

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL041323\
 Data File : VL040360.D
 Acq On : 13 Apr 2023 14:00
 Operator : SY/MD
 Sample : VSTDIC015
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC015

Quant Time: Apr 14 05:51:33 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL041323AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Thu Apr 13 14:37:02 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.192	49	1043975	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.658	114	2589020	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.481	117	2626182	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.789	95	2209147	10.173	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.700%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.719	85	1889244	10.037	ppbv	99
3) Chlorodifluoromethane	2.661	51	1786678	13.097	ppbv	99
4) Chloromethane	2.803	50	1157369	13.430	ppbv	97
5) Vinyl Chloride	2.909	62	991629	13.940	ppbv	99
6) Bromomethane	3.108	94	326705	13.940	ppbv	99
7) Chloroethane	3.185	64	377525	14.016	ppbv	96
8) Dichlorotetrafluoroethane	2.845	85	2429992	13.210	ppbv	100
9) Propene	2.684	41	720120	13.362	ppbv	100
10) Heptane	7.590	43	1892133	15.449	ppbv	100
11) Trichlorofluoromethane	3.555	101	2574640	13.512	ppbv	98
12) 1,1,2-Trichlorotrifluo...	4.060	101	1826580	13.705	ppbv	100
13) Ethanol	3.234	45	49920	11.096	ppbv	99
14) Bromoethene	3.356	108	788186	14.463	ppbv	98
15) Acetone	3.459	43	1758626	11.893	ppbv	100
16) 1,3-Butadiene	2.973	39	877571	14.341	ppbv	98
17) tert-Butyl alcohol	3.870	59	1858714	13.689	ppbv	100
18) 1,1-Dichloroethene	3.873	96	857822	14.271	ppbv	97
19) Isopropyl Alcohol	3.568	45	920076	13.637	ppbv	99
20) Methylene Chloride	3.928	84	724362	12.270	ppbv	98
21) Allyl Chloride	3.992	41	1213570	14.444	ppbv	100
22) trans-1,2-Dichloroethene	4.443	96	838620	13.956	ppbv	96
23) Vinyl Acetate	4.623	43	519782	13.806	ppbv #	97
24) 1,1-Dichloroethane	4.562	63	1691271	13.499	ppbv	99
25) Ethyl Acetate	5.205	43	3476586	13.973	ppbv	100
26) Hexane	5.214	57	1499875	14.299	ppbv	97
27) Carbon Disulfide	4.118	76	2127465	15.673	ppbv	100
28) Methyl tert-Butyl Ether	4.581	73	1485701	13.721	ppbv	99
29) Chloroform	5.275	83	2590383	13.863	ppbv	97
30) Cyclohexane	6.606	84	1260906	15.521	ppbv	98
31) cis-1,2-Dichloroethene	5.079	61	1550919	14.917	ppbv	99
32) 1,1,1-Trichloroethane	6.005	97	2618130	14.421	ppbv	100
34) 2-Butanone	4.783	43	2061275	14.765	ppbv	99
35) Carbon Tetrachloride	6.497	117	2706784	14.852	ppbv	98
36) Benzene	6.375	78	3111717	14.731	ppbv	99
37) 1,2-Dichloroethane	5.809	62	2067934	14.904	ppbv	100
38) Trichloroethene	7.298	130	1973696	16.417	ppbv	99
39) 1,2-Dichloropropane	7.079	63	1212076	14.583	ppbv	97
40) 1,4-Dioxane	7.291	88	454542	14.279	ppbv #	97
41) Tetrahydrofuran	5.555	42	1182375	15.464	ppbv	99
42) Bromodichloromethane	7.256	83	2876314	15.180	ppbv	98
43) Methyl Methacrylate	7.481	69	1276587	16.271	ppbv	98
44) 2,2,4-Trimethylpentane	7.333	57	5131580	14.544	ppbv	99
45) t-1,3-Dichloropropene	8.722	75	1337265	19.082	ppbv	96

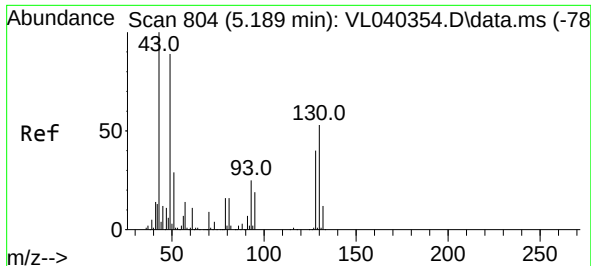
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL041323\
 Data File : VL040360.D
 Acq On : 13 Apr 2023 14:00
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Instrument :
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 VSTDIC015

Quant Time: Apr 14 05:51:33 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)
46) cis-1,3-Dichloropropene	8.150	75	1738791	17.826	ppbv	99
47) 1,1,2-Trichloroethane	8.909	97	1362836	14.955	ppbv	99
48) Dibromochloromethane	9.722	129	2396102	16.327	ppbv	99
49) Bromoform	12.423	173	1976058	17.263	ppbv	99
50) 4-Methyl-2-Pentanone	8.188	43	3294316	15.563	ppbv	99
51) 2-Hexanone	9.558	43	2597338	16.605	ppbv	100
52) Tetrachloroethene	10.626	164	1111199	16.818	ppbv	95
53) Toluene	9.233	91	3677006	16.419	ppbv	100
54) 1,2-Dibromoethane	10.021	107	1546159	16.735	ppbv	99
56) 1,1,1,2-Tetrachloroethane	11.526	131	1705841	14.231	ppbv	98
57) Chlorobenzene	11.542	112	2887379	14.042	ppbv	99
58) Ethyl Benzene	12.105	91	5092427	15.763	ppbv	96
59) m/p-Xylene	12.388	91	4616057	15.538	ppbv #	36
60) o-Xylene	13.072	91	4305898	15.102	ppbv	99
61) Styrene	12.912	104	2524744	17.677	ppbv	99
62) Isopropylbenzene	14.043	105	5985367	14.577	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.063	83	1347940	12.918	ppbv	100
64) n-propylbenzene	14.931	120	1558591	15.426	ppbv	93
65) tert-Butylbenzene	16.104	119	5250919	14.535	ppbv	99
66) Benzyl Chloride	16.346	91	403370	18.034	ppbv	99
67) sec-Butylbenzene	16.654	105	7454784	14.366	ppbv	98
69) p-Isopropyltoluene	17.011	119	6011882	14.838	ppbv	99
70) n-Butylbenzene	17.902	91	6561883	14.609	ppbv	98
71) 2-Chlorotoluene	14.818	91	4733976	15.017	ppbv	99
72) 4-Ethyltoluene	15.207	105	4923605	15.642	ppbv	98
73) 1,3,5-Trimethylbenzene	15.368	105	4425441	15.220	ppbv	98
74) 1,2,4-Trimethylbenzene	16.124	105	4796498	14.433	ppbv	99
75) 1,3-Dichlorobenzene	16.349	146	2685525	14.754	ppbv	100
76) 1,4-Dichlorobenzene	16.494	146	2650431	14.737	ppbv	100
77) 1,2-Dichlorobenzene	17.162	146	2553129	14.185	ppbv	99
78) Hexachloro-1,3-Butadiene	22.657	225	1983486	13.746	ppbv	100
79) Naphthalene	21.403	128	4300318	19.170	ppbv	99
80) Naphthalene,2-methyl-	24.384	142	1595486	23.894	ppbv	97
81) 1,2,4-Trichlorobenzene	21.159	180	2207087	16.011	ppbv	99

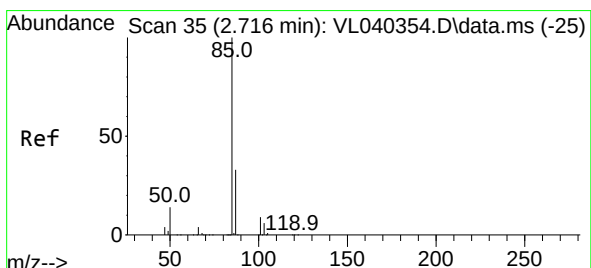
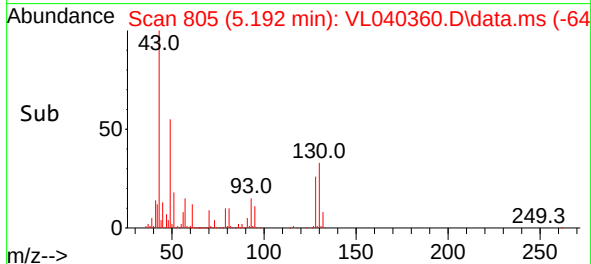
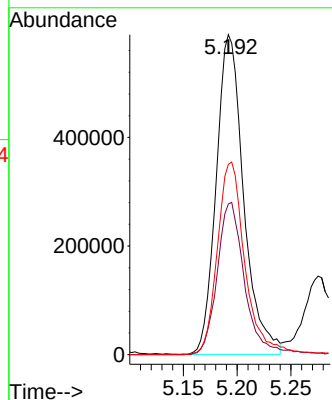
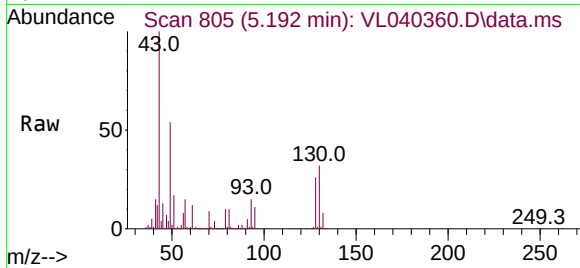
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.192 min Scan# 80
 Delta R.T. 0.003 min
 Lab File: VL040360.D
 Acq: 13 Apr 2023 14:00

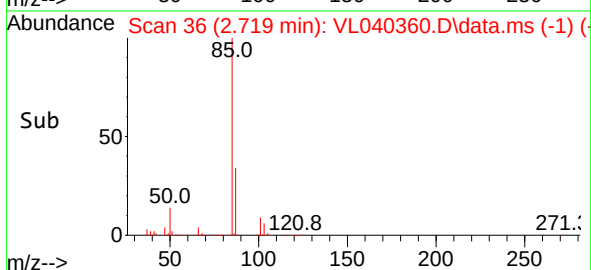
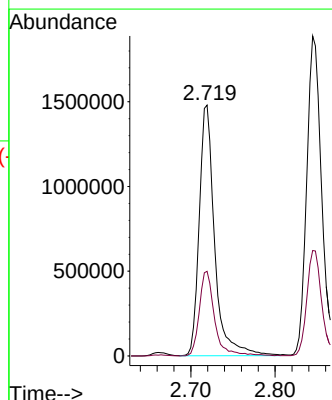
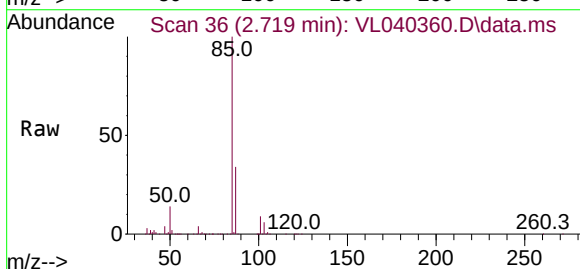
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC015

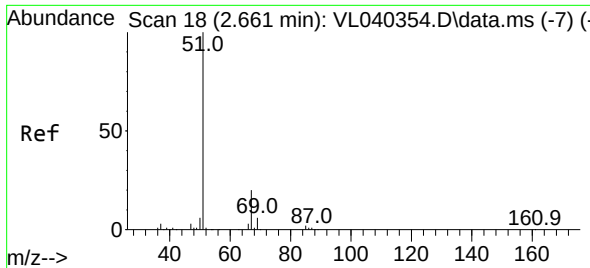
Tgt Ion: 49 Resp: 1043975
 Ion Ratio Lower Upper
 49 100
 128 48.0 23.7 71.1
 130 61.5 29.9 89.8



#2
 Dichlorodifluoromethane
 Concen: 10.037 ppbv
 RT: 2.719 min Scan# 36
 Delta R.T. 0.003 min
 Lab File: VL040360.D
 Acq: 13 Apr 2023 14:00

Tgt Ion: 85 Resp: 1889244
 Ion Ratio Lower Upper
 85 100
 87 33.7 26.6 40.0

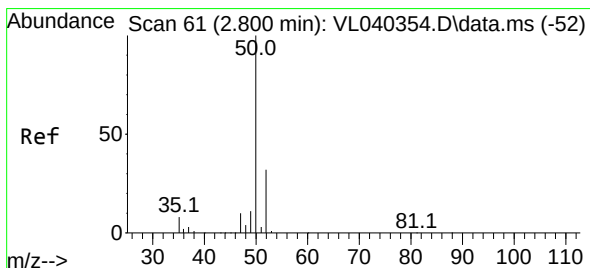
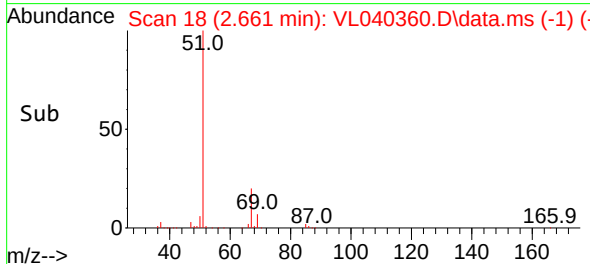
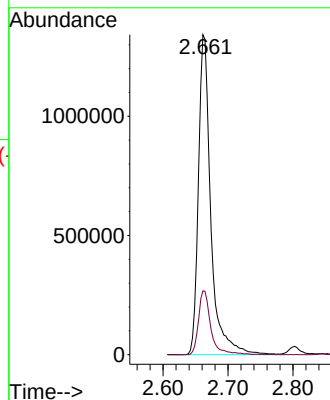
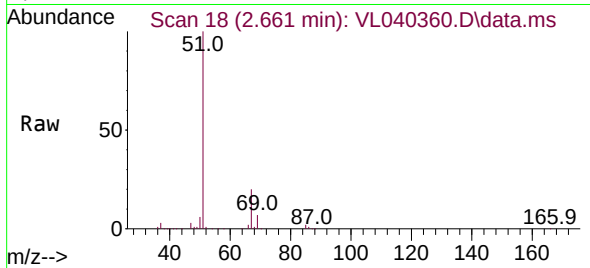




#3
Chlorodifluoromethane
Concen: 13.097 ppbv
RT: 2.661 min Scan# 18
Delta R.T. -0.000 min
Lab File: VL040360.D
Acq: 13 Apr 2023 14:00

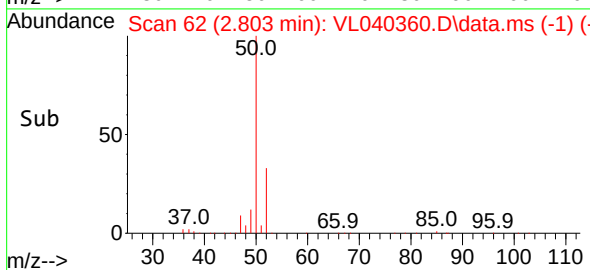
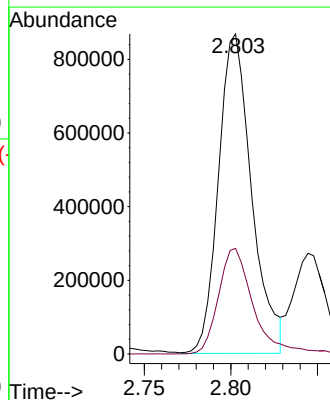
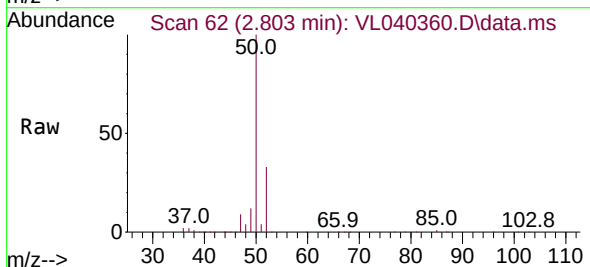
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

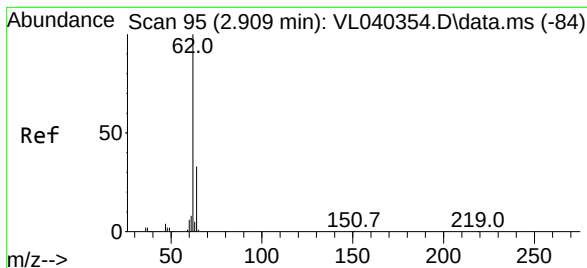
Tgt Ion: 51 Resp: 1786678
Ion Ratio Lower Upper
51 100
67 20.0 15.5 23.3



#4
Chloromethane
Concen: 13.430 ppbv
RT: 2.803 min Scan# 62
Delta R.T. 0.003 min
Lab File: VL040360.D
Acq: 13 Apr 2023 14:00

Tgt Ion: 50 Resp: 1157369
Ion Ratio Lower Upper
50 100
52 33.1 25.3 37.9

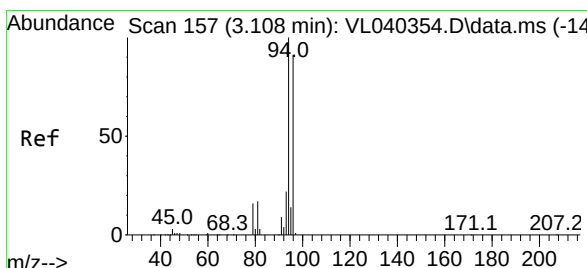
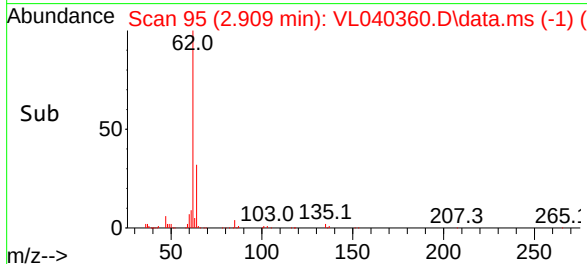
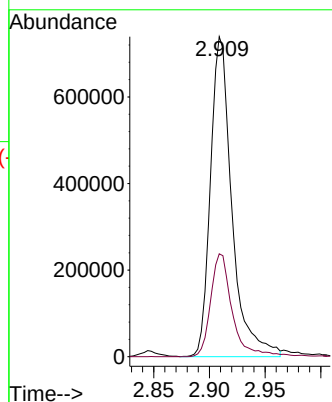
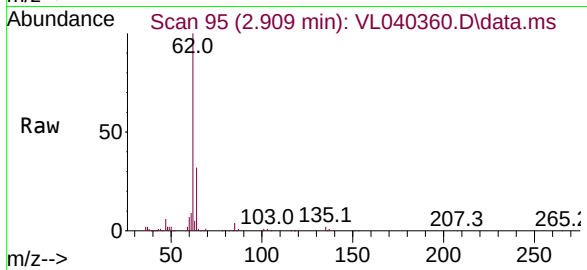




#5
 Vinyl Chloride
 Concen: 13.940 ppbv
 RT: 2.909 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VL040360.D
 Acq: 13 Apr 2023 14:00

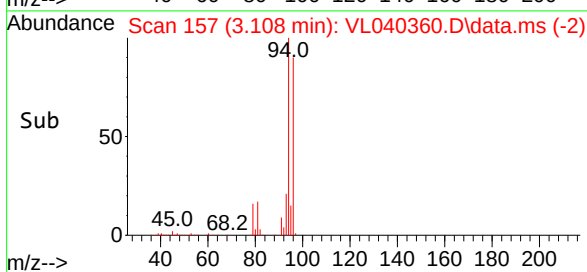
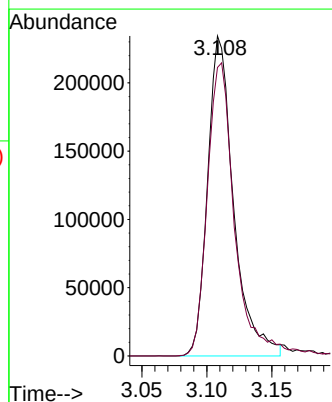
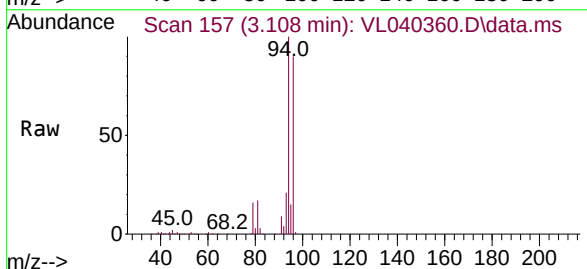
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 ClientSampleId :
 VSTDIC015

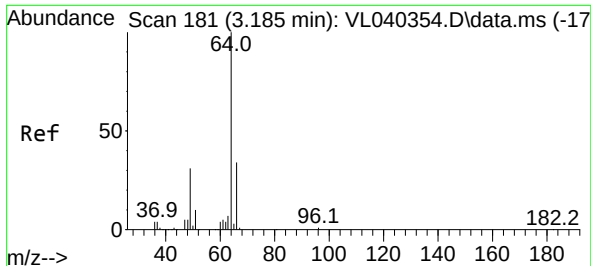
Tgt Ion: 62 Resp: 991629
 Ion Ratio Lower Upper
 62 100
 64 32.1 26.3 39.5



#6
 Bromomethane
 Concen: 13.940 ppbv
 RT: 3.108 min Scan# 157
 Delta R.T. -0.000 min
 Lab File: VL040360.D
 Acq: 13 Apr 2023 14:00

Tgt Ion: 94 Resp: 326705
 Ion Ratio Lower Upper
 94 100
 96 90.0 72.6 108.8

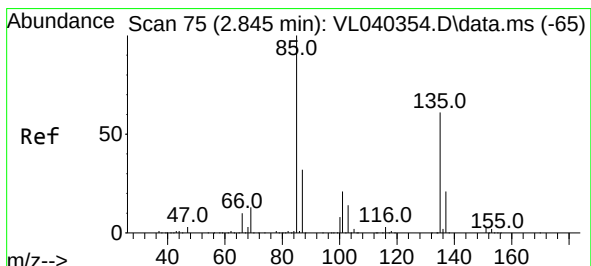
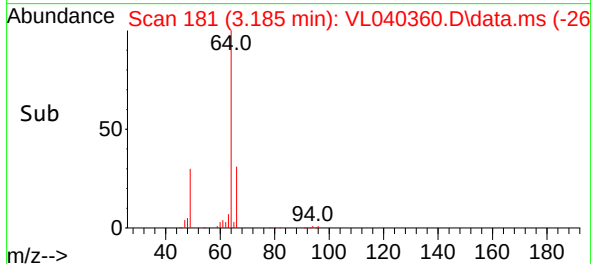
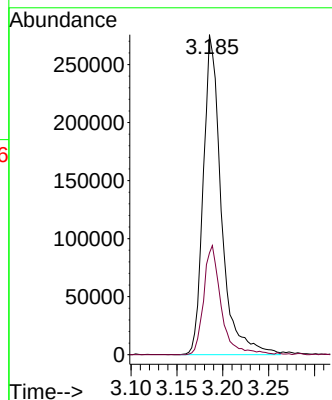
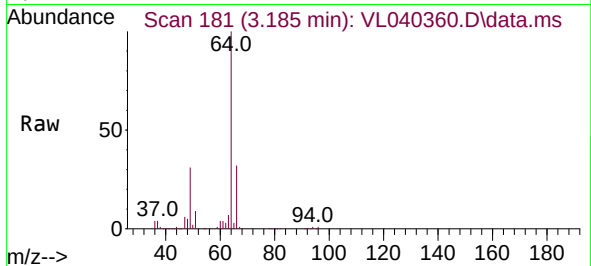




#7
Chloroethane
Concen: 14.016 ppbv
RT: 3.185 min Scan# 11
Delta R.T. -0.000 min
Lab File: VL040360.D
Acq: 13 Apr 2023 14:00

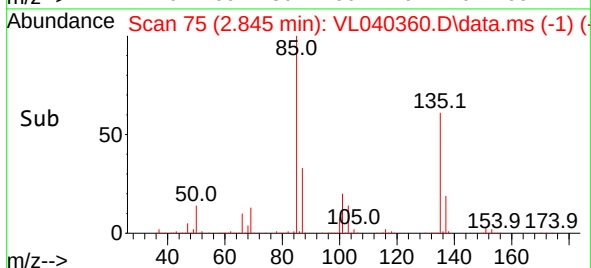
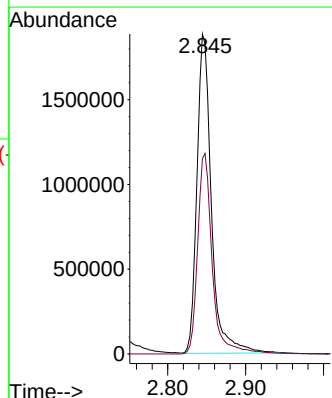
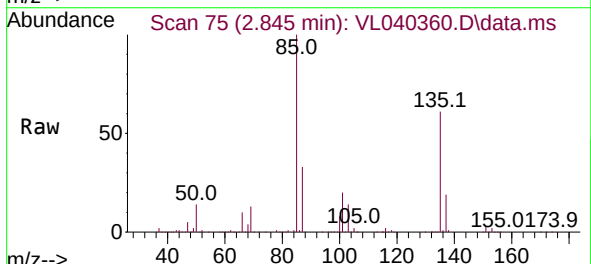
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 64 Resp: 377525
Ion Ratio Lower Upper
64 100
66 31.8 27.5 41.3

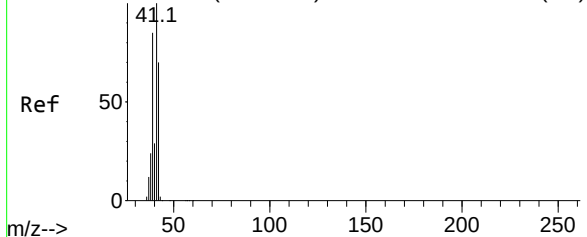


#8
Dichlorotetrafluoroethane
Concen: 13.210 ppbv
RT: 2.845 min Scan# 75
Delta R.T. -0.000 min
Lab File: VL040360.D
Acq: 13 Apr 2023 14:00

Tgt Ion: 85 Resp: 2429992
Ion Ratio Lower Upper
85 100
135 63.7 50.7 76.1



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



#9

Propene

Concen: 13.362 ppbv

RT: 2.684 min Scan# 21

Delta R.T. 0.003 min

Lab File: VL040360.D

Acq: 13 Apr 2023 14:00

Instrument :

MSVOA_1

ClientSampleId :

VSTDIC015

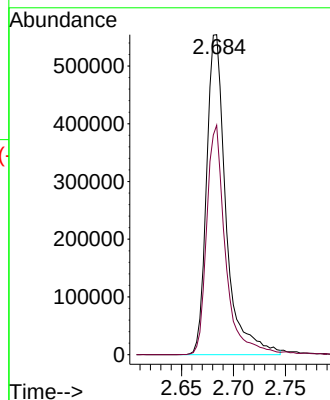
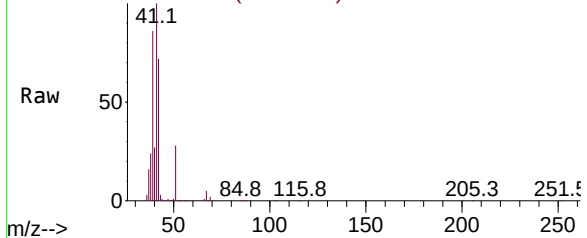
Tgt Ion: 41 Resp: 720120

Ion Ratio Lower Upper

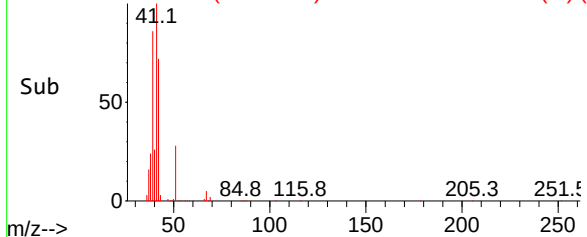
41 100

42 70.3 56.5 84.7

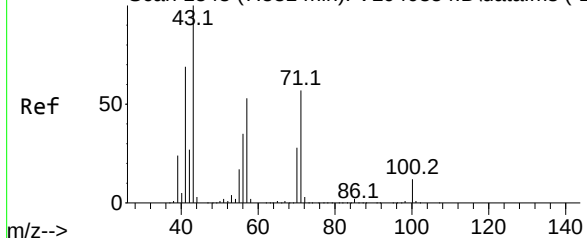
Abundance Scan 25 (2.684 min): VL040360.D\data.ms



Abundance Scan 25 (2.684 min): VL040360.D\data.ms (-1)



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



#10

Heptane

Concen: 15.449 ppbv

RT: 7.590 min Scan# 1551

Delta R.T. 0.010 min

Lab File: VL040360.D

Acq: 13 Apr 2023 14:00

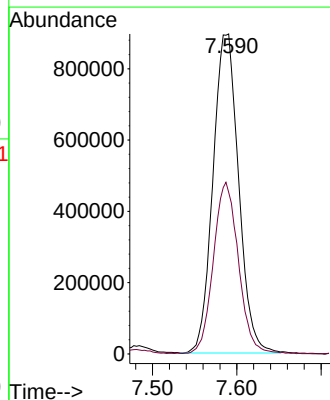
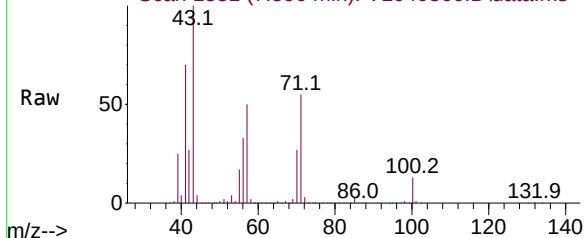
Tgt Ion: 43 Resp: 1892133

Ion Ratio Lower Upper

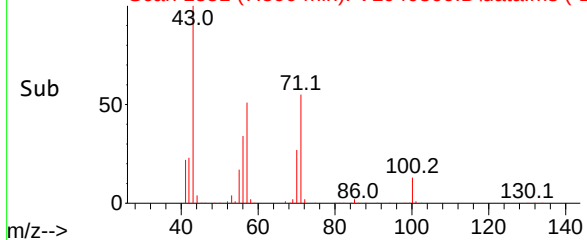
43 100

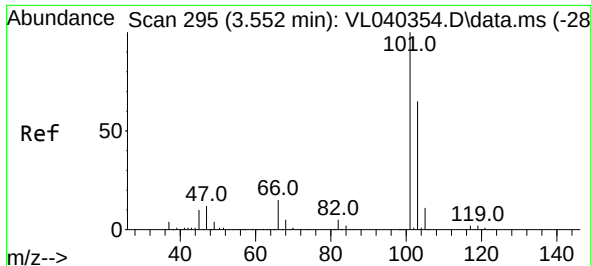
57 52.6 42.2 63.4

Abundance Scan 1551 (7.590 min): VL040360.D\data.ms



Abundance Scan 1551 (7.590 min): VL040360.D\data.ms (-1)

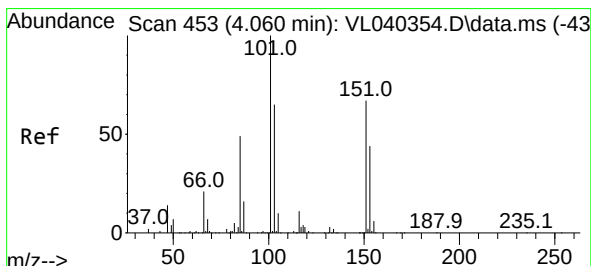
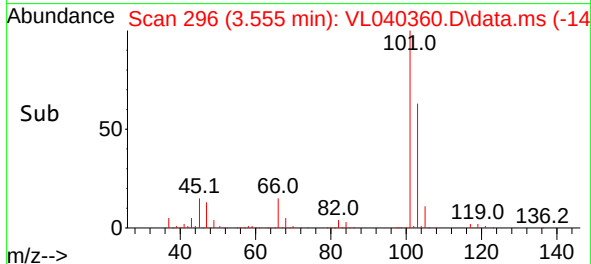
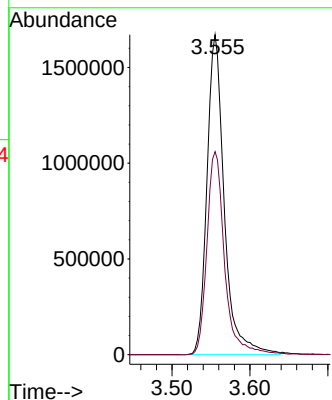
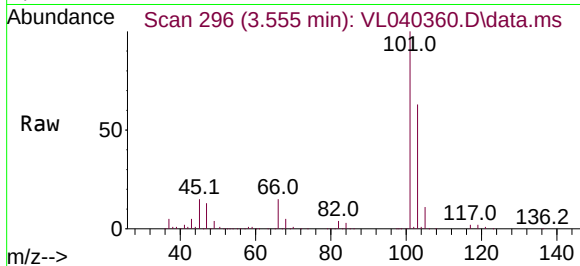




#11
 Trichlorofluoromethane
 Concen: 13.512 ppbv
 RT: 3.555 min Scan# 295
 Delta R.T. 0.003 min
 Lab File: VL040360.D
 Acq: 13 Apr 2023 14:00

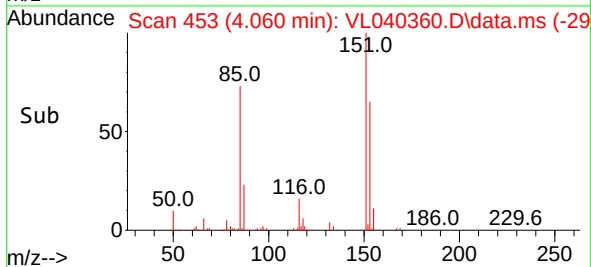
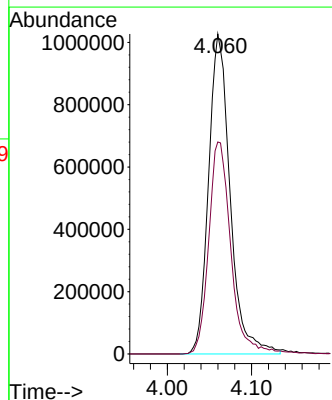
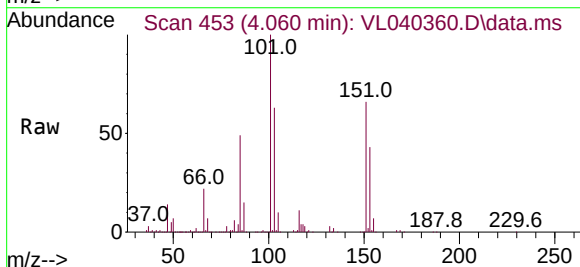
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDIC015

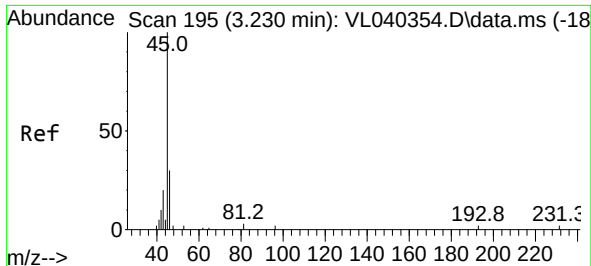
Tgt Ion:101 Resp: 2574640
 Ion Ratio Lower Upper
 101 100
 103 63.4 52.2 78.4



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 13.705 ppbv
 RT: 4.060 min Scan# 453
 Delta R.T. -0.000 min
 Lab File: VL040360.D
 Acq: 13 Apr 2023 14:00

Tgt Ion:101 Resp: 1826580
 Ion Ratio Lower Upper
 101 100
 151 68.3 54.7 82.1

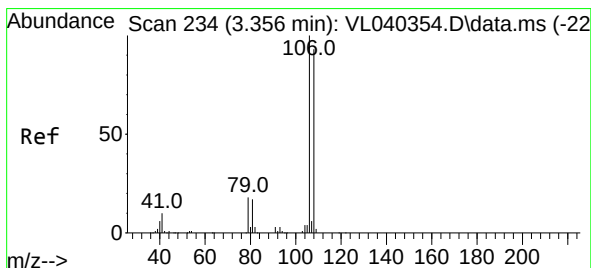
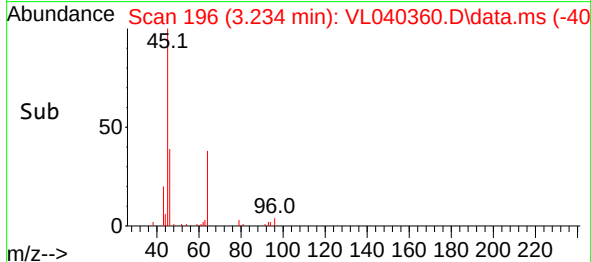
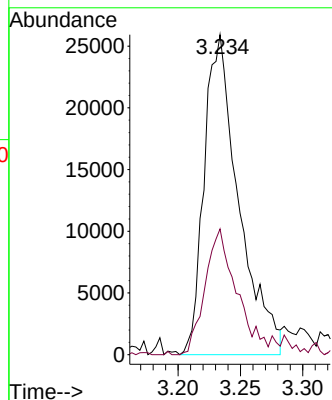
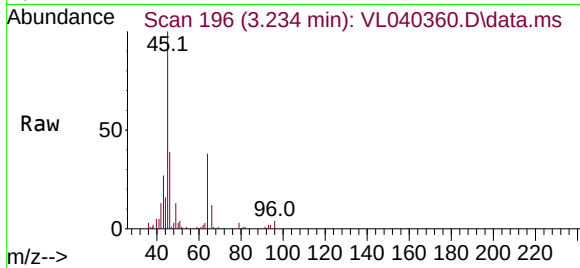




#13
Ethanol
Concen: 11.096 ppbv
RT: 3.234 min Scan# 195
Delta R.T. 0.003 min
Lab File: VL040360.D
Acq: 13 Apr 2023 14:00

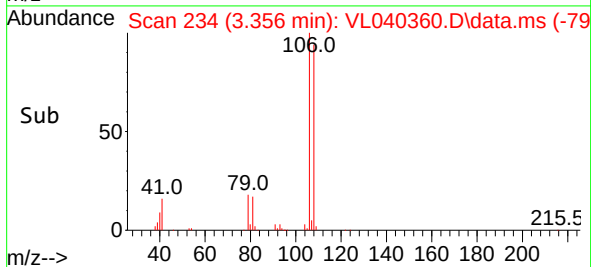
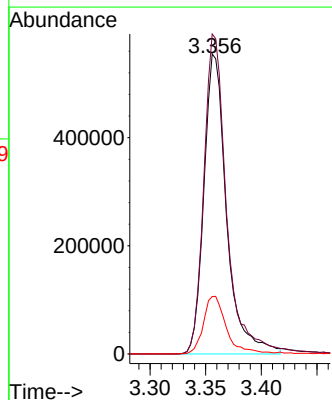
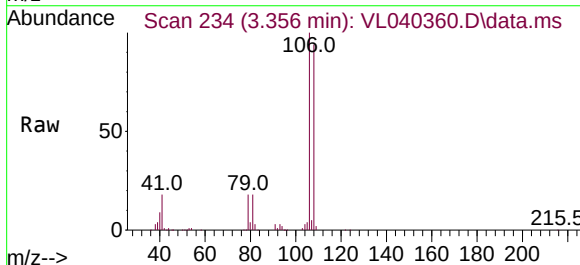
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

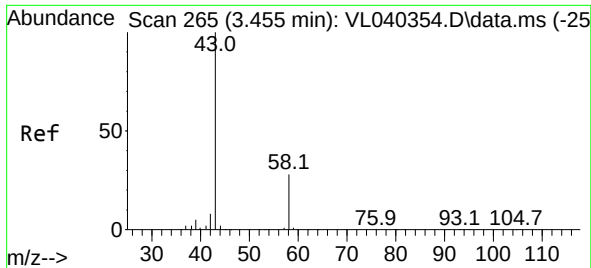
Tgt Ion: 45 Resp: 49920
Ion Ratio Lower Upper
45 100
46 38.9 15.3 61.3



#14
Bromoethene
Concen: 14.463 ppbv
RT: 3.356 min Scan# 234
Delta R.T. -0.000 min
Lab File: VL040360.D
Acq: 13 Apr 2023 14:00

Tgt Ion: 108 Resp: 788186
Ion Ratio Lower Upper
108 100
106 108.0 88.3 132.5
79 19.9 16.1 24.1

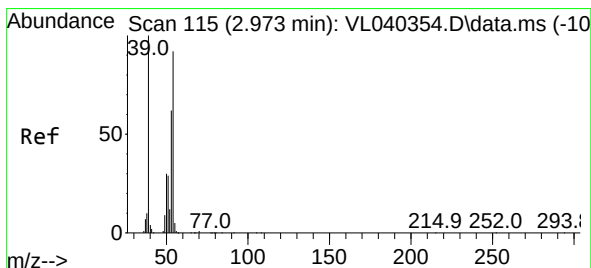
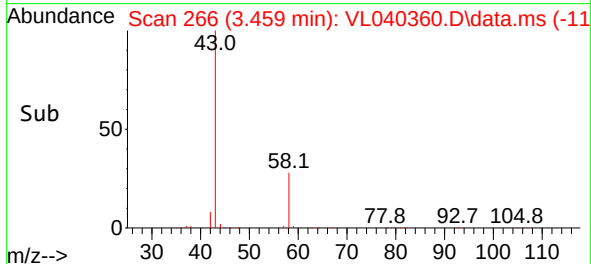
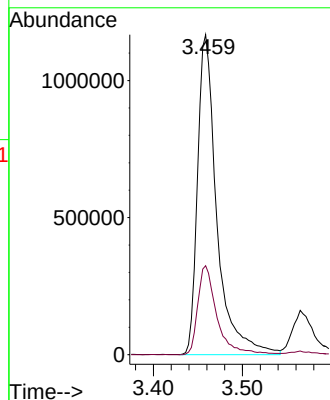
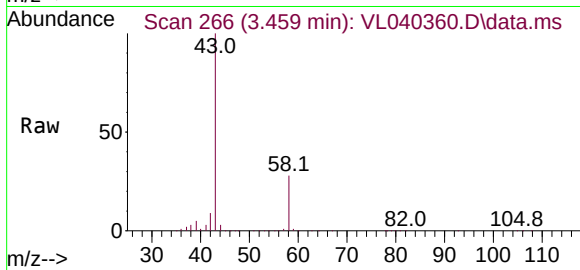




#15
Acetone
Concen: 11.893 ppbv
RT: 3.459 min Scan# 266
Delta R.T. 0.003 min
Lab File: VL040360.D
Acq: 13 Apr 2023 14:00

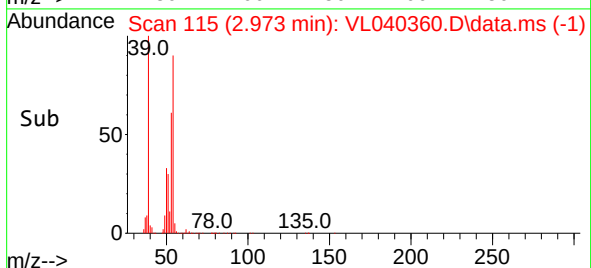
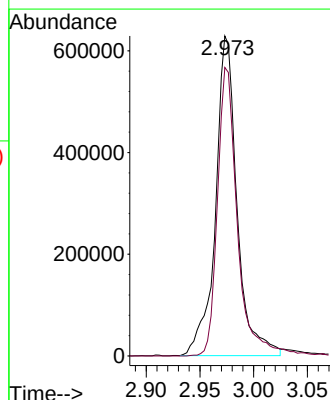
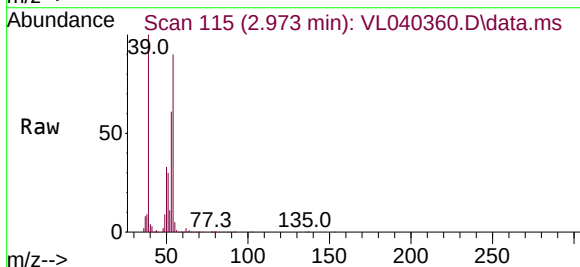
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

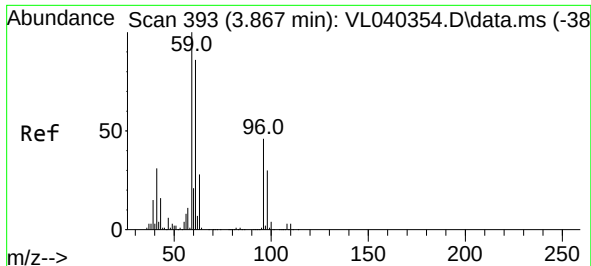
Tgt Ion: 43 Resp: 1758626
Ion Ratio Lower Upper
43 100
58 27.6 22.2 33.2



#16
1,3-Butadiene
Concen: 14.341 ppbv
RT: 2.973 min Scan# 115
Delta R.T. -0.000 min
Lab File: VL040360.D
Acq: 13 Apr 2023 14:00

Tgt Ion: 39 Resp: 877571
Ion Ratio Lower Upper
39 100
54 84.6 68.8 103.2





#17

tert-Butyl alcohol

Concen: 13.689 ppbv

RT: 3.870 min Scan# 394

Delta R.T. 0.003 min

Lab File: VL040360.D

Acq: 13 Apr 2023 14:00

Instrument :

MSVOA_L

ClientSampleId :

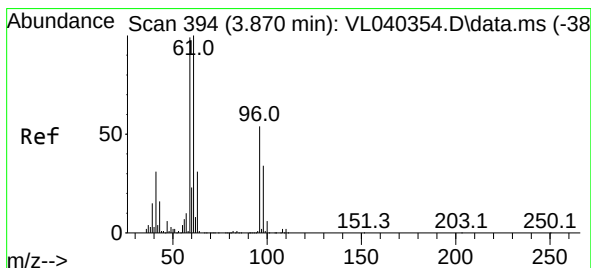
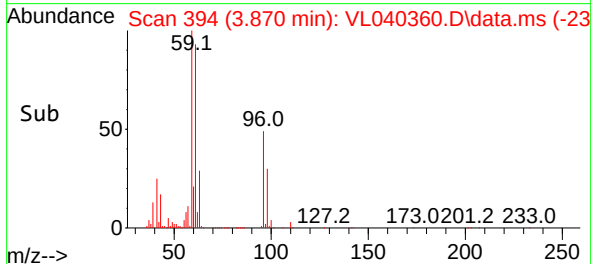
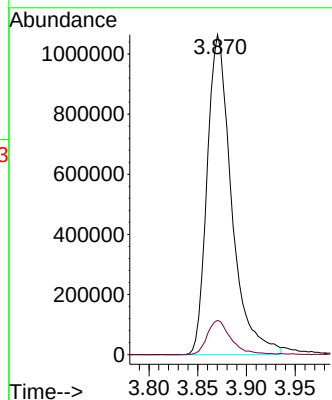
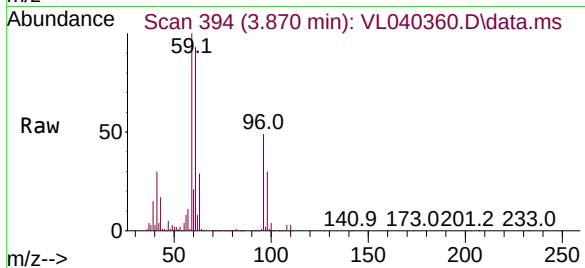
VSTDIC015

Tgt Ion: 59 Resp: 1858714

Ion Ratio Lower Upper

59 100

57 10.7 8.5 12.7



#18

1,1-Dichloroethene

Concen: 14.271 ppbv

RT: 3.873 min Scan# 395

Delta R.T. 0.003 min

Lab File: VL040360.D

Acq: 13 Apr 2023 14:00

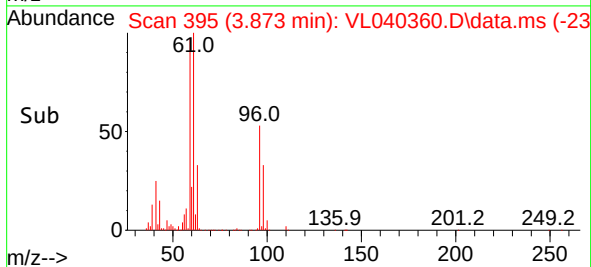
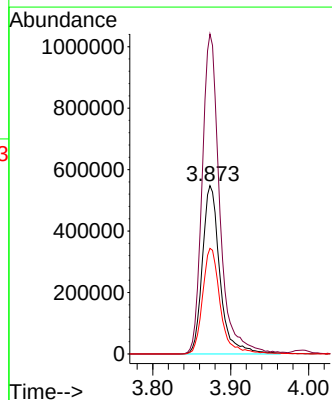
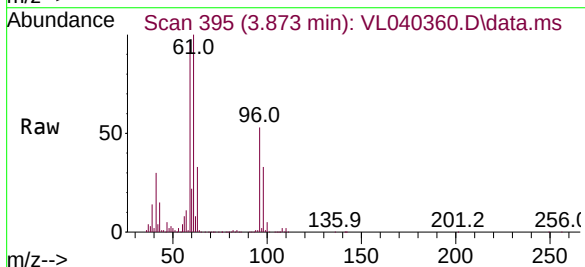
Tgt Ion: 96 Resp: 857822

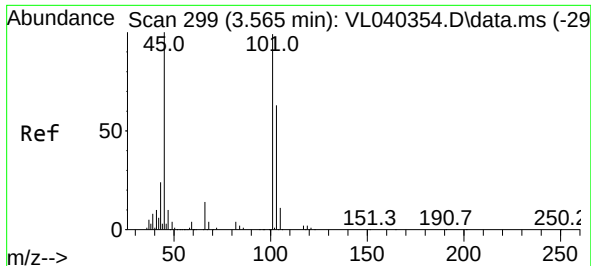
Ion Ratio Lower Upper

96 100

61 190.0 148.3 222.5

98 62.8 49.8 74.8





#19

Isopropyl Alcohol

Concen: 13.637 ppbv

RT: 3.568 min Scan# 300

Delta R.T. 0.003 min

Lab File: VL040360.D

Acq: 13 Apr 2023 14:00

Instrument :

MSVOA_1

ClientSampleId :

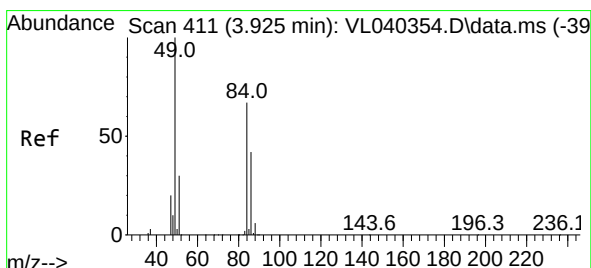
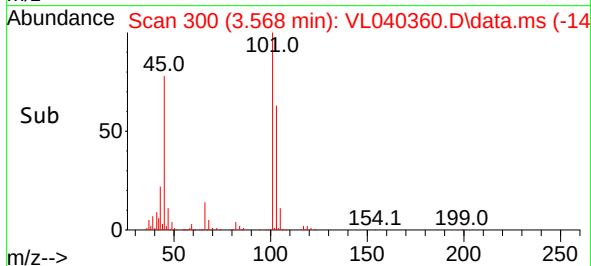
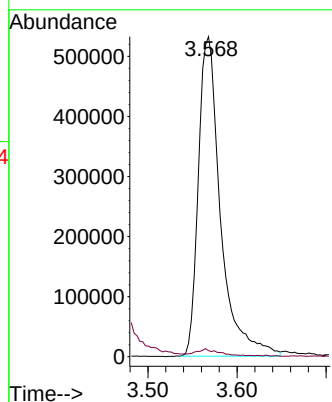
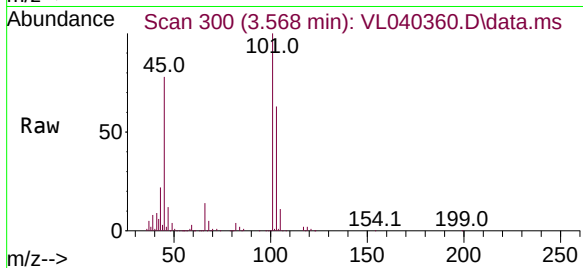
VSTDIC015

Tgt Ion: 45 Resp: 920076

Ion Ratio Lower Upper

45 100

58 2.9 2.6 4.0



#20

Methylene Chloride

Concen: 12.270 ppbv

RT: 3.928 min Scan# 412

Delta R.T. 0.003 min

Lab File: VL040360.D

Acq: 13 Apr 2023 14:00

Tgt Ion: 84 Resp: 724362

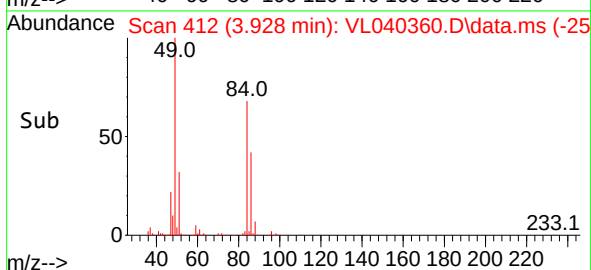
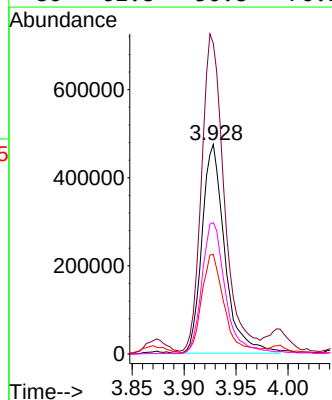
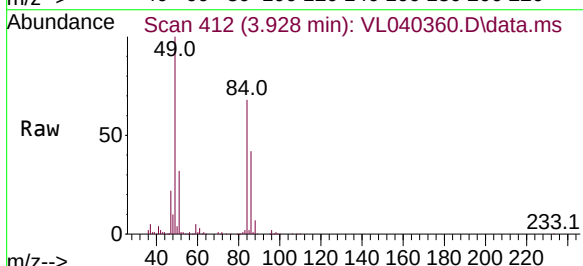
Ion Ratio Lower Upper

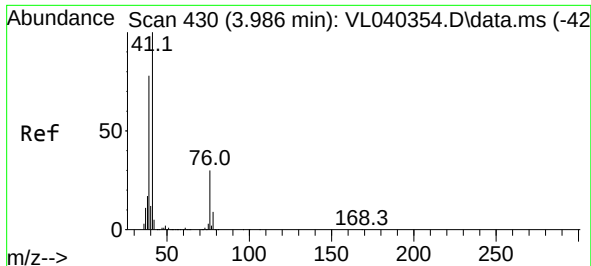
84 100

49 147.3 120.1 180.1

51 46.9 36.3 54.5

86 62.8 50.8 76.2





#21

Allyl Chloride

Concen: 14.444 ppbv

RT: 3.992 min Scan# 41

Delta R.T. 0.006 min

Lab File: VL040360.D

Acq: 13 Apr 2023 14:00

Instrument :

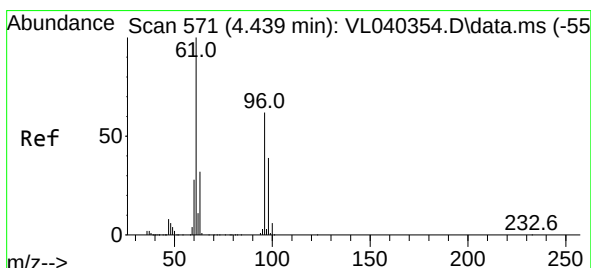
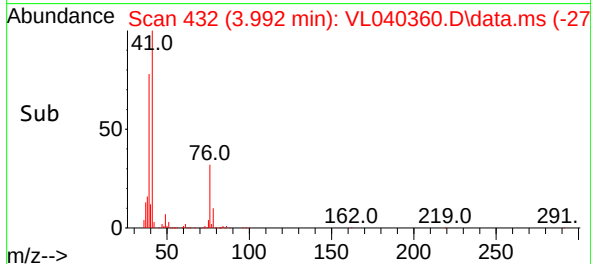
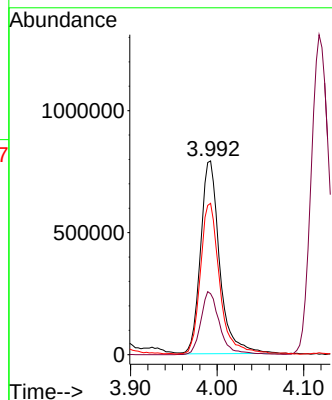
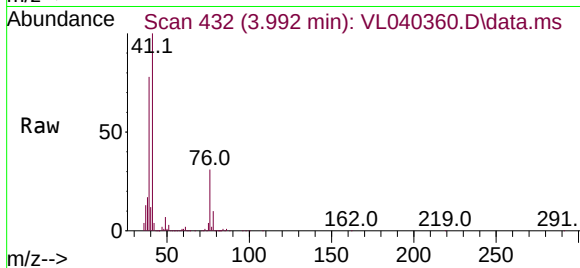
MSVOA_L

ClientSampleId :

VSTDIC015

Tgt Ion: 41 Resp: 1213570

Ion	Ratio	Lower	Upper
41	100		
76	32.3	25.5	38.3
39	79.7	64.0	96.0



#22

trans-1,2-Dichloroethene

Concen: 13.956 ppbv

RT: 4.443 min Scan# 572

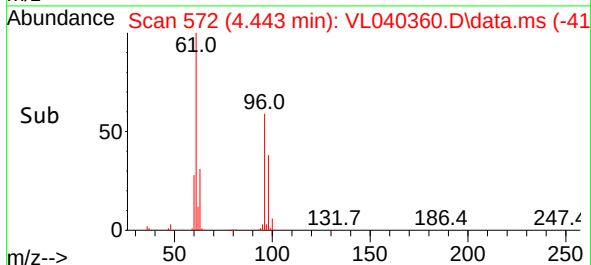
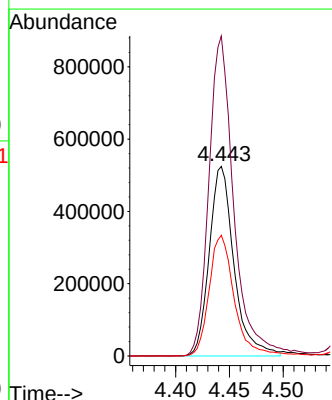
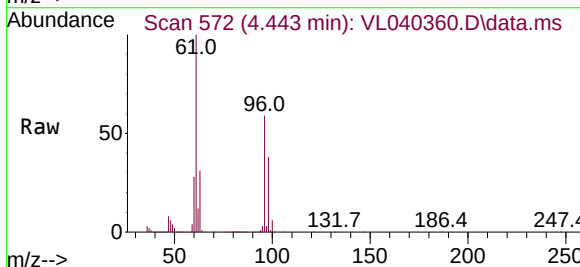
Delta R.T. 0.003 min

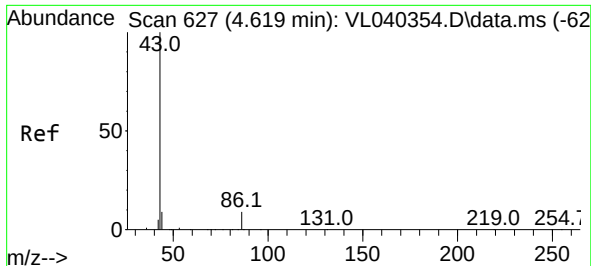
Lab File: VL040360.D

Acq: 13 Apr 2023 14:00

Tgt Ion: 96 Resp: 838620

Ion	Ratio	Lower	Upper
96	100		
61	168.8	129.4	194.2
98	63.7	51.0	76.4

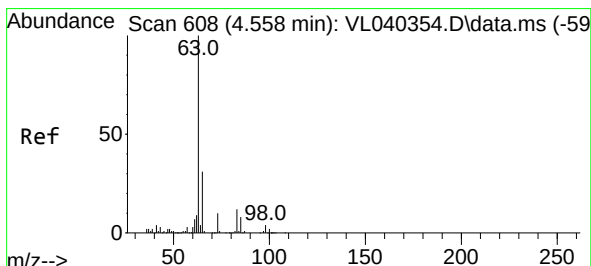
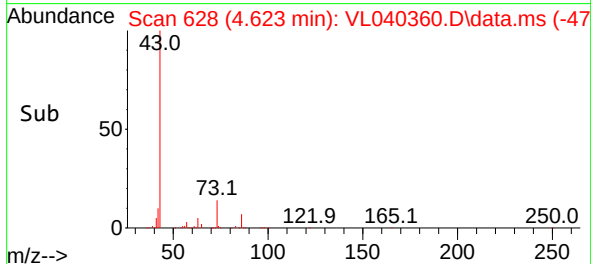
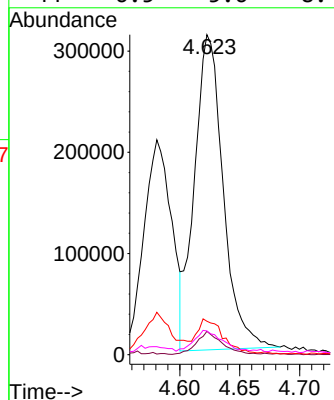
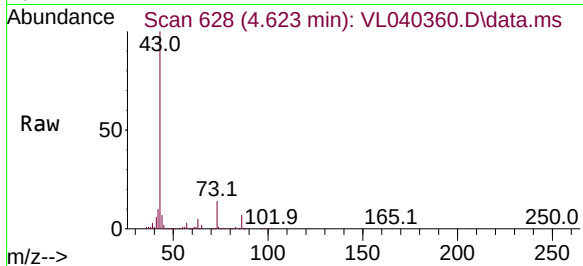




#23
 Vinyl Acetate
 Concen: 13.806 ppbv
 RT: 4.623 min Scan# 61
 Delta R.T. 0.003 min
 Lab File: VL040360.D
 Acq: 13 Apr 2023 14:00

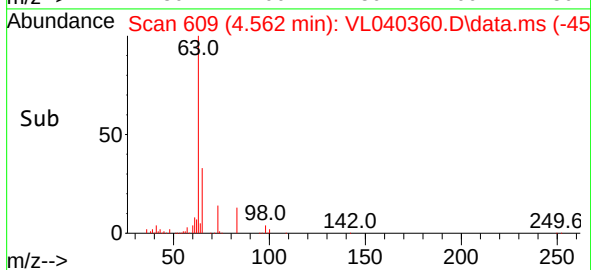
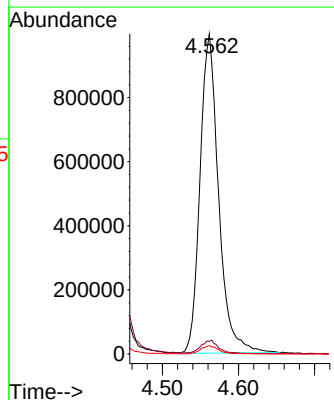
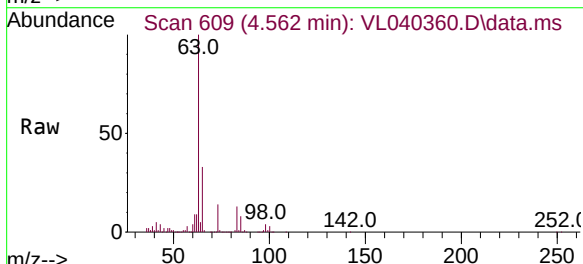
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDIC015

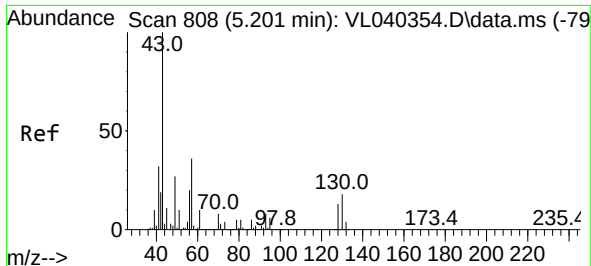
Tgt Ion:	43	Resp:	519782
Ion	Ratio	Lower	Upper
43	100		
86	7.3	6.0	9.0
42	10.4	6.4	9.6#
44	6.5	5.6	8.4



#24
 1,1-Dichloroethane
 Concen: 13.499 ppbv
 RT: 4.562 min Scan# 609
 Delta R.T. 0.003 min
 Lab File: VL040360.D
 Acq: 13 Apr 2023 14:00

Tgt Ion:	63	Resp:	1691271
Ion	Ratio	Lower	Upper
63	100		
98	3.9	2.1	6.2
100	2.6	1.2	3.6



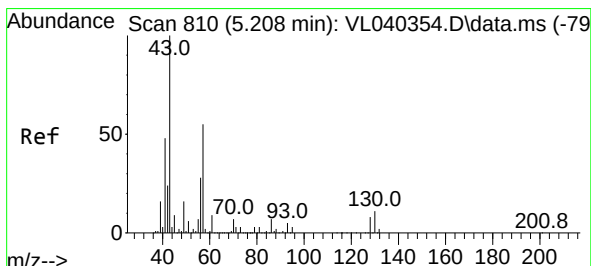
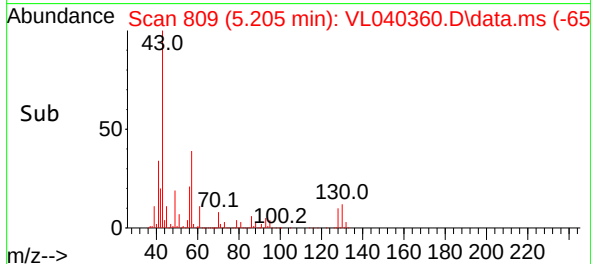
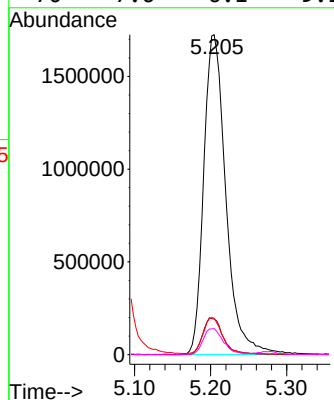
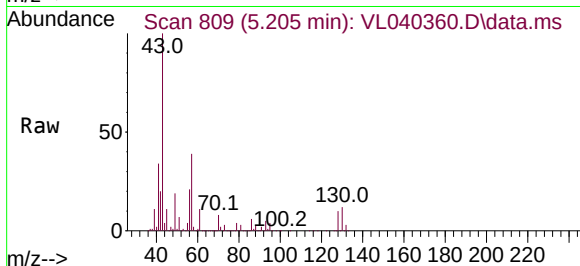


#25
Ethyl Acetate
Concen: 13.973 ppbv
RT: 5.205 min Scan# 808
Delta R.T. 0.003 min
Lab File: VL040360.D
Acq: 13 Apr 2023 14:00

Instrument :
MSVOA_1
ClientSampleId :
VSTDIC015

Tgt Ion: 43 Resp: 3476586

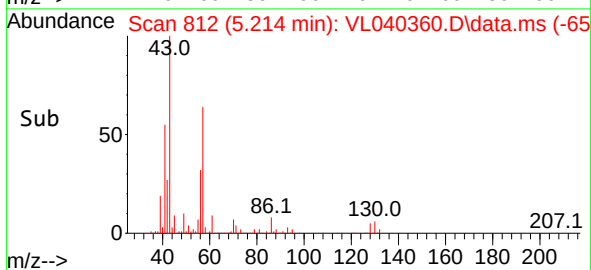
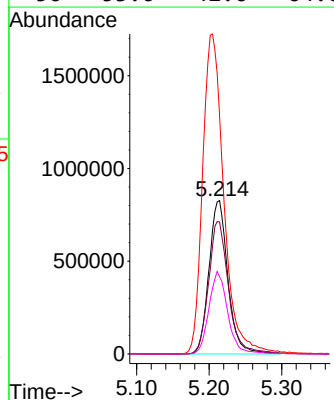
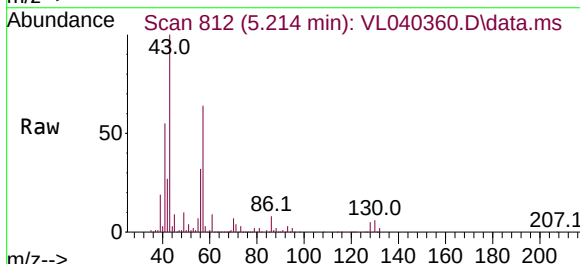
Ion	Ratio	Lower	Upper
43	100		
45	10.8	8.5	12.7
61	10.8	8.5	12.7
70	7.6	6.1	9.1

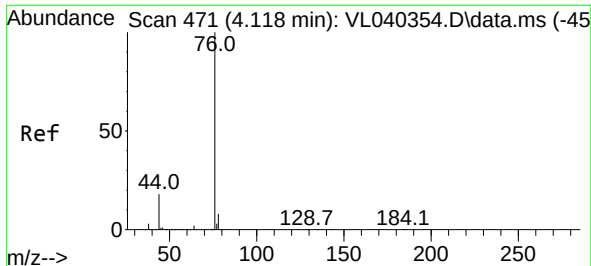


#26
Hexane
Concen: 14.299 ppbv
RT: 5.214 min Scan# 812
Delta R.T. 0.006 min
Lab File: VL040360.D
Acq: 13 Apr 2023 14:00

Tgt Ion: 57 Resp: 1499875

Ion	Ratio	Lower	Upper
57	100		
41	91.4	74.8	112.2
43	233.7	192.7	289.1
56	53.6	42.6	64.0



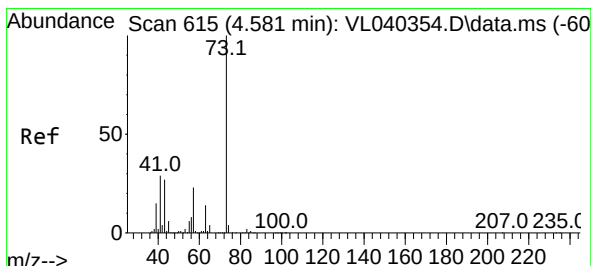
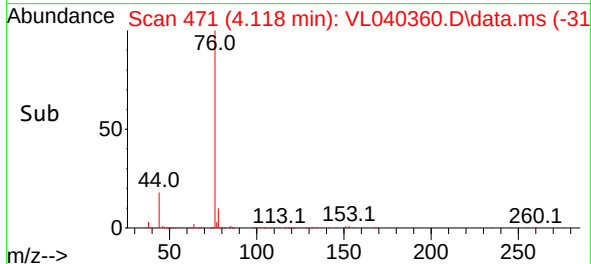
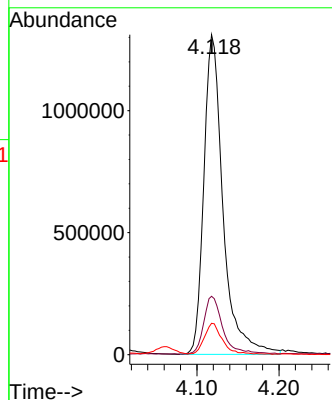
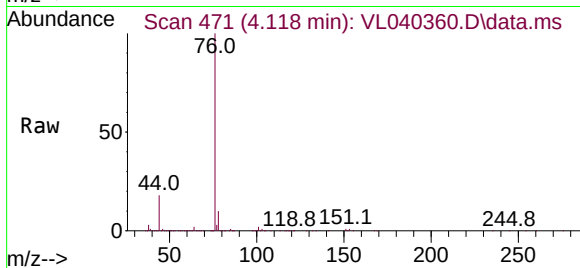


#27
Carbon Disulfide
Concen: 15.673 ppbv
RT: 4.118 min Scan# 471
Delta R.T. -0.000 min
Lab File: VL040360.D
Acq: 13 Apr 2023 14:00

Instrument :
MSVOA_1
ClientSampleId :
VSTDIC015

Tgt Ion: 76 Resp: 2127465

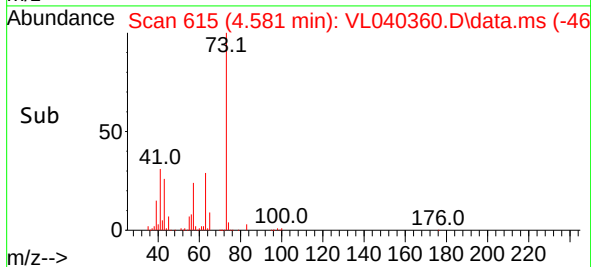
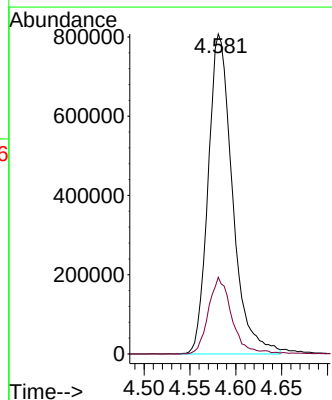
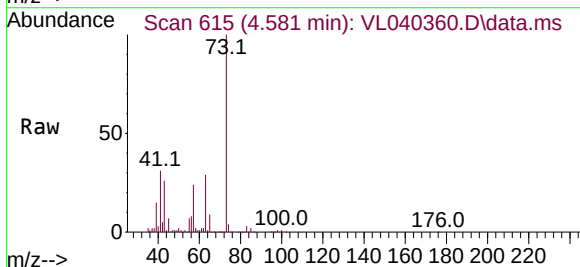
Ion	Ratio	Lower	Upper
76	100		
44	18.3	14.7	22.1
78	9.5	7.7	11.5

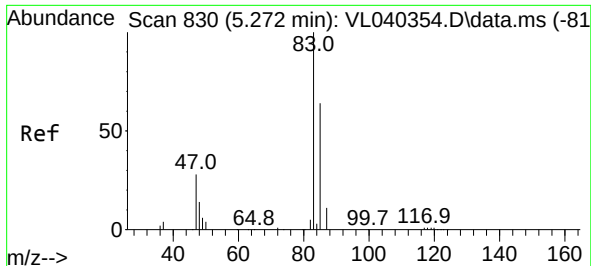


#28
Methyl tert-Butyl Ether
Concen: 13.721 ppbv
RT: 4.581 min Scan# 615
Delta R.T. -0.000 min
Lab File: VL040360.D
Acq: 13 Apr 2023 14:00

Tgt Ion: 73 Resp: 1485701

Ion	Ratio	Lower	Upper
73	100		
57	23.5	18.6	27.8





#29

Chloroform

Concen: 13.863 ppbv

RT: 5.275 min Scan# 81

Delta R.T. 0.003 min

Lab File: VL040360.D

Acq: 13 Apr 2023 14:00

Instrument :

MSVOA_L

ClientSampleId :

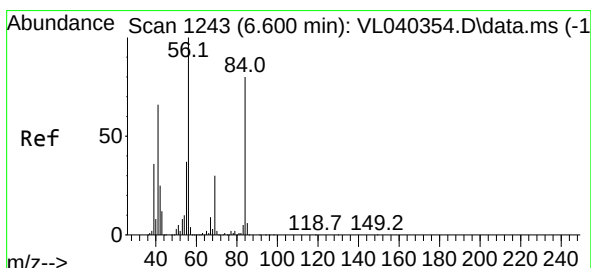
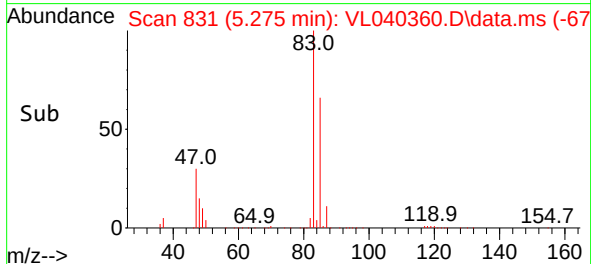
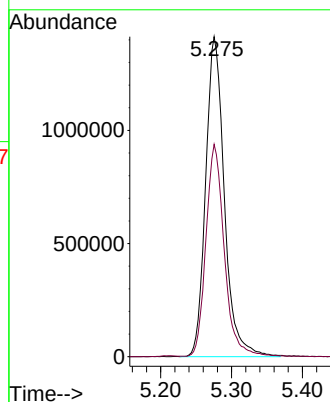
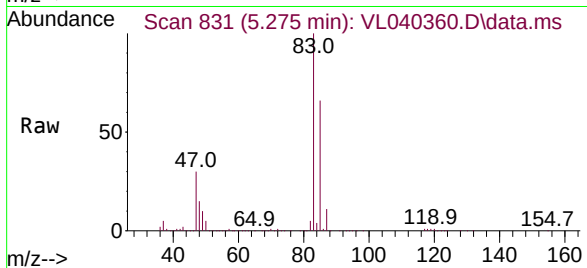
VSTDIC015

Tgt Ion: 83 Resp: 2590383

Ion Ratio Lower Upper

83 100

85 66.2 51.0 76.4



#30

Cyclohexane

Concen: 15.521 ppbv

RT: 6.606 min Scan# 1245

Delta R.T. 0.006 min

Lab File: VL040360.D

Acq: 13 Apr 2023 14:00

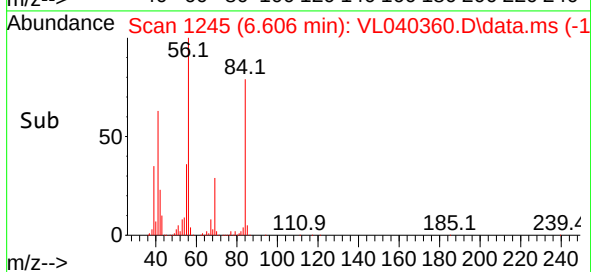
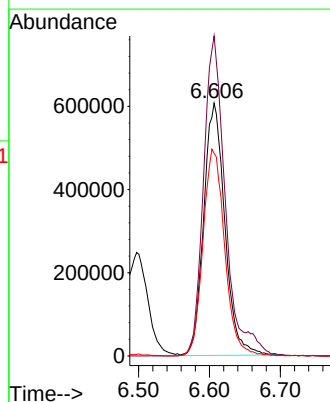
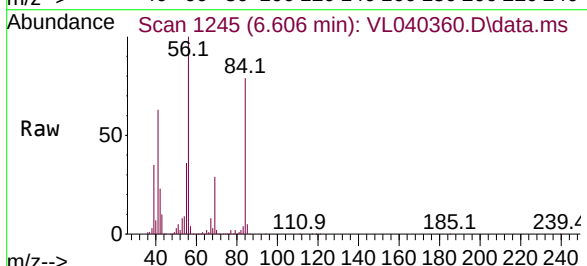
Tgt Ion: 84 Resp: 1260906

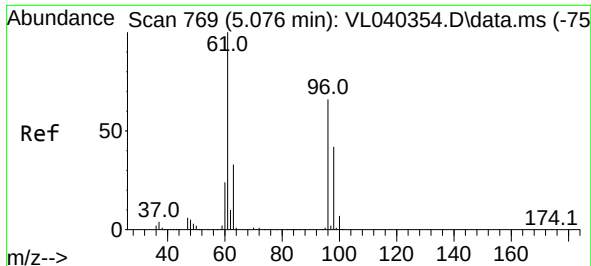
Ion Ratio Lower Upper

84 100

56 130.8 107.0 160.6

41 83.6 66.7 100.1

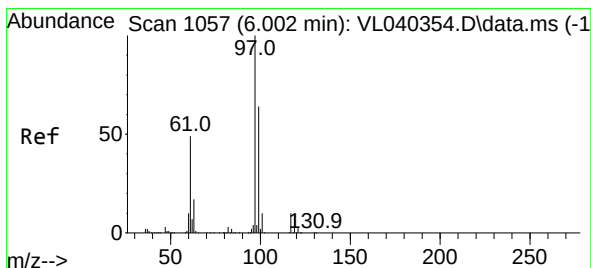
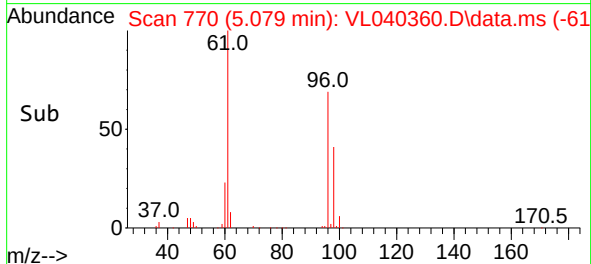
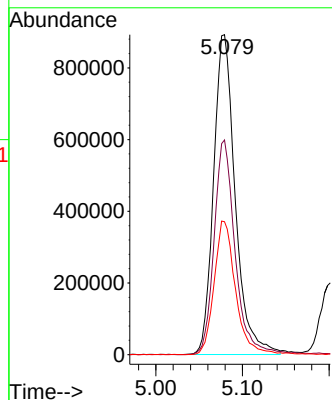
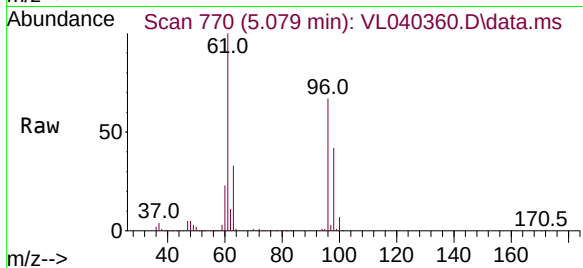




#31
 cis-1,2-Dichloroethene
 Concen: 14.917 ppbv
 RT: 5.079 min Scan# 71
 Delta R.T. 0.003 min
 Lab File: VL040360.D
 Acq: 13 Apr 2023 14:00

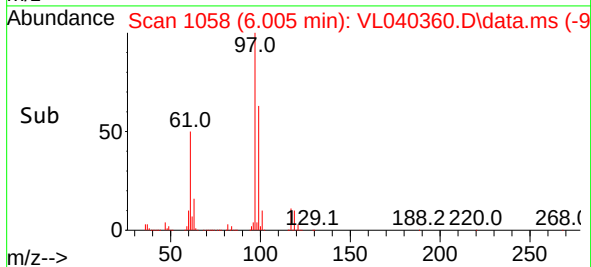
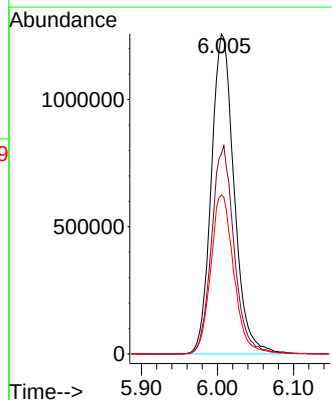
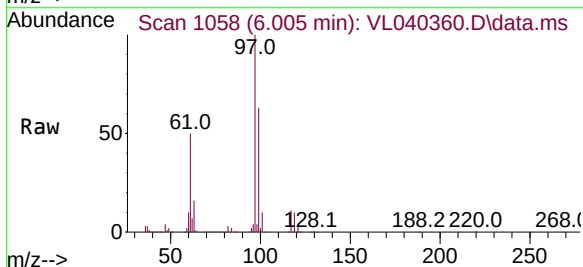
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC015

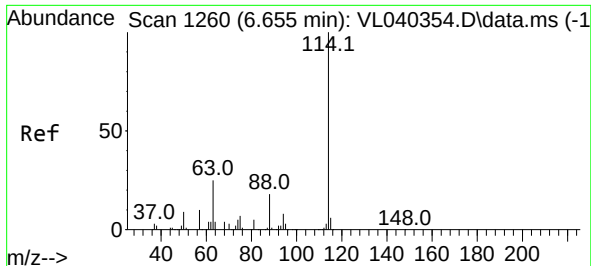
Tgt Ion: 61 Resp: 1550919
 Ion Ratio Lower Upper
 61 100
 96 67.1 53.0 79.4
 98 41.5 33.8 50.8



#32
 1,1,1-Trichloroethane
 Concen: 14.421 ppbv
 RT: 6.005 min Scan# 1058
 Delta R.T. 0.003 min
 Lab File: VL040360.D
 Acq: 13 Apr 2023 14:00

Tgt Ion: 97 Resp: 2618130
 Ion Ratio Lower Upper
 97 100
 99 64.6 51.8 77.8
 61 50.3 40.4 60.6





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.658 min Scan# 11

Delta R.T. 0.003 min

Lab File: VL040360.D

Acq: 13 Apr 2023 14:00

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC015

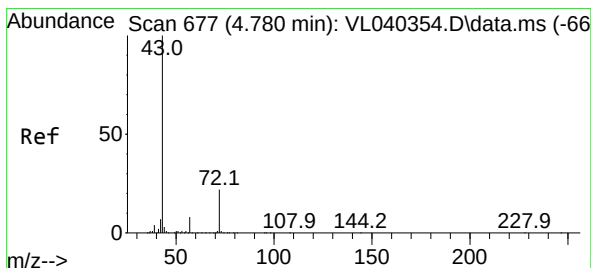
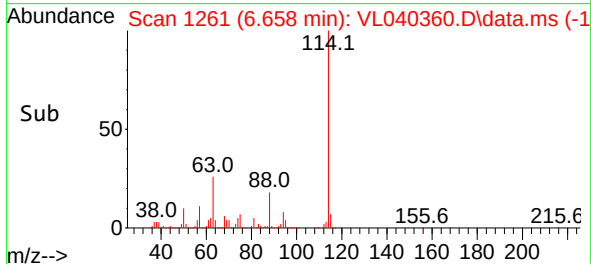
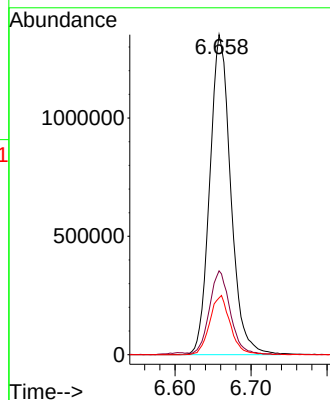
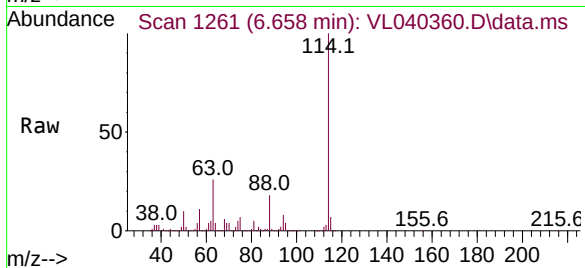
Tgt Ion:114 Resp: 2589020

Ion Ratio Lower Upper

114 100

63 26.8 21.4 32.0

88 18.3 14.6 22.0



#34

2-Butanone

Concen: 14.765 ppbv

RT: 4.783 min Scan# 678

Delta R.T. 0.003 min

Lab File: VL040360.D

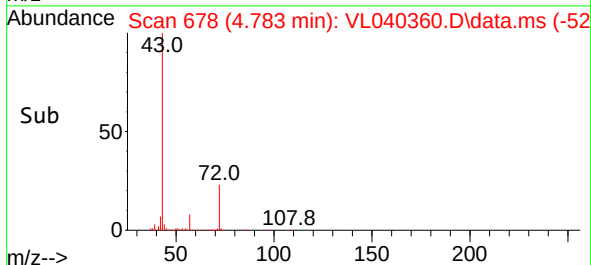
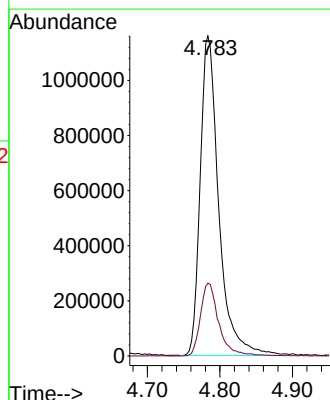
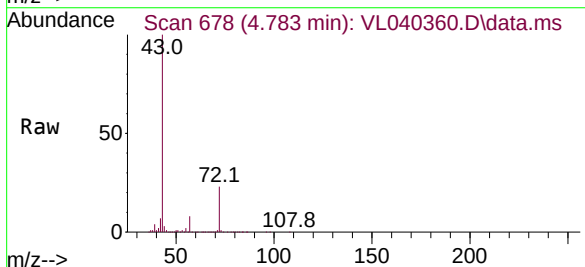
Acq: 13 Apr 2023 14:00

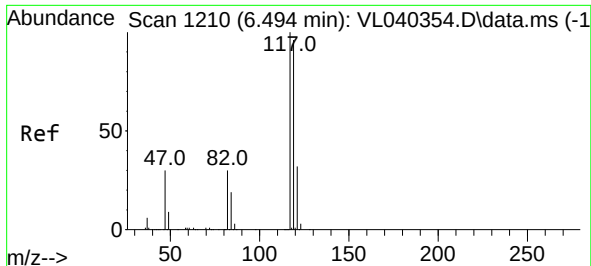
Tgt Ion: 43 Resp: 2061275

Ion Ratio Lower Upper

43 100

72 22.6 18.4 27.6

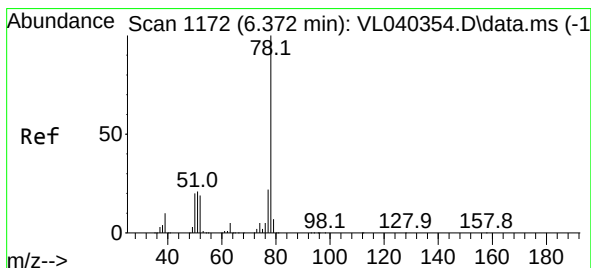
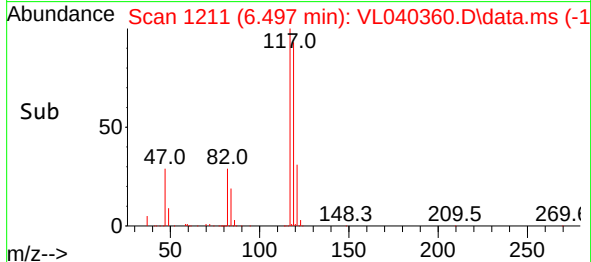
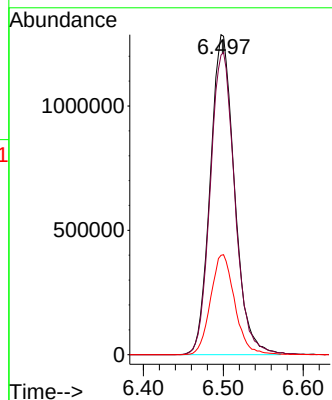
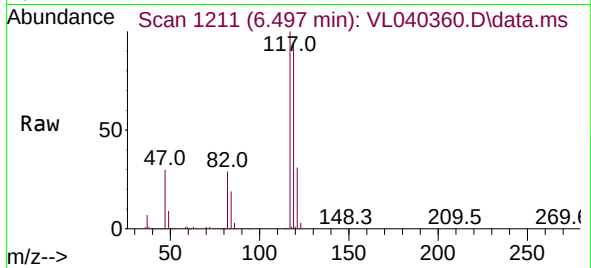




#35
Carbon Tetrachloride
Concen: 14.852 ppbv
RT: 6.497 min Scan# 1170
Delta R.T. 0.003 min
Lab File: VL040360.D
Acq: 13 Apr 2023 14:00

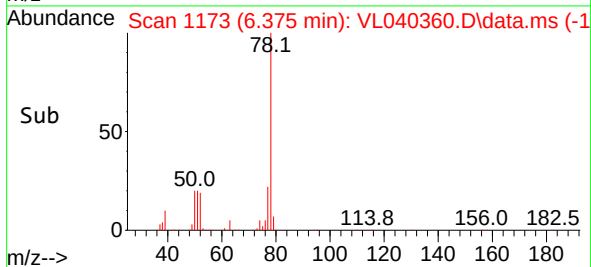
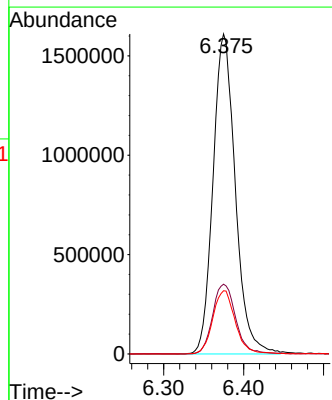
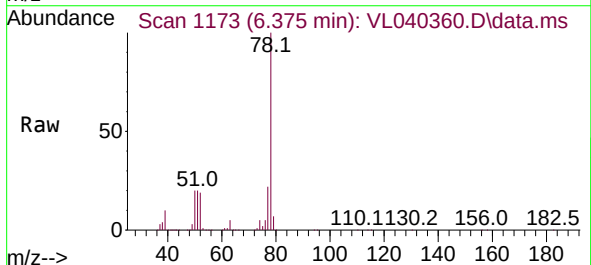
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

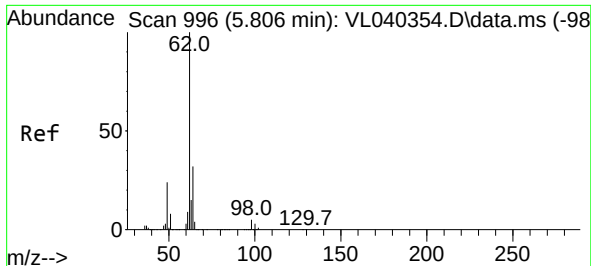
Tgt Ion:117 Resp: 2706784
Ion Ratio Lower Upper
117 100
119 93.6 76.6 114.8
121 31.0 25.3 37.9



#36
Benzene
Concen: 14.731 ppbv
RT: 6.375 min Scan# 1173
Delta R.T. 0.003 min
Lab File: VL040360.D
Acq: 13 Apr 2023 14:00

Tgt Ion: 78 Resp: 3111717
Ion Ratio Lower Upper
78 100
77 21.7 17.8 26.8
50 19.7 15.6 23.4





#37

1,2-Dichloroethane

Concen: 14.904 ppbv

RT: 5.809 min Scan# 996

Delta R.T. 0.003 min

Lab File: VL040360.D

Acq: 13 Apr 2023 14:00

Instrument :

MSVOA_L

ClientSampleId :

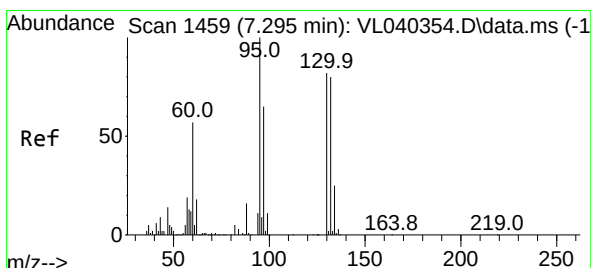
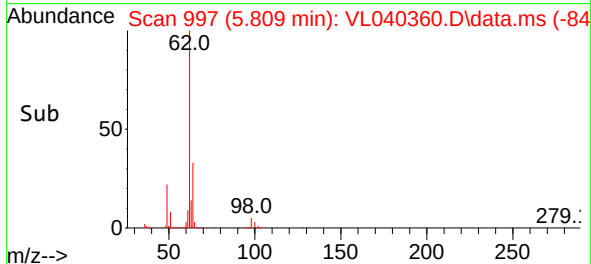
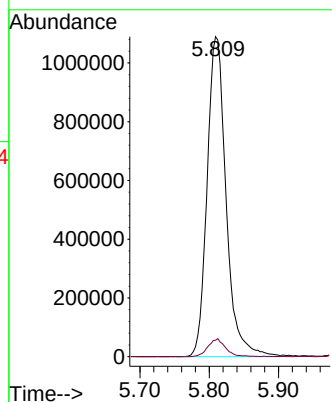
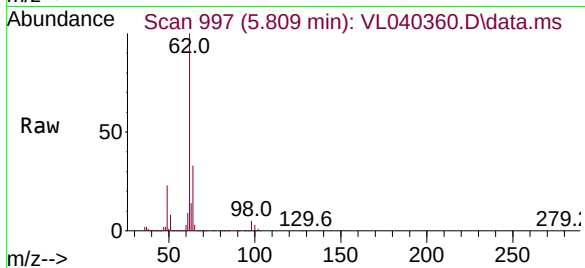
VSTDIC015

Tgt Ion: 62 Resp: 2067934

Ion Ratio Lower Upper

62 100

98 5.3 4.4 6.6



#38

Trichloroethene

Concen: 16.417 ppbv

RT: 7.298 min Scan# 1460

Delta R.T. 0.003 min

Lab File: VL040360.D

Acq: 13 Apr 2023 14:00

Tgt Ion:130 Resp: 1973696

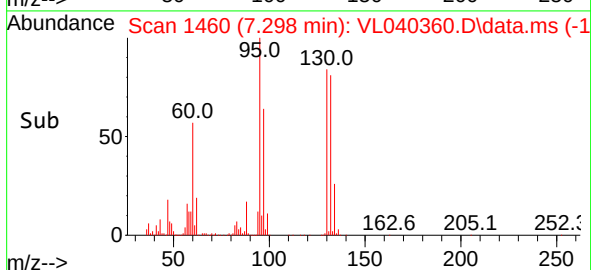
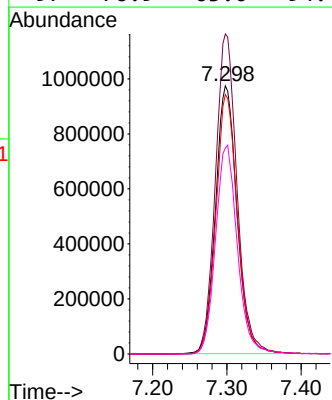
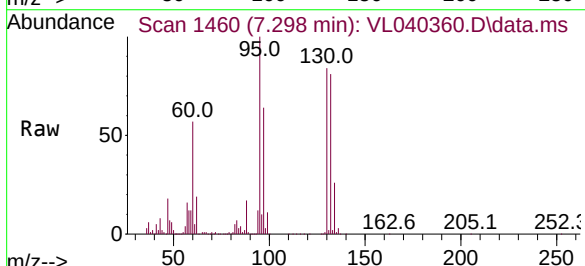
Ion Ratio Lower Upper

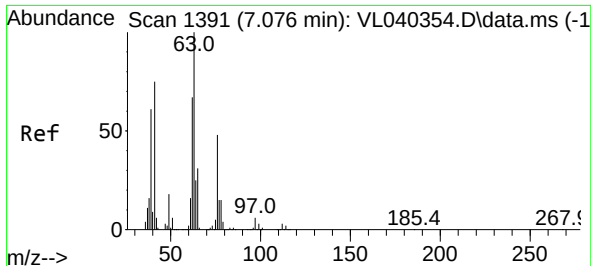
130 100

95 119.5 97.4 146.0

132 96.8 77.5 116.3

97 76.9 63.0 94.4





#39

1,2-Dichloropropane

Concen: 14.583 ppbv

RT: 7.079 min Scan# 11

Delta R.T. 0.003 min

Lab File: VL040360.D

Acq: 13 Apr 2023 14:00

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC015

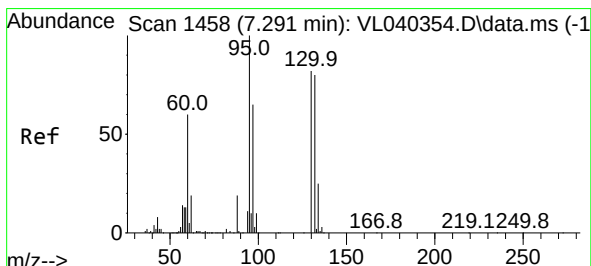
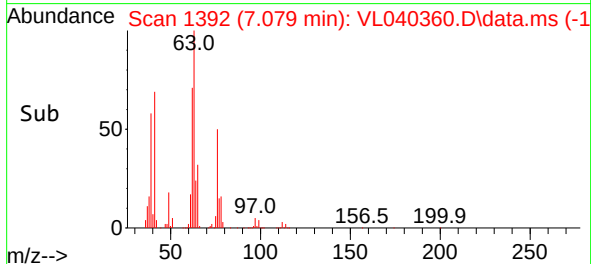
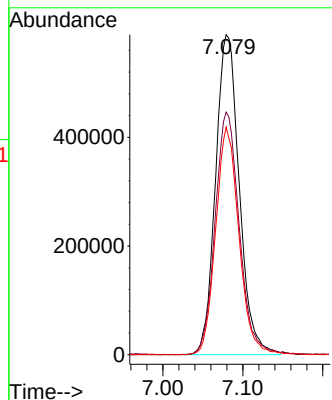
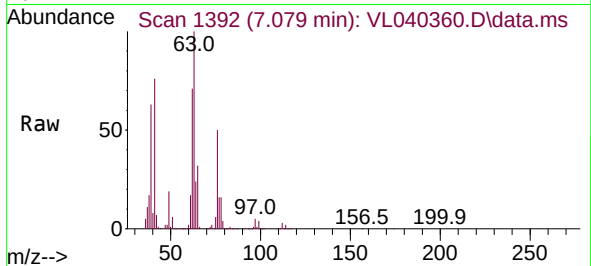
Tgt Ion: 63 Resp: 1212076

Ion Ratio Lower Upper

63 100

41 75.8 59.6 89.4

62 71.0 53.9 80.9



#40

1,4-Dioxane

Concen: 14.279 ppbv

RT: 7.291 min Scan# 1458

Delta R.T. -0.000 min

Lab File: VL040360.D

Acq: 13 Apr 2023 14:00

Tgt Ion: 88 Resp: 454542

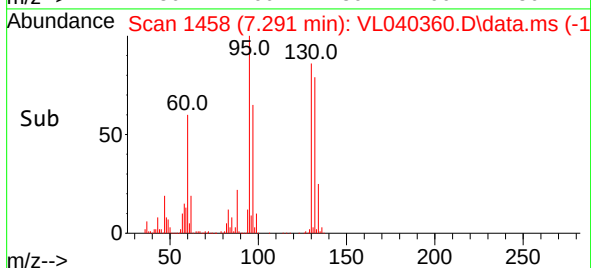
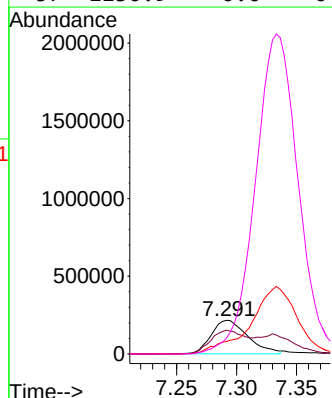
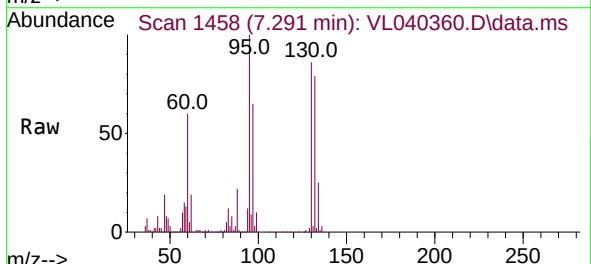
Ion Ratio Lower Upper

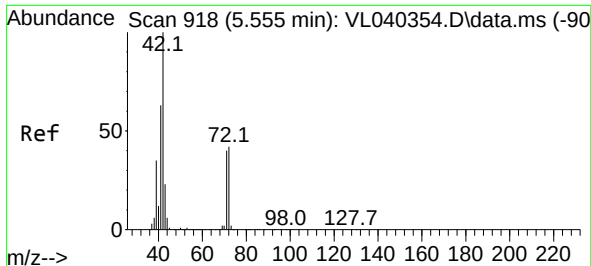
88 100

58 129.3 100.8 151.2

43 258.0 0.0 0.0#

57 1130.9 0.0 0.0#

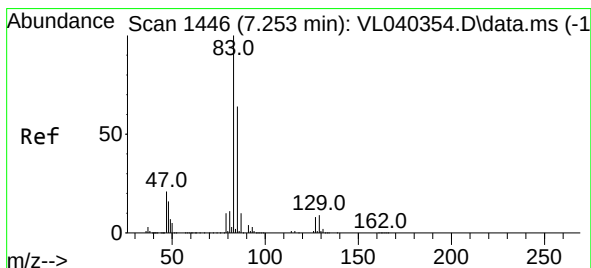
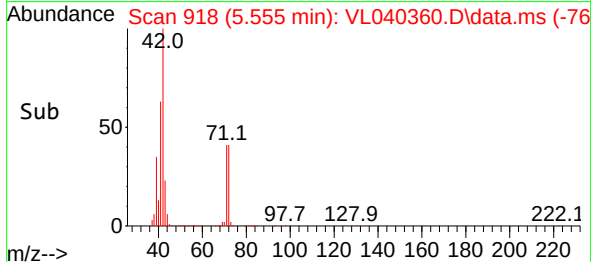
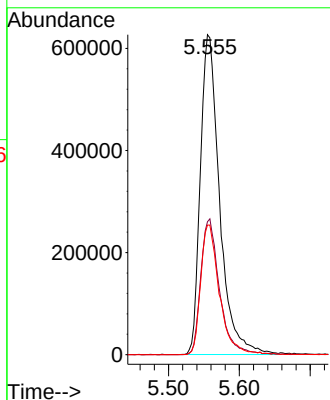
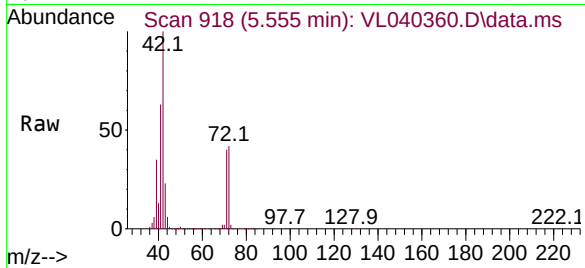




#41
Tetrahydrofuran
Concen: 15.464 ppbv
RT: 5.555 min Scan# 918
Delta R.T. -0.000 min
Lab File: VL040360.D
Acq: 13 Apr 2023 14:00

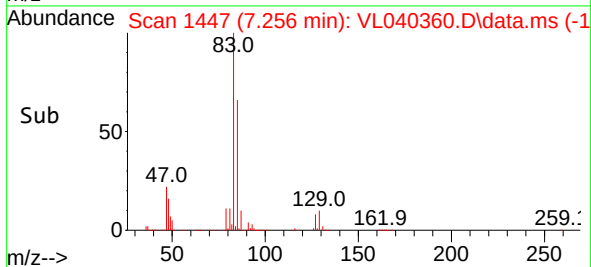
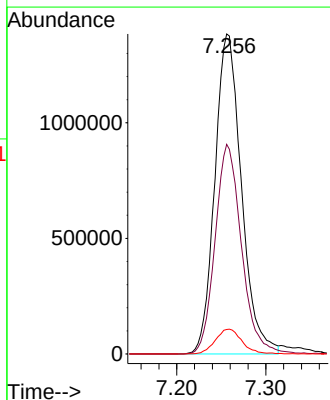
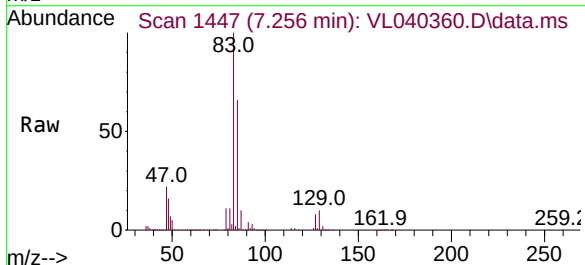
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

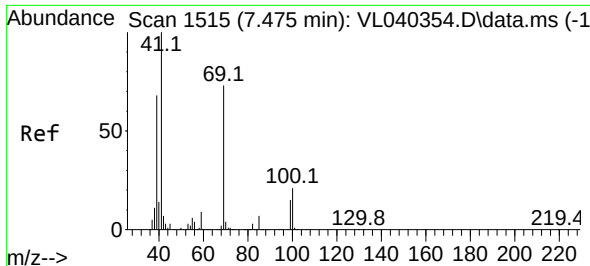
Tgt Ion: 42 Resp: 1182375
Ion Ratio Lower Upper
42 100
72 41.5 33.7 50.5
71 39.7 32.2 48.2



#42
Bromodichloromethane
Concen: 15.180 ppbv
RT: 7.256 min Scan# 1447
Delta R.T. 0.003 min
Lab File: VL040360.D
Acq: 13 Apr 2023 14:00

Tgt Ion: 83 Resp: 2876314
Ion Ratio Lower Upper
83 100
85 65.5 50.9 76.3
127 7.6 6.4 9.6

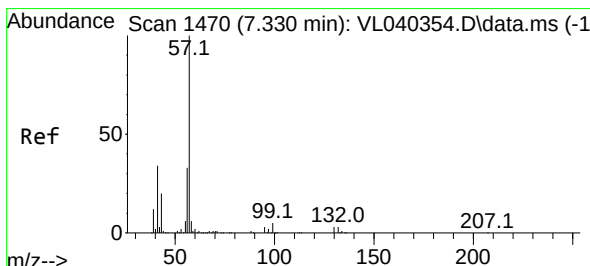
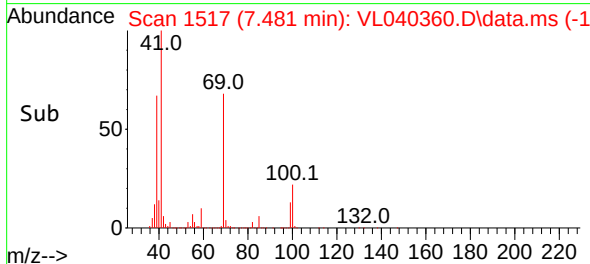
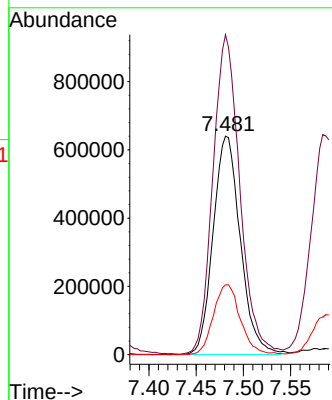
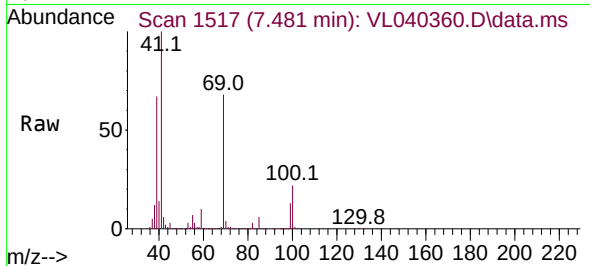




#43
Methyl Methacrylate
Concen: 16.271 ppbv
RT: 7.481 min Scan# 11
Delta R.T. 0.006 min
Lab File: VL040360.D
Acq: 13 Apr 2023 14:00

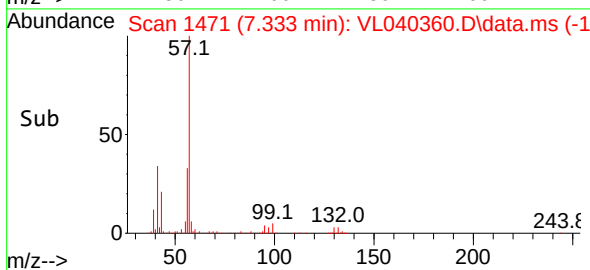
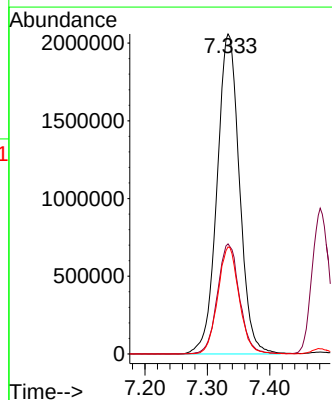
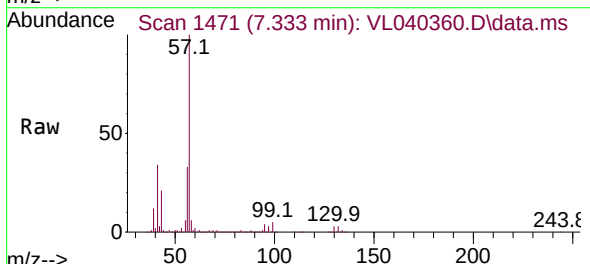
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC015

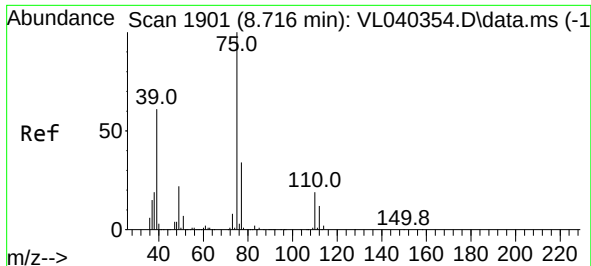
Tgt Ion: 69 Resp: 1276587
Ion Ratio Lower Upper
69 100
41 145.2 114.3 171.5
100 31.8 24.5 36.7



#44
2,2,4-Trimethylpentane
Concen: 14.544 ppbv
RT: 7.333 min Scan# 1471
Delta R.T. 0.003 min
Lab File: VL040360.D
Acq: 13 Apr 2023 14:00

Tgt Ion: 57 Resp: 5131580
Ion Ratio Lower Upper
57 100
41 33.8 26.9 40.3
56 32.1 25.1 37.7

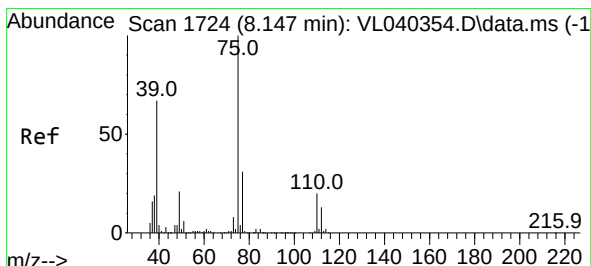
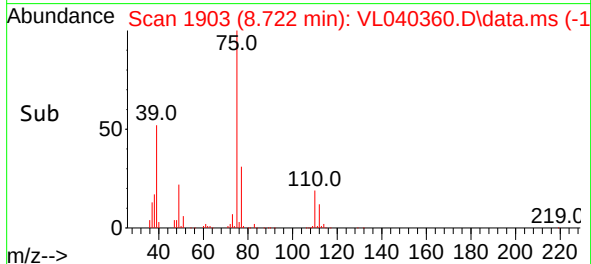
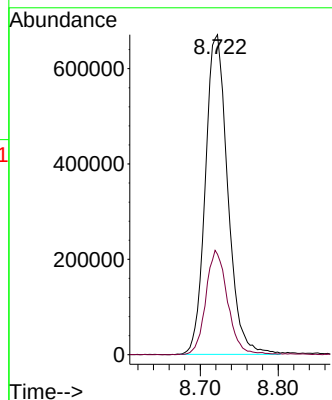
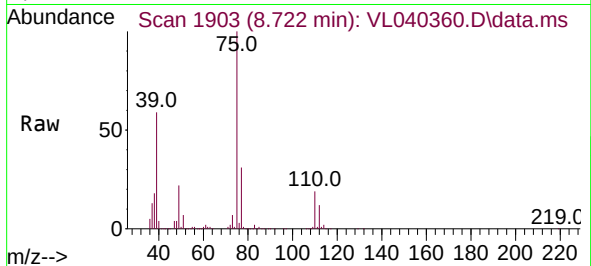




#45
 t-1,3-Dichloropropene
 Concen: 19.082 ppbv
 RT: 8.722 min Scan# 1903
 Delta R.T. 0.006 min
 Lab File: VL040360.D
 Acq: 13 Apr 2023 14:00

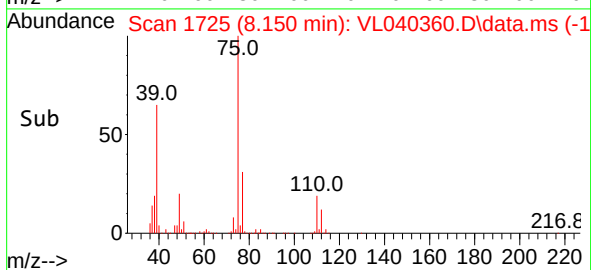
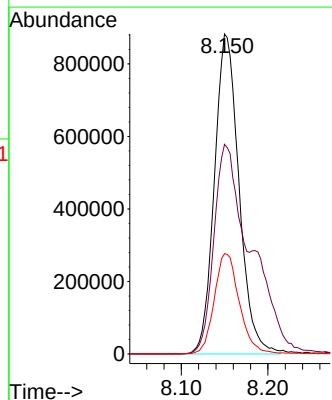
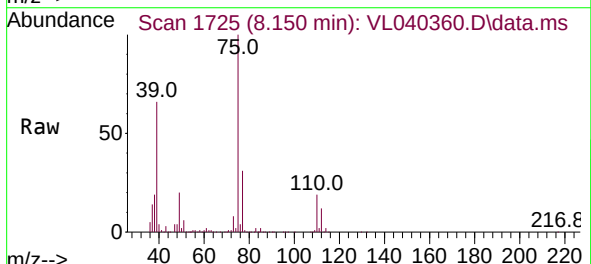
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC015

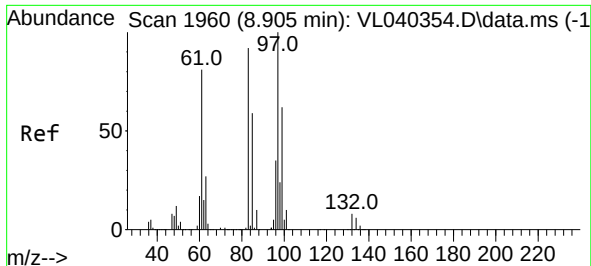
Tgt Ion: 75 Resp: 1337265
 Ion Ratio Lower Upper
 75 100
 77 31.4 26.8 40.2



#46
 cis-1,3-Dichloropropene
 Concen: 17.826 ppbv
 RT: 8.150 min Scan# 1725
 Delta R.T. 0.003 min
 Lab File: VL040360.D
 Acq: 13 Apr 2023 14:00

Tgt Ion: 75 Resp: 1738791
 Ion Ratio Lower Upper
 75 100
 39 65.5 53.4 80.2
 77 31.4 24.7 37.1



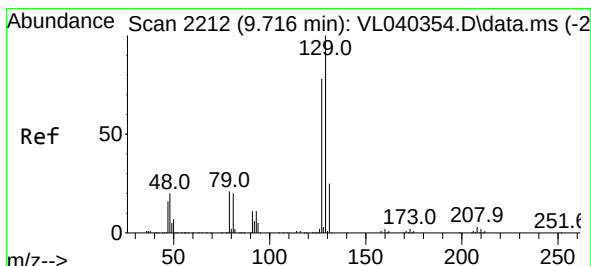
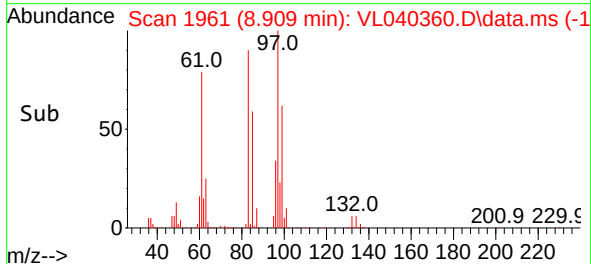
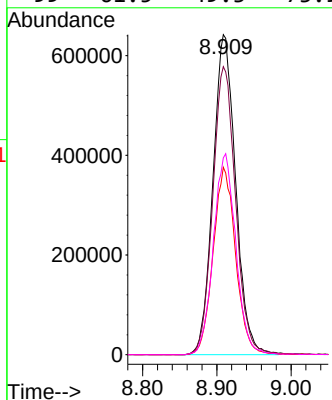
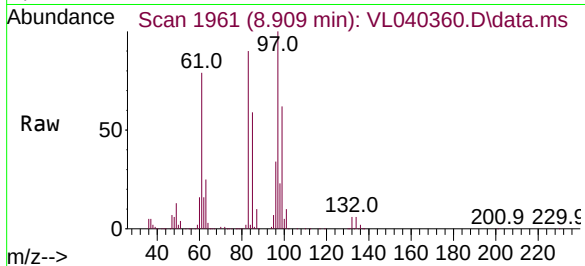


#47
1,1,2-Trichloroethane
Concen: 14.955 ppbv
RT: 8.909 min Scan# 1960
Delta R.T. 0.003 min
Lab File: VL040360.D
Acq: 13 Apr 2023 14:00

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

Tgt Ion: 97 Resp: 1362836

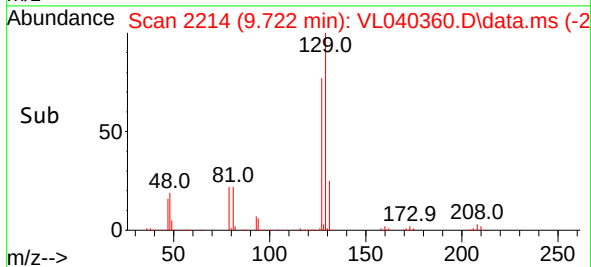
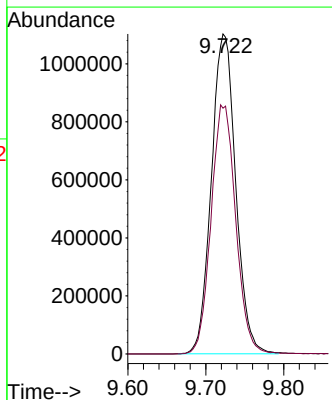
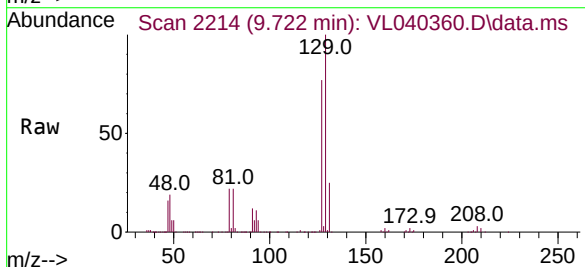
Ion	Ratio	Lower	Upper
97	100		
83	90.0	73.3	109.9
85	58.5	46.9	70.3
99	61.5	49.3	73.9

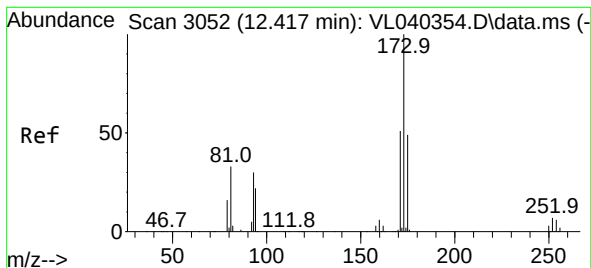


#48
Dibromochloromethane
Concen: 16.327 ppbv
RT: 9.722 min Scan# 2214
Delta R.T. 0.006 min
Lab File: VL040360.D
Acq: 13 Apr 2023 14:00

Tgt Ion: 129 Resp: 2396102

Ion	Ratio	Lower	Upper
129	100		
127	79.2	39.2	117.6





#49

Bromoform

Concen: 17.263 ppbv

RT: 12.423 min Scan# 3052

Delta R.T. 0.006 min

Lab File: VL040360.D

Acq: 13 Apr 2023 14:00

Instrument :

MSVOA_1

ClientSampleId :

VSTDIC015

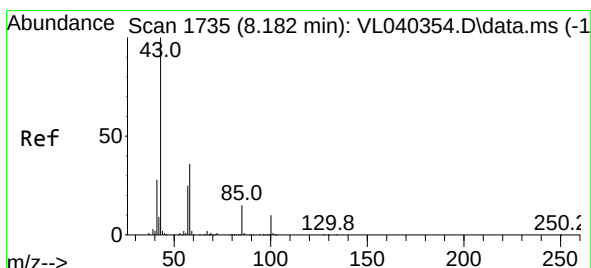
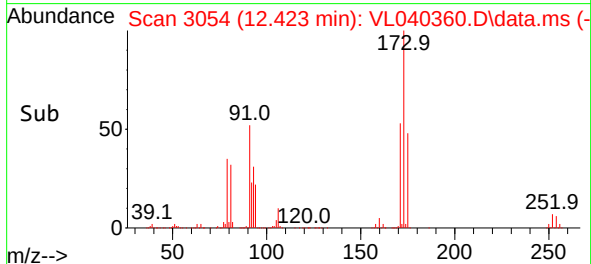
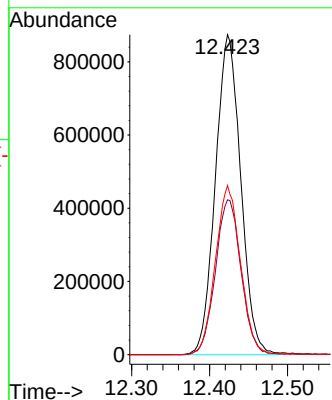
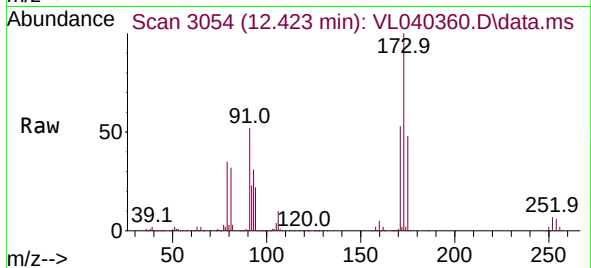
Tgt Ion:173 Resp: 1976058

Ion Ratio Lower Upper

173 100

175 49.2 39.8 59.8

171 52.6 42.2 63.2



#50

4-Methyl-2-Pentanone

Concen: 15.563 ppbv

RT: 8.188 min Scan# 1737

Delta R.T. 0.006 min

Lab File: VL040360.D

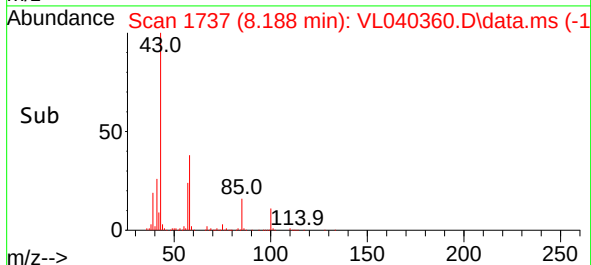
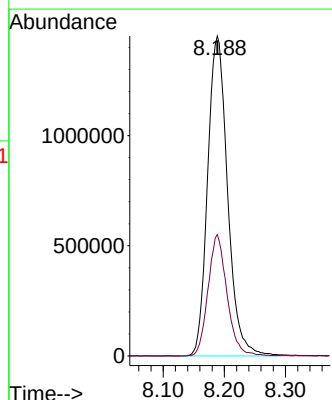
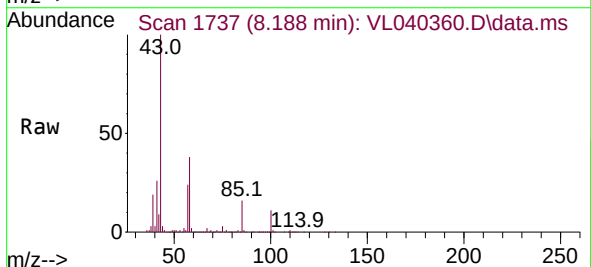
Acq: 13 Apr 2023 14:00

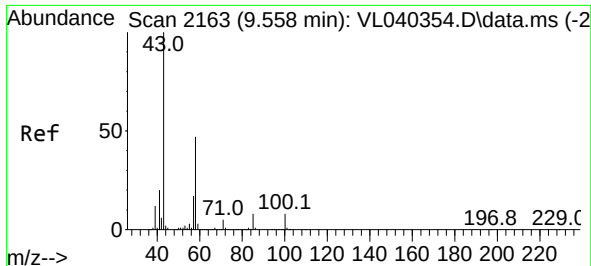
Tgt Ion: 43 Resp: 3294316

Ion Ratio Lower Upper

43 100

58 36.1 28.6 43.0

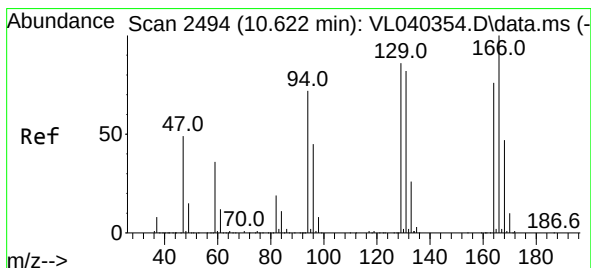
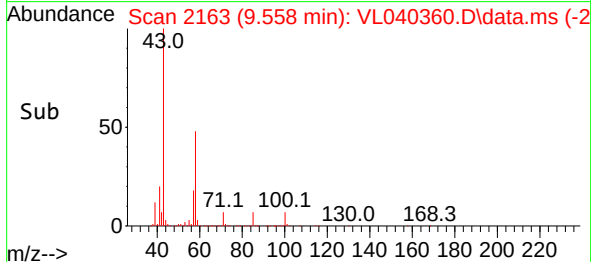
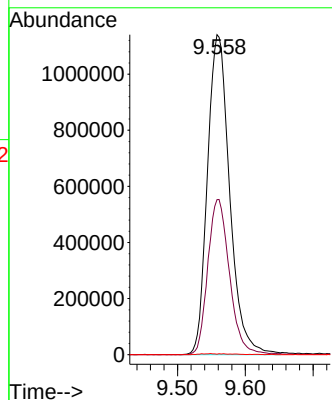
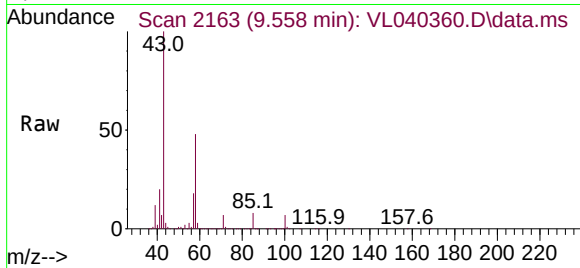




#51
2-Hexanone
Concen: 16.605 ppbv
RT: 9.558 min Scan# 2163
Delta R.T. -0.000 min
Lab File: VL040360.D
Acq: 13 Apr 2023 14:00

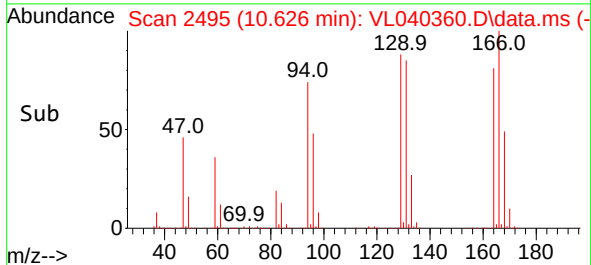
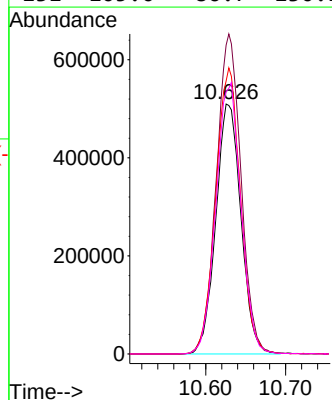
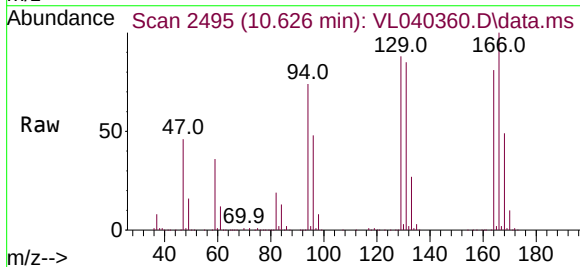
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

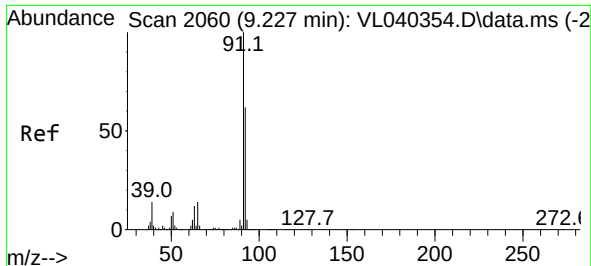
Tgt Ion: 43 Resp: 2597338
Ion Ratio Lower Upper
43 100
58 47.6 38.3 57.5
98 0.5 0.4 0.6



#52
Tetrachloroethene
Concen: 16.818 ppbv
RT: 10.626 min Scan# 2495
Delta R.T. 0.003 min
Lab File: VL040360.D
Acq: 13 Apr 2023 14:00

Tgt Ion: 164 Resp: 1111199
Ion Ratio Lower Upper
164 100
166 123.5 105.2 157.8
129 109.2 90.3 135.5
131 105.0 86.7 130.1

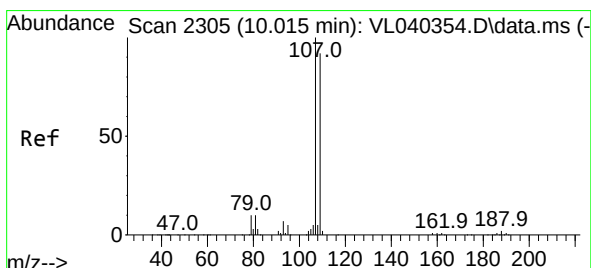
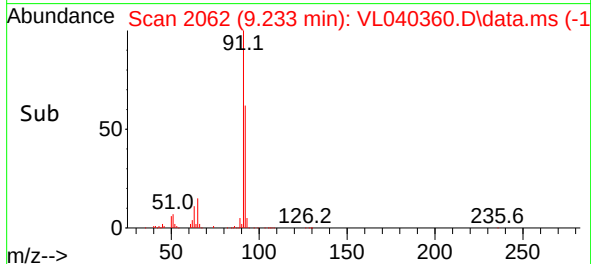
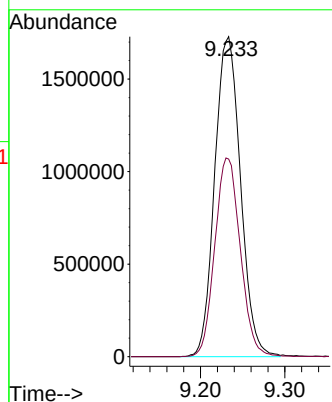
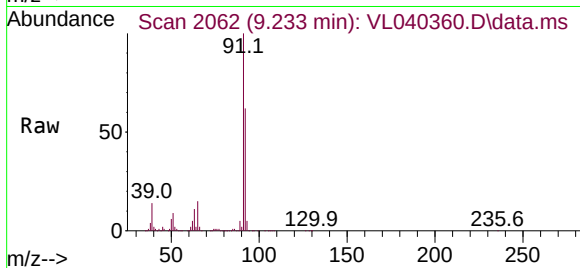




#53
Toluene
Concen: 16.419 ppbv
RT: 9.233 min Scan# 2062
Delta R.T. 0.006 min
Lab File: VL040360.D
Acq: 13 Apr 2023 14:00

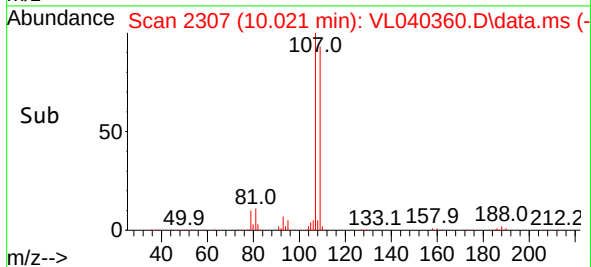
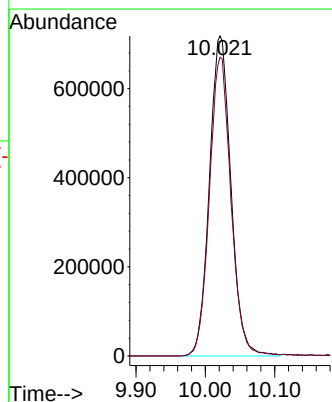
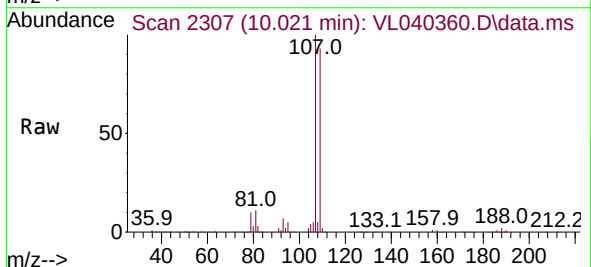
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

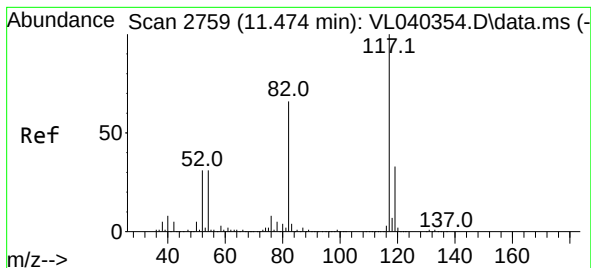
Tgt Ion: 91 Resp: 3677006
Ion Ratio Lower Upper
91 100
92 61.5 48.9 73.3



#54
1,2-Dibromoethane
Concen: 16.735 ppbv
RT: 10.021 min Scan# 2307
Delta R.T. 0.006 min
Lab File: VL040360.D
Acq: 13 Apr 2023 14:00

Tgt Ion: 107 Resp: 1546159
Ion Ratio Lower Upper
107 100
109 93.3 73.6 110.4

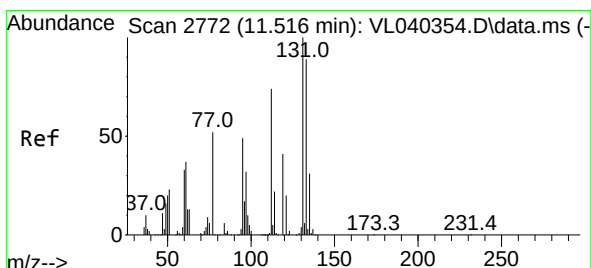
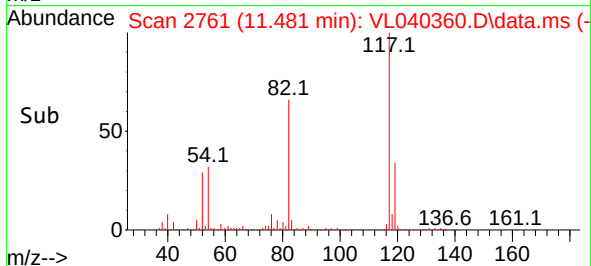
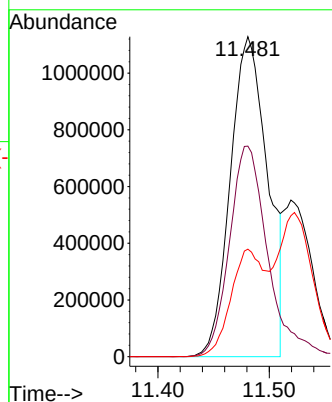
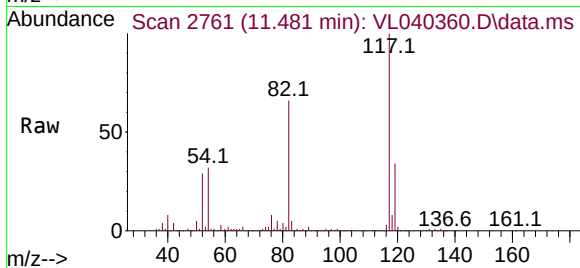




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.481 min Scan# 2759
Delta R.T. 0.006 min
Lab File: VL040360.D
Acq: 13 Apr 2023 14:00

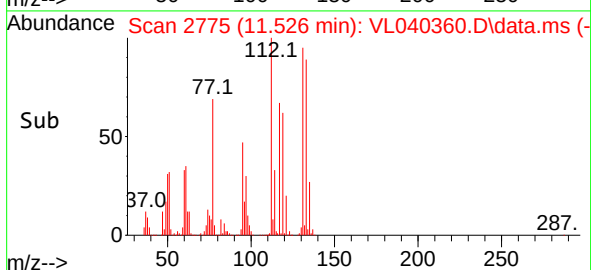
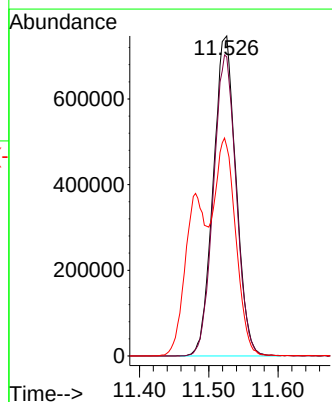
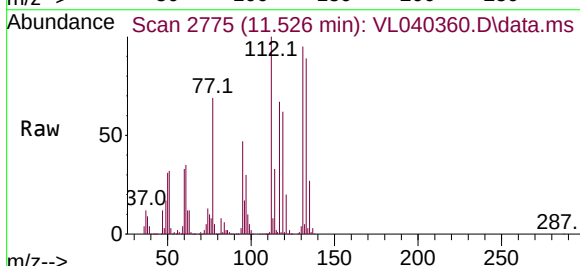
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC015

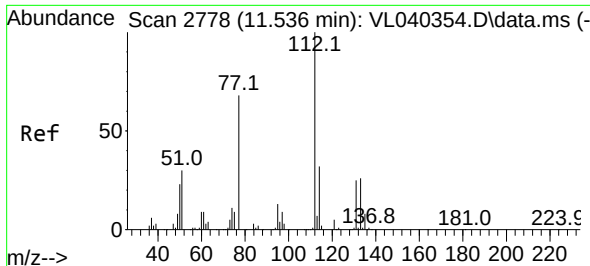
Tgt Ion:117 Resp: 2626182
Ion Ratio Lower Upper
117 100
82 68.3 52.5 78.7
119 31.1 24.3 36.5



#56
1,1,1,2-Tetrachloroethane
Concen: 14.231 ppbv
RT: 11.526 min Scan# 2775
Delta R.T. 0.010 min
Lab File: VL040360.D
Acq: 13 Apr 2023 14:00

Tgt Ion:131 Resp: 1705841
Ion Ratio Lower Upper
131 100
133 94.5 75.3 112.9
119 71.7 53.9 80.9

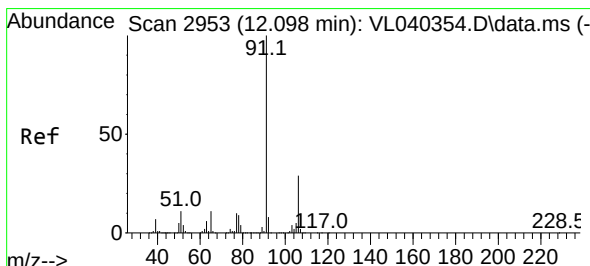
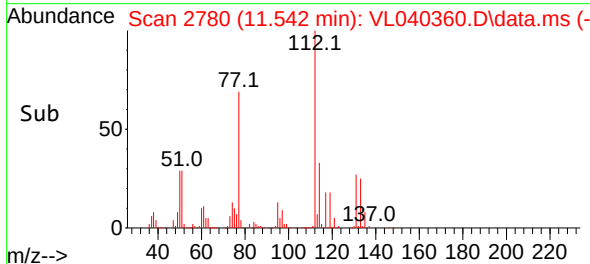
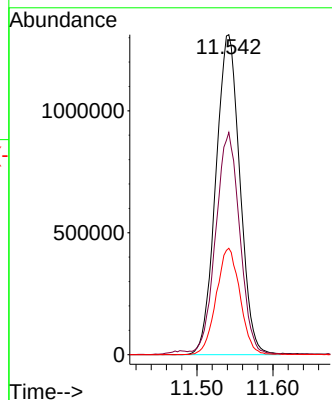
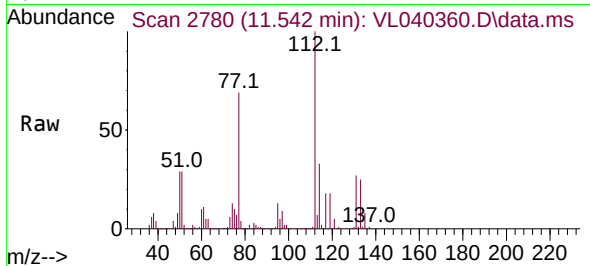




#57
Chlorobenzene
Concen: 14.042 ppbv
RT: 11.542 min Scan# 21
Delta R.T. 0.006 min
Lab File: VL040360.D
Acq: 13 Apr 2023 14:00

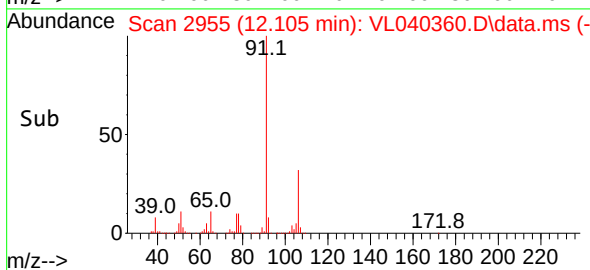
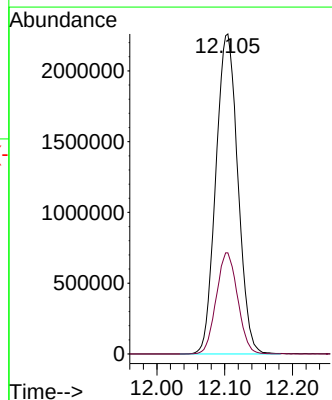
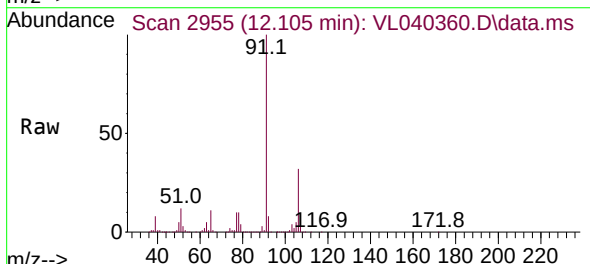
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

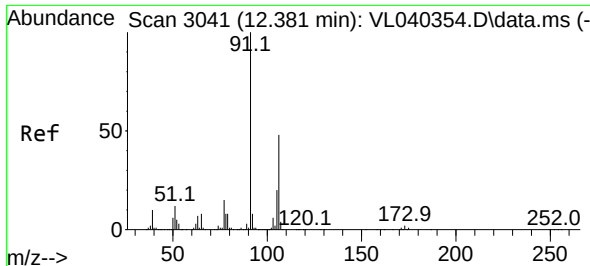
Tgt Ion:112 Resp: 2887379
Ion Ratio Lower Upper
112 100
77 69.1 55.8 83.8
114 33.2 29.1 35.5



#58
Ethyl Benzene
Concen: 15.763 ppbv
RT: 12.105 min Scan# 2955
Delta R.T. 0.006 min
Lab File: VL040360.D
Acq: 13 Apr 2023 14:00

Tgt Ion: 91 Resp: 5092427
Ion Ratio Lower Upper
91 100
106 31.6 23.5 35.3





#59

m/p-Xylene

Concen: 15.538 ppbv

RT: 12.388 min Scan# 3041

Delta R.T. 0.006 min

Lab File: VL040360.D

Acq: 13 Apr 2023 14:00

Instrument :

MSVOA_1

ClientSampleId :

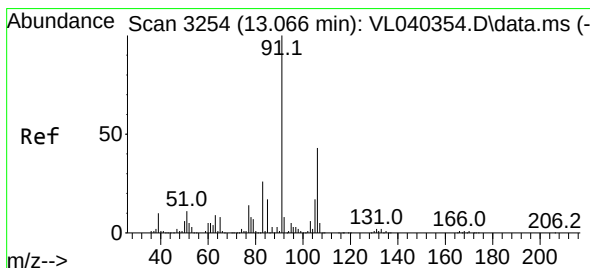
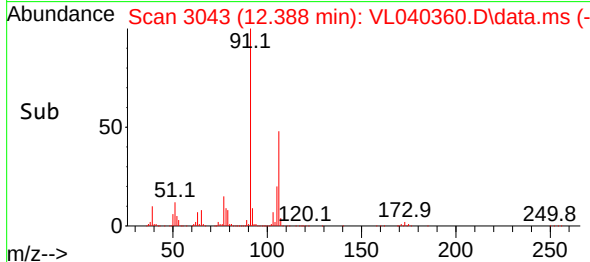
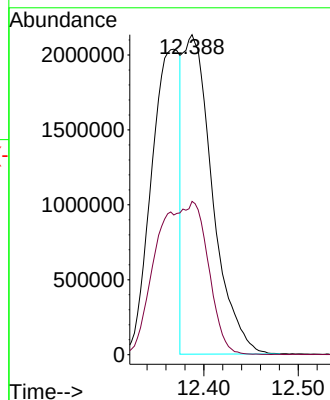
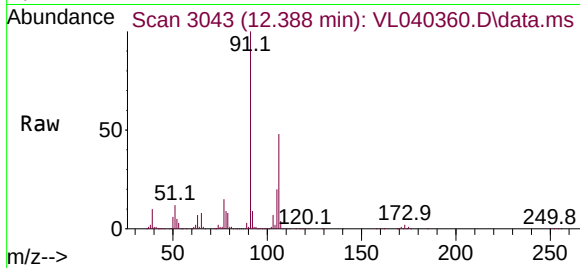
VSTDIC015

Tgt Ion: 91 Resp: 4616057

Ion Ratio Lower Upper

91 100

106 84.3 34.7 52.1#



#60

o-Xylene

Concen: 15.102 ppbv

RT: 13.072 min Scan# 3256

Delta R.T. 0.006 min

Lab File: VL040360.D

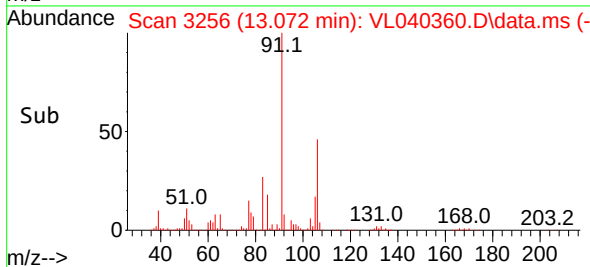
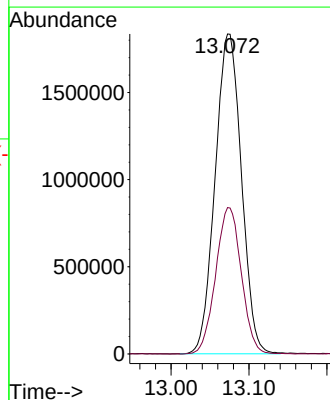
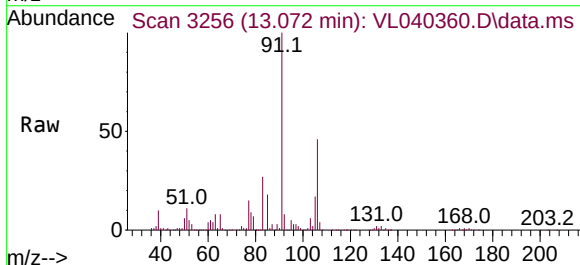
Acq: 13 Apr 2023 14:00

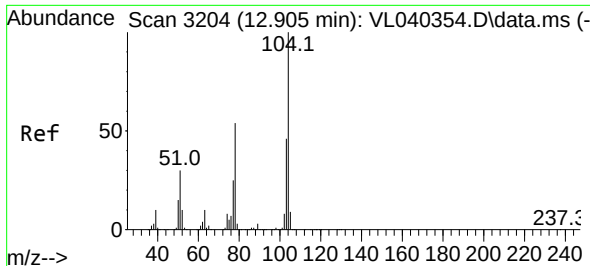
Tgt Ion: 91 Resp: 4305898

Ion Ratio Lower Upper

91 100

106 44.6 21.9 65.8





#61

Styrene

Concen: 17.677 ppbv

RT: 12.912 min Scan# 31

Delta R.T. 0.006 min

Lab File: VL040360.D

Acq: 13 Apr 2023 14:00

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC015

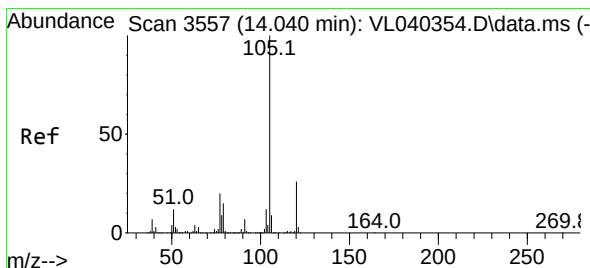
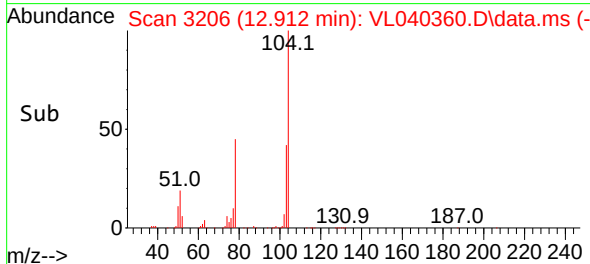
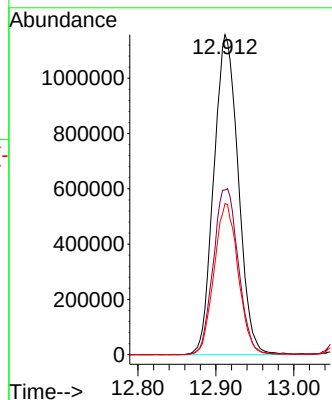
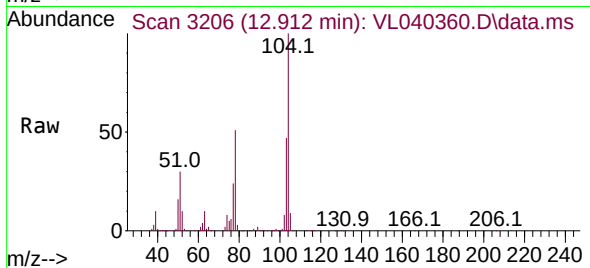
Tgt Ion:104 Resp: 2524744

Ion Ratio Lower Upper

104 100

78 53.4 43.4 65.0

103 46.8 37.0 55.4



#62

Isopropylbenzene

Concen: 14.577 ppbv

RT: 14.043 min Scan# 3558

Delta R.T. 0.003 min

Lab File: VL040360.D

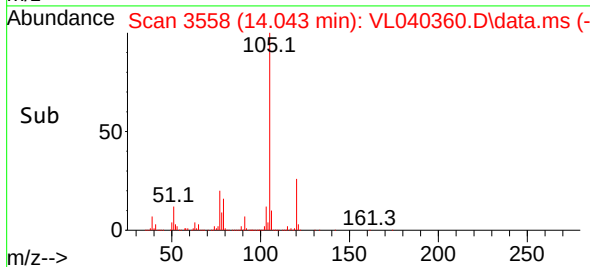
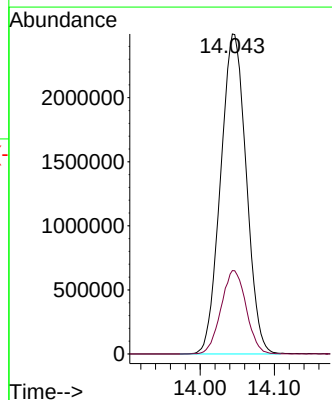
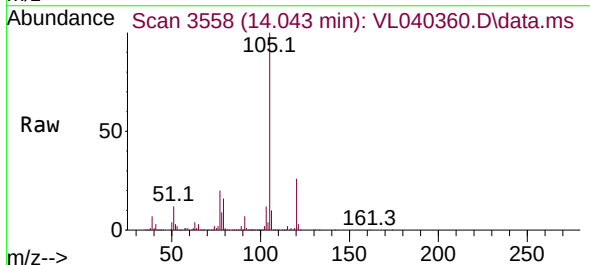
Acq: 13 Apr 2023 14:00

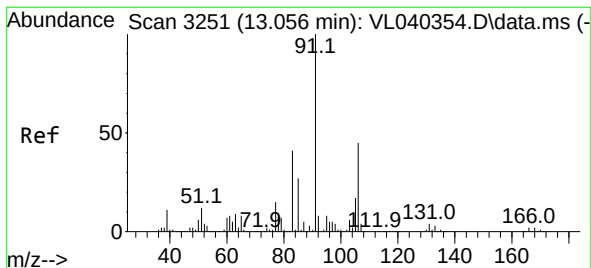
Tgt Ion:105 Resp: 5985367

Ion Ratio Lower Upper

105 100

120 25.5 19.9 29.9





#63

1,1,2,2-Tetrachloroethane

Concen: 12.918 ppbv

RT: 13.063 min Scan# 31

Delta R.T. 0.006 min

Lab File: VL040360.D

Acq: 13 Apr 2023 14:00

Instrument :

MSVOA_1

ClientSampleId :

VSTDIC015

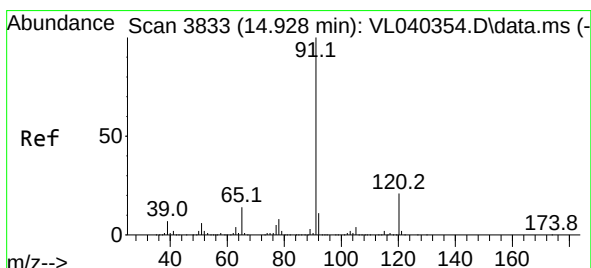
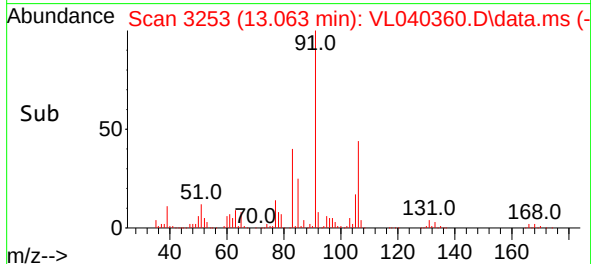
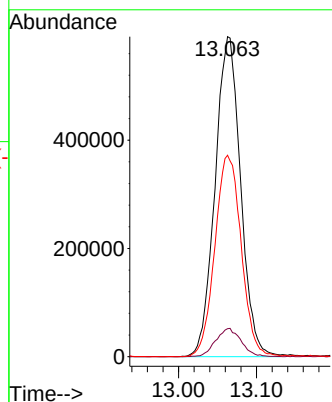
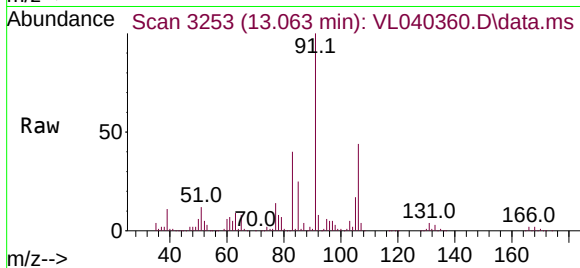
Tgt Ion: 83 Resp: 1347940

Ion Ratio Lower Upper

83 100

131 8.8 4.3 13.1

85 65.5 32.9 98.6



#64

n-propylbenzene

Concen: 15.426 ppbv

RT: 14.931 min Scan# 3834

Delta R.T. 0.003 min

Lab File: VL040360.D

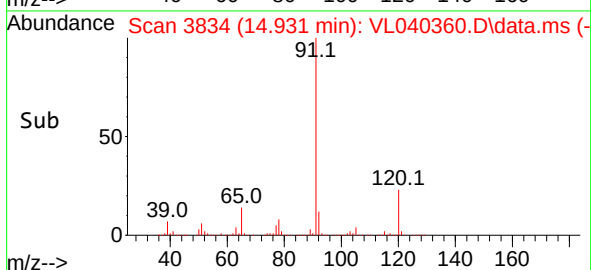
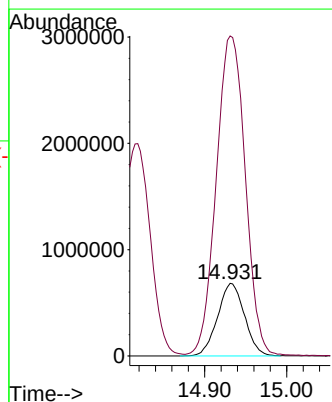
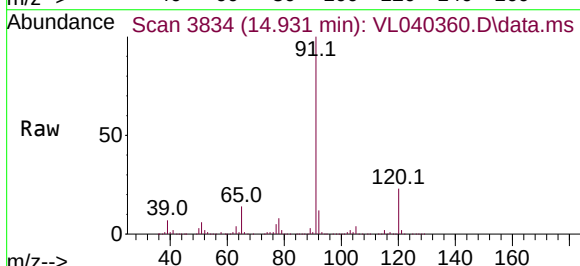
Acq: 13 Apr 2023 14:00

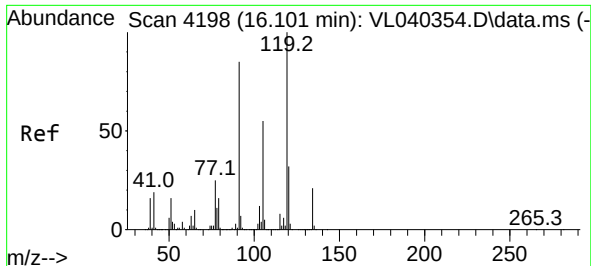
Tgt Ion:120 Resp: 1558591

Ion Ratio Lower Upper

120 100

91 477.2 397.4 596.0

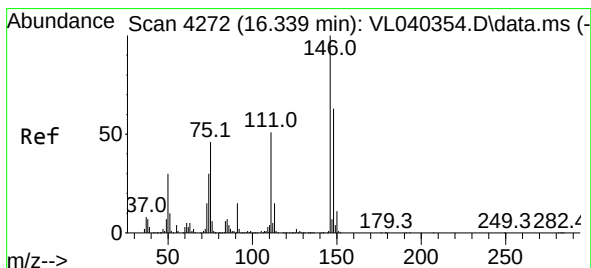
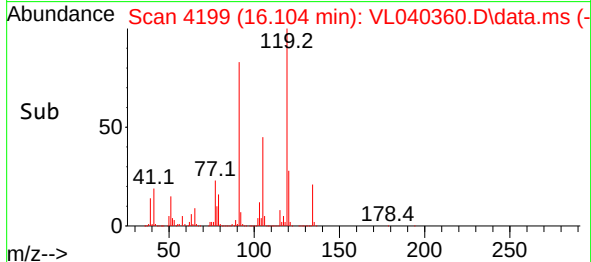
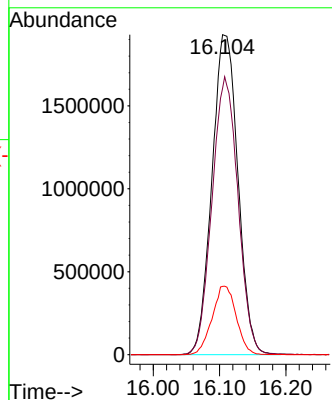
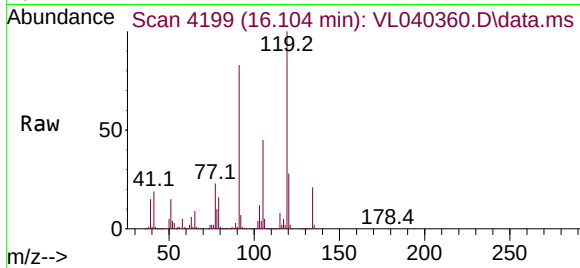




#65
tert-Butylbenzene
Concen: 14.535 ppbv
RT: 16.104 min Scan# 4199
Delta R.T. 0.003 min
Lab File: VL040360.D
Acq: 13 Apr 2023 14:00

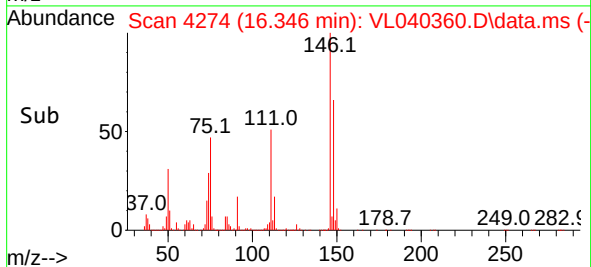
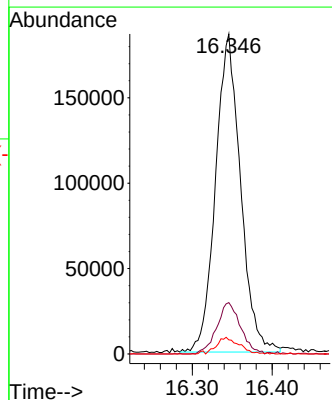
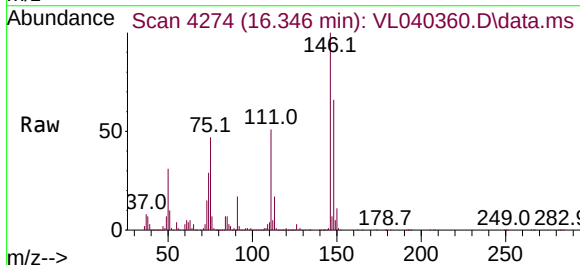
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

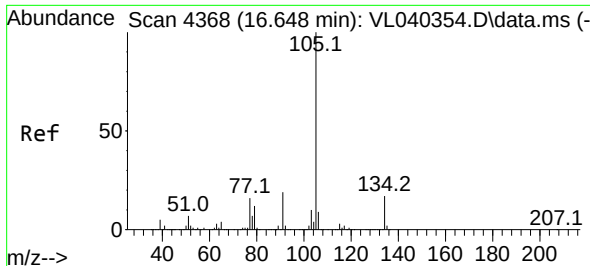
Tgt Ion:119 Resp: 5250919
Ion Ratio Lower Upper
119 100
91 86.7 70.1 105.1
134 19.9 15.6 23.4



#66
Benzyl Chloride
Concen: 18.034 ppbv
RT: 16.346 min Scan# 4274
Delta R.T. 0.006 min
Lab File: VL040360.D
Acq: 13 Apr 2023 14:00

Tgt Ion: 91 Resp: 403370
Ion Ratio Lower Upper
91 100
126 15.6 12.3 18.5
128 4.9 4.1 6.1

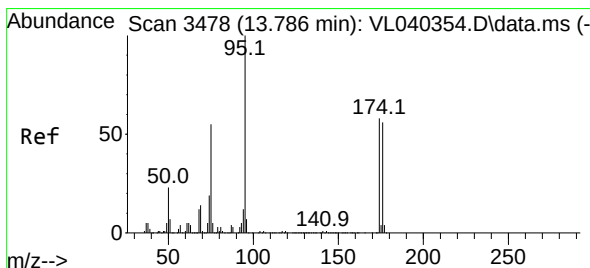
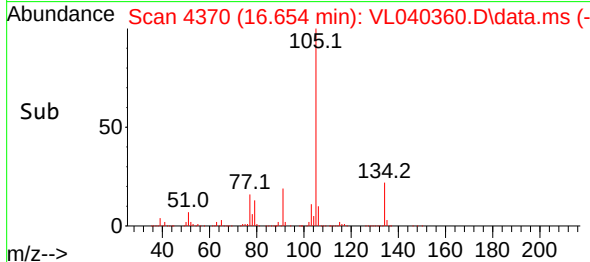
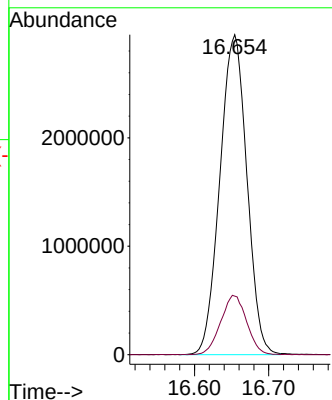
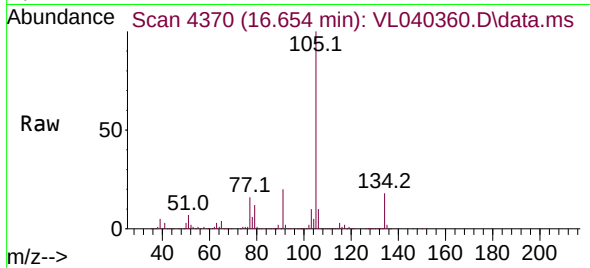




#67
 sec-Butylbenzene
 Concen: 14.366 ppbv
 RT: 16.654 min Scan# 41
 Delta R.T. 0.006 min
 Lab File: VL040360.D
 Acq: 13 Apr 2023 14:00

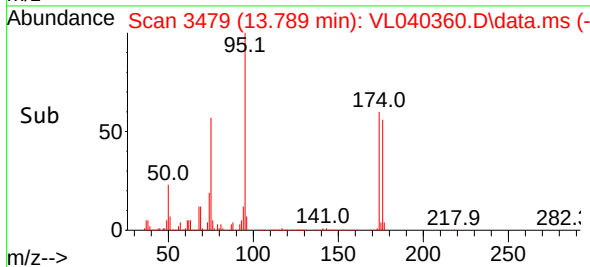
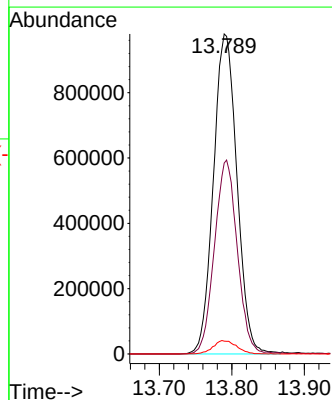
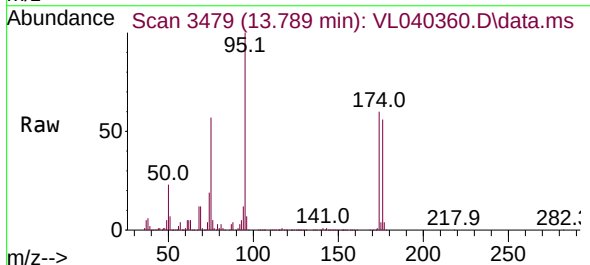
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC015

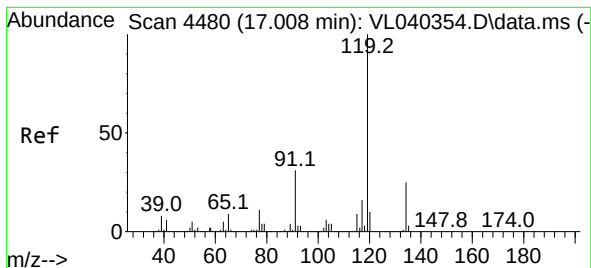
Tgt Ion:105 Resp: 7454784
 Ion Ratio Lower Upper
 105 100
 134 17.9 13.8 20.6



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.173 ppbv
 RT: 13.789 min Scan# 3479
 Delta R.T. 0.003 min
 Lab File: VL040360.D
 Acq: 13 Apr 2023 14:00

Tgt Ion: 95 Resp: 2209147
 Ion Ratio Lower Upper
 95 100
 174 59.2 47.2 70.8
 175 4.2 3.5 5.3





#69

p-Isopropyltoluene

Concen: 14.838 ppbv

RT: 17.011 min Scan# 4480

Delta R.T. 0.003 min

Lab File: VL040360.D

Acq: 13 Apr 2023 14:00

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC015

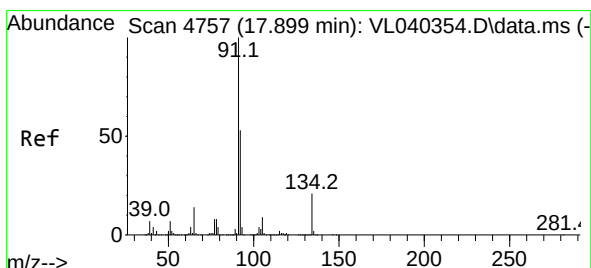
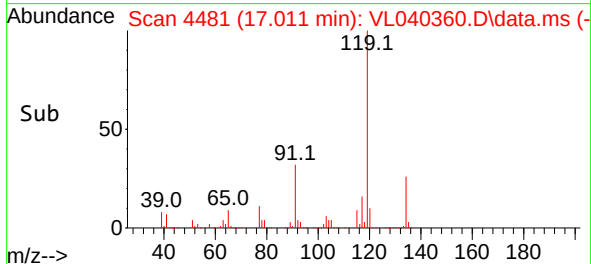
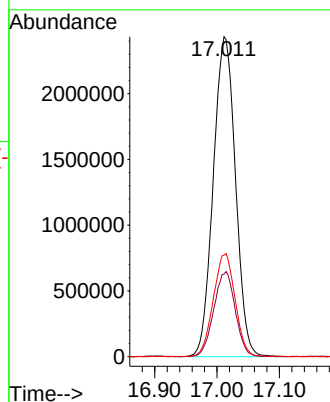
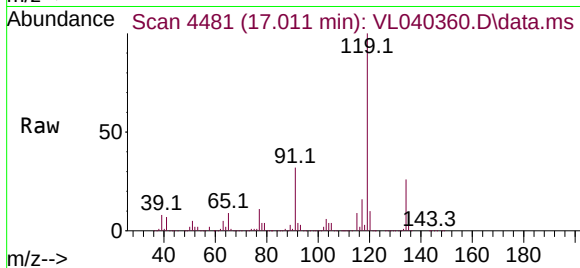
Tgt Ion:119 Resp: 6011882

Ion Ratio Lower Upper

119 100

134 25.8 20.2 30.4

91 31.7 25.7 38.5



#70

n-Butylbenzene

Concen: 14.609 ppbv

RT: 17.902 min Scan# 4758

Delta R.T. 0.003 min

Lab File: VL040360.D

Acq: 13 Apr 2023 14:00

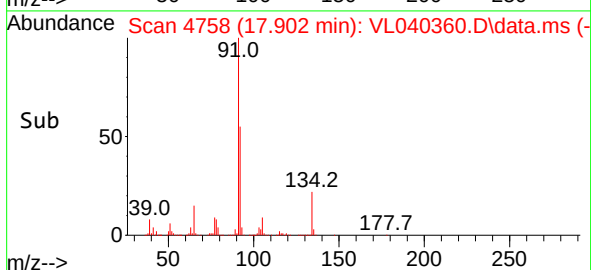
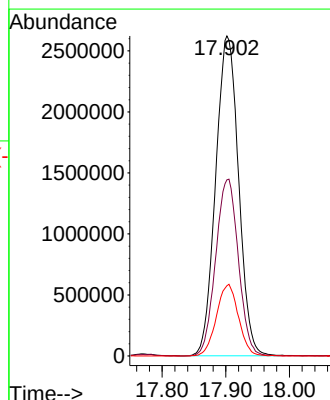
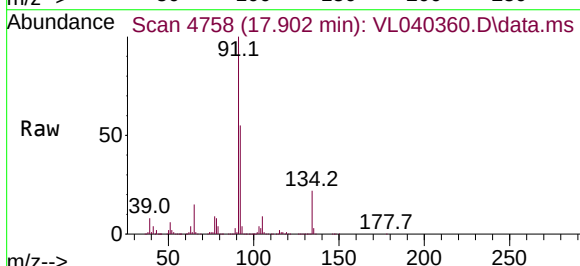
Tgt Ion: 91 Resp: 6561883

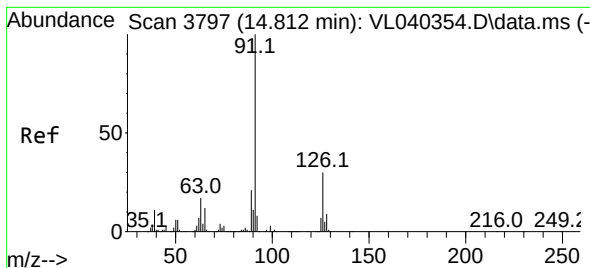
Ion Ratio Lower Upper

91 100

92 54.8 43.0 64.4

134 21.6 16.6 25.0

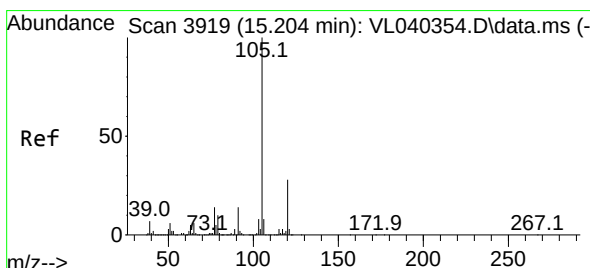
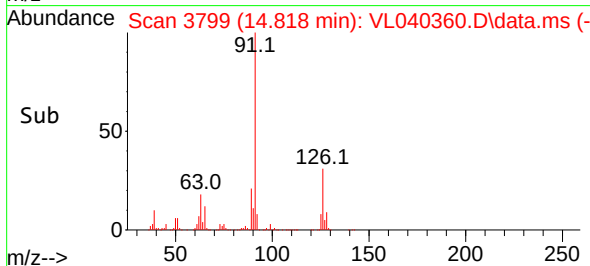
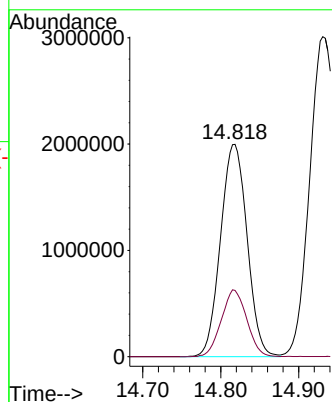
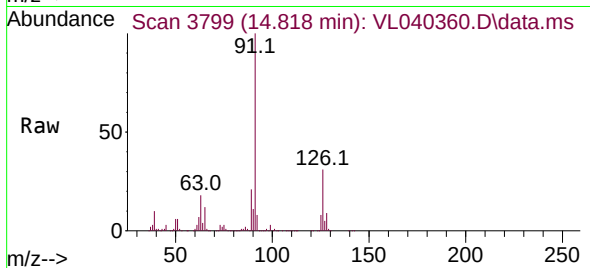




#71
2-Chlorotoluene
Concen: 15.017 ppbv
RT: 14.818 min Scan# 31
Delta R.T. 0.006 min
Lab File: VL040360.D
Acq: 13 Apr 2023 14:00

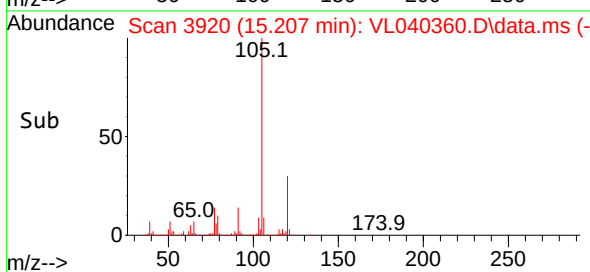
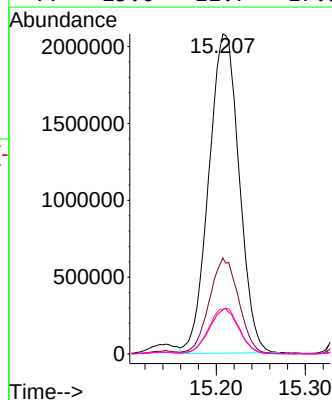
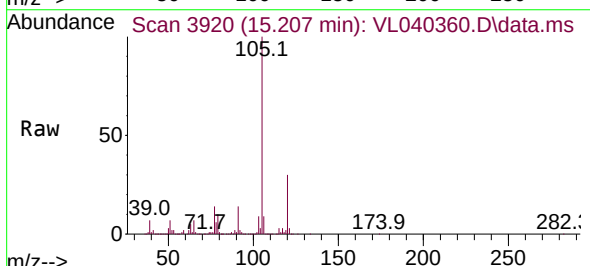
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC015

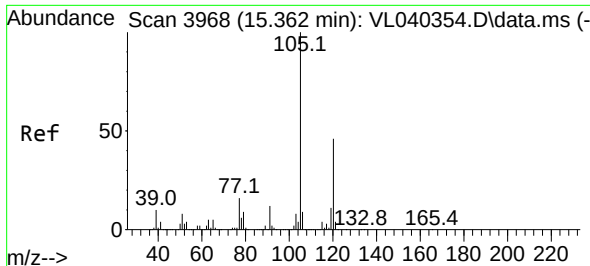
Tgt Ion: 91 Resp: 4733976
Ion Ratio Lower Upper
91 100
126 30.2 11.8 47.4



#72
4-Ethyltoluene
Concen: 15.642 ppbv
RT: 15.207 min Scan# 3920
Delta R.T. 0.003 min
Lab File: VL040360.D
Acq: 13 Apr 2023 14:00

Tgt Ion: 105 Resp: 4923605
Ion Ratio Lower Upper
105 100
120 30.0 23.0 34.6
91 13.8 11.3 16.9
77 15.0 11.7 17.5

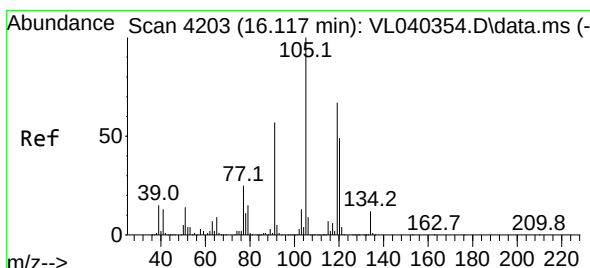
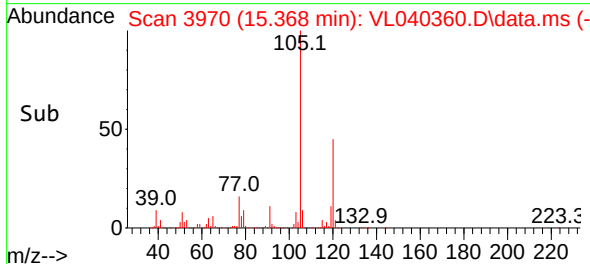
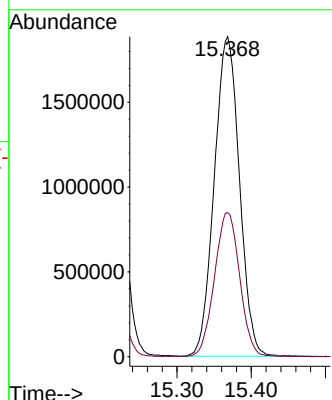
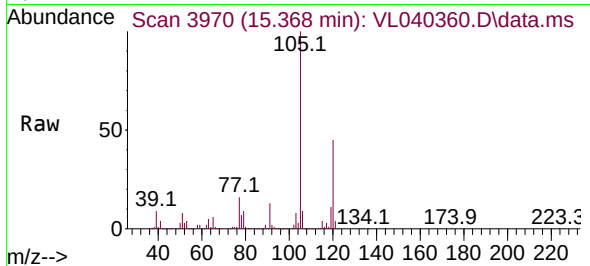




#73
 1,3,5-Trimethylbenzene
 Concen: 15.220 ppbv
 RT: 15.368 min Scan# 3968
 Delta R.T. 0.006 min
 Lab File: VL040360.D
 Acq: 13 Apr 2023 14:00

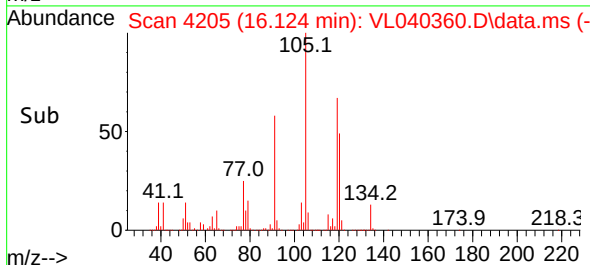
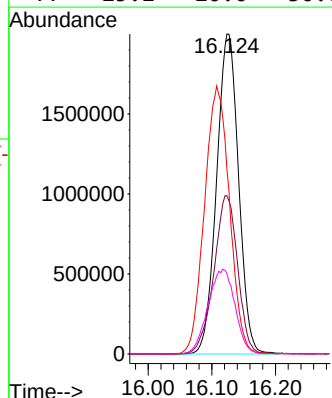
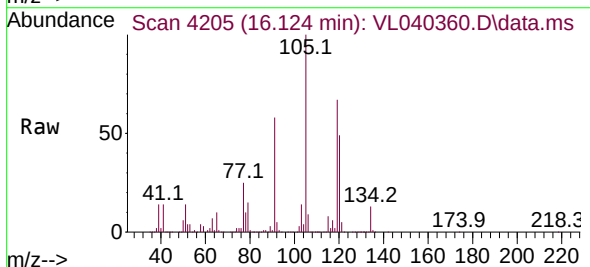
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDIC015

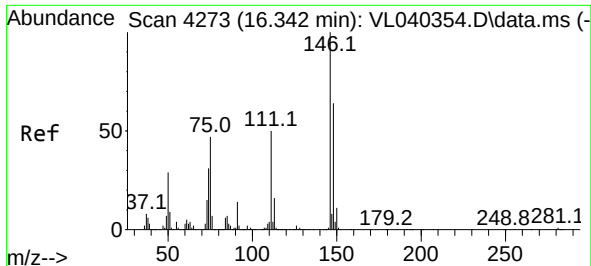
Tgt Ion:105 Resp: 4425441
 Ion Ratio Lower Upper
 105 100
 120 45.0 36.9 55.3



#74
 1,2,4-Trimethylbenzene
 Concen: 14.433 ppbv
 RT: 16.124 min Scan# 4205
 Delta R.T. 0.006 min
 Lab File: VL040360.D
 Acq: 13 Apr 2023 14:00

Tgt Ion:105 Resp: 4796498
 Ion Ratio Lower Upper
 105 100
 120 49.4 38.9 58.3
 91 57.6 46.0 69.0
 77 25.2 20.0 30.0

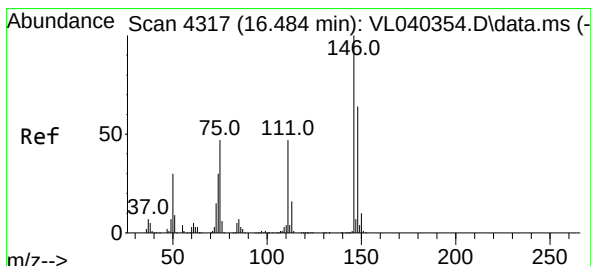
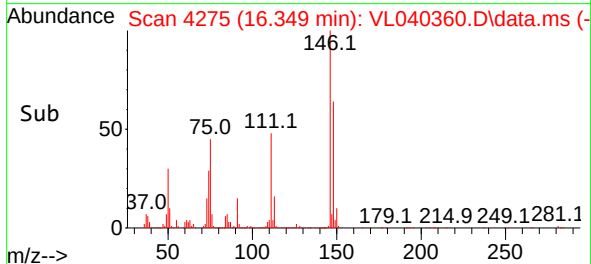
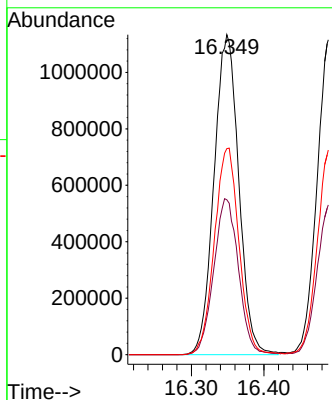
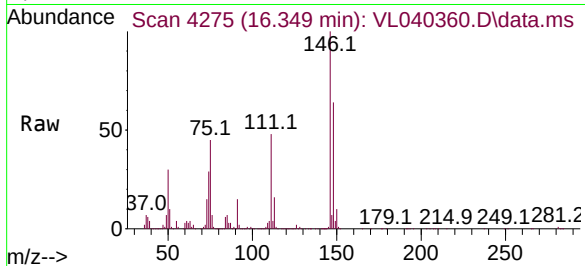




#75
1,3-Dichlorobenzene
Concen: 14.754 ppbv
RT: 16.349 min Scan# 431
Delta R.T. 0.006 min
Lab File: VL040360.D
Acq: 13 Apr 2023 14:00

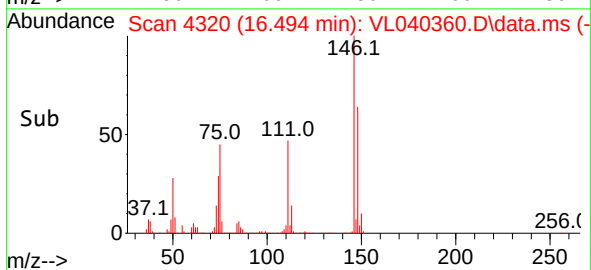
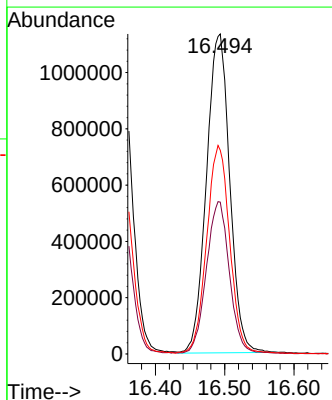
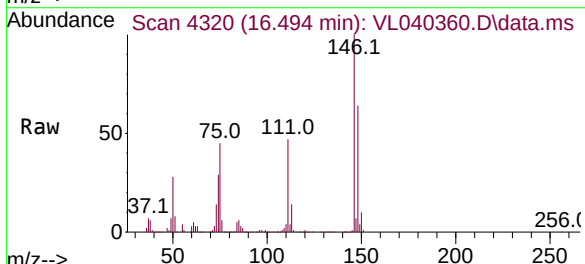
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

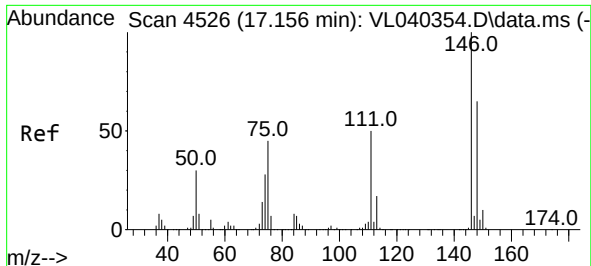
Tgt Ion:146 Resp: 2685525
Ion Ratio Lower Upper
146 100
111 48.8 24.6 74.0
148 64.2 32.1 96.3



#76
1,4-Dichlorobenzene
Concen: 14.737 ppbv
RT: 16.494 min Scan# 4320
Delta R.T. 0.010 min
Lab File: VL040360.D
Acq: 13 Apr 2023 14:00

Tgt Ion:146 Resp: 2650431
Ion Ratio Lower Upper
146 100
111 47.4 23.8 71.4
148 65.0 32.4 97.2

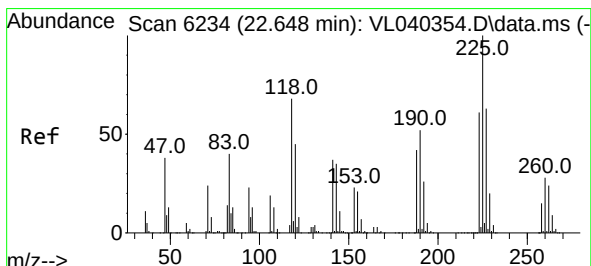
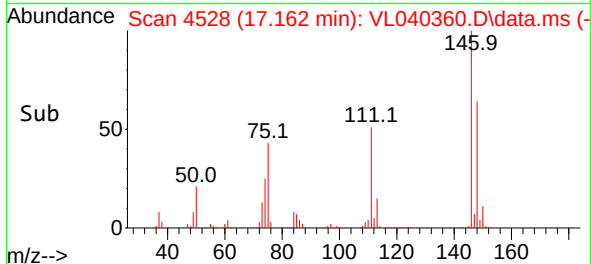
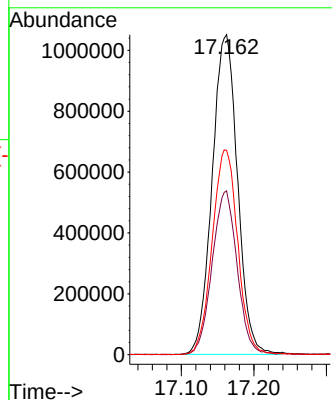
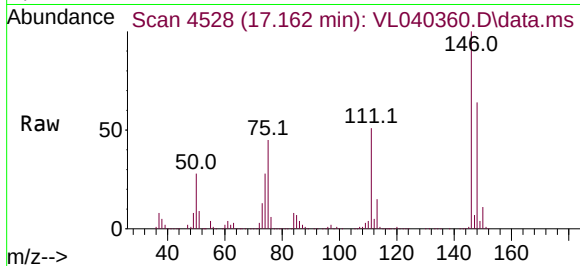




#77
1,2-Dichlorobenzene
Concen: 14.185 ppbv
RT: 17.162 min Scan# 4526
Delta R.T. 0.006 min
Lab File: VL040360.D
Acq: 13 Apr 2023 14:00

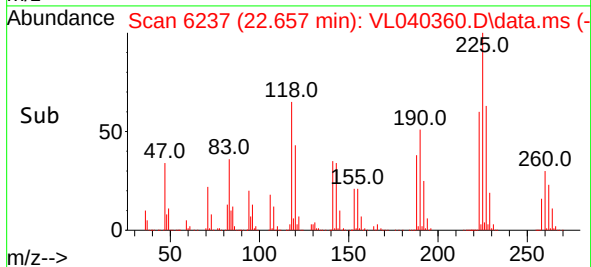
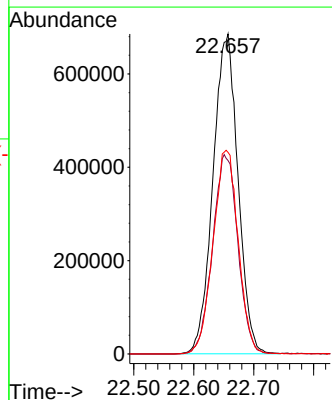
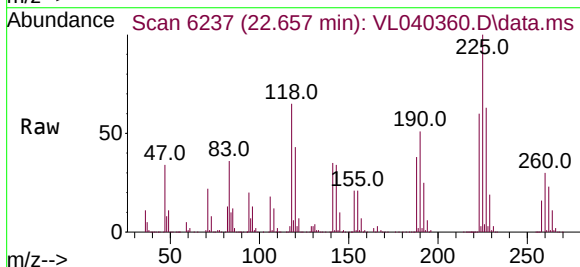
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

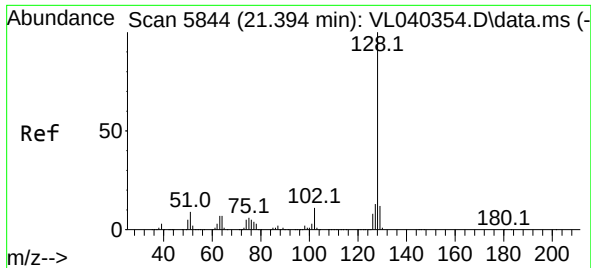
Tgt Ion:146 Resp: 2553129
Ion Ratio Lower Upper
146 100
111 50.6 25.4 76.0
148 64.7 32.0 96.2



#78
Hexachloro-1,3-Butadiene
Concen: 13.746 ppbv
RT: 22.657 min Scan# 6237
Delta R.T. 0.010 min
Lab File: VL040360.D
Acq: 13 Apr 2023 14:00

Tgt Ion:225 Resp: 1983486
Ion Ratio Lower Upper
225 100
223 63.3 50.7 76.1
227 64.2 51.0 76.4

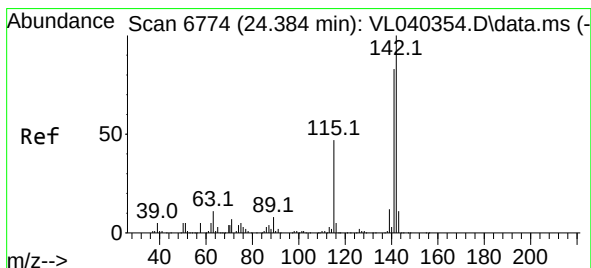
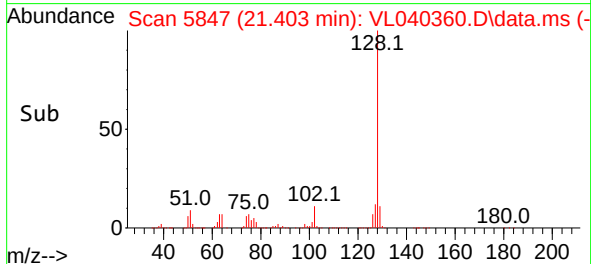
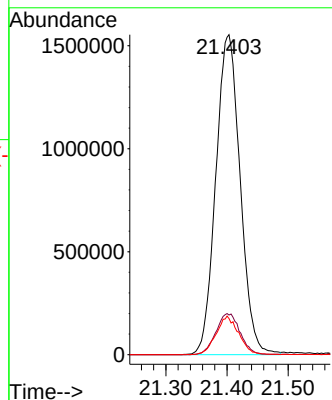
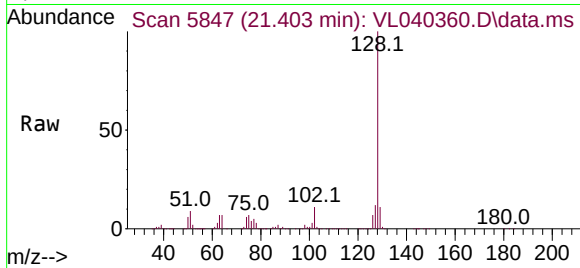




#79
Naphthalene
Concen: 19.170 ppbv
RT: 21.403 min Scan# 5847
Delta R.T. 0.010 min
Lab File: VL040360.D
Acq: 13 Apr 2023 14:00

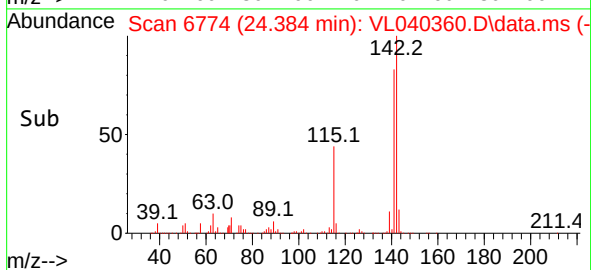
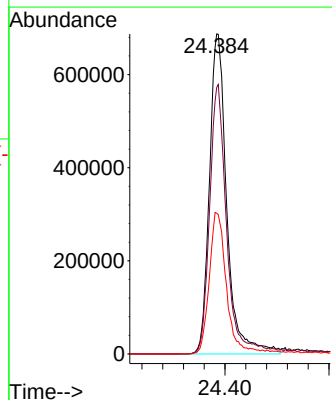
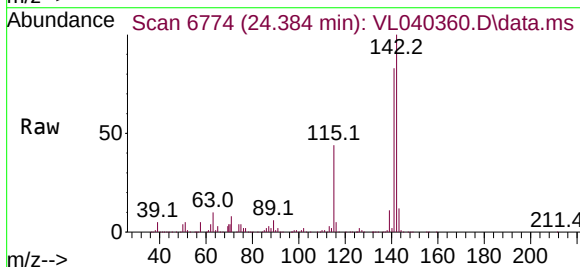
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC015

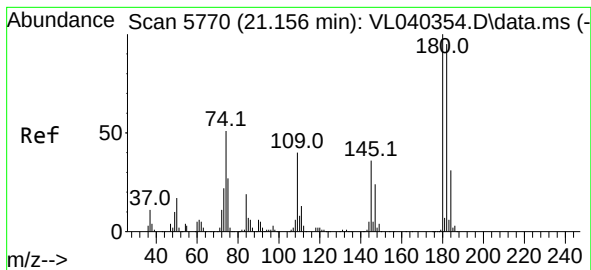
Tgt Ion:128 Resp: 4300318
Ion Ratio Lower Upper
128 100
127 12.4 10.0 15.0
129 11.3 9.4 14.0



#80
Naphthalene,2-methyl-
Concen: 23.894 ppbv
RT: 24.384 min Scan# 6774
Delta R.T. -0.000 min
Lab File: VL040360.D
Acq: 13 Apr 2023 14:00

Tgt Ion:142 Resp: 1595486
Ion Ratio Lower Upper
142 100
141 84.5 65.1 97.7
115 44.9 36.5 54.7





#81
 1,2,4-Trichlorobenzene
 Concen: 16.011 ppbv
 RT: 21.159 min Scan# 51
 Delta R.T. 0.003 min
 Lab File: VL040360.D
 Acq: 13 Apr 2023 14:00

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC015

Tgt Ion:180 Resp: 2207087
 Ion Ratio Lower Upper
 180 100
 182 96.5 77.7 116.5
 184 30.9 24.2 36.2

