. -0.007 min

Lab File: VL040290.D

Acq: 16 Mar 2023 11:07

Instrument :

MSVOA_L

ClientSampleId :

VL0316ABS01

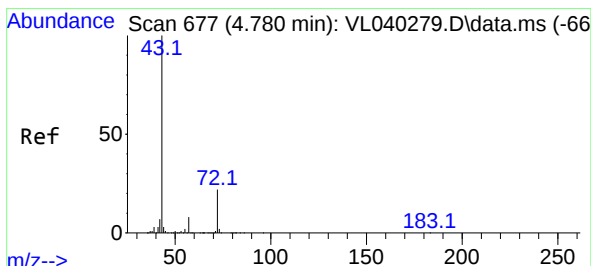
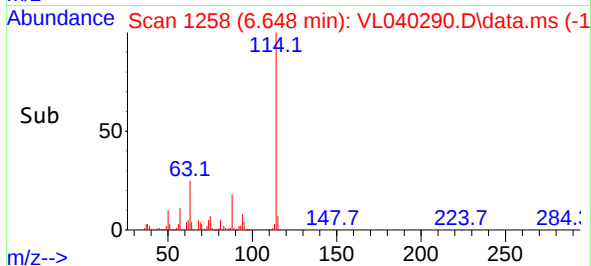
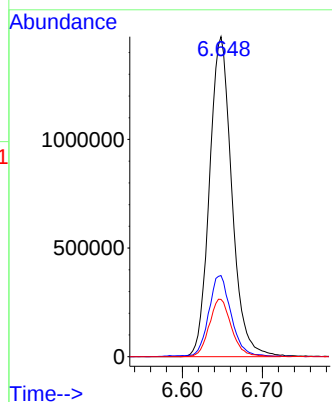
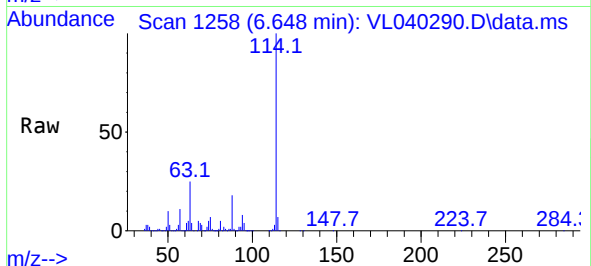
Tgt Ion:114 Resp: 2854009

Ion Ratio Lower Upper

114 100

63 26.0 21.2 31.8

88 18.0 14.5 21.7



#34

2-Butanone

Concen: 9.328 ppbv

RT: 4.777 min Scan# 676

Delta R.T. -0.003 min

Lab File: VL040290.D

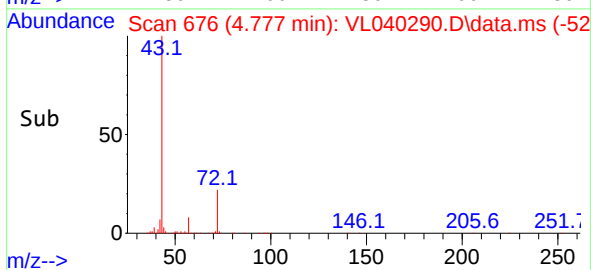
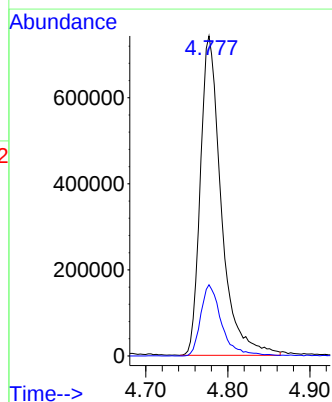
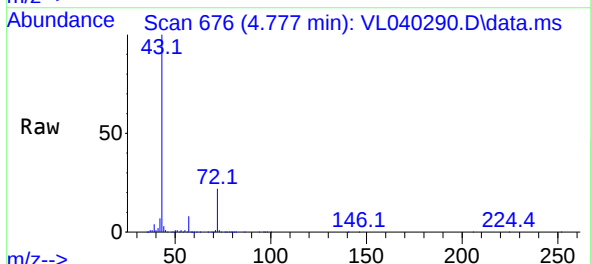
Acq: 16 Mar 2023 11:07

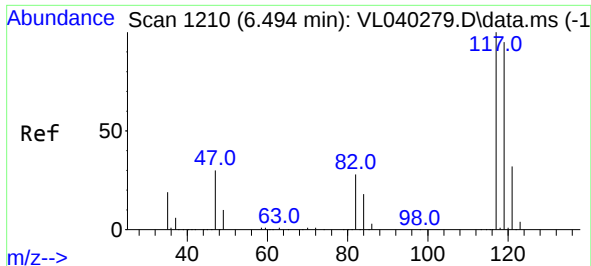
Tgt Ion: 43 Resp: 1313857

Ion Ratio Lower Upper

43 100

72 22.6 18.3 27.5

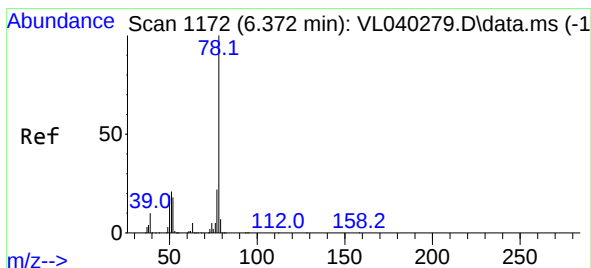
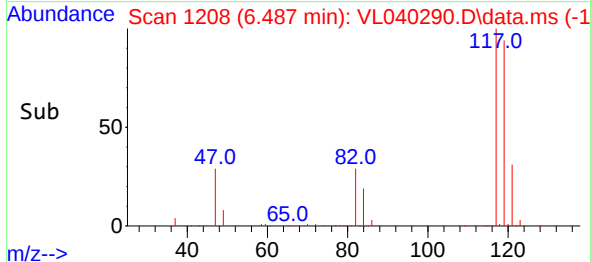
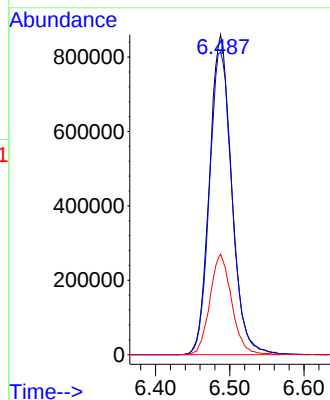
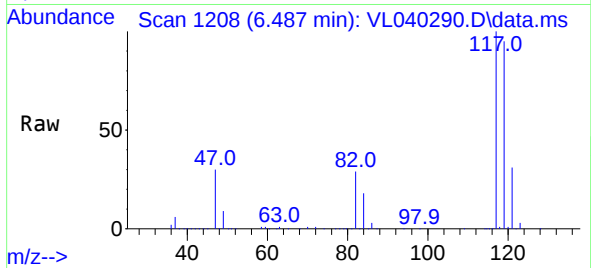




#35
Carbon Tetrachloride
Concen: 9.976 ppbv
RT: 6.487 min Scan# 1170
Delta R.T. -0.007 min
Lab File: VL040290.D
Acq: 16 Mar 2023 11:07

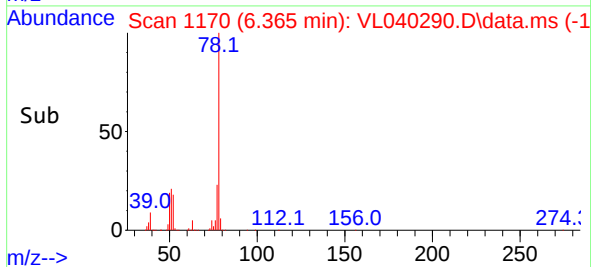
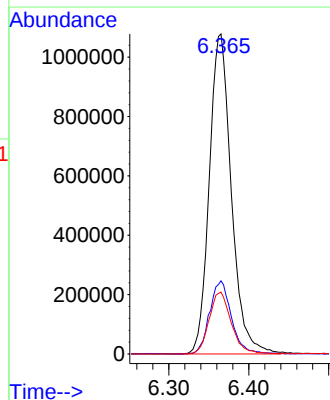
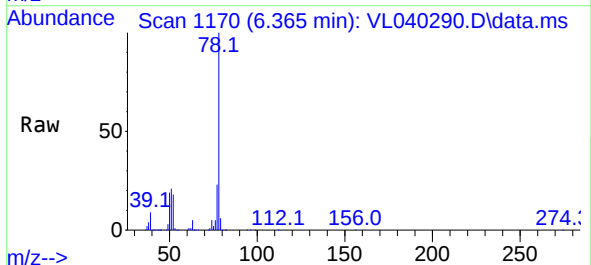
Instrument :
MSVOA_L
ClientSampleId :
VL0316ABS01

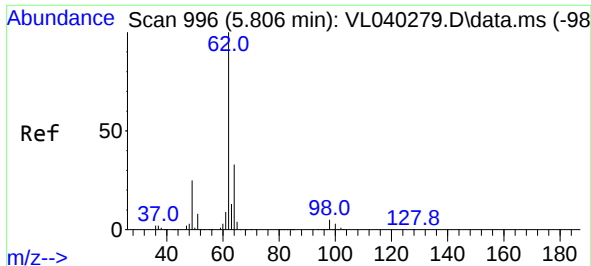
Tgt Ion:117 Resp: 1786638
Ion Ratio Lower Upper
117 100
119 94.6 76.4 114.6
121 31.5 25.6 38.4



#36
Benzene
Concen: 9.501 ppbv
RT: 6.365 min Scan# 1170
Delta R.T. -0.007 min
Lab File: VL040290.D
Acq: 16 Mar 2023 11:07

Tgt Ion: 78 Resp: 2066525
Ion Ratio Lower Upper
78 100
77 22.9 17.8 26.8
50 19.4 15.4 23.2

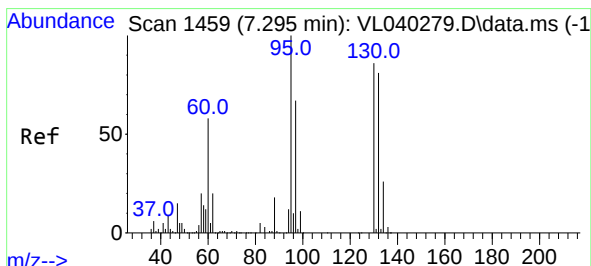
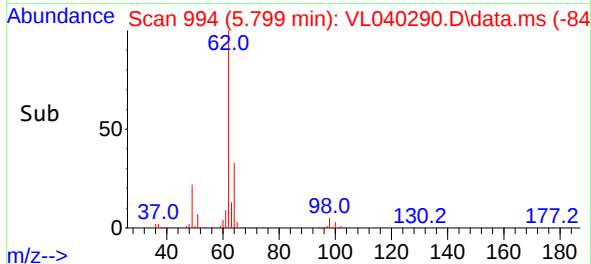
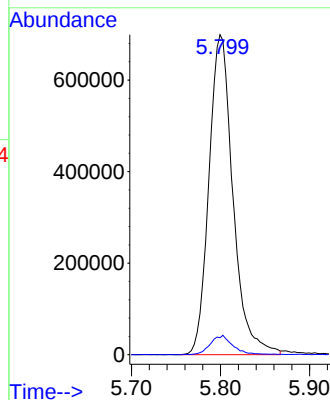
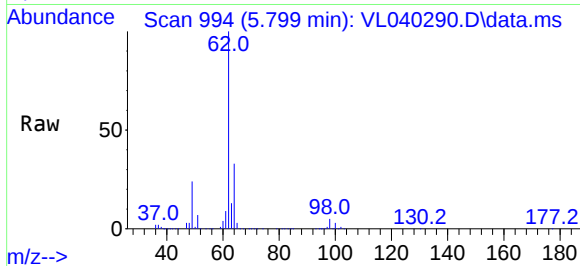




#37
1,2-Dichloroethane
Concen: 9.251 ppbv
RT: 5.799 min Scan# 996
Delta R.T. -0.007 min
Lab File: VL040290.D
Acq: 16 Mar 2023 11:07

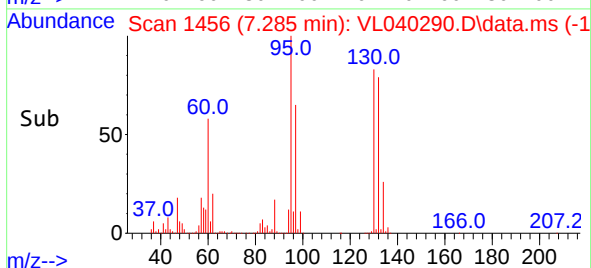
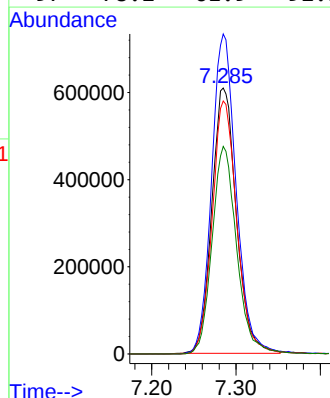
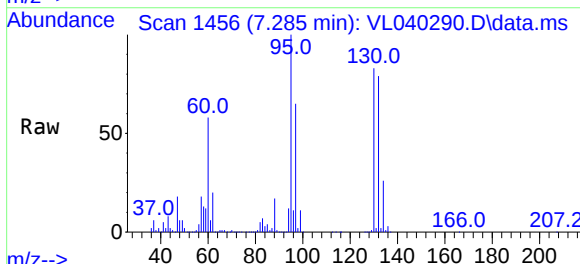
Instrument :
MSVOA_L
ClientSampleId :
VL0316ABS01

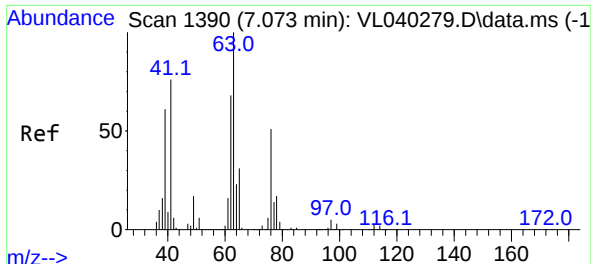
Tgt Ion: 62 Resp: 1309607
Ion Ratio Lower Upper
62 100
98 5.7 4.3 6.5



#38
Trichloroethene
Concen: 10.364 ppbv
RT: 7.285 min Scan# 1456
Delta R.T. -0.010 min
Lab File: VL040290.D
Acq: 16 Mar 2023 11:07

Tgt Ion:130 Resp: 1231858
Ion Ratio Lower Upper
130 100
95 120.6 93.0 139.4
132 95.4 75.3 112.9
97 78.2 61.9 92.9





#39

1,2-Dichloropropane

Concen: 9.269 ppbv

RT: 7.066 min Scan# 11

Delta R.T. -0.007 min

Lab File: VL040290.D

Acq: 16 Mar 2023 11:07

Instrument :

MSVOA_L

ClientSampleId :

VL0316ABS01

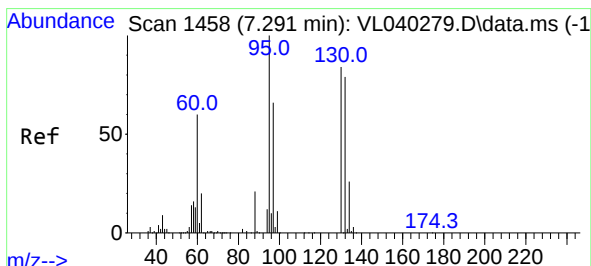
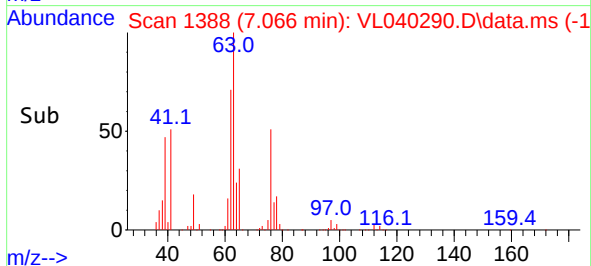
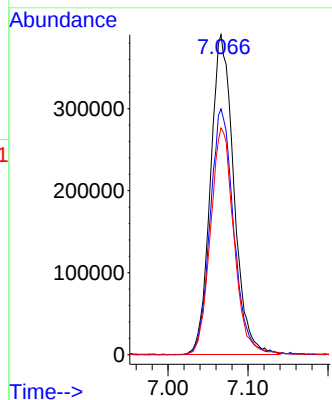
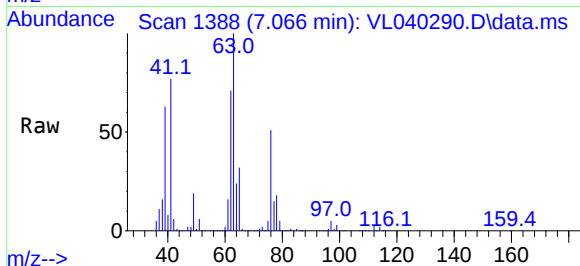
Tgt Ion: 63 Resp: 790955

Ion Ratio Lower Upper

63 100

41 76.7 60.8 91.2

62 70.9 54.1 81.1



#40

1,4-Dioxane

Concen: 8.864 ppbv

RT: 7.282 min Scan# 1455

Delta R.T. -0.009 min

Lab File: VL040290.D

Acq: 16 Mar 2023 11:07

Tgt Ion: 88 Resp: 299250

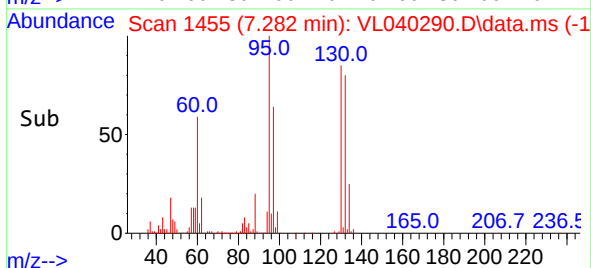
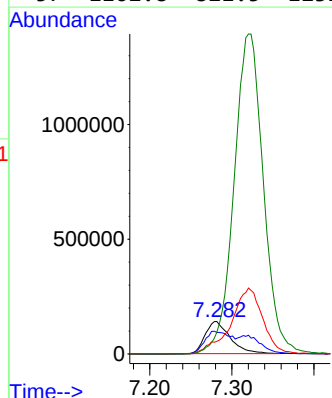
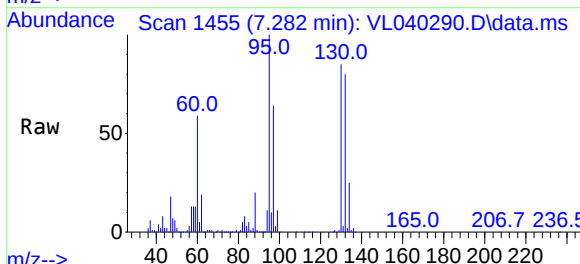
Ion Ratio Lower Upper

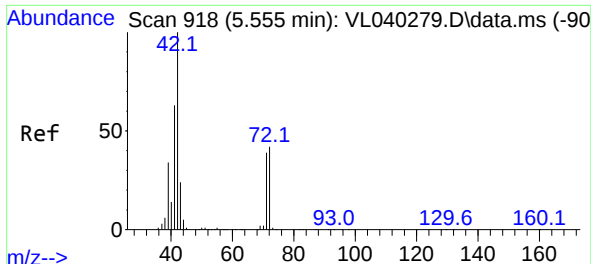
88 100

58 126.2 96.0 144.0

43 260.0 187.6 281.4

57 1162.8 821.5 1232.3

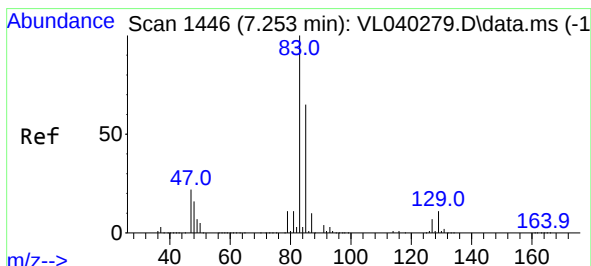
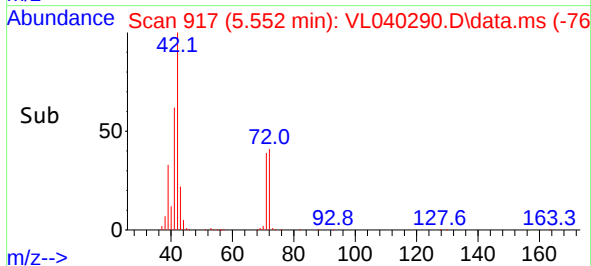
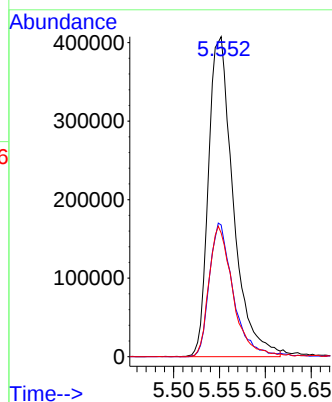
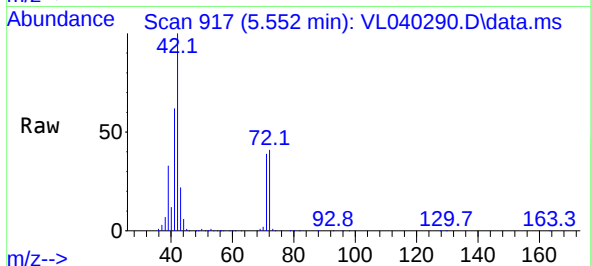




#41
Tetrahydrofuran
Concen: 9.403 ppbv
RT: 5.552 min Scan# 918
Delta R.T. -0.003 min
Lab File: VL040290.D
Acq: 16 Mar 2023 11:07

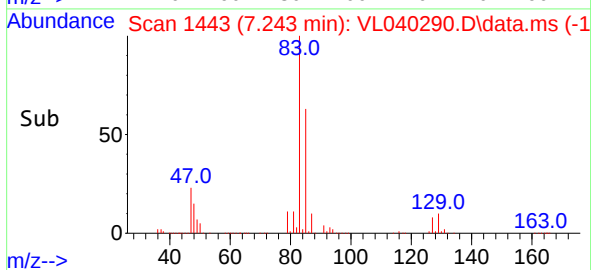
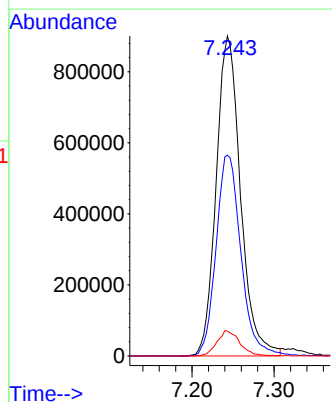
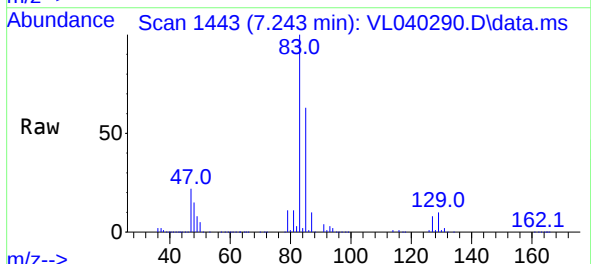
Instrument :
MSVOA_L
ClientSampleId :
VL0316ABS01

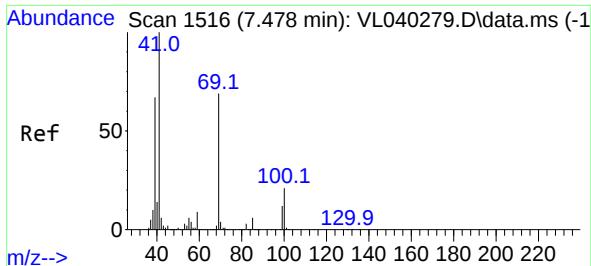
Tgt Ion: 42 Resp: 764426
Ion Ratio Lower Upper
42 100
72 40.8 32.6 49.0
71 39.8 31.0 46.4



#42
Bromodichloromethane
Concen: 9.622 ppbv
RT: 7.243 min Scan# 1443
Delta R.T. -0.010 min
Lab File: VL040290.D
Acq: 16 Mar 2023 11:07

Tgt Ion: 83 Resp: 1861451
Ion Ratio Lower Upper
83 100
85 62.8 52.1 78.1
127 7.8 5.8 8.6

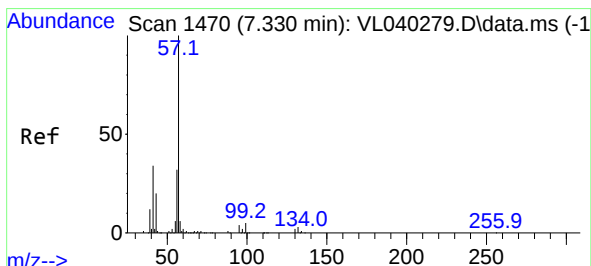
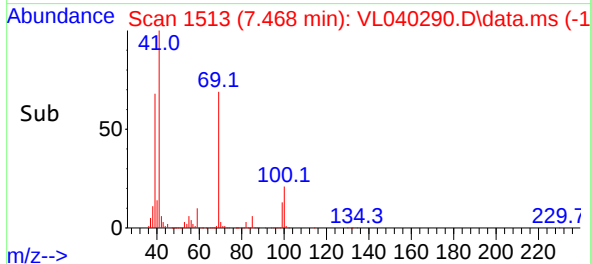
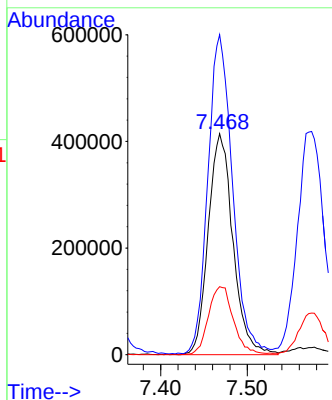
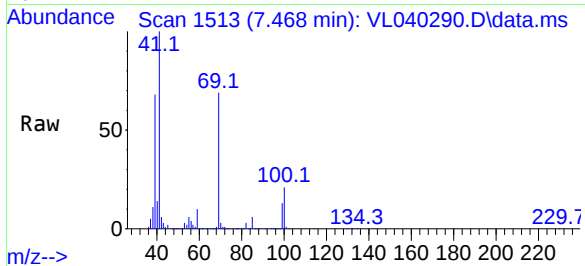




#43
Methyl Methacrylate
Concen: 10.159 ppbv
RT: 7.468 min Scan# 11
Delta R.T. -0.010 min
Lab File: VL040290.D
Acq: 16 Mar 2023 11:07

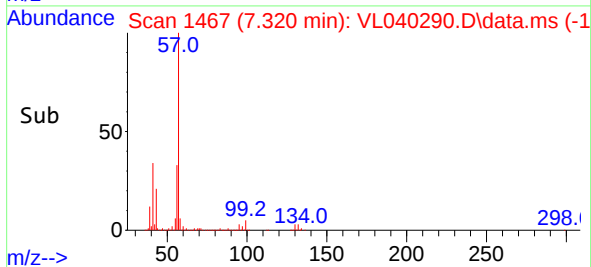
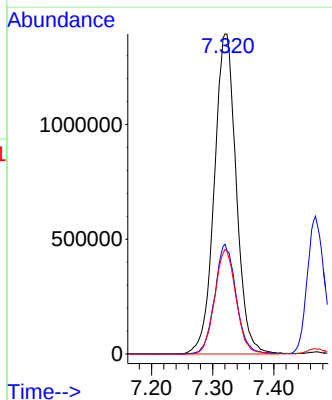
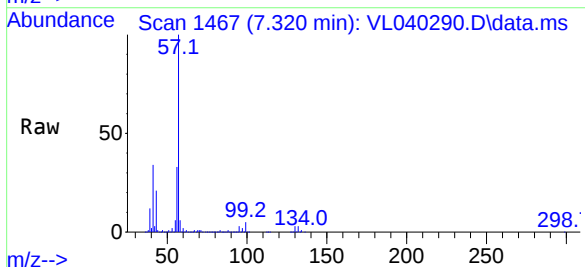
Instrument :
MSVOA_L
ClientSampleId :
VL0316ABS01

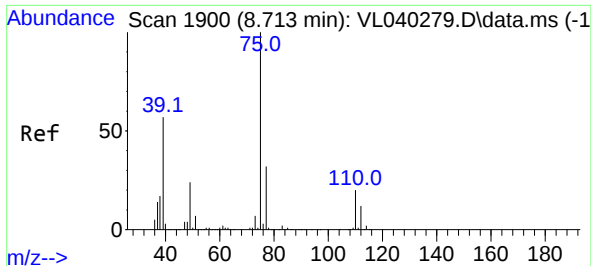
Tgt Ion: 69 Resp: 821094
Ion Ratio Lower Upper
69 100
41 144.7 116.9 175.3
100 31.2 24.2 36.4



#44
2,2,4-Trimethylpentane
Concen: 9.579 ppbv
RT: 7.320 min Scan# 1467
Delta R.T. -0.010 min
Lab File: VL040290.D
Acq: 16 Mar 2023 11:07

Tgt Ion: 57 Resp: 3473644
Ion Ratio Lower Upper
57 100
41 33.5 26.8 40.2
56 31.7 25.0 37.6

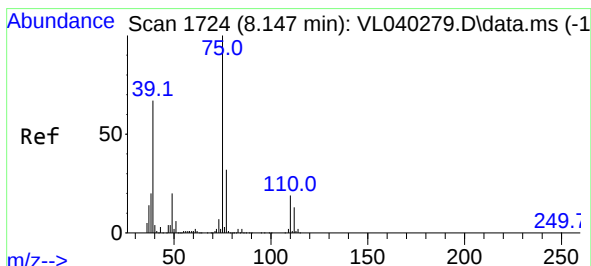
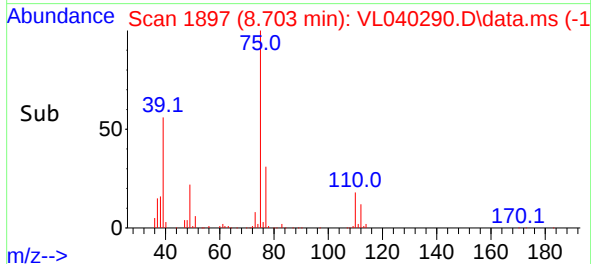
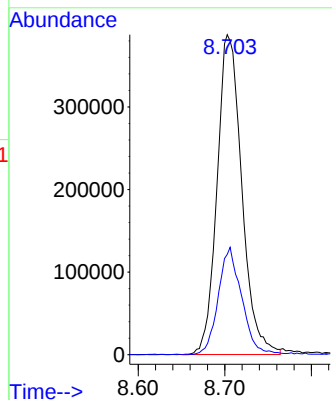
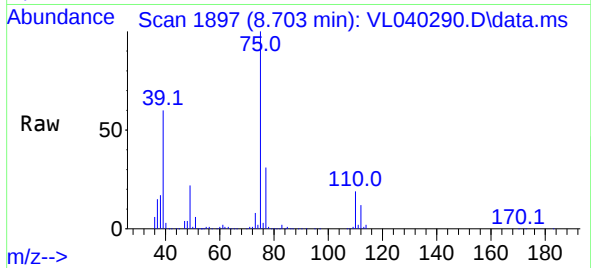




#45
 t-1,3-Dichloropropene
 Concen: 10.917 ppbv
 RT: 8.703 min Scan# 11
 Delta R.T. -0.010 min
 Lab File: VL040290.D
 Acq: 16 Mar 2023 11:07

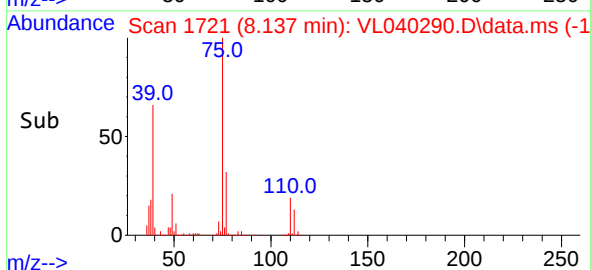
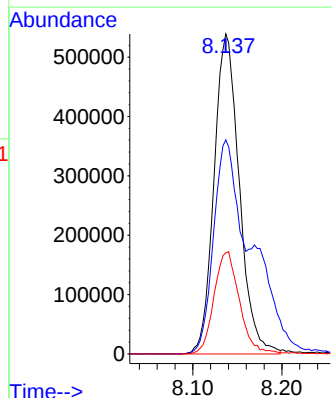
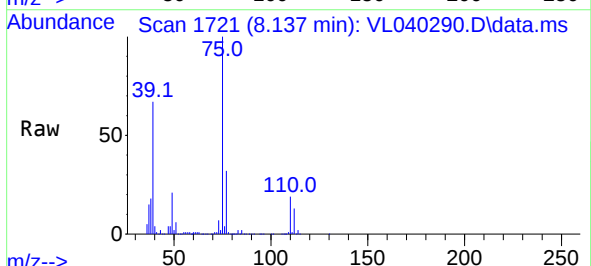
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0316ABS01

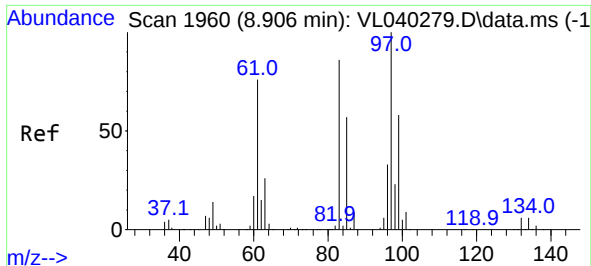
Tgt Ion: 75 Resp: 769247
 Ion Ratio Lower Upper
 75 100
 77 31.4 25.4 38.0



#46
 cis-1,3-Dichloropropene
 Concen: 10.619 ppbv
 RT: 8.137 min Scan# 1721
 Delta R.T. -0.010 min
 Lab File: VL040290.D
 Acq: 16 Mar 2023 11:07

Tgt Ion: 75 Resp: 1062529
 Ion Ratio Lower Upper
 75 100
 39 66.9 53.9 80.9
 77 31.6 25.3 37.9



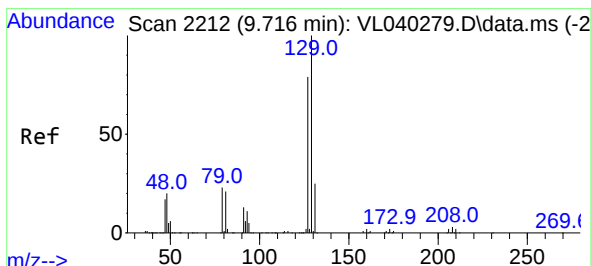
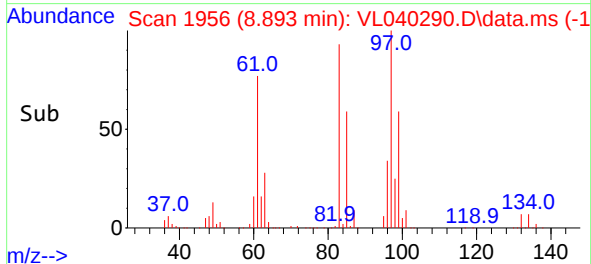
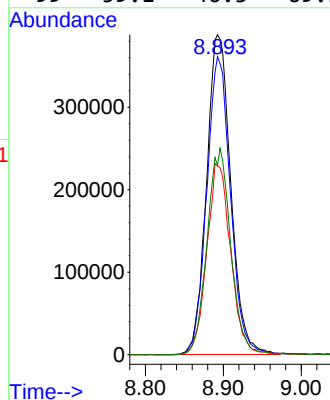
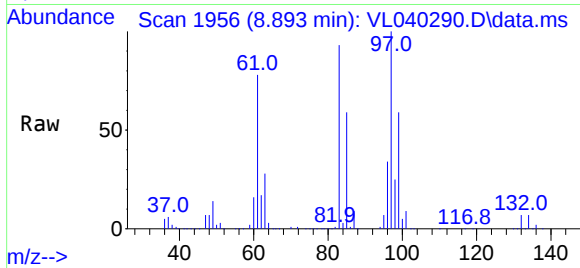


#47
1,1,2-Trichloroethane
Concen: 9.226 ppbv
RT: 8.893 min Scan# 1960
Delta R.T. -0.013 min
Lab File: VL040290.D
Acq: 16 Mar 2023 11:07

Instrument :
MSVOA_L
ClientSampleId :
VL0316ABS01

Tgt Ion: 97 Resp: 840020

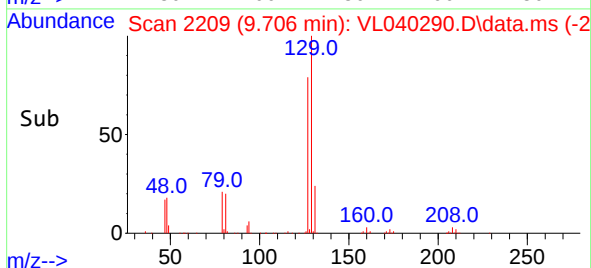
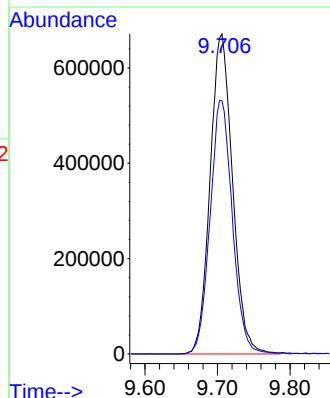
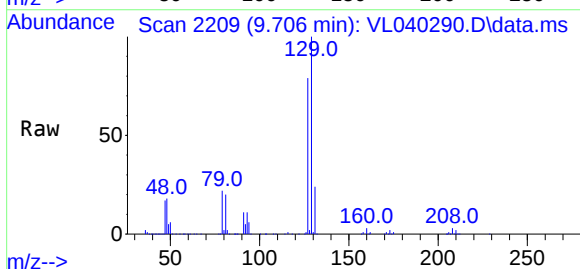
Ion	Ratio	Lower	Upper
97	100		
83	92.9	68.6	103.0
85	58.9	46.0	69.0
99	59.1	46.3	69.5

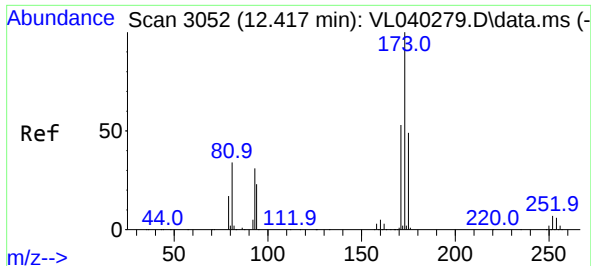


#48
Dibromochloromethane
Concen: 9.640 ppbv
RT: 9.706 min Scan# 2209
Delta R.T. -0.010 min
Lab File: VL040290.D
Acq: 16 Mar 2023 11:07

Tgt Ion: 129 Resp: 1444445

Ion	Ratio	Lower	Upper
129	100		
127	78.7	39.1	117.5

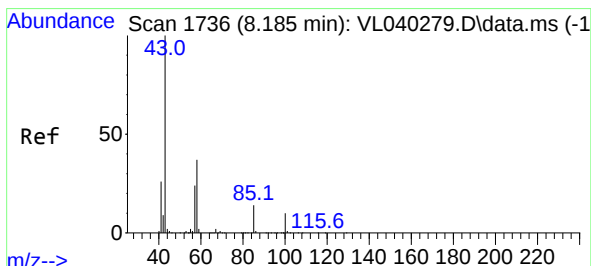
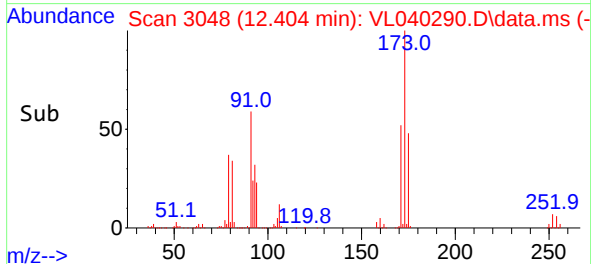
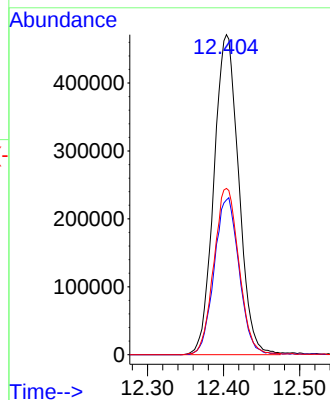
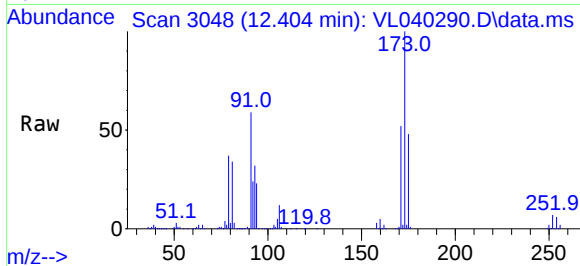




#49
Bromoform
Concen: 9.480 ppbv
RT: 12.404 min Scan# 3052
Delta R.T. -0.013 min
Lab File: VL040290.D
Acq: 16 Mar 2023 11:07

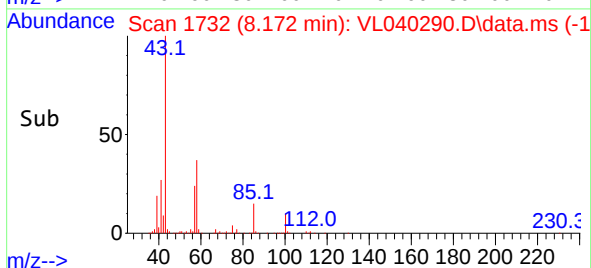
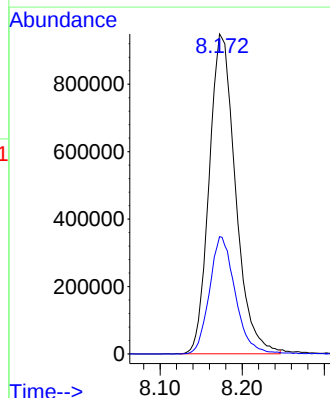
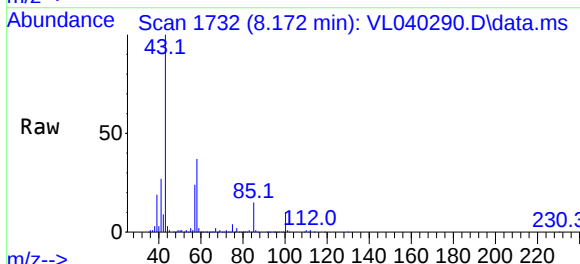
Instrument :
MSVOA_L
ClientSampleId :
VL0316ABS01

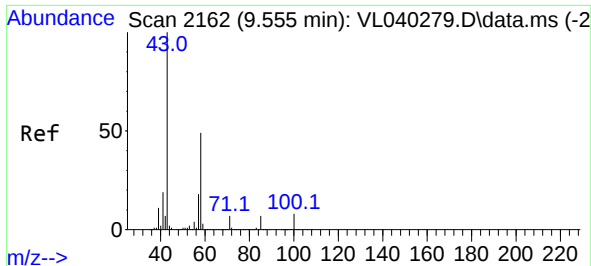
Tgt Ion:173 Resp: 1066800
Ion Ratio Lower Upper
173 100
175 49.4 39.8 59.8
171 52.8 42.2 63.4



#50
4-Methyl-2-Pentanone
Concen: 9.703 ppbv
RT: 8.172 min Scan# 1732
Delta R.T. -0.013 min
Lab File: VL040290.D
Acq: 16 Mar 2023 11:07

Tgt Ion: 43 Resp: 2114859
Ion Ratio Lower Upper
43 100
58 36.1 29.2 43.8

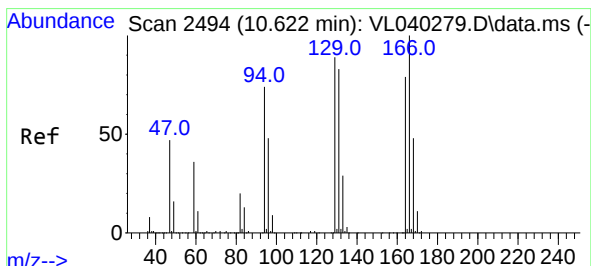
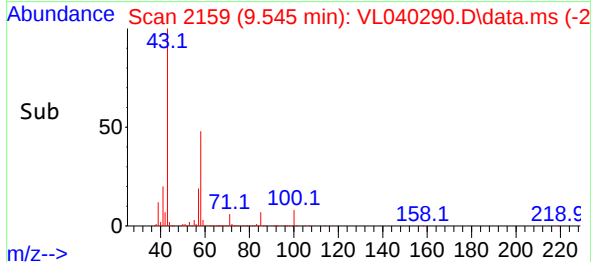
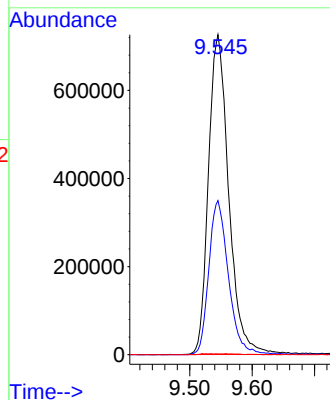
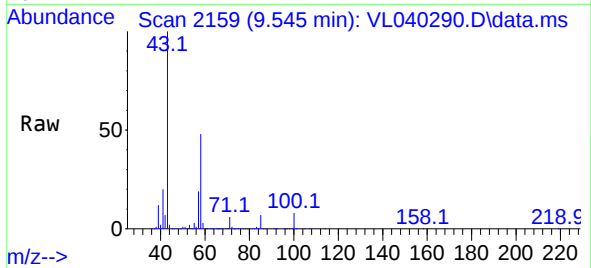




#51
2-Hexanone
Concen: 9.726 ppbv
RT: 9.545 min Scan# 2162
Delta R.T. -0.010 min
Lab File: VL040290.D
Acq: 16 Mar 2023 11:07

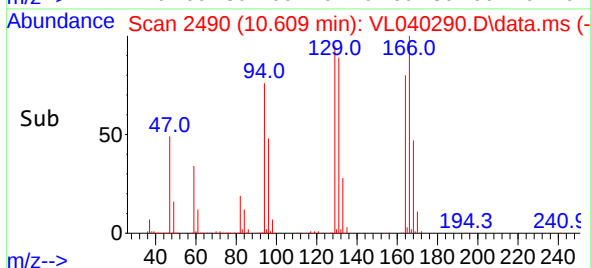
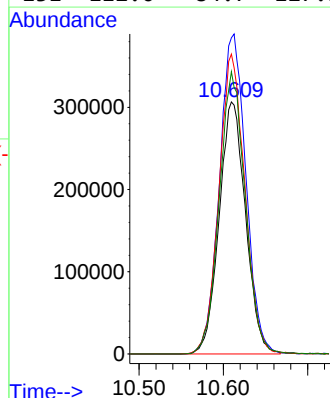
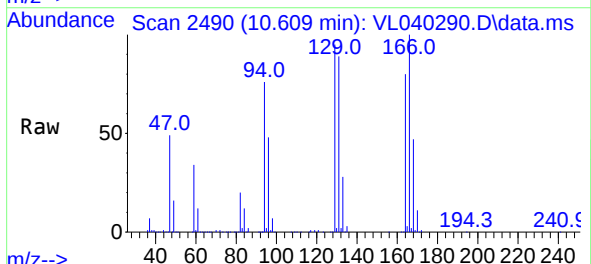
Instrument :
MSVOA_L
ClientSampleId :
VL0316ABS01

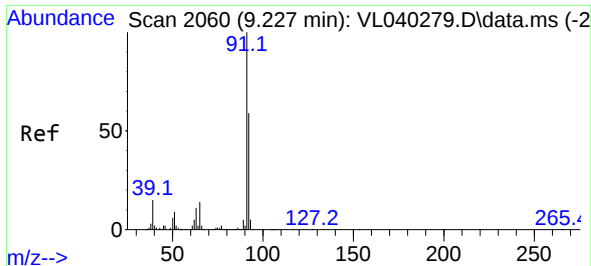
Tgt Ion: 43 Resp: 1642351
Ion Ratio Lower Upper
43 100
58 46.9 38.0 57.0
98 0.4 0.5 0.7#



#52
Tetrachloroethene
Concen: 10.135 ppbv
RT: 10.609 min Scan# 2490
Delta R.T. -0.013 min
Lab File: VL040290.D
Acq: 16 Mar 2023 11:07

Tgt Ion:164 Resp: 666882
Ion Ratio Lower Upper
164 100
166 125.5 101.8 152.6
129 119.0 90.2 135.2
131 112.0 84.7 127.1

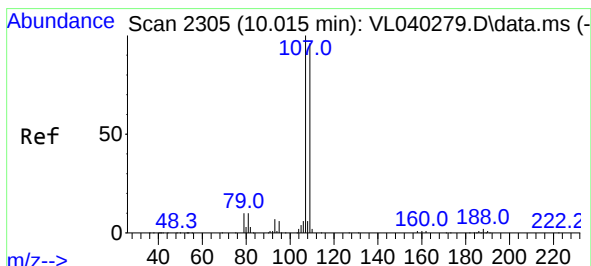
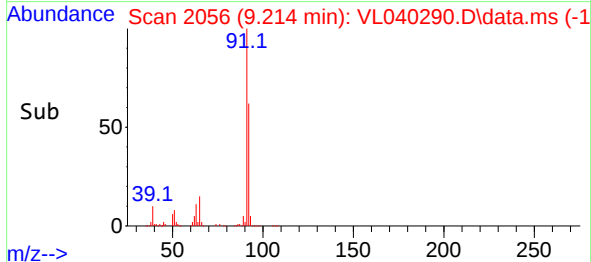
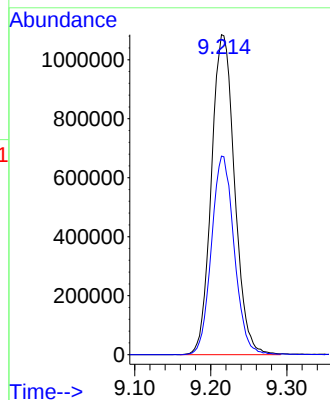
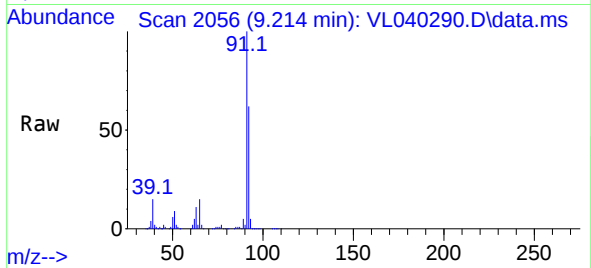




#53
Toluene
Concen: 10.091 ppbv
RT: 9.214 min Scan# 2060
Delta R.T. -0.013 min
Lab File: VL040290.D
Acq: 16 Mar 2023 11:07

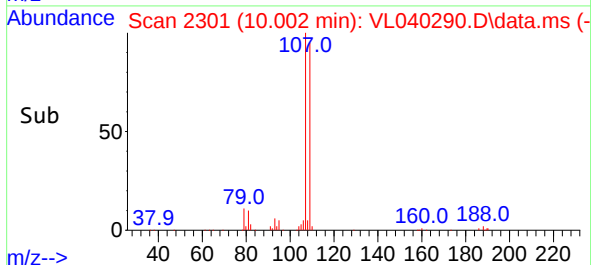
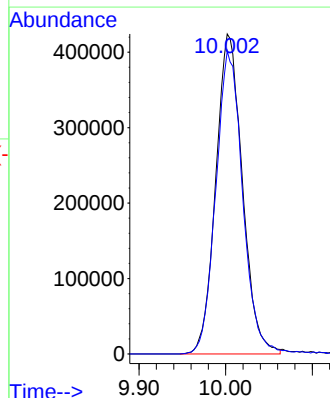
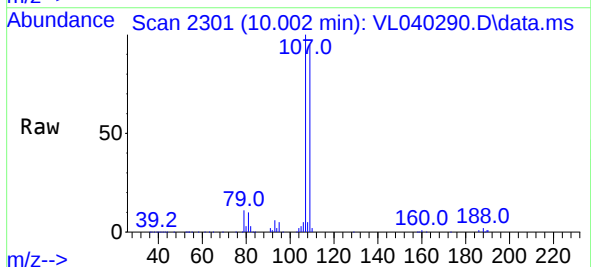
Instrument :
MSVOA_L
ClientSampleId :
VL0316ABS01

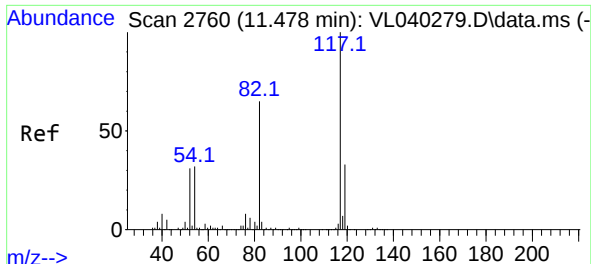
Tgt Ion: 91 Resp: 2299931
Ion Ratio Lower Upper
91 100
92 61.0 48.0 72.0



#54
1,2-Dibromoethane
Concen: 9.655 ppbv
RT: 10.002 min Scan# 2301
Delta R.T. -0.013 min
Lab File: VL040290.D
Acq: 16 Mar 2023 11:07

Tgt Ion: 107 Resp: 904853
Ion Ratio Lower Upper
107 100
109 94.6 77.0 115.6

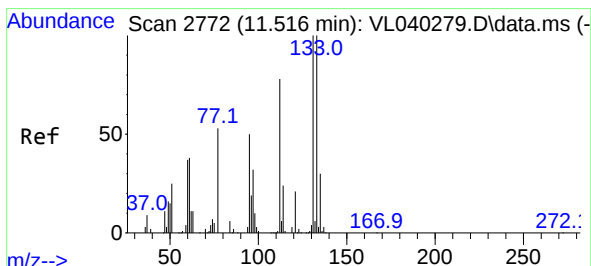
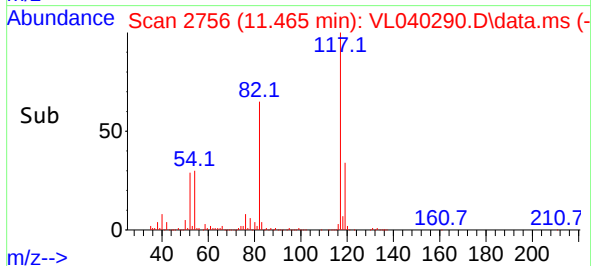
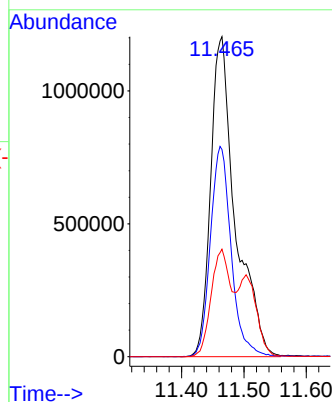
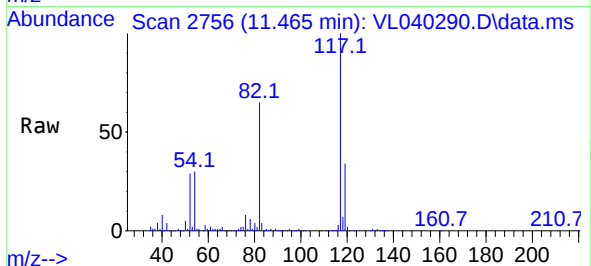




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.465 min Scan# 21
Delta R.T. -0.013 min
Lab File: VL040290.D
Acq: 16 Mar 2023 11:07

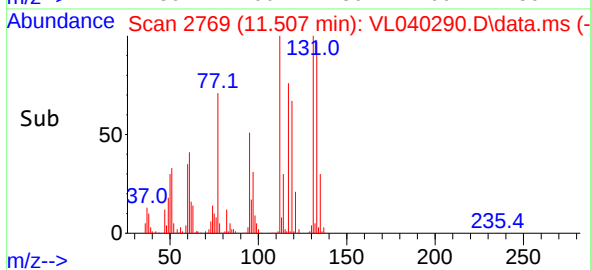
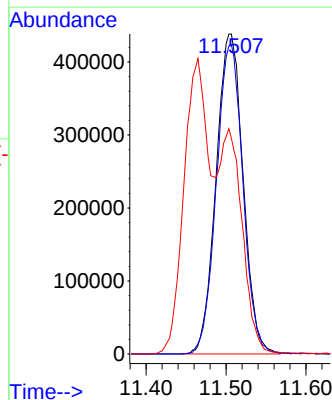
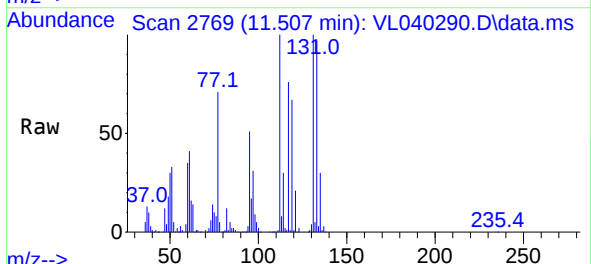
Instrument :
MSVOA_L
ClientSampleId :
VL0316ABS01

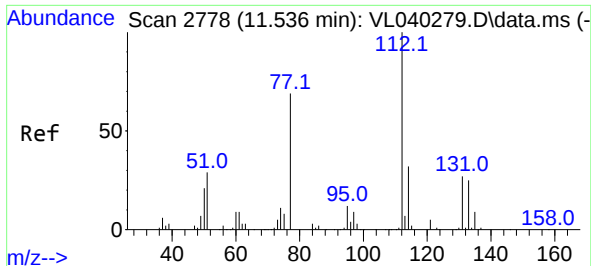
Tgt Ion:117 Resp: 3321361
Ion Ratio Lower Upper
117 100
82 55.4 51.4 77.2
119 27.5 24.0 36.0



#56
1,1,1,2-Tetrachloroethane
Concen: 7.337 ppbv
RT: 11.507 min Scan# 2769
Delta R.T. -0.009 min
Lab File: VL040290.D
Acq: 16 Mar 2023 11:07

Tgt Ion:131 Resp: 1025097
Ion Ratio Lower Upper
131 100
133 95.2 76.5 114.7
119 64.2 47.9 71.9

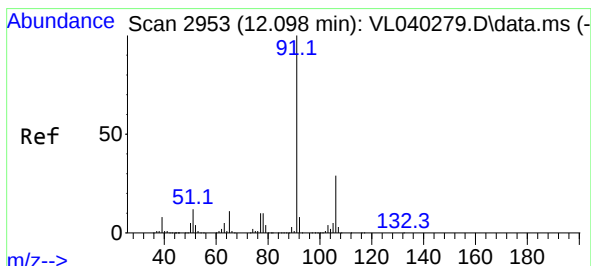
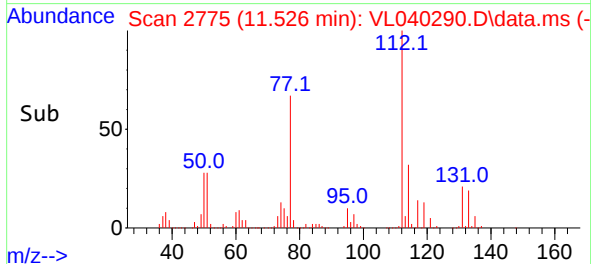
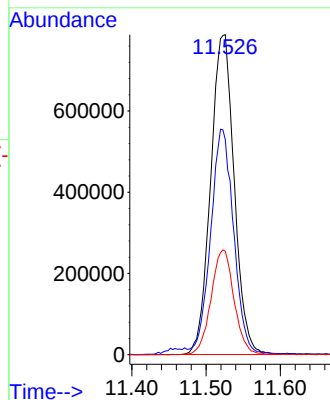
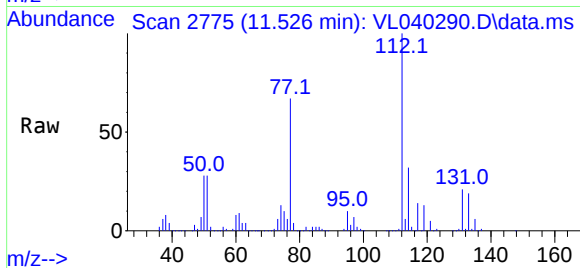




#57
Chlorobenzene
Concen: 7.351 ppbv
RT: 11.526 min Scan# 21
Delta R.T. -0.010 min
Lab File: VL040290.D
Acq: 16 Mar 2023 11:07

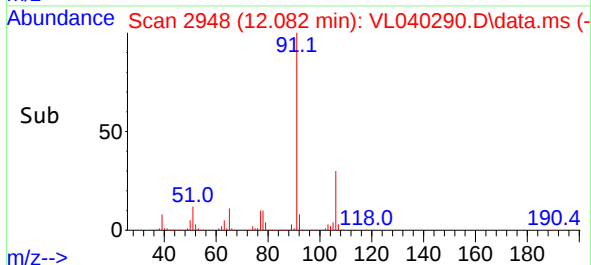
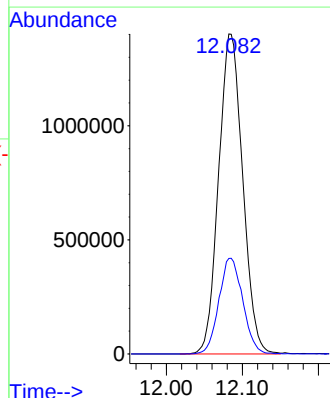
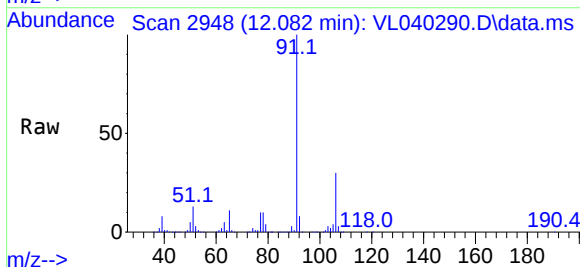
Instrument :
MSVOA_L
ClientSampleId :
VL0316ABS01

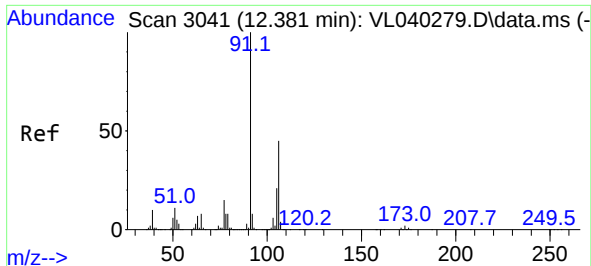
Tgt Ion:112 Resp: 1736826
Ion Ratio Lower Upper
112 100
77 66.9 56.2 84.2
114 32.3 29.0 35.4



#58
Ethyl Benzene
Concen: 8.143 ppbv
RT: 12.082 min Scan# 2948
Delta R.T. -0.016 min
Lab File: VL040290.D
Acq: 16 Mar 2023 11:07

Tgt Ion: 91 Resp: 3079509
Ion Ratio Lower Upper
91 100
106 29.9 23.4 35.2





#59

m/p-Xylene

Concen: 8.589 ppbv

RT: 12.368 min Scan# 30

Delta R.T. -0.013 min

Lab File: VL040290.D

Acq: 16 Mar 2023 11:07

Instrument :

MSVOA_L

ClientSampleId :

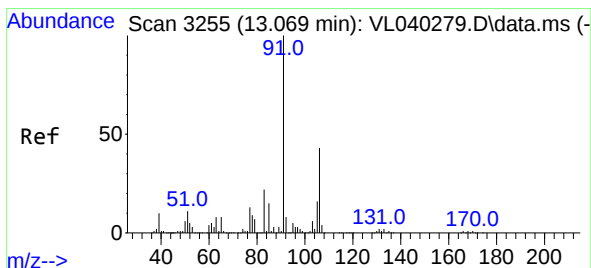
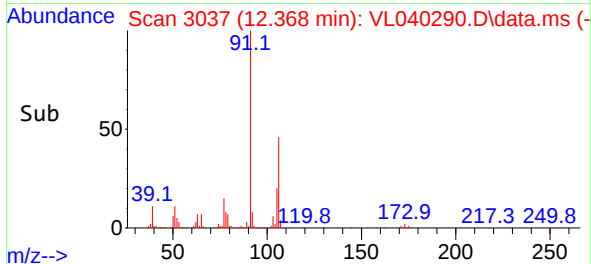
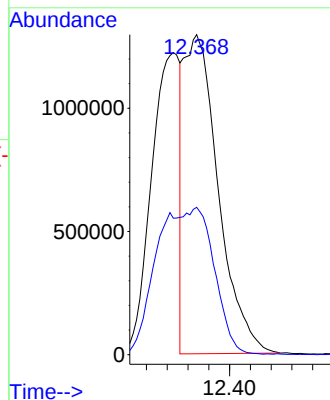
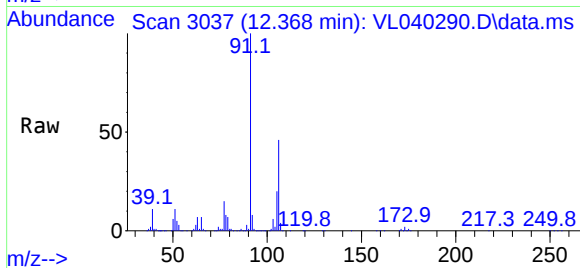
VL0316ABS01

Tgt Ion: 91 Resp: 2975499

Ion Ratio Lower Upper

91 100

106 77.5 34.0 51.0#



#60

o-Xylene

Concen: 7.677 ppbv

RT: 13.053 min Scan# 3250

Delta R.T. -0.016 min

Lab File: VL040290.D

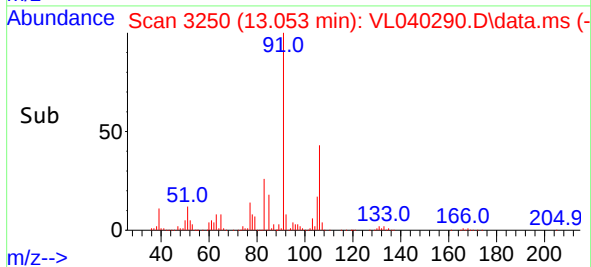
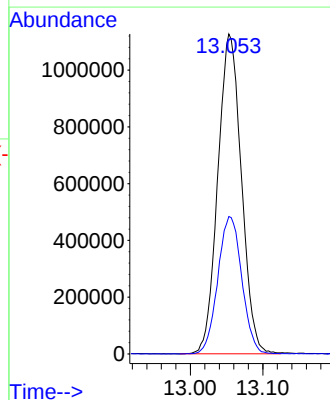
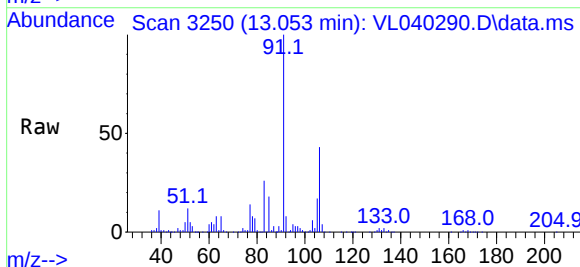
Acq: 16 Mar 2023 11:07

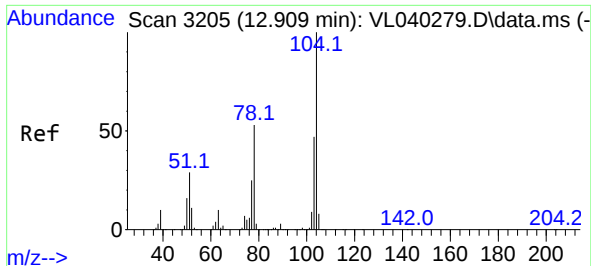
Tgt Ion: 91 Resp: 2542409

Ion Ratio Lower Upper

91 100

106 43.8 21.7 65.1

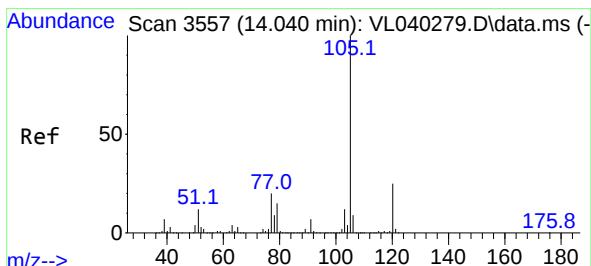
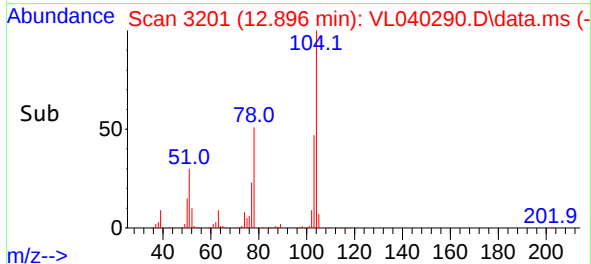
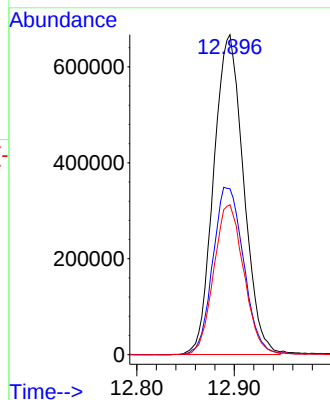
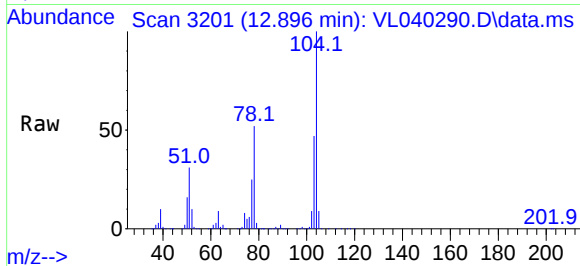




#61
Styrene
Concen: 8.447 ppbv
RT: 12.896 min Scan# 31
Delta R.T. -0.013 min
Lab File: VL040290.D
Acq: 16 Mar 2023 11:07

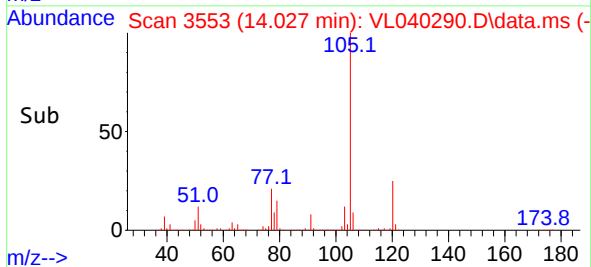
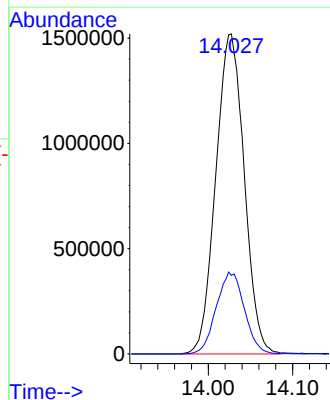
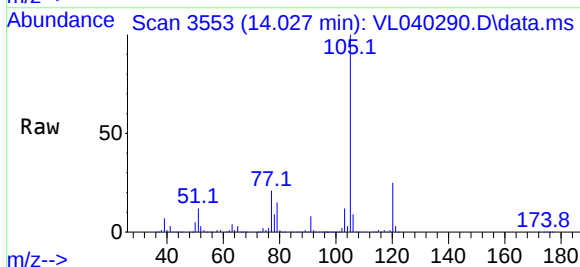
Instrument :
MSVOA_L
ClientSampleId :
VL0316ABS01

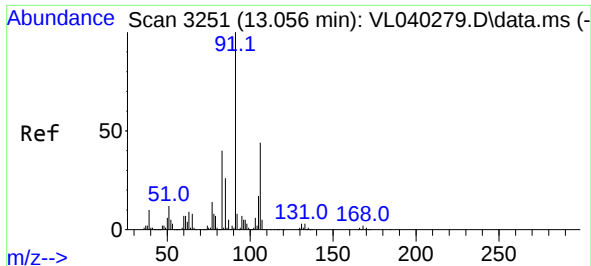
Tgt Ion:104 Resp: 1419694
Ion Ratio Lower Upper
104 100
78 54.3 43.7 65.5
103 47.5 37.4 56.2



#62
Isopropylbenzene
Concen: 7.541 ppbv
RT: 14.027 min Scan# 3553
Delta R.T. -0.013 min
Lab File: VL040290.D
Acq: 16 Mar 2023 11:07

Tgt Ion:105 Resp: 3556655
Ion Ratio Lower Upper
105 100
120 25.3 19.9 29.9

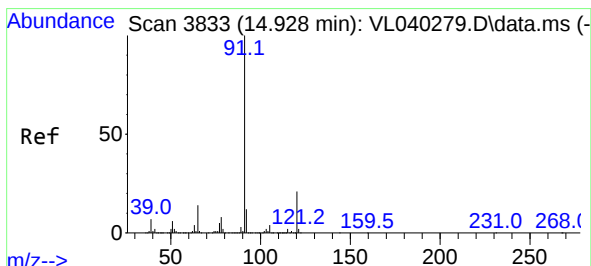
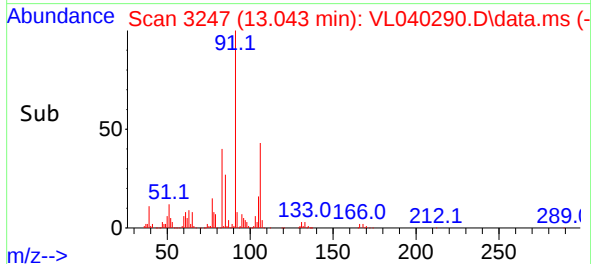
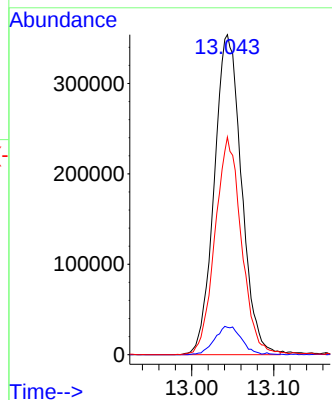
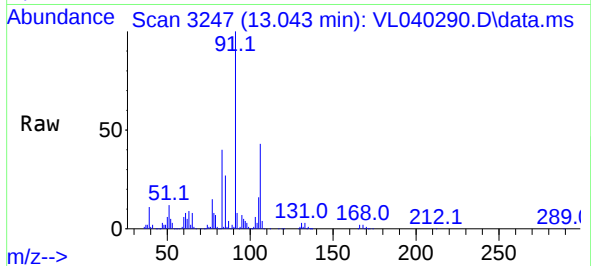




#63
1,1,2,2-Tetrachloroethane
Concen: 7.020 ppbv
RT: 13.043 min Scan# 31
Delta R.T. -0.013 min
Lab File: VL040290.D
Acq: 16 Mar 2023 11:07

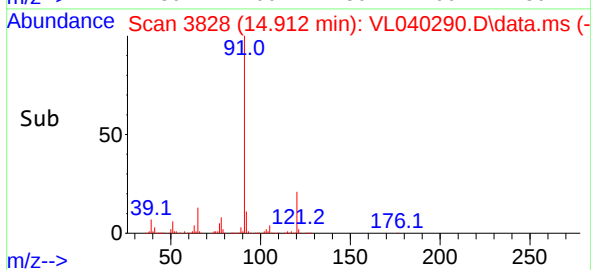
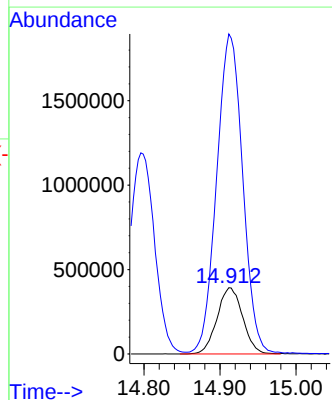
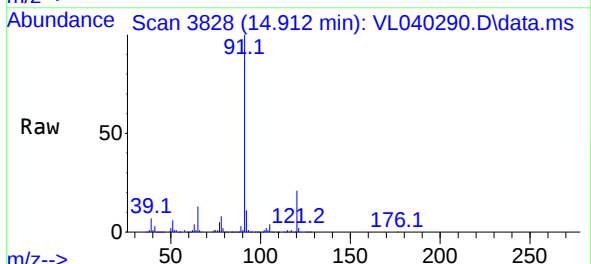
Instrument :
MSVOA_L
ClientSampleId :
VL0316ABS01

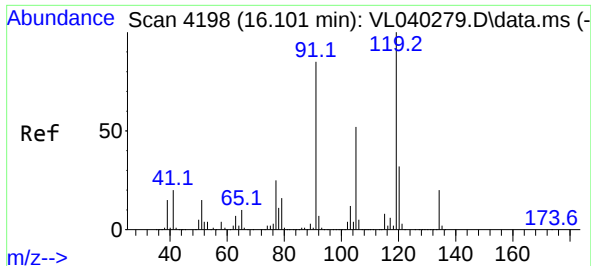
Tgt Ion: 83 Resp: 818126
Ion Ratio Lower Upper
83 100
131 8.9 4.3 12.9
85 66.4 32.7 98.1



#64
n-propylbenzene
Concen: 7.937 ppbv
RT: 14.912 min Scan# 3828
Delta R.T. -0.016 min
Lab File: VL040290.D
Acq: 16 Mar 2023 11:07

Tgt Ion: 120 Resp: 916046
Ion Ratio Lower Upper
120 100
91 493.5 399.0 598.6

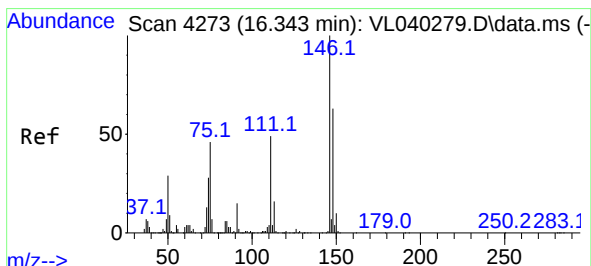
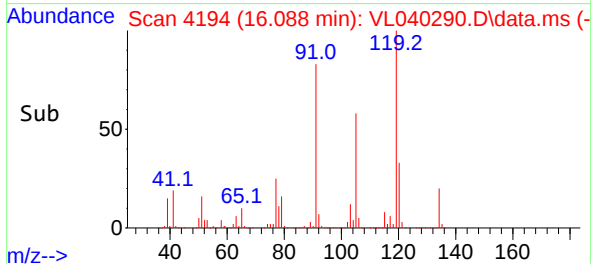
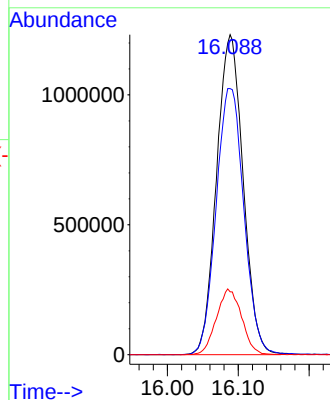
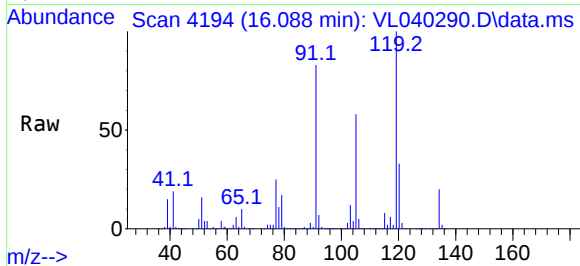




#65
tert-Butylbenzene
Concen: 7.872 ppbv
RT: 16.088 min Scan# 4198
Delta R.T. -0.013 min
Lab File: VL040290.D
Acq: 16 Mar 2023 11:07

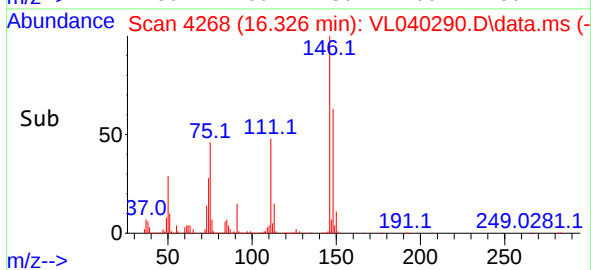
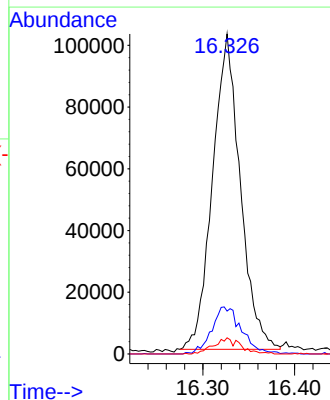
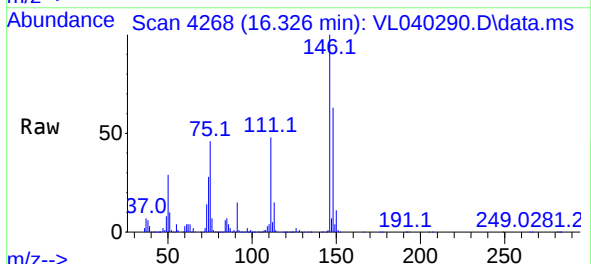
Instrument :
MSVOA_L
ClientSampleId :
VL0316ABS01

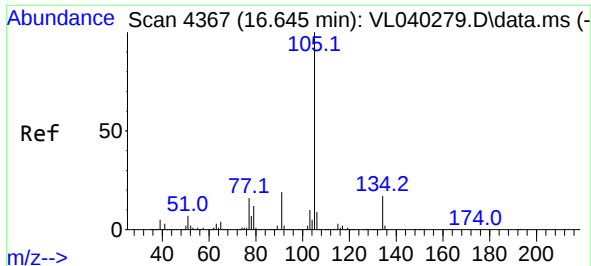
Tgt Ion:119 Resp: 3199351
Ion Ratio Lower Upper
119 100
91 87.2 69.4 104.2
134 19.5 15.8 23.6



#66
Benzyl Chloride
Concen: 8.124 ppbv
RT: 16.326 min Scan# 4268
Delta R.T. -0.017 min
Lab File: VL040290.D
Acq: 16 Mar 2023 11:07

Tgt Ion: 91 Resp: 214585
Ion Ratio Lower Upper
91 100
126 16.2 12.1 18.1
128 5.0 3.8 5.6

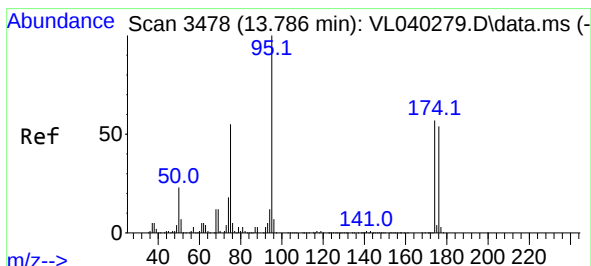
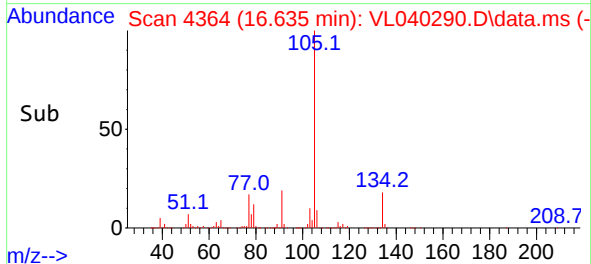
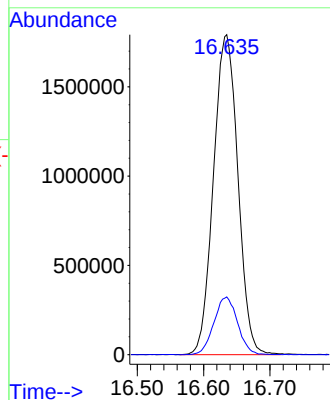
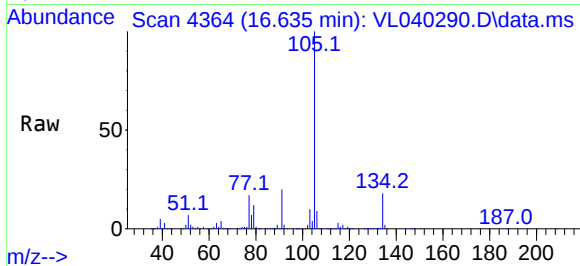




#67
 sec-Butylbenzene
 Concen: 7.872 ppbv
 RT: 16.635 min Scan# 41
 Delta R.T. -0.010 min
 Lab File: VL040290.D
 Acq: 16 Mar 2023 11:07

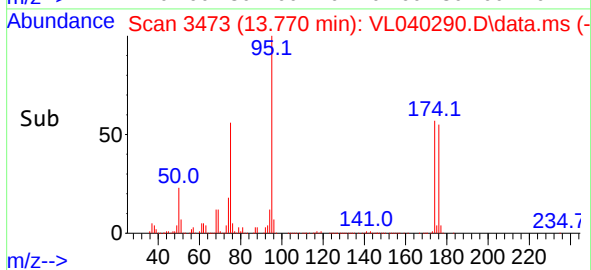
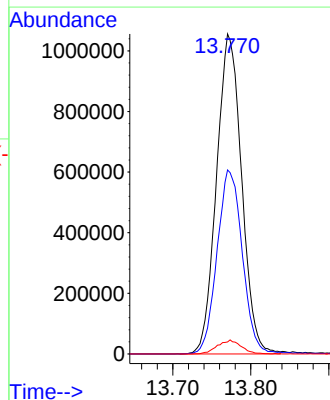
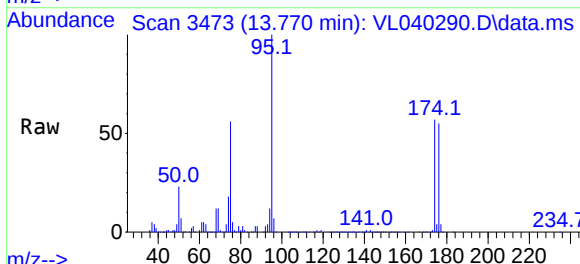
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0316ABS01

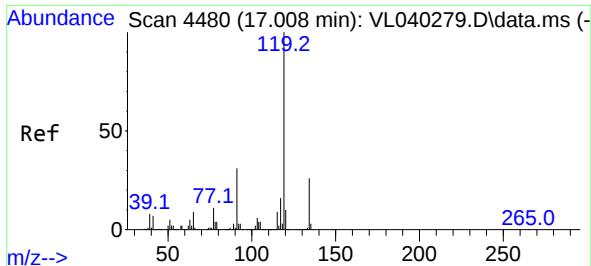
Tgt Ion:105 Resp: 4575803
 Ion Ratio Lower Upper
 105 100
 134 17.5 14.0 21.0



#68
 1-Bromo-4-Fluorobenzene
 Concen: 8.483 ppbv
 RT: 13.770 min Scan# 3473
 Delta R.T. -0.016 min
 Lab File: VL040290.D
 Acq: 16 Mar 2023 11:07

Tgt Ion: 95 Resp: 2359468
 Ion Ratio Lower Upper
 95 100
 174 58.4 47.0 70.6
 175 4.2 3.4 5.2

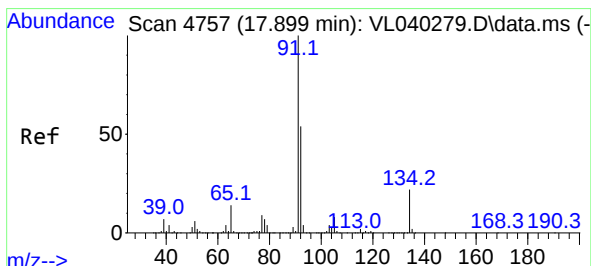
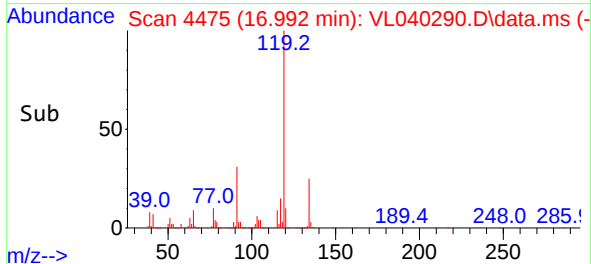
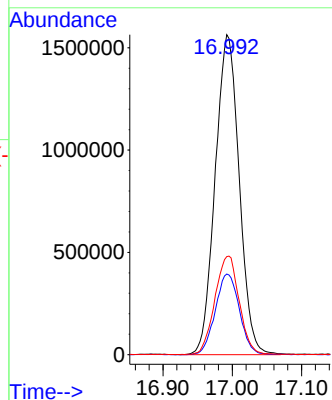
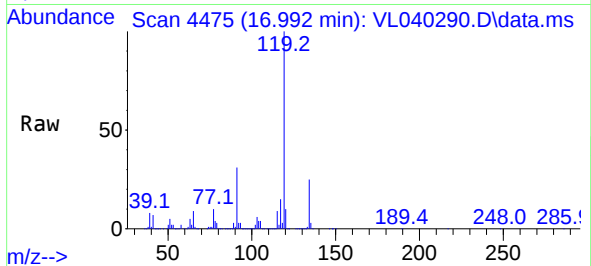




#69
p-Isopropyltoluene
Concen: 8.311 ppbv
RT: 16.992 min Scan# 4480
Delta R.T. -0.016 min
Lab File: VL040290.D
Acq: 16 Mar 2023 11:07

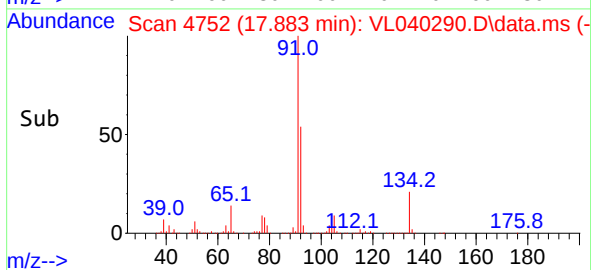
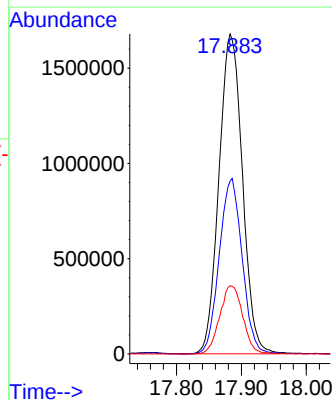
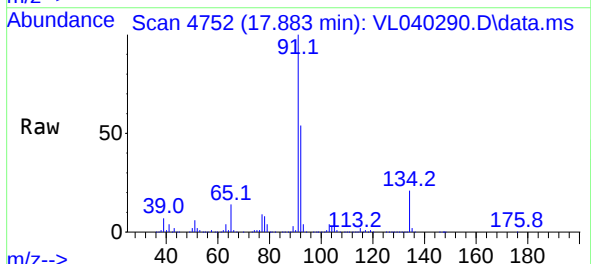
Instrument :
MSVOA_L
ClientSampleId :
VL0316ABS01

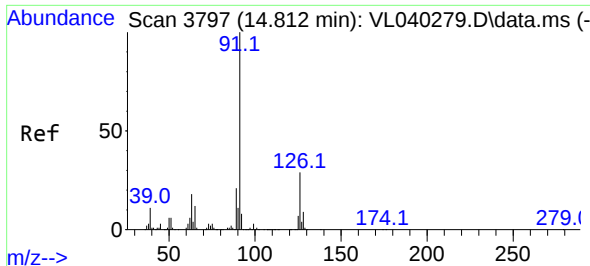
Tgt Ion:119 Resp: 3762246
Ion Ratio Lower Upper
119 100
134 25.5 20.2 30.2
91 31.2 25.1 37.7



#70
n-Butylbenzene
Concen: 8.434 ppbv
RT: 17.883 min Scan# 4752
Delta R.T. -0.016 min
Lab File: VL040290.D
Acq: 16 Mar 2023 11:07

Tgt Ion: 91 Resp: 4205957
Ion Ratio Lower Upper
91 100
92 53.6 42.9 64.3
134 21.0 16.8 25.2

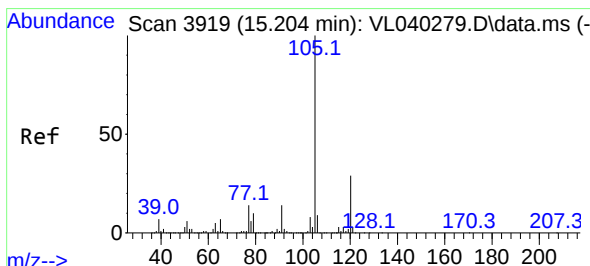
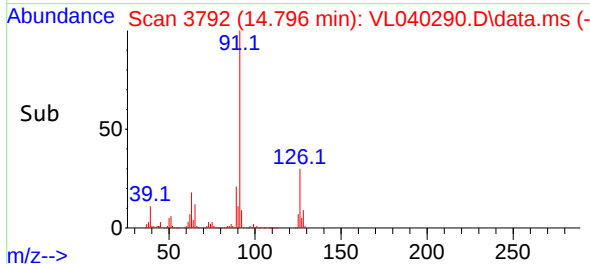
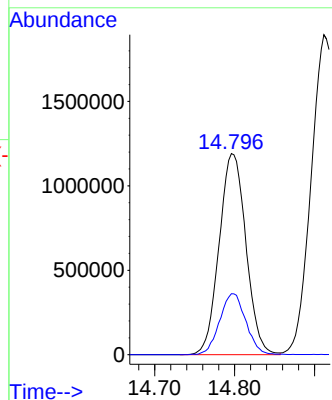
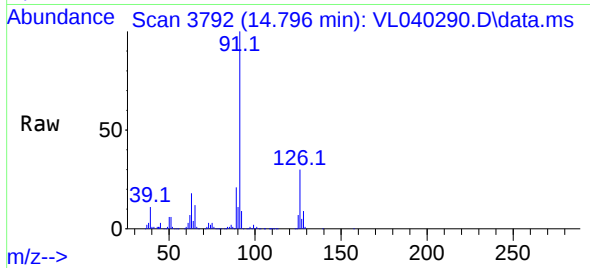




#71
2-Chlorotoluene
Concen: 7.719 ppbv
RT: 14.796 min Scan# 31
Delta R.T. -0.016 min
Lab File: VL040290.D
Acq: 16 Mar 2023 11:07

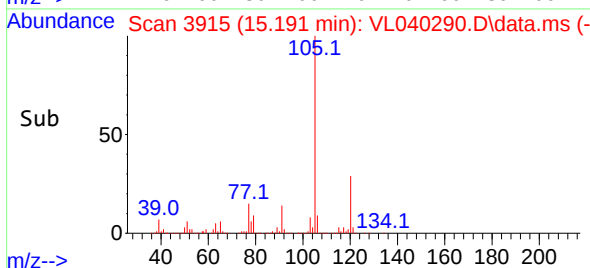
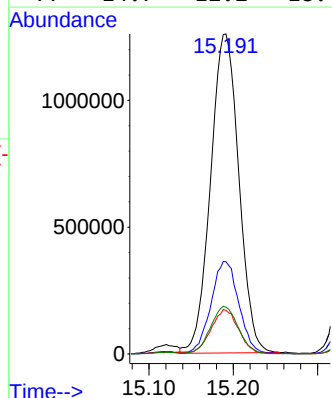
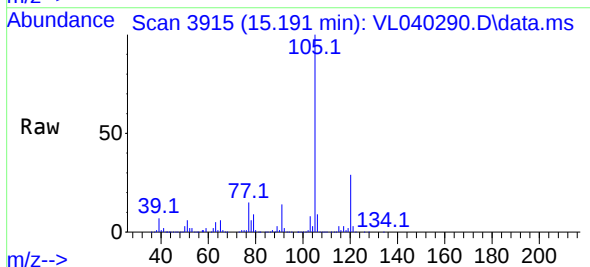
Instrument :
MSVOA_L
ClientSampleId :
VL0316ABS01

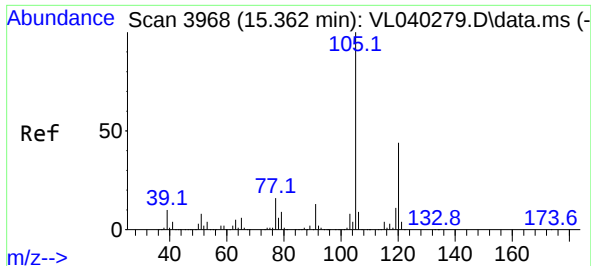
Tgt Ion: 91 Resp: 2770947
Ion Ratio Lower Upper
91 100
126 29.7 11.8 47.4



#72
4-Ethyltoluene
Concen: 8.091 ppbv
RT: 15.191 min Scan# 3915
Delta R.T. -0.013 min
Lab File: VL040290.D
Acq: 16 Mar 2023 11:07

Tgt Ion: 105 Resp: 2929914
Ion Ratio Lower Upper
105 100
120 28.9 23.7 35.5
91 13.5 11.6 17.4
77 14.7 12.2 18.4

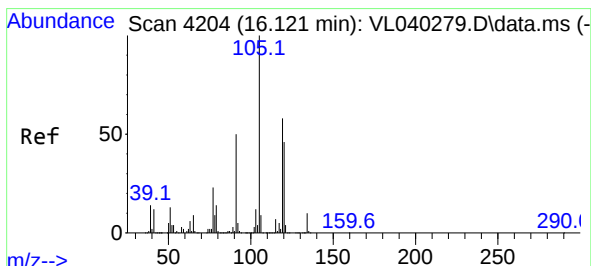
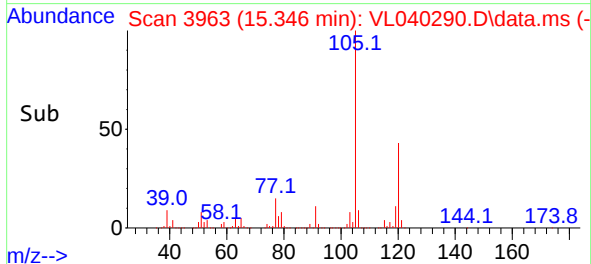
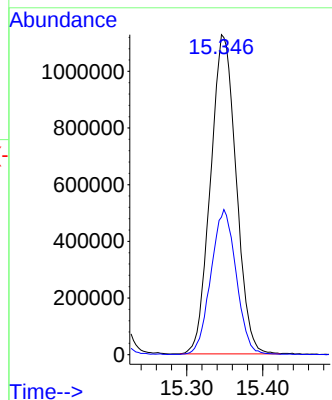
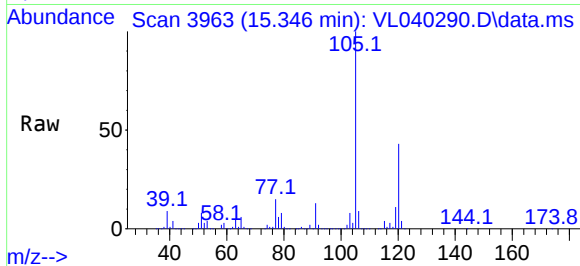




#73
 1,3,5-Trimethylbenzene
 Concen: 8.017 ppbv
 RT: 15.346 min Scan# 3968
 Delta R.T. -0.016 min
 Lab File: VL040290.D
 Acq: 16 Mar 2023 11:07

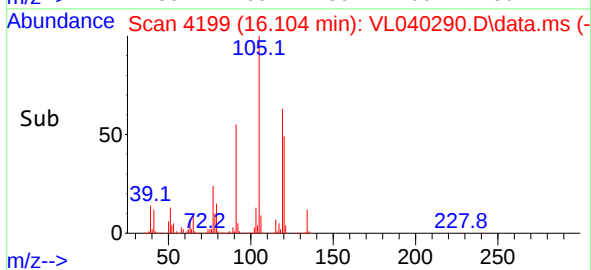
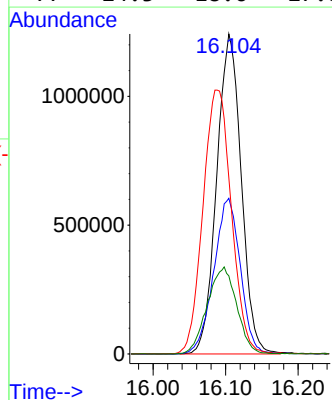
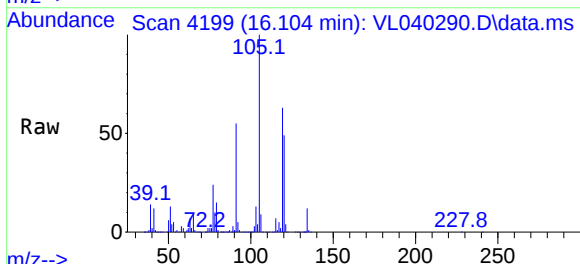
Instrument :
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 ClientSampleId :
 VL0316ABS01

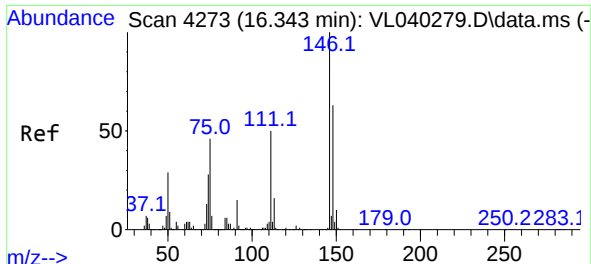
Tgt Ion:105 Resp: 2629368
 Ion Ratio Lower Upper
 105 100
 120 43.0 34.9 52.3



#74
 1,2,4-Trimethylbenzene
 Concen: 7.799 ppbv
 RT: 16.104 min Scan# 4199
 Delta R.T. -0.017 min
 Lab File: VL040290.D
 Acq: 16 Mar 2023 11:07

Tgt Ion:105 Resp: 2917186
 Ion Ratio Lower Upper
 105 100
 120 48.5 36.6 54.8
 91 54.7 39.9 59.9
 77 24.3 18.6 27.8

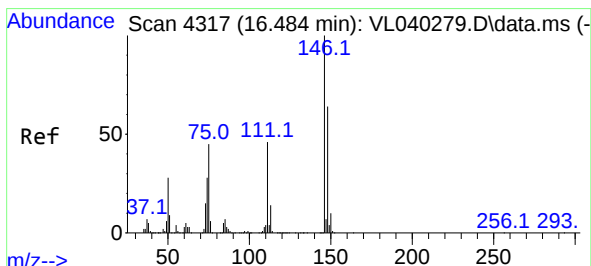
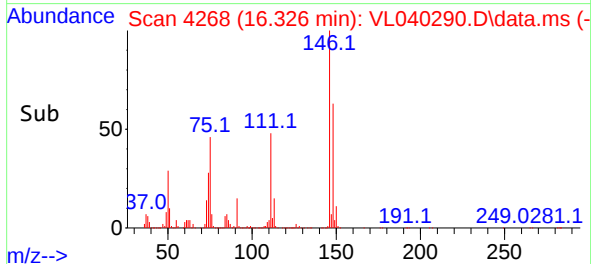
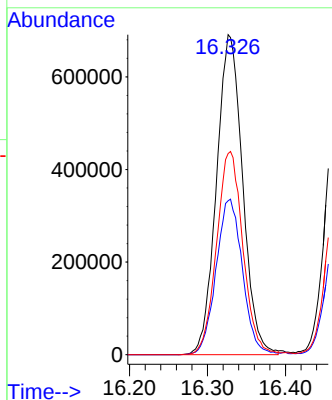
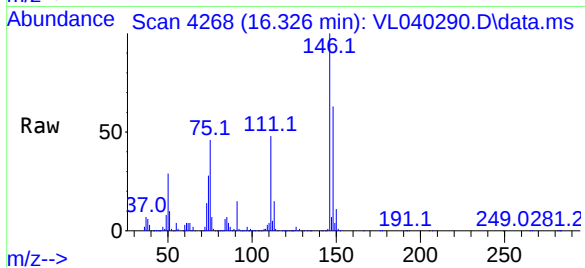




#75
1,3-Dichlorobenzene
Concen: 7.953 ppbv
RT: 16.326 min Scan# 41
Delta R.T. -0.017 min
Lab File: VL040290.D
Acq: 16 Mar 2023 11:07

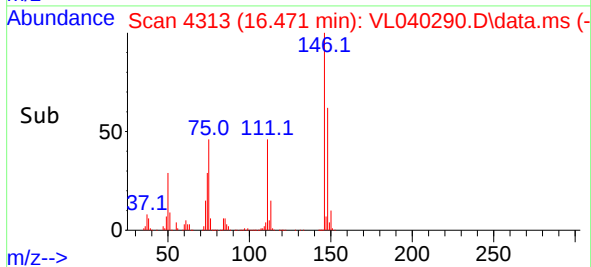
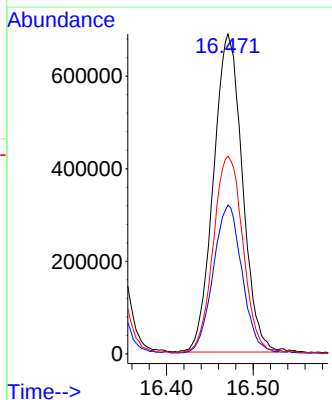
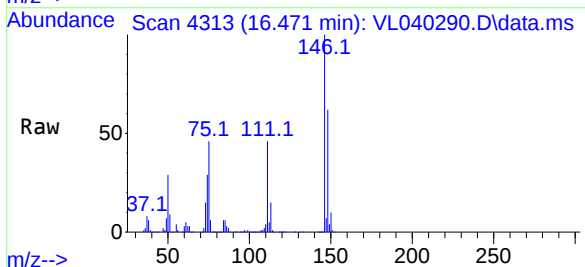
Instrument :
MSVOA_L
ClientSampleId :
VL0316ABS01

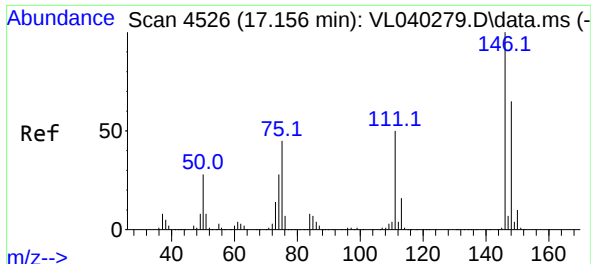
Tgt Ion:146 Resp: 1611162
Ion Ratio Lower Upper
146 100
111 49.2 24.3 73.0
148 64.1 31.9 95.5



#76
1,4-Dichlorobenzene
Concen: 8.239 ppbv
RT: 16.471 min Scan# 4313
Delta R.T. -0.013 min
Lab File: VL040290.D
Acq: 16 Mar 2023 11:07

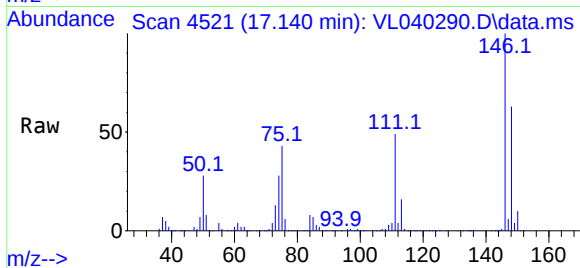
Tgt Ion:146 Resp: 1591859
Ion Ratio Lower Upper
146 100
111 47.0 23.8 71.2
148 65.0 32.5 97.5



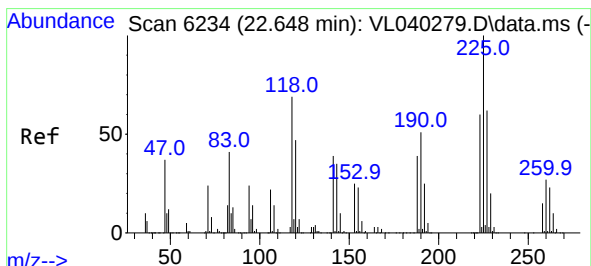
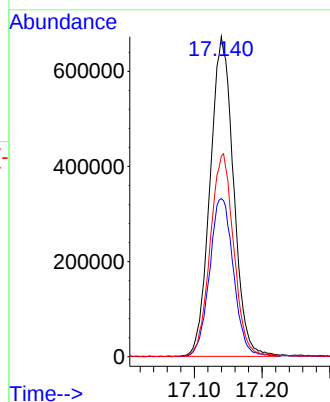
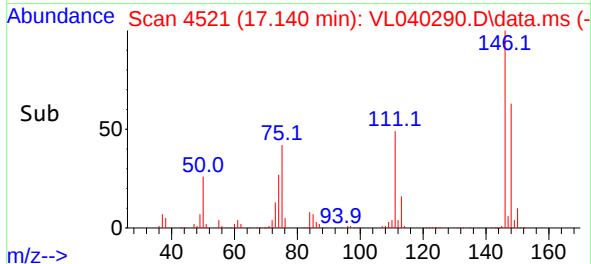


#77
1,2-Dichlorobenzene
Concen: 8.277 ppbv
RT: 17.140 min Scan# 41
Delta R.T. -0.016 min
Lab File: VL040290.D
Acq: 16 Mar 2023 11:07

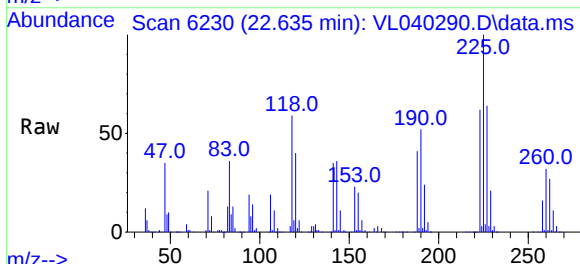
Instrument :
MSVOA_L
ClientSampleId :
VL0316ABS01



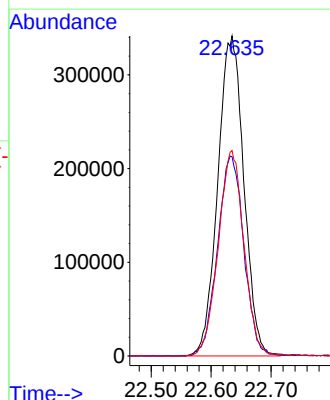
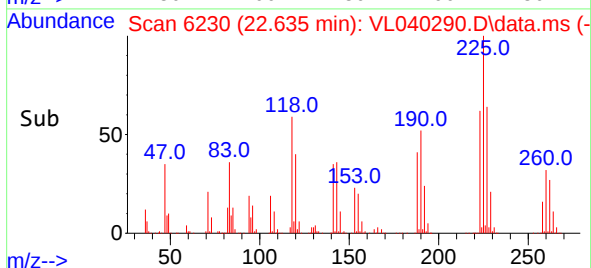
Tgt Ion:146 Resp: 1611719
Ion Ratio Lower Upper
146 100
111 50.8 25.2 75.6
148 64.0 32.1 96.3

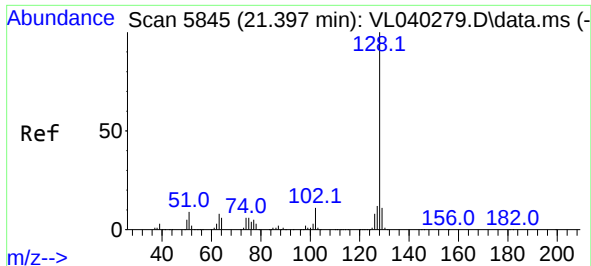


#78
Hexachloro-1,3-Butadiene
Concen: 7.211 ppbv
RT: 22.635 min Scan# 6230
Delta R.T. -0.013 min
Lab File: VL040290.D
Acq: 16 Mar 2023 11:07



Tgt Ion:225 Resp: 1029833
Ion Ratio Lower Upper
225 100
223 63.1 51.0 76.6
227 63.2 51.4 77.2

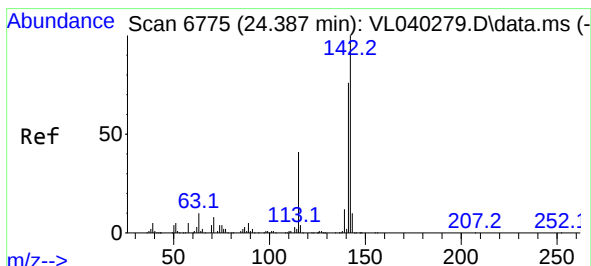
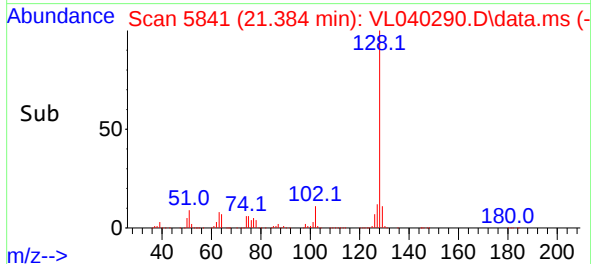
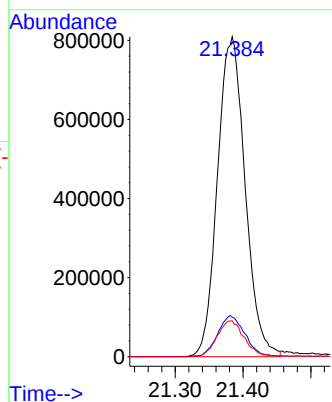
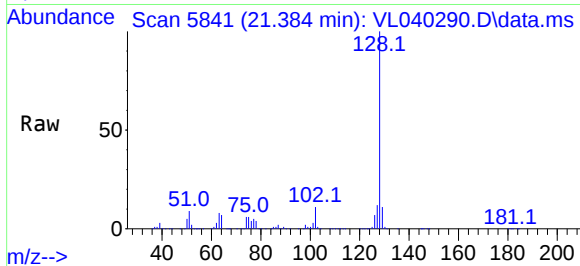




#79
Naphthalene
Concen: 10.356 ppbv
RT: 21.384 min Scan# 5841
Delta R.T. -0.013 min
Lab File: VL040290.D
Acq: 16 Mar 2023 11:07

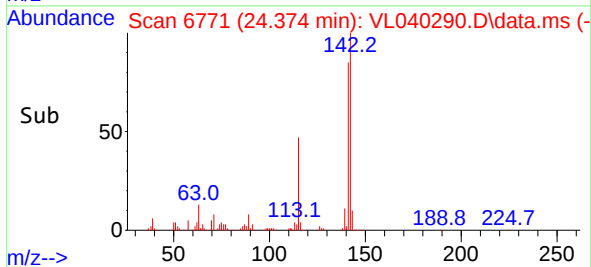
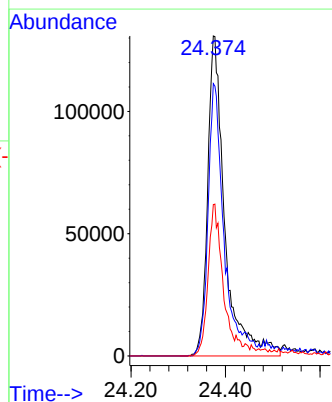
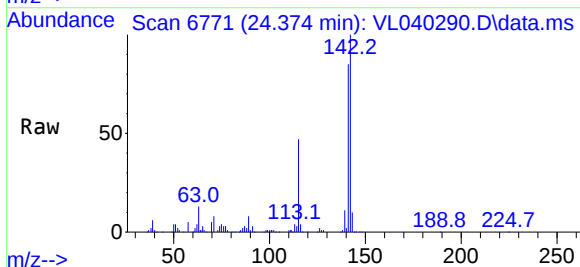
Instrument :
MSVOA_L
ClientSampleId :
VL0316ABS01

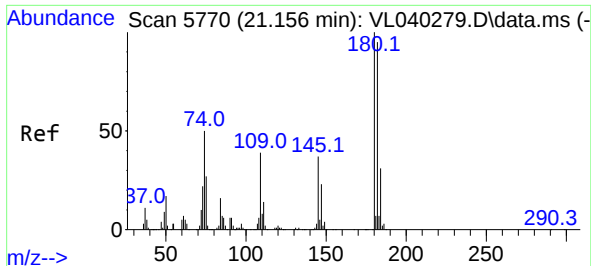
Tgt Ion:128 Resp: 2291588
Ion Ratio Lower Upper
128 100
127 12.3 9.6 14.4
129 11.3 8.6 13.0



#80
Naphthalene,2-methyl-
Concen: 5.888 ppbv
RT: 24.374 min Scan# 6771
Delta R.T. -0.013 min
Lab File: VL040290.D
Acq: 16 Mar 2023 11:07

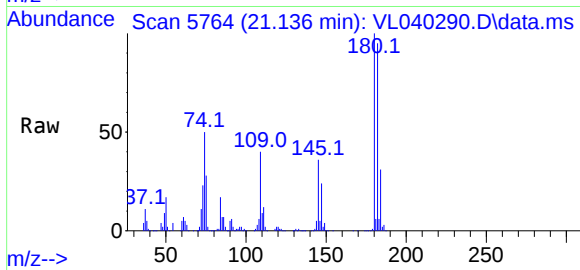
Tgt Ion:142 Resp: 329993
Ion Ratio Lower Upper
142 100
141 80.1 65.5 98.3
115 46.7 33.5 50.3





#81
 1,2,4-Trichlorobenzene
 Concen: 8.763 ppbv
 RT: 21.136 min Scan# 51
 Delta R.T. -0.020 min
 Lab File: VL040290.D
 Acq: 16 Mar 2023 11:07

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0316ABS01



Tgt Ion:180 Resp: 1194360

Ion	Ratio	Lower	Upper
180	100		
182	96.2	76.1	114.1
184	31.1	24.4	36.6

