

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL110222\
 Data File : VL039816.D
 Acq On : 2 Nov 2022 14:35
 Operator : SY/AP
 Sample : VSTDIC015
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC015

Quant Time: Nov 03 09:15:29 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL110222AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Wed Nov 02 15:18:40 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.189	49	990270	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.648	114	2776596	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.455	117	2667003	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.761	95	1967234	9.855	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.500%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.742	85	2308269	13.807	ppbv	99
3) Chlorodifluoromethane	2.687	51	1684814	14.271	ppbv	98
4) Chloromethane	2.825	50	1069755	14.553	ppbv	97
5) Vinyl Chloride	2.932	62	904717	15.202	ppbv	99
6) Bromomethane	3.128	94	303086	14.277	ppbv	99
7) Chloroethane	3.208	64	322640	14.467	ppbv	100
8) Dichlorotetrafluoroethane	2.867	85	2064131	14.487	ppbv	97
9) Propene	2.706	41	863542	14.039	ppbv	100
10) Heptane	7.574	43	2123710	14.412	ppbv	100
11) Trichlorofluoromethane	3.571	101	1981926	14.535	ppbv	98
12) 1,1,2-Trichlorotrifluo...	4.070	101	1436691	14.589	ppbv	100
13) Ethanol	3.250	45	53197	12.237	ppbv	96
14) Bromoethene	3.375	108	614523	13.936	ppbv	96
15) Acetone	3.475	43	1521829	12.626	ppbv	99
16) 1,3-Butadiene	2.996	39	863755	15.409	ppbv	95
17) tert-Butyl alcohol	3.886	59	1686025	14.688	ppbv	99
18) 1,1-Dichloroethene	3.886	96	658178	14.577	ppbv	98
19) Isopropyl Alcohol	3.581	45	885681	14.846	ppbv	98
20) Methylene Chloride	3.938	84	571354	13.250	ppbv	99
21) Allyl Chloride	4.002	41	1127720	14.791	ppbv	99
22) trans-1,2-Dichloroethene	4.449	96	707717	15.443	ppbv	96
23) Vinyl Acetate	4.629	43	689097	14.350	ppbv #	97
24) 1,1-Dichloroethane	4.565	63	1450035	14.783	ppbv	99
25) Ethyl Acetate	5.205	43	3607399	14.529	ppbv	99
26) Hexane	5.211	57	1577326	14.248	ppbv	98
27) Carbon Disulfide	4.128	76	1806369	15.539	ppbv	98
28) Methyl tert-Butyl Ether	4.591	73	1477243	14.743	ppbv	99
29) Chloroform	5.276	83	2329950	14.968	ppbv	98
30) Cyclohexane	6.594	84	1343251	14.510	ppbv	98
31) cis-1,2-Dichloroethene	5.079	61	1558212	15.437	ppbv	95
32) 1,1,1-Trichloroethane	5.999	97	2343384	15.123	ppbv	99
34) 2-Butanone	4.790	43	1702444	14.863	ppbv	99
35) Carbon Tetrachloride	6.488	117	2415077	14.922	ppbv	99
36) Benzene	6.365	78	3389737	14.473	ppbv	98
37) 1,2-Dichloroethane	5.806	62	1732400	15.416	ppbv	100
38) Trichloroethene	7.285	130	1781975	13.849	ppbv	99
39) 1,2-Dichloropropane	7.070	63	1304901	14.299	ppbv	98
40) 1,4-Dioxane	7.282	88	267445	7.653	ppbv #	1
41) Tetrahydrofuran	5.555	42	1411348	14.743	ppbv	99
42) Bromodichloromethane	7.240	83	2608693	14.534	ppbv	97
43) Methyl Methacrylate	7.468	69	1380152	14.910	ppbv	99
44) 2,2,4-Trimethylpentane	7.320	57	5448506	13.782	ppbv	100
45) t-1,3-Dichloropropene	8.700	75	1454948	16.409	ppbv	97

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 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

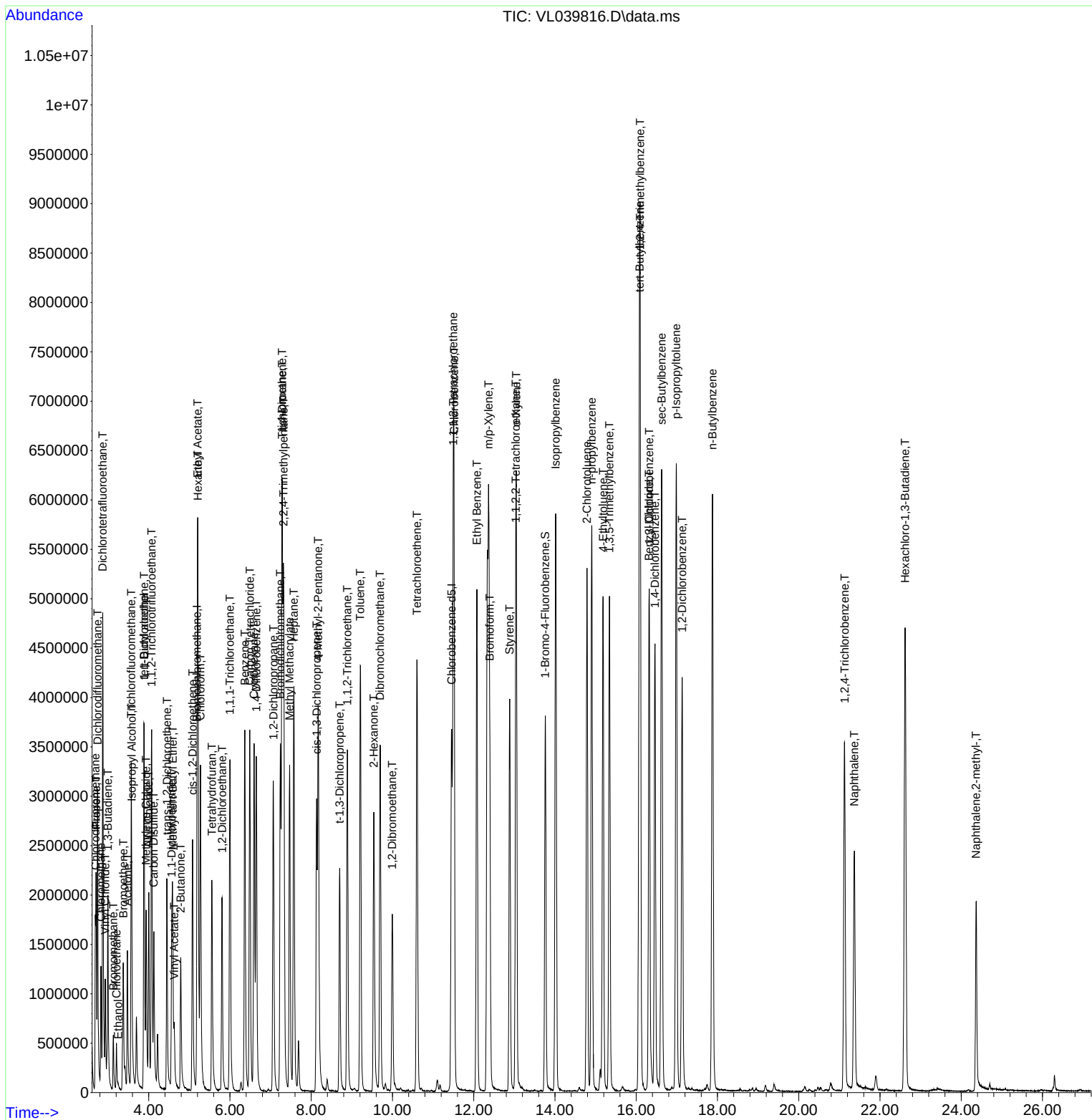
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC015

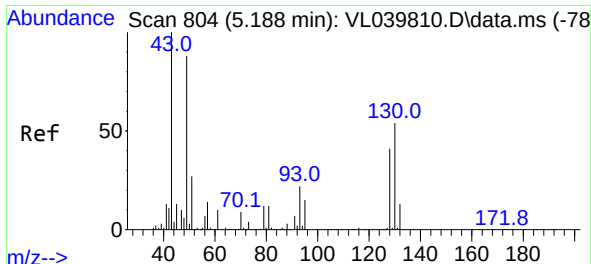
Quant Time: Nov 03 09:15:29 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL110222AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Wed Nov 02 15:18:40 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.134	75	1870487	15.455	ppbv	99
47) 1,1,2-Trichloroethane	8.890	97	1346595	14.573	ppbv	98
48) Dibromochloromethane	9.697	129	2337977	14.849	ppbv	100
49) Bromoform	12.394	173	1886674	14.907	ppbv	100
50) 4-Methyl-2-Pentanone	8.172	43	3438019	14.661	ppbv	100
51) 2-Hexanone	9.542	43	2768877	15.143	ppbv #	99
52) Tetrachloroethene	10.603	164	1165654	13.180	ppbv	96
53) Toluene	9.208	91	3837205	14.281	ppbv	100
54) 1,2-Dibromoethane	9.996	107	1616645	15.764	ppbv	98
56) 1,1,1,2-Tetrachloroethane	11.494	131	1593141	13.972	ppbv	98
57) Chlorobenzene	11.516	112	2811427	13.897	ppbv	97
58) Ethyl Benzene	12.079	91	5053450	14.014	ppbv	98
59) m/p-Xylene	12.362	91	4109349	13.652	ppbv #	30
60) o-Xylene	13.047	91	3936374	13.803	ppbv	100
61) Styrene	12.886	104	2617710	14.917	ppbv	99
62) Isopropylbenzene	14.018	105	5628888	13.530	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.034	83	1432356	13.487	ppbv	99
64) n-propylbenzene	14.909	120	1559569	14.014	ppbv	97
65) tert-Butylbenzene	16.082	119	4808841	13.165	ppbv	100
66) Benzyl Chloride	16.314	91	649768	15.299	ppbv	98
67) sec-Butylbenzene	16.626	105	6703972	13.483	ppbv	100
69) p-Isopropyltoluene	16.986	119	5541121	13.436	ppbv	99
70) n-Butylbenzene	17.876	91	5545067	13.907	ppbv	100
71) 2-Chlorotoluene	14.790	91	4292907	13.734	ppbv	99
72) 4-Ethyltoluene	15.185	105	4573232	14.241	ppbv	99
73) 1,3,5-Trimethylbenzene	15.339	105	4050871	14.230	ppbv	96
74) 1,2,4-Trimethylbenzene	16.098	105	4142558	13.696	ppbv	99
75) 1,3-Dichlorobenzene	16.320	146	2491269	14.107	ppbv	100
76) 1,4-Dichlorobenzene	16.465	146	2443836	14.102	ppbv	99
77) 1,2-Dichlorobenzene	17.130	146	2360003	14.176	ppbv	100
78) Hexachloro-1,3-Butadiene	22.619	225	1470727	11.923	ppbv	99
79) Naphthalene	21.368	128	3164072	14.389	ppbv	98
80) Naphthalene,2-methyl-	24.365	142	1373626	14.734	ppbv	98
81) 1,2,4-Trichlorobenzene	21.130	180	1658234	13.481	ppbv	100

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

Quant Time: Nov 03 09:15:29 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL110222AIR.M
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QLast Update : Wed Nov 02 15:18:40 2022
Response via : Initial Calibration

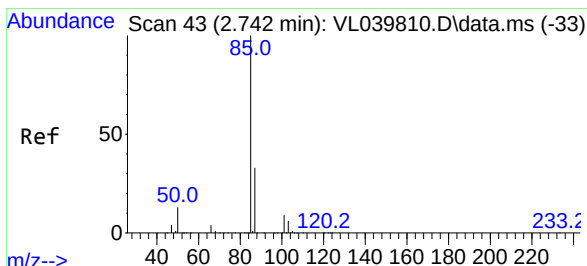
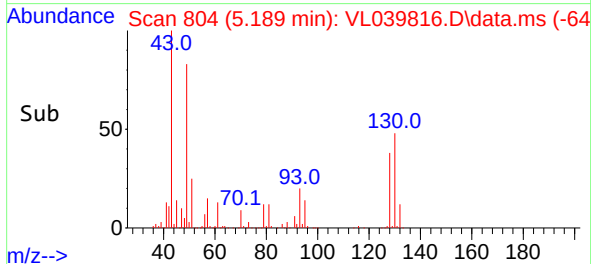
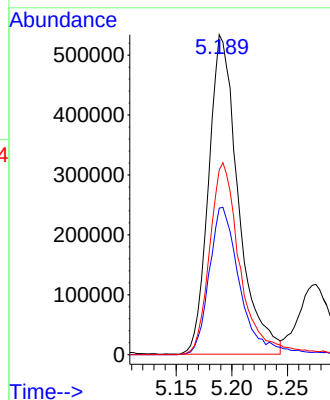
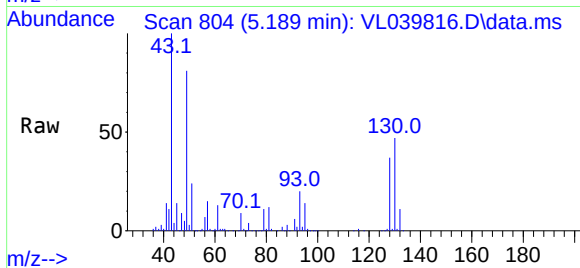




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.189 min Scan# 804
Delta R.T. 0.001 min
Lab File: VL039816.D
Acq: 2 Nov 2022 14:35

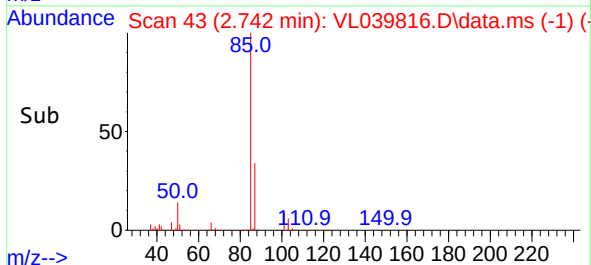
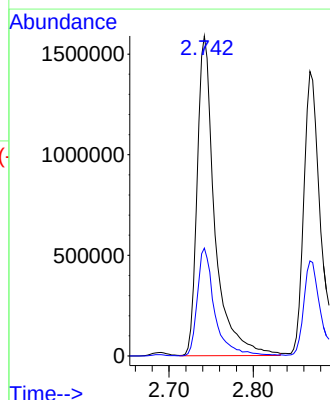
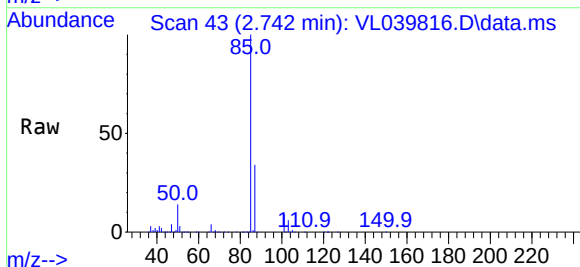
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

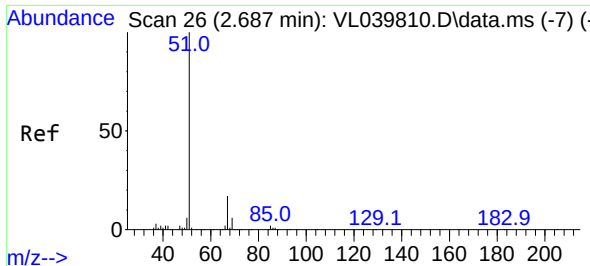
Tgt Ion: 49 Resp: 990270
Ion Ratio Lower Upper
49 100
128 48.9 24.6 73.6
130 62.8 31.1 93.2



#2
Dichlorodifluoromethane
Concen: 13.807 ppbv
RT: 2.742 min Scan# 43
Delta R.T. 0.000 min
Lab File: VL039816.D
Acq: 2 Nov 2022 14:35

Tgt Ion: 85 Resp: 2308269
Ion Ratio Lower Upper
85 100
87 33.7 26.4 39.6

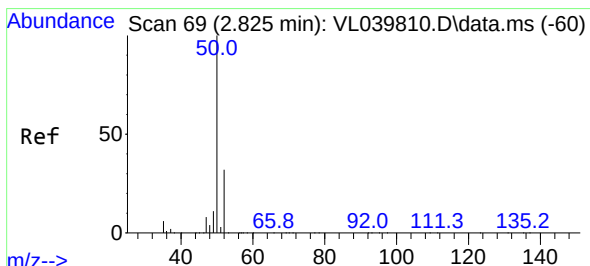
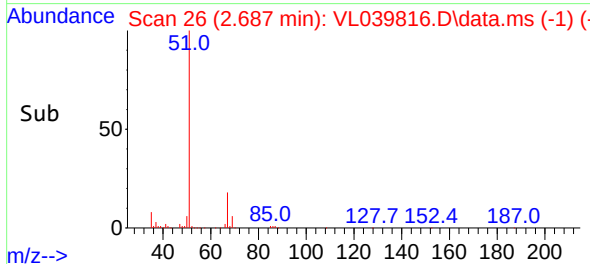
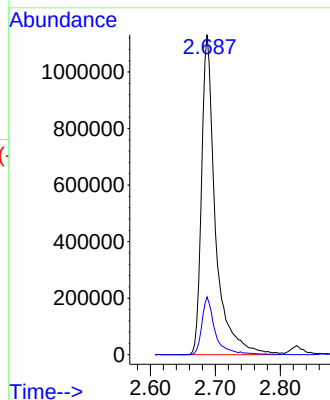
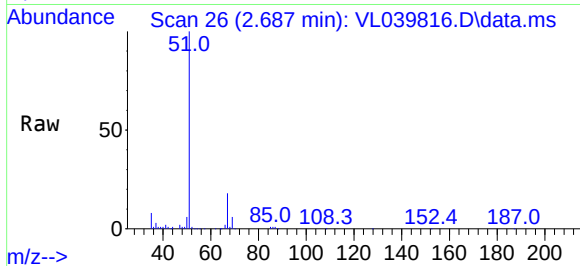




#3
Chlorodifluoromethane
Concen: 14.271 ppbv
RT: 2.687 min Scan# 20
Delta R.T. 0.000 min
Lab File: VL039816.D
Acq: 2 Nov 2022 14:35

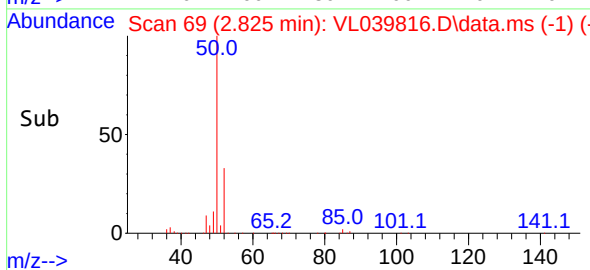
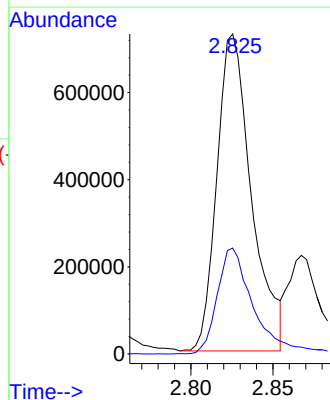
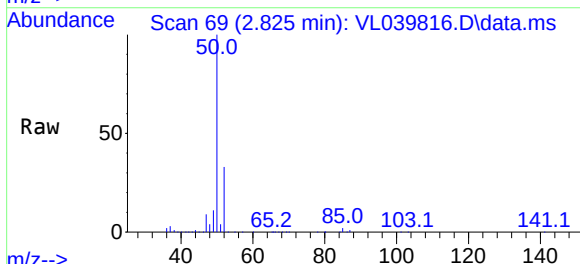
Instrument :
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ClientSampleId :
VSTDIC015

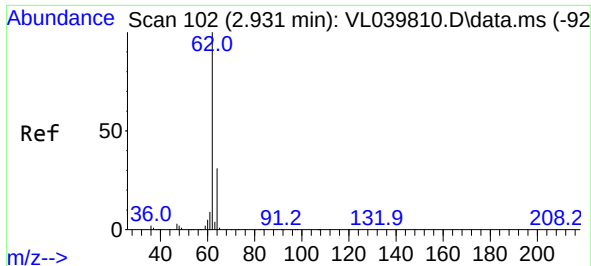
Tgt Ion: 51 Resp: 1684814
Ion Ratio Lower Upper
51 100
67 17.4 13.2 19.8



#4
Chloromethane
Concen: 14.553 ppbv
RT: 2.825 min Scan# 69
Delta R.T. 0.000 min
Lab File: VL039816.D
Acq: 2 Nov 2022 14:35

Tgt Ion: 50 Resp: 1069755
Ion Ratio Lower Upper
50 100
52 33.3 25.5 38.3

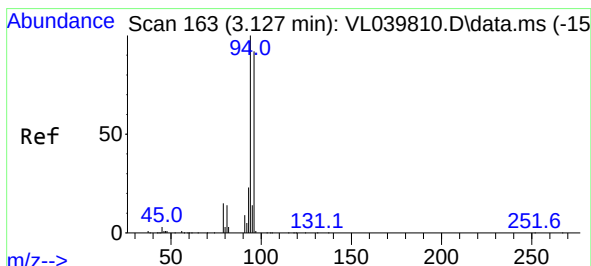
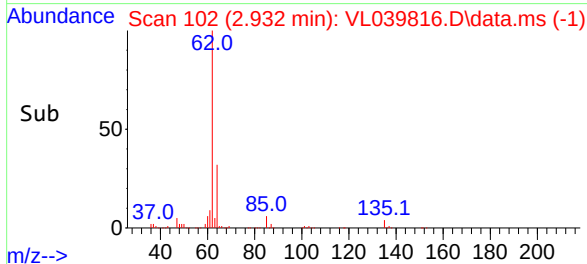
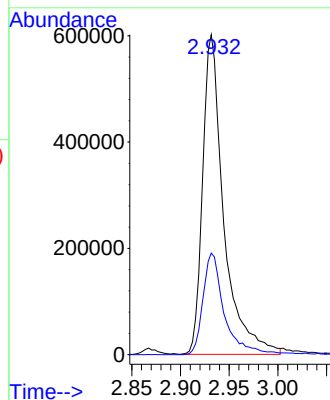
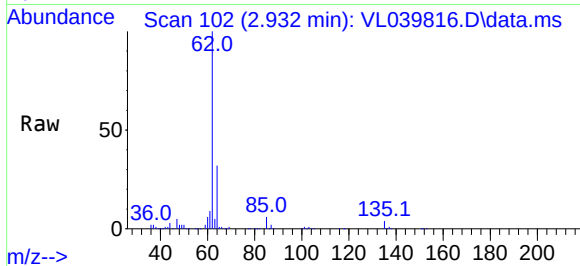




#5
 Vinyl Chloride
 Concen: 15.202 ppbv
 RT: 2.932 min Scan# 102
 Delta R.T. 0.000 min
 Lab File: VL039816.D
 Acq: 2 Nov 2022 14:35

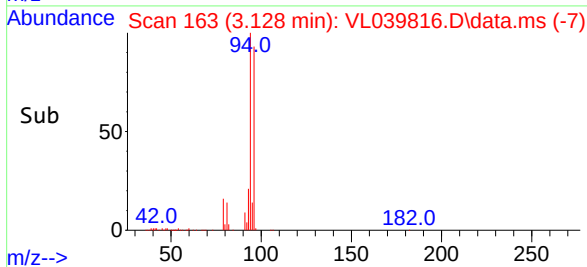
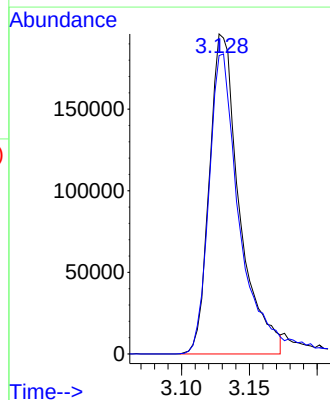
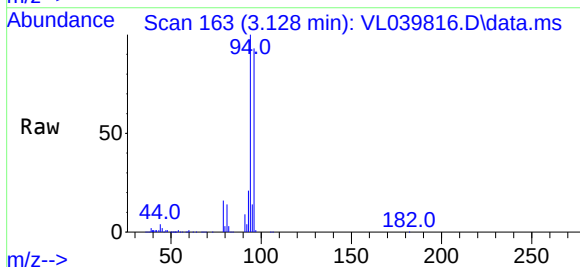
Instrument :
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 ClientSampleId :
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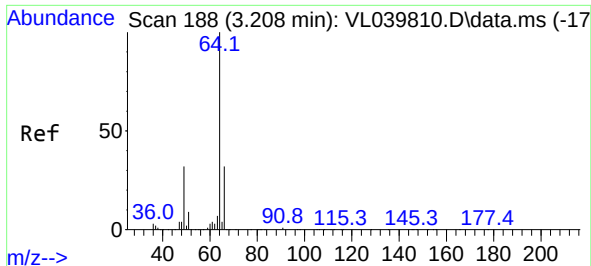
Tgt Ion: 62 Resp: 904717
 Ion Ratio Lower Upper
 62 100
 64 31.8 25.0 37.4



#6
 Bromomethane
 Concen: 14.277 ppbv
 RT: 3.128 min Scan# 163
 Delta R.T. 0.000 min
 Lab File: VL039816.D
 Acq: 2 Nov 2022 14:35

Tgt Ion: 94 Resp: 303086
 Ion Ratio Lower Upper
 94 100
 96 93.2 73.5 110.3

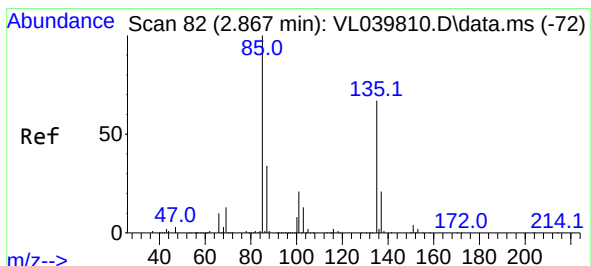
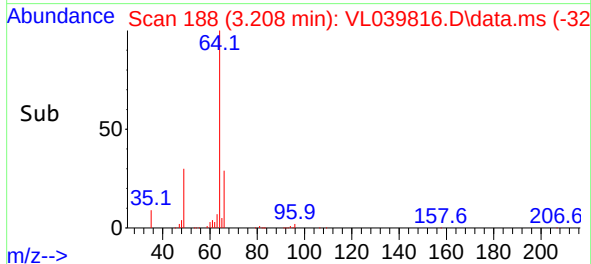
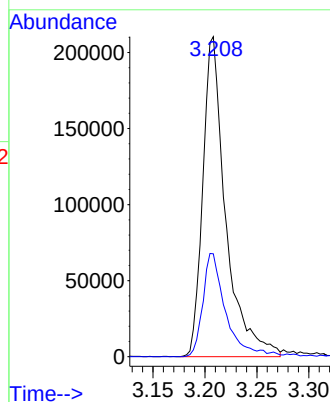
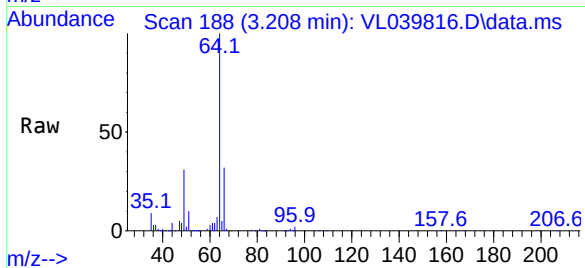




#7
Chloroethane
Concen: 14.467 ppbv
RT: 3.208 min Scan# 11
Delta R.T. 0.000 min
Lab File: VL039816.D
Acq: 2 Nov 2022 14:35

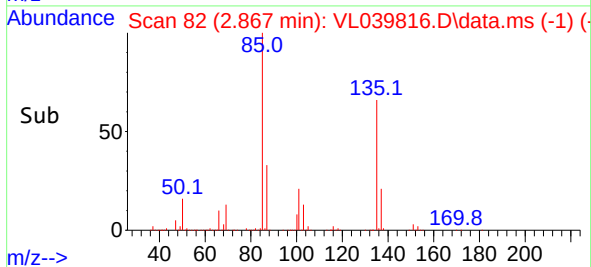
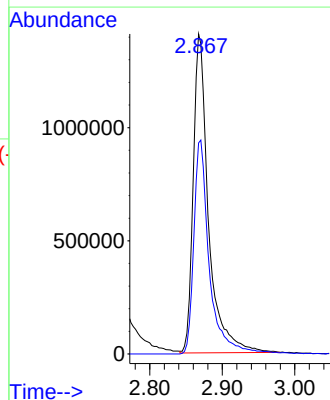
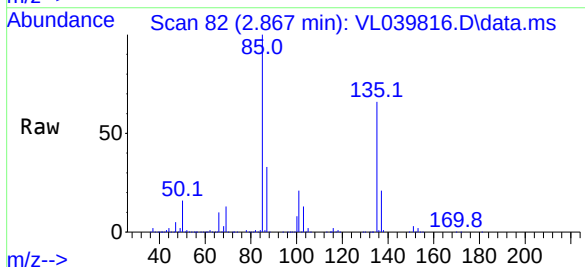
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 64 Resp: 322640
Ion Ratio Lower Upper
64 100
66 32.1 25.5 38.3

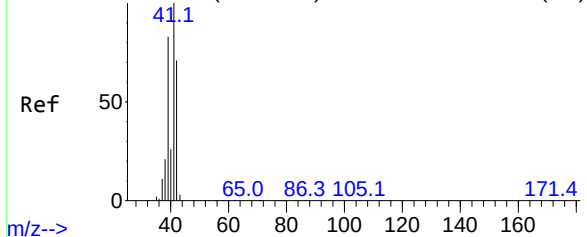


#8
Dichlorotetrafluoroethane
Concen: 14.487 ppbv
RT: 2.867 min Scan# 82
Delta R.T. 0.000 min
Lab File: VL039816.D
Acq: 2 Nov 2022 14:35

Tgt Ion: 85 Resp: 2064131
Ion Ratio Lower Upper
85 100
135 68.6 56.7 85.1

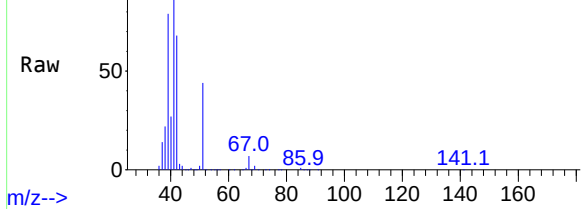


Abundance Scan 32 (2.706 min): VL039810.D\data.ms (-24)



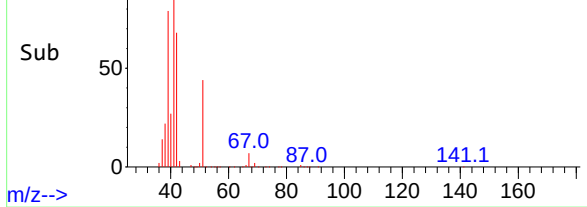
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Abundance Scan 32 (2.706 min): VL039816.D\data.ms



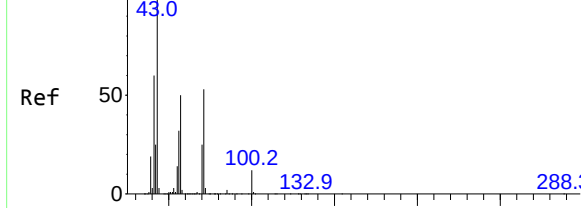
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Abundance Scan 32 (2.706 min): VL039816.D\data.ms (-1)



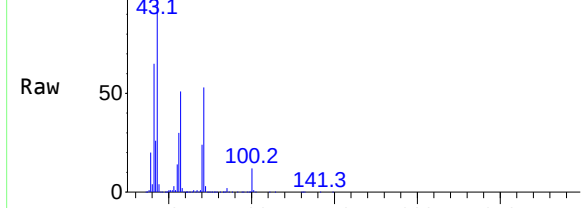
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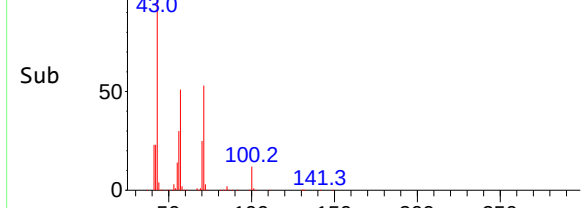
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Abundance Scan 1546 (7.574 min): VL039816.D\data.ms



m/z-->

Abundance Scan 1546 (7.574 min): VL039816.D\data.ms (-1)



m/z-->

#9

Propene

Concen: 14.039 ppbv

RT: 2.706 min Scan# 31

Delta R.T. 0.000 min

Lab File: VL039816.D

Acq: 2 Nov 2022 14:35

Instrument :

MSVOA_L

ClientSampleId :

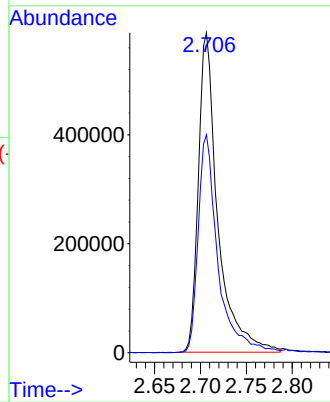
VSTDIC015

Tgt Ion: 41 Resp: 863542

Ion Ratio Lower Upper

41 100

42 70.2 56.3 84.5



#10

Heptane

Concen: 14.412 ppbv

RT: 7.574 min Scan# 1546

Delta R.T. 0.007 min

Lab File: VL039816.D

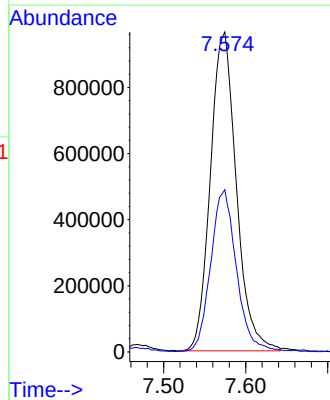
Acq: 2 Nov 2022 14:35

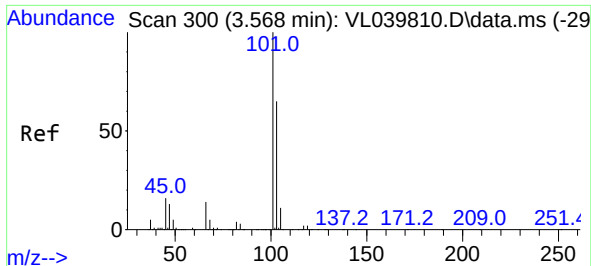
Tgt Ion: 43 Resp: 2123710

Ion Ratio Lower Upper

43 100

57 50.7 40.5 60.7

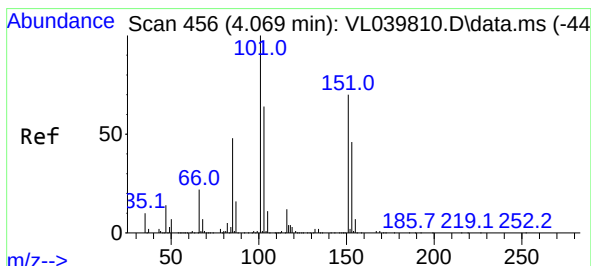
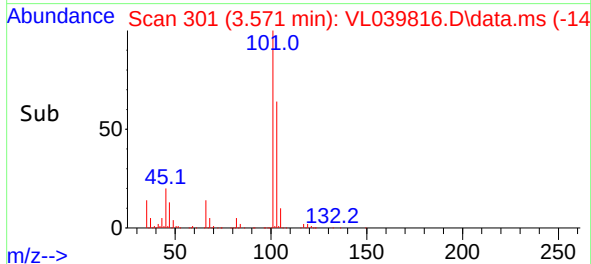
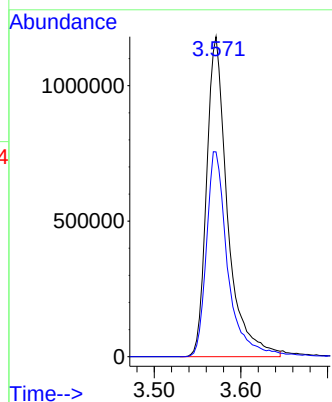
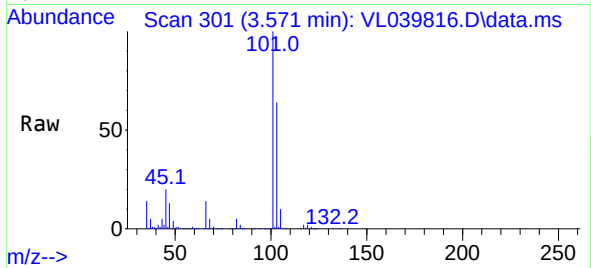




#11
 Trichlorofluoromethane
 Concen: 14.535 ppbv
 RT: 3.571 min Scan# 301
 Delta R.T. 0.003 min
 Lab File: VL039816.D
 Acq: 2 Nov 2022 14:35

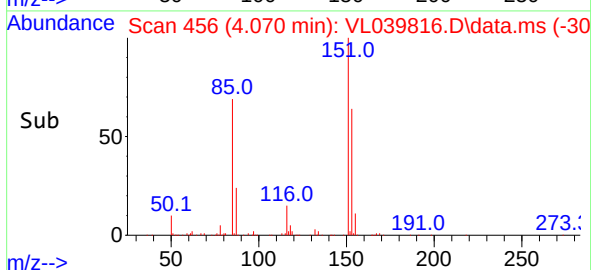
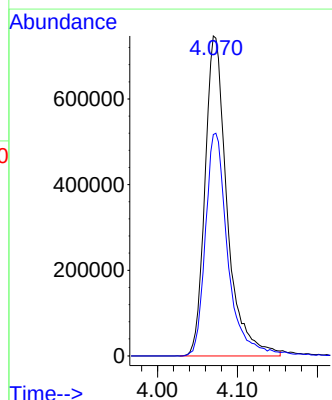
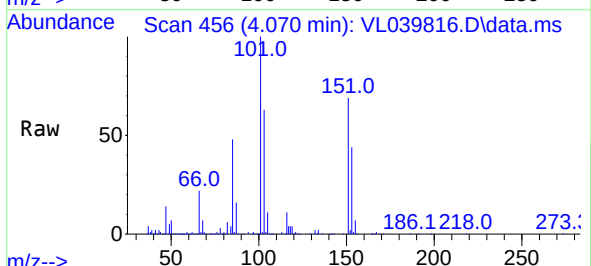
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDIC015

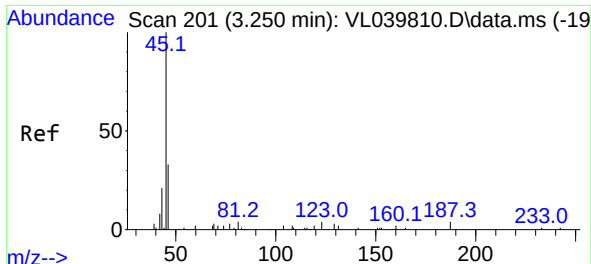
Tgt Ion:101 Resp: 1981926
 Ion Ratio Lower Upper
 101 100
 103 64.0 52.2 78.2



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 14.589 ppbv
 RT: 4.070 min Scan# 456
 Delta R.T. 0.000 min
 Lab File: VL039816.D
 Acq: 2 Nov 2022 14:35

Tgt Ion:101 Resp: 1436691
 Ion Ratio Lower Upper
 101 100
 151 71.4 57.2 85.8

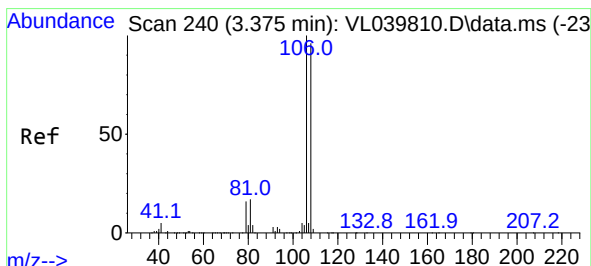
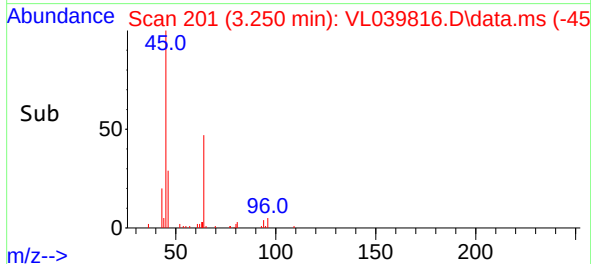
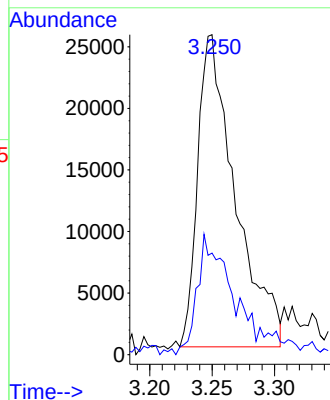
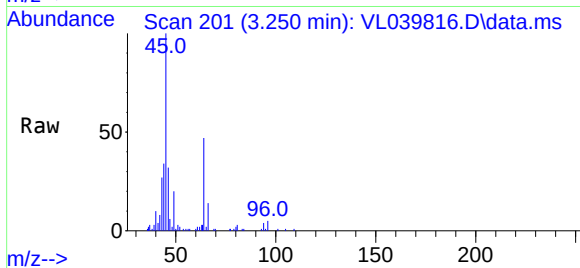




#13
Ethanol
Concen: 12.237 ppbv
RT: 3.250 min Scan# 201
Delta R.T. 0.000 min
Lab File: VL039816.D
Acq: 2 Nov 2022 14:35

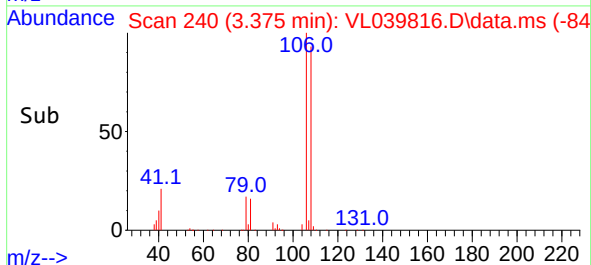
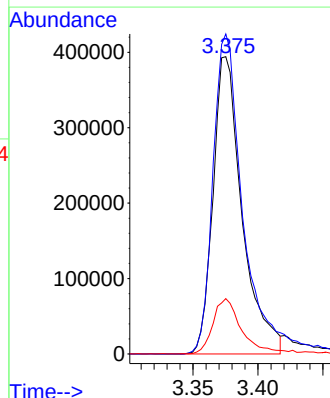
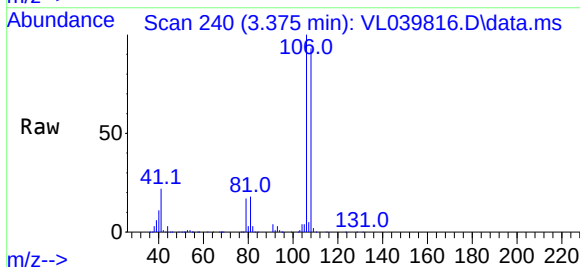
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

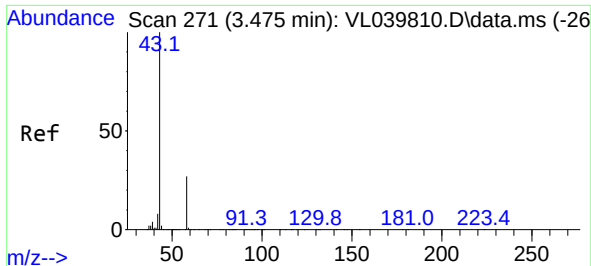
Tgt Ion: 45 Resp: 53197
Ion Ratio Lower Upper
45 100
46 43.5 16.5 65.9



#14
Bromoethene
Concen: 13.936 ppbv
RT: 3.375 min Scan# 240
Delta R.T. 0.000 min
Lab File: VL039816.D
Acq: 2 Nov 2022 14:35

Tgt Ion: 108 Resp: 614523
Ion Ratio Lower Upper
108 100
106 114.5 87.8 131.8
79 19.2 14.5 21.7

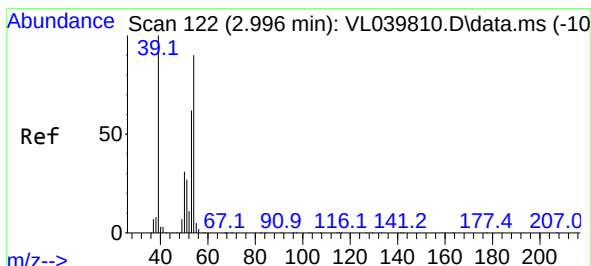
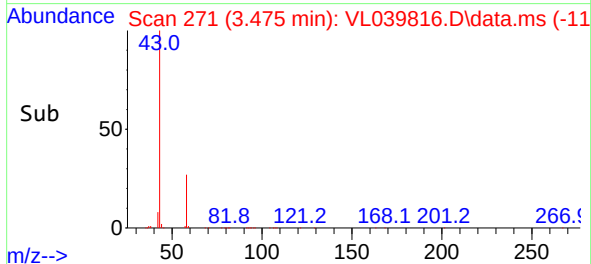
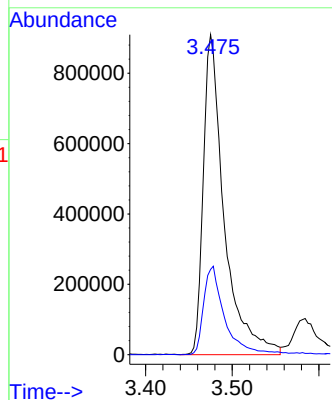
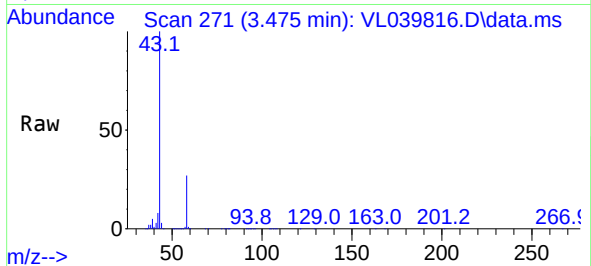




#15
Acetone
Concen: 12.626 ppbv
RT: 3.475 min Scan# 21
Delta R.T. 0.000 min
Lab File: VL039816.D
Acq: 2 Nov 2022 14:35

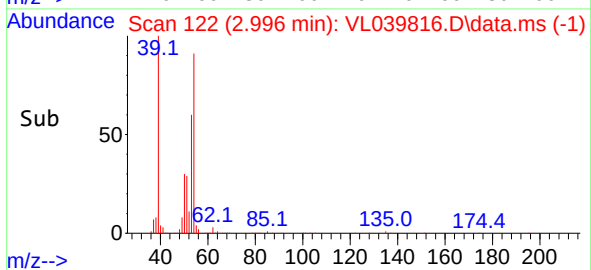
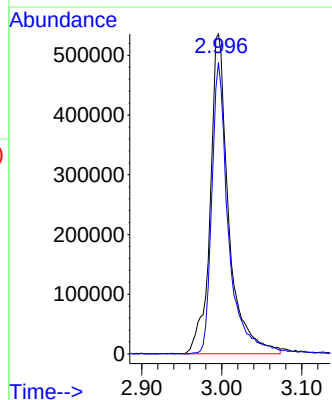
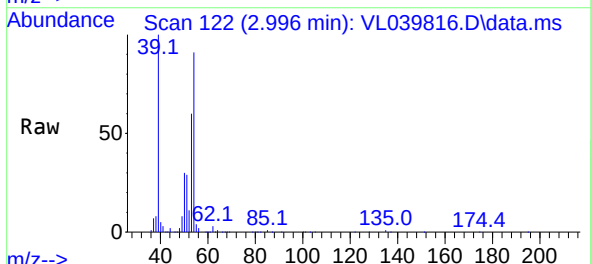
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

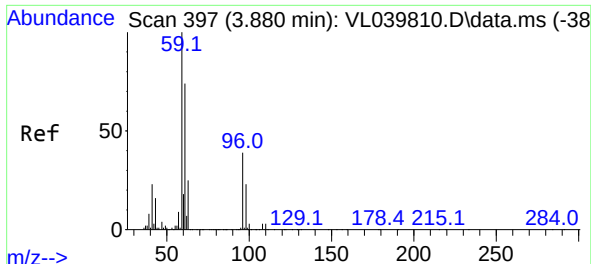
Tgt Ion: 43 Resp: 1521829
Ion Ratio Lower Upper
43 100
58 28.6 23.2 34.8



#16
1,3-Butadiene
Concen: 15.409 ppbv
RT: 2.996 min Scan# 122
Delta R.T. 0.000 min
Lab File: VL039816.D
Acq: 2 Nov 2022 14:35

Tgt Ion: 39 Resp: 863755
Ion Ratio Lower Upper
39 100
54 83.8 71.0 106.4

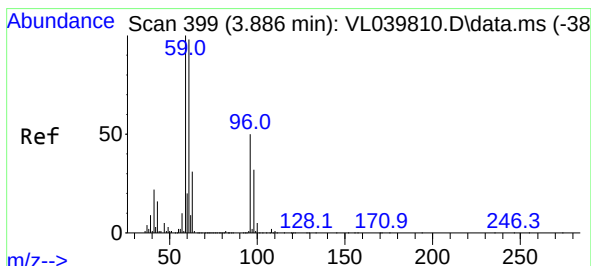
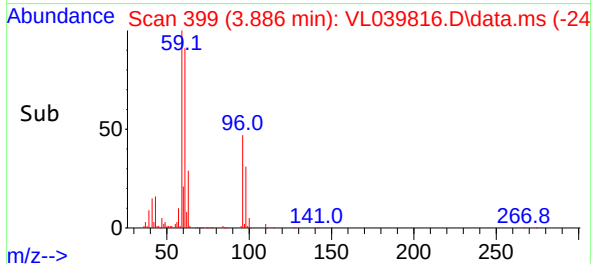
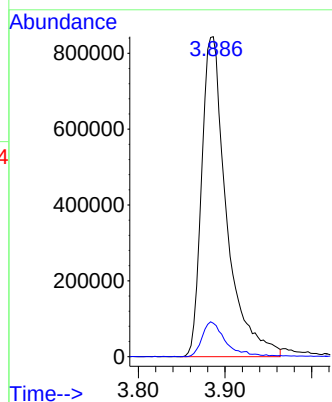
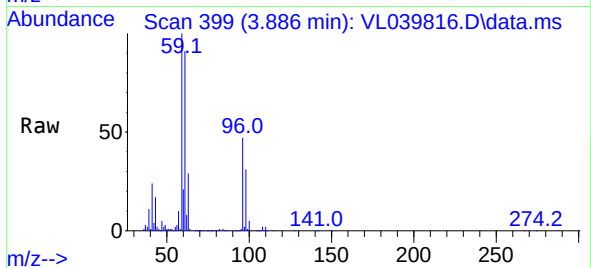




#17
tert-Butyl alcohol
Concen: 14.688 ppbv
RT: 3.886 min Scan# 399
Delta R.T. 0.007 min
Lab File: VL039816.D
Acq: 2 Nov 2022 14:35

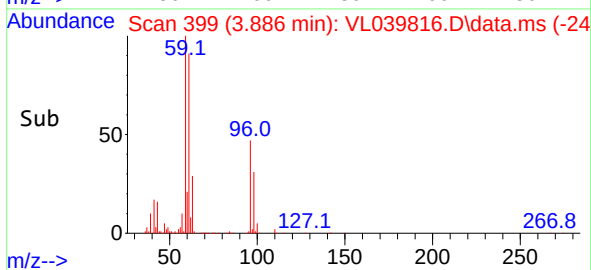
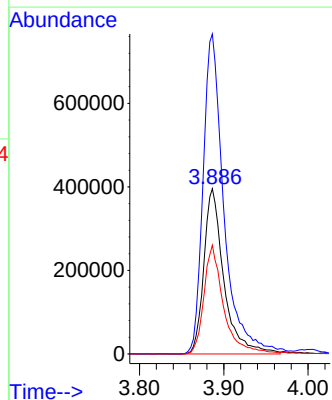
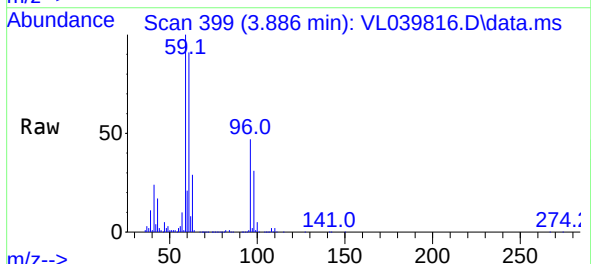
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC015

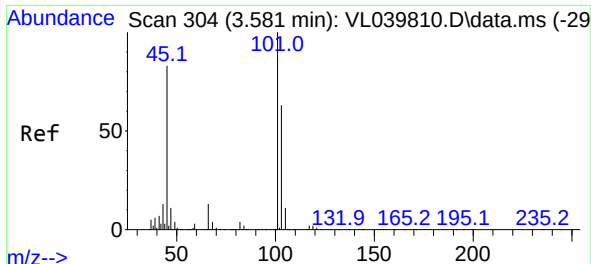
Tgt Ion: 59 Resp: 1686025
Ion Ratio Lower Upper
59 100
57 10.9 9.0 13.6



#18
1,1-Dichloroethene
Concen: 14.577 ppbv
RT: 3.886 min Scan# 399
Delta R.T. 0.000 min
Lab File: VL039816.D
Acq: 2 Nov 2022 14:35

Tgt Ion: 96 Resp: 658178
Ion Ratio Lower Upper
96 100
61 193.6 156.9 235.3
98 65.8 50.6 75.8

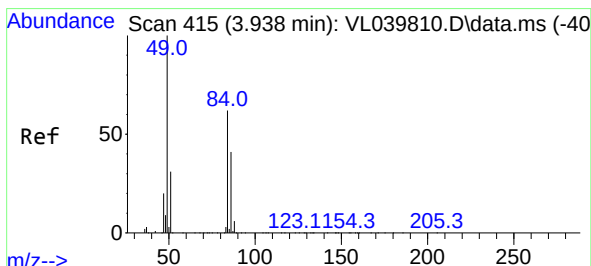
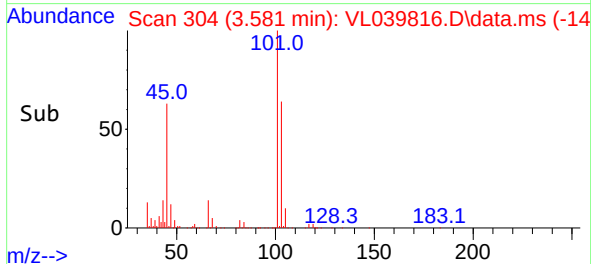
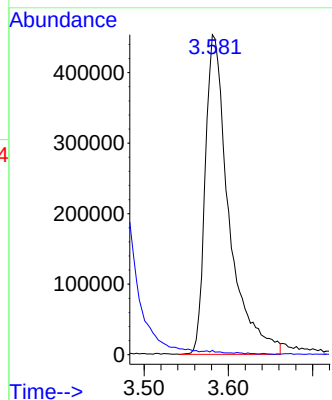
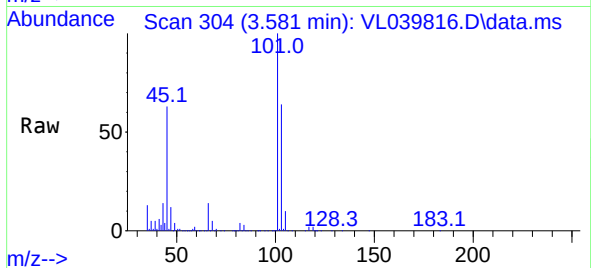




#19
Isopropyl Alcohol
Concen: 14.846 ppbv
RT: 3.581 min Scan# 304
Delta R.T. 0.000 min
Lab File: VL039816.D
Acq: 2 Nov 2022 14:35

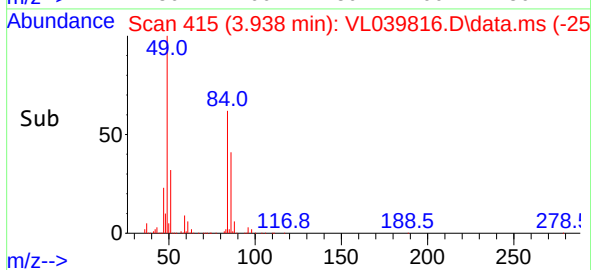
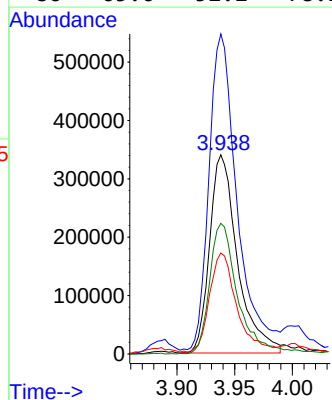
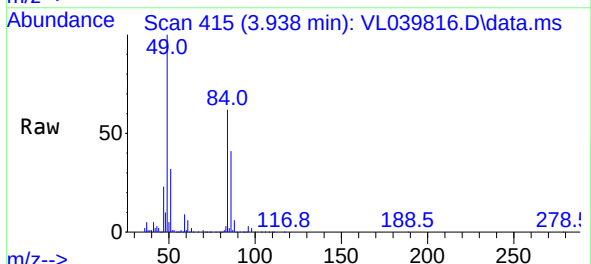
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

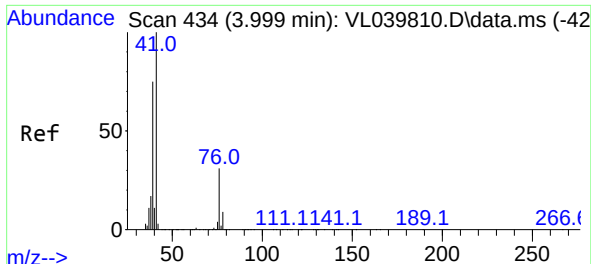
Tgt Ion: 45 Resp: 885681
Ion Ratio Lower Upper
45 100
58 49.1 38.3 57.5



#20
Methylene Chloride
Concen: 13.250 ppbv
RT: 3.938 min Scan# 415
Delta R.T. 0.000 min
Lab File: VL039816.D
Acq: 2 Nov 2022 14:35

Tgt Ion: 84 Resp: 571354
Ion Ratio Lower Upper
84 100
49 159.5 128.6 192.8
51 49.9 40.2 60.4
86 65.6 52.2 78.2





#21

Allyl Chloride

Concen: 14.791 ppbv

RT: 4.002 min Scan# 41

Delta R.T. 0.003 min

Lab File: VL039816.D

Acq: 2 Nov 2022 14:35

Instrument :

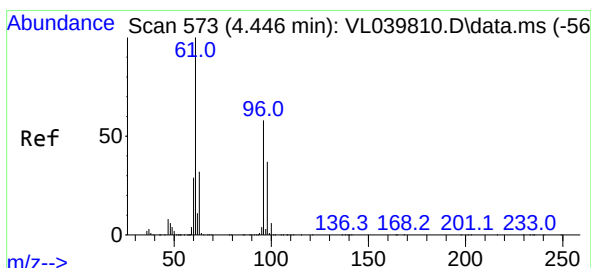
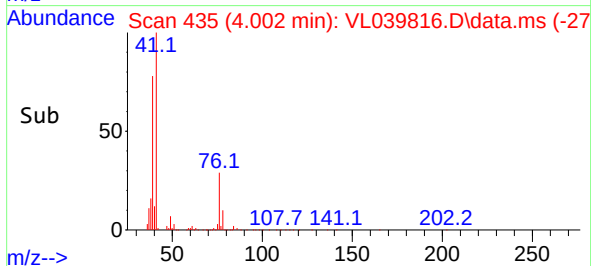
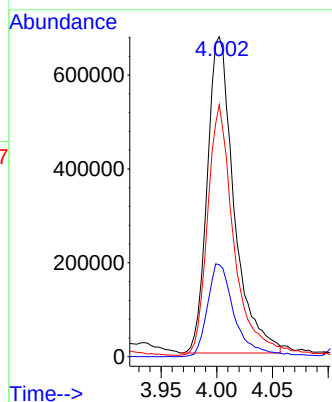
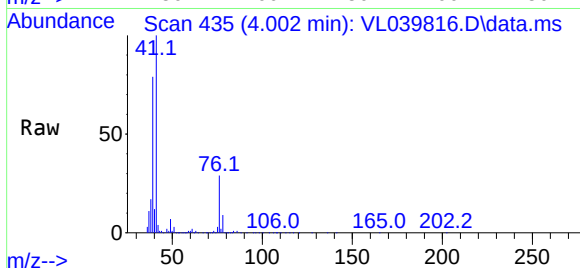
MSVOA_L

ClientSampleId :

VSTDIC015

Tgt Ion: 41 Resp: 1127720

Ion	Ratio	Lower	Upper
41	100		
76	30.1	24.1	36.1
39	81.3	64.3	96.5



#22

trans-1,2-Dichloroethene

Concen: 15.443 ppbv

RT: 4.449 min Scan# 574

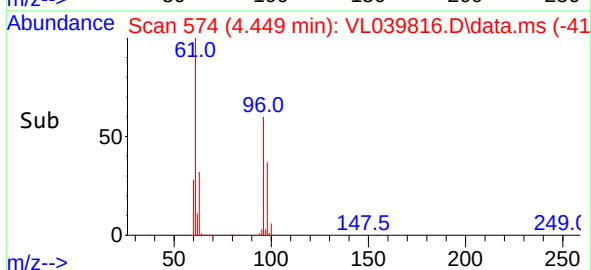
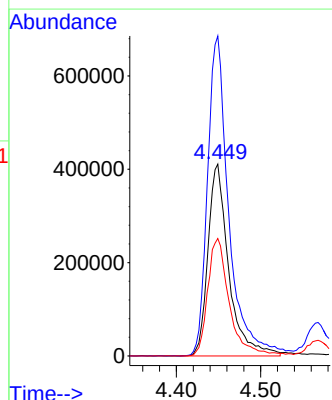
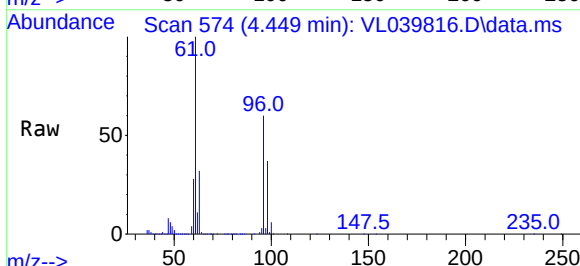
Delta R.T. 0.003 min

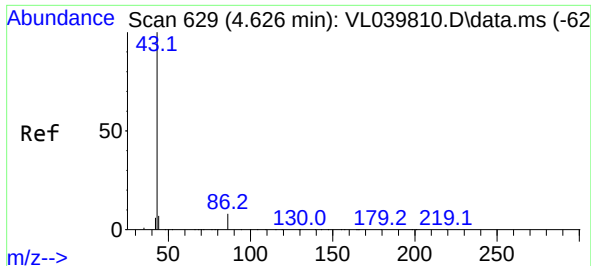
Lab File: VL039816.D

Acq: 2 Nov 2022 14:35

Tgt Ion: 96 Resp: 707717

Ion	Ratio	Lower	Upper
96	100		
61	166.7	137.6	206.4
98	61.2	51.2	76.8



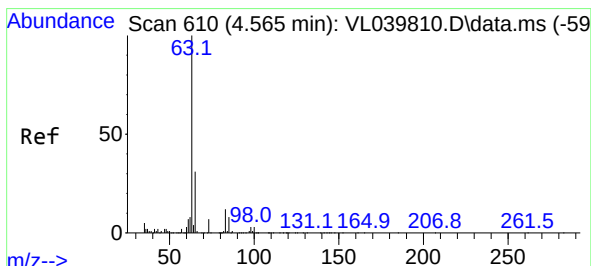
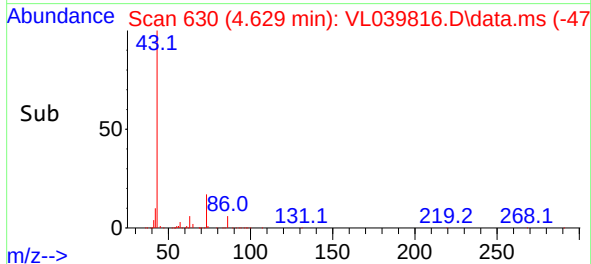
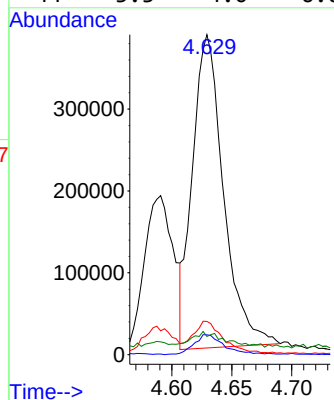
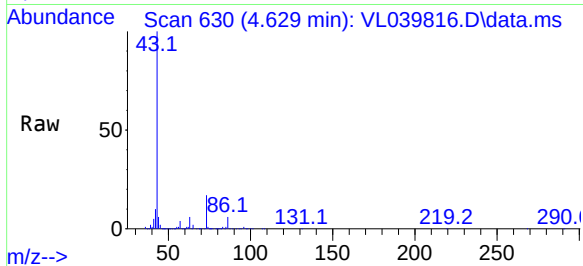


#23
 Vinyl Acetate
 Concen: 14.350 ppbv
 RT: 4.629 min Scan# 61
 Delta R.T. 0.003 min
 Lab File: VL039816.D
 Acq: 2 Nov 2022 14:35

Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDIC015

Tgt Ion: 43 Resp: 689097

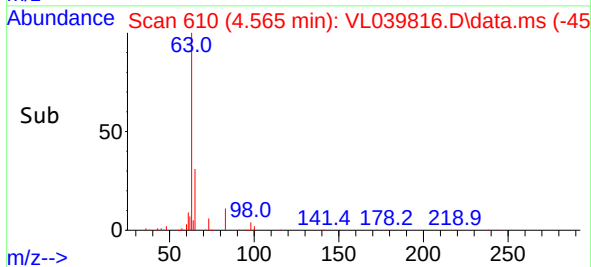
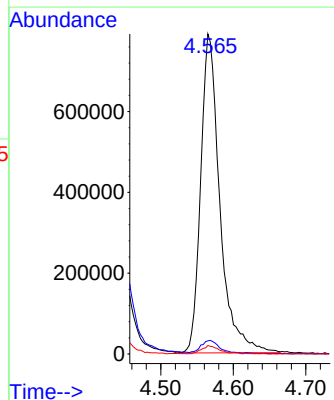
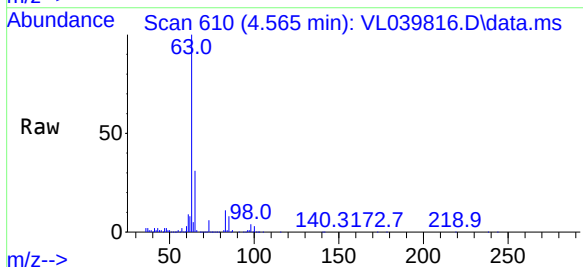
Ion	Ratio	Lower	Upper
43	100		
86	6.2	5.0	7.4
42	10.1	6.8	10.2
44	3.3	4.0	6.0

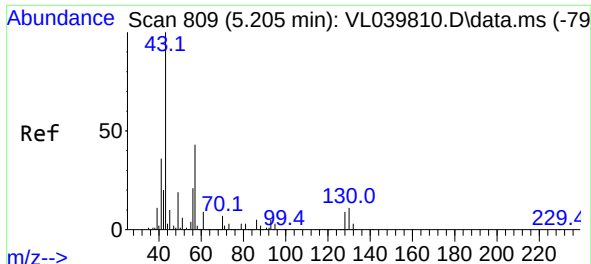


#24
 1,1-Dichloroethane
 Concen: 14.783 ppbv
 RT: 4.565 min Scan# 610
 Delta R.T. 0.000 min
 Lab File: VL039816.D
 Acq: 2 Nov 2022 14:35

Tgt Ion: 63 Resp: 1450035

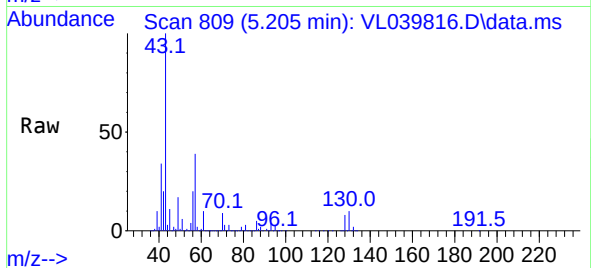
Ion	Ratio	Lower	Upper
63	100		
98	4.0	1.8	5.4
100	2.6	1.5	4.4





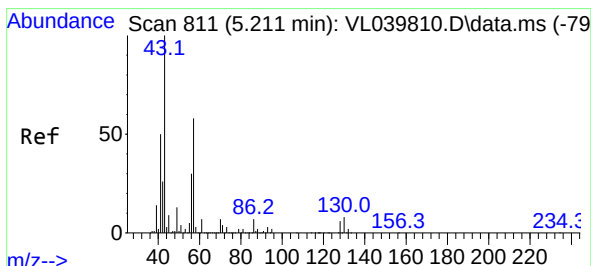
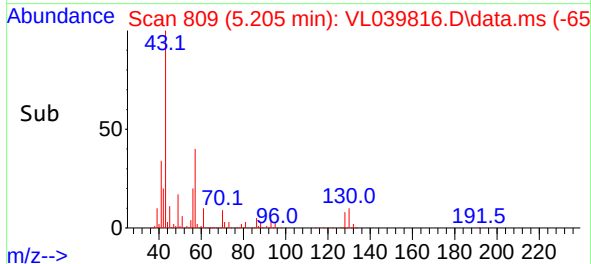
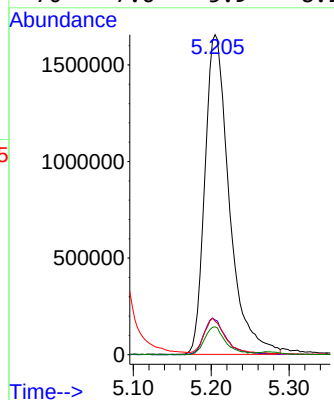
#25
Ethyl Acetate
Concen: 14.529 ppbv
RT: 5.205 min Scan# 809
Delta R.T. 0.000 min
Lab File: VL039816.D
Acq: 2 Nov 2022 14:35

Instrument :
MSVOA_1
ClientSampleId :
VSTDIC015



Tgt Ion: 43 Resp: 3607399

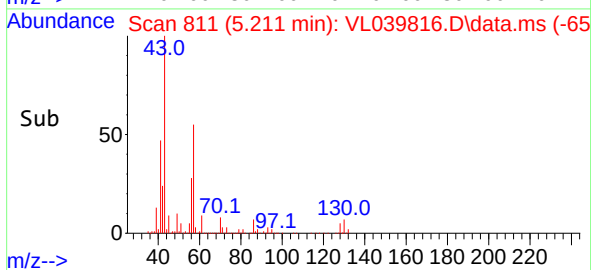
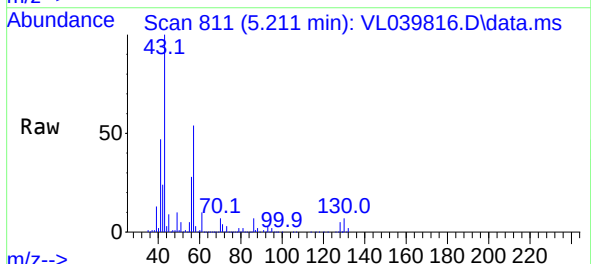
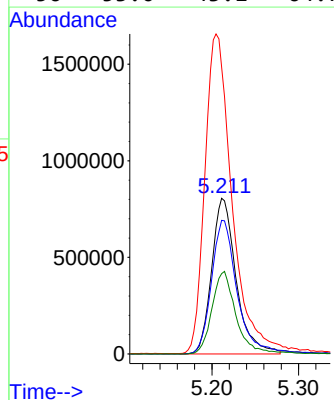
Ion	Ratio	Lower	Upper
43	100		
45	10.6	8.2	12.2
61	10.3	8.1	12.1
70	7.6	5.9	8.9

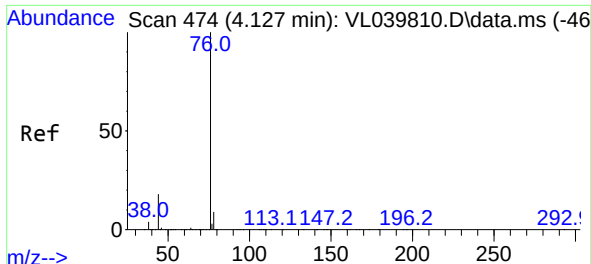


#26
Hexane
Concen: 14.248 ppbv
RT: 5.211 min Scan# 811
Delta R.T. 0.000 min
Lab File: VL039816.D
Acq: 2 Nov 2022 14:35

Tgt Ion: 57 Resp: 1577326

Ion	Ratio	Lower	Upper
57	100		
41	90.9	73.7	110.5
43	233.5	189.8	284.8
56	53.0	43.1	64.7

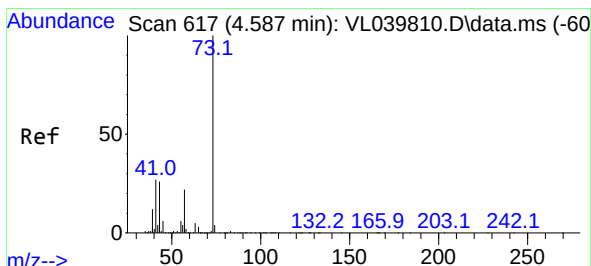
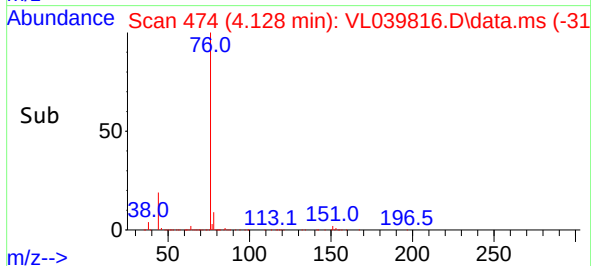
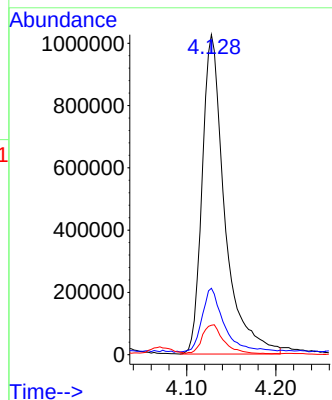
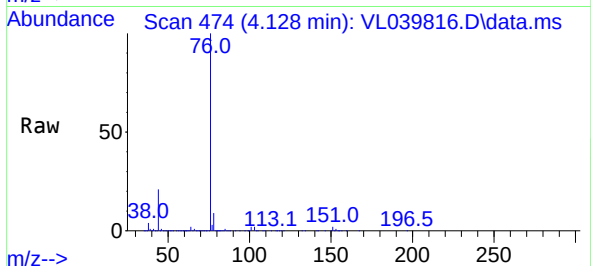




#27
Carbon Disulfide
Concen: 15.539 ppbv
RT: 4.128 min Scan# 41
Delta R.T. 0.000 min
Lab File: VL039816.D
Acq: 2 Nov 2022 14:35

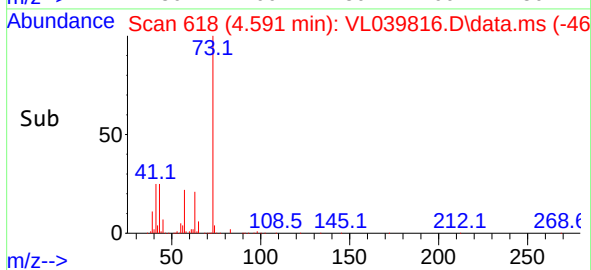
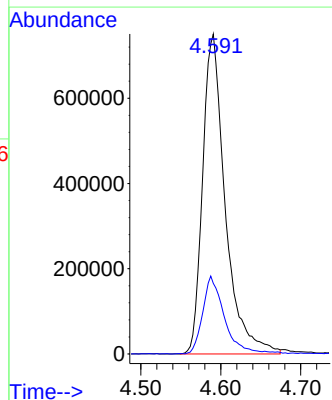
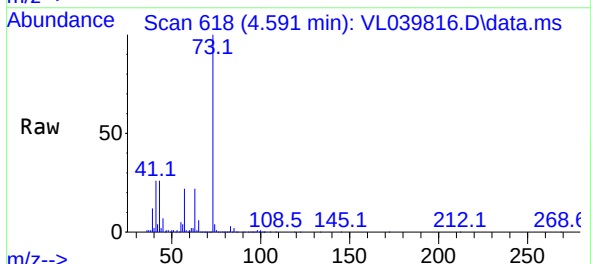
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

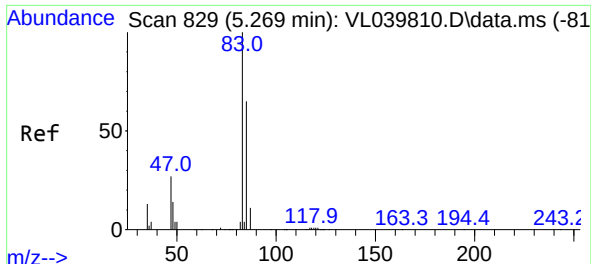
Tgt Ion: 76 Resp: 1806369
Ion Ratio Lower Upper
76 100
44 19.8 14.6 22.0
78 9.5 7.6 11.4



#28
Methyl tert-Butyl Ether
Concen: 14.743 ppbv
RT: 4.591 min Scan# 618
Delta R.T. 0.003 min
Lab File: VL039816.D
Acq: 2 Nov 2022 14:35

Tgt Ion: 73 Resp: 1477243
Ion Ratio Lower Upper
73 100
57 23.7 19.4 29.2





#29

Chloroform

Concen: 14.968 ppbv

RT: 5.276 min Scan# 81

Delta R.T. 0.007 min

Lab File: VL039816.D

Acq: 2 Nov 2022 14:35

Instrument :

MSVOA_L

ClientSampleId :

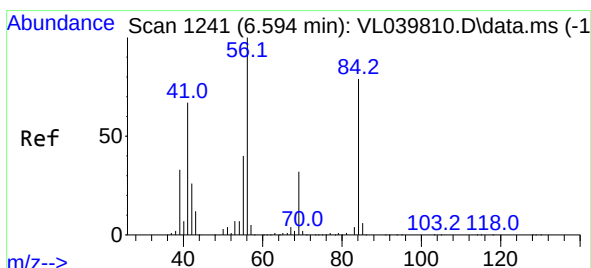
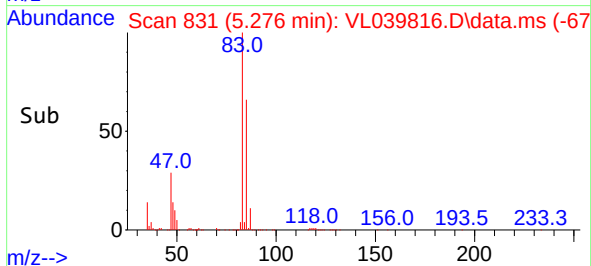
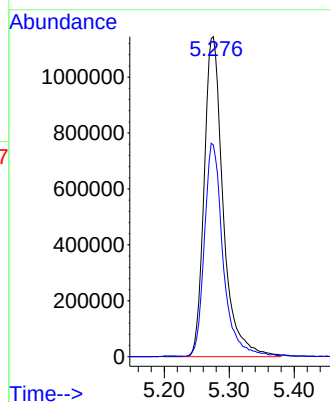
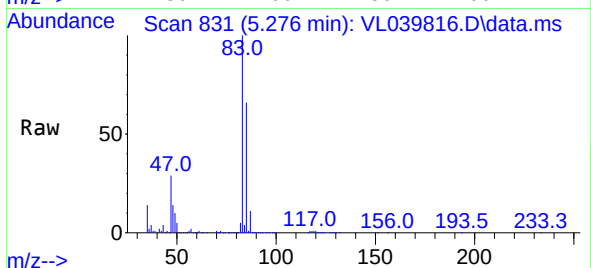
VSTDIC015

Tgt Ion: 83 Resp: 2329950

Ion Ratio Lower Upper

83 100

85 66.0 51.6 77.4



#30

Cyclohexane

Concen: 14.510 ppbv

RT: 6.594 min Scan# 1241

Delta R.T. 0.000 min

Lab File: VL039816.D

Acq: 2 Nov 2022 14:35

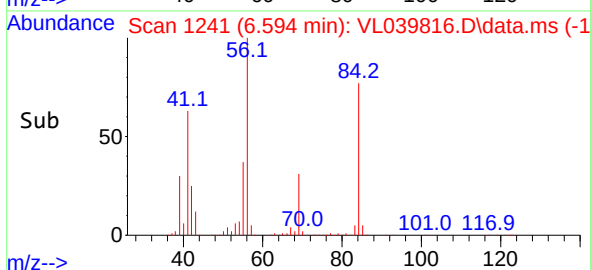
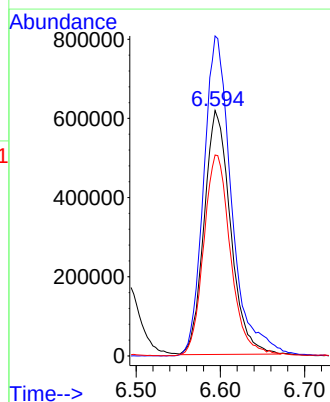
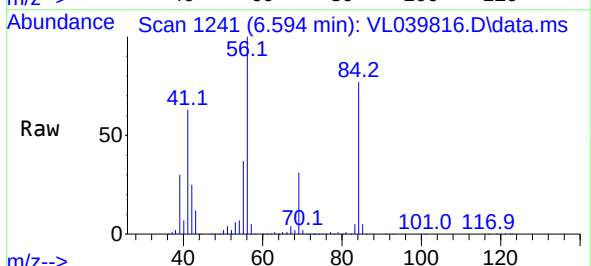
Tgt Ion: 84 Resp: 1343251

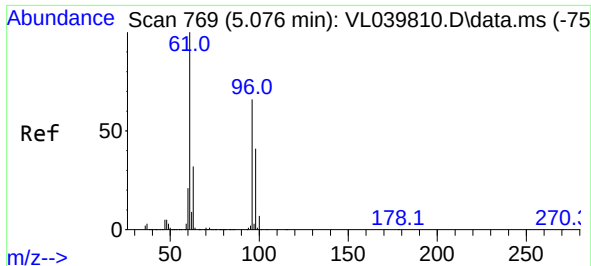
Ion Ratio Lower Upper

84 100

56 139.8 114.8 172.2

41 84.8 68.6 103.0

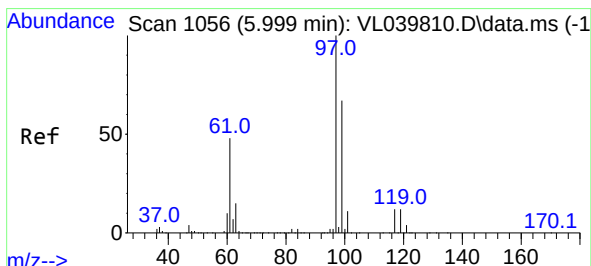
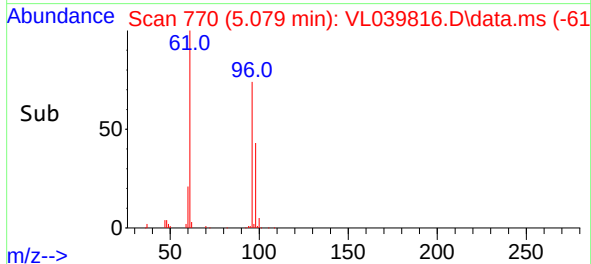
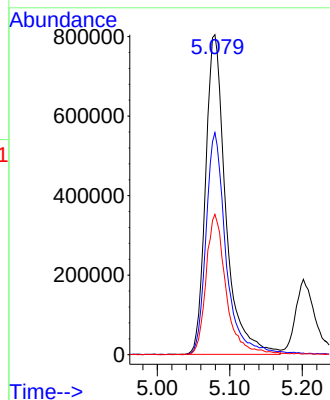
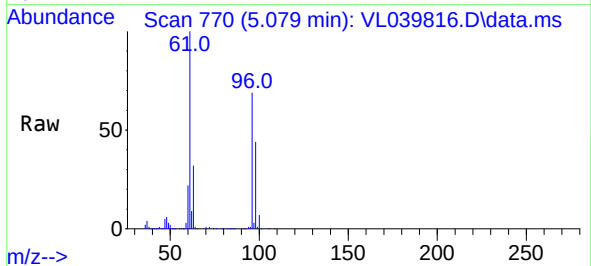




#31
cis-1,2-Dichloroethene
Concen: 15.437 ppbv
RT: 5.079 min Scan# 71
Delta R.T. 0.003 min
Lab File: VL039816.D
Acq: 2 Nov 2022 14:35

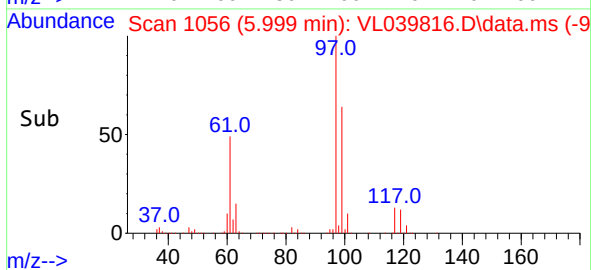
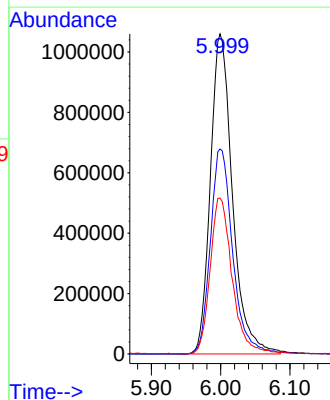
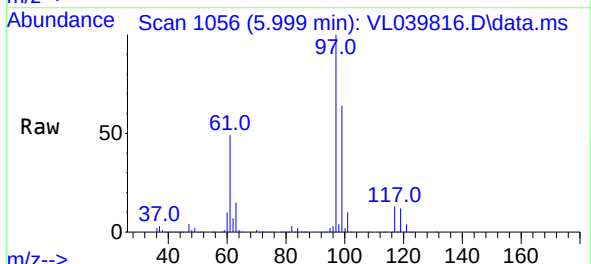
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

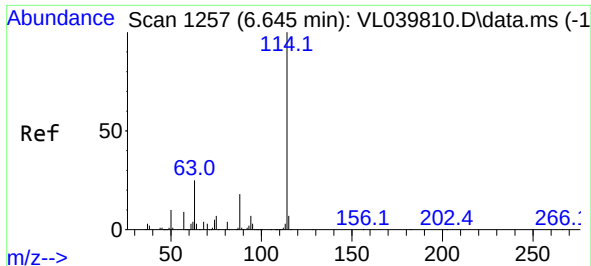
Tgt Ion: 61 Resp: 1558212
Ion Ratio Lower Upper
61 100
96 69.4 52.6 78.8
98 43.8 32.6 48.8



#32
1,1,1-Trichloroethane
Concen: 15.123 ppbv
RT: 5.999 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VL039816.D
Acq: 2 Nov 2022 14:35

Tgt Ion: 97 Resp: 2343384
Ion Ratio Lower Upper
97 100
99 65.2 52.7 79.1
61 48.7 38.9 58.3





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.648 min Scan# 11

Delta R.T. 0.003 min

Lab File: VL039816.D

Acq: 2 Nov 2022 14:35

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC015

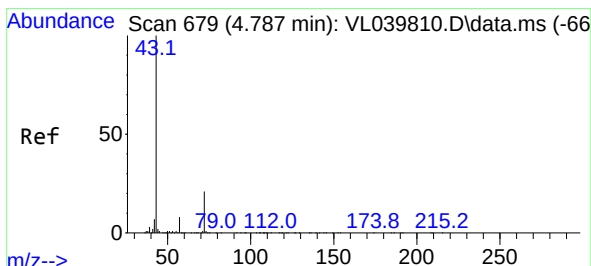
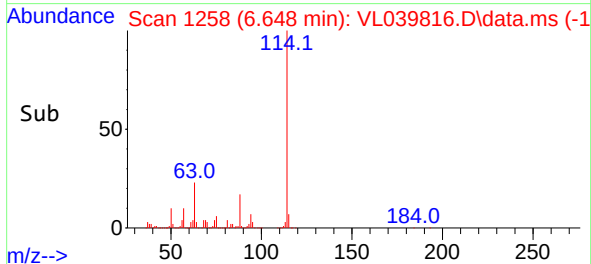
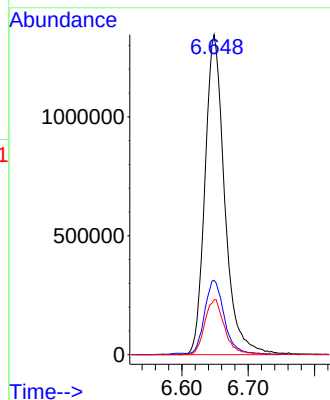
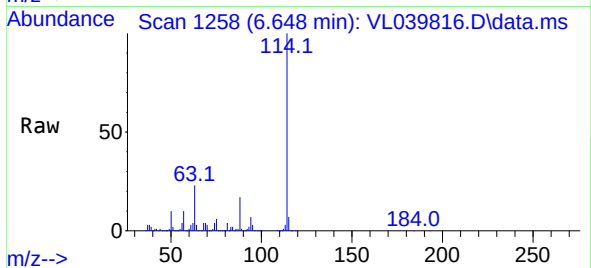
Tgt Ion:114 Resp: 2776596

Ion Ratio Lower Upper

114 100

63 24.0 19.8 29.6

88 17.6 14.4 21.6



#34

2-Butanone

Concen: 14.863 ppbv

RT: 4.790 min Scan# 680

Delta R.T. 0.003 min

Lab File: VL039816.D

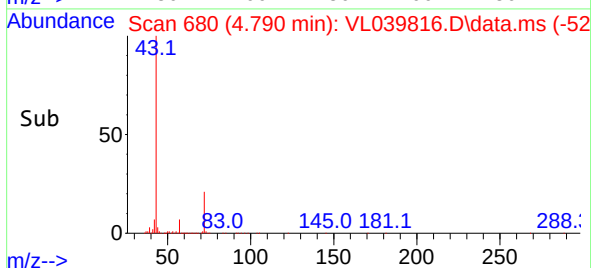
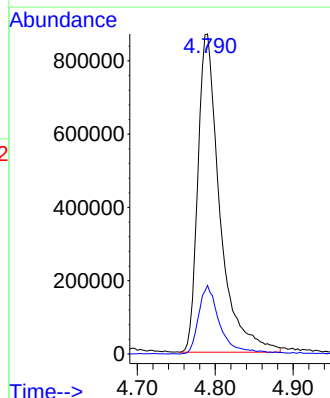
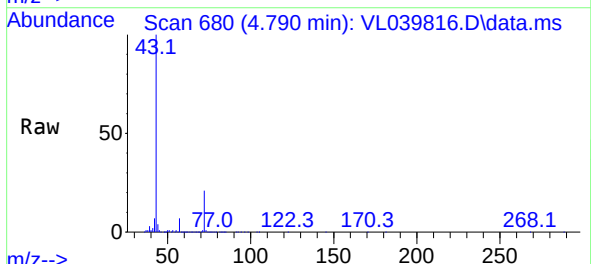
Acq: 2 Nov 2022 14:35

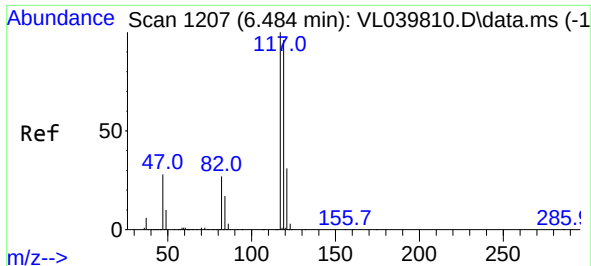
Tgt Ion: 43 Resp: 1702444

Ion Ratio Lower Upper

43 100

72 21.5 17.5 26.3

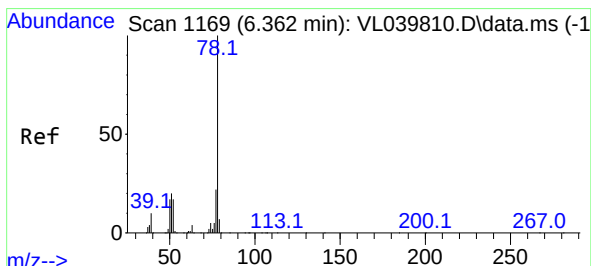
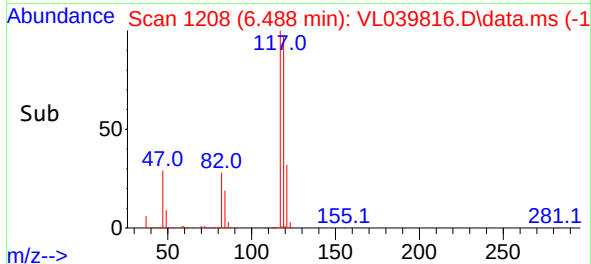
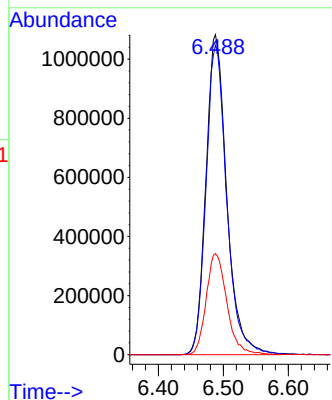
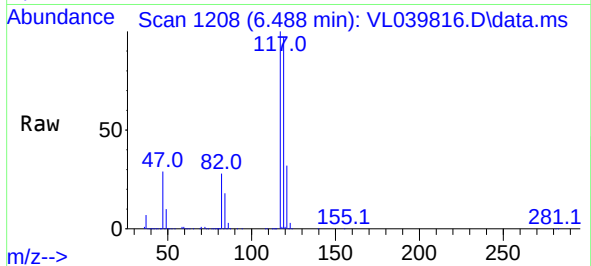




#35
Carbon Tetrachloride
Concen: 14.922 ppbv
RT: 6.488 min Scan# 1170
Delta R.T. 0.003 min
Lab File: VL039816.D
Acq: 2 Nov 2022 14:35

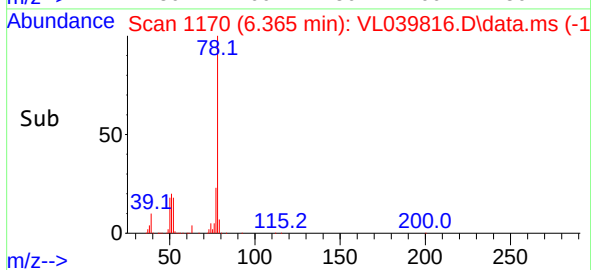
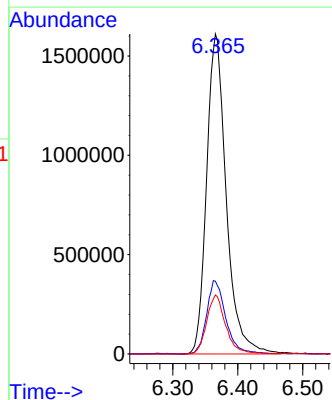
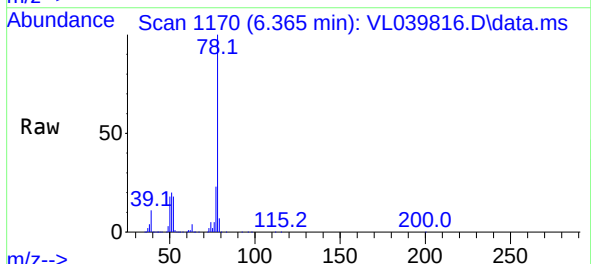
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC015

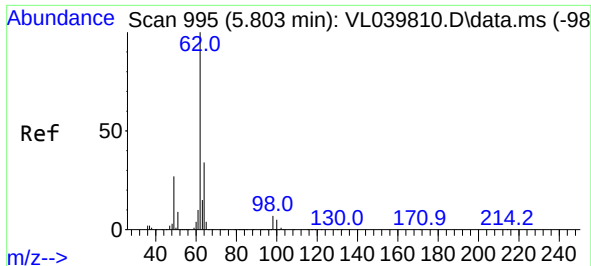
Tgt Ion:117 Resp: 2415077
Ion Ratio Lower Upper
117 100
119 96.6 76.5 114.7
121 31.6 25.2 37.8



#36
Benzene
Concen: 14.473 ppbv
RT: 6.365 min Scan# 1170
Delta R.T. 0.003 min
Lab File: VL039816.D
Acq: 2 Nov 2022 14:35

Tgt Ion: 78 Resp: 3389737
Ion Ratio Lower Upper
78 100
77 22.7 17.4 26.2
50 18.4 13.9 20.9





#37

1,2-Dichloroethane

Concen: 15.416 ppbv

RT: 5.806 min Scan# 995

Delta R.T. 0.003 min

Lab File: VL039816.D

Acq: 2 Nov 2022 14:35

Instrument :

MSVOA_L

ClientSampleId :

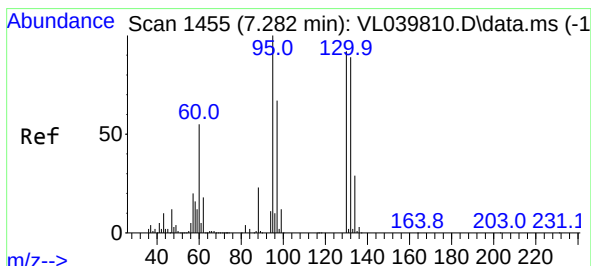
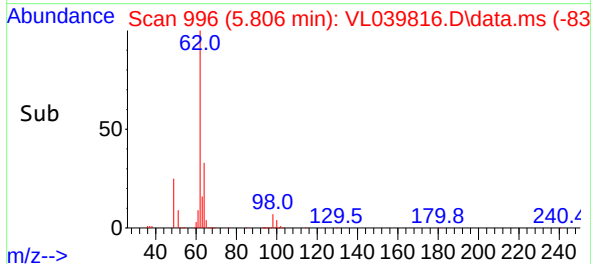
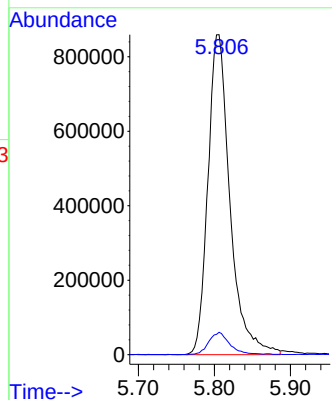
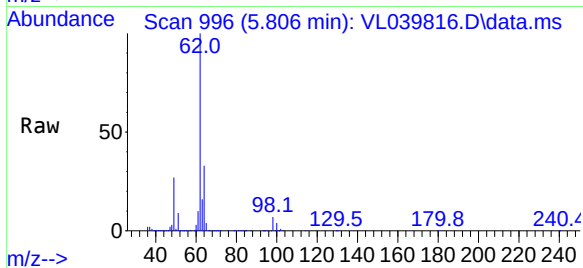
VSTDICC015

Tgt Ion: 62 Resp: 1732400

Ion Ratio Lower Upper

62 100

98 6.8 5.4 8.2



#38

Trichloroethene

Concen: 13.849 ppbv

RT: 7.285 min Scan# 1456

Delta R.T. 0.003 min

Lab File: VL039816.D

Acq: 2 Nov 2022 14:35

Tgt Ion:130 Resp: 1781975

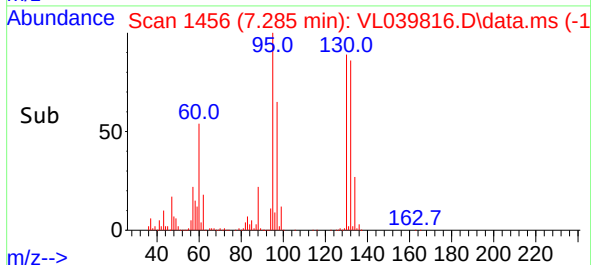
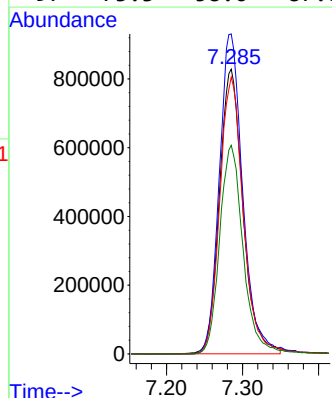
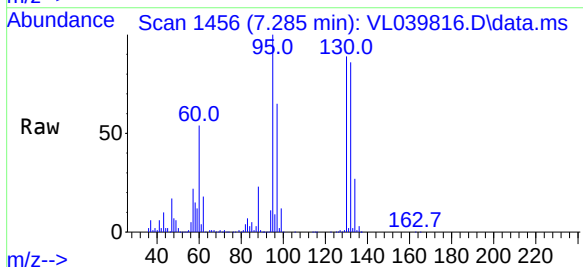
Ion Ratio Lower Upper

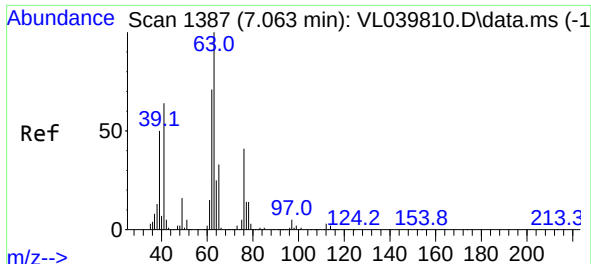
130 100

95 112.4 87.4 131.2

132 97.2 77.7 116.5

97 73.3 58.6 87.8





#39

1,2-Dichloropropane

Concen: 14.299 ppbv

RT: 7.070 min Scan# 11

Delta R.T. 0.007 min

Lab File: VL039816.D

Acq: 2 Nov 2022 14:35

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC015

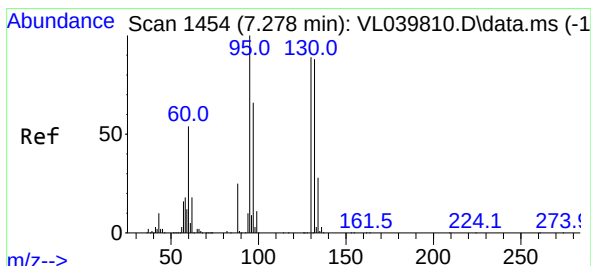
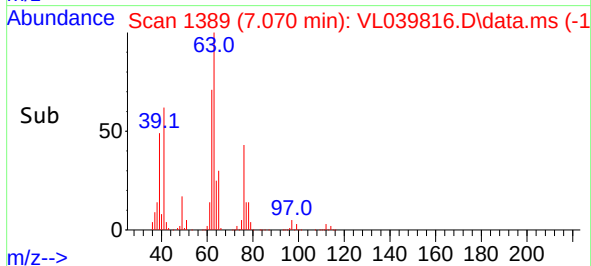
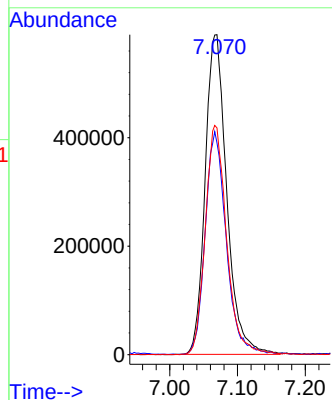
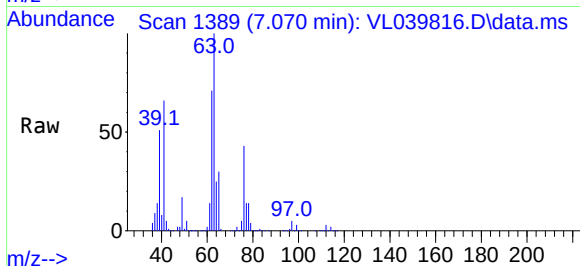
Tgt Ion: 63 Resp: 1304901

Ion Ratio Lower Upper

63 100

41 66.1 51.0 76.4

62 70.9 56.6 85.0



#40

1,4-Dioxane

Concen: 7.653 ppbv

RT: 7.282 min Scan# 1455

Delta R.T. 0.003 min

Lab File: VL039816.D

Acq: 2 Nov 2022 14:35

Tgt Ion: 88 Resp: 267445

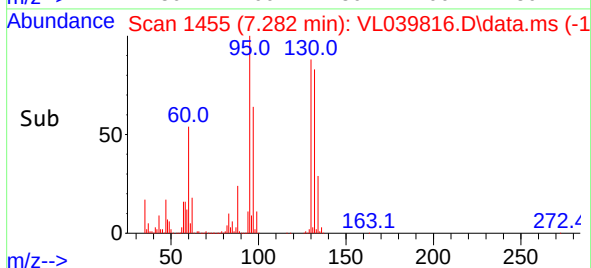
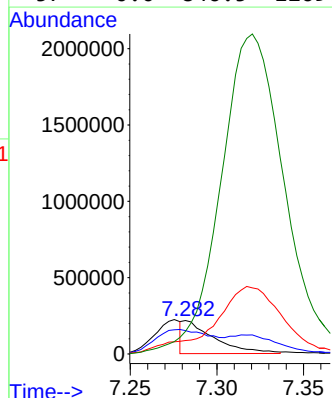
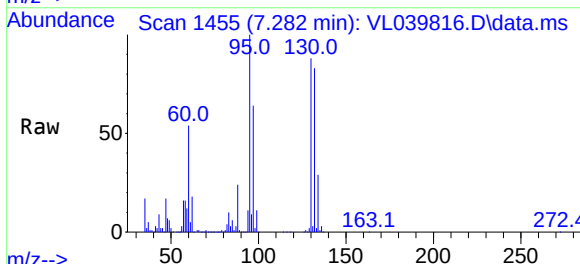
Ion Ratio Lower Upper

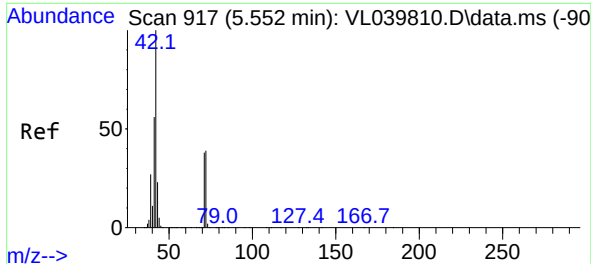
88 100

58 237.3 99.5 149.3#

43 0.0 189.7 284.5#

57 0.0 846.5 1269.7#

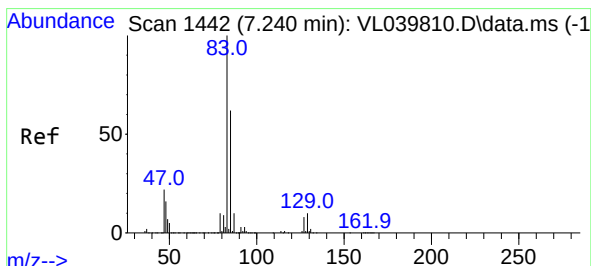
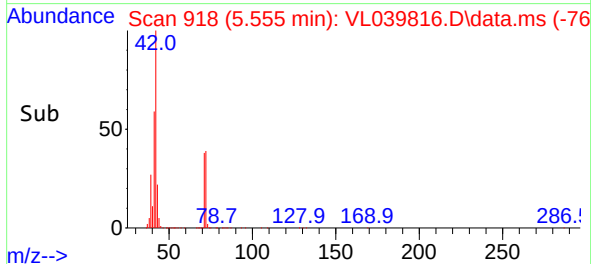
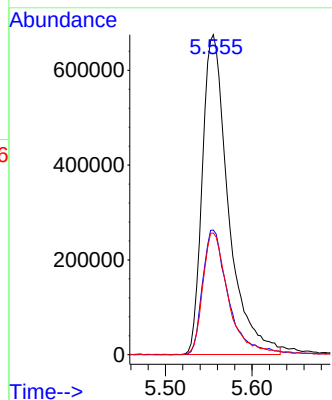
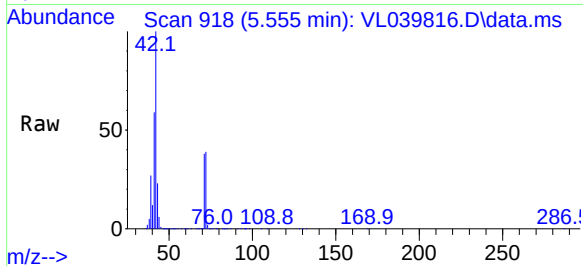




#41
Tetrahydrofuran
Concen: 14.743 ppbv
RT: 5.555 min Scan# 917
Delta R.T. 0.003 min
Lab File: VL039816.D
Acq: 2 Nov 2022 14:35

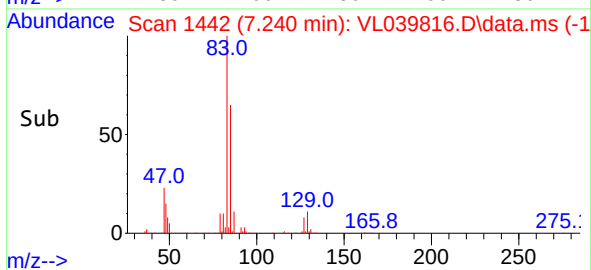
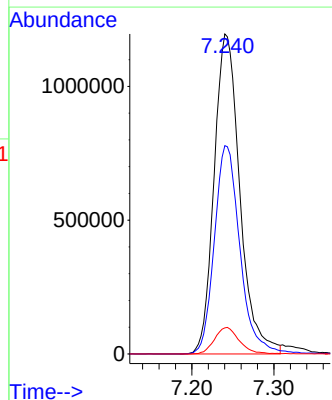
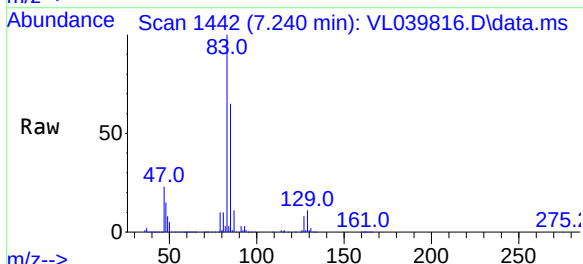
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

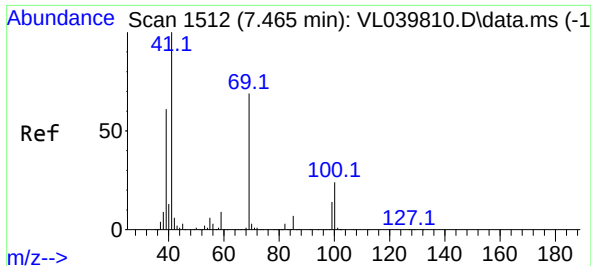
Tgt Ion: 42 Resp: 1411348
Ion Ratio Lower Upper
42 100
72 39.3 31.4 47.2
71 38.4 31.5 47.3



#42
Bromodichloromethane
Concen: 14.534 ppbv
RT: 7.240 min Scan# 1442
Delta R.T. 0.000 min
Lab File: VL039816.D
Acq: 2 Nov 2022 14:35

Tgt Ion: 83 Resp: 2608693
Ion Ratio Lower Upper
83 100
85 65.1 49.9 74.9
127 8.2 6.4 9.6

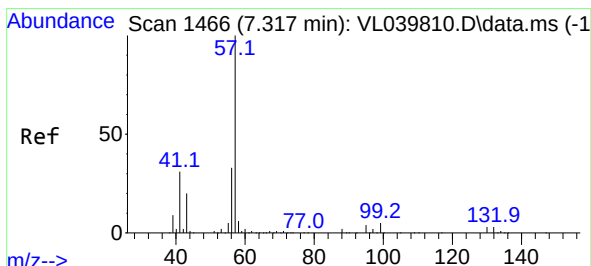
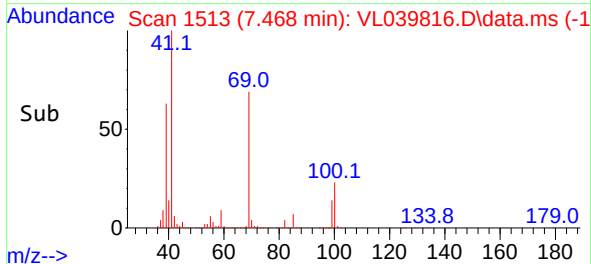
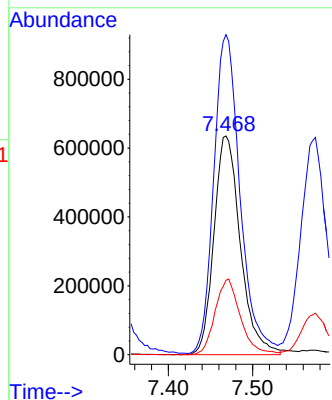
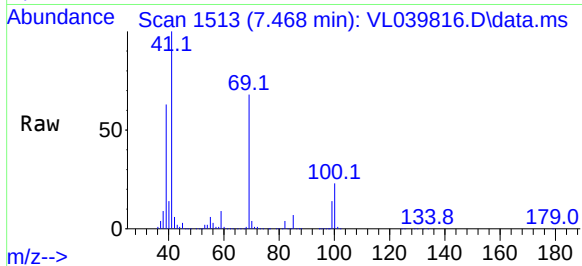




#43
Methyl Methacrylate
Concen: 14.910 ppbv
RT: 7.468 min Scan# 1513
Delta R.T. 0.003 min
Lab File: VL039816.D
Acq: 2 Nov 2022 14:35

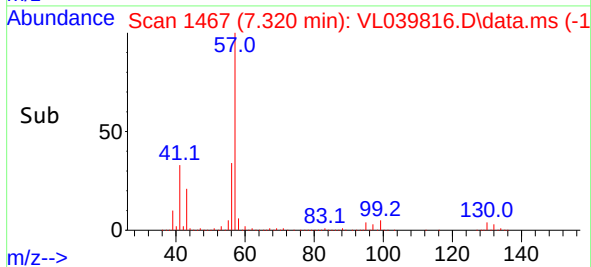
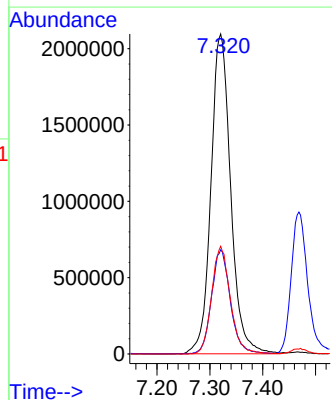
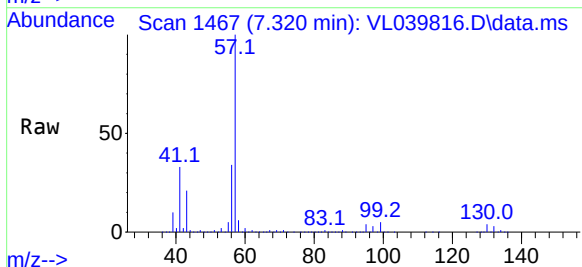
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC015

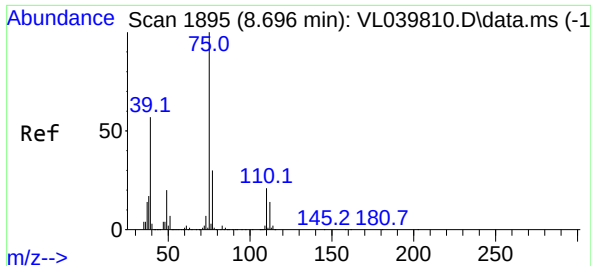
Tgt Ion: 69 Resp: 1380152
Ion Ratio Lower Upper
69 100
41 145.5 115.7 173.5
100 33.2 25.9 38.9



#44
2,2,4-Trimethylpentane
Concen: 13.782 ppbv
RT: 7.320 min Scan# 1467
Delta R.T. 0.003 min
Lab File: VL039816.D
Acq: 2 Nov 2022 14:35

Tgt Ion: 57 Resp: 5448506
Ion Ratio Lower Upper
57 100
41 31.0 24.6 36.8
56 31.9 25.4 38.0





#45

t-1,3-Dichloropropene

Concen: 16.409 ppbv

RT: 8.700 min Scan# 11

Delta R.T. 0.003 min

Lab File: VL039816.D

Acq: 2 Nov 2022 14:35

Instrument :

MSVOA_1

ClientSampleId :

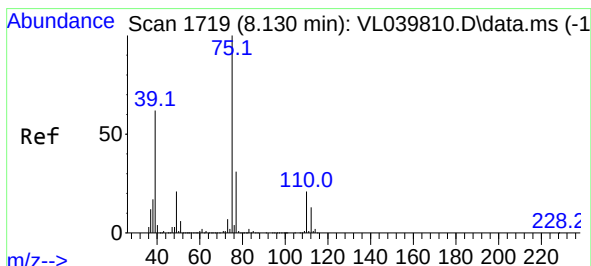
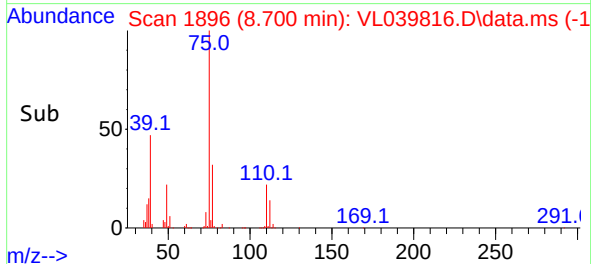
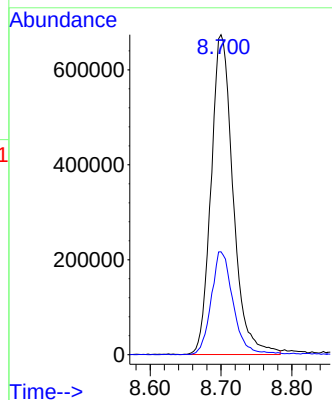
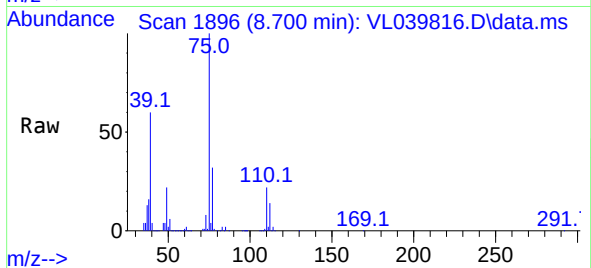
VSTDIC015

Tgt Ion: 75 Resp: 1454948

Ion Ratio Lower Upper

75 100

77 32.2 24.4 36.6



#46

cis-1,3-Dichloropropene

Concen: 15.455 ppbv

RT: 8.134 min Scan# 1720

Delta R.T. 0.003 min

Lab File: VL039816.D

Acq: 2 Nov 2022 14:35

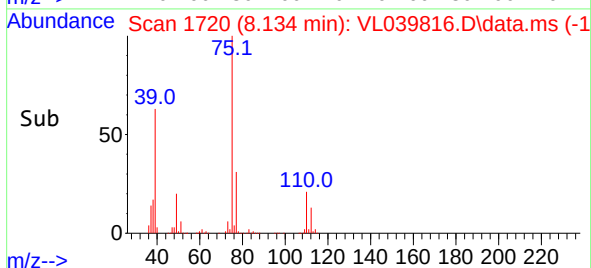
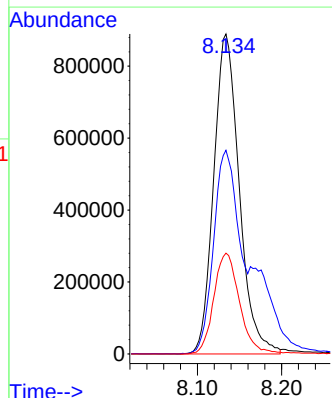
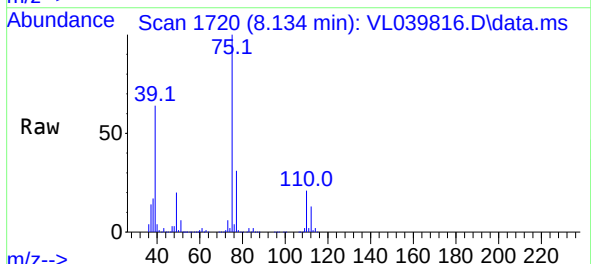
Tgt Ion: 75 Resp: 1870487

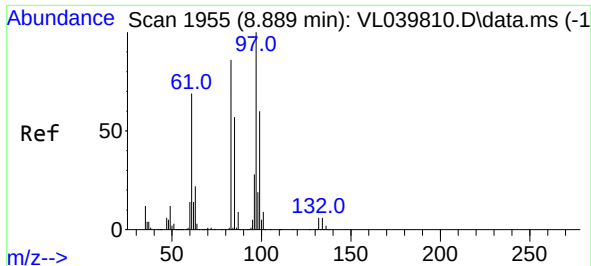
Ion Ratio Lower Upper

75 100

39 63.6 50.0 75.0

77 31.5 25.1 37.7





#47

1,1,2-Trichloroethane

Concen: 14.573 ppbv

RT: 8.890 min Scan# 1955

Delta R.T. 0.000 min

Lab File: VL039816.D

Acq: 2 Nov 2022 14:35

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC015

Tgt Ion: 97 Resp: 1346595

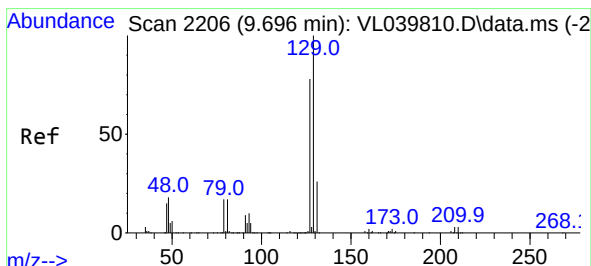
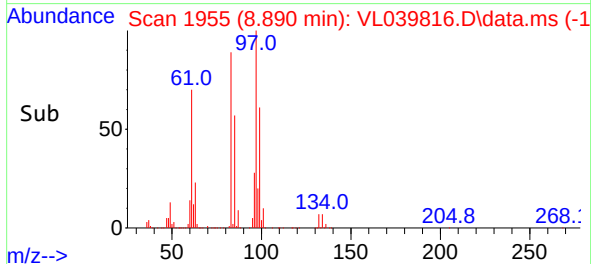
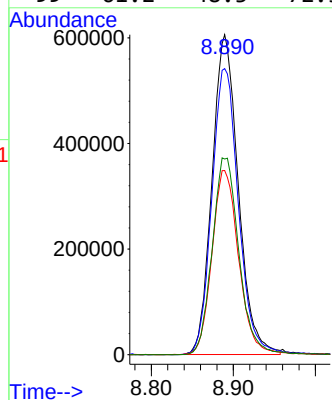
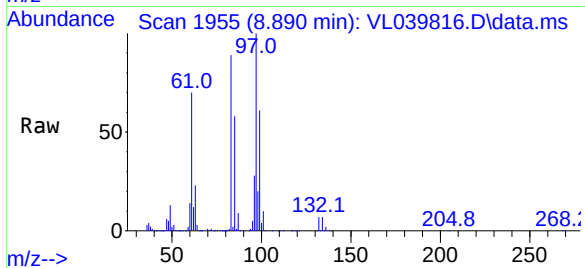
Ion Ratio Lower Upper

97 100

83 89.4 68.8 103.2

85 57.5 45.8 68.6

99 61.2 48.3 72.5



#48

Dibromochloromethane

Concen: 14.849 ppbv

RT: 9.697 min Scan# 2206

Delta R.T. 0.000 min

Lab File: VL039816.D

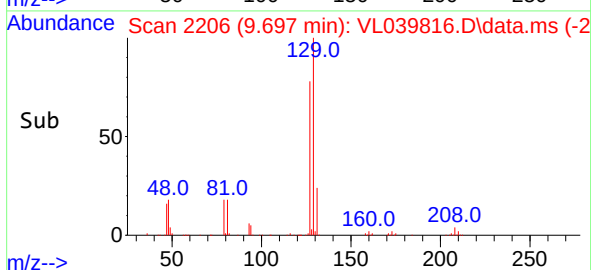
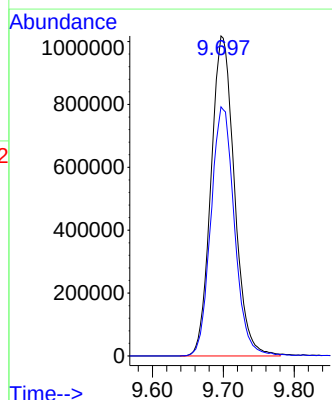
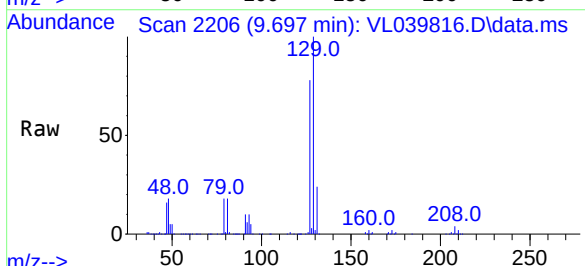
Acq: 2 Nov 2022 14:35

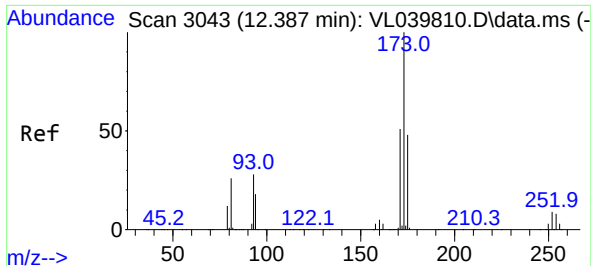
Tgt Ion: 129 Resp: 2337977

Ion Ratio Lower Upper

129 100

127 78.6 39.4 118.1

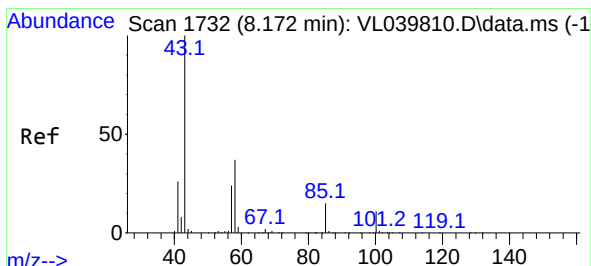
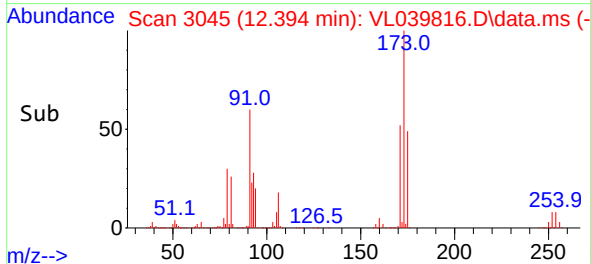
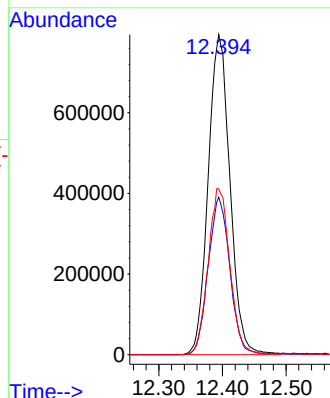
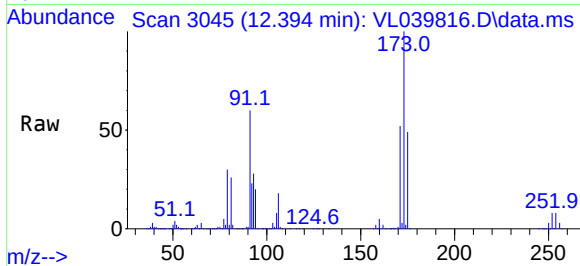




#49
Bromoform
Concen: 14.907 ppbv
RT: 12.394 min Scan# 3045
Delta R.T. 0.007 min
Lab File: VL039816.D
Acq: 2 Nov 2022 14:35

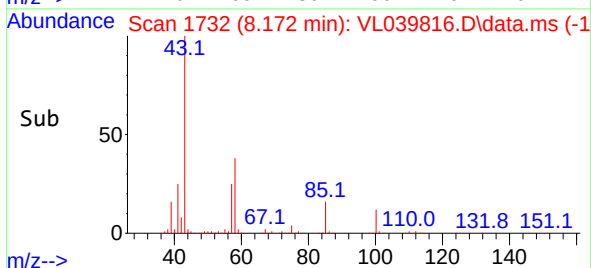
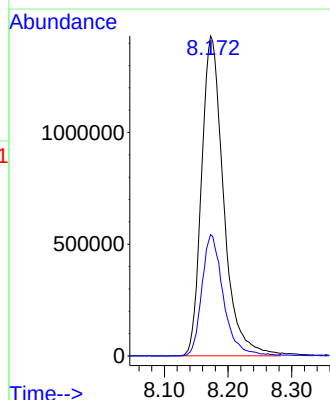
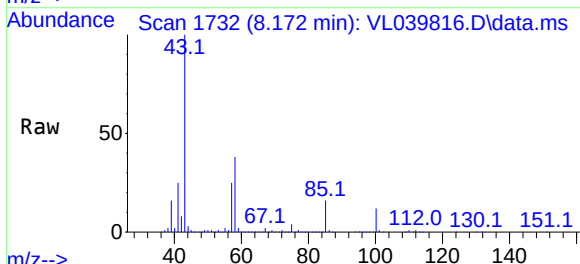
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC015

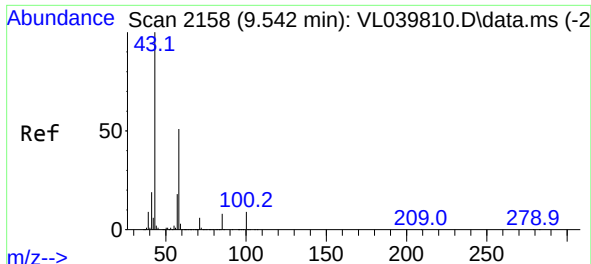
Tgt Ion:173 Resp: 1886674
Ion Ratio Lower Upper
173 100
175 49.3 39.7 59.5
171 52.3 41.7 62.5



#50
4-Methyl-2-Pentanone
Concen: 14.661 ppbv
RT: 8.172 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VL039816.D
Acq: 2 Nov 2022 14:35

Tgt Ion: 43 Resp: 3438019
Ion Ratio Lower Upper
43 100
58 37.5 29.8 44.6



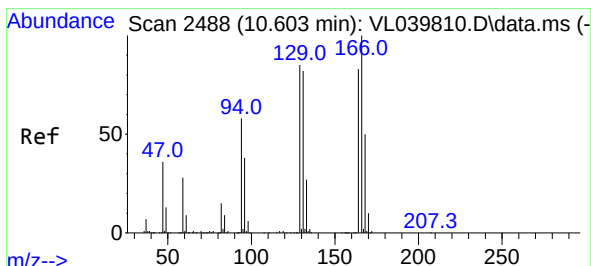
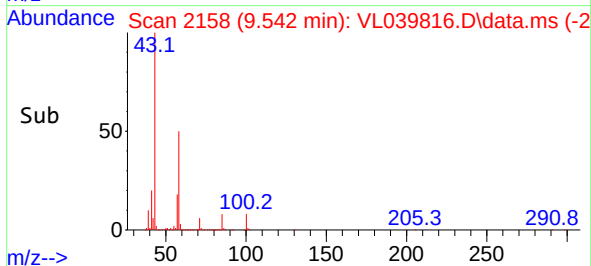
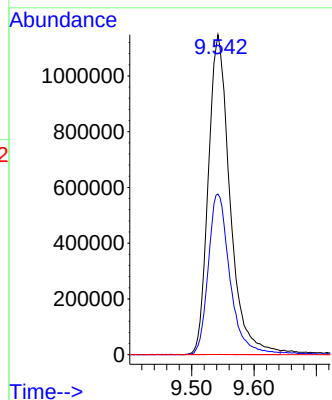
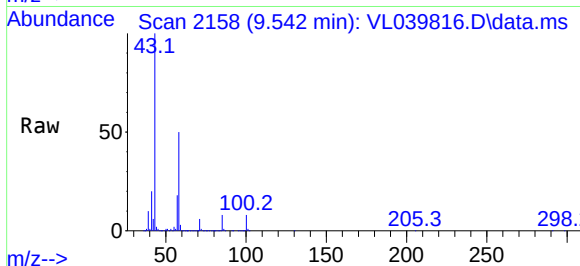


#51
2-Hexanone
Concen: 15.143 ppbv
RT: 9.542 min Scan# 2158
Delta R.T. 0.000 min
Lab File: VL039816.D
Acq: 2 Nov 2022 14:35

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

Tgt Ion: 43 Resp: 2768877

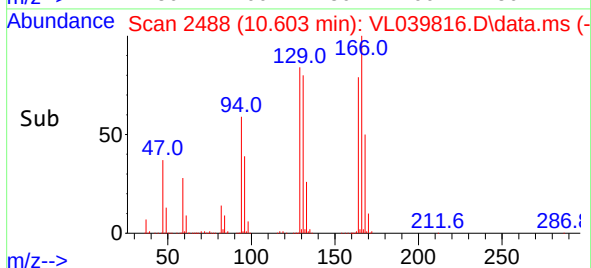
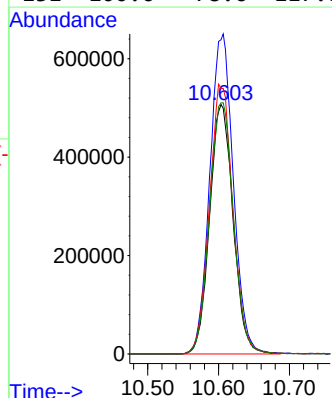
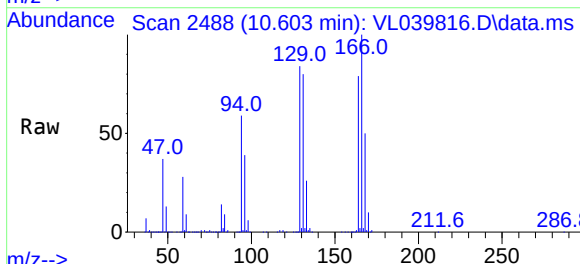
Ion	Ratio	Lower	Upper
43	100		
58	51.0	40.5	60.7
98	0.1	0.1	0.1

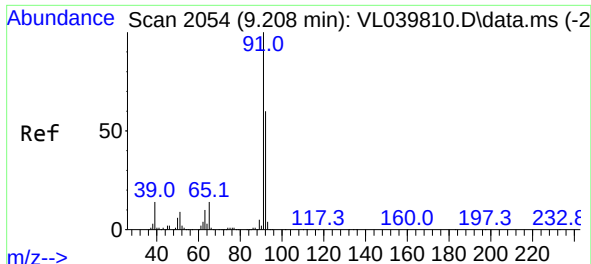


#52
Tetrachloroethene
Concen: 13.180 ppbv
RT: 10.603 min Scan# 2488
Delta R.T. 0.000 min
Lab File: VL039816.D
Acq: 2 Nov 2022 14:35

Tgt Ion: 164 Resp: 1165654

Ion	Ratio	Lower	Upper
164	100		
166	125.9	96.0	144.0
129	106.3	81.4	122.2
131	100.6	78.6	117.8

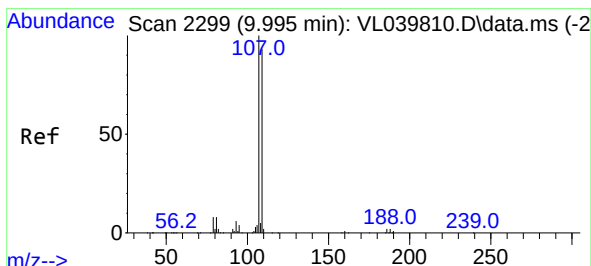
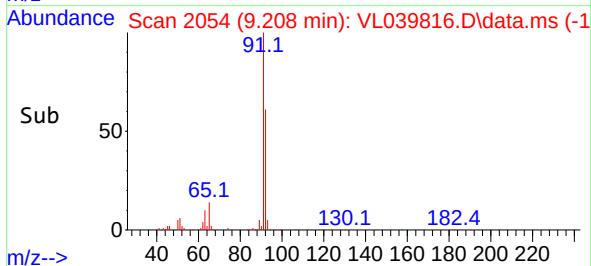
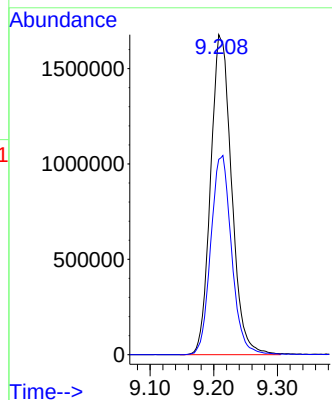
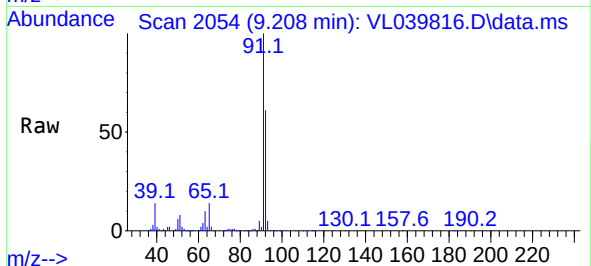




#53
Toluene
Concen: 14.281 ppbv
RT: 9.208 min Scan# 2054
Delta R.T. 0.000 min
Lab File: VL039816.D
Acq: 2 Nov 2022 14:35

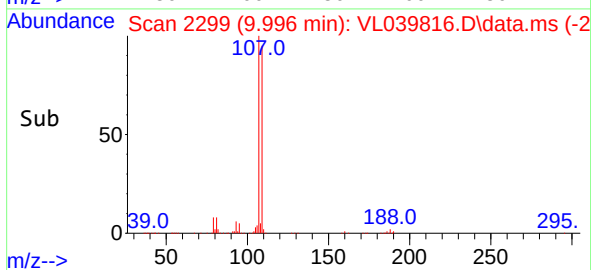
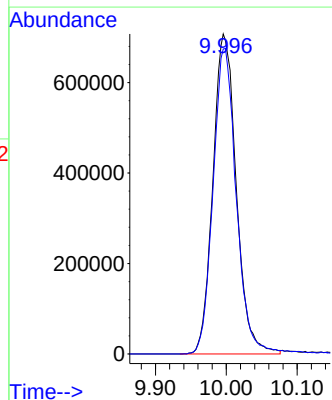
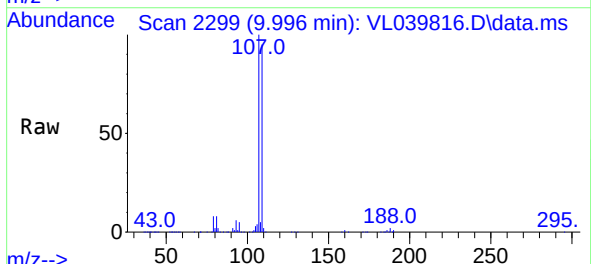
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

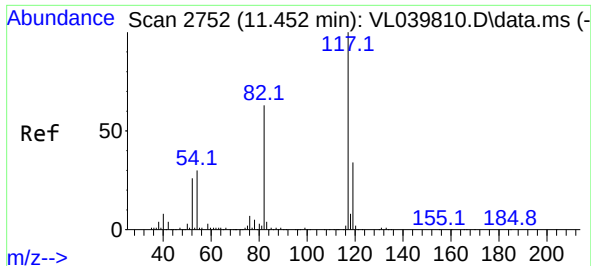
Tgt Ion: 91 Resp: 3837205
Ion Ratio Lower Upper
91 100
92 61.8 49.6 74.4



#54
1,2-Dibromoethane
Concen: 15.764 ppbv
RT: 9.996 min Scan# 2299
Delta R.T. 0.000 min
Lab File: VL039816.D
Acq: 2 Nov 2022 14:35

Tgt Ion: 107 Resp: 1616645
Ion Ratio Lower Upper
107 100
109 95.3 74.5 111.7

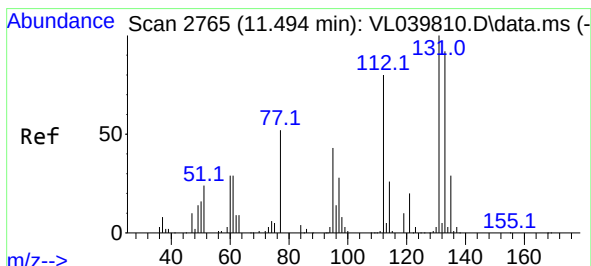
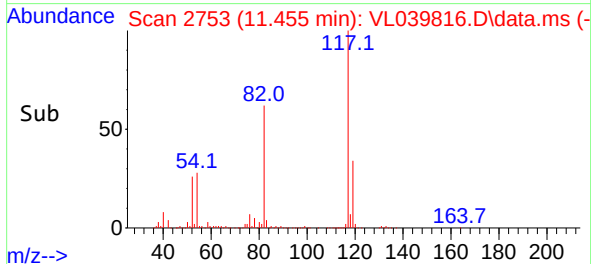
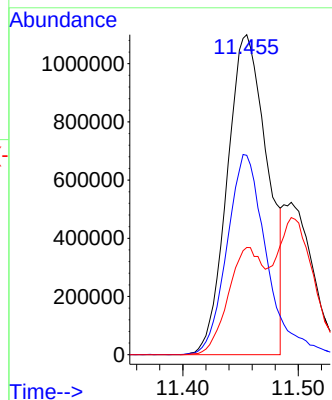
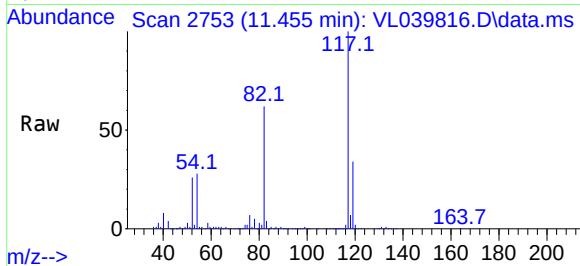




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.455 min Scan# 21
Delta R.T. 0.003 min
Lab File: VL039816.D
Acq: 2 Nov 2022 14:35

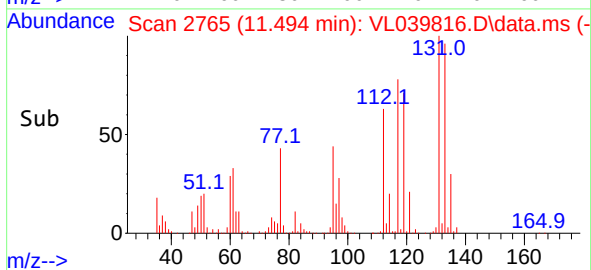
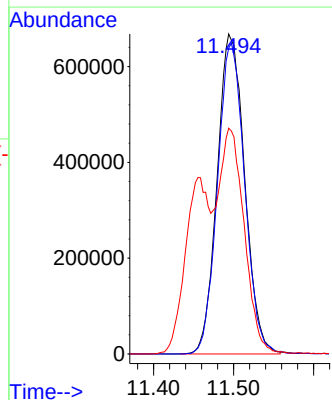
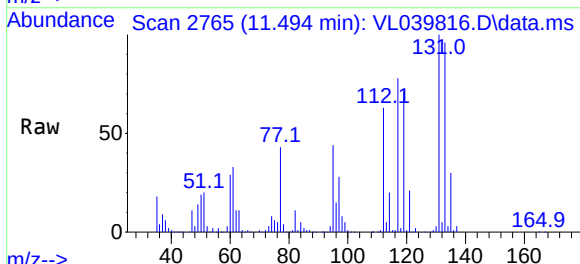
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

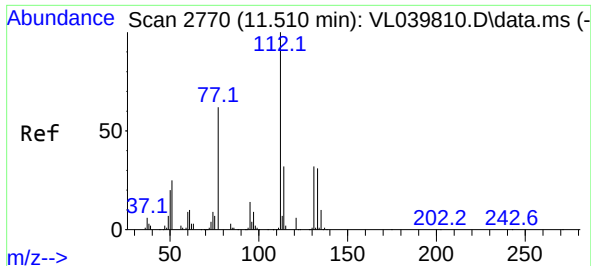
Tgt Ion:117 Resp: 2667003
Ion Ratio Lower Upper
117 100
82 62.0 51.0 76.6
119 32.9 24.7 37.1



#56
1,1,1,2-Tetrachloroethane
Concen: 13.972 ppbv
RT: 11.494 min Scan# 2765
Delta R.T. 0.000 min
Lab File: VL039816.D
Acq: 2 Nov 2022 14:35

Tgt Ion:131 Resp: 1593141
Ion Ratio Lower Upper
131 100
133 96.1 76.9 115.3
119 61.6 52.2 78.2

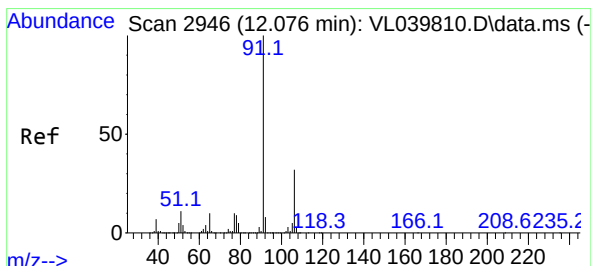
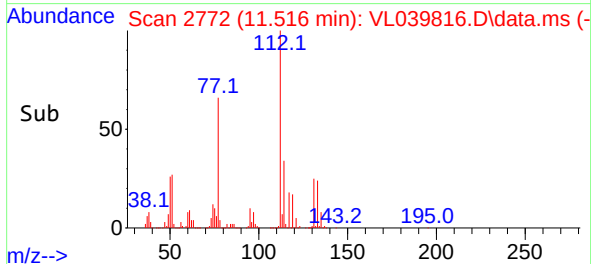
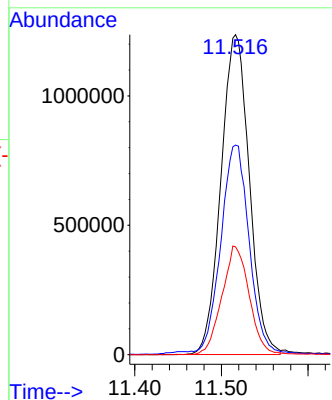
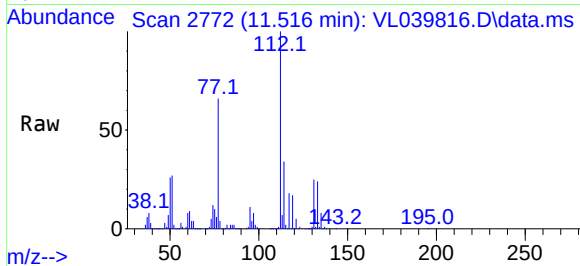




#57
Chlorobenzene
Concen: 13.897 ppbv
RT: 11.516 min Scan# 211
Delta R.T. 0.007 min
Lab File: VL039816.D
Acq: 2 Nov 2022 14:35

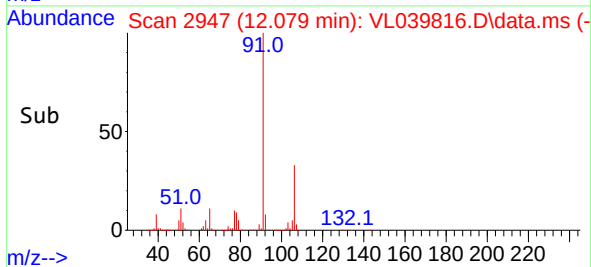
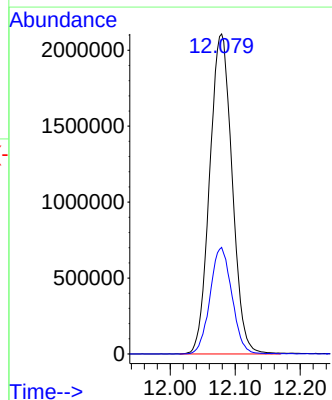
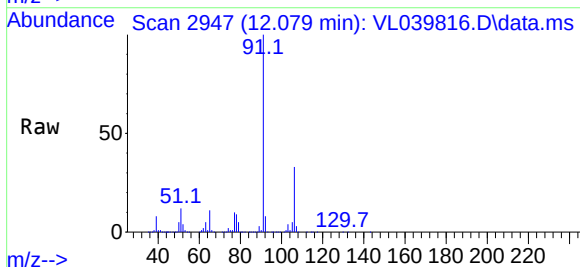
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC015

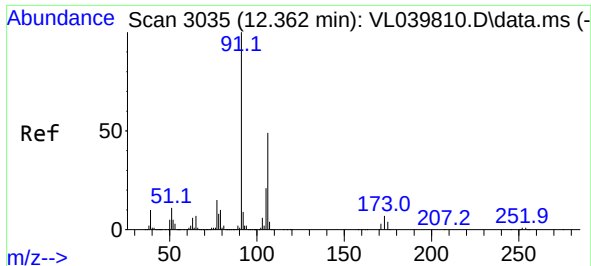
Tgt Ion:112 Resp: 2811427
Ion Ratio Lower Upper
112 100
77 64.6 49.8 74.6
114 33.6 29.0 35.4



#58
Ethyl Benzene
Concen: 14.014 ppbv
RT: 12.079 min Scan# 2947
Delta R.T. 0.003 min
Lab File: VL039816.D
Acq: 2 Nov 2022 14:35

Tgt Ion: 91 Resp: 5053450
Ion Ratio Lower Upper
91 100
106 33.3 25.9 38.9





#59

m/p-Xylene

Concen: 13.652 ppbv

RT: 12.362 min Scan# 3035

Delta R.T. 0.000 min

Lab File: VL039816.D

Acq: 2 Nov 2022 14:35

Instrument :

MSVOA_L

ClientSampleId :

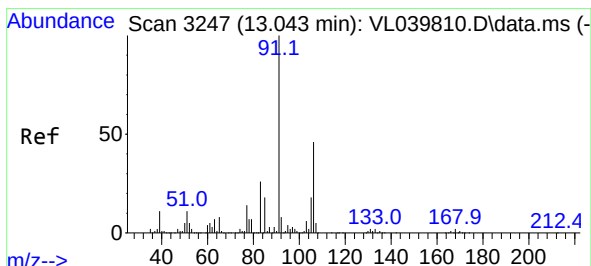
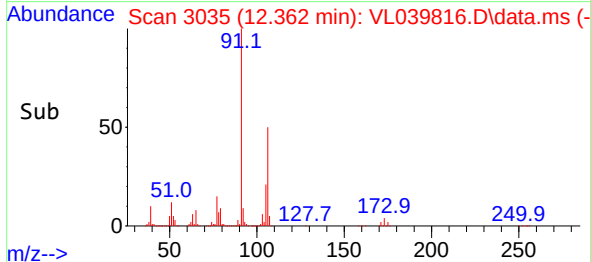
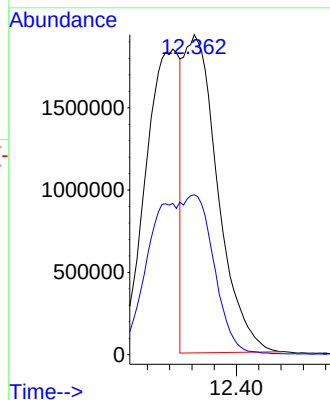
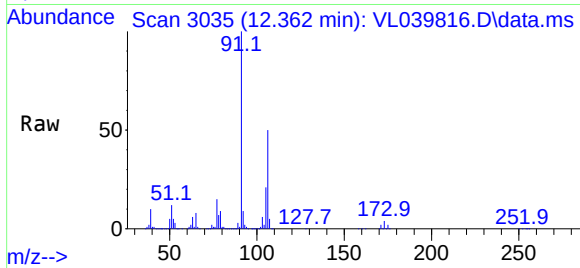
VSTDIC015

Tgt Ion: 91 Resp: 4109349

Ion Ratio Lower Upper

91 100

106 93.8 37.6 56.4#



#60

o-Xylene

Concen: 13.803 ppbv

RT: 13.047 min Scan# 3248

Delta R.T. 0.003 min

Lab File: VL039816.D

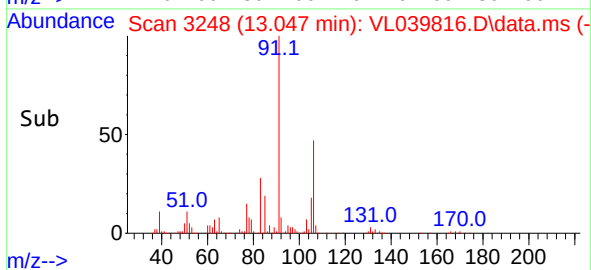
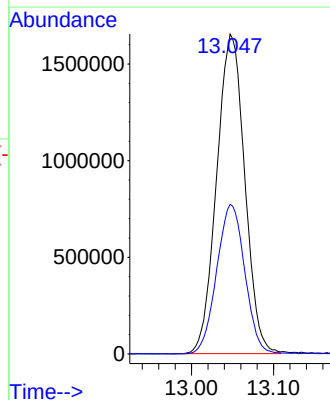
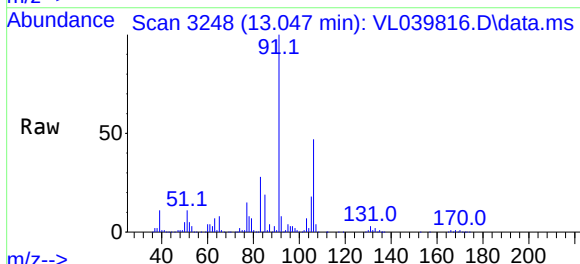
Acq: 2 Nov 2022 14:35

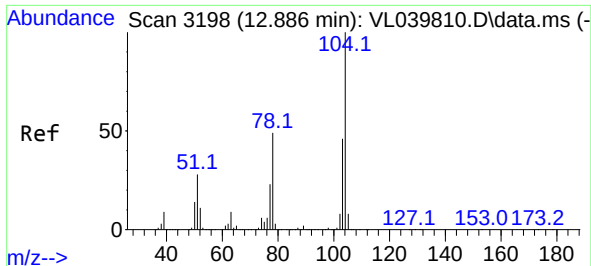
Tgt Ion: 91 Resp: 3936374

Ion Ratio Lower Upper

91 100

106 47.0 23.6 70.8

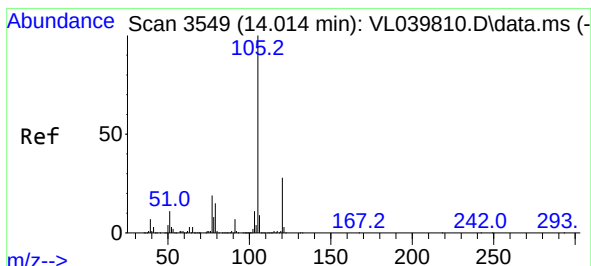
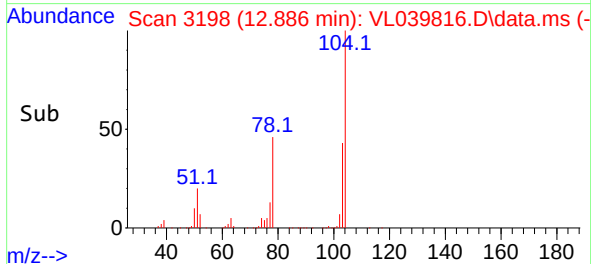
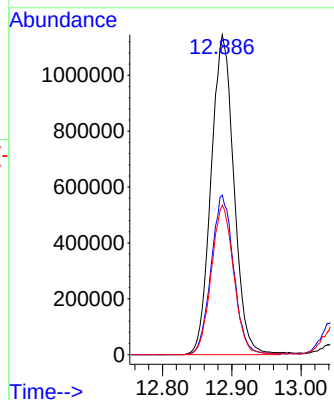
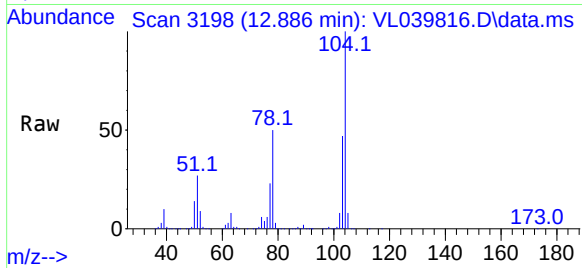




#61
Styrene
Concen: 14.917 ppbv
RT: 12.886 min Scan# 3198
Delta R.T. 0.000 min
Lab File: VL039816.D
Acq: 2 Nov 2022 14:35

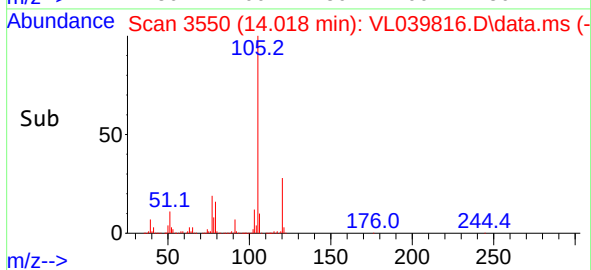
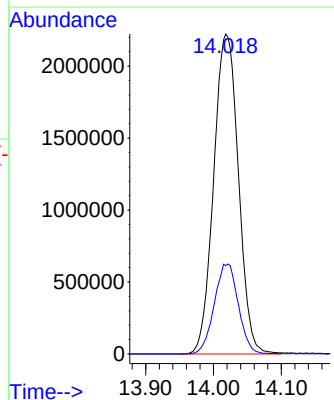
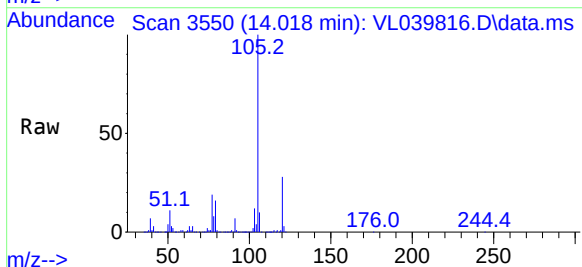
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

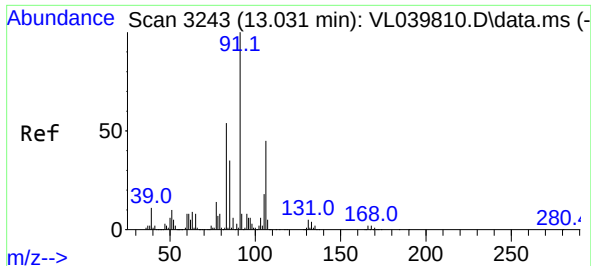
Tgt Ion:104 Resp: 2617710
Ion Ratio Lower Upper
104 100
78 49.7 40.2 60.2
103 46.1 37.5 56.3



#62
Isopropylbenzene
Concen: 13.530 ppbv
RT: 14.018 min Scan# 3550
Delta R.T. 0.003 min
Lab File: VL039816.D
Acq: 2 Nov 2022 14:35

Tgt Ion:105 Resp: 5628888
Ion Ratio Lower Upper
105 100
120 27.5 21.7 32.5

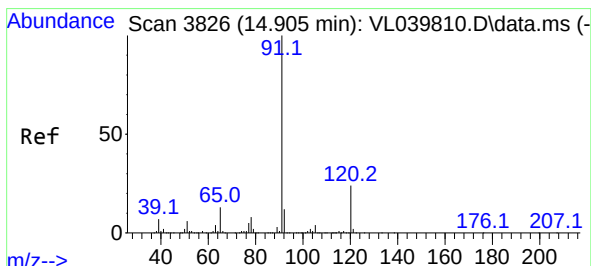
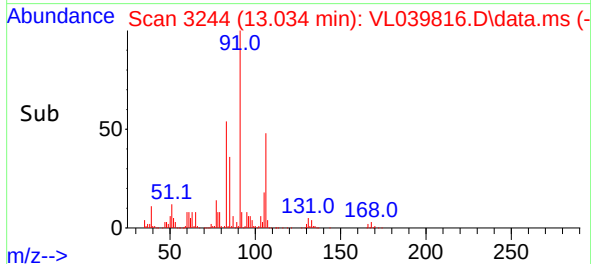
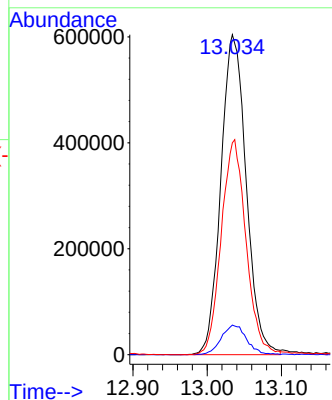
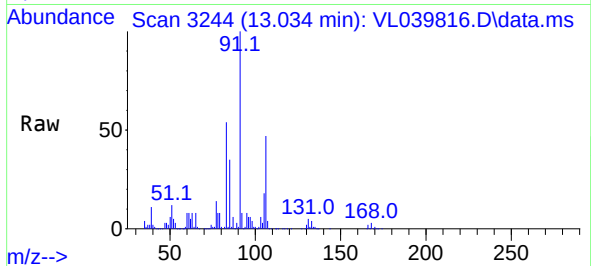




#63
1,1,2,2-Tetrachloroethane
Concen: 13.487 ppbv
RT: 13.034 min Scan# 31
Delta R.T. 0.003 min
Lab File: VL039816.D
Acq: 2 Nov 2022 14:35

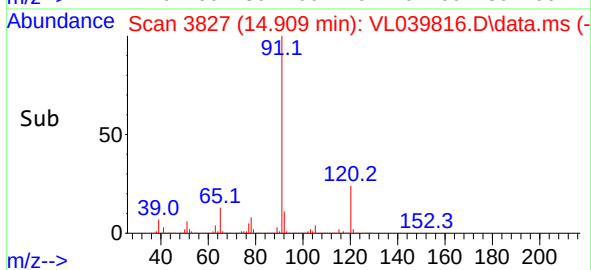
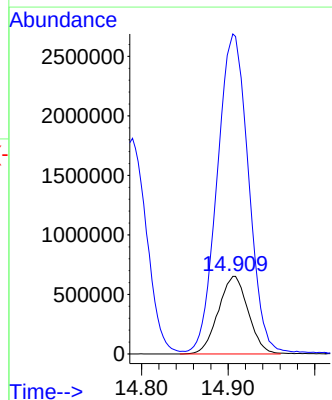
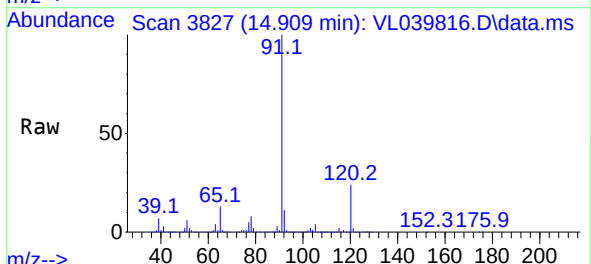
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

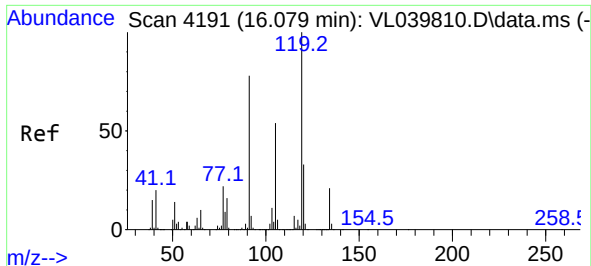
Tgt Ion: 83 Resp: 1432356
Ion Ratio Lower Upper
83 100
131 9.3 4.6 13.8
85 66.2 33.3 99.9



#64
n-propylbenzene
Concen: 14.014 ppbv
RT: 14.909 min Scan# 3827
Delta R.T. 0.003 min
Lab File: VL039816.D
Acq: 2 Nov 2022 14:35

Tgt Ion:120 Resp: 1559569
Ion Ratio Lower Upper
120 100
91 436.2 354.9 532.3

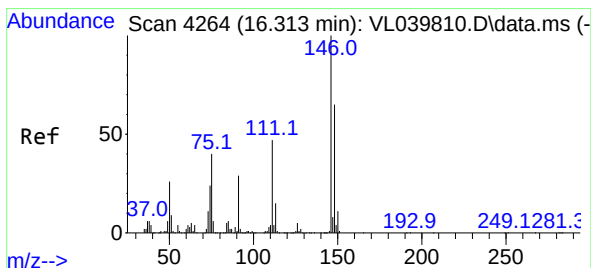
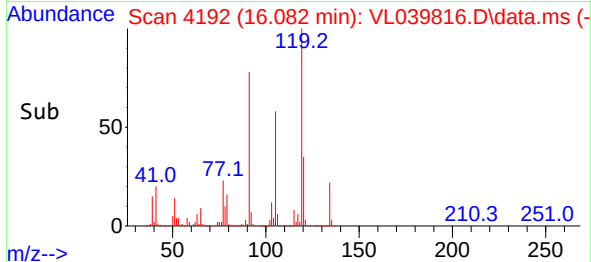
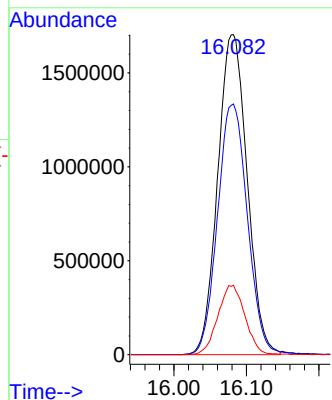
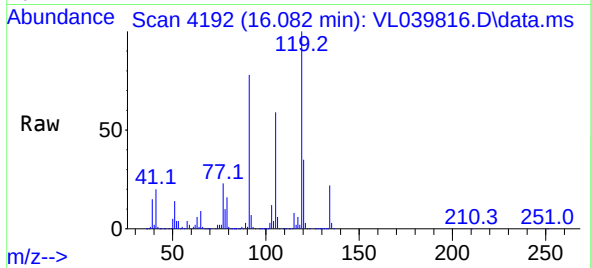




#65
tert-Butylbenzene
Concen: 13.165 ppbv
RT: 16.082 min Scan# 4191
Delta R.T. 0.003 min
Lab File: VL039816.D
Acq: 2 Nov 2022 14:35

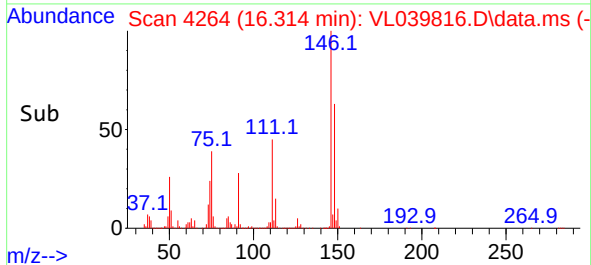
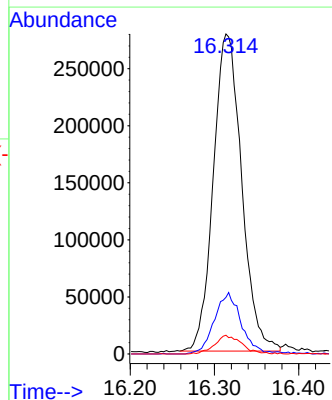
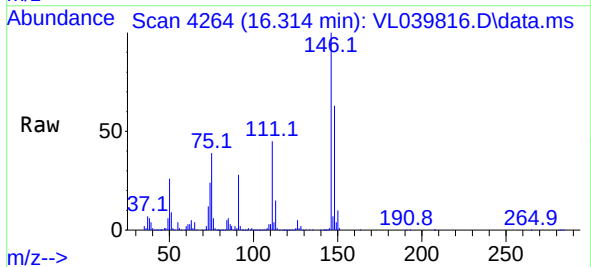
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ClientSampleId :
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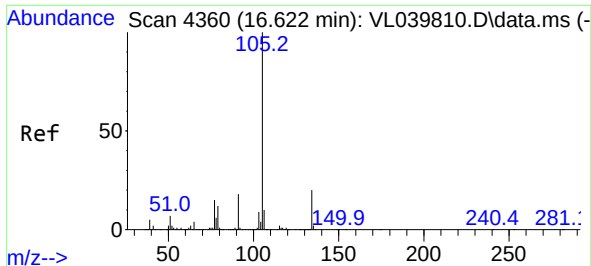
Tgt Ion:119 Resp: 4808841
Ion Ratio Lower Upper
119 100
91 79.4 63.7 95.5
134 20.1 16.2 24.4



#66
Benzyl Chloride
Concen: 15.299 ppbv
RT: 16.314 min Scan# 4264
Delta R.T. 0.000 min
Lab File: VL039816.D
Acq: 2 Nov 2022 14:35

Tgt Ion: 91 Resp: 649768
Ion Ratio Lower Upper
91 100
126 18.6 15.6 23.4
128 5.7 4.9 7.3

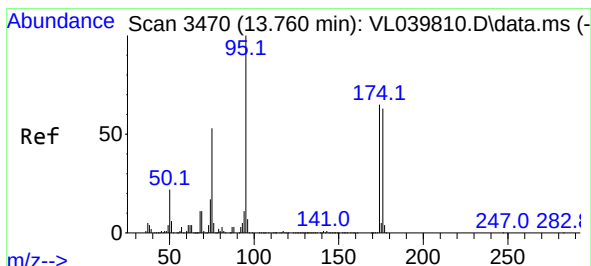
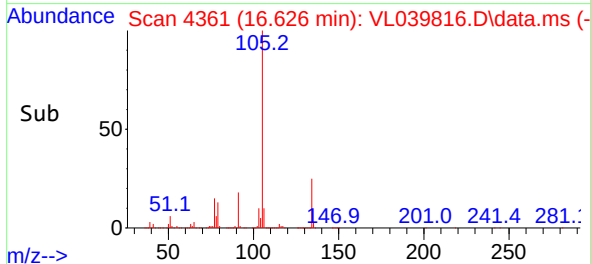
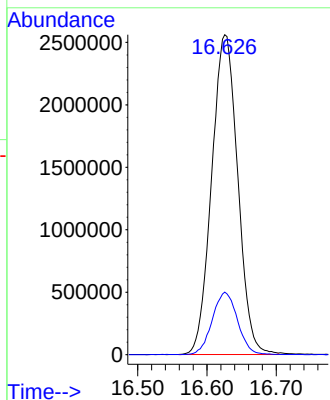
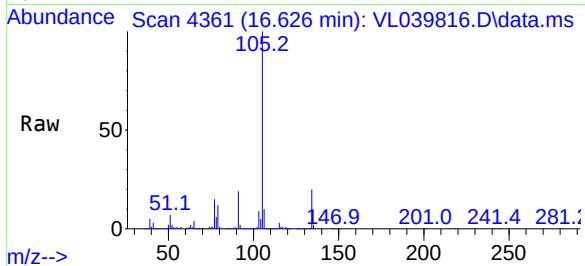




#67
 sec-Butylbenzene
 Concen: 13.483 ppbv
 RT: 16.626 min Scan# 41
 Delta R.T. 0.003 min
 Lab File: VL039816.D
 Acq: 2 Nov 2022 14:35

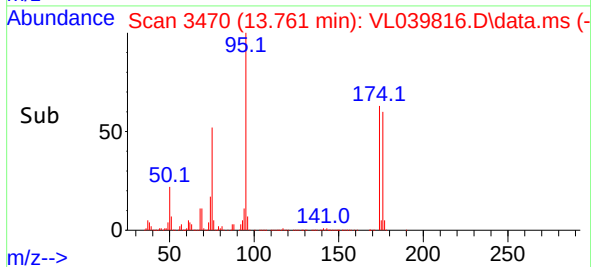
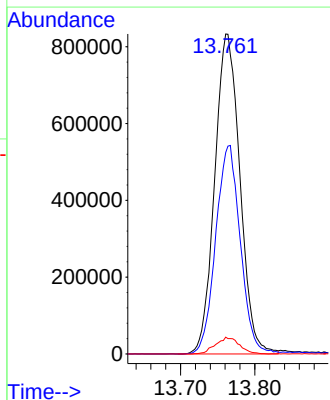
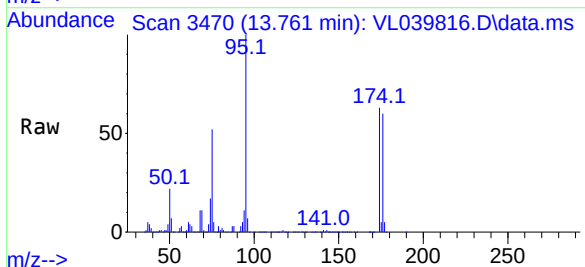
Instrument :
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 ClientSampleId :
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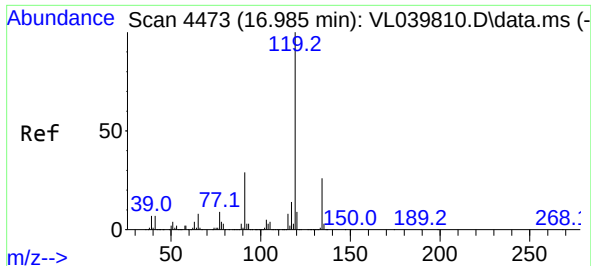
Tgt Ion:105 Resp: 6703972
 Ion Ratio Lower Upper
 105 100
 134 18.9 15.1 22.7



#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.855 ppbv
 RT: 13.761 min Scan# 3470
 Delta R.T. 0.000 min
 Lab File: VL039816.D
 Acq: 2 Nov 2022 14:35

Tgt Ion: 95 Resp: 1967234
 Ion Ratio Lower Upper
 95 100
 174 64.7 53.4 80.0
 175 5.0 4.1 6.1

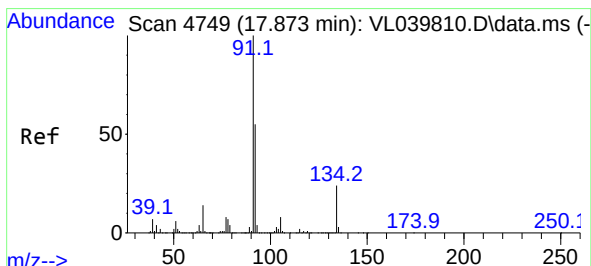
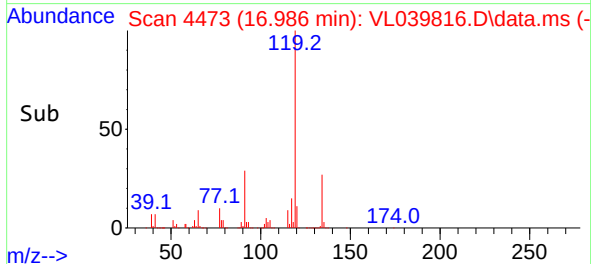
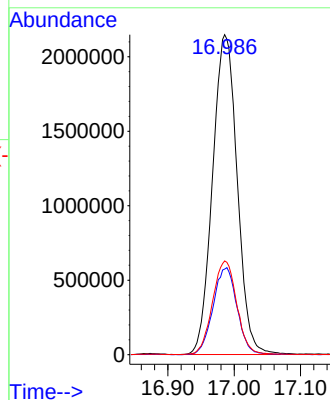
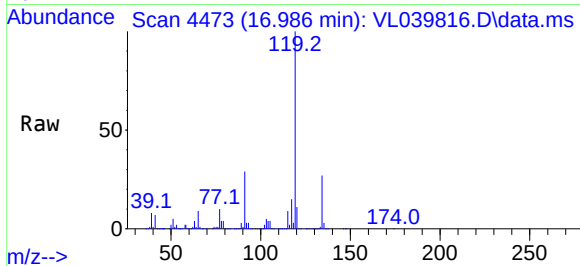




#69
p-Isopropyltoluene
Concen: 13.436 ppbv
RT: 16.986 min Scan# 4473
Delta R.T. 0.000 min
Lab File: VL039816.D
Acq: 2 Nov 2022 14:35

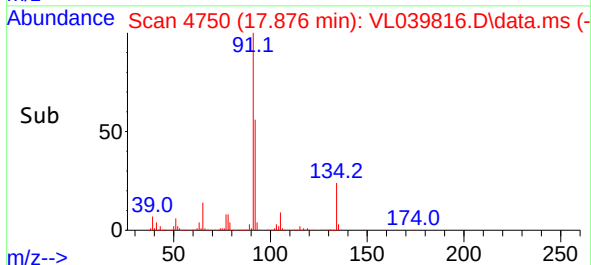
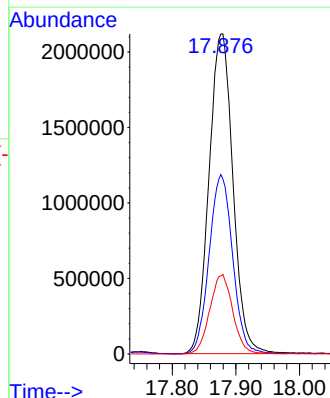
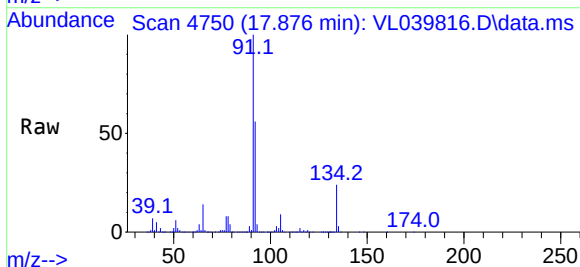
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

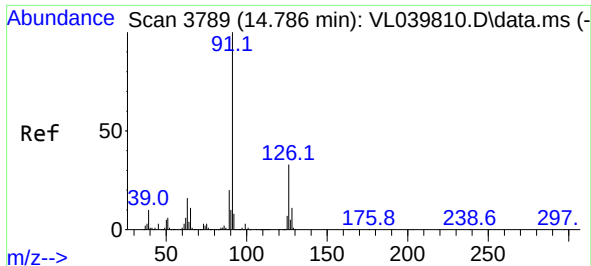
Tgt Ion:119 Resp: 5541121
Ion Ratio Lower Upper
119 100
134 26.6 21.0 31.6
91 28.9 22.8 34.2



#70
n-Butylbenzene
Concen: 13.907 ppbv
RT: 17.876 min Scan# 4750
Delta R.T. 0.003 min
Lab File: VL039816.D
Acq: 2 Nov 2022 14:35

Tgt Ion: 91 Resp: 5545067
Ion Ratio Lower Upper
91 100
92 55.2 44.1 66.1
134 23.9 19.0 28.6

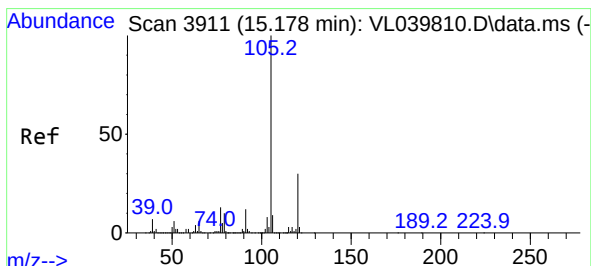
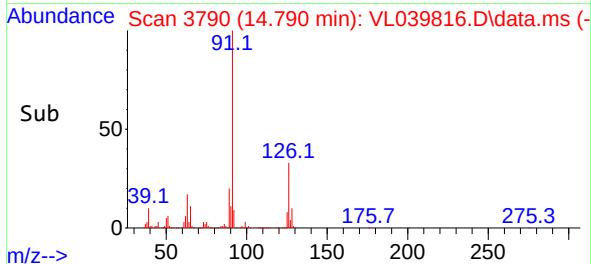
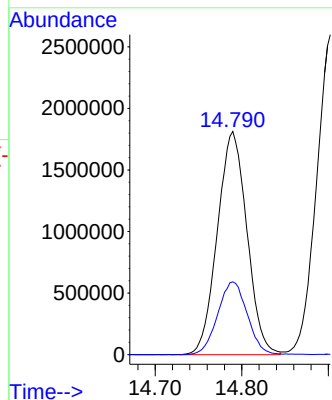
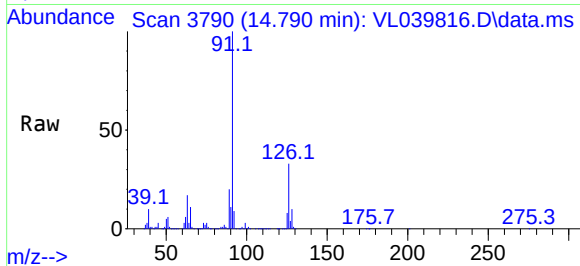




#71
2-Chlorotoluene
Concen: 13.734 ppbv
RT: 14.790 min Scan# 311
Delta R.T. 0.003 min
Lab File: VL039816.D
Acq: 2 Nov 2022 14:35

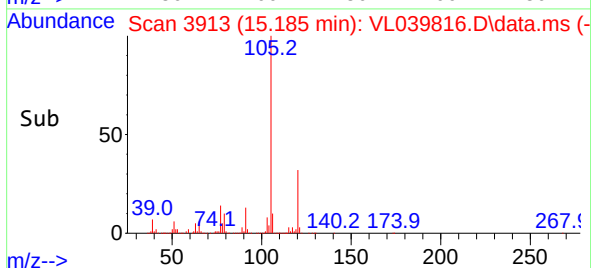
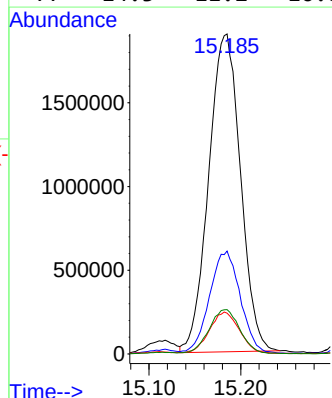
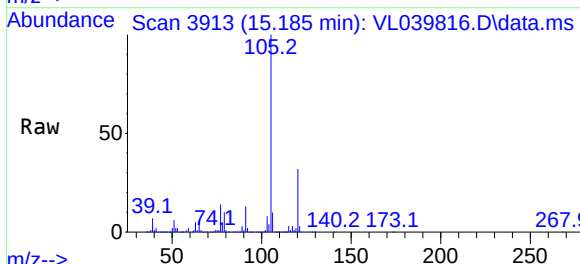
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ClientSampleId :
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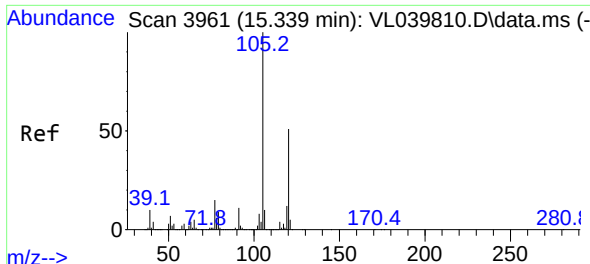
Tgt Ion: 91 Resp: 4292907
Ion Ratio Lower Upper
91 100
126 32.8 12.9 51.5



#72
4-Ethyltoluene
Concen: 14.241 ppbv
RT: 15.185 min Scan# 3913
Delta R.T. 0.007 min
Lab File: VL039816.D
Acq: 2 Nov 2022 14:35

Tgt Ion:105 Resp: 4573232
Ion Ratio Lower Upper
105 100
120 31.6 26.0 39.0
91 12.5 10.5 15.7
77 14.3 11.2 16.8

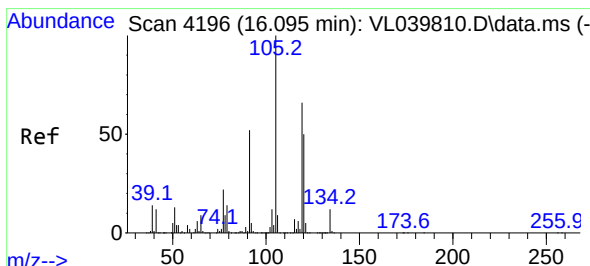
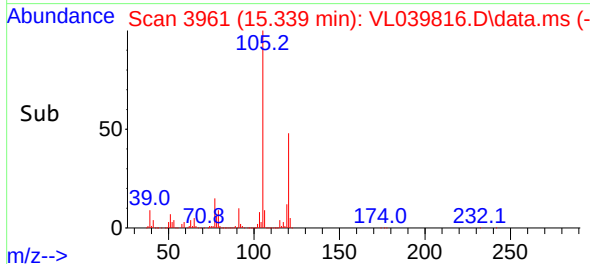
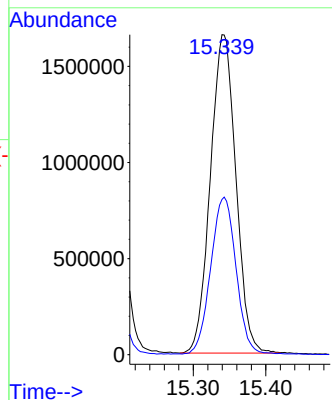
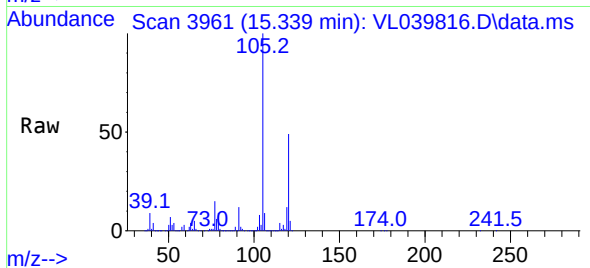




#73
1,3,5-Trimethylbenzene
Concen: 14.230 ppbv
RT: 15.339 min Scan# 3961
Delta R.T. 0.000 min
Lab File: VL039816.D
Acq: 2 Nov 2022 14:35

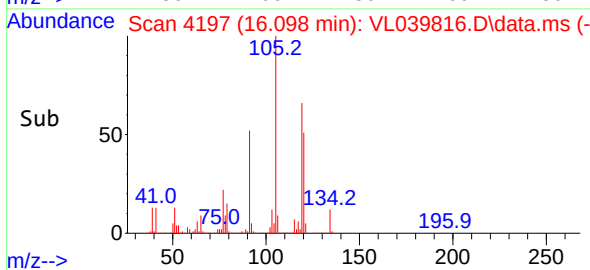
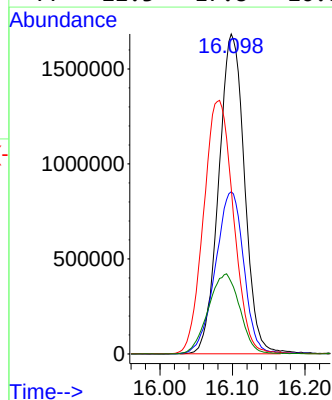
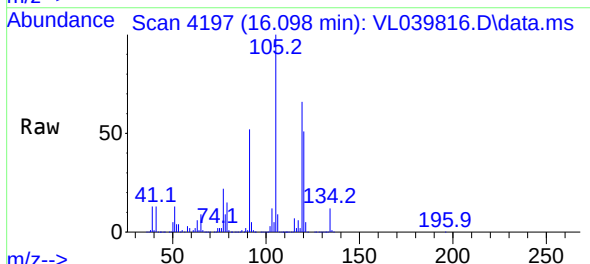
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC015

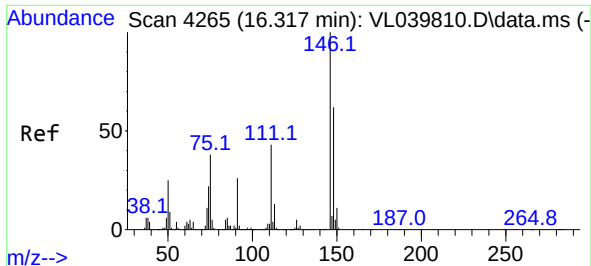
Tgt Ion:105 Resp: 4050871
Ion Ratio Lower Upper
105 100
120 48.5 41.0 61.4



#74
1,2,4-Trimethylbenzene
Concen: 13.696 ppbv
RT: 16.098 min Scan# 4197
Delta R.T. 0.003 min
Lab File: VL039816.D
Acq: 2 Nov 2022 14:35

Tgt Ion:105 Resp: 4142558
Ion Ratio Lower Upper
105 100
120 50.5 40.2 60.4
91 51.3 42.6 64.0
77 22.3 17.8 26.8

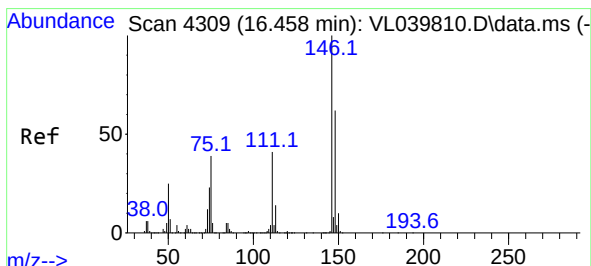
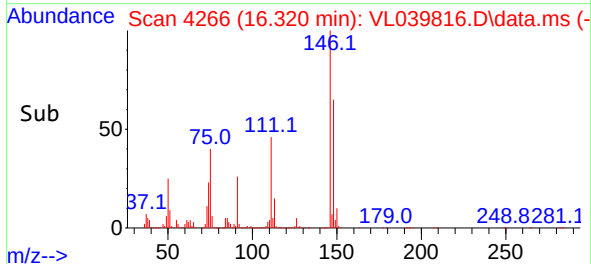
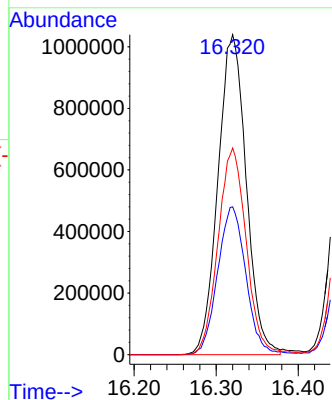
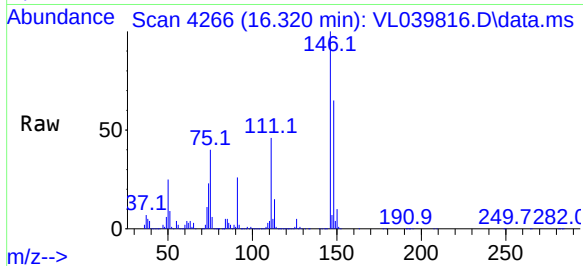




#75
1,3-Dichlorobenzene
Concen: 14.107 ppbv
RT: 16.320 min Scan# 4310
Delta R.T. 0.003 min
Lab File: VL039816.D
Acq: 2 Nov 2022 14:35

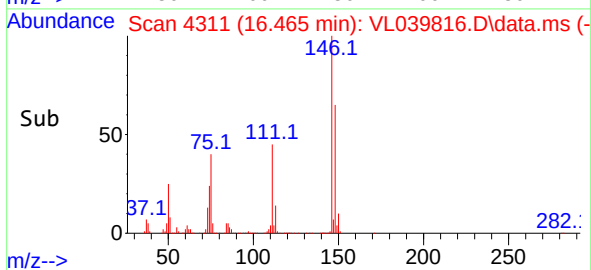
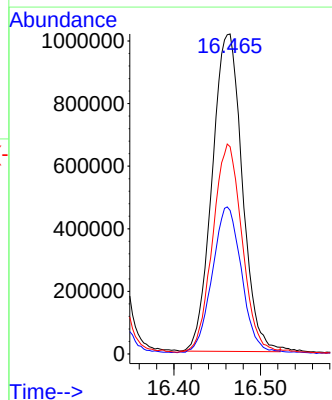
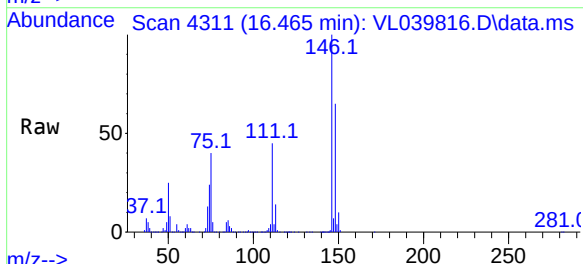
Instrument :
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ClientSampleId :
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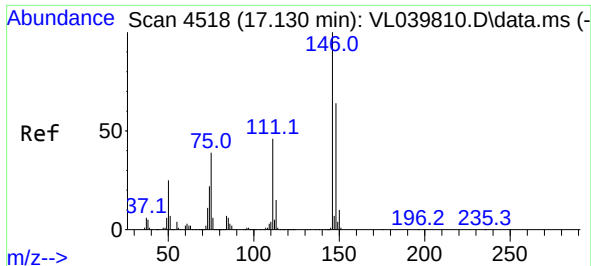
Tgt Ion:146 Resp: 2491269
Ion Ratio Lower Upper
146 100
111 46.3 22.9 68.8
148 64.6 32.3 96.9



#76
1,4-Dichlorobenzene
Concen: 14.102 ppbv
RT: 16.465 min Scan# 4311
Delta R.T. 0.007 min
Lab File: VL039816.D
Acq: 2 Nov 2022 14:35

Tgt Ion:146 Resp: 2443836
Ion Ratio Lower Upper
146 100
111 46.2 22.7 68.1
148 66.2 33.1 99.3

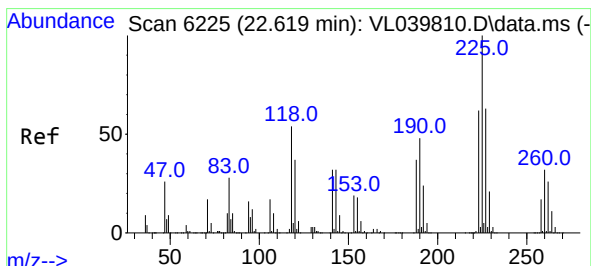
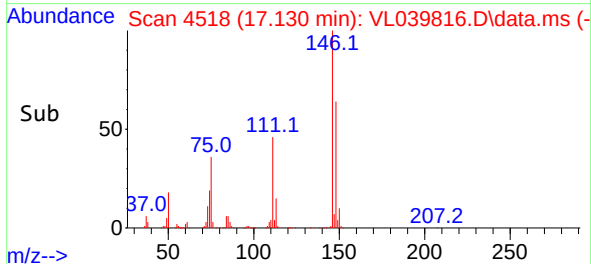
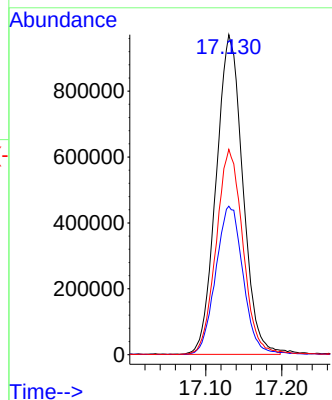
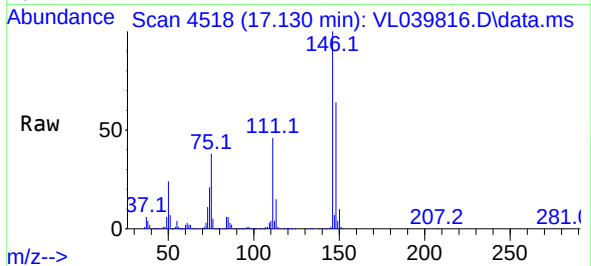




#77
1,2-Dichlorobenzene
Concen: 14.176 ppbv
RT: 17.130 min Scan# 4518
Delta R.T. 0.000 min
Lab File: VL039816.D
Acq: 2 Nov 2022 14:35

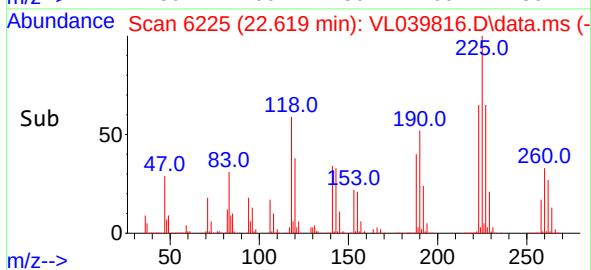
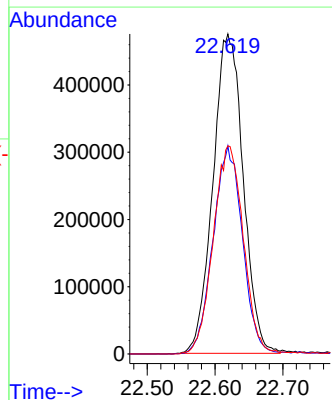
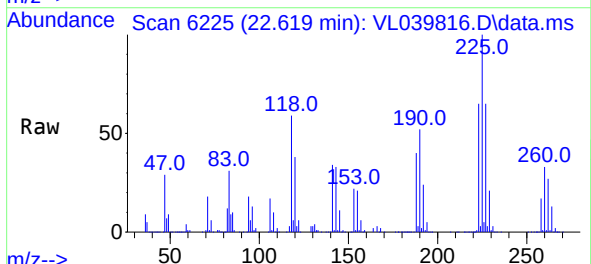
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ClientSampleId :
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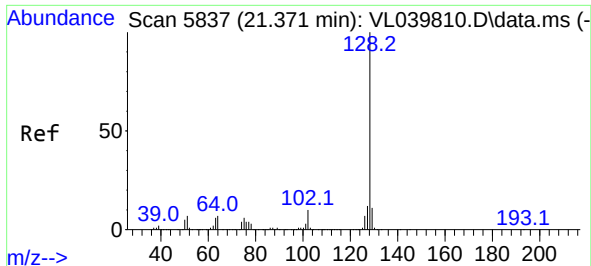
Tgt Ion:146 Resp: 2360003
Ion Ratio Lower Upper
146 100
111 48.0 23.9 71.8
148 64.8 32.4 97.2



#78
Hexachloro-1,3-Butadiene
Concen: 11.923 ppbv
RT: 22.619 min Scan# 6225
Delta R.T. 0.000 min
Lab File: VL039816.D
Acq: 2 Nov 2022 14:35

Tgt Ion:225 Resp: 1470727
Ion Ratio Lower Upper
225 100
223 63.8 50.6 75.8
227 65.3 51.6 77.4

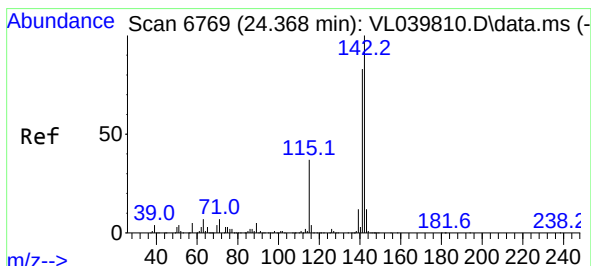
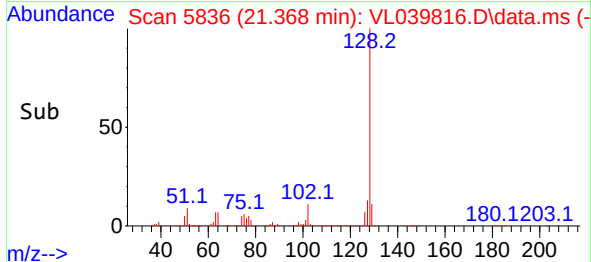
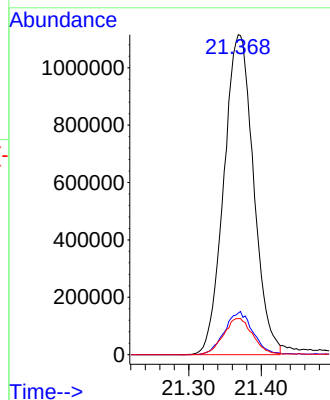
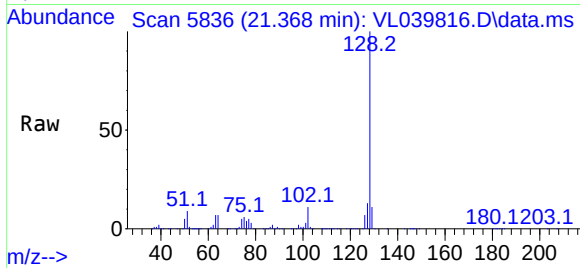




#79
Naphthalene
Concen: 14.389 ppbv
RT: 21.368 min Scan# 5836
Delta R.T. -0.003 min
Lab File: VL039816.D
Acq: 2 Nov 2022 14:35

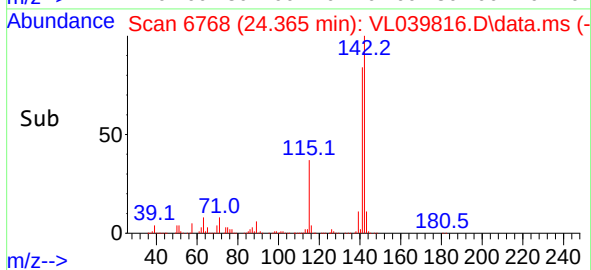
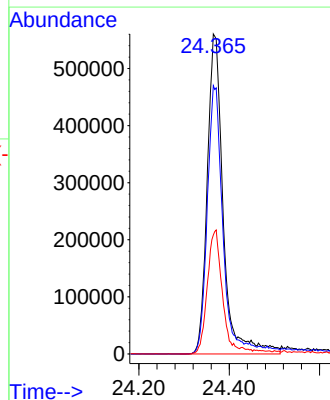
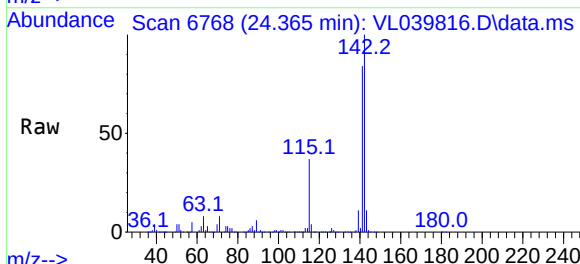
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC015

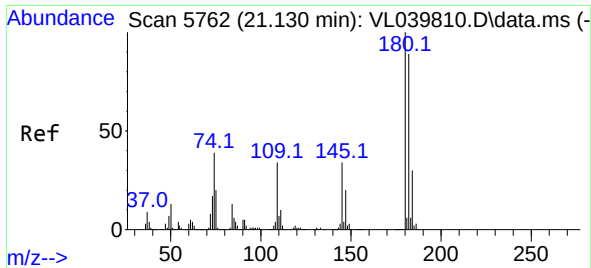
Tgt Ion:128 Resp: 3164072
Ion Ratio Lower Upper
128 100
127 13.0 9.8 14.6
129 11.3 8.6 13.0



#80
Naphthalene,2-methyl-
Concen: 14.734 ppbv
RT: 24.365 min Scan# 6768
Delta R.T. -0.003 min
Lab File: VL039816.D
Acq: 2 Nov 2022 14:35

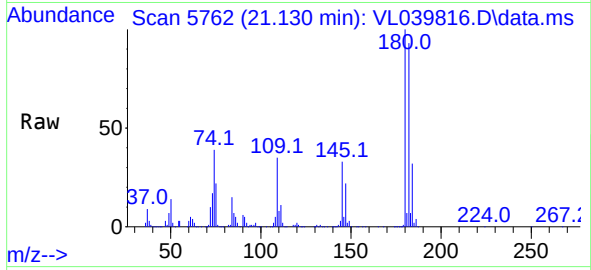
Tgt Ion:142 Resp: 1373626
Ion Ratio Lower Upper
142 100
141 83.6 65.1 97.7
115 38.0 29.1 43.7





#81
1,2,4-Trichlorobenzene
Concen: 13.481 ppbv
RT: 21.130 min Scan# 51
Delta R.T. 0.000 min
Lab File: VL039816.D
Acq: 2 Nov 2022 14:35

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015



Tgt Ion:180 Resp: 1658234
Ion Ratio Lower Upper
180 100
182 97.4 78.1 117.1
184 31.3 24.5 36.7

