

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL111323\
 Data File : VL040841.D
 Acq On : 13 Nov 2023 14:36
 Operator : SY/MD
 Sample : VSTDIC015
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC015

Quant Time: Nov 22 00:32:02 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL111323AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Mon Nov 20 03:50:24 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.192	49	1180537	10.000	ppbv	-0.02
33) 1,4-Difluorobenzene	6.652	114	2954720	10.000	ppbv	-0.01
55) Chlorobenzene-d5	11.452	117	2843385	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.761	95	2262487	10.163	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.600%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.748	85	3072945	12.840	ppbv	99
3) Chlorodifluoromethane	2.694	51	2426885	12.876	ppbv	100
4) Chloromethane	2.829	50	902704	13.318	ppbv	99
5) Vinyl Chloride	2.935	62	928911	13.780	ppbv	99
6) Bromomethane	3.134	94	347725	13.514	ppbv	94
7) Chloroethane	3.208	64	319678	13.696	ppbv	94
8) Dichlorotetrafluoroethane	2.874	85	2249110	13.015	ppbv	99
9) Propene	2.713	41	846320	13.323	ppbv	99
10) Heptane	7.571	43	2108687	13.494	ppbv	99
11) Trichlorofluoromethane	3.571	101	2430963	13.220	ppbv	99
12) 1,1,2-Trichlorotrifluo...	4.073	101	1717577	13.148	ppbv	100
13) Ethanol	3.256	45	159173	12.905	ppbv #	100
14) Bromoethene	3.378	108	714518	13.598	ppbv	98
15) Acetone	3.478	43	1637616	13.025	ppbv	99
16) 1,3-Butadiene	2.999	39	901543	14.173	ppbv	99
17) tert-Butyl alcohol	3.887	59	1482955	13.792	ppbv	99
18) 1,1-Dichloroethene	3.887	96	772608	13.269	ppbv	97
19) Isopropyl Alcohol	3.587	45	1076031	14.221	ppbv	99
20) Methylene Chloride	3.941	84	632785	12.195	ppbv	96
21) Allyl Chloride	4.002	41	1121277	13.935	ppbv	100
22) trans-1,2-Dichloroethene	4.449	96	1029779	15.583	ppbv	94
23) Vinyl Acetate	4.629	43	2455136	15.122	ppbv	100
24) 1,1-Dichloroethane	4.568	63	2063582	14.260	ppbv	99
25) Ethyl Acetate	5.205	43	3541894	13.605	ppbv	99
26) Hexane	5.214	57	1537436	13.343	ppbv	100
27) Carbon Disulfide	4.131	76	2054080	14.059	ppbv	99
28) Methyl tert-Butyl Ether	4.587	73	1461197	14.023	ppbv	100
29) Chloroform	5.276	83	2599394	13.311	ppbv	99
30) Cyclohexane	6.597	84	1326451	13.382	ppbv	100
31) cis-1,2-Dichloroethene	5.079	61	1648979	14.463	ppbv	97
32) 1,1,1-Trichloroethane	5.999	97	2609323	14.322	ppbv	100
34) 2-Butanone	4.787	43	2278603	15.138	ppbv	100
35) Carbon Tetrachloride	6.491	117	2793726	15.411	ppbv	99
36) Benzene	6.366	78	3283937	13.694	ppbv	99
37) 1,2-Dichloroethane	5.806	62	2038957	14.416	ppbv	100
38) Trichloroethene	7.285	130	1289632	13.836	ppbv	98
39) 1,2-Dichloropropane	7.066	63	1303562	13.710	ppbv	98
40) 1,4-Dioxane	7.275	88	528453	14.007	ppbv #	94
41) Tetrahydrofuran	5.552	42	1387318	14.970	ppbv	99
42) Bromodichloromethane	7.243	83	2925406	14.453	ppbv	99
43) Methyl Methacrylate	7.465	69	1379592	15.097	ppbv	99
44) 2,2,4-Trimethylpentane	7.320	57	5386934	13.523	ppbv	99
45) t-1,3-Dichloropropene	8.700	75	934913	17.410	ppbv	99

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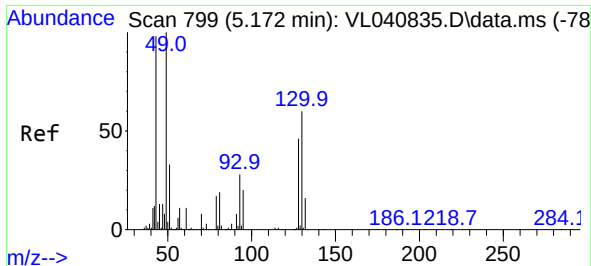
Quant Time: Nov 22 00:32:02 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL111323AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Mon Nov 20 03:50:24 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.131	75	1130024	16.229	ppbv	98
47) 1,1,2-Trichloroethane	8.886	97	1391828	13.970	ppbv	98
48) Dibromochloromethane	9.700	129	2477607	14.987	ppbv	99
49) Bromoform	12.394	173	1956604	15.735	ppbv	99
50) 4-Methyl-2-Pentanone	8.169	43	3467974	14.887	ppbv	100
51) 2-Hexanone	9.539	43	2575144	15.682	ppbv	100
52) Tetrachloroethene	10.603	164	1136448	14.073	ppbv	99
53) Toluene	9.211	91	3765460	14.269	ppbv	100
54) 1,2-Dibromoethane	9.996	107	1929240	15.047	ppbv	99
56) 1,1,1,2-Tetrachloroethane	11.494	131	1744212	14.333	ppbv	99
57) Chlorobenzene	11.513	112	2872882	13.632	ppbv	99
58) Ethyl Benzene	12.076	91	5092254	13.726	ppbv	100
59) m/p-Xylene	12.356	91	4687648	14.838	ppbv #	43
60) o-Xylene	13.047	91	4034965	13.416	ppbv	99
61) Styrene	12.883	104	2190519	15.103	ppbv	100
62) Isopropylbenzene	14.015	105	5923546	13.331	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.031	83	2902261	13.615	ppbv	100
64) n-propylbenzene	14.899	120	1572831	14.124	ppbv	95
65) tert-Butylbenzene	16.073	119	5138060	13.714	ppbv	99
66) Benzyl Chloride	16.310	91	223617	16.198	ppbv #	98
67) sec-Butylbenzene	16.619	105	7157377	13.374	ppbv	99
69) p-Isopropyltoluene	16.979	119	5846564	13.700	ppbv	100
70) n-Butylbenzene	17.870	91	6120870	13.583	ppbv	100
71) 2-Chlorotoluene	14.783	91	4592325	13.558	ppbv	98
72) 4-Ethyltoluene	15.179	105	4680921	14.158	ppbv	99
73) 1,3,5-Trimethylbenzene	15.336	105	4028905	13.779	ppbv	99
74) 1,2,4-Trimethylbenzene	16.092	105	4374664	13.407	ppbv	98
75) 1,3-Dichlorobenzene	16.314	146	2530152	14.043	ppbv	99
76) 1,4-Dichlorobenzene	16.455	146	2477796	14.365	ppbv	99
77) 1,2-Dichlorobenzene	17.127	146	2416800	13.796	ppbv	99
78) Hexachloro-1,3-Butadiene	22.616	225	1367108	12.463	ppbv	99
79) Naphthalene	21.362	128	3045276	18.158	ppbv	99
80) Naphthalene,2-methyl-	24.358	142	519428	17.546	ppbv	96
81) 1,2,4-Trichlorobenzene	21.117	180	1533900	15.045	ppbv	100

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

Quant Time: Nov 22 00:32:02 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL111323AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Mon Nov 20 03:50:24 2023
Response via : Initial Calibration

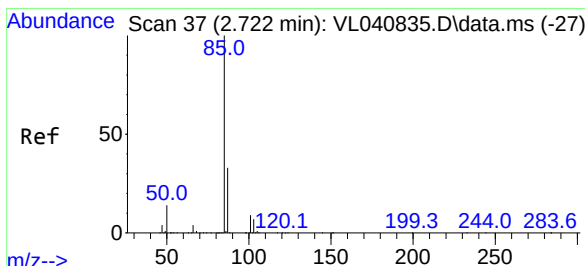
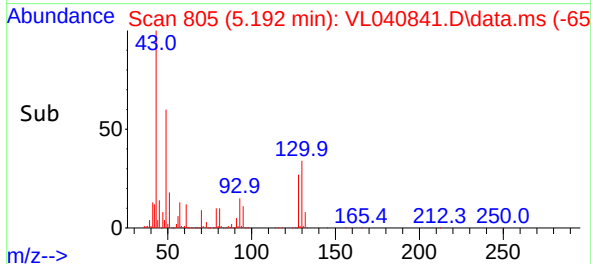
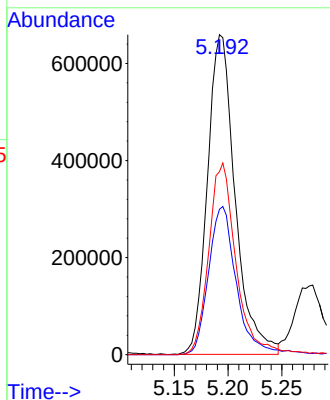
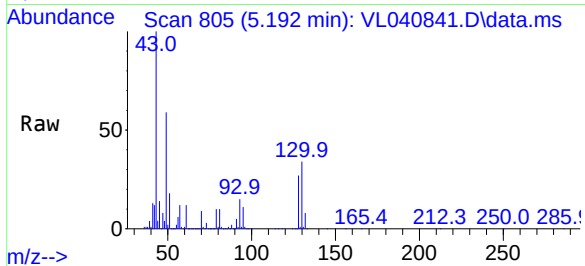




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.192 min Scan# 80
Delta R.T. -0.019 min
Lab File: VL040841.D
Acq: 13 Nov 2023 14:36

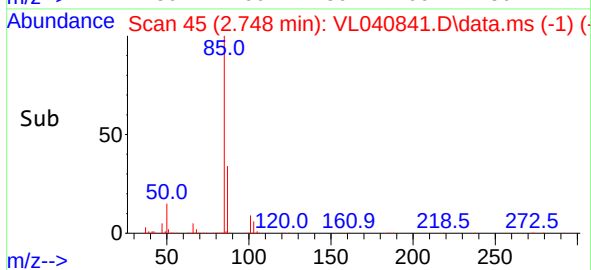
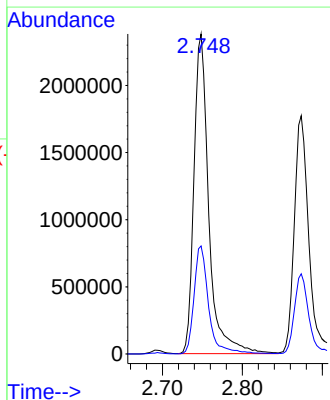
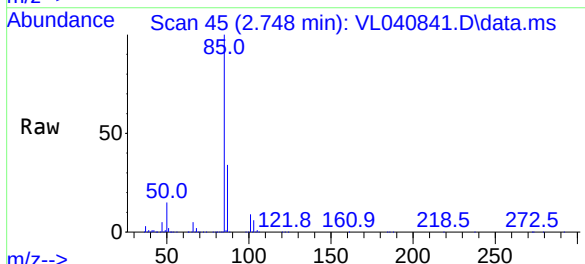
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

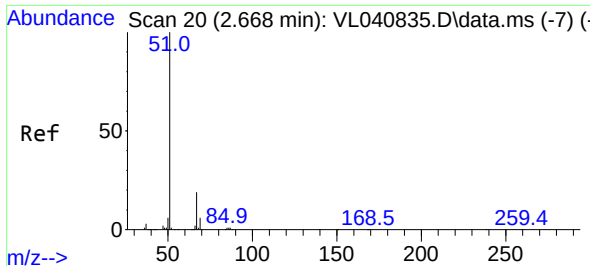
Tgt Ion: 49 Resp: 1180537
Ion Ratio Lower Upper
49 100
128 47.2 23.8 71.2
130 60.0 30.9 92.8



#2
Dichlorodifluoromethane
Concen: 12.840 ppbv
RT: 2.748 min Scan# 45
Delta R.T. -0.026 min
Lab File: VL040841.D
Acq: 13 Nov 2023 14:36

Tgt Ion: 85 Resp: 3072945
Ion Ratio Lower Upper
85 100
87 33.7 26.7 40.1

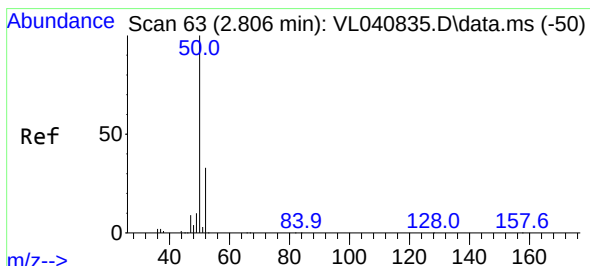
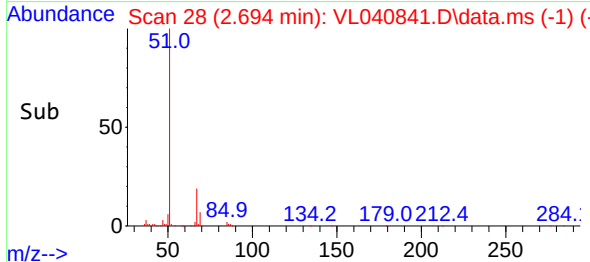
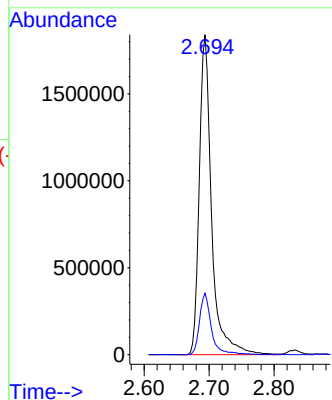
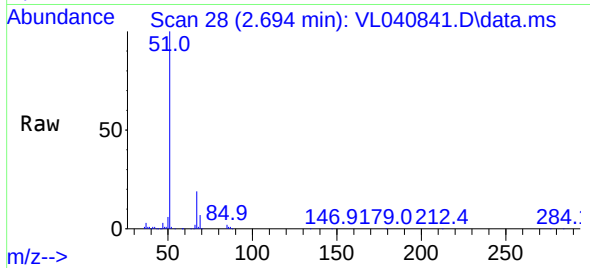




#3
Chlorodifluoromethane
Concen: 12.876 ppbv
RT: 2.694 min Scan# 21
Delta R.T. -0.026 min
Lab File: VL040841.D
Acq: 13 Nov 2023 14:36

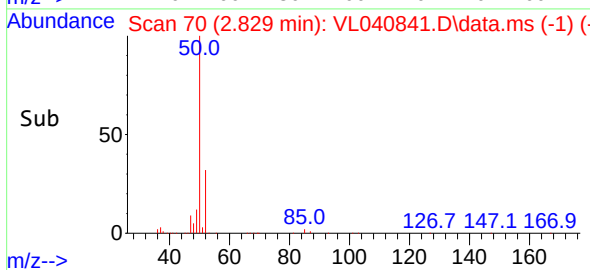
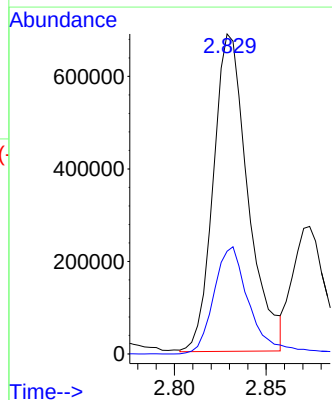
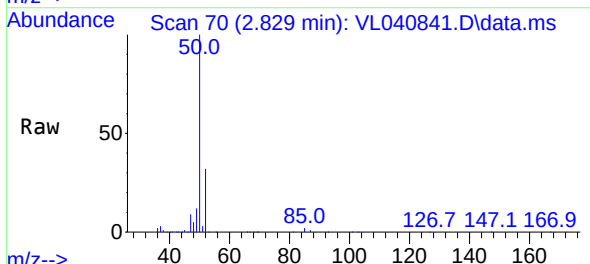
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC015

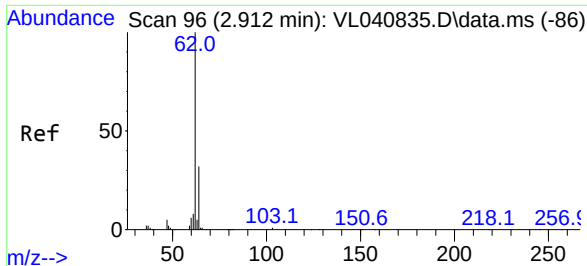
Tgt Ion: 51 Resp: 2426885
Ion Ratio Lower Upper
51 100
67 18.6 15.0 22.4



#4
Chloromethane
Concen: 13.318 ppbv
RT: 2.829 min Scan# 70
Delta R.T. -0.026 min
Lab File: VL040841.D
Acq: 13 Nov 2023 14:36

Tgt Ion: 50 Resp: 902704
Ion Ratio Lower Upper
50 100
52 32.4 26.5 39.7

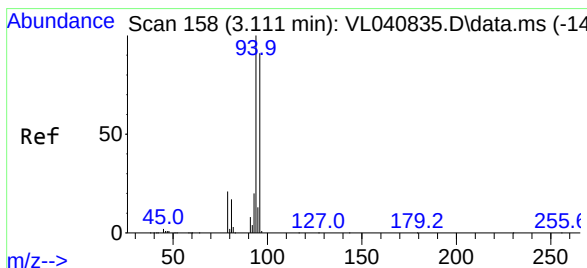
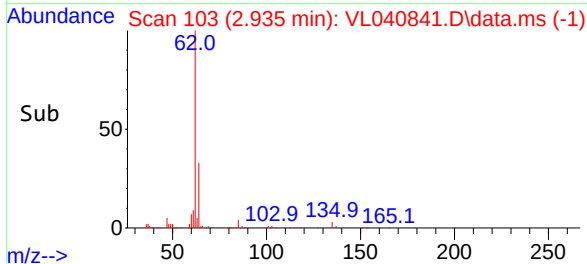
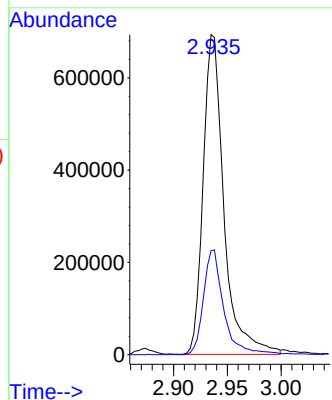
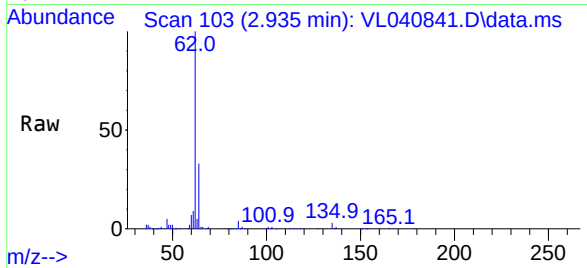




#5
 Vinyl Chloride
 Concen: 13.780 ppbv
 RT: 2.935 min Scan# 10
 Delta R.T. -0.026 min
 Lab File: VL040841.D
 Acq: 13 Nov 2023 14:36

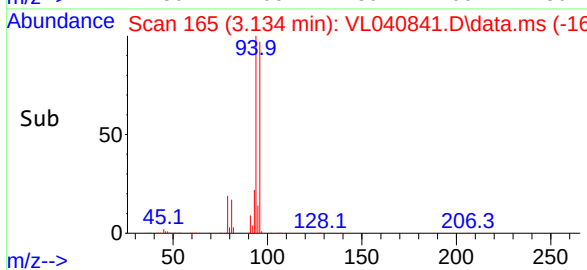
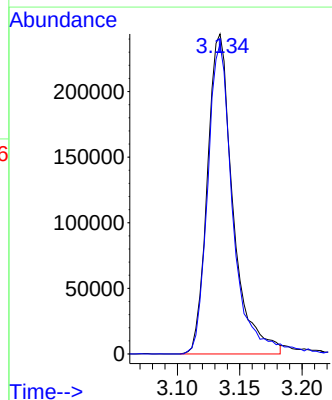
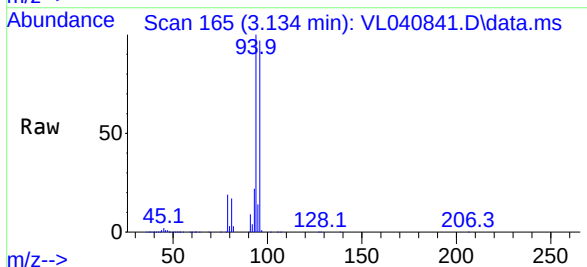
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDIC015

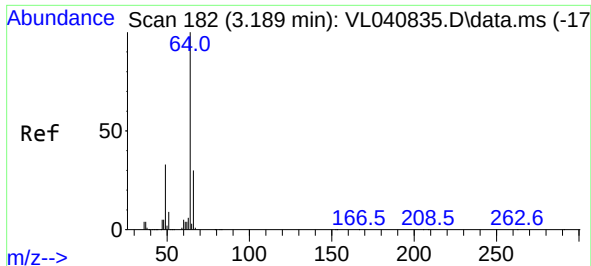
Tgt Ion: 62 Resp: 928911
 Ion Ratio Lower Upper
 62 100
 64 32.5 25.4 38.2



#6
 Bromomethane
 Concen: 13.514 ppbv
 RT: 3.134 min Scan# 165
 Delta R.T. -0.022 min
 Lab File: VL040841.D
 Acq: 13 Nov 2023 14:36

Tgt Ion: 94 Resp: 347725
 Ion Ratio Lower Upper
 94 100
 96 96.9 73.0 109.4

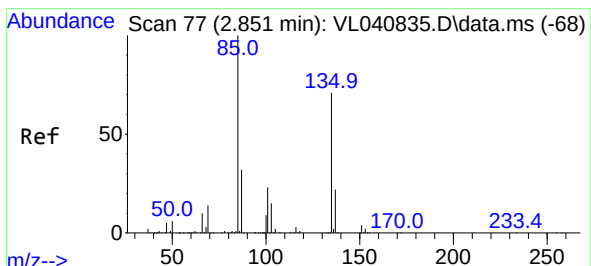
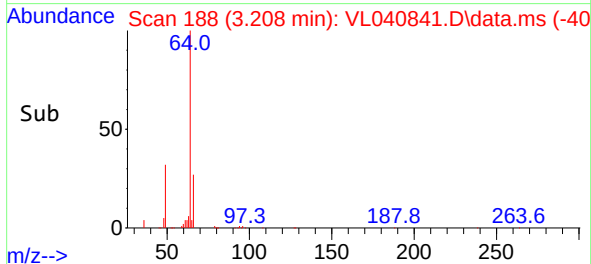
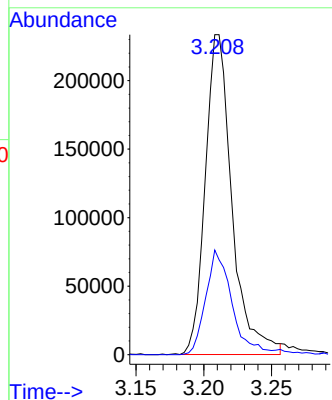
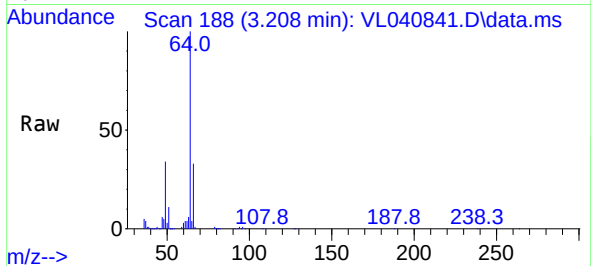




#7
Chloroethane
Concen: 13.696 ppbv
RT: 3.208 min Scan# 11
Delta R.T. -0.026 min
Lab File: VL040841.D
Acq: 13 Nov 2023 14:36

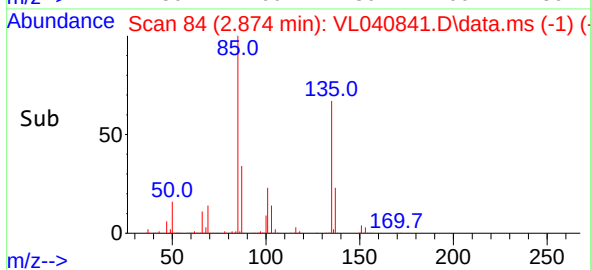
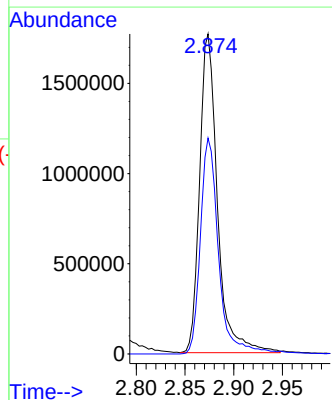
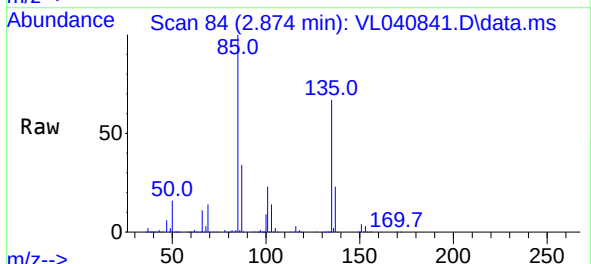
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

Tgt Ion: 64 Resp: 319678
Ion Ratio Lower Upper
64 100
66 32.7 23.8 35.6

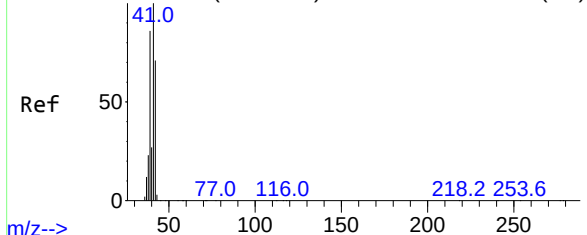


#8
Dichlorotetrafluoroethane
Concen: 13.015 ppbv
RT: 2.874 min Scan# 84
Delta R.T. -0.026 min
Lab File: VL040841.D
Acq: 13 Nov 2023 14:36

Tgt Ion: 85 Resp: 2249110
Ion Ratio Lower Upper
85 100
135 69.7 55.3 82.9



Abundance Scan 26 (2.687 min): VL040835.D\data.ms (-18)



#9

Propene

Concen: 13.323 ppbv

RT: 2.713 min Scan# 34

Delta R.T. -0.026 min

Lab File: VL040841.D

Acq: 13 Nov 2023 14:36

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC015

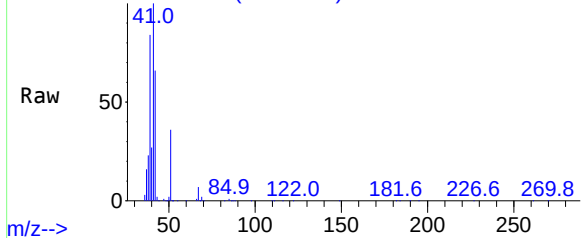
Tgt Ion: 41 Resp: 846320

Ion Ratio Lower Upper

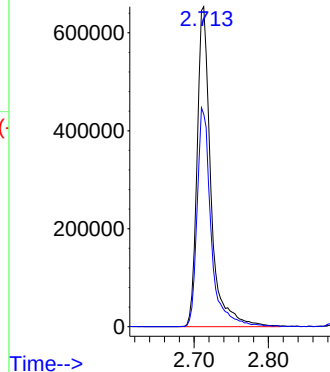
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42 69.6 56.5 84.7

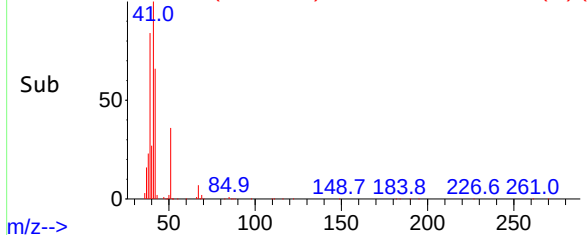
Abundance Scan 34 (2.713 min): VL040841.D\data.ms



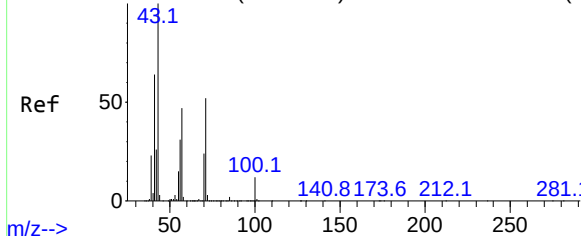
Abundance



Abundance Scan 34 (2.713 min): VL040841.D\data.ms (-1)



Abundance Scan 1540 (7.555 min): VL040835.D\data.ms (-1)



#10

Heptane

Concen: 13.494 ppbv

RT: 7.571 min Scan# 1545

Delta R.T. -0.016 min

Lab File: VL040841.D

Acq: 13 Nov 2023 14:36

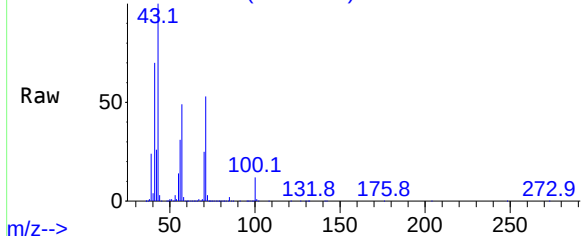
Tgt Ion: 43 Resp: 2108687

Ion Ratio Lower Upper

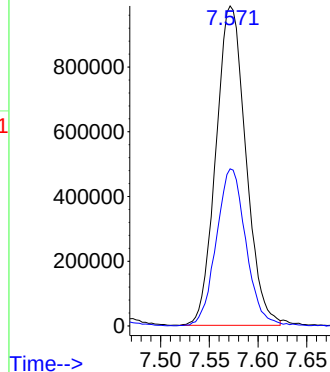
43 100

57 48.8 39.4 59.0

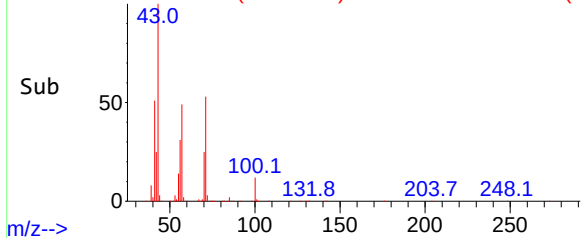
Abundance Scan 1545 (7.571 min): VL040841.D\data.ms

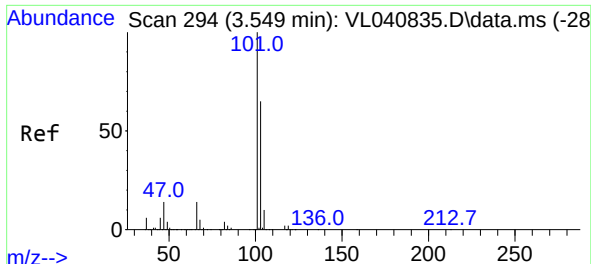


Abundance



Abundance Scan 1545 (7.571 min): VL040841.D\data.ms (-1)

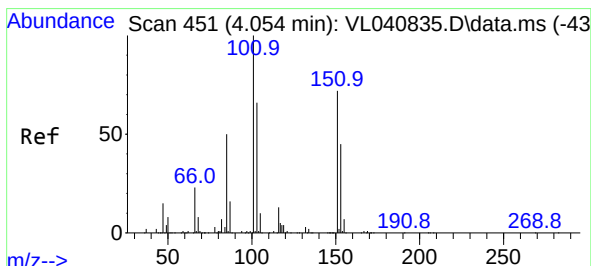
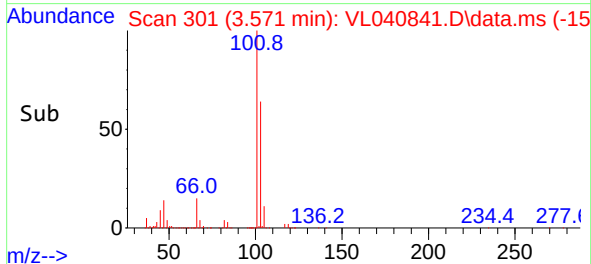
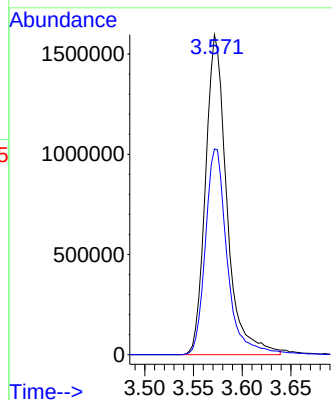
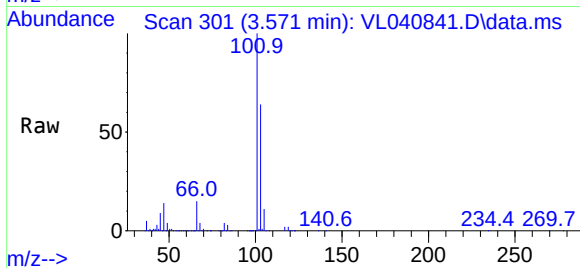




#11
Trichlorofluoromethane
Concen: 13.220 ppbv
RT: 3.571 min Scan# 301
Delta R.T. -0.023 min
Lab File: VL040841.D
Acq: 13 Nov 2023 14:36

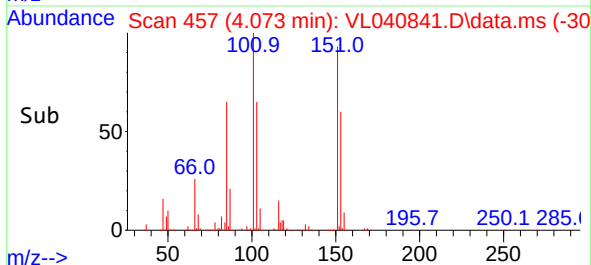
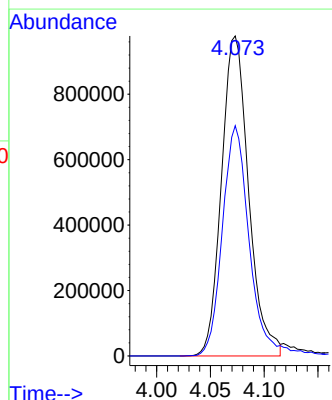
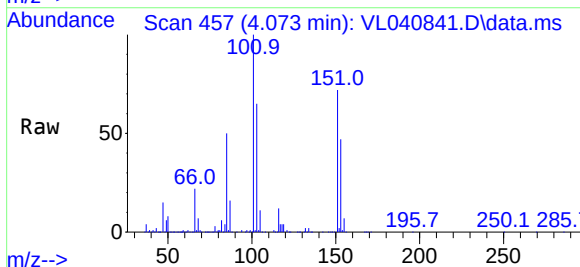
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

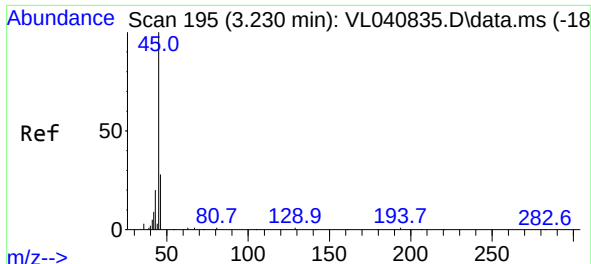
Tgt Ion:101 Resp: 2430963
Ion Ratio Lower Upper
101 100
103 64.3 51.8 77.8



#12
1,1,2-Trichlorotrifluoroethane
Concen: 13.148 ppbv
RT: 4.073 min Scan# 457
Delta R.T. -0.022 min
Lab File: VL040841.D
Acq: 13 Nov 2023 14:36

Tgt Ion:101 Resp: 1717577
Ion Ratio Lower Upper
101 100
151 72.5 57.8 86.6





#13

Ethanol

Concen: 12.905 ppbv

RT: 3.256 min Scan# 203

Delta R.T. -0.022 min

Lab File: VL040841.D

Acq: 13 Nov 2023 14:36

Instrument :

MSVOA_L

ClientSampleId :

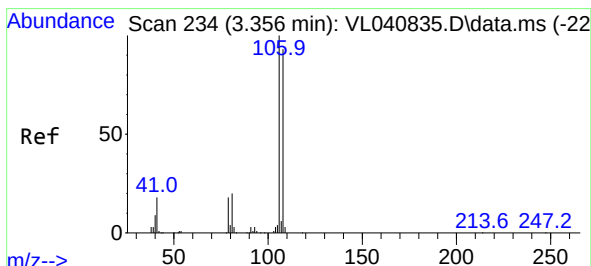
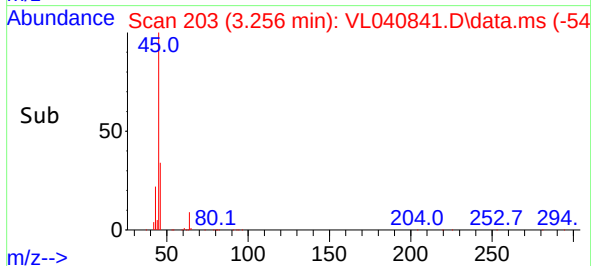
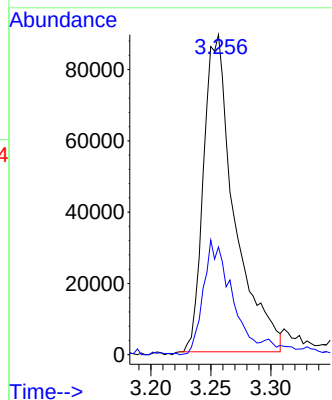
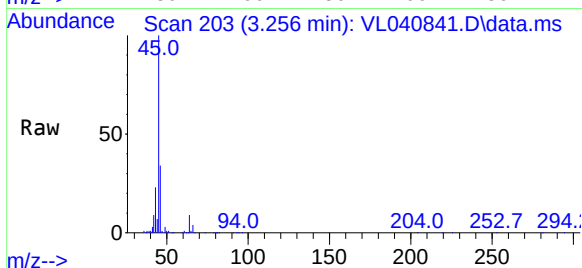
VSTDIC015

Tgt Ion: 45 Resp: 159173

Ion Ratio Lower Upper

45 100

46 38.0 0.0 0.0#



#14

Bromoethene

Concen: 13.598 ppbv

RT: 3.378 min Scan# 241

Delta R.T. -0.022 min

Lab File: VL040841.D

Acq: 13 Nov 2023 14:36

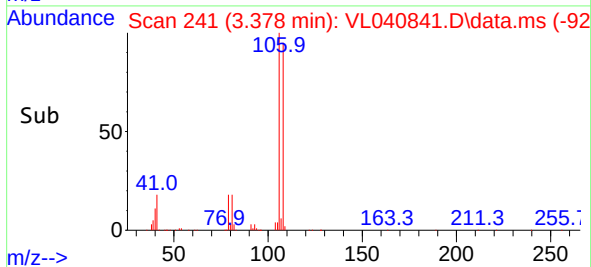
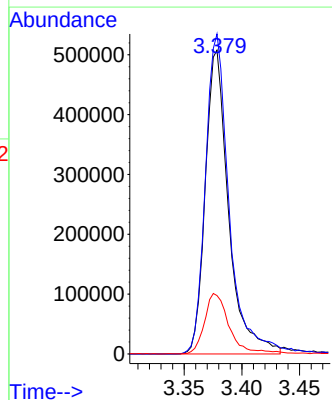
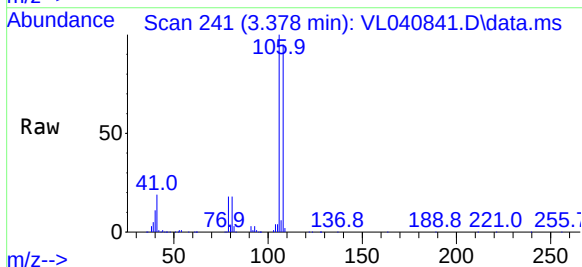
Tgt Ion: 108 Resp: 714518

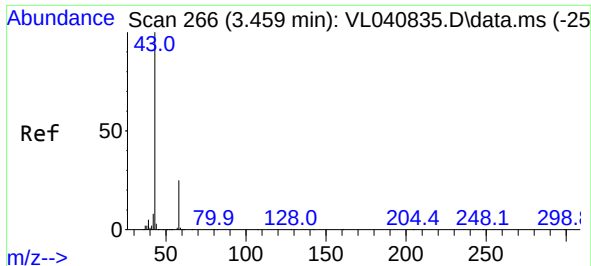
Ion Ratio Lower Upper

108 100

106 108.5 85.4 128.2

79 21.7 16.7 25.1

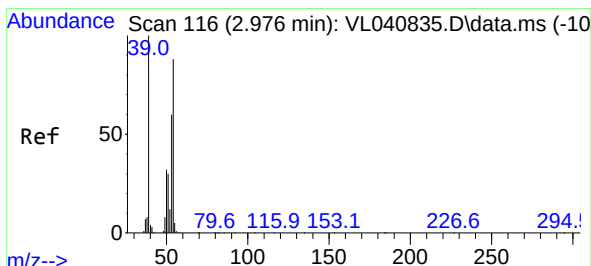
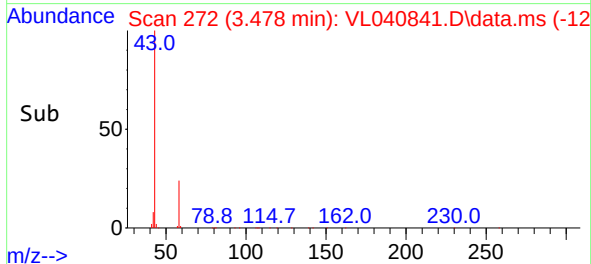
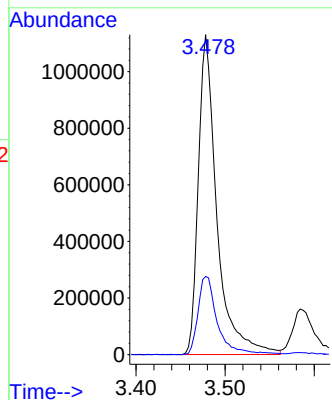
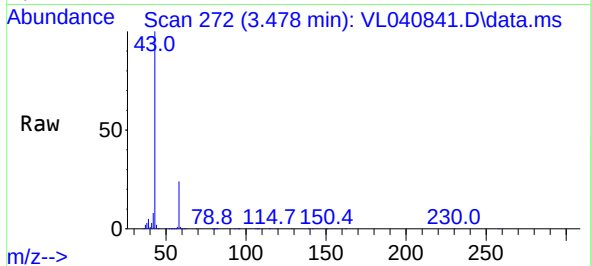




#15
Acetone
Concen: 13.025 ppbv
RT: 3.478 min Scan# 21
Delta R.T. -0.022 min
Lab File: VL040841.D
Acq: 13 Nov 2023 14:36

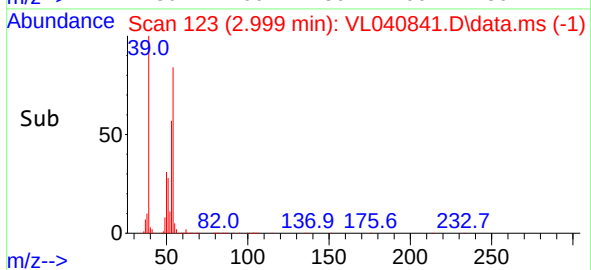
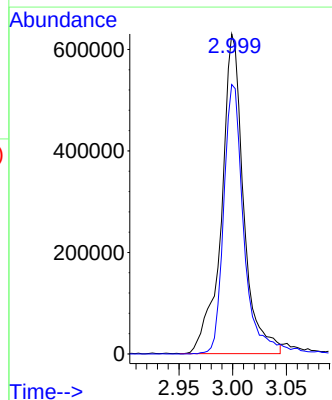
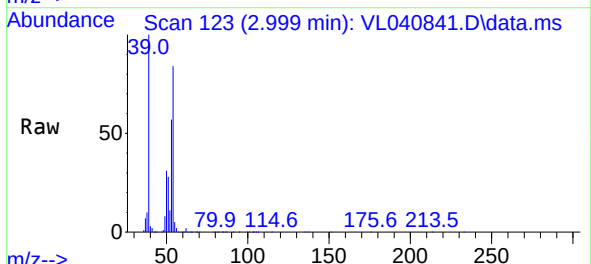
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

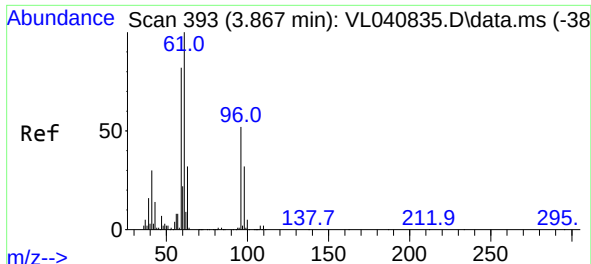
Tgt Ion: 43 Resp: 1637616
Ion Ratio Lower Upper
43 100
58 25.7 20.9 31.3



#16
1,3-Butadiene
Concen: 14.173 ppbv
RT: 2.999 min Scan# 123
Delta R.T. -0.026 min
Lab File: VL040841.D
Acq: 13 Nov 2023 14:36

Tgt Ion: 39 Resp: 901543
Ion Ratio Lower Upper
39 100
54 78.0 61.8 92.6

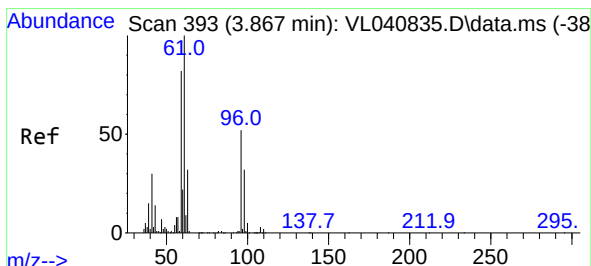
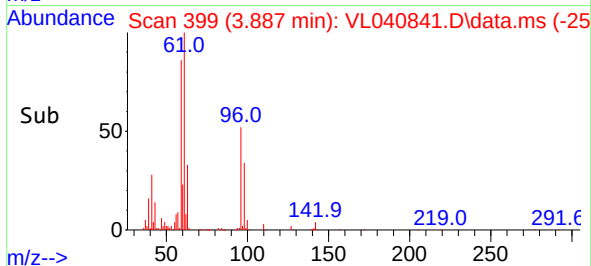
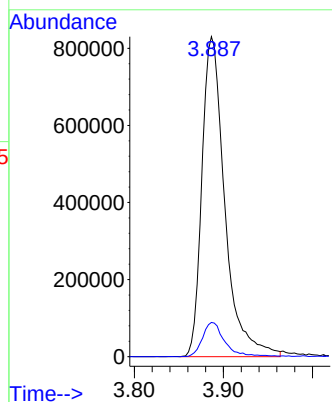
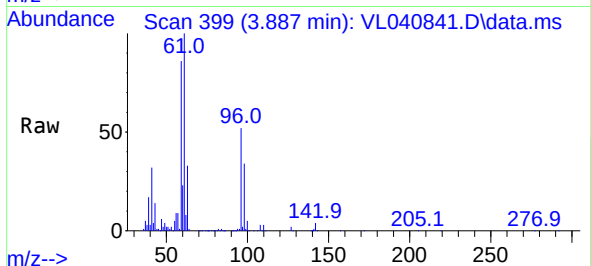




#17
tert-Butyl alcohol
Concen: 13.792 ppbv
RT: 3.887 min Scan# 399
Delta R.T. -0.022 min
Lab File: VL040841.D
Acq: 13 Nov 2023 14:36

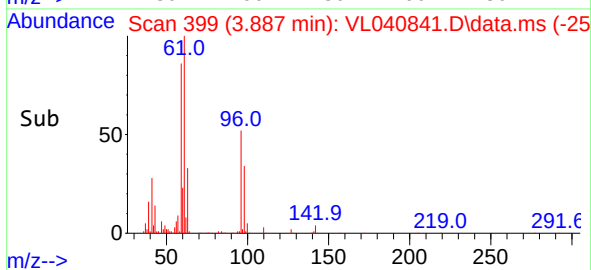
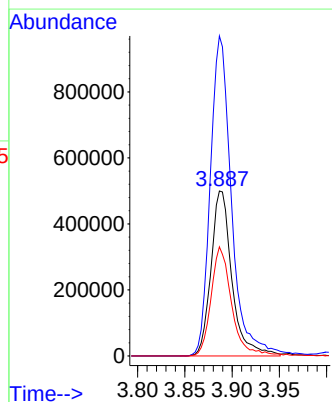
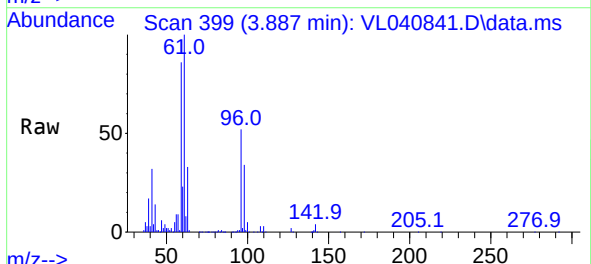
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC015

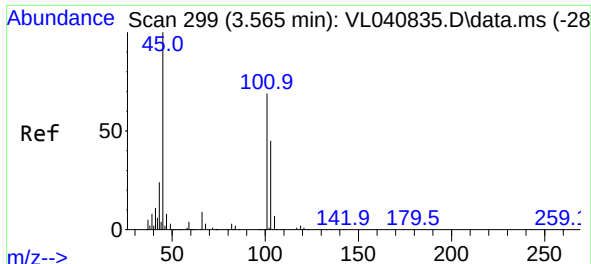
Tgt Ion: 59 Resp: 1482955
Ion Ratio Lower Upper
59 100
57 10.7 9.0 13.4



#18
1,1-Dichloroethene
Concen: 13.269 ppbv
RT: 3.887 min Scan# 399
Delta R.T. -0.026 min
Lab File: VL040841.D
Acq: 13 Nov 2023 14:36

Tgt Ion: 96 Resp: 772608
Ion Ratio Lower Upper
96 100
61 193.9 152.6 228.8
98 66.1 49.2 73.8

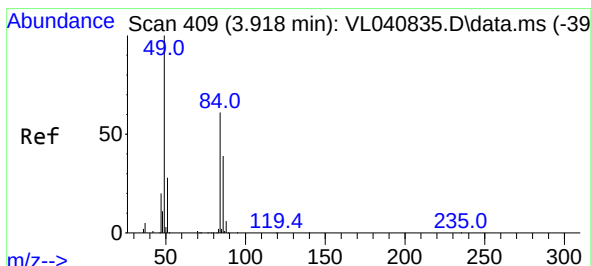
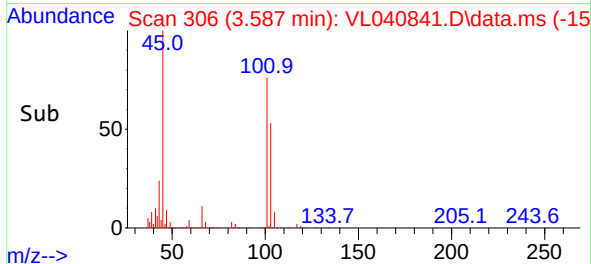
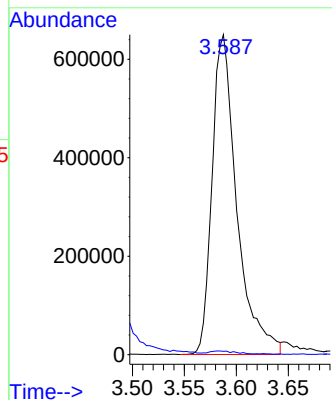
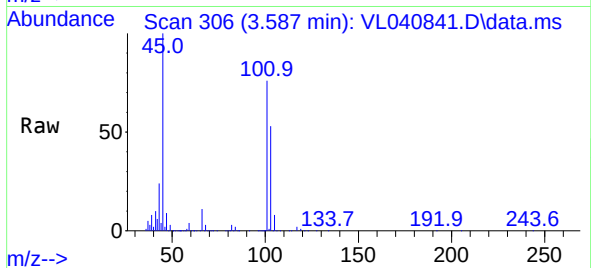




#19
Isopropyl Alcohol
Concen: 14.221 ppbv
RT: 3.587 min Scan# 306
Delta R.T. -0.023 min
Lab File: VL040841.D
Acq: 13 Nov 2023 14:36

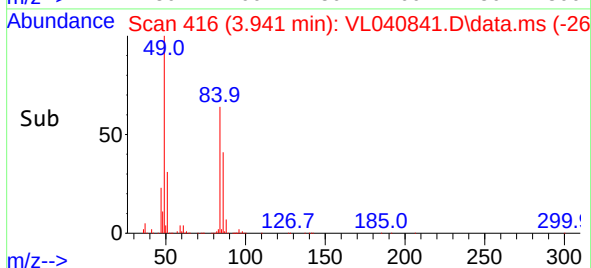
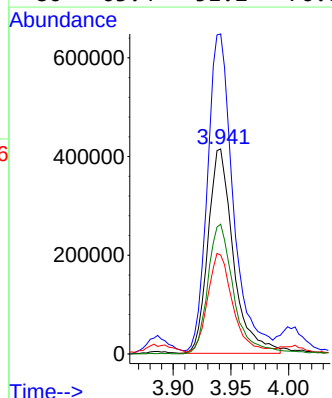
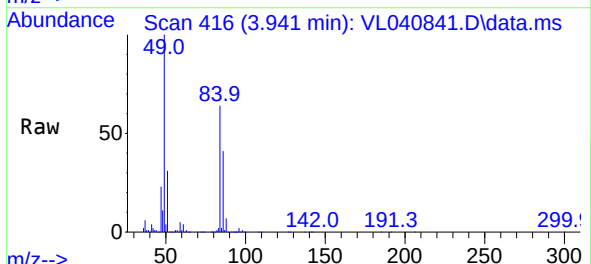
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

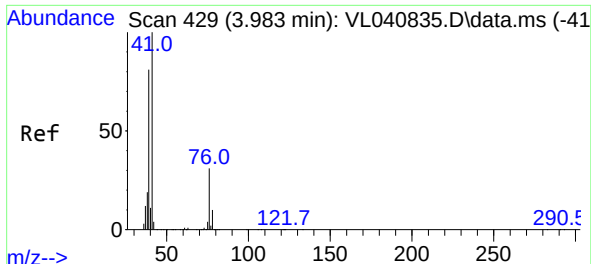
Tgt Ion: 45 Resp: 1076031
Ion Ratio Lower Upper
45 100
58 1.6 1.6 2.4



#20
Methylene Chloride
Concen: 12.195 ppbv
RT: 3.941 min Scan# 416
Delta R.T. -0.022 min
Lab File: VL040841.D
Acq: 13 Nov 2023 14:36

Tgt Ion: 84 Resp: 632785
Ion Ratio Lower Upper
84 100
49 154.5 131.0 196.4
51 46.3 36.9 55.3
86 63.4 51.2 76.8



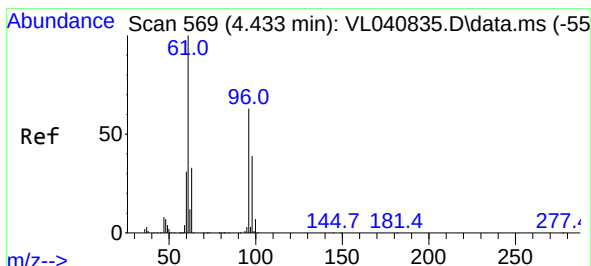
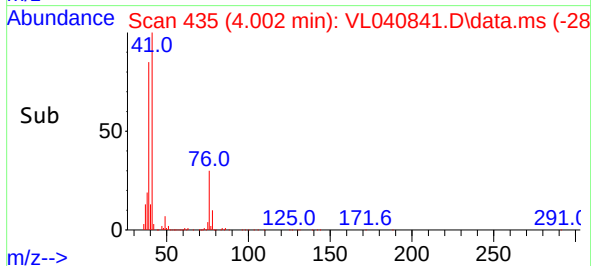
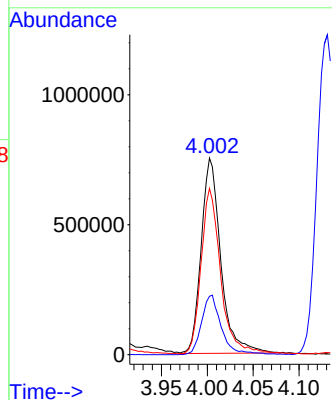
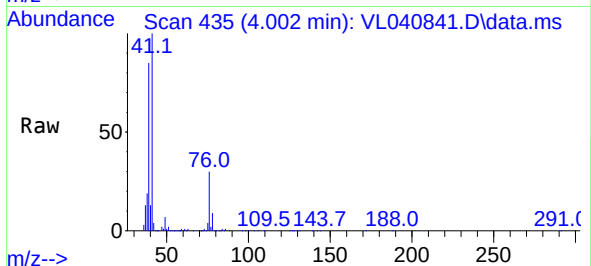


#21
 Allyl Chloride
 Concen: 13.935 ppbv
 RT: 4.002 min Scan# 41
 Delta R.T. -0.022 min
 Lab File: VL040841.D
 Acq: 13 Nov 2023 14:36

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC015

Tgt Ion: 41 Resp: 1121277

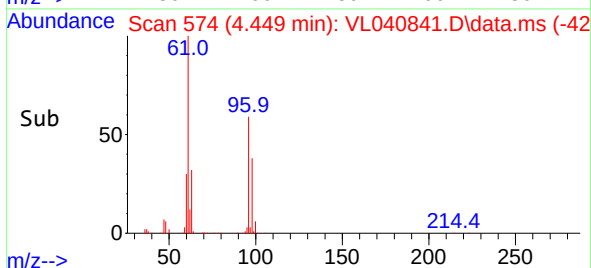
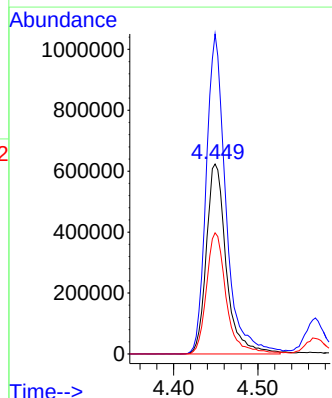
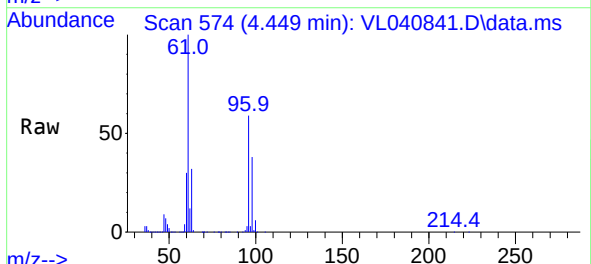
Ion	Ratio	Lower	Upper
41	100		
76	30.7	24.4	36.6
39	85.4	68.1	102.1

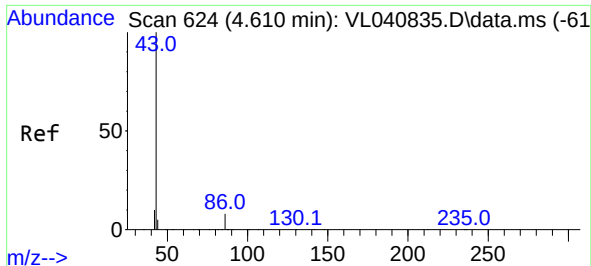


#22
 trans-1,2-Dichloroethene
 Concen: 15.583 ppbv
 RT: 4.449 min Scan# 574
 Delta R.T. -0.019 min
 Lab File: VL040841.D
 Acq: 13 Nov 2023 14:36

Tgt Ion: 96 Resp: 1029779

Ion	Ratio	Lower	Upper
96	100		
61	168.5	126.8	190.2
98	63.8	49.9	74.9

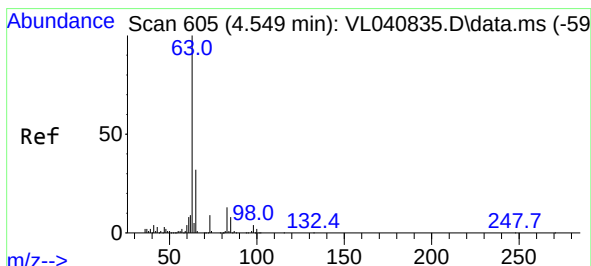
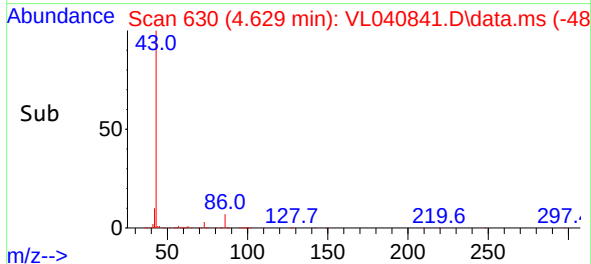
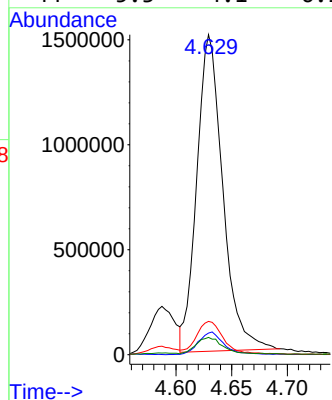
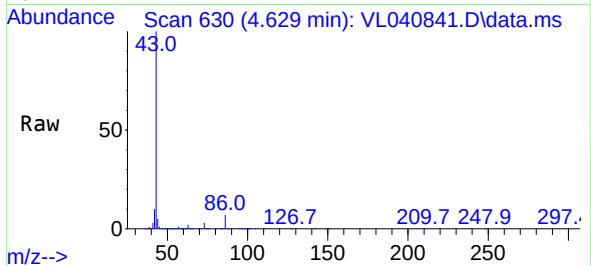




#23
Vinyl Acetate
Concen: 15.122 ppbv
RT: 4.629 min Scan# 611
Delta R.T. -0.019 min
Lab File: VL040841.D
Acq: 13 Nov 2023 14:36

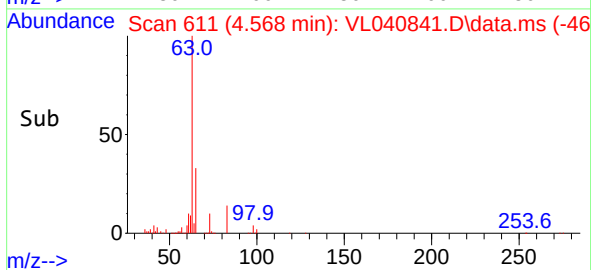
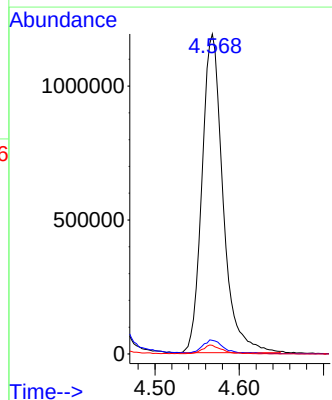
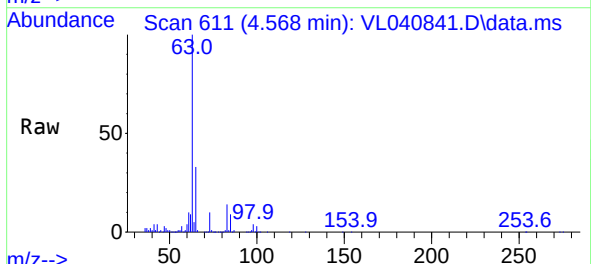
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

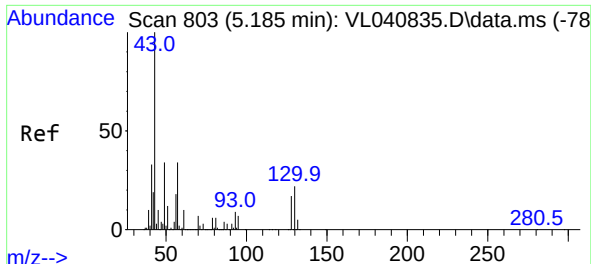
Tgt Ion: 43 Resp: 2455136
Ion Ratio Lower Upper
43 100
86 6.7 5.5 8.3
42 10.3 8.2 12.2
44 5.3 4.1 6.1



#24
1,1-Dichloroethane
Concen: 14.260 ppbv
RT: 4.568 min Scan# 611
Delta R.T. -0.019 min
Lab File: VL040841.D
Acq: 13 Nov 2023 14:36

Tgt Ion: 63 Resp: 2063582
Ion Ratio Lower Upper
63 100
98 4.1 2.2 6.6
100 2.7 1.0 3.0





#25

Ethyl Acetate

Concen: 13.605 ppbv

RT: 5.205 min Scan# 80

Delta R.T. -0.016 min

Lab File: VL040841.D

Acq: 13 Nov 2023 14:36

Instrument :

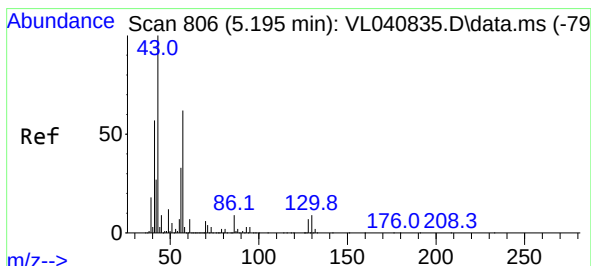
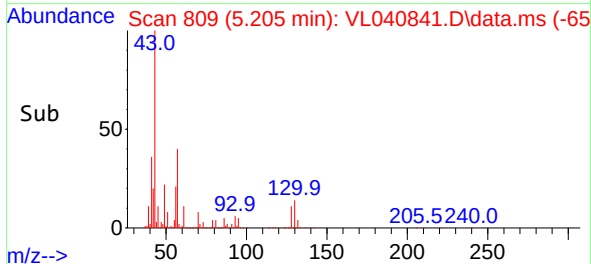
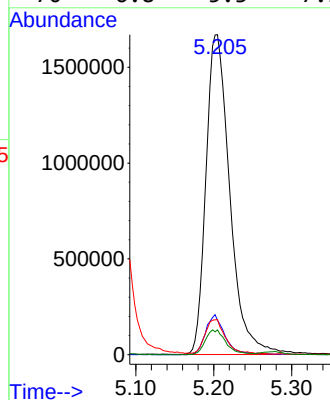
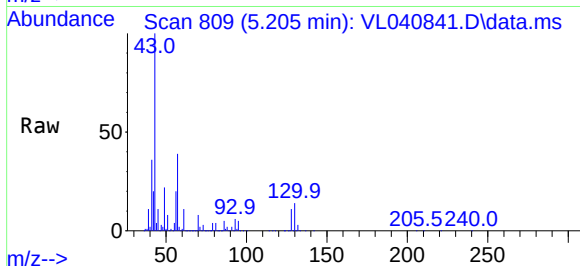
MSVOA_L

ClientSampleId :

VSTDIC015

Tgt Ion: 43 Resp: 3541894

Ion	Ratio	Lower	Upper
43	100		
45	10.3	8.1	12.1
61	9.5	7.8	11.6
70	6.8	5.3	7.9



#26

Hexane

Concen: 13.343 ppbv

RT: 5.214 min Scan# 812

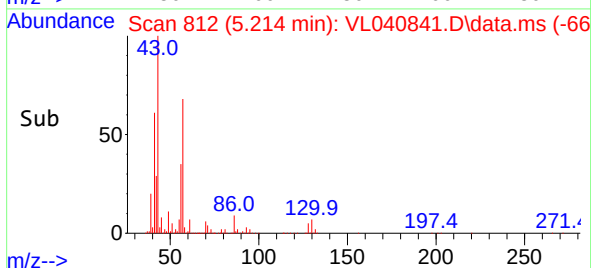
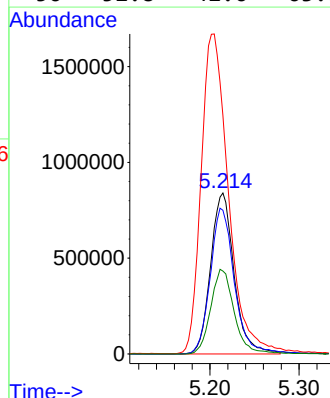
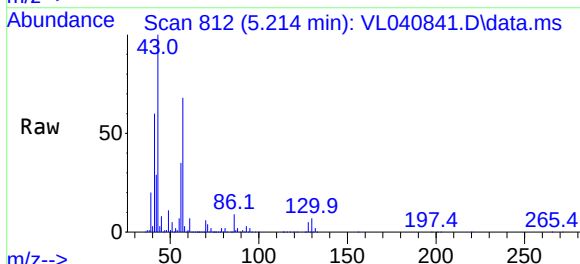
Delta R.T. -0.016 min

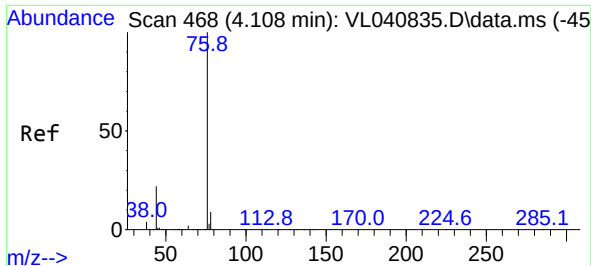
Lab File: VL040841.D

Acq: 13 Nov 2023 14:36

Tgt Ion: 57 Resp: 1537436

Ion	Ratio	Lower	Upper
57	100		
41	93.8	75.4	113.0
43	232.9	185.9	278.9
56	52.8	42.6	63.8



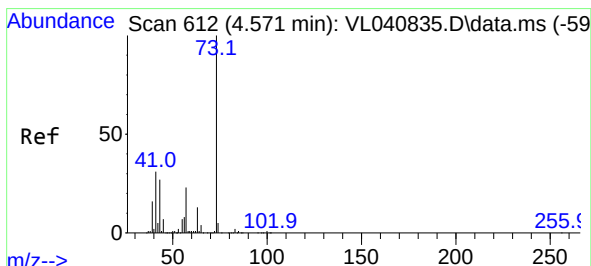
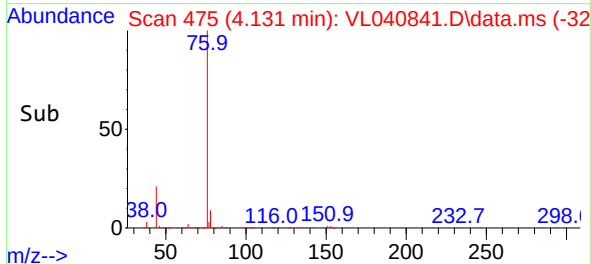
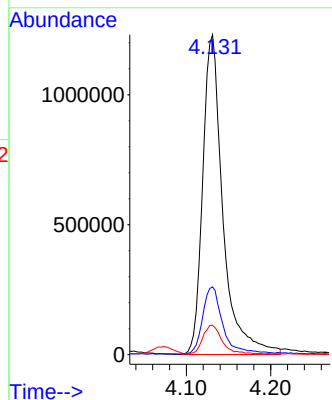
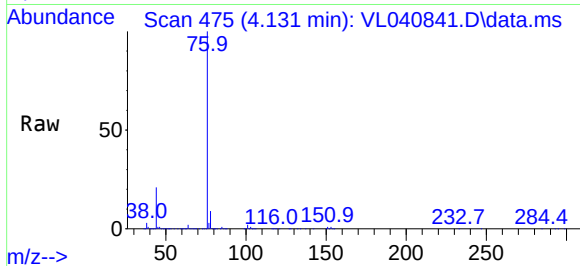


#27
Carbon Disulfide
Concen: 14.059 ppbv
RT: 4.131 min Scan# 41
Delta R.T. -0.022 min
Lab File: VL040841.D
Acq: 13 Nov 2023 14:36

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

Tgt Ion: 76 Resp: 2054080

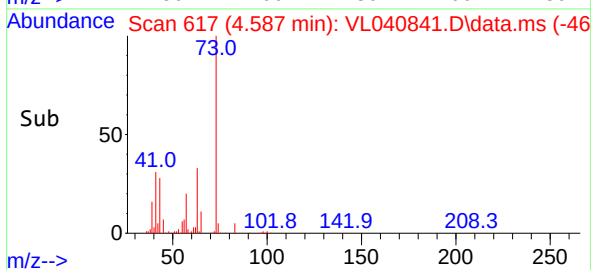
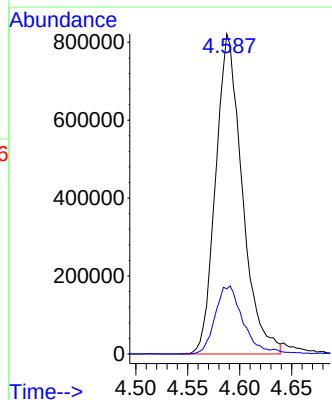
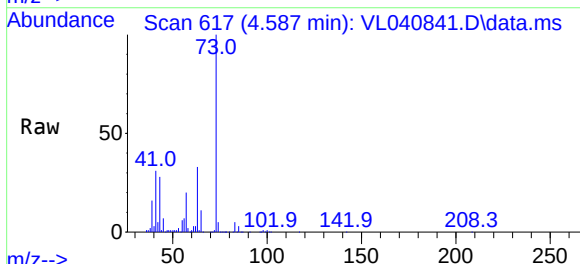
Ion	Ratio	Lower	Upper
76	100		
44	21.7	16.7	25.1
78	9.8	7.6	11.4

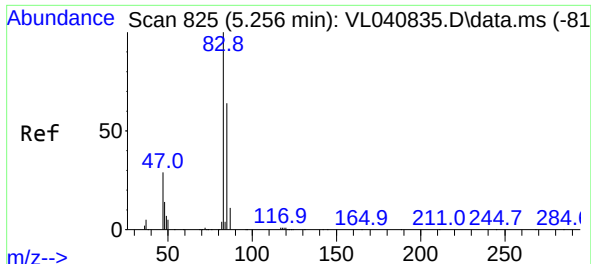


#28
Methyl tert-Butyl Ether
Concen: 14.023 ppbv
RT: 4.587 min Scan# 617
Delta R.T. -0.023 min
Lab File: VL040841.D
Acq: 13 Nov 2023 14:36

Tgt Ion: 73 Resp: 1461197

Ion	Ratio	Lower	Upper
73	100		
57	22.7	18.0	27.0





#29

Chloroform

Concen: 13.311 ppbv

RT: 5.276 min Scan# 81

Delta R.T. -0.019 min

Lab File: VL040841.D

Acq: 13 Nov 2023 14:36

Instrument :

MSVOA_L

ClientSampleId :

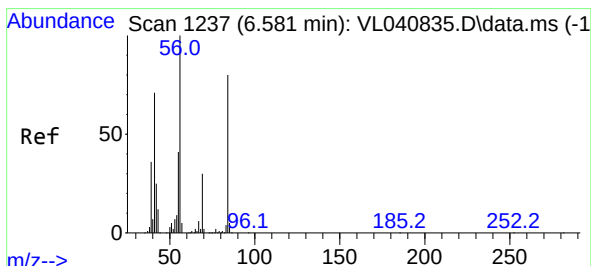
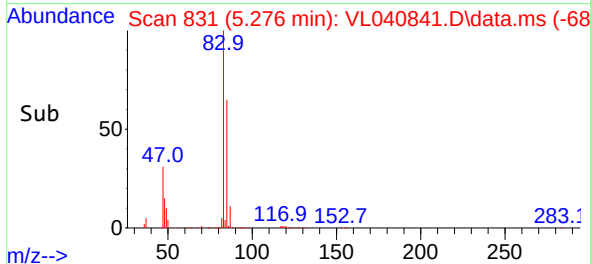
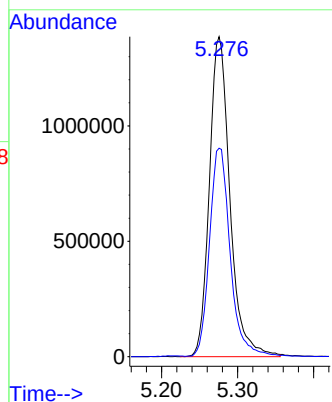
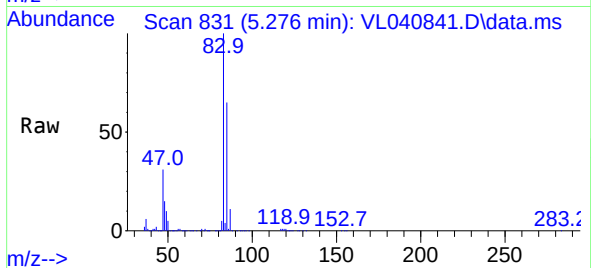
VSTDIC015

Tgt Ion: 83 Resp: 2599394

Ion Ratio Lower Upper

83 100

85 64.9 51.4 77.0



#30

Cyclohexane

Concen: 13.382 ppbv

RT: 6.597 min Scan# 1242

Delta R.T. -0.016 min

Lab File: VL040841.D

Acq: 13 Nov 2023 14:36

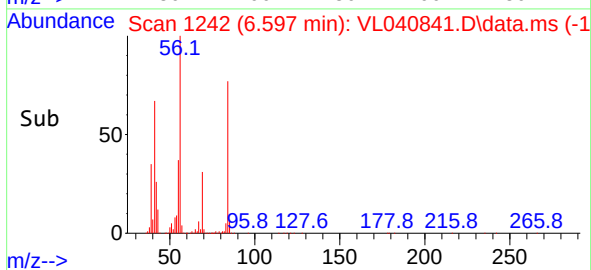
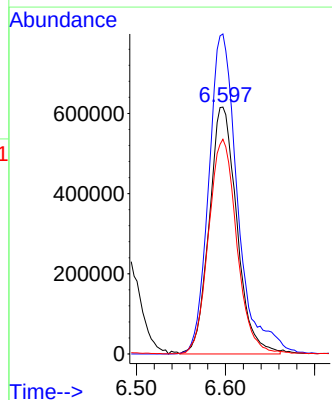
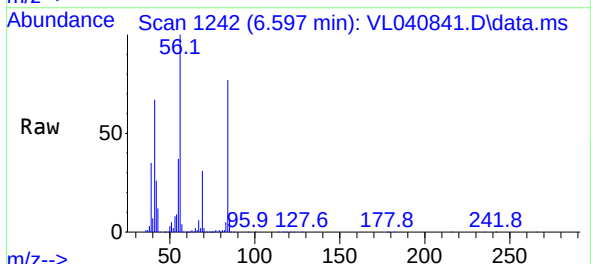
Tgt Ion: 84 Resp: 1326451

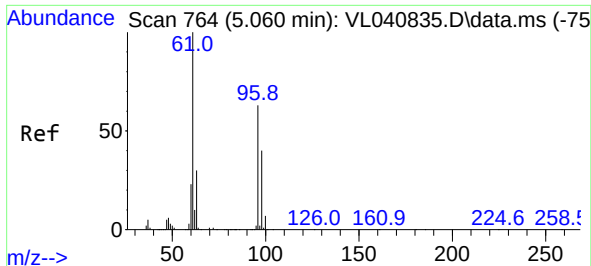
Ion Ratio Lower Upper

84 100

56 136.2 109.3 163.9

41 88.7 71.4 107.2



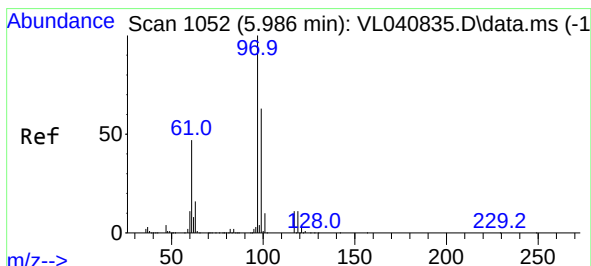
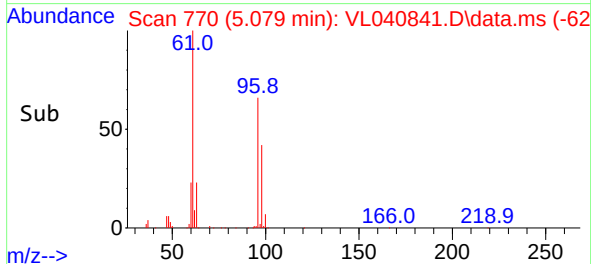
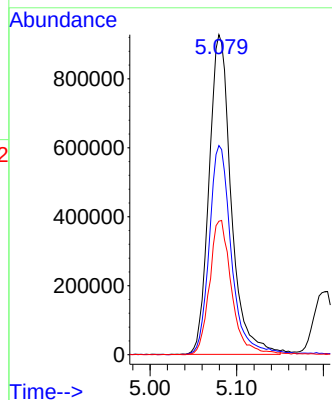
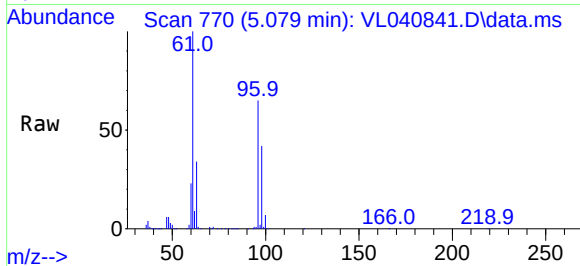


#31
 cis-1,2-Dichloroethene
 Concen: 14.463 ppbv
 RT: 5.079 min Scan# 71
 Delta R.T. -0.019 min
 Lab File: VL040841.D
 Acq: 13 Nov 2023 14:36

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC015

Tgt Ion: 61 Resp: 1648979

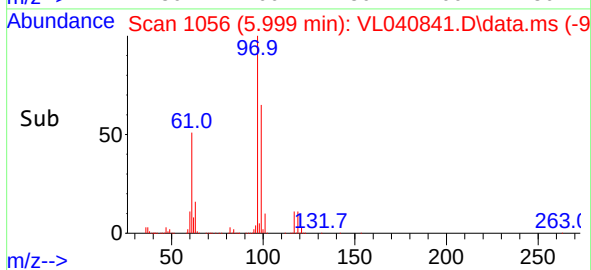
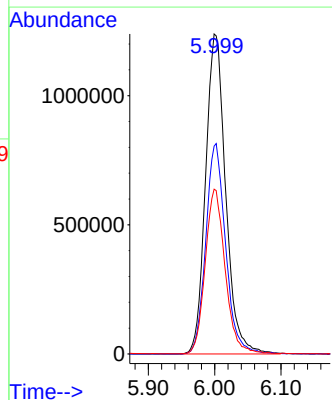
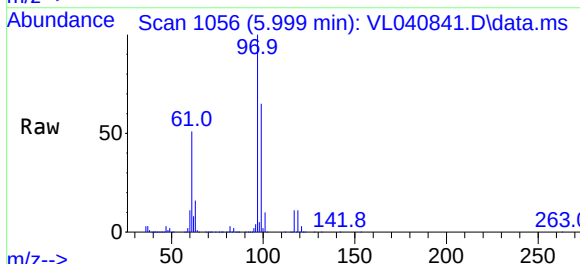
Ion	Ratio	Lower	Upper
61	100		
96	65.3	50.5	75.7
98	41.7	31.9	47.9

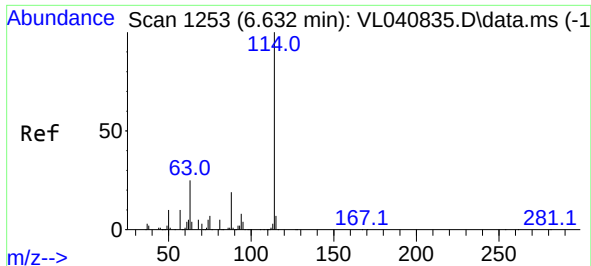


#32
 1,1,1-Trichloroethane
 Concen: 14.322 ppbv
 RT: 5.999 min Scan# 1056
 Delta R.T. -0.019 min
 Lab File: VL040841.D
 Acq: 13 Nov 2023 14:36

Tgt Ion: 97 Resp: 2609323

Ion	Ratio	Lower	Upper
97	100		
99	65.0	52.2	78.4
61	51.3	41.0	61.4





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.652 min Scan# 1

Delta R.T. -0.013 min

Lab File: VL040841.D

Acq: 13 Nov 2023 14:36

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC015

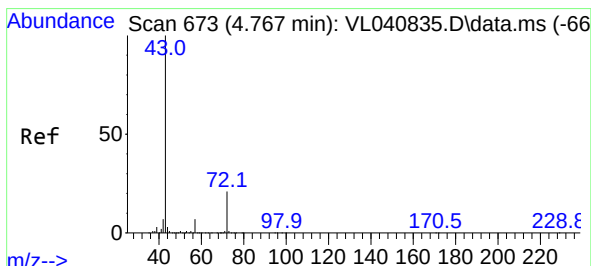
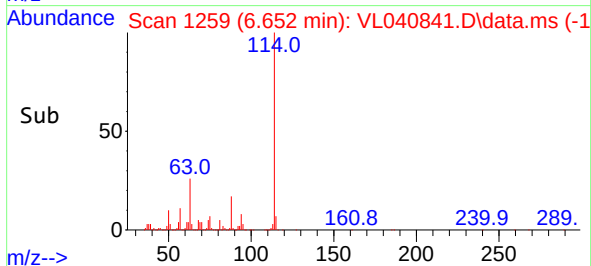
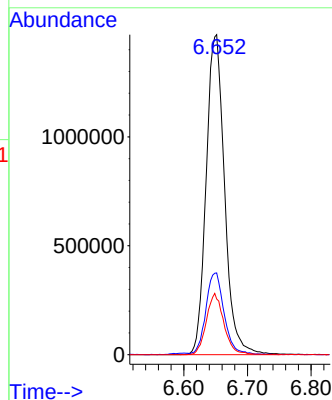
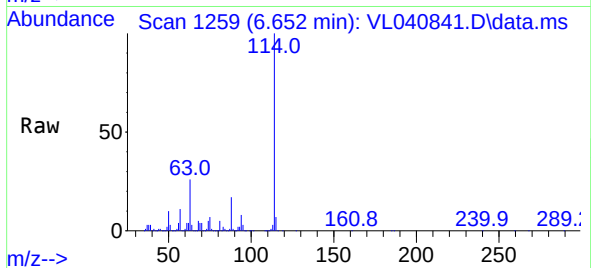
Tgt Ion:114 Resp: 2954720

Ion Ratio Lower Upper

114 100

63 26.0 20.9 31.3

88 18.3 14.3 21.5



#34

2-Butanone

Concen: 15.138 ppbv

RT: 4.787 min Scan# 679

Delta R.T. -0.019 min

Lab File: VL040841.D

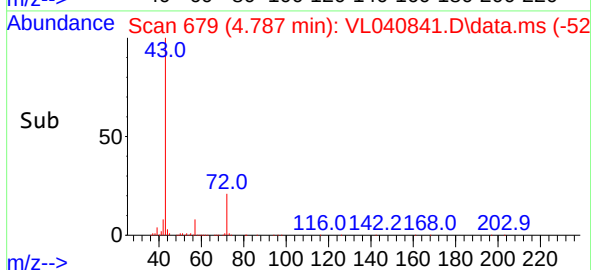
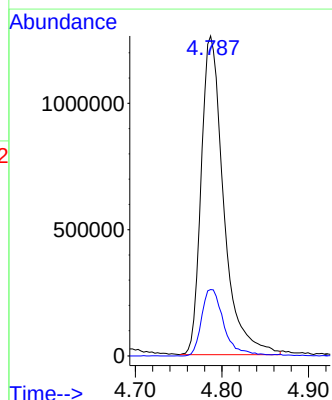
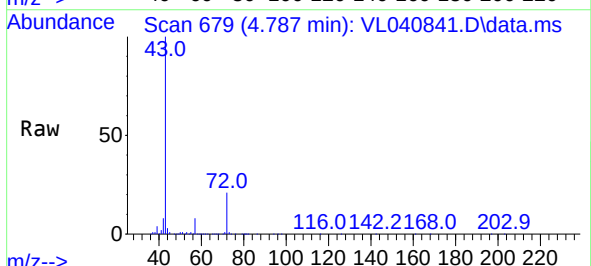
Acq: 13 Nov 2023 14:36

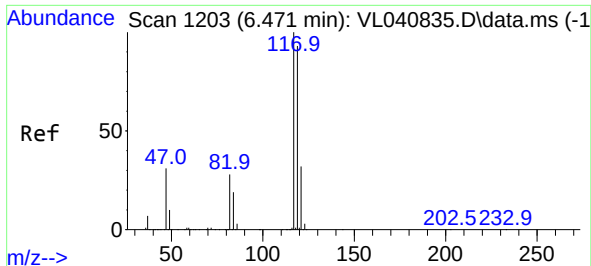
Tgt Ion: 43 Resp: 2278603

Ion Ratio Lower Upper

43 100

72 21.3 17.2 25.8



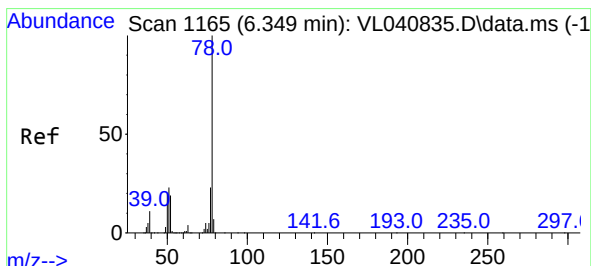
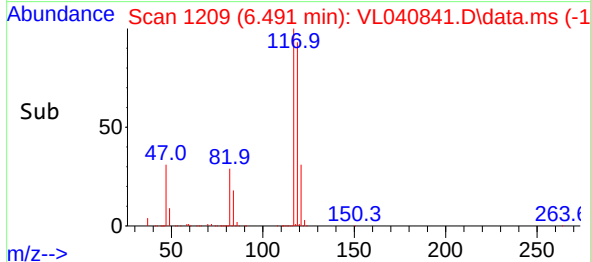
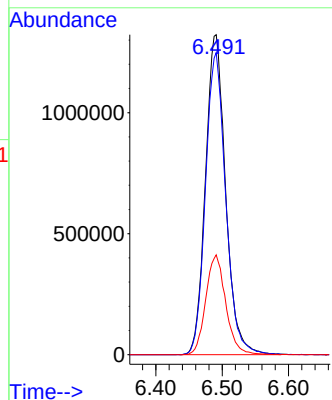
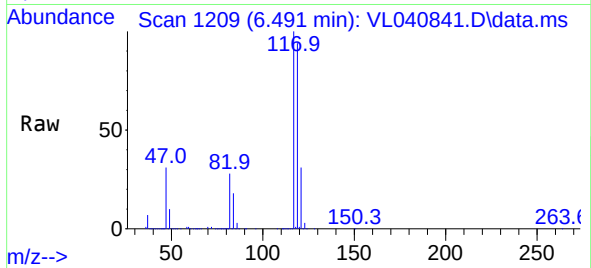


#35
Carbon Tetrachloride
Concen: 15.411 ppbv
RT: 6.491 min Scan# 1170
Delta R.T. -0.016 min
Lab File: VL040841.D
Acq: 13 Nov 2023 14:36

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

Tgt Ion:117 Resp: 2793726

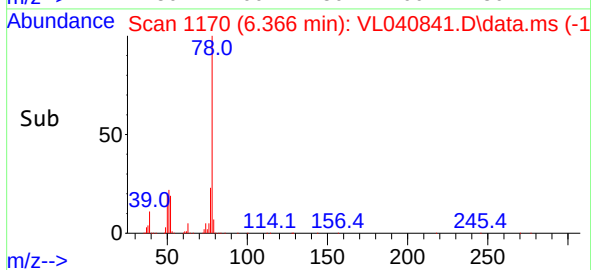
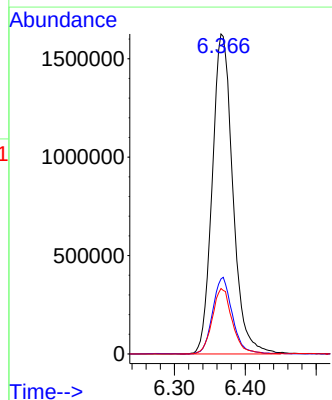
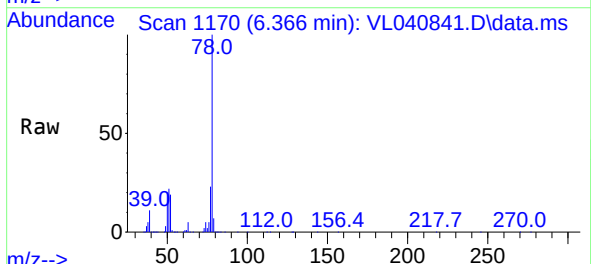
Ion	Ratio	Lower	Upper
117	100		
119	94.4	74.7	112.1
121	31.2	25.5	38.3

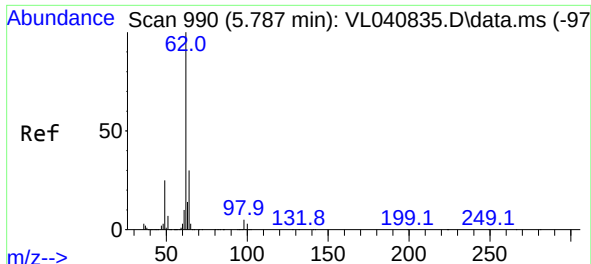


#36
Benzene
Concen: 13.694 ppbv
RT: 6.366 min Scan# 1170
Delta R.T. -0.019 min
Lab File: VL040841.D
Acq: 13 Nov 2023 14:36

Tgt Ion: 78 Resp: 3283937

Ion	Ratio	Lower	Upper
78	100		
77	23.4	18.4	27.6
50	20.4	16.2	24.2

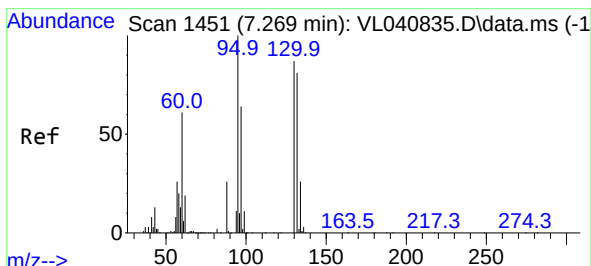
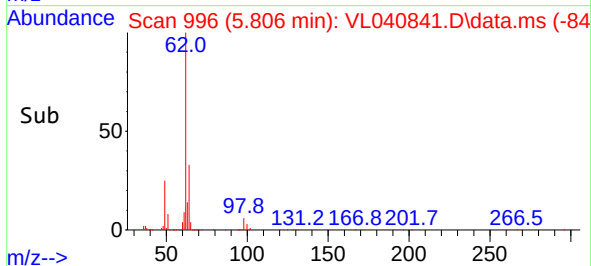
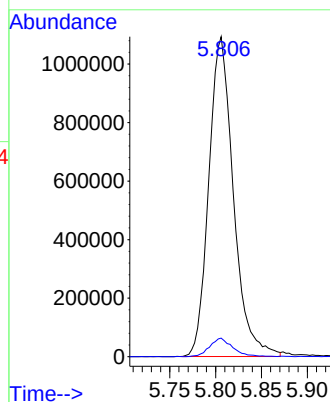
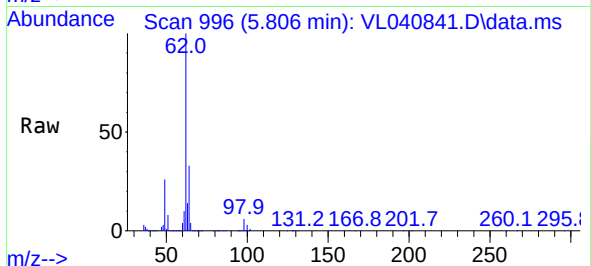




#37
1,2-Dichloroethane
Concen: 14.416 ppbv
RT: 5.806 min Scan# 990
Delta R.T. -0.016 min
Lab File: VL040841.D
Acq: 13 Nov 2023 14:36

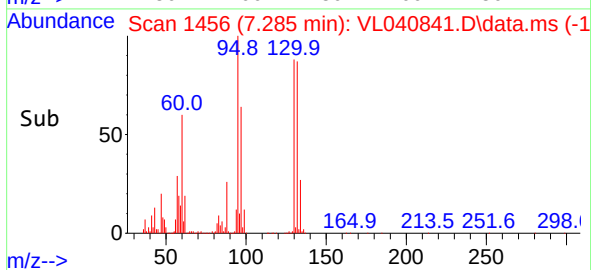
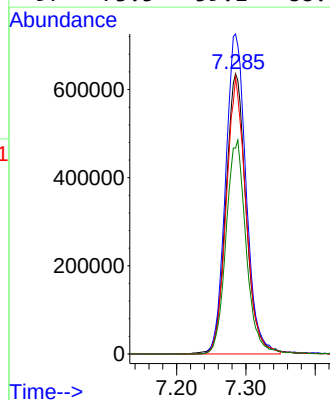
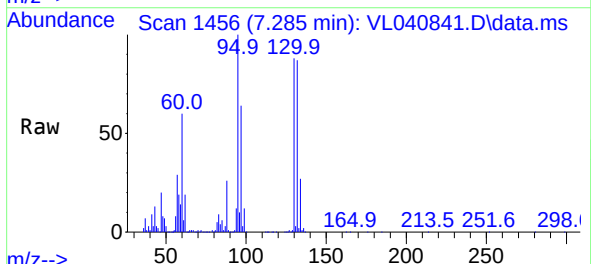
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC015

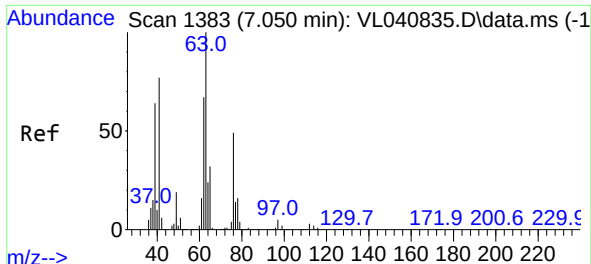
Tgt Ion: 62 Resp: 2038957
Ion Ratio Lower Upper
62 100
98 5.6 4.6 6.8



#38
Trichloroethene
Concen: 13.836 ppbv
RT: 7.285 min Scan# 1456
Delta R.T. -0.013 min
Lab File: VL040841.D
Acq: 13 Nov 2023 14:36

Tgt Ion:130 Resp: 1289632
Ion Ratio Lower Upper
130 100
95 114.2 92.4 138.6
132 98.9 75.1 112.7
97 73.5 59.1 88.7





#39

1,2-Dichloropropane

Concen: 13.710 ppbv

RT: 7.066 min Scan# 11

Delta R.T. -0.016 min

Lab File: VL040841.D

Acq: 13 Nov 2023 14:36

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC015

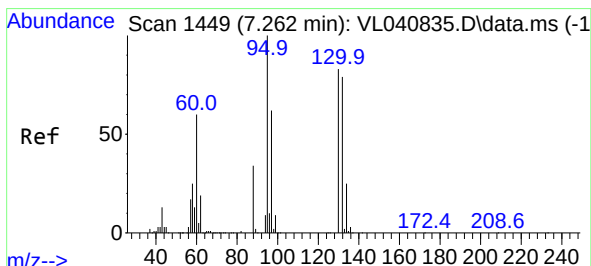
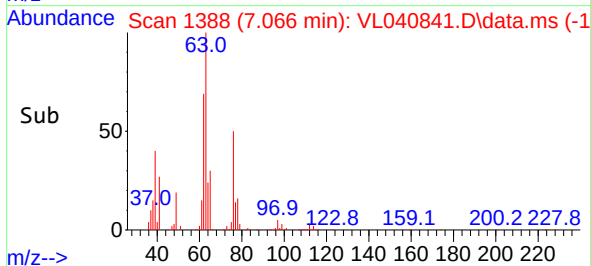
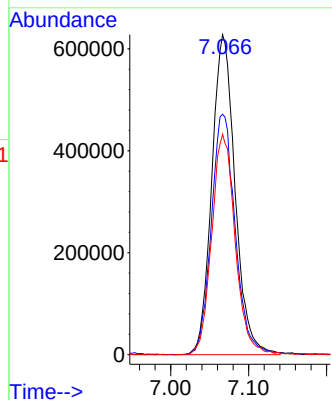
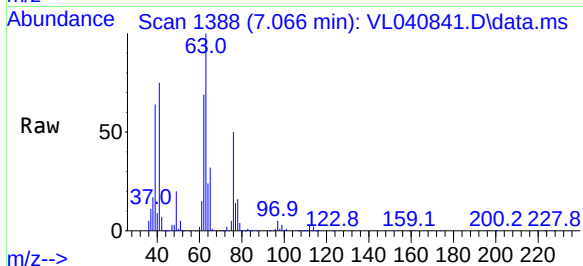
Tgt Ion: 63 Resp: 1303562

Ion Ratio Lower Upper

63 100

41 75.1 61.5 92.3

62 68.8 53.9 80.9



#40

1,4-Dioxane

Concen: 14.007 ppbv

RT: 7.275 min Scan# 1453

Delta R.T. -0.016 min

Lab File: VL040841.D

Acq: 13 Nov 2023 14:36

Tgt Ion: 88 Resp: 528453

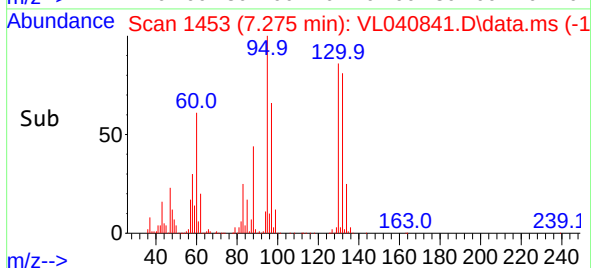
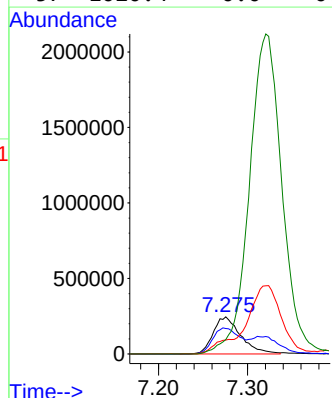
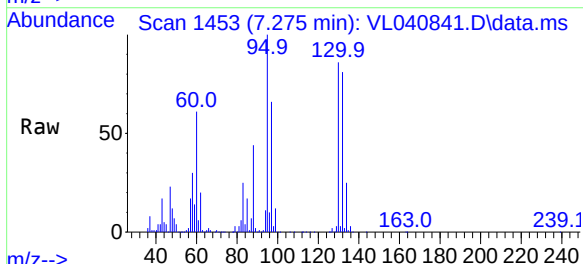
Ion Ratio Lower Upper

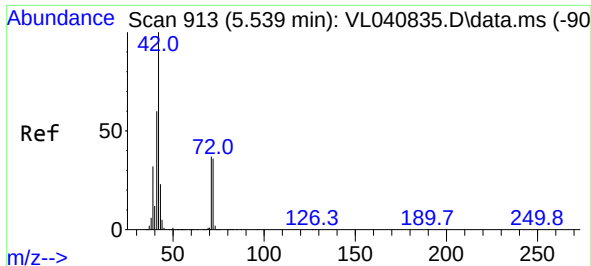
88 100

58 119.0 101.0 151.6

43 243.7 0.0 0.0#

57 1020.4 0.0 0.0#





#41

Tetrahydrofuran

Concen: 14.970 ppbv

RT: 5.552 min Scan# 91

Delta R.T. -0.022 min

Lab File: VL040841.D

Acq: 13 Nov 2023 14:36

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC015

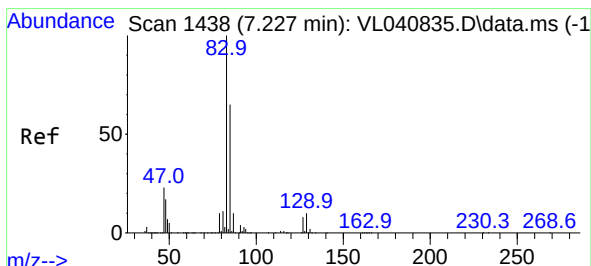
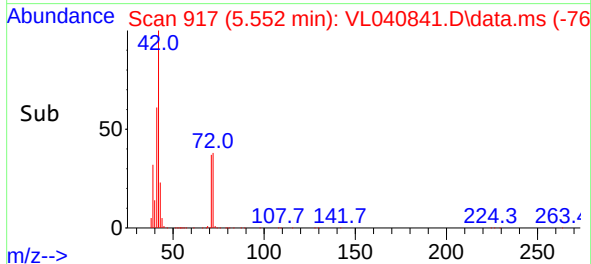
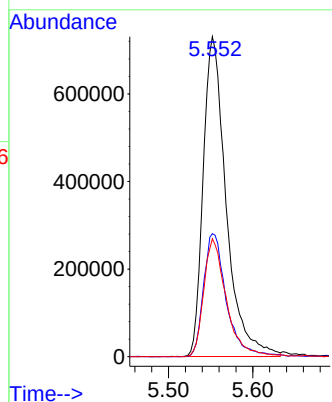
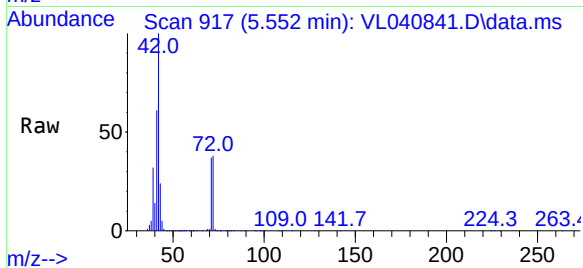
Tgt Ion: 42 Resp: 1387318

Ion Ratio Lower Upper

42 100

72 38.5 30.8 46.2

71 36.4 30.0 45.0



#42

Bromodichloromethane

Concen: 14.453 ppbv

RT: 7.243 min Scan# 1443

Delta R.T. -0.016 min

Lab File: VL040841.D

Acq: 13 Nov 2023 14:36

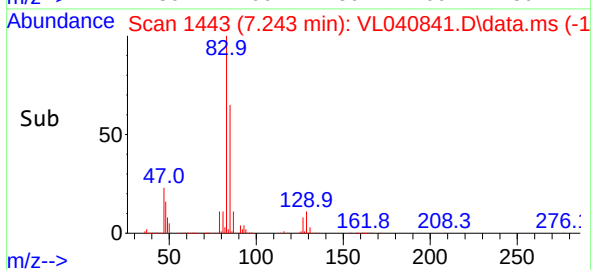
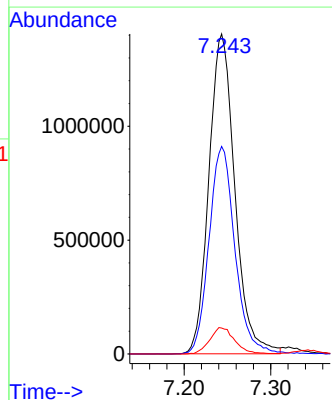
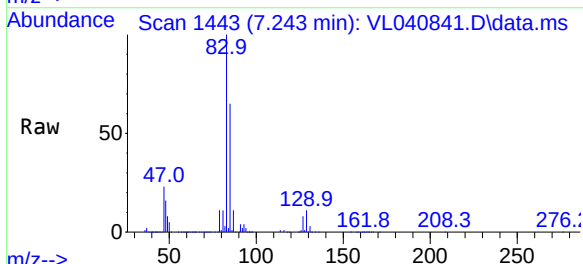
Tgt Ion: 83 Resp: 2925406

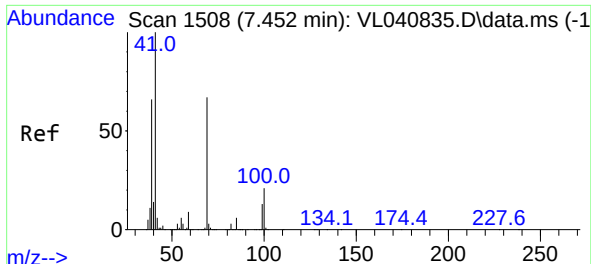
Ion Ratio Lower Upper

83 100

85 64.8 52.3 78.5

127 8.1 6.6 10.0



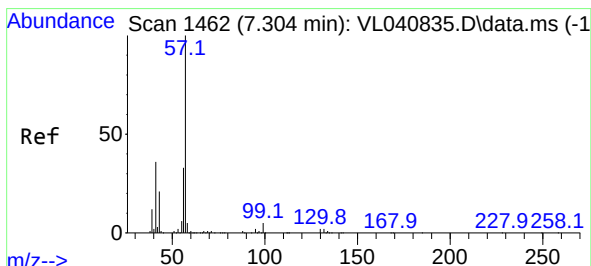
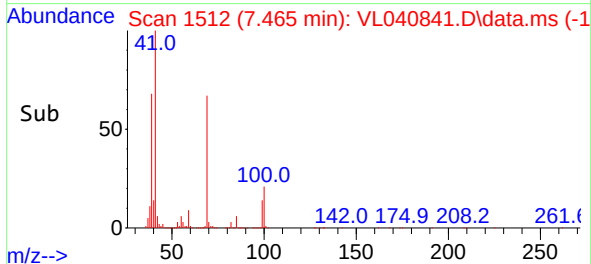
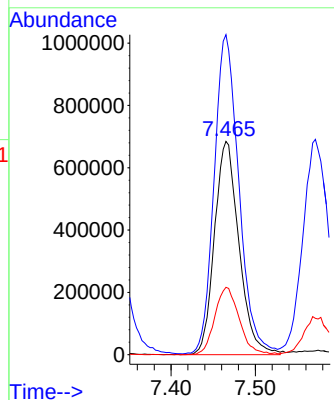
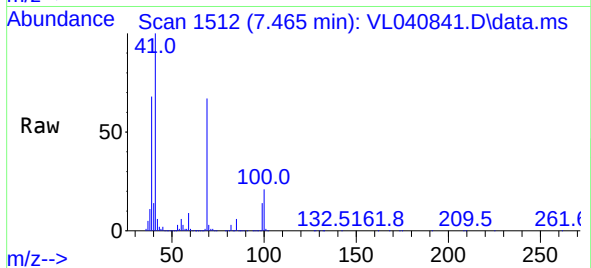


#43
Methyl Methacrylate
Concen: 15.097 ppbv
RT: 7.465 min Scan# 1512
Delta R.T. -0.013 min
Lab File: VL040841.D
Acq: 13 Nov 2023 14:36

Instrument : MSVOA_L
ClientSampleId : VSTDIC015

Tgt Ion: 69 Resp: 1379592

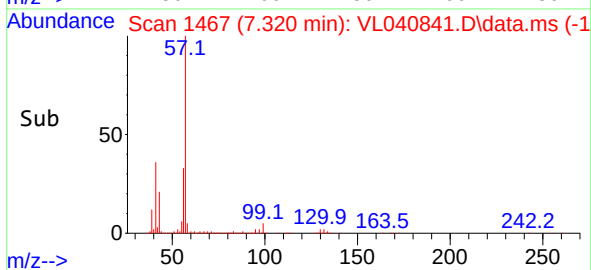
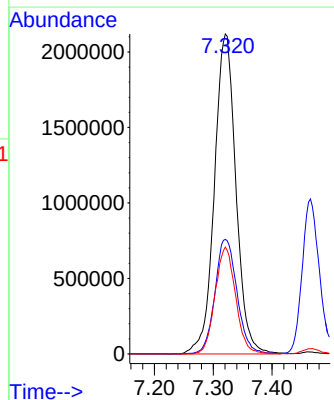
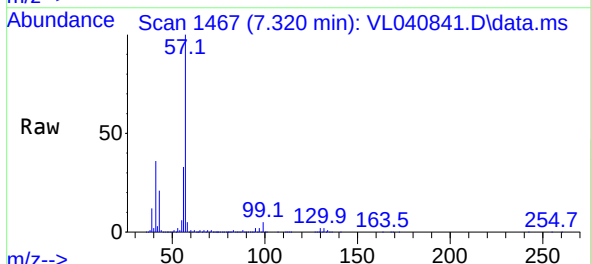
Ion	Ratio	Lower	Upper
69	100		
41	151.9	123.0	184.4
100	31.8	25.4	38.2

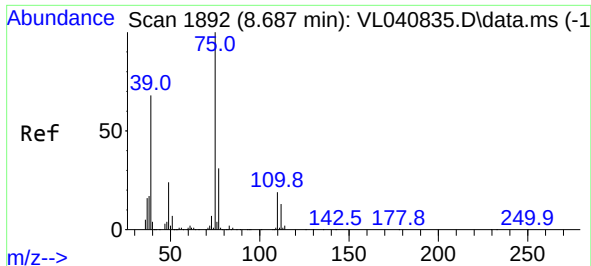


#44
2,2,4-Trimethylpentane
Concen: 13.523 ppbv
RT: 7.320 min Scan# 1467
Delta R.T. -0.013 min
Lab File: VL040841.D
Acq: 13 Nov 2023 14:36

Tgt Ion: 57 Resp: 5386934

Ion	Ratio	Lower	Upper
57	100		
41	36.8	29.0	43.6
56	31.9	25.2	37.8

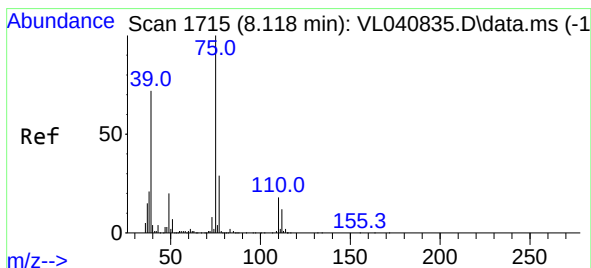
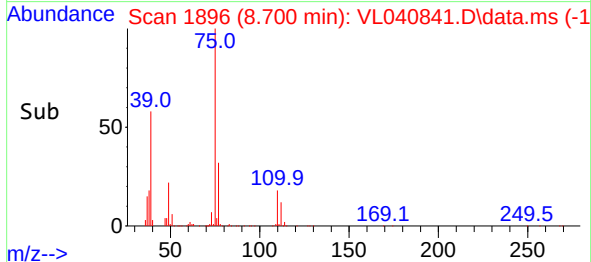
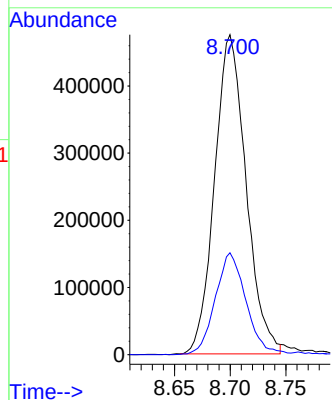
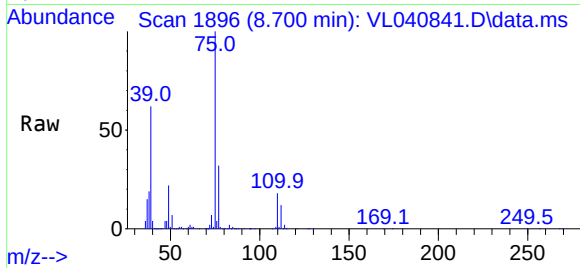




#45
 t-1,3-Dichloropropene
 Concen: 17.410 ppbv
 RT: 8.700 min Scan# 11
 Delta R.T. -0.010 min
 Lab File: VL040841.D
 Acq: 13 Nov 2023 14:36

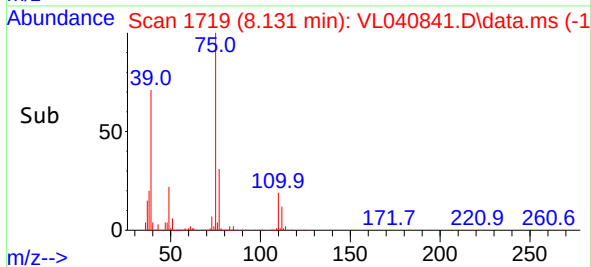
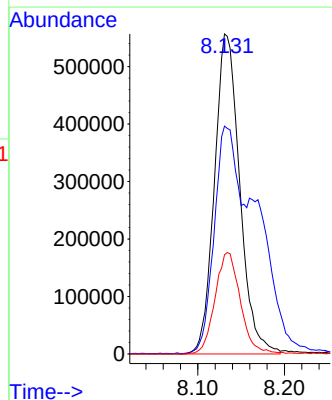
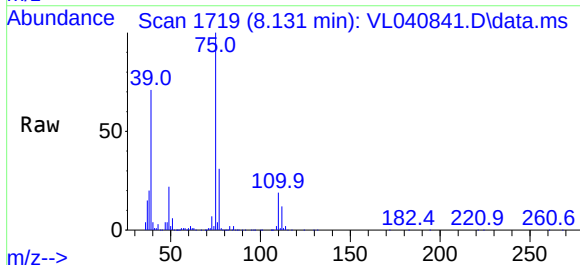
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC015

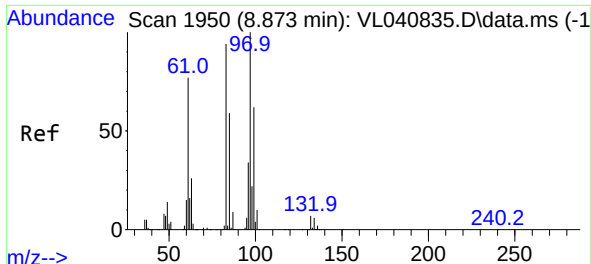
Tgt Ion: 75 Resp: 934913
 Ion Ratio Lower Upper
 75 100
 77 31.8 24.9 37.3



#46
 cis-1,3-Dichloropropene
 Concen: 16.229 ppbv
 RT: 8.131 min Scan# 1719
 Delta R.T. -0.016 min
 Lab File: VL040841.D
 Acq: 13 Nov 2023 14:36

Tgt Ion: 75 Resp: 1130024
 Ion Ratio Lower Upper
 75 100
 39 71.1 57.3 85.9
 77 31.0 23.0 34.6





#47

1,1,2-Trichloroethane

Concen: 13.970 ppbv

RT: 8.886 min Scan# 1954

Delta R.T. -0.013 min

Lab File: VL040841.D

Acq: 13 Nov 2023 14:36

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC015

Tgt Ion: 97 Resp: 1391828

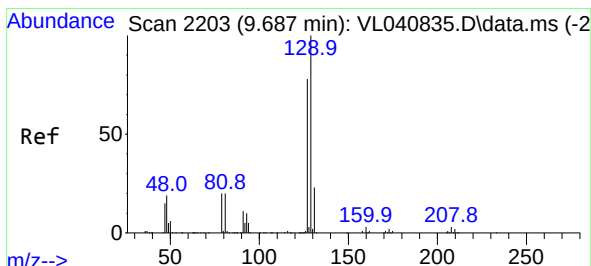
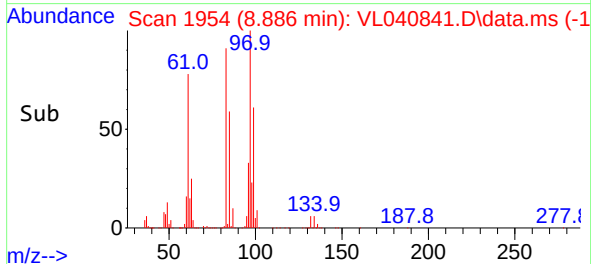
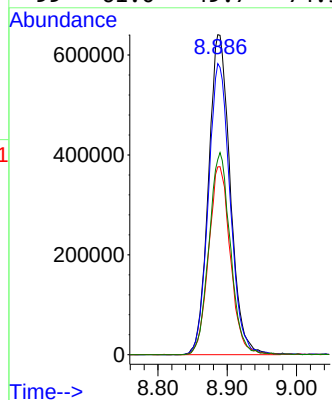
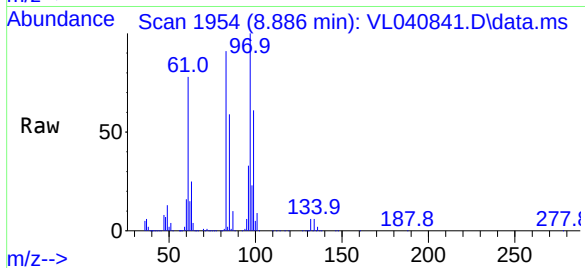
Ion Ratio Lower Upper

97 100

83 90.9 74.8 112.2

85 58.7 47.4 71.0

99 61.0 49.7 74.5



#48

Dibromochloromethane

Concen: 14.987 ppbv

RT: 9.700 min Scan# 2207

Delta R.T. -0.013 min

Lab File: VL040841.D

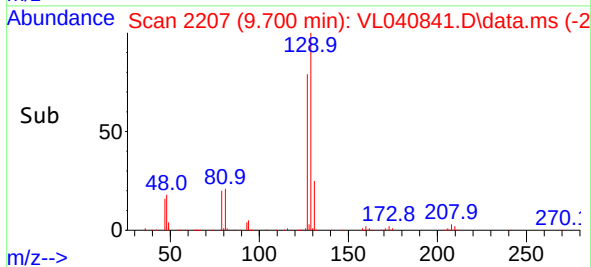
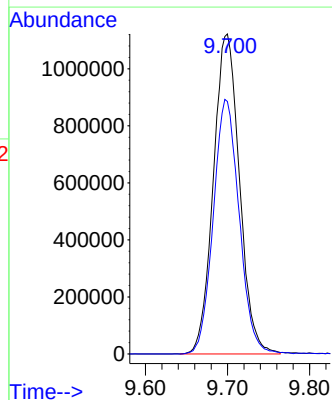
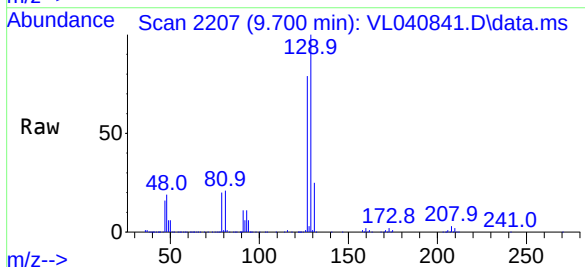
Acq: 13 Nov 2023 14:36

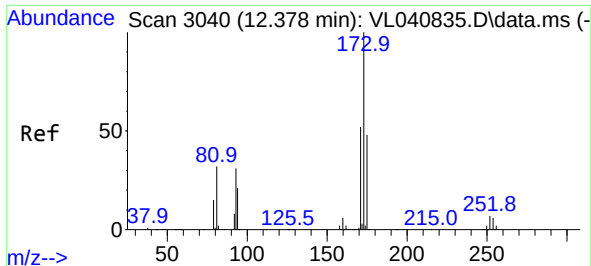
Tgt Ion: 129 Resp: 2477607

Ion Ratio Lower Upper

129 100

127 79.3 39.3 117.9

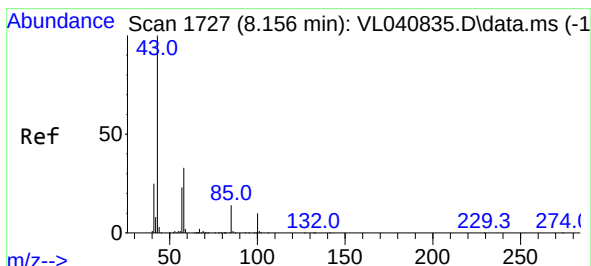
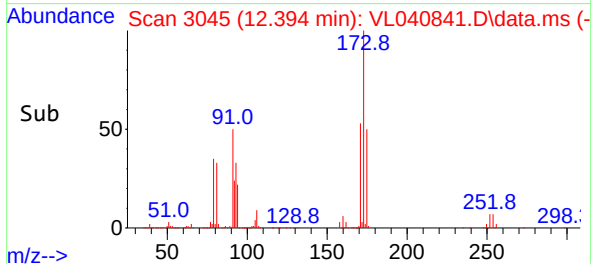
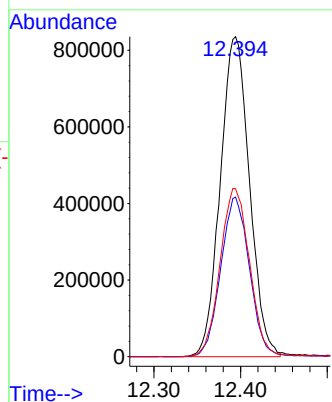
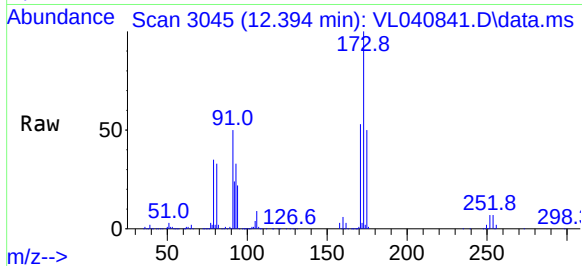




#49
Bromoform
Concen: 15.735 ppbv
RT: 12.394 min Scan# 3045
Delta R.T. -0.010 min
Lab File: VL040841.D
Acq: 13 Nov 2023 14:36

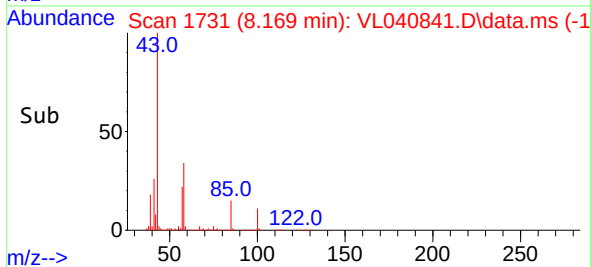
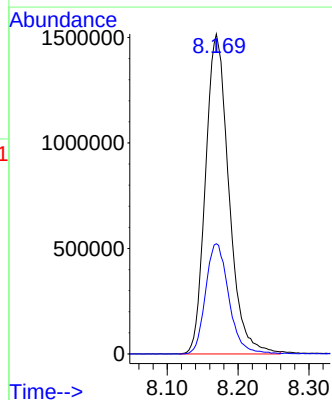
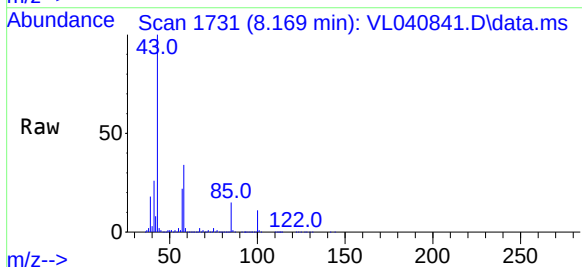
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

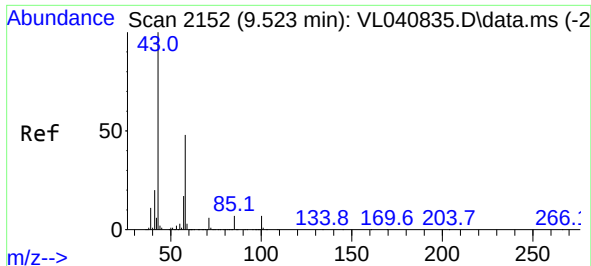
Tgt Ion:173 Resp: 1956604
Ion Ratio Lower Upper
173 100
175 49.6 39.0 58.6
171 53.4 41.8 62.6



#50
4-Methyl-2-Pentanone
Concen: 14.887 ppbv
RT: 8.169 min Scan# 1731
Delta R.T. -0.016 min
Lab File: VL040841.D
Acq: 13 Nov 2023 14:36

Tgt Ion: 43 Resp: 3467974
Ion Ratio Lower Upper
43 100
58 34.6 27.8 41.6



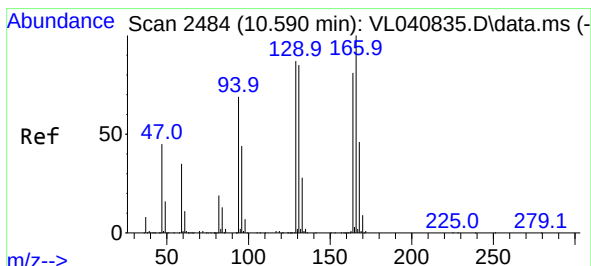
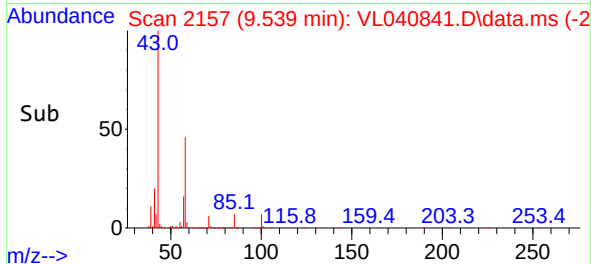
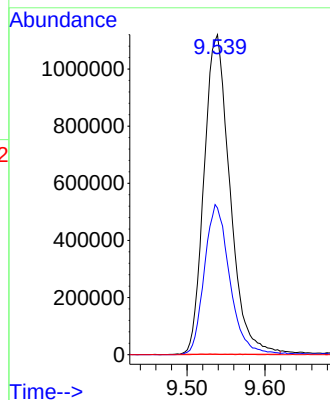
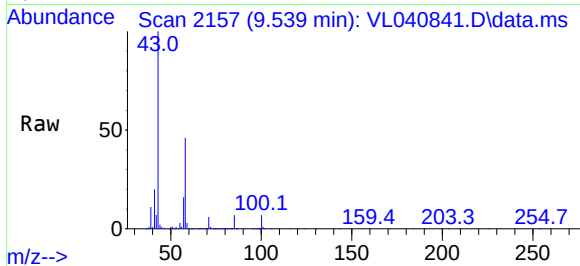


#51
2-Hexanone
Concen: 15.682 ppbv
RT: 9.539 min Scan# 2152
Delta R.T. -0.010 min
Lab File: VL040841.D
Acq: 13 Nov 2023 14:36

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

Tgt Ion: 43 Resp: 2575144

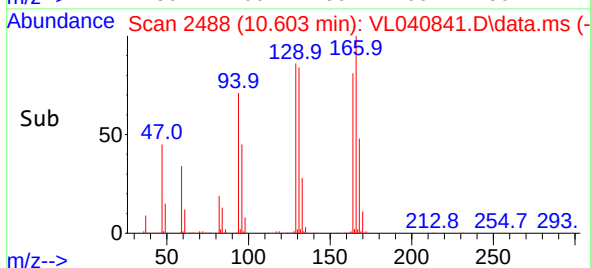
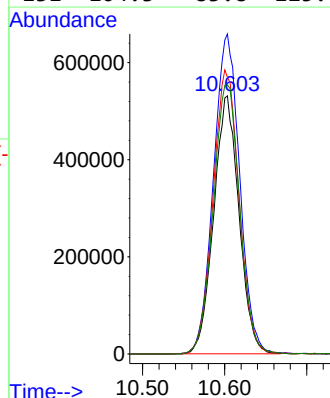
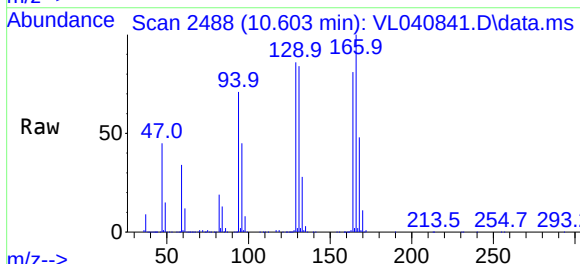
Ion	Ratio	Lower	Upper
43	100		
58	46.8	37.4	56.2
98	0.2	0.2	0.2

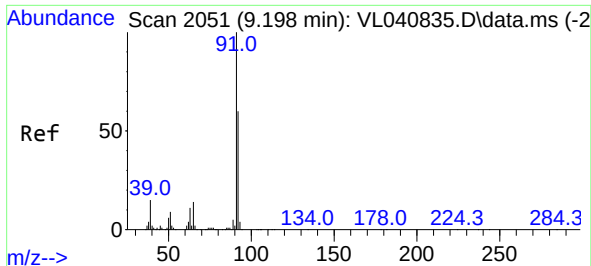


#52
Tetrachloroethene
Concen: 14.073 ppbv
RT: 10.603 min Scan# 2488
Delta R.T. -0.013 min
Lab File: VL040841.D
Acq: 13 Nov 2023 14:36

Tgt Ion: 164 Resp: 1136448

Ion	Ratio	Lower	Upper
164	100		
166	124.0	98.3	147.5
129	107.2	85.1	127.7
131	104.3	83.8	125.6

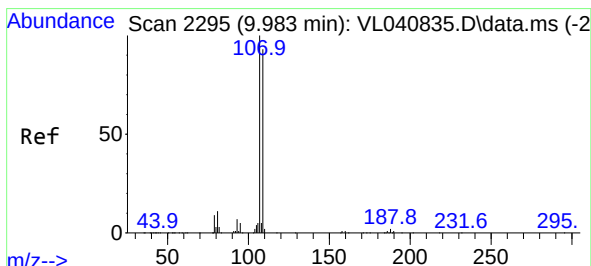
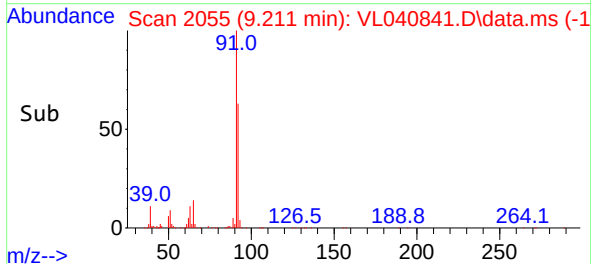
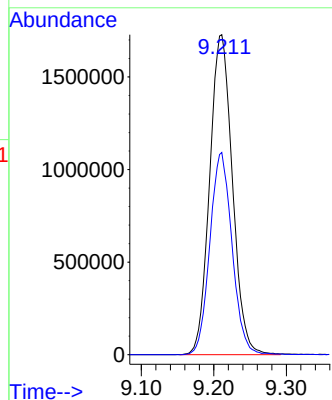
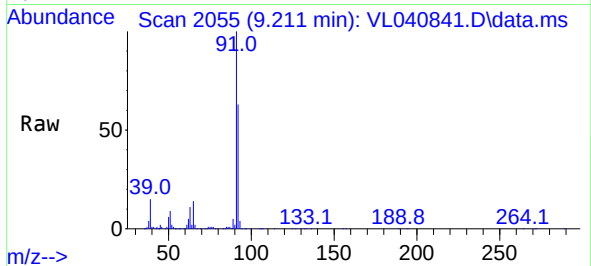




#53
Toluene
Concen: 14.269 ppbv
RT: 9.211 min Scan# 2051
Delta R.T. -0.013 min
Lab File: VL040841.D
Acq: 13 Nov 2023 14:36

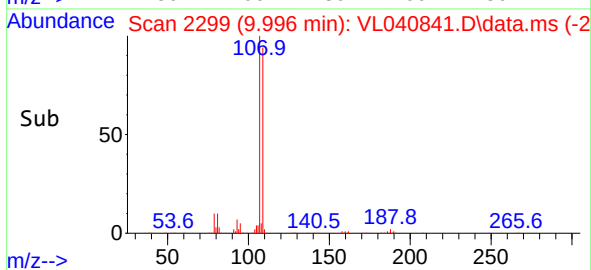
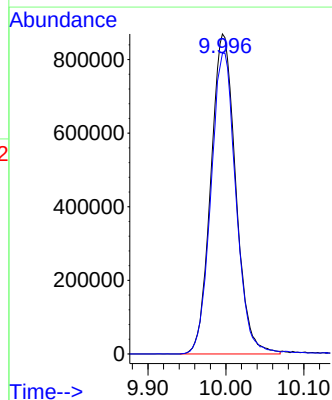
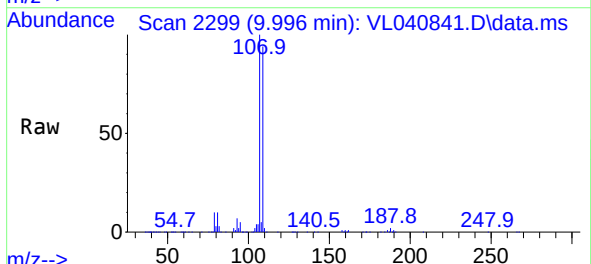
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

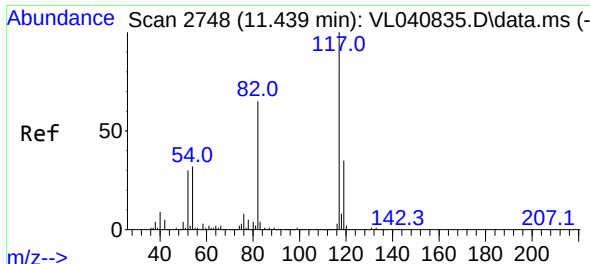
Tgt Ion: 91 Resp: 3765460
Ion Ratio Lower Upper
91 100
92 61.8 49.4 74.2



#54
1,2-Dibromoethane
Concen: 15.047 ppbv
RT: 9.996 min Scan# 2299
Delta R.T. -0.013 min
Lab File: VL040841.D
Acq: 13 Nov 2023 14:36

Tgt Ion: 107 Resp: 1929240
Ion Ratio Lower Upper
107 100
109 94.0 74.5 111.7

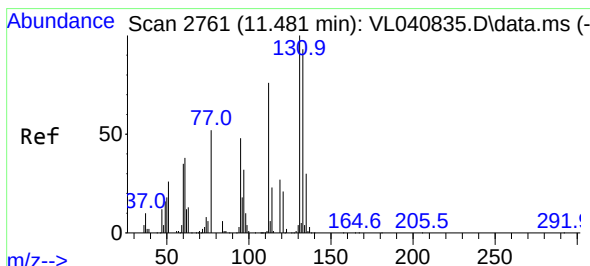
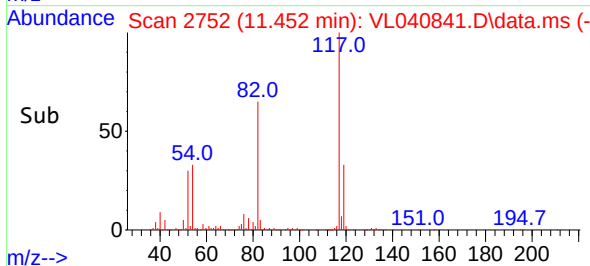
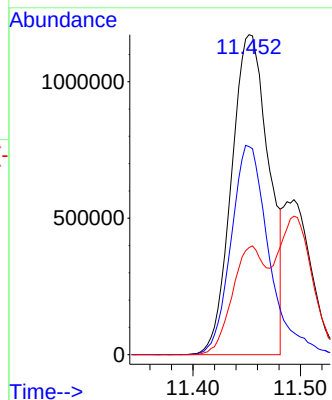
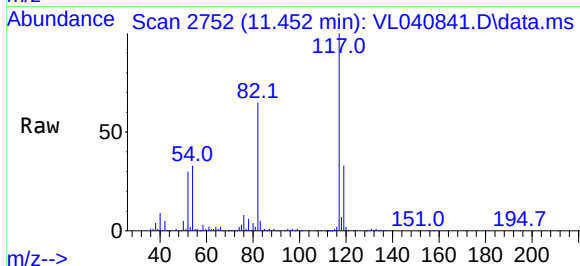




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.452 min Scan# 21
Delta R.T. -0.010 min
Lab File: VL040841.D
Acq: 13 Nov 2023 14:36

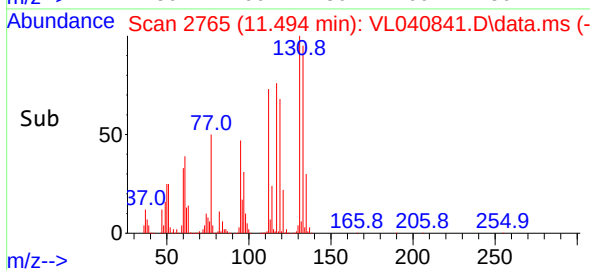
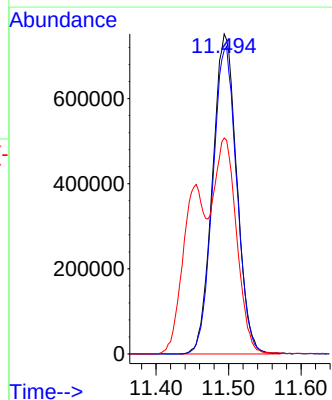
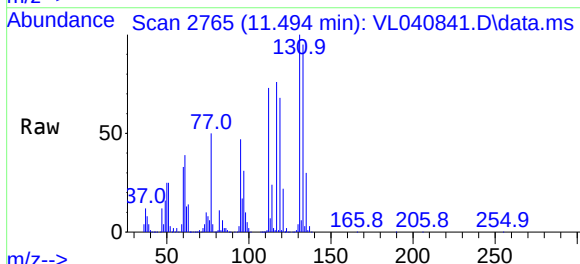
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

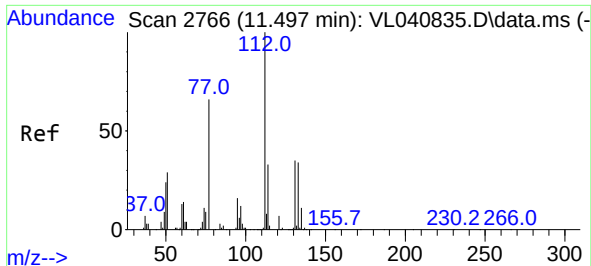
Tgt Ion:117 Resp: 2843385
Ion Ratio Lower Upper
117 100
82 66.6 50.6 75.8
119 30.8 23.3 34.9



#56
1,1,1,2-Tetrachloroethane
Concen: 14.333 ppbv
RT: 11.494 min Scan# 2765
Delta R.T. -0.013 min
Lab File: VL040841.D
Acq: 13 Nov 2023 14:36

Tgt Ion:131 Resp: 1744212
Ion Ratio Lower Upper
131 100
133 95.5 76.4 114.6
119 65.4 51.1 76.7

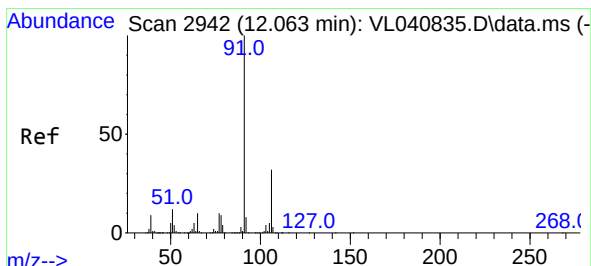
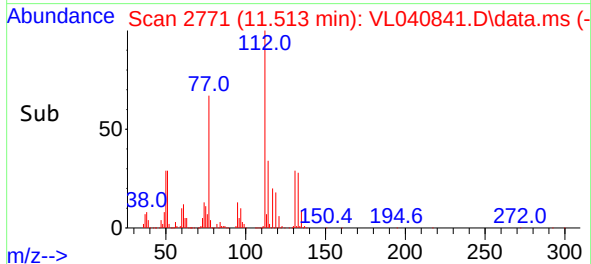
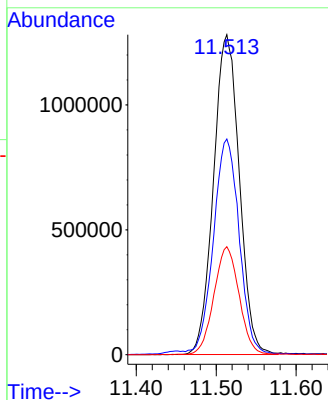
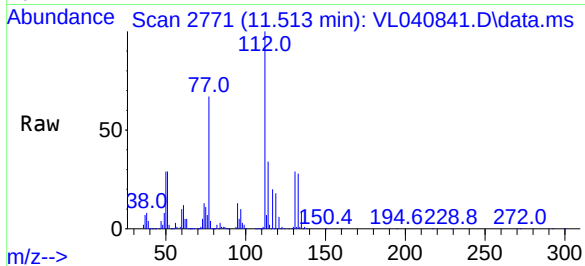




#57
Chlorobenzene
Concen: 13.632 ppbv
RT: 11.513 min Scan# 211
Delta R.T. -0.010 min
Lab File: VL040841.D
Acq: 13 Nov 2023 14:36

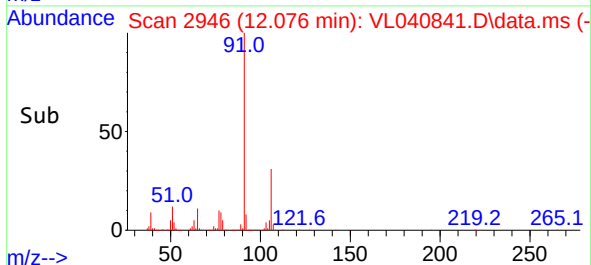
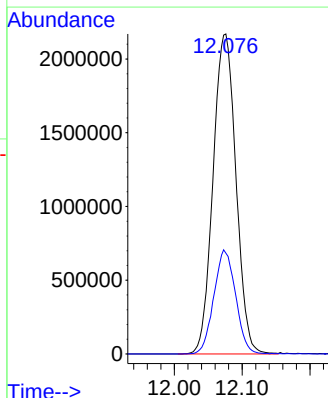
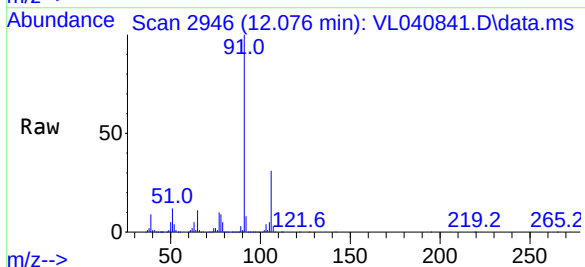
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

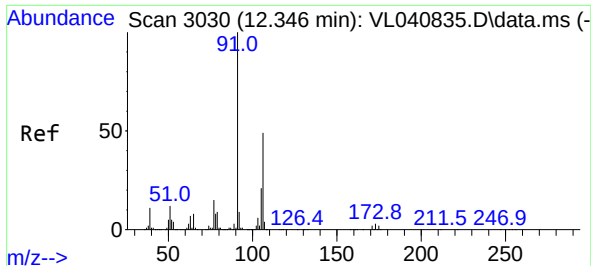
Tgt Ion:112 Resp: 2872882
Ion Ratio Lower Upper
112 100
77 67.0 53.3 79.9
114 33.6 29.3 35.9



#58
Ethyl Benzene
Concen: 13.726 ppbv
RT: 12.076 min Scan# 2946
Delta R.T. -0.010 min
Lab File: VL040841.D
Acq: 13 Nov 2023 14:36

Tgt Ion: 91 Resp: 5092254
Ion Ratio Lower Upper
91 100
106 31.5 25.2 37.8





#59

m/p-Xylene

Concen: 14.838 ppbv

RT: 12.356 min Scan# 3033

Delta R.T. -0.013 min

Lab File: VL040841.D

Acq: 13 Nov 2023 14:36

Instrument :

MSVOA_L

ClientSampleId :

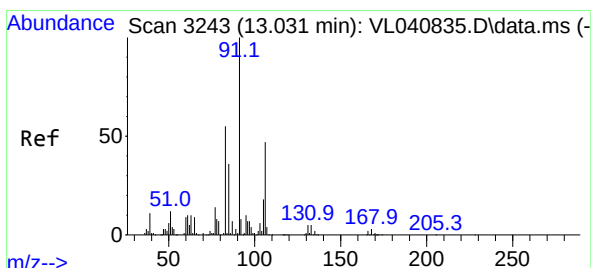
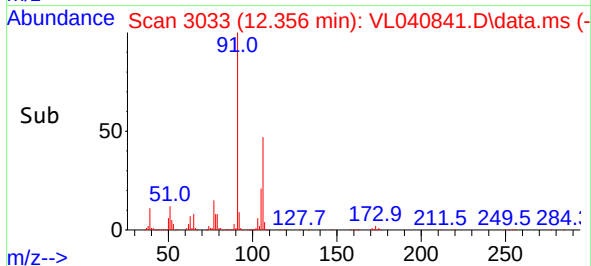
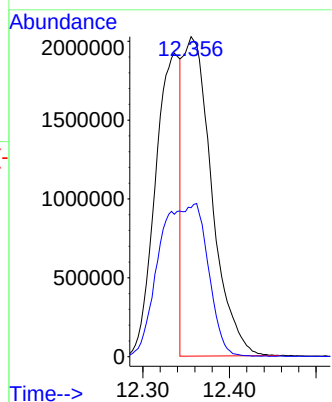
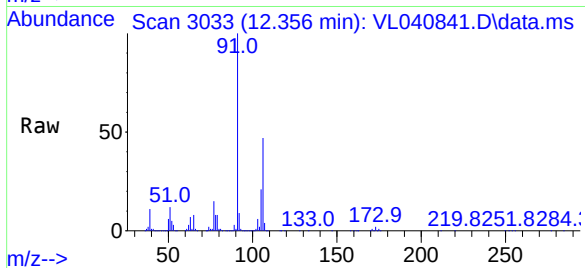
VSTDIC015

Tgt Ion: 91 Resp: 4687648

Ion Ratio Lower Upper

91 100

106 81.3 35.4 53.0#



#60

o-Xylene

Concen: 13.416 ppbv

RT: 13.047 min Scan# 3248

Delta R.T. -0.006 min

Lab File: VL040841.D

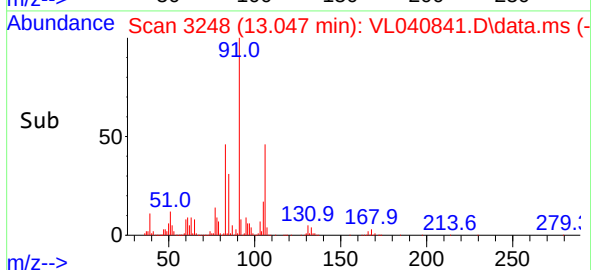
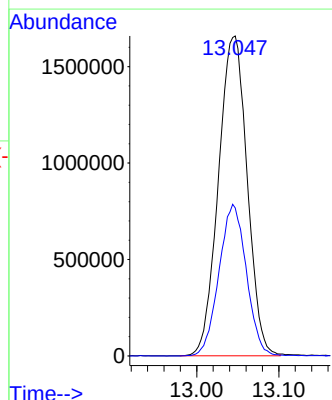
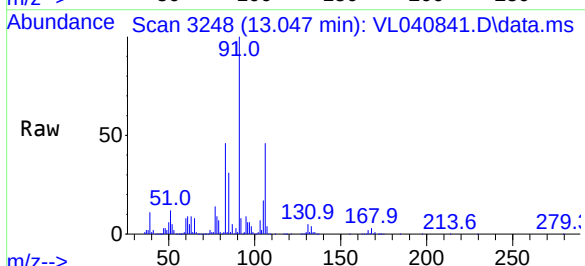
Acq: 13 Nov 2023 14:36

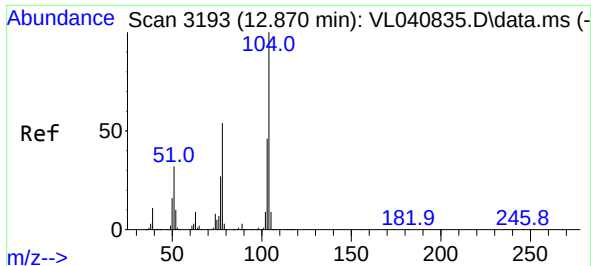
Tgt Ion: 91 Resp: 4034965

Ion Ratio Lower Upper

91 100

106 45.3 22.9 68.5

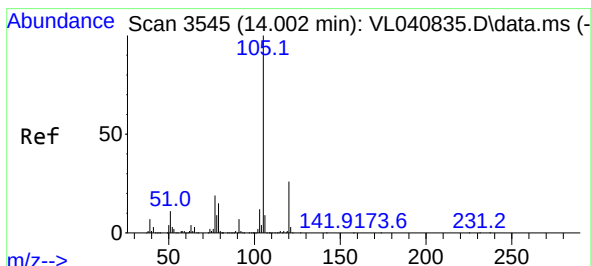
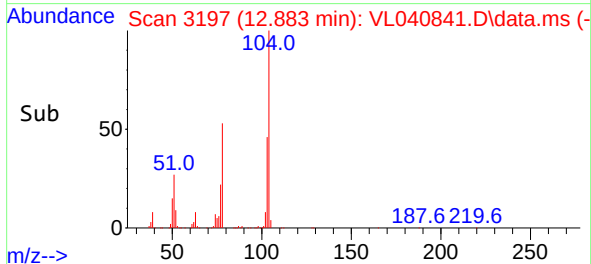
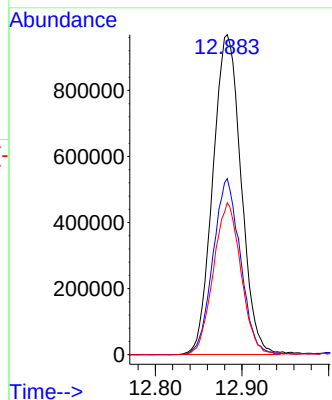
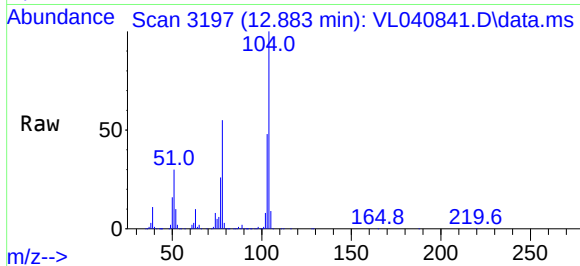




#61
Styrene
Concen: 15.103 ppbv
RT: 12.883 min Scan# 3197
Delta R.T. -0.010 min
Lab File: VL040841.D
Acq: 13 Nov 2023 14:36

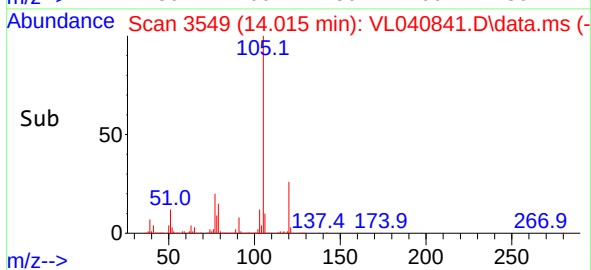
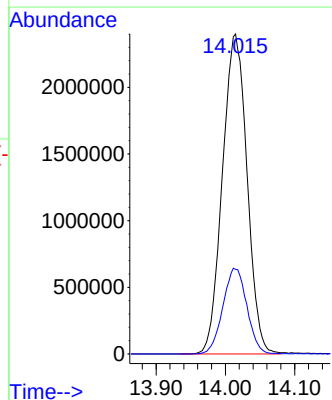
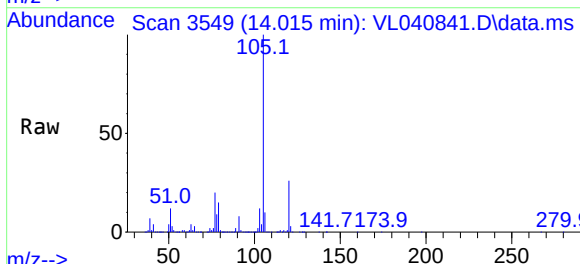
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

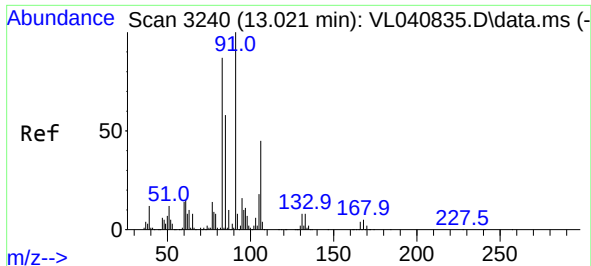
Tgt Ion:104 Resp: 2190519
Ion Ratio Lower Upper
104 100
78 53.8 43.3 64.9
103 46.7 37.6 56.4



#62
Isopropylbenzene
Concen: 13.331 ppbv
RT: 14.015 min Scan# 3549
Delta R.T. -0.010 min
Lab File: VL040841.D
Acq: 13 Nov 2023 14:36

Tgt Ion:105 Resp: 5923546
Ion Ratio Lower Upper
105 100
120 26.1 20.7 31.1

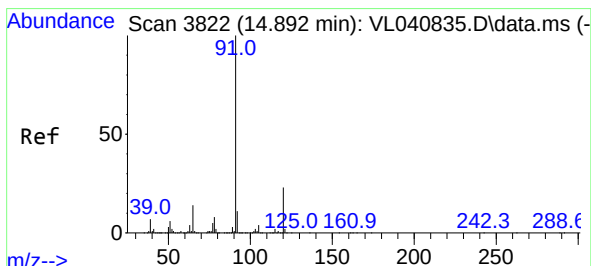
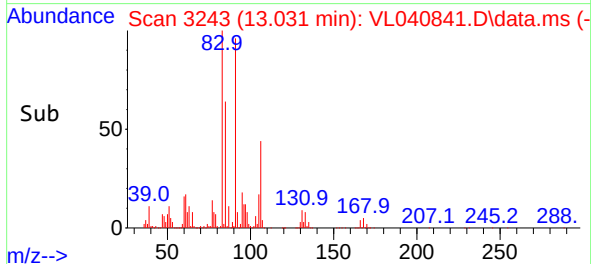
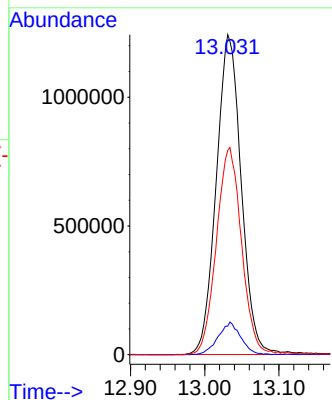
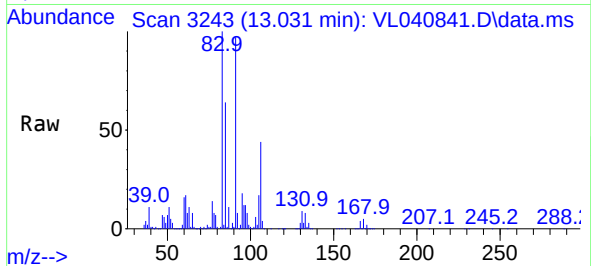




#63
1,1,2,2-Tetrachloroethane
Concen: 13.615 ppbv
RT: 13.031 min Scan# 31
Delta R.T. -0.010 min
Lab File: VL040841.D
Acq: 13 Nov 2023 14:36

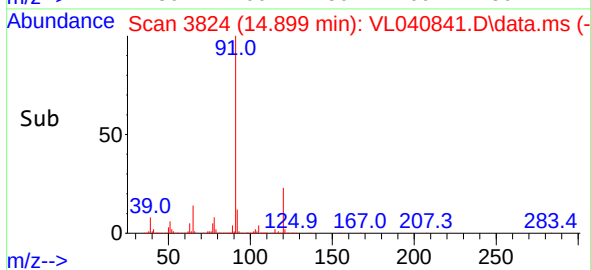
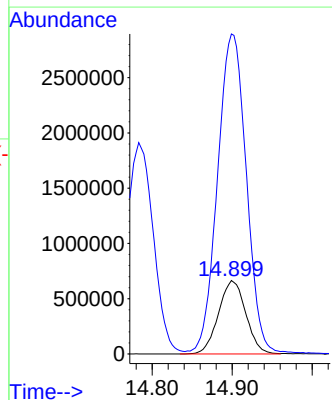
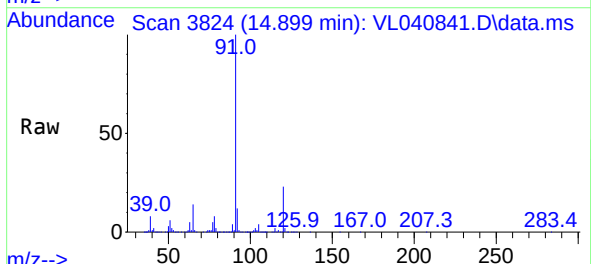
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

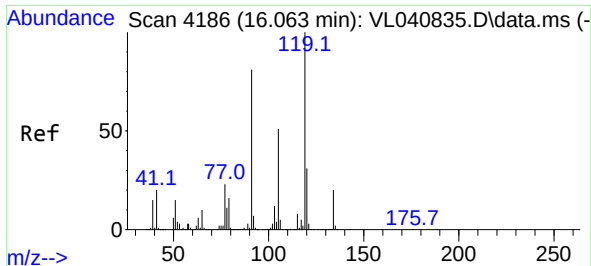
Tgt Ion: 83 Resp: 2902261
Ion Ratio Lower Upper
83 100
131 9.3 4.5 13.7
85 66.0 32.9 98.7



#64
n-propylbenzene
Concen: 14.124 ppbv
RT: 14.899 min Scan# 3824
Delta R.T. -0.010 min
Lab File: VL040841.D
Acq: 13 Nov 2023 14:36

Tgt Ion:120 Resp: 1572831
Ion Ratio Lower Upper
120 100
91 462.2 381.1 571.7

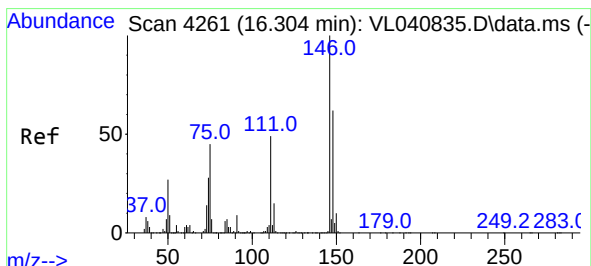
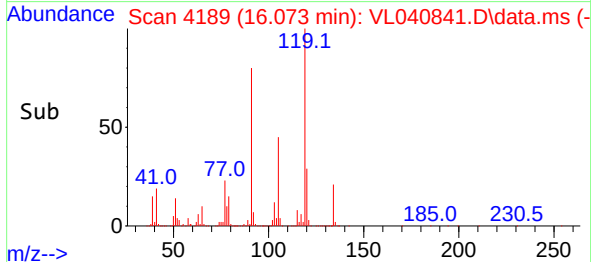
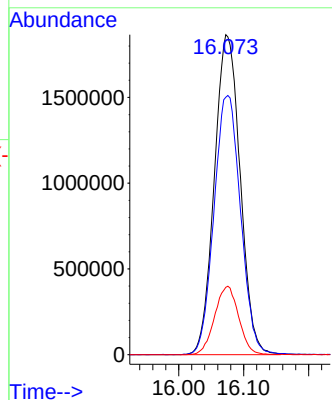
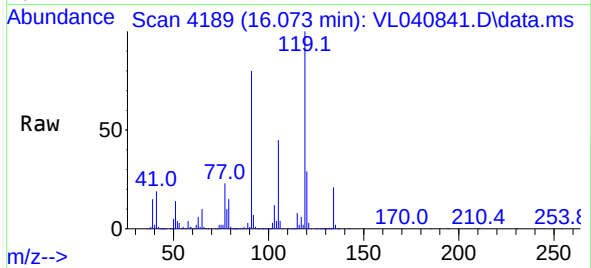




#65
tert-Butylbenzene
Concen: 13.714 ppbv
RT: 16.073 min Scan# 4186
Delta R.T. -0.010 min
Lab File: VL040841.D
Acq: 13 Nov 2023 14:36

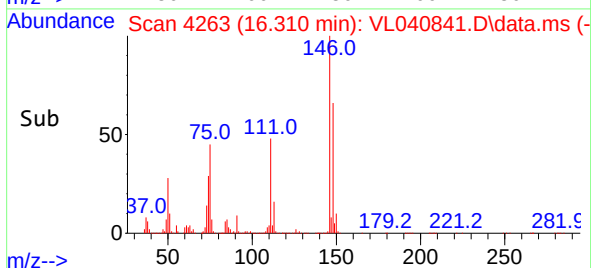
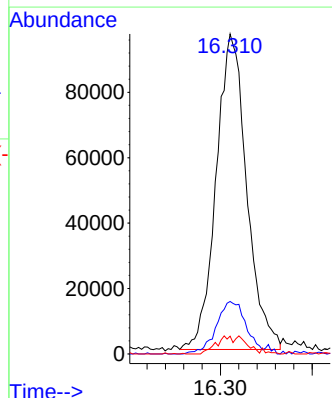
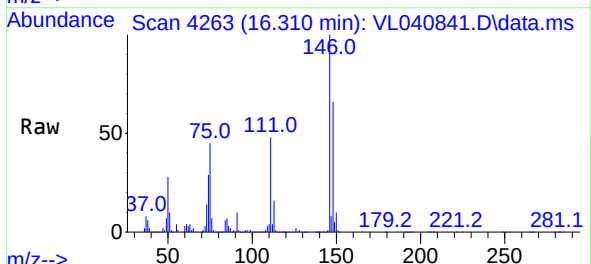
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

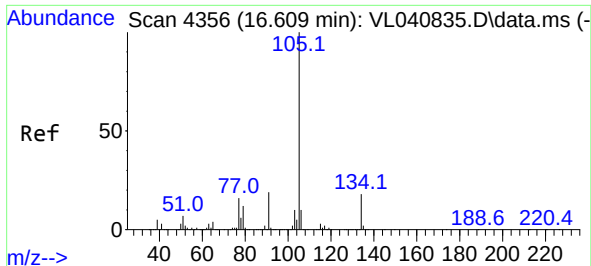
Tgt Ion:119 Resp: 5138060
Ion Ratio Lower Upper
119 100
91 83.7 67.5 101.3
134 20.0 15.9 23.9



#66
Benzyl Chloride
Concen: 16.198 ppbv
RT: 16.310 min Scan# 4263
Delta R.T. -0.016 min
Lab File: VL040841.D
Acq: 13 Nov 2023 14:36

Tgt Ion: 91 Resp: 223617
Ion Ratio Lower Upper
91 100
126 16.8 12.8 19.2
128 5.8 0.0 0.0#

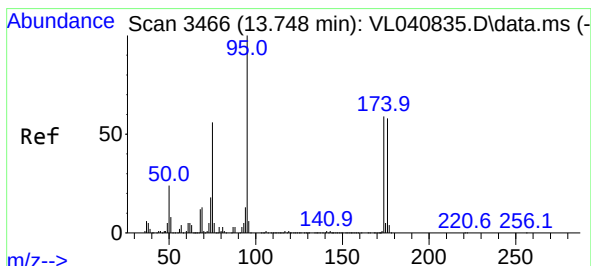
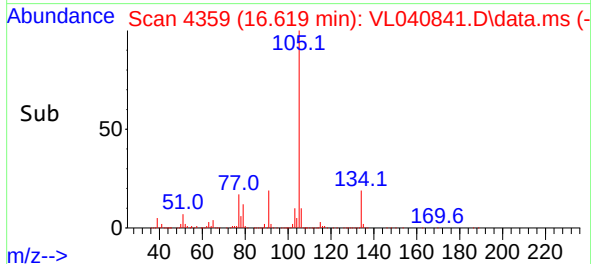
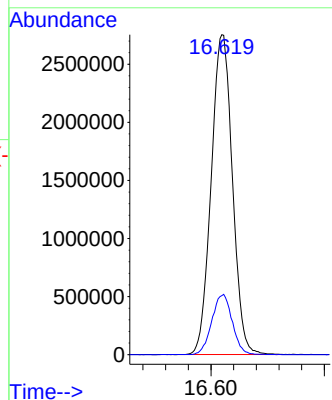
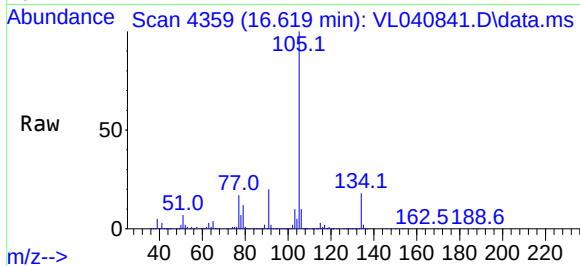




#67
 sec-Butylbenzene
 Concen: 13.374 ppbv
 RT: 16.619 min Scan# 41
 Delta R.T. -0.010 min
 Lab File: VL040841.D
 Acq: 13 Nov 2023 14:36

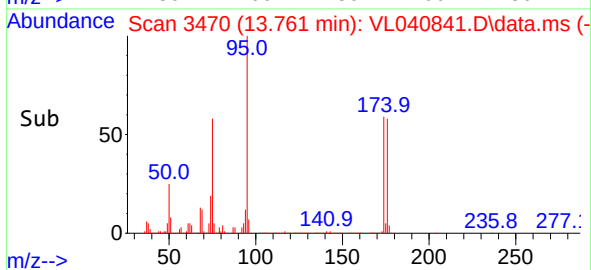
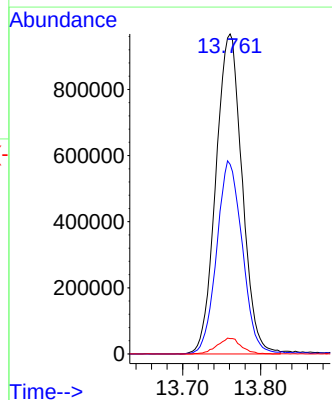
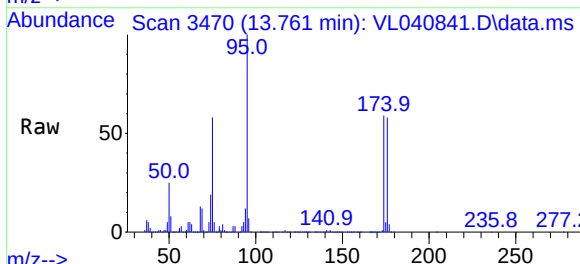
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC015

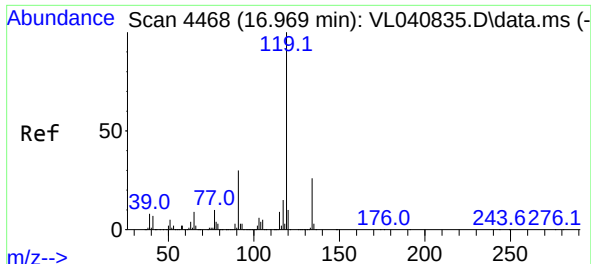
Tgt Ion:105 Resp: 7157377
 Ion Ratio Lower Upper
 105 100
 134 18.3 14.3 21.5



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.163 ppbv
 RT: 13.761 min Scan# 3470
 Delta R.T. -0.010 min
 Lab File: VL040841.D
 Acq: 13 Nov 2023 14:36

Tgt Ion: 95 Resp: 2262487
 Ion Ratio Lower Upper
 95 100
 174 59.4 47.5 71.3
 175 4.6 3.6 5.4

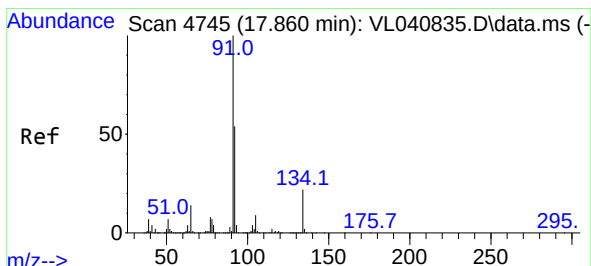
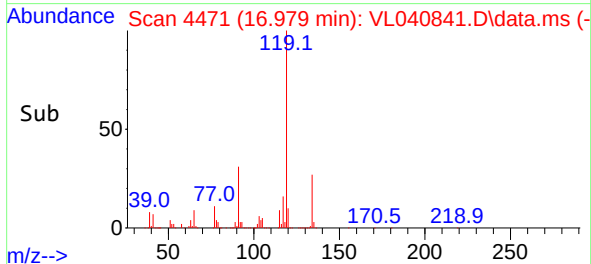
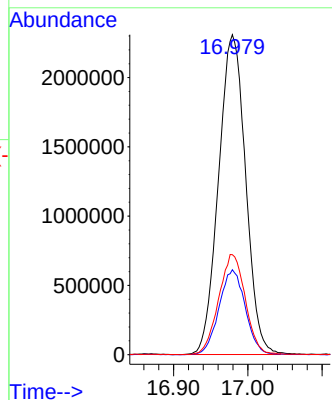
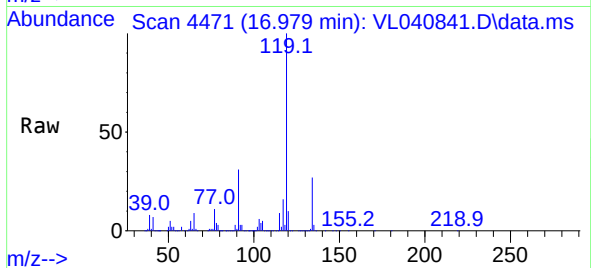




#69
p-Isopropyltoluene
Concen: 13.700 ppbv
RT: 16.979 min Scan# 4468
Delta R.T. -0.006 min
Lab File: VL040841.D
Acq: 13 Nov 2023 14:36

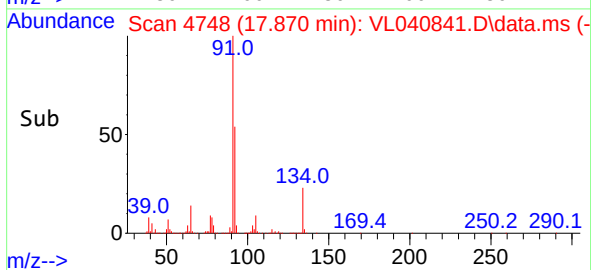
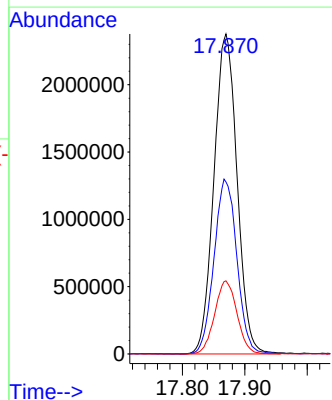
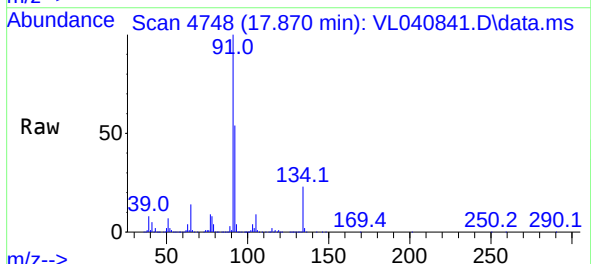
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

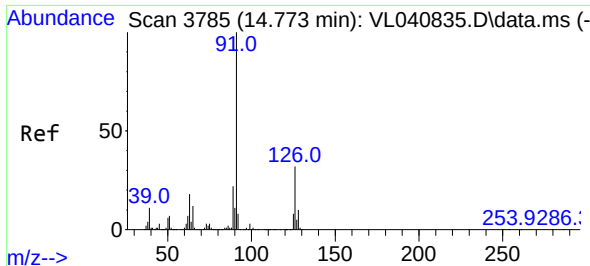
Tgt Ion:119 Resp: 5846564
Ion Ratio Lower Upper
119 100
134 25.8 20.5 30.7
91 30.8 24.7 37.1



#70
n-Butylbenzene
Concen: 13.583 ppbv
RT: 17.870 min Scan# 4748
Delta R.T. -0.010 min
Lab File: VL040841.D
Acq: 13 Nov 2023 14:36

Tgt Ion: 91 Resp: 6120870
Ion Ratio Lower Upper
91 100
92 54.1 43.4 65.2
134 22.1 17.4 26.0

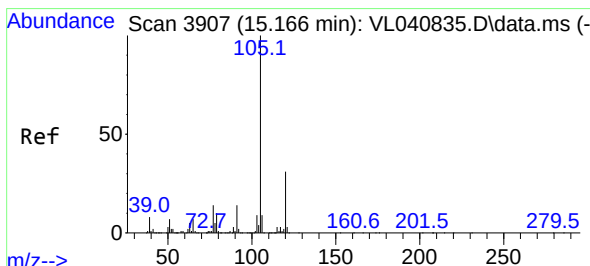
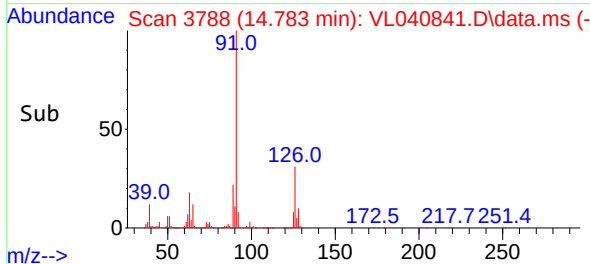
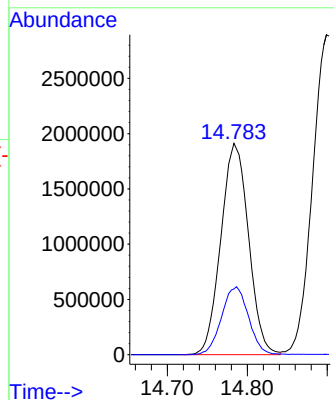
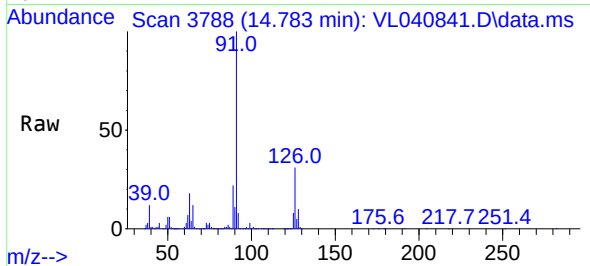




#71
2-Chlorotoluene
Concen: 13.558 ppbv
RT: 14.783 min Scan# 31
Delta R.T. -0.013 min
Lab File: VL040841.D
Acq: 13 Nov 2023 14:36

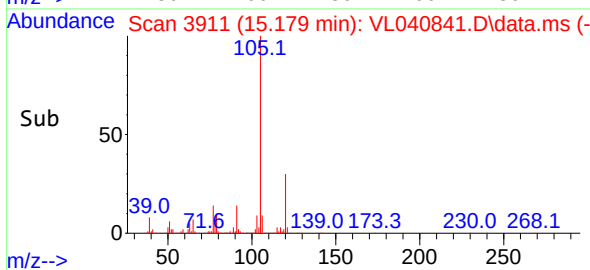
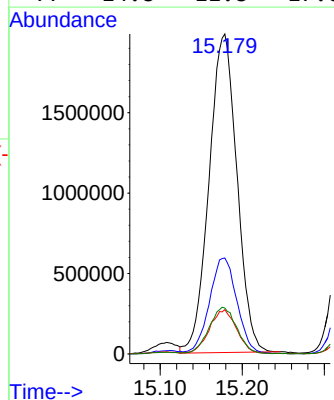
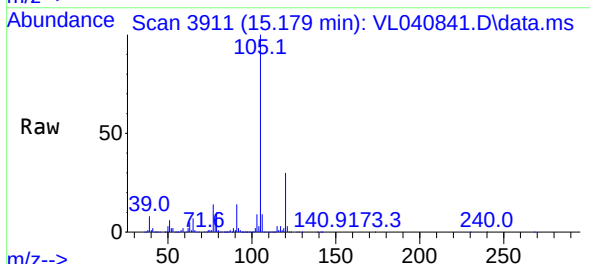
Instrument :
MSVOA_L
ClientSampleId :
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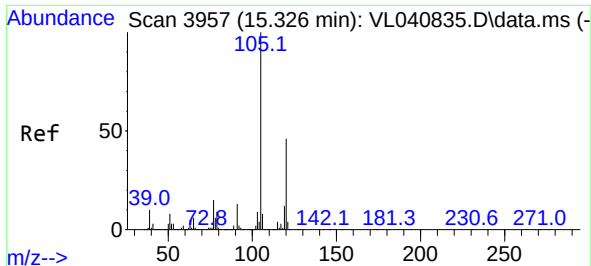
Tgt Ion: 91 Resp: 4592325
Ion Ratio Lower Upper
91 100
126 31.5 12.1 48.5



#72
4-Ethyltoluene
Concen: 14.158 ppbv
RT: 15.179 min Scan# 3911
Delta R.T. -0.006 min
Lab File: VL040841.D
Acq: 13 Nov 2023 14:36

Tgt Ion: 105 Resp: 4680921
Ion Ratio Lower Upper
105 100
120 31.0 24.5 36.7
91 13.6 10.6 16.0
77 14.8 11.8 17.6

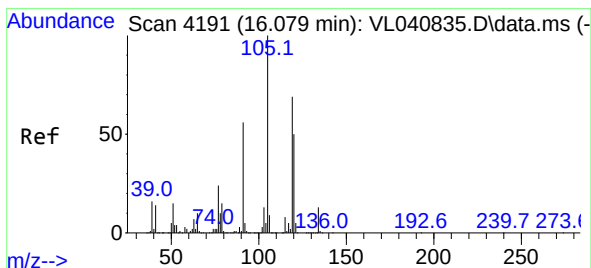
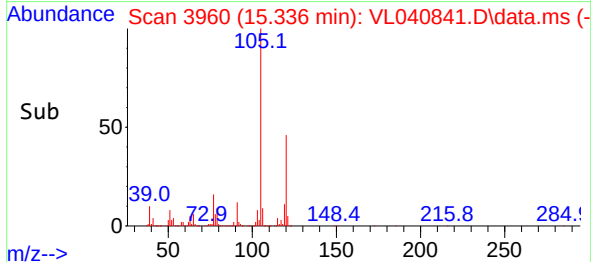
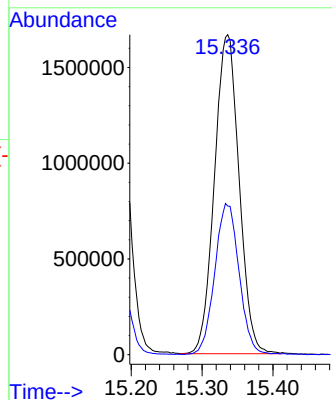
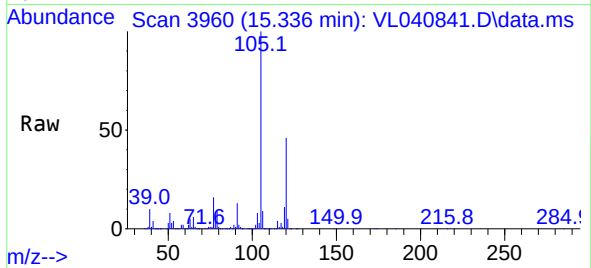




#73
 1,3,5-Trimethylbenzene
 Concen: 13.779 ppbv
 RT: 15.336 min Scan# 3957
 Delta R.T. -0.006 min
 Lab File: VL040841.D
 Acq: 13 Nov 2023 14:36

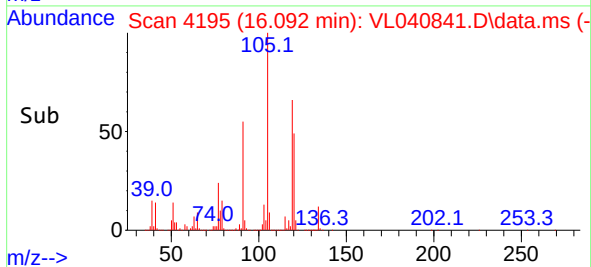
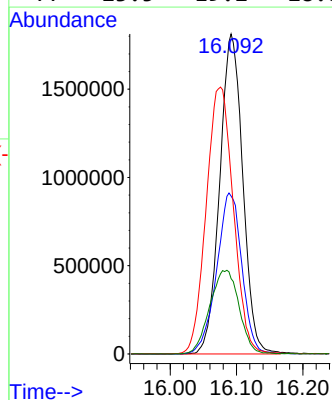
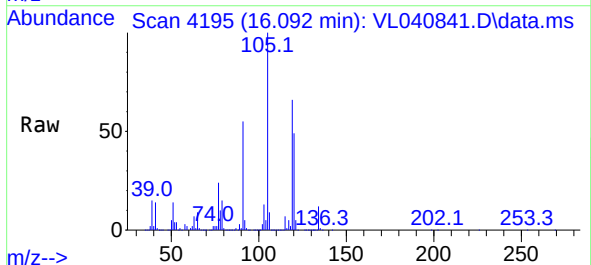
Instrument :
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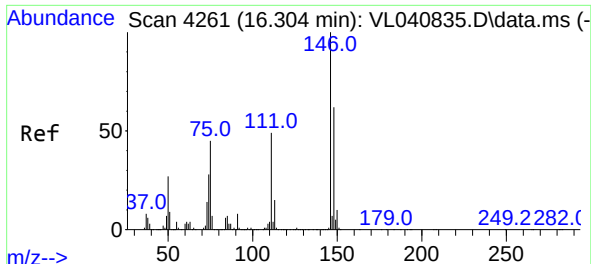
Tgt Ion:105 Resp: 4028905
 Ion Ratio Lower Upper
 105 100
 120 46.4 36.8 55.2



#74
 1,2,4-Trimethylbenzene
 Concen: 13.407 ppbv
 RT: 16.092 min Scan# 4195
 Delta R.T. -0.010 min
 Lab File: VL040841.D
 Acq: 13 Nov 2023 14:36

Tgt Ion:105 Resp: 4374664
 Ion Ratio Lower Upper
 105 100
 120 49.3 40.2 60.2
 91 54.9 45.7 68.5
 77 23.5 19.2 28.8

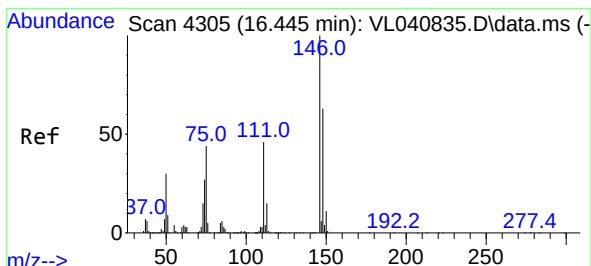
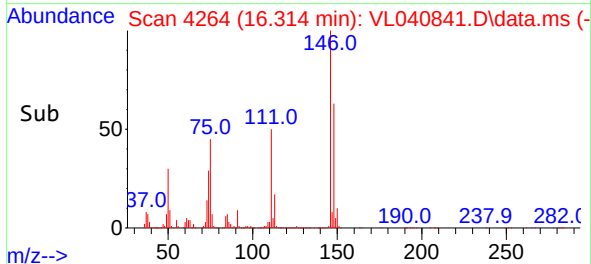
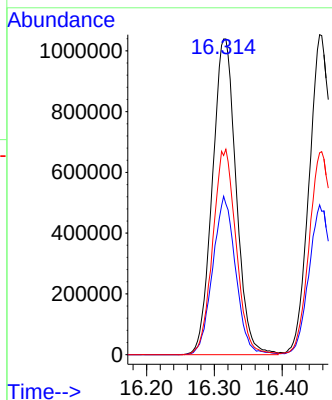
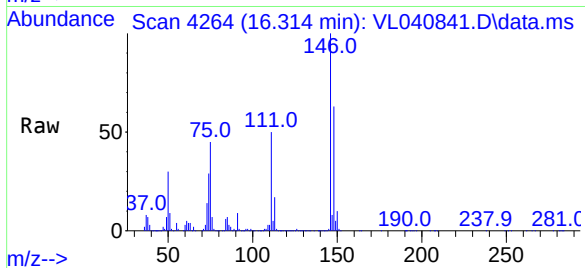




#75
1,3-Dichlorobenzene
Concen: 14.043 ppbv
RT: 16.314 min Scan# 41
Delta R.T. -0.010 min
Lab File: VL040841.D
Acq: 13 Nov 2023 14:36

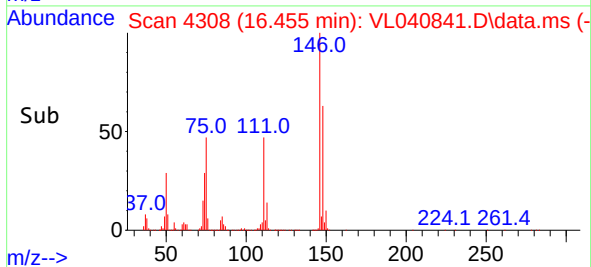
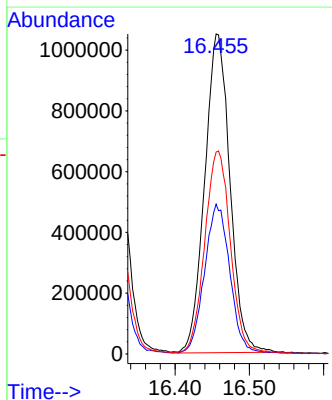
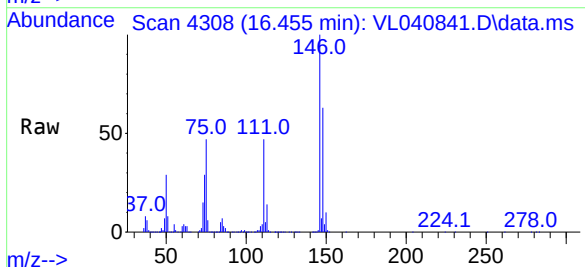
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ClientSampleId :
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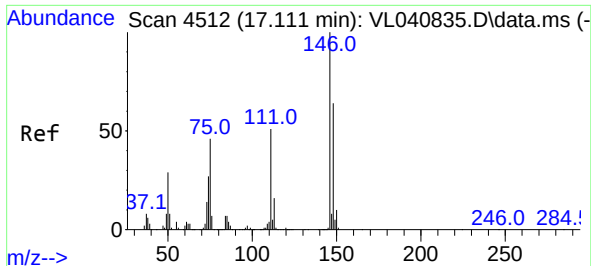
Tgt Ion:146 Resp: 2530152
Ion Ratio Lower Upper
146 100
111 48.6 24.9 74.8
148 64.1 32.1 96.5



#76
1,4-Dichlorobenzene
Concen: 14.365 ppbv
RT: 16.455 min Scan# 4308
Delta R.T. -0.010 min
Lab File: VL040841.D
Acq: 13 Nov 2023 14:36

Tgt Ion:146 Resp: 2477796
Ion Ratio Lower Upper
146 100
111 47.4 24.1 72.4
148 65.3 32.3 96.9

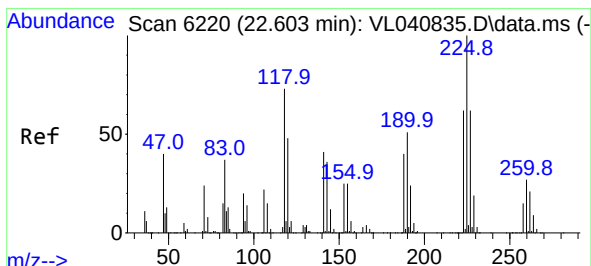
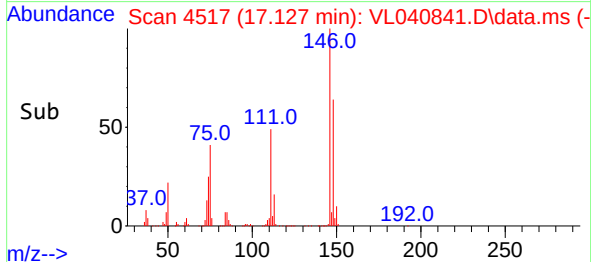
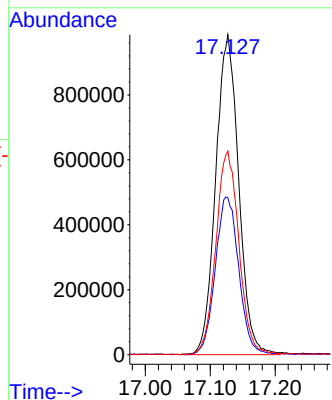
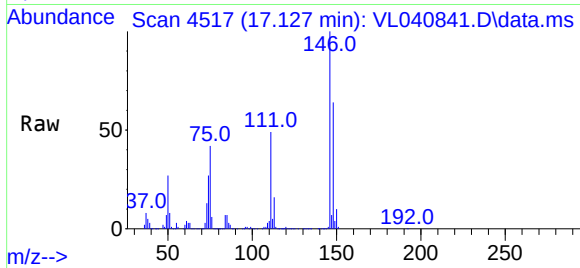




#77
1,2-Dichlorobenzene
Concen: 13.796 ppbv
RT: 17.127 min Scan# 4517
Delta R.T. -0.006 min
Lab File: VL040841.D
Acq: 13 Nov 2023 14:36

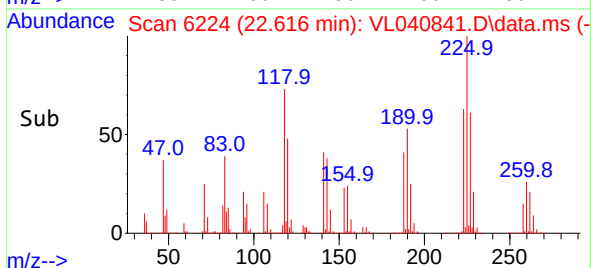
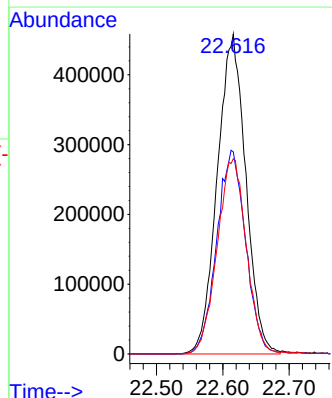
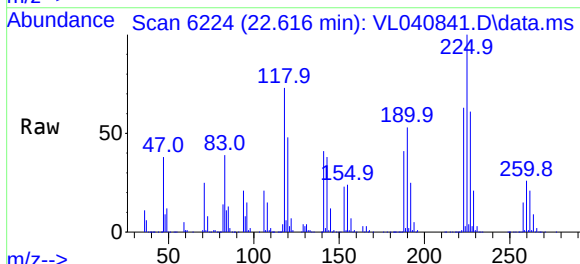
Instrument :
MSVOA_L
ClientSampleId :
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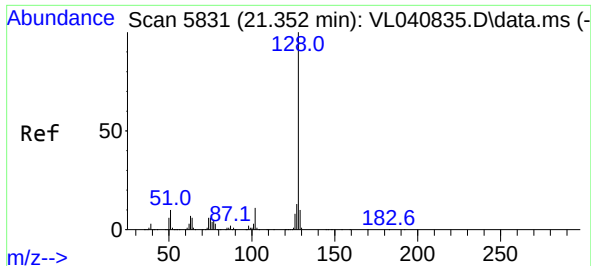
Tgt Ion:146 Resp: 2416800
Ion Ratio Lower Upper
146 100
111 50.6 25.7 77.1
148 63.9 32.3 96.9



#78
Hexachloro-1,3-Butadiene
Concen: 12.463 ppbv
RT: 22.616 min Scan# 6224
Delta R.T. -0.010 min
Lab File: VL040841.D
Acq: 13 Nov 2023 14:36

Tgt Ion:225 Resp: 1367108
Ion Ratio Lower Upper
225 100
223 64.5 51.1 76.7
227 63.1 50.8 76.2

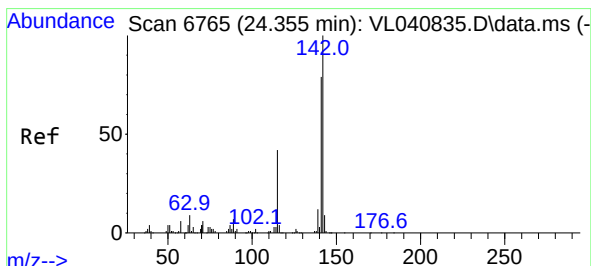
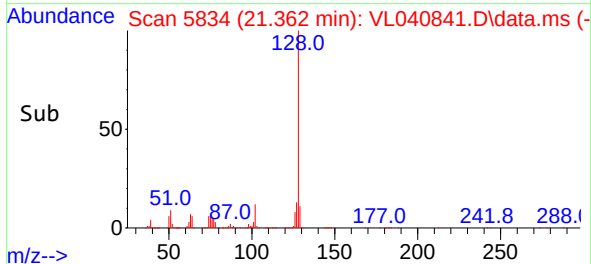
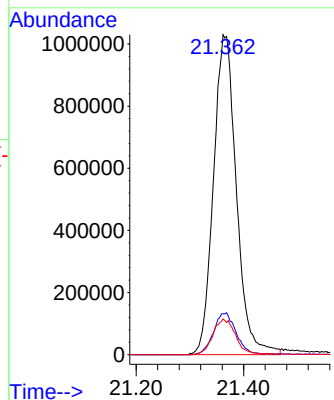
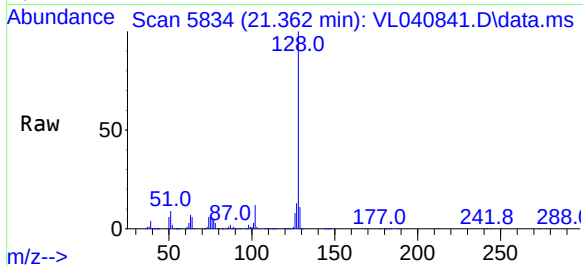




#79
Naphthalene
Concen: 18.158 ppbv
RT: 21.362 min Scan# 5834
Delta R.T. -0.016 min
Lab File: VL040841.D
Acq: 13 Nov 2023 14:36

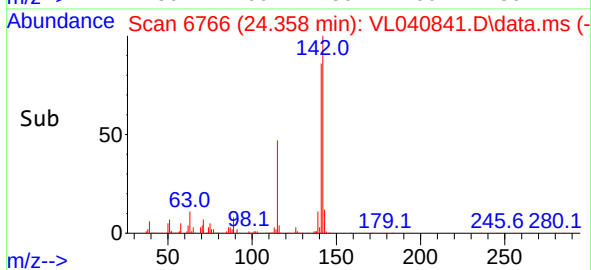
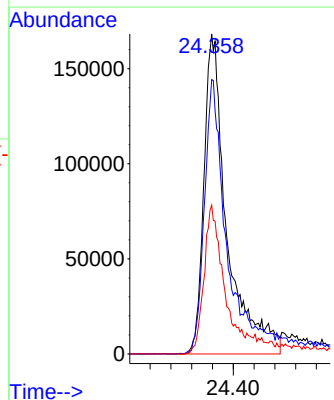
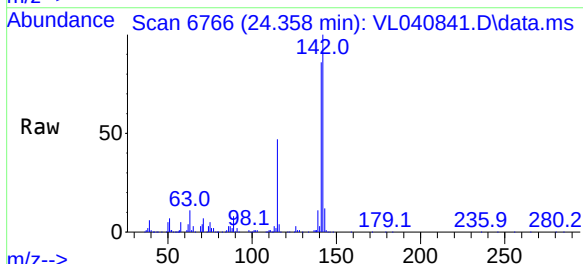
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ClientSampleId :
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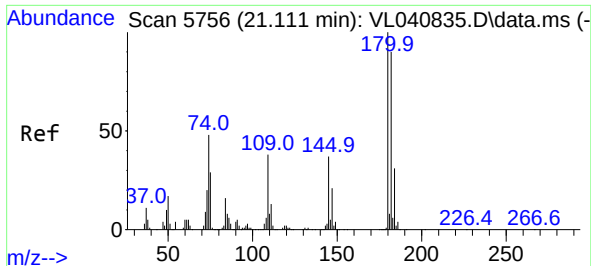
Tgt Ion:128 Resp: 3045276
Ion Ratio Lower Upper
128 100
127 12.8 10.0 15.0
129 11.2 8.3 12.5



#80
Naphthalene,2-methyl-
Concen: 17.546 ppbv
RT: 24.358 min Scan# 6766
Delta R.T. -0.016 min
Lab File: VL040841.D
Acq: 13 Nov 2023 14:36

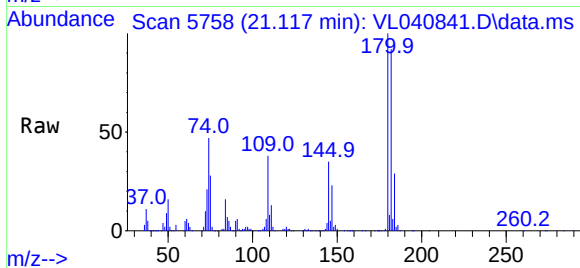
Tgt Ion:142 Resp: 519428
Ion Ratio Lower Upper
142 100
141 88.0 65.8 98.8
115 45.0 35.6 53.4





#81
 1,2,4-Trichlorobenzene
 Concen: 15.045 ppbv
 RT: 21.117 min Scan# 51
 Delta R.T. -0.010 min
 Lab File: VL040841.D
 Acq: 13 Nov 2023 14:36

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC015



Tgt Ion:180 Resp: 1533900

Ion	Ratio	Lower	Upper
180	100		
182	97.4	77.6	116.4
184	30.6	24.2	36.2

