

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL110322\
 Data File : VL039819.D
 Acq On : 3 Nov 2022 10:19
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Quant Time: Nov 04 08:42:31 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 : Thu Nov 03 09:27:12 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.182	49	1083929	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.639	114	3073138	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.442	117	3556095	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.754	95	2232829	8.389	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	83.900%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.739	85	1713846	9.365	ppbv	99
3) Chlorodifluoromethane	2.684	51	1152636	8.920	ppbv	99
4) Chloromethane	2.822	50	715165	8.889	ppbv	99
5) Vinyl Chloride	2.928	62	599920	9.210	ppbv	98
6) Bromomethane	3.128	94	206708	8.896	ppbv	99
7) Chloroethane	3.202	64	214739	8.797	ppbv	99
8) Dichlorotetrafluoroethane	2.864	85	1370605	8.788	ppbv	100
9) Propene	2.703	41	550852	8.182	ppbv	94
10) Heptane	7.562	43	1421755	8.815	ppbv	99
11) Trichlorofluoromethane	3.565	101	1334831	8.944	ppbv	99
12) 1,1,2-Trichlorotrifluo...	4.067	101	990438	9.189	ppbv	99
13) Ethanol	3.247	45	24353	5.118	ppbv	73
14) Bromoethene	3.369	108	441771	9.153	ppbv	100
15) Acetone	3.472	43	992969	7.526	ppbv	99
16) 1,3-Butadiene	2.993	39	582884	9.500	ppbv	93
17) tert-Butyl alcohol	3.877	59	1118017	8.898	ppbv	99
18) 1,1-Dichloroethene	3.883	96	461168	9.331	ppbv	97
19) Isopropyl Alcohol	3.578	45	545305	8.350	ppbv	95
20) Methylene Chloride	3.932	84	371485	7.870	ppbv	94
21) Allyl Chloride	3.996	41	767895	9.202	ppbv	98
22) trans-1,2-Dichloroethene	4.443	96	466403	9.298	ppbv	94
23) Vinyl Acetate	4.623	43	452230	8.604	ppbv #	97
24) 1,1-Dichloroethane	4.562	63	984605	9.171	ppbv	98
25) Ethyl Acetate	5.195	43	2427645	8.933	ppbv	99
26) Hexane	5.205	57	1051794	8.680	ppbv	98
27) Carbon Disulfide	4.124	76	1265960	9.949	ppbv	100
28) Methyl tert-Butyl Ether	4.581	73	1000619	9.123	ppbv	99
29) Chloroform	5.266	83	1554974	9.126	ppbv	98
30) Cyclohexane	6.587	84	904665	8.928	ppbv	98
31) cis-1,2-Dichloroethene	5.070	61	951475	8.612	ppbv	95
32) 1,1,1-Trichloroethane	5.992	97	1590987	9.380	ppbv	100
34) 2-Butanone	4.780	43	1151173	9.080	ppbv	99
35) Carbon Tetrachloride	6.478	117	1666382	9.303	ppbv	99
36) Benzene	6.356	78	2295733	8.856	ppbv	99
37) 1,2-Dichloroethane	5.793	62	1160268	9.329	ppbv	99
38) Trichloroethene	7.272	130	1228252	8.852	ppbv	97
39) 1,2-Dichloropropane	7.057	63	880264	8.715	ppbv	98
40) 1,4-Dioxane	7.269	88	340600	8.806	ppbv	91
41) Tetrahydrofuran	5.549	42	933194	8.807	ppbv	99
42) Bromodichloromethane	7.230	83	1779693	8.959	ppbv	97
43) Methyl Methacrylate	7.459	69	921128	8.991	ppbv	100
44) 2,2,4-Trimethylpentane	7.311	57	3745140	8.559	ppbv	100
45) t-1,3-Dichloropropene	8.690	75	933582	9.513	ppbv	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.124	75	1247830	9.315	ppbv	98
47) 1,1,2-Trichloroethane	8.880	97	897270	8.773	ppbv	97
48) Dibromochloromethane	9.690	129	1556601	8.932	ppbv	98
49) Bromoform	12.385	173	1196120	8.539	ppbv	99
50) 4-Methyl-2-Pentanone	8.163	43	2345588	9.037	ppbv	100
51) 2-Hexanone	9.533	43	1841316	9.098	ppbv #	98
52) Tetrachloroethene	10.590	164	798552	8.222	ppbv	99
53) Toluene	9.201	91	2573015	8.652	ppbv	100
54) 1,2-Dibromoethane	9.986	107	1063923	9.373	ppbv	99
56) 1,1,1,2-Tetrachloroethane	11.487	131	1055460	6.942	ppbv	100
57) Chlorobenzene	11.507	112	1893965	7.021	ppbv	98
58) Ethyl Benzene	12.066	91	3366004	7.001	ppbv	99
59) m/p-Xylene	12.352	91	2903862	7.235	ppbv #	38
60) o-Xylene	13.037	91	2592956	6.819	ppbv	100
61) Styrene	12.873	104	1678007	7.171	ppbv	99
62) Isopropylbenzene	14.008	105	3751017	6.762	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.021	83	896219	6.329	ppbv	100
64) n-propylbenzene	14.896	120	1003328	6.762	ppbv	97
65) tert-Butylbenzene	16.069	119	3156025	6.480	ppbv	99
66) Benzyl Chloride	16.304	91	340898	6.020	ppbv	100
67) sec-Butylbenzene	16.616	105	4371913	6.594	ppbv	99
69) p-Isopropyltoluene	16.976	119	3591112	6.530	ppbv	99
70) n-Butylbenzene	17.863	91	3538674	6.656	ppbv	99
71) 2-Chlorotoluene	14.777	91	2783288	6.678	ppbv	99
72) 4-Ethyltoluene	15.172	105	2914751	6.807	ppbv	99
73) 1,3,5-Trimethylbenzene	15.330	105	2593790	6.833	ppbv	97
74) 1,2,4-Trimethylbenzene	16.085	105	2670213	6.621	ppbv	98
75) 1,3-Dichlorobenzene	16.310	146	1557297	6.613	ppbv	99
76) 1,4-Dichlorobenzene	16.449	146	1525561	6.602	ppbv	99
77) 1,2-Dichlorobenzene	17.121	146	1482740	6.680	ppbv	99
78) Hexachloro-1,3-Butadiene	22.609	225	1018242	6.191	ppbv	98
79) Naphthalene	21.358	128	2299072	7.841	ppbv	99
80) Naphthalene,2-methyl-	24.362	142	813849	6.547	ppbv	100
81) 1,2,4-Trichlorobenzene	21.117	180	1177199	7.178	ppbv	100

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

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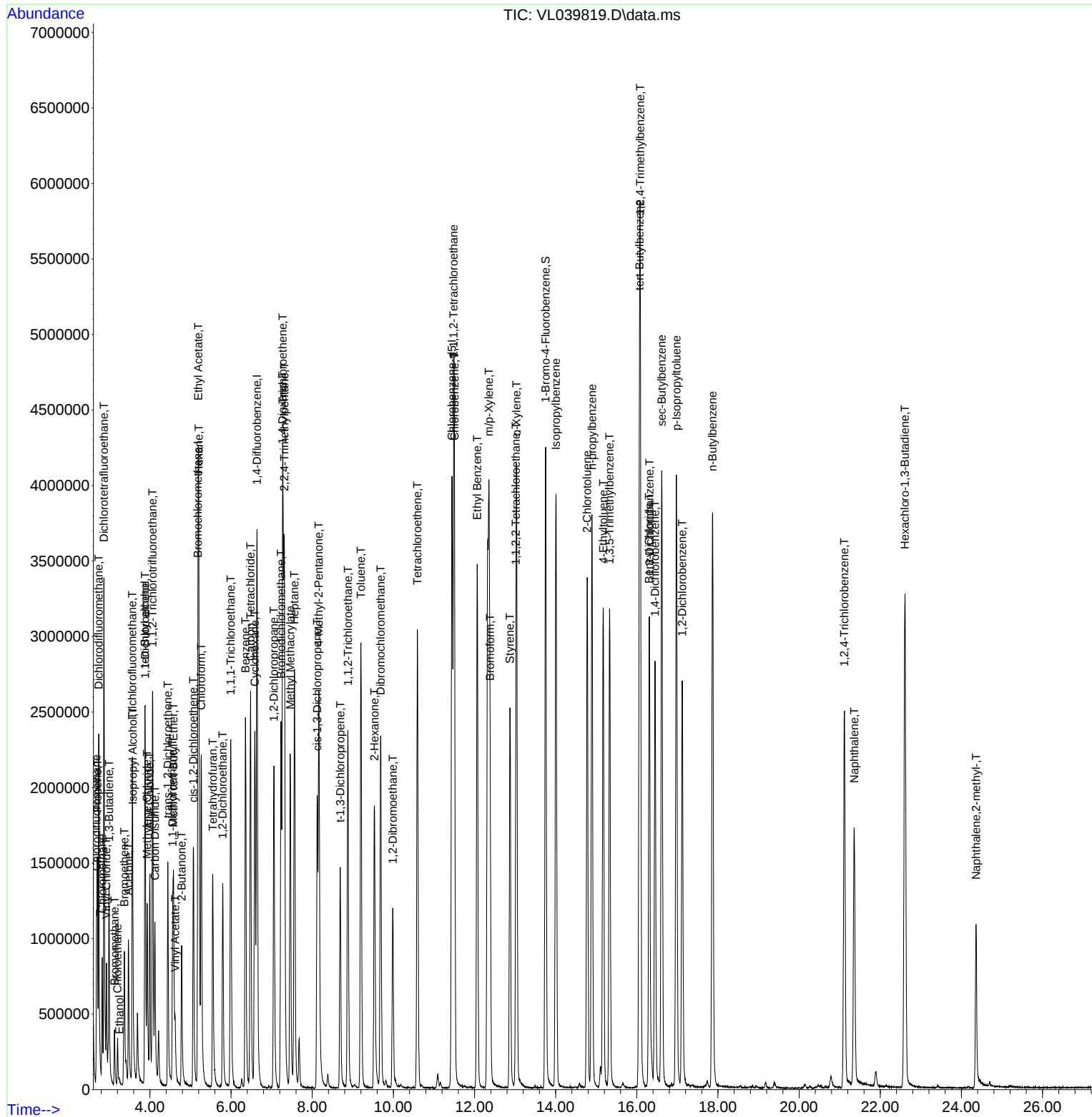
Quant Time: Nov 04 08:42:31 2022

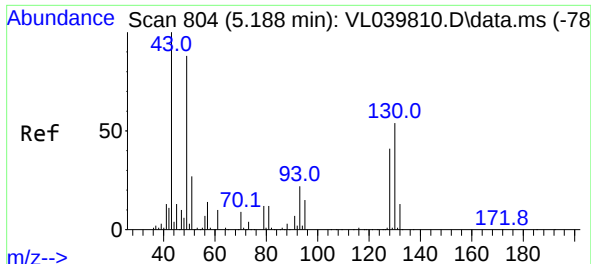
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL110222AIR.M

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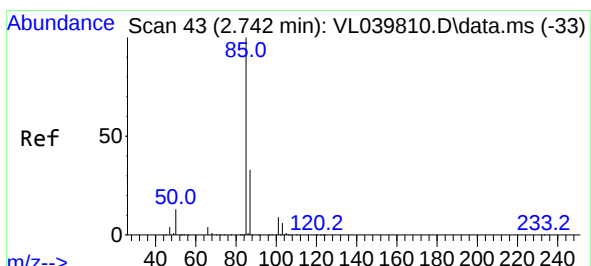
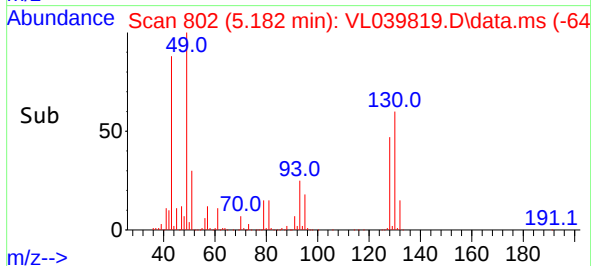
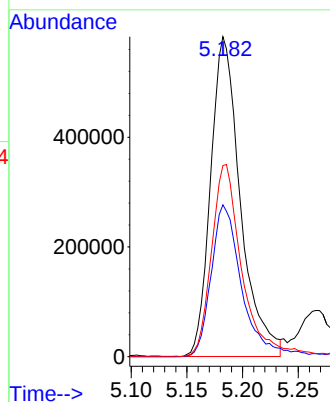
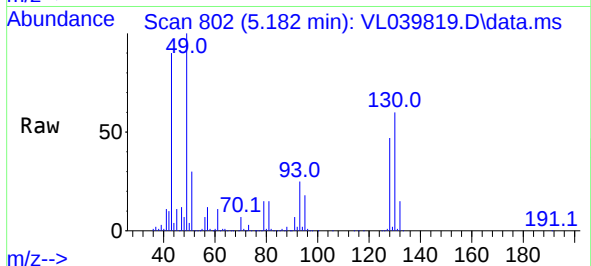




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.182 min Scan# 80
Delta R.T. -0.006 min
Lab File: VL039819.D
Acq: 3 Nov 2022 10:19

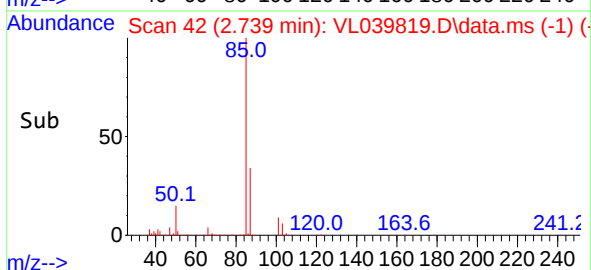
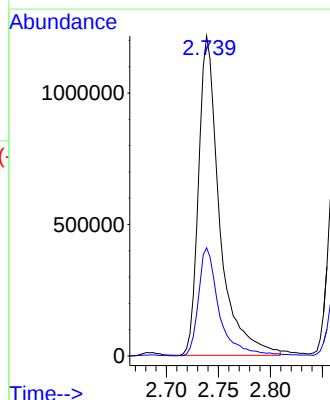
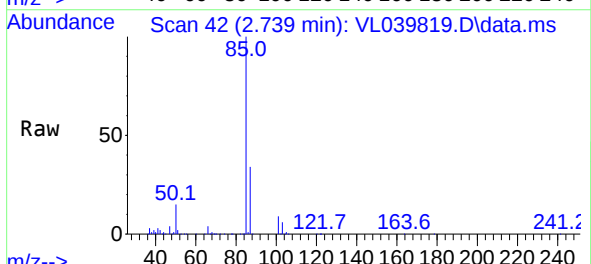
Instrument :
MSVOA_1
ClientSampleId :
VSTDCCC010

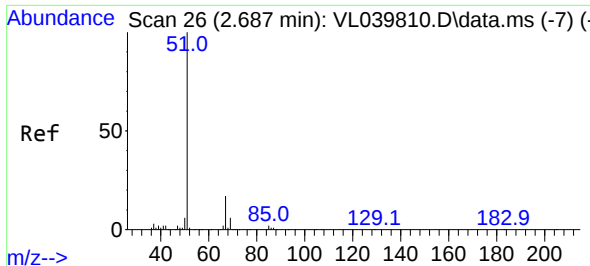
Tgt Ion: 49 Resp: 1083929
Ion Ratio Lower Upper
49 100
128 50.4 24.6 73.6
130 63.3 31.1 93.2



#2
Dichlorodifluoromethane
Concen: 9.365 ppbv
RT: 2.739 min Scan# 42
Delta R.T. -0.003 min
Lab File: VL039819.D
Acq: 3 Nov 2022 10:19

Tgt Ion: 85 Resp: 1713846
Ion Ratio Lower Upper
85 100
87 33.8 26.4 39.6

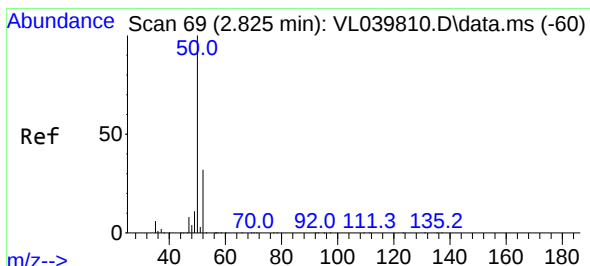
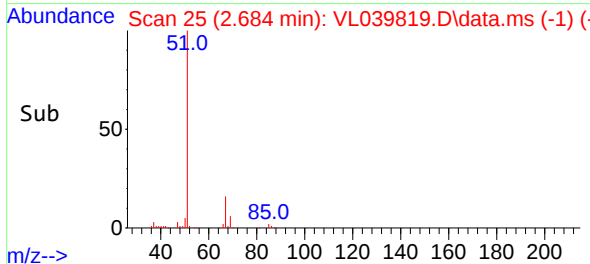
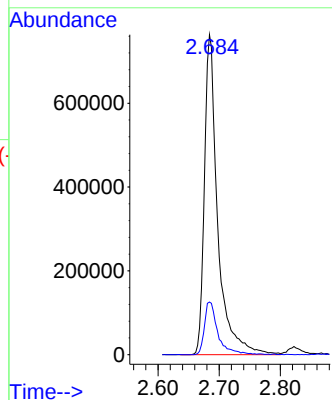
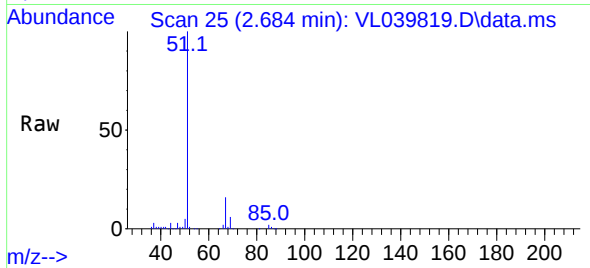




#3
Chlorodifluoromethane
Concen: 8.920 ppbv
RT: 2.684 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL039819.D
Acq: 3 Nov 2022 10:19

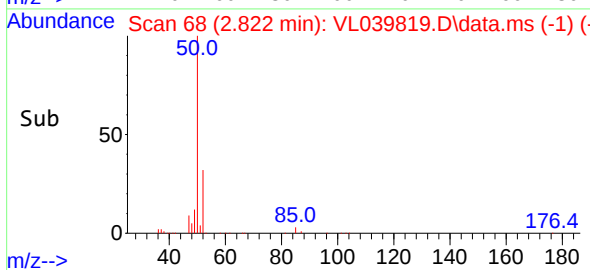
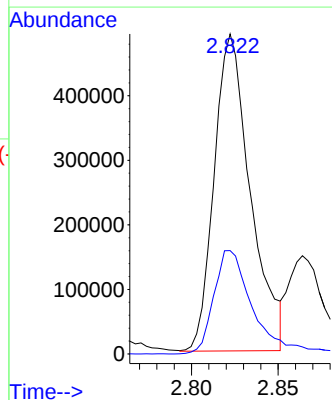
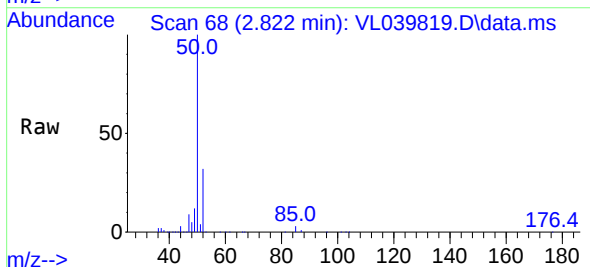
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

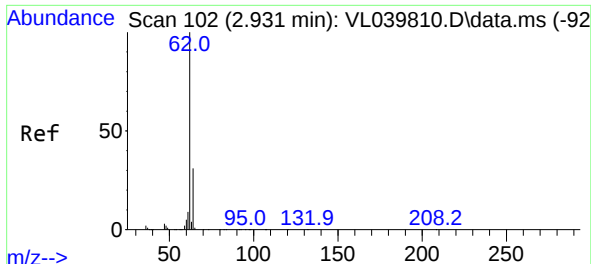
Tgt Ion: 51 Resp: 1152636
Ion Ratio Lower Upper
51 100
67 17.0 13.2 19.8



#4
Chloromethane
Concen: 8.889 ppbv
RT: 2.822 min Scan# 68
Delta R.T. -0.003 min
Lab File: VL039819.D
Acq: 3 Nov 2022 10:19

Tgt Ion: 50 Resp: 715165
Ion Ratio Lower Upper
50 100
52 32.6 25.5 38.3

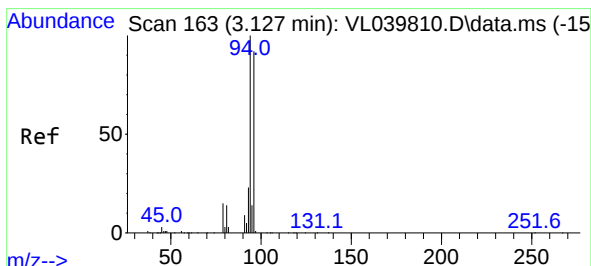
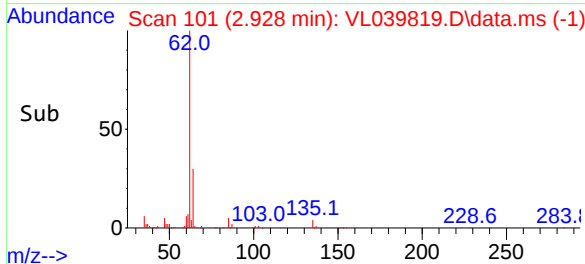
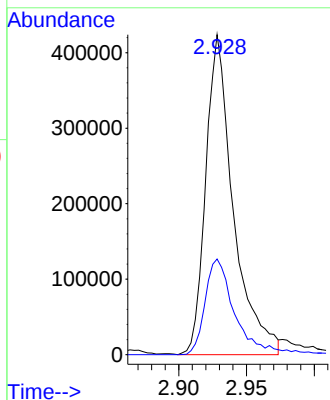
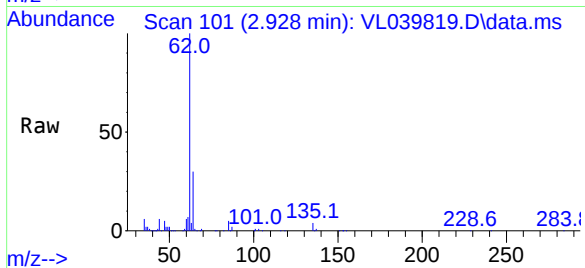




#5
 Vinyl Chloride
 Concen: 9.210 ppbv
 RT: 2.928 min Scan# 102
 Delta R.T. -0.003 min
 Lab File: VL039819.D
 Acq: 3 Nov 2022 10:19

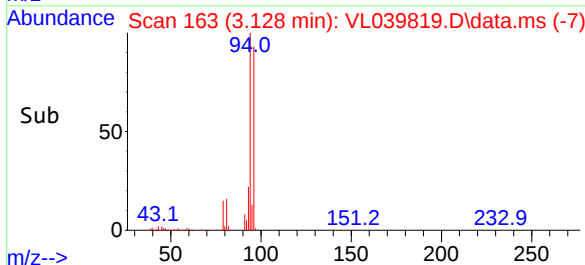
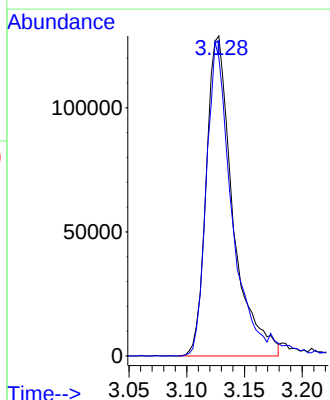
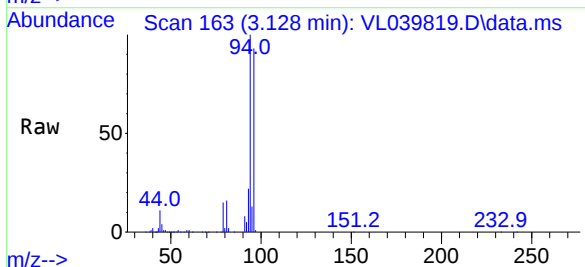
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

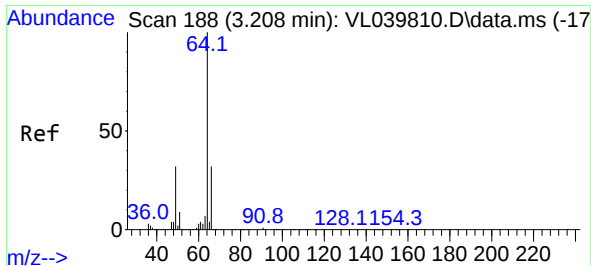
Tgt Ion: 62 Resp: 599920
 Ion Ratio Lower Upper
 62 100
 64 29.9 25.0 37.4



#6
 Bromomethane
 Concen: 8.896 ppbv
 RT: 3.128 min Scan# 163
 Delta R.T. 0.000 min
 Lab File: VL039819.D
 Acq: 3 Nov 2022 10:19

Tgt Ion: 94 Resp: 206708
 Ion Ratio Lower Upper
 94 100
 96 93.3 73.5 110.3

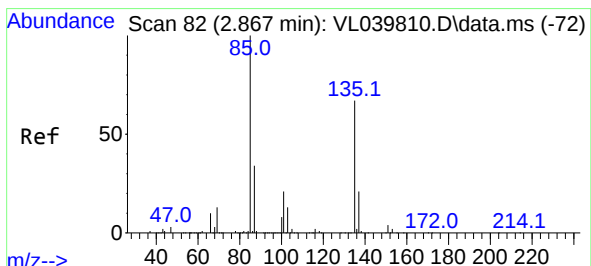
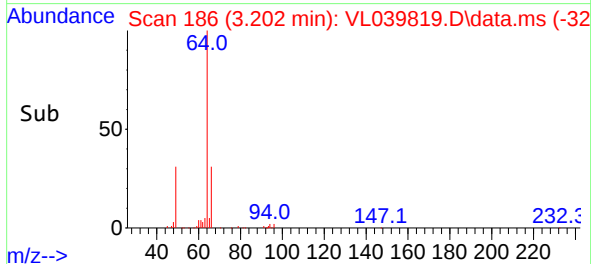
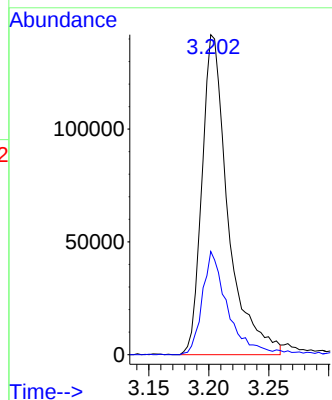
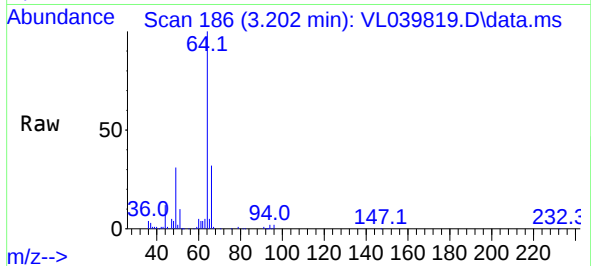




#7
Chloroethane
Concen: 8.797 ppbv
RT: 3.202 min Scan# 11
Delta R.T. -0.006 min
Lab File: VL039819.D
Acq: 3 Nov 2022 10:19

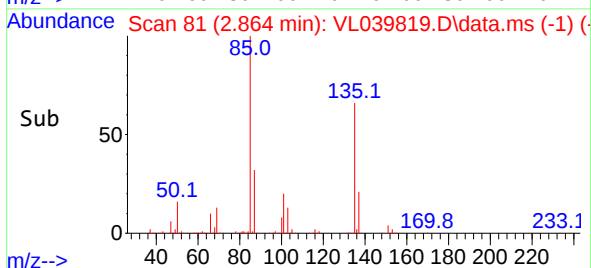
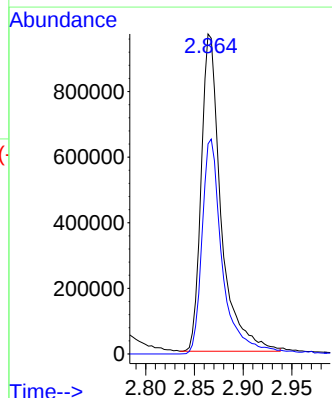
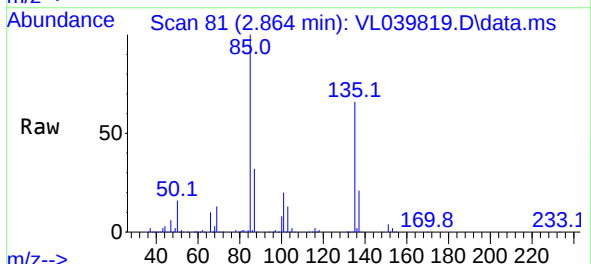
Instrument :
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Tgt Ion: 64 Resp: 214739
Ion Ratio Lower Upper
64 100
66 32.2 25.5 38.3

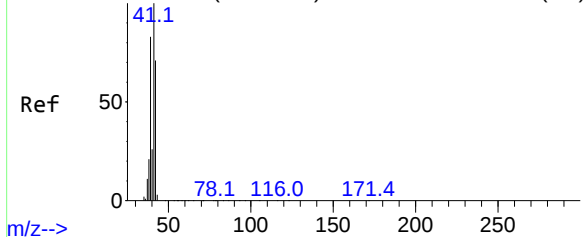


#8
Dichlorotetrafluoroethane
Concen: 8.788 ppbv
RT: 2.864 min Scan# 81
Delta R.T. -0.003 min
Lab File: VL039819.D
Acq: 3 Nov 2022 10:19

Tgt Ion: 85 Resp: 1370605
Ion Ratio Lower Upper
85 100
135 70.7 56.7 85.1



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



#9

Propene

Concen: 8.182 ppbv

RT: 2.703 min Scan# 31

Delta R.T. -0.003 min

Lab File: VL039819.D

Acq: 3 Nov 2022 10:19

Instrument :

MSVOA_L

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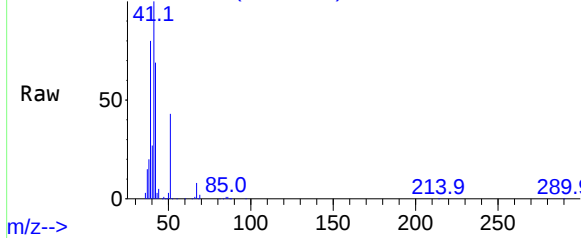
Tgt Ion: 41 Resp: 550852

Ion Ratio Lower Upper

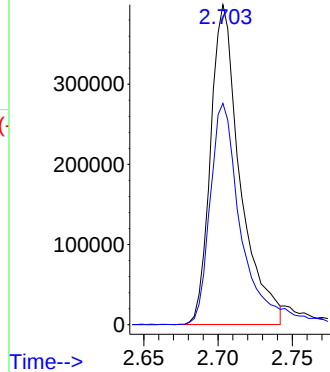
41 100

42 75.2 56.3 84.5

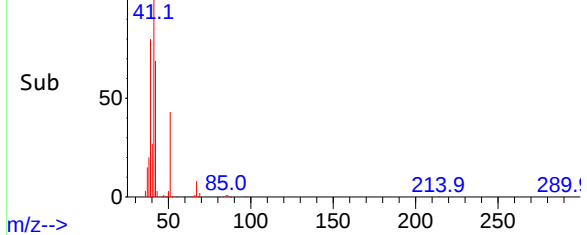
Abundance Scan 31 (2.703 min): VL039819.D\data.ms



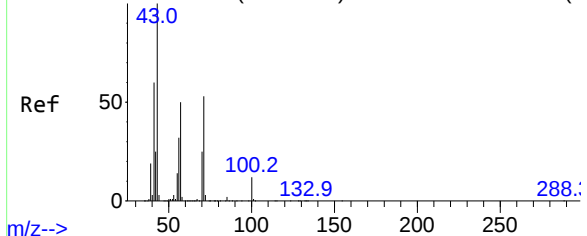
Abundance



Abundance Scan 31 (2.703 min): VL039819.D\data.ms (-1)



Abundance Scan 1544 (7.568 min): VL039810.D\data.ms (-1)



#10

Heptane

Concen: 8.815 ppbv

RT: 7.562 min Scan# 1542

Delta R.T. -0.006 min

Lab File: VL039819.D

Acq: 3 Nov 2022 10:19

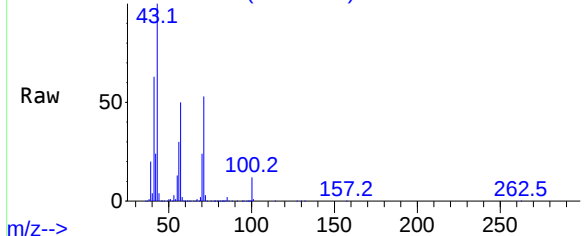
Tgt Ion: 43 Resp: 1421755

Ion Ratio Lower Upper

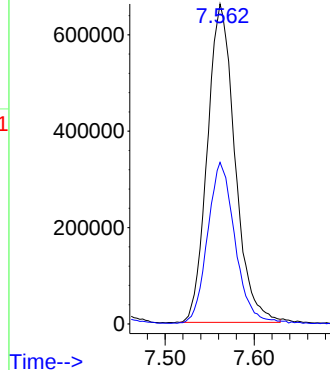
43 100

57 51.0 40.5 60.7

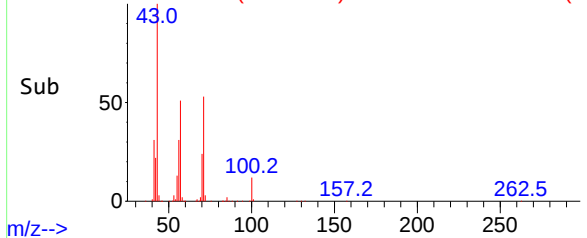
Abundance Scan 1542 (7.562 min): VL039819.D\data.ms

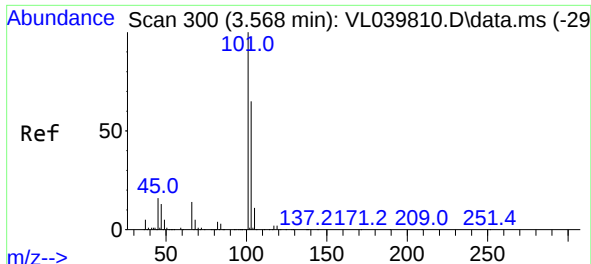


Abundance



Abundance Scan 1542 (7.562 min): VL039819.D\data.ms (-1)

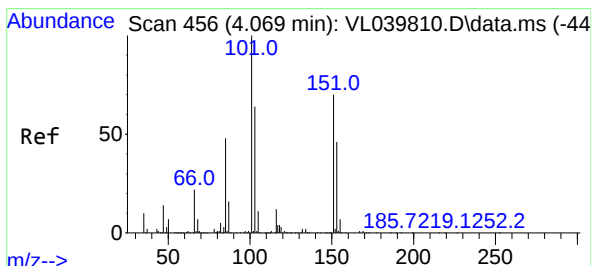
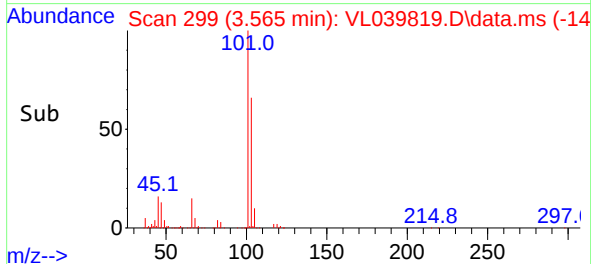
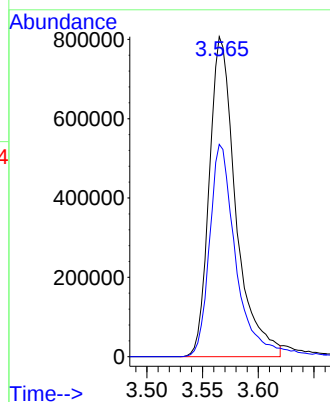
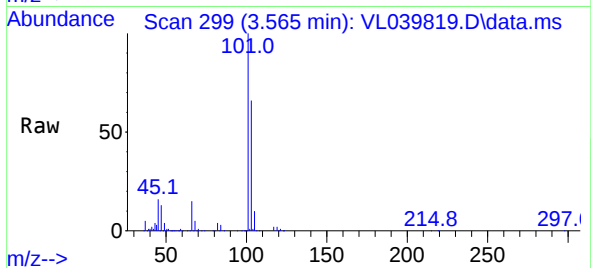




#11
 Trichlorofluoromethane
 Concen: 8.944 ppbv
 RT: 3.565 min Scan# 299
 Delta R.T. -0.003 min
 Lab File: VL039819.D
 Acq: 3 Nov 2022 10:19

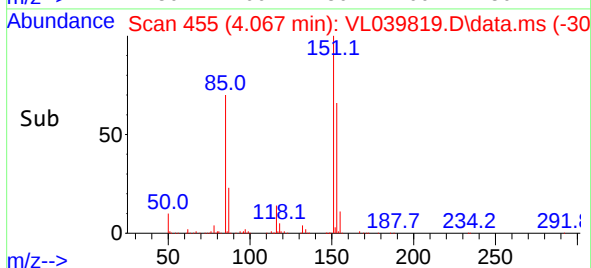
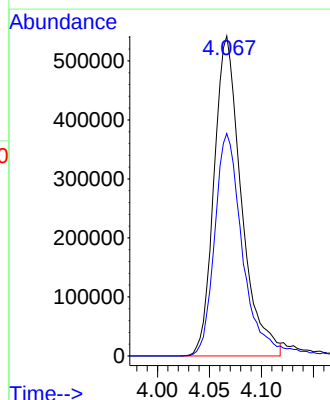
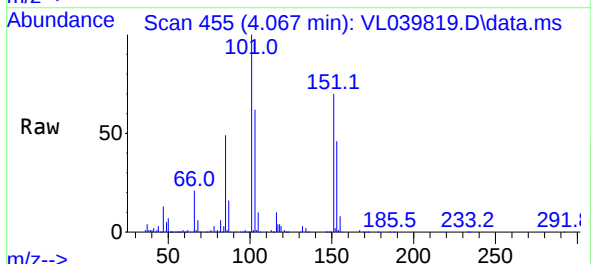
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDCCC010

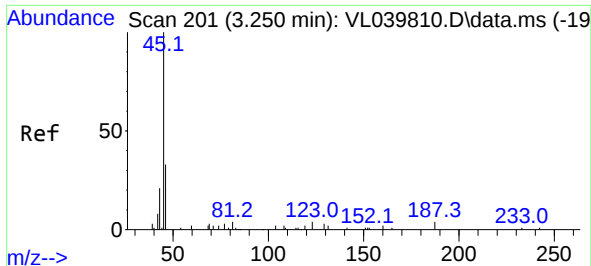
Tgt Ion:101 Resp: 1334831
 Ion Ratio Lower Upper
 101 100
 103 66.4 52.2 78.2



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 9.189 ppbv
 RT: 4.067 min Scan# 455
 Delta R.T. -0.003 min
 Lab File: VL039819.D
 Acq: 3 Nov 2022 10:19

Tgt Ion:101 Resp: 990438
 Ion Ratio Lower Upper
 101 100
 151 72.4 57.2 85.8

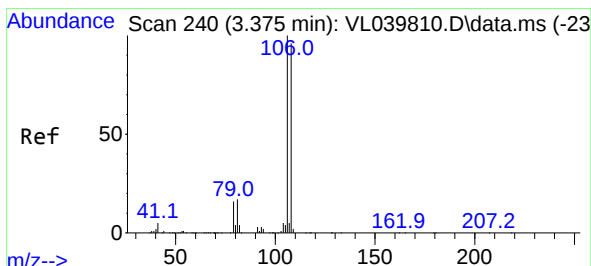
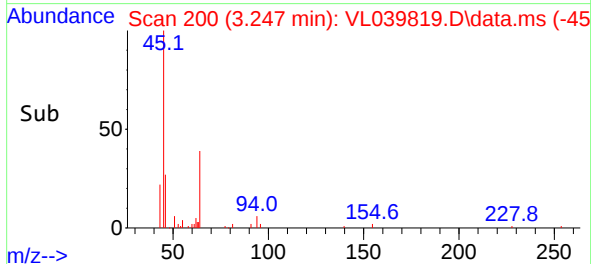
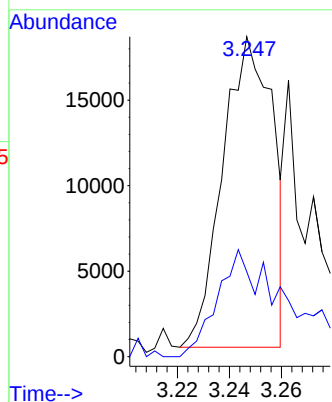
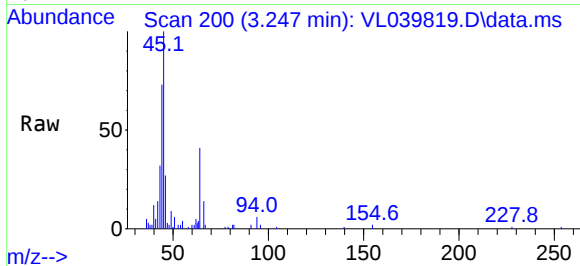




#13
Ethanol
Concen: 5.118 ppbv
RT: 3.247 min Scan# 201
Delta R.T. -0.003 min
Lab File: VL039819.D
Acq: 3 Nov 2022 10:19

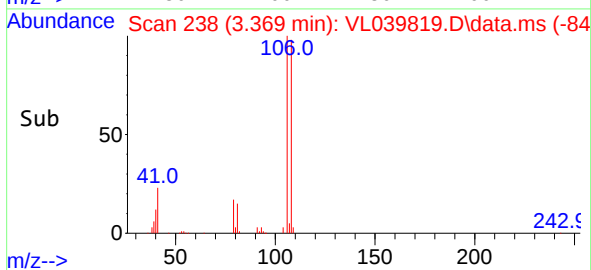
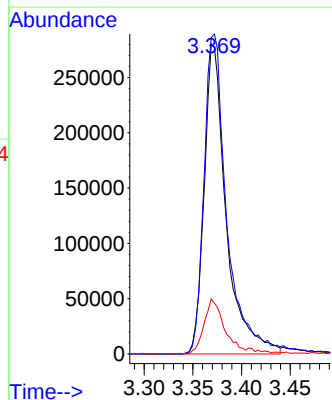
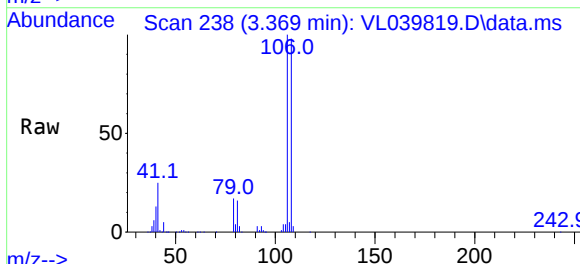
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

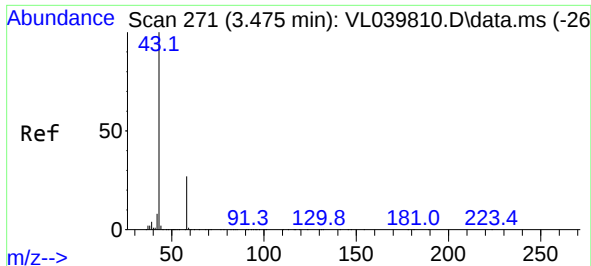
Tgt Ion: 45 Resp: 24353
Ion Ratio Lower Upper
45 100
46 58.3 16.5 65.9



#14
Bromoethene
Concen: 9.153 ppbv
RT: 3.369 min Scan# 238
Delta R.T. -0.006 min
Lab File: VL039819.D
Acq: 3 Nov 2022 10:19

Tgt Ion: 108 Resp: 441771
Ion Ratio Lower Upper
108 100
106 109.4 87.8 131.8
79 18.3 14.5 21.7

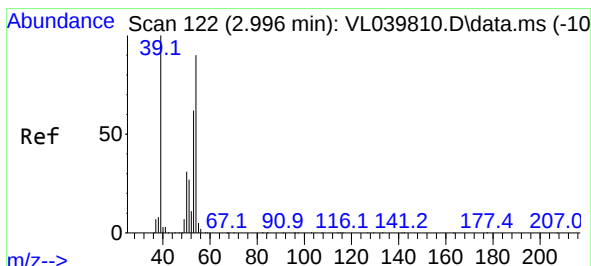
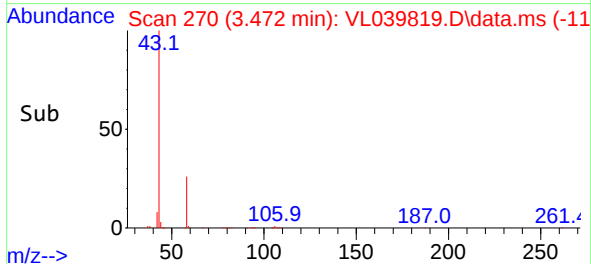
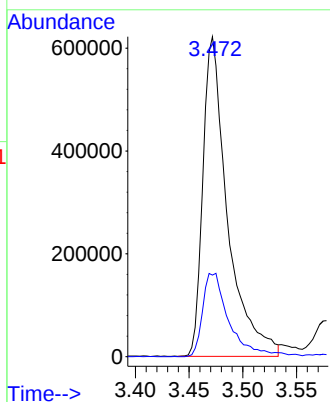
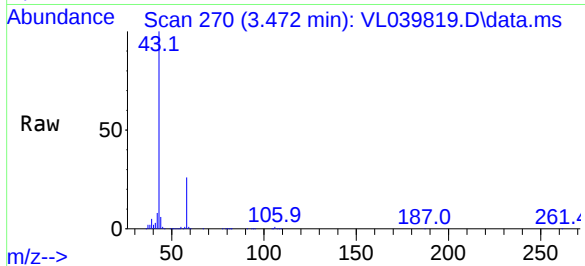




#15
Acetone
Concen: 7.526 ppbv
RT: 3.472 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL039819.D
Acq: 3 Nov 2022 10:19

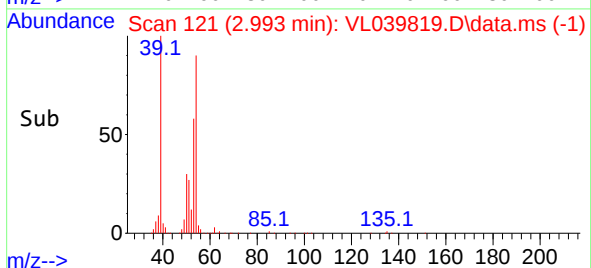
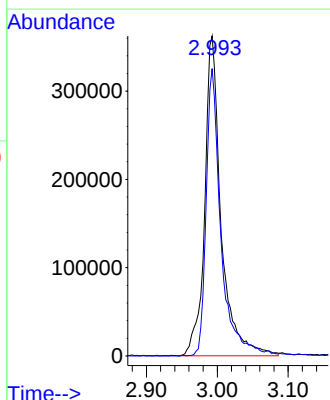
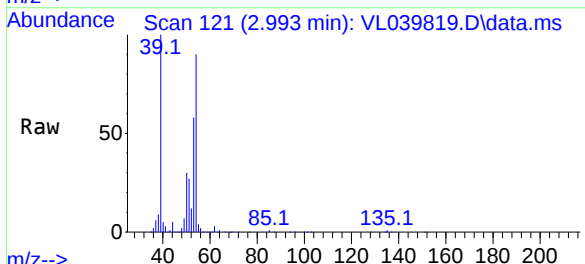
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

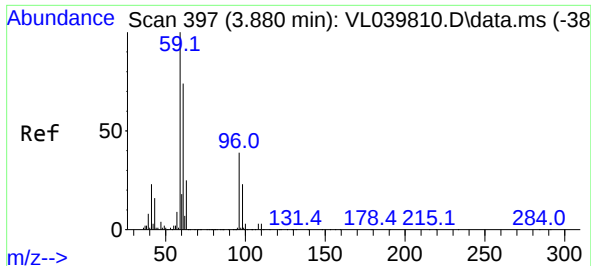
Tgt Ion: 43 Resp: 992969
Ion Ratio Lower Upper
43 100
58 28.2 23.2 34.8



#16
1,3-Butadiene
Concen: 9.500 ppbv
RT: 2.993 min Scan# 121
Delta R.T. -0.003 min
Lab File: VL039819.D
Acq: 3 Nov 2022 10:19

Tgt Ion: 39 Resp: 582884
Ion Ratio Lower Upper
39 100
54 82.1 71.0 106.4

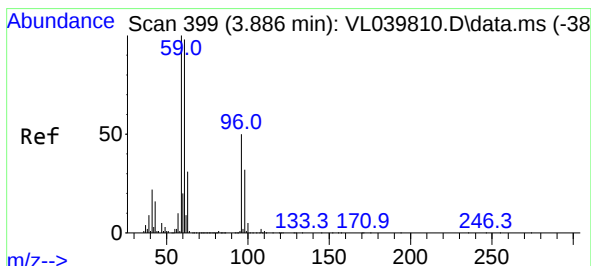
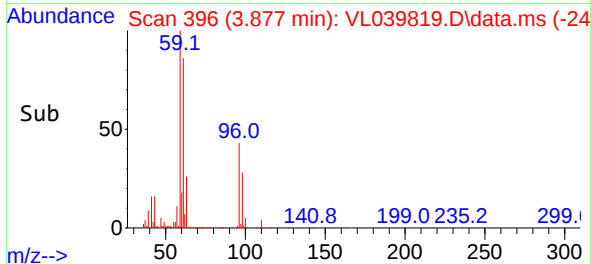
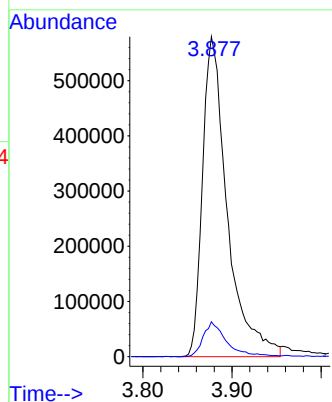
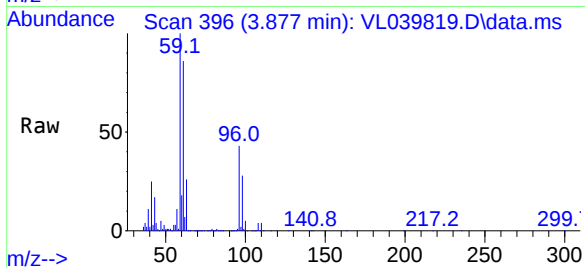




#17
tert-Butyl alcohol
Concen: 8.898 ppbv
RT: 3.877 min Scan# 396
Delta R.T. -0.003 min
Lab File: VL039819.D
Acq: 3 Nov 2022 10:19

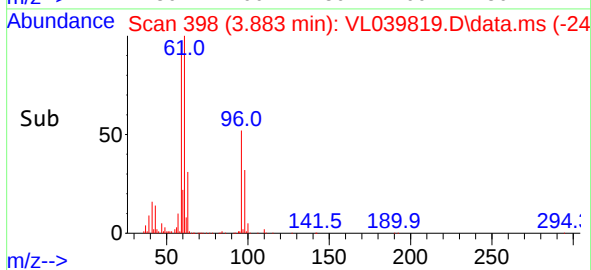
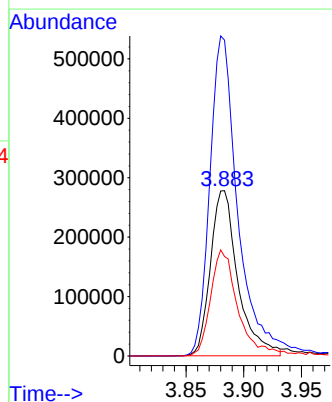
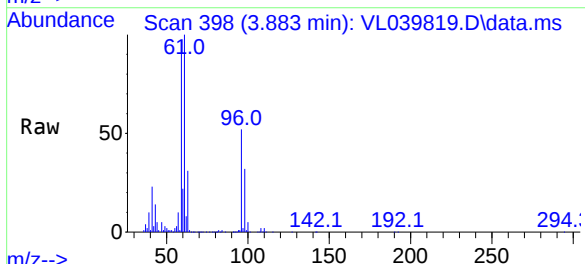
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

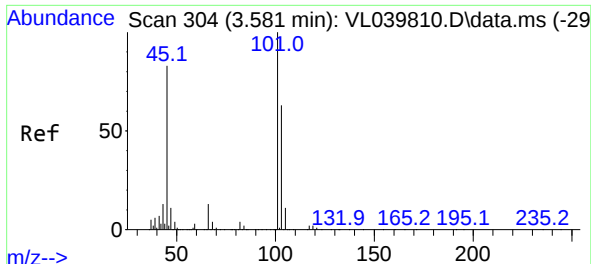
Tgt Ion: 59 Resp: 1118017
Ion Ratio Lower Upper
59 100
57 10.8 9.0 13.6



#18
1,1-Dichloroethene
Concen: 9.331 ppbv
RT: 3.883 min Scan# 398
Delta R.T. -0.003 min
Lab File: VL039819.D
Acq: 3 Nov 2022 10:19

Tgt Ion: 96 Resp: 461168
Ion Ratio Lower Upper
96 100
61 191.1 156.9 235.3
98 60.2 50.6 75.8

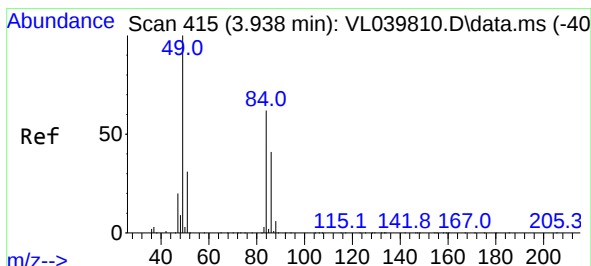
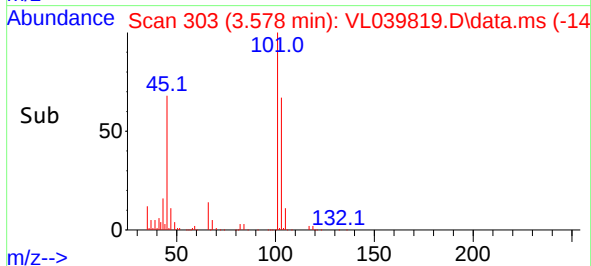
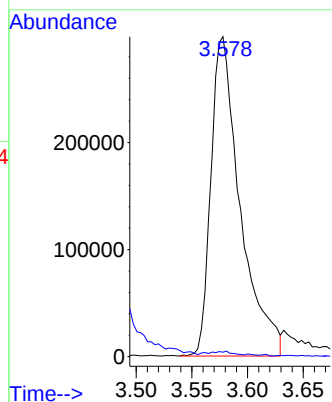
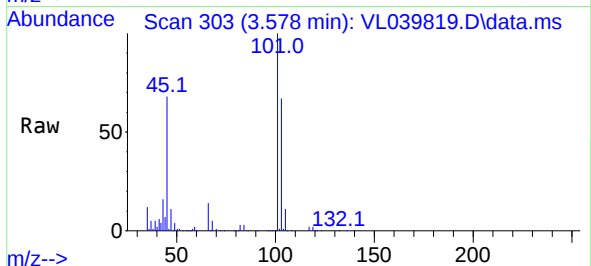




#19
Isopropyl Alcohol
Concen: 8.350 ppbv
RT: 3.578 min Scan# 30
Delta R.T. -0.003 min
Lab File: VL039819.D
Acq: 3 Nov 2022 10:19

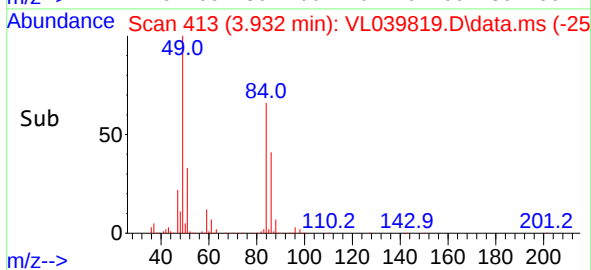
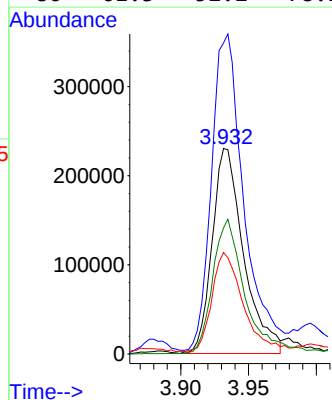
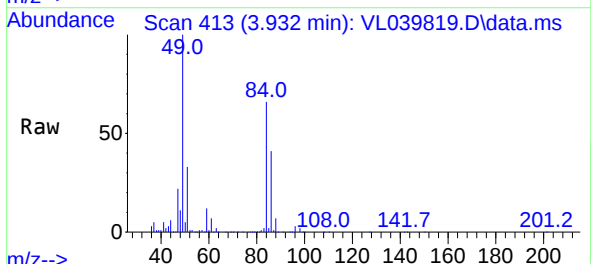
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

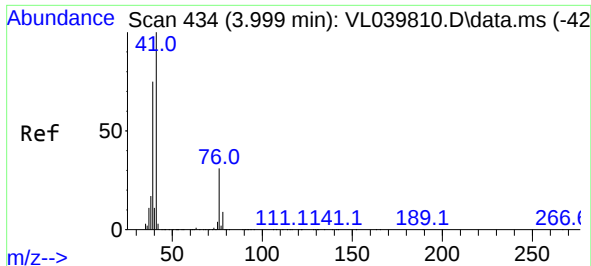
Tgt Ion: 45 Resp: 545305
Ion Ratio Lower Upper
45 100
58 51.4 38.3 57.5



#20
Methylene Chloride
Concen: 7.870 ppbv
RT: 3.932 min Scan# 413
Delta R.T. -0.006 min
Lab File: VL039819.D
Acq: 3 Nov 2022 10:19

Tgt Ion: 84 Resp: 371485
Ion Ratio Lower Upper
84 100
49 150.0 128.6 192.8
51 48.2 40.2 60.4
86 61.3 52.2 78.2





#21

Allyl Chloride

Concen: 9.202 ppbv

RT: 3.996 min Scan# 41

Delta R.T. -0.003 min

Lab File: VL039819.D

Acq: 3 Nov 2022 10:19

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

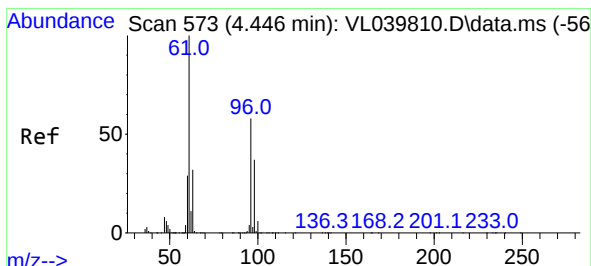
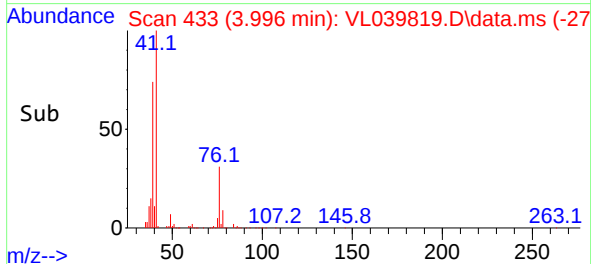
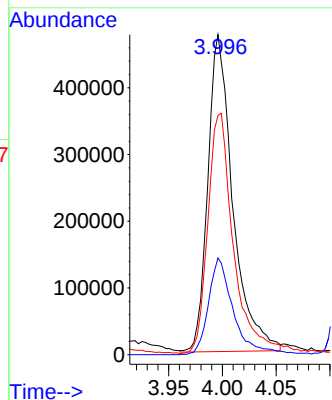
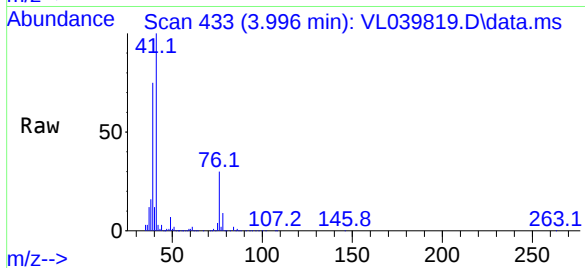
Tgt Ion: 41 Resp: 767895

Ion Ratio Lower Upper

41 100

76 30.5 24.1 36.1

39 78.1 64.3 96.5



#22

trans-1,2-Dichloroethene

Concen: 9.298 ppbv

RT: 4.443 min Scan# 572

Delta R.T. -0.003 min

Lab File: VL039819.D

Acq: 3 Nov 2022 10:19

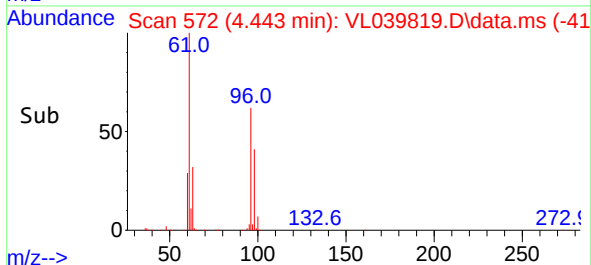
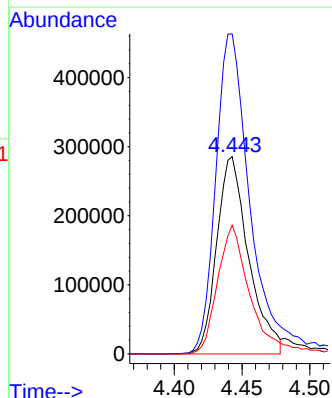
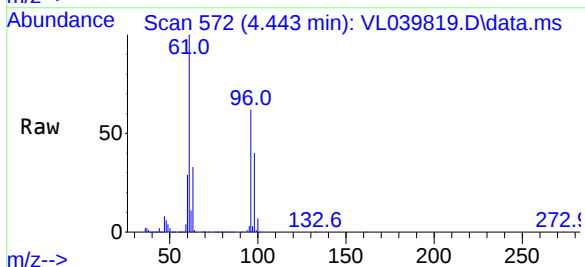
Tgt Ion: 96 Resp: 466403

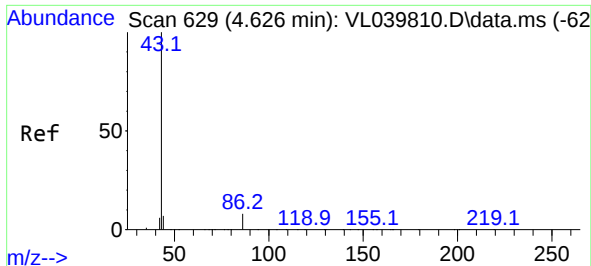
Ion Ratio Lower Upper

96 100

61 162.0 137.6 206.4

98 65.2 51.2 76.8



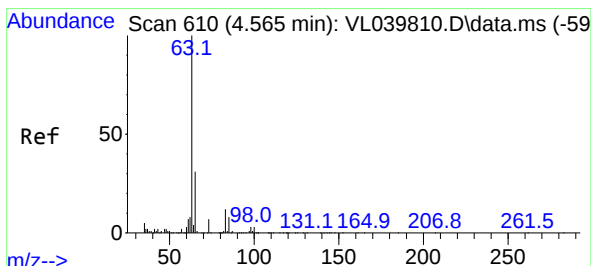
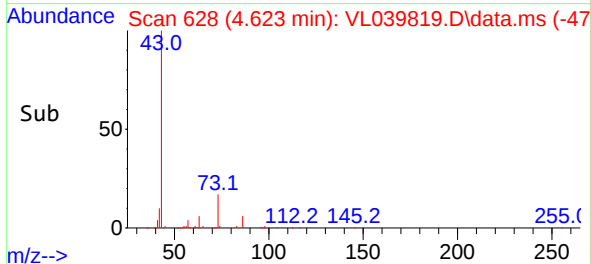
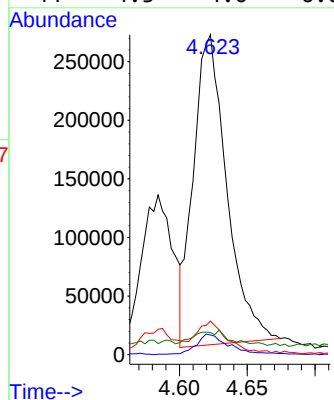
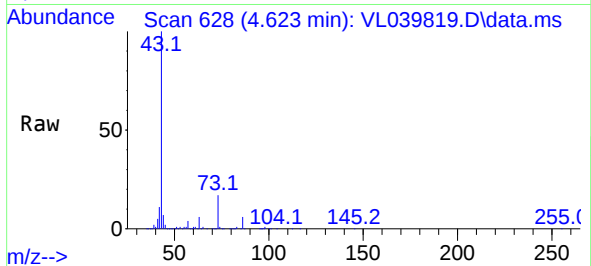


#23
 Vinyl Acetate
 Concen: 8.604 ppbv
 RT: 4.623 min Scan# 610
 Delta R.T. -0.003 min
 Lab File: VL039819.D
 Acq: 3 Nov 2022 10:19

Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDCCC010

Tgt Ion: 43 Resp: 452230

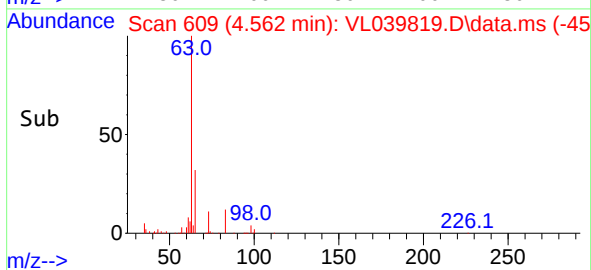
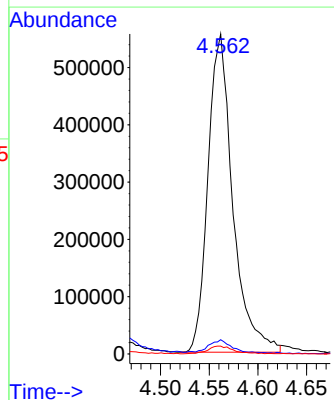
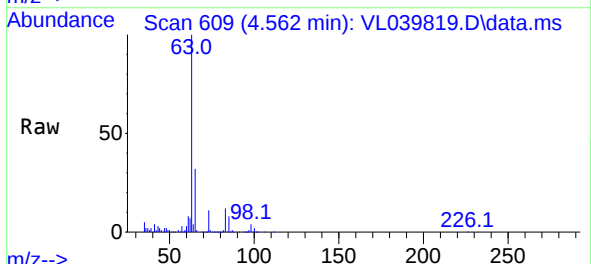
Ion	Ratio	Lower	Upper
43	100		
86	6.1	5.0	7.4
42	10.4	6.8	10.2
44	4.3	4.0	6.0

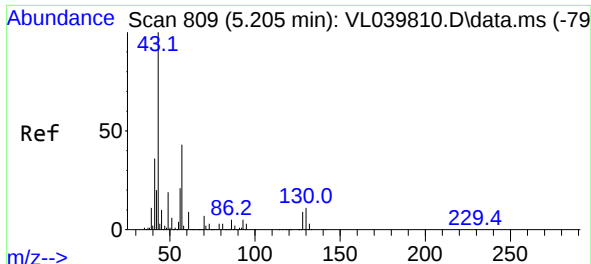


#24
 1,1-Dichloroethane
 Concen: 9.171 ppbv
 RT: 4.562 min Scan# 609
 Delta R.T. -0.003 min
 Lab File: VL039819.D
 Acq: 3 Nov 2022 10:19

Tgt Ion: 63 Resp: 984605

Ion	Ratio	Lower	Upper
63	100		
98	4.1	1.8	5.4
100	2.4	1.5	4.4



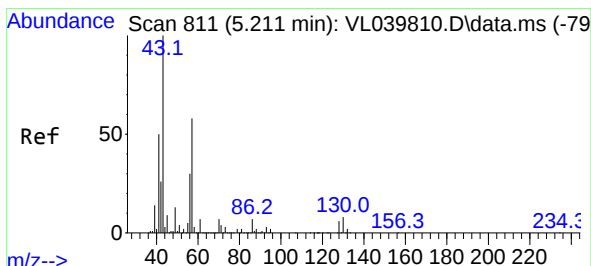
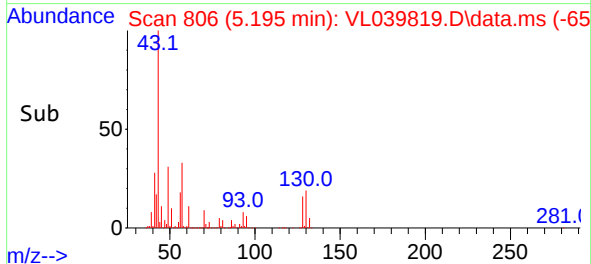
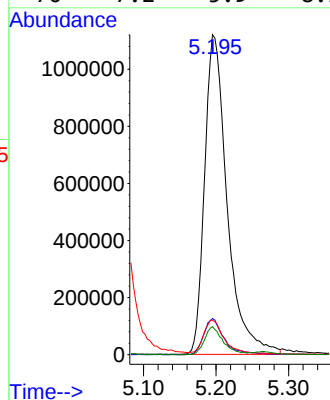
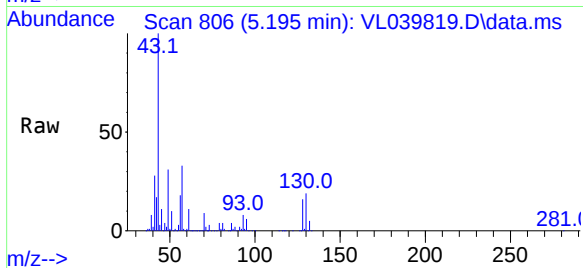


#25
Ethyl Acetate
Concen: 8.933 ppbv
RT: 5.195 min Scan# 809
Delta R.T. -0.009 min
Lab File: VL039819.D
Acq: 3 Nov 2022 10:19

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 43 Resp: 2427645

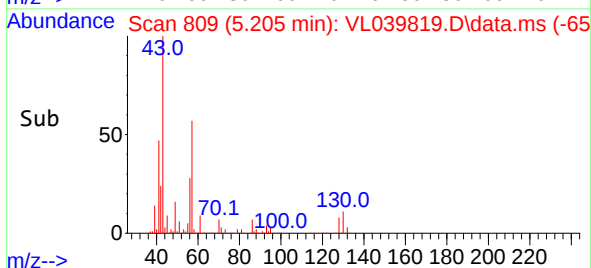
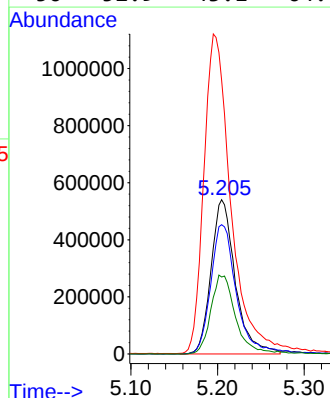
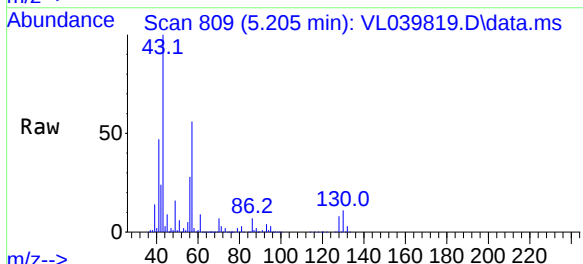
Ion	Ratio	Lower	Upper
43	100		
45	10.3	8.2	12.2
61	10.4	8.1	12.1
70	7.2	5.9	8.9

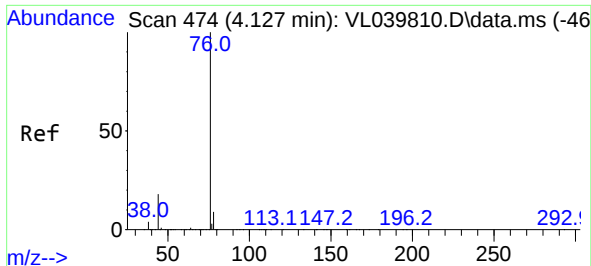


#26
Hexane
Concen: 8.680 ppbv
RT: 5.205 min Scan# 809
Delta R.T. -0.006 min
Lab File: VL039819.D
Acq: 3 Nov 2022 10:19

Tgt Ion: 57 Resp: 1051794

Ion	Ratio	Lower	Upper
57	100		
41	89.6	73.7	110.5
43	235.3	189.8	284.8
56	52.9	43.1	64.7

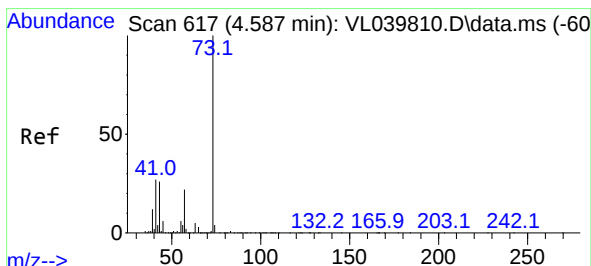
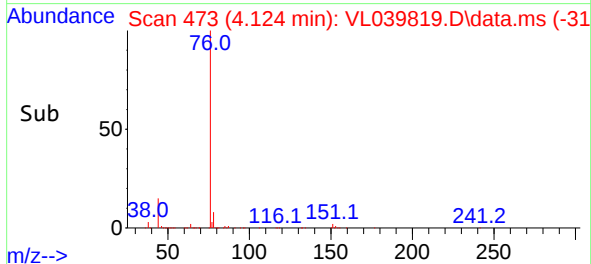
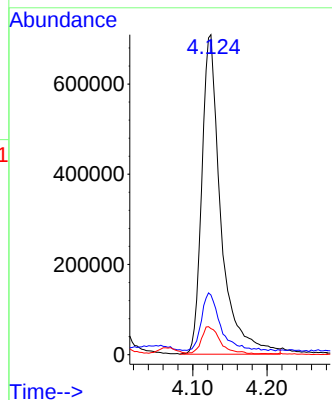
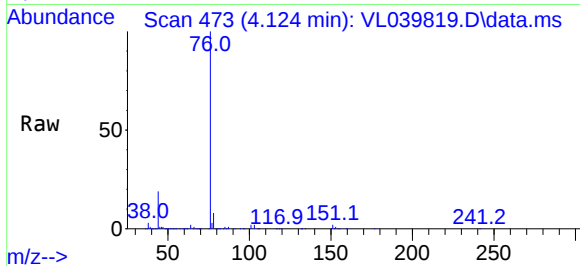




#27
Carbon Disulfide
Concen: 9.949 ppbv
RT: 4.124 min Scan# 41
Delta R.T. -0.003 min
Lab File: VL039819.D
Acq: 3 Nov 2022 10:19

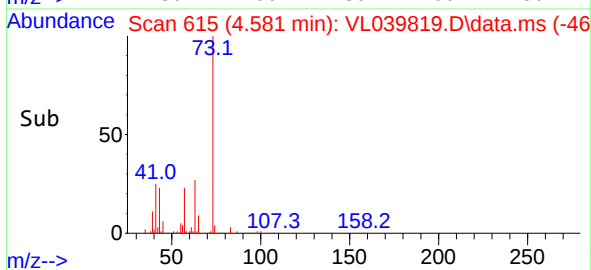
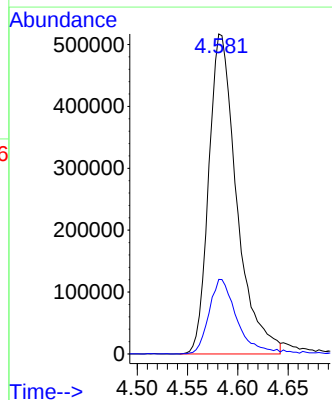
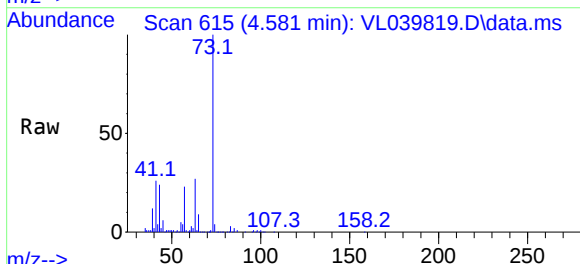
Instrument :
MSVOA_1
ClientSampleId :
VSTDCCC010

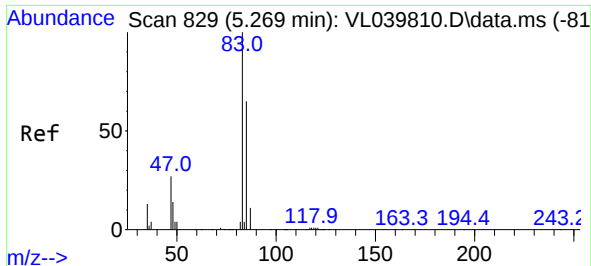
Tgt Ion: 76 Resp: 1265960
Ion Ratio Lower Upper
76 100
44 18.1 14.6 22.0
78 9.4 7.6 11.4



#28
Methyl tert-Butyl Ether
Concen: 9.123 ppbv
RT: 4.581 min Scan# 615
Delta R.T. -0.006 min
Lab File: VL039819.D
Acq: 3 Nov 2022 10:19

Tgt Ion: 73 Resp: 1000619
Ion Ratio Lower Upper
73 100
57 23.7 19.4 29.2

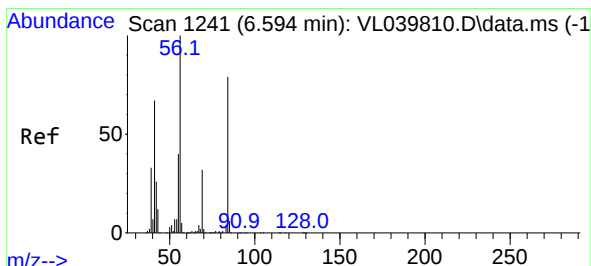
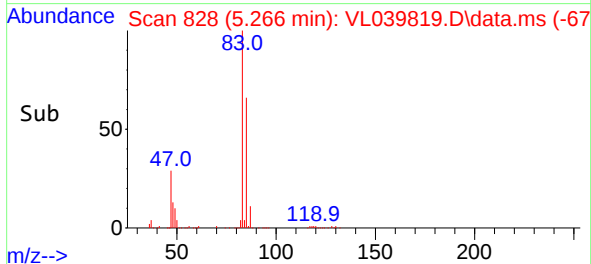
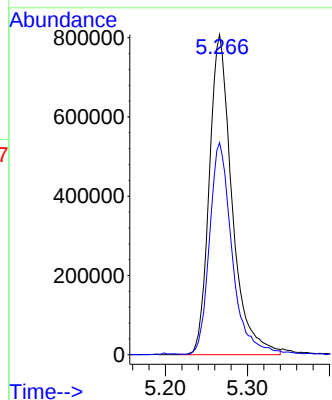
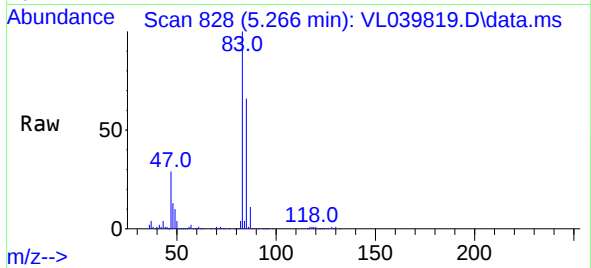




#29
Chloroform
Concen: 9.126 ppbv
RT: 5.266 min Scan# 81
Delta R.T. -0.003 min
Lab File: VL039819.D
Acq: 3 Nov 2022 10:19

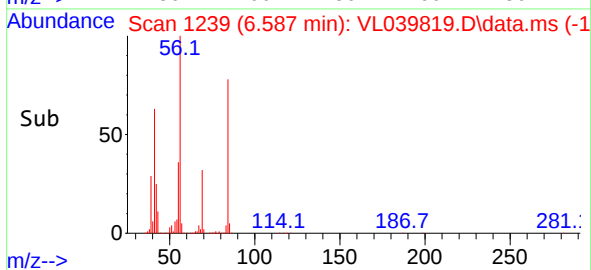
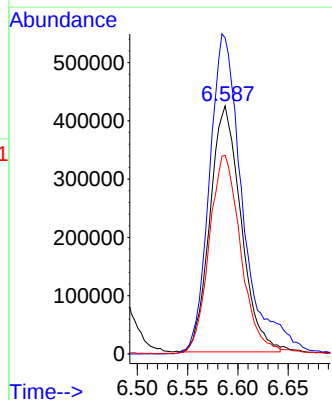
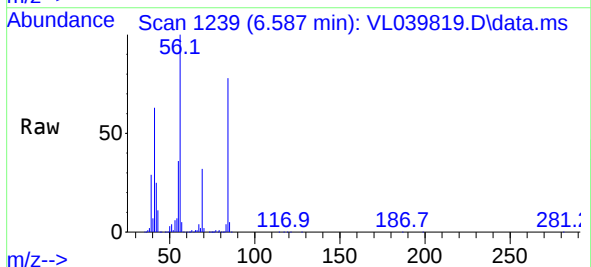
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

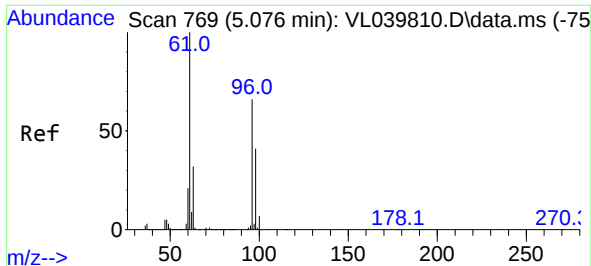
Tgt Ion: 83 Resp: 1554974
Ion Ratio Lower Upper
83 100
85 66.1 51.6 77.4



#30
Cyclohexane
Concen: 8.928 ppbv
RT: 6.587 min Scan# 1239
Delta R.T. -0.006 min
Lab File: VL039819.D
Acq: 3 Nov 2022 10:19

Tgt Ion: 84 Resp: 904665
Ion Ratio Lower Upper
84 100
56 141.5 114.8 172.2
41 83.6 68.6 103.0

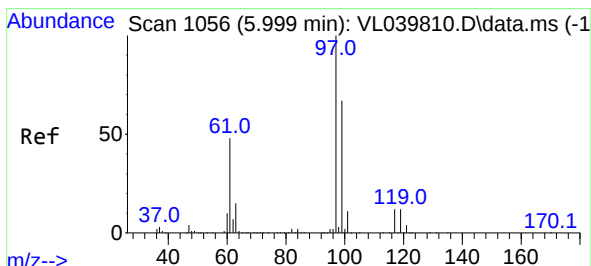
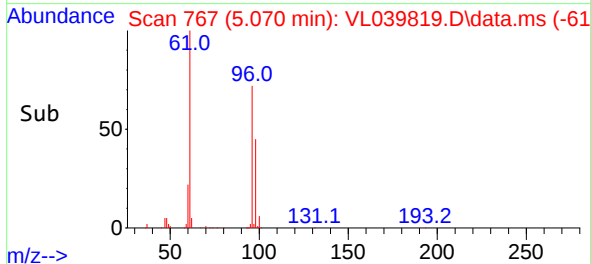
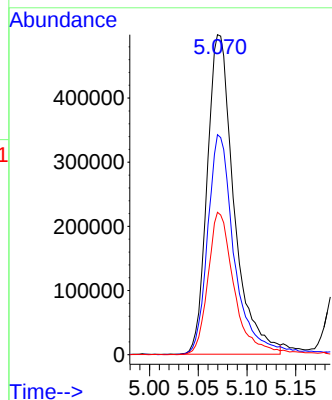
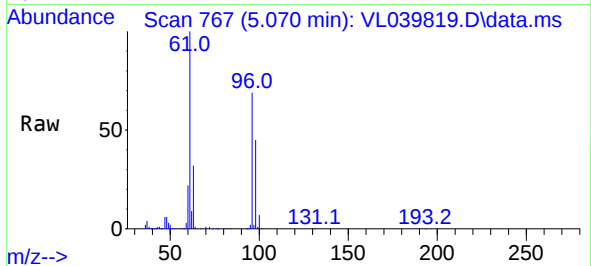




#31
 cis-1,2-Dichloroethene
 Concen: 8.612 ppbv
 RT: 5.070 min Scan# 70
 Delta R.T. -0.006 min
 Lab File: VL039819.D
 Acq: 3 Nov 2022 10:19

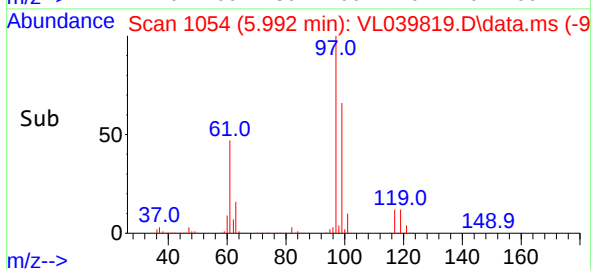
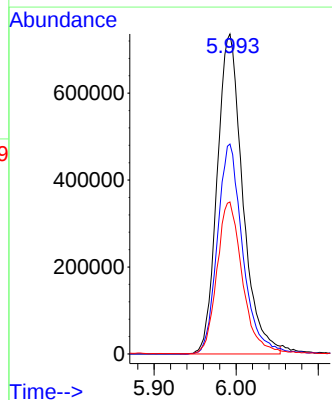
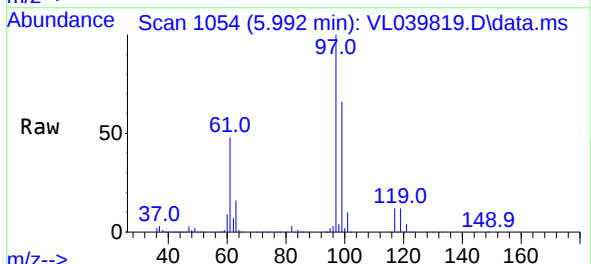
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDCCC010

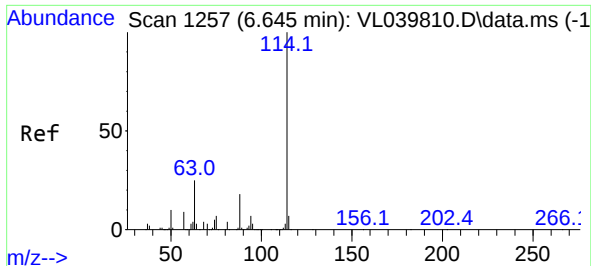
Tgt Ion: 61 Resp: 951475
 Ion Ratio Lower Upper
 61 100
 96 68.7 52.6 78.8
 98 44.5 32.6 48.8



#32
 1,1,1-Trichloroethane
 Concen: 9.380 ppbv
 RT: 5.992 min Scan# 1054
 Delta R.T. -0.006 min
 Lab File: VL039819.D
 Acq: 3 Nov 2022 10:19

Tgt Ion: 97 Resp: 1590987
 Ion Ratio Lower Upper
 97 100
 99 65.8 52.7 79.1
 61 48.1 38.9 58.3





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.639 min Scan# 11

Delta R.T. -0.006 min

Lab File: VL039819.D

Acq: 3 Nov 2022 10:19

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

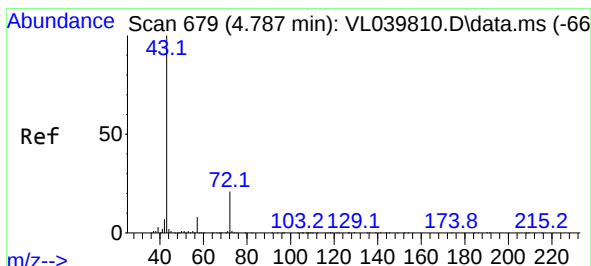
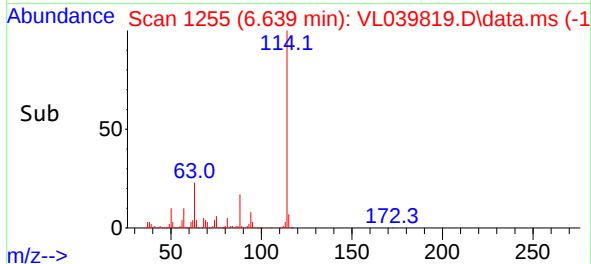
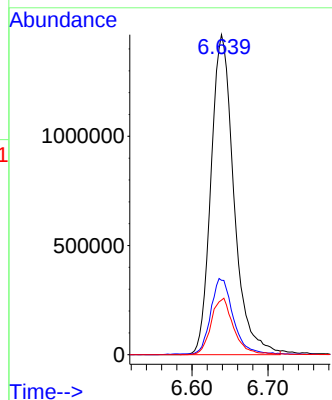
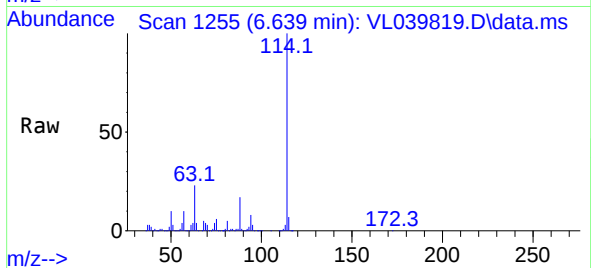
Tgt Ion:114 Resp: 3073138

Ion Ratio Lower Upper

114 100

63 24.1 19.8 29.6

88 17.5 14.4 21.6



#34

2-Butanone

Concen: 9.080 ppbv

RT: 4.780 min Scan# 677

Delta R.T. -0.006 min

Lab File: VL039819.D

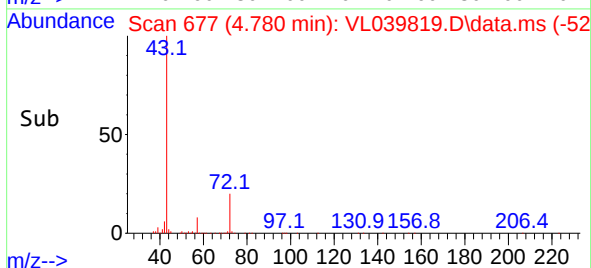
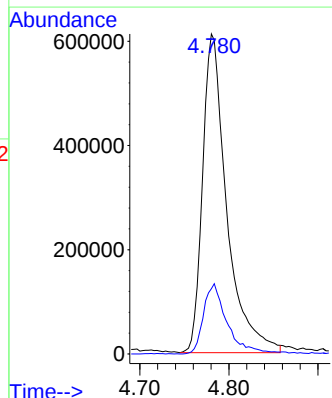
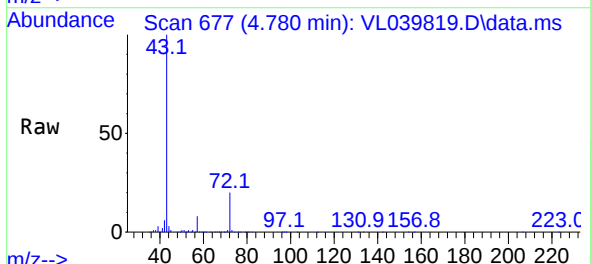
Acq: 3 Nov 2022 10:19

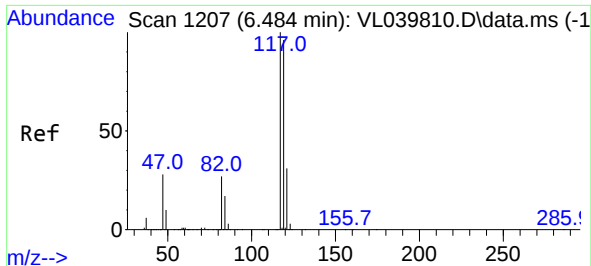
Tgt Ion: 43 Resp: 1151173

Ion Ratio Lower Upper

43 100

72 22.4 17.5 26.3



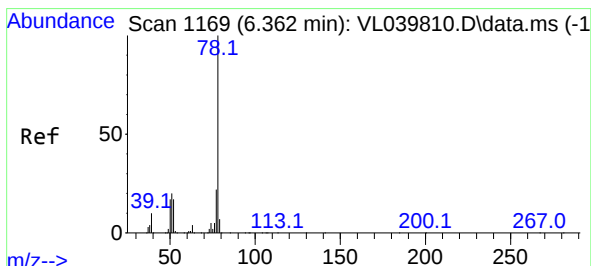
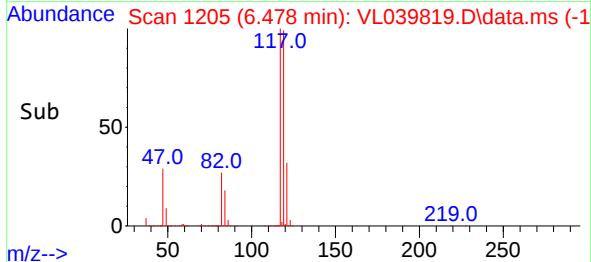
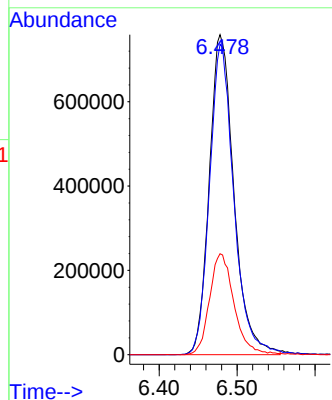
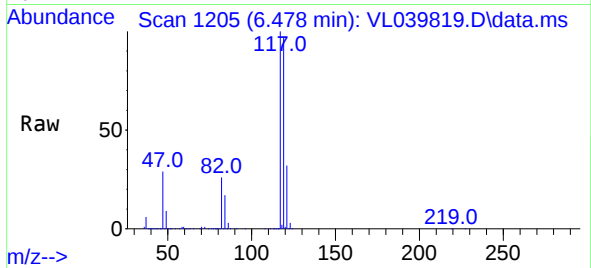


#35
Carbon Tetrachloride
Concen: 9.303 ppbv
RT: 6.478 min Scan# 1167
Delta R.T. -0.006 min
Lab File: VL039819.D
Acq: 3 Nov 2022 10:19

Instrument :
MSVOA_1
ClientSampleId :
VSTDCCC010

Tgt Ion:117 Resp: 1666382

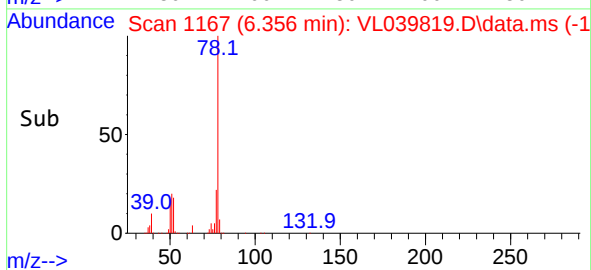
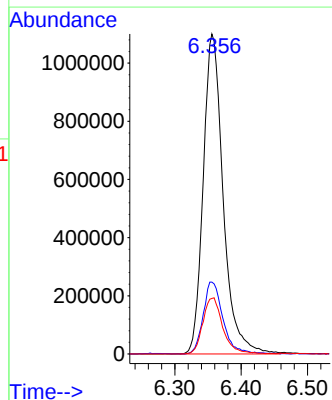
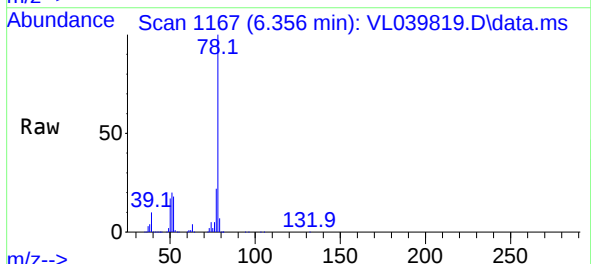
Ion	Ratio	Lower	Upper
117	100		
119	96.9	76.5	114.7
121	31.5	25.2	37.8

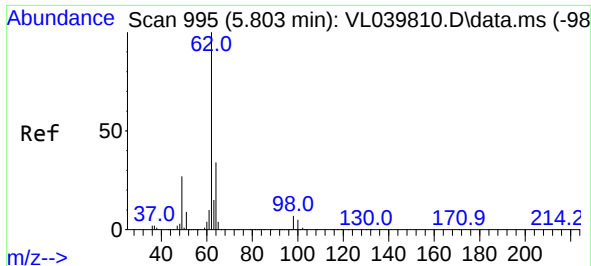


#36
Benzene
Concen: 8.856 ppbv
RT: 6.356 min Scan# 1167
Delta R.T. -0.006 min
Lab File: VL039819.D
Acq: 3 Nov 2022 10:19

Tgt Ion: 78 Resp: 2295733

Ion	Ratio	Lower	Upper
78	100		
77	22.4	17.4	26.2
50	17.4	13.9	20.9

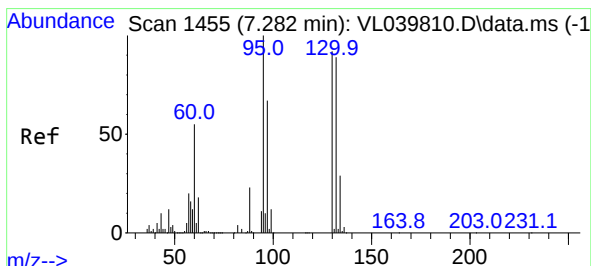
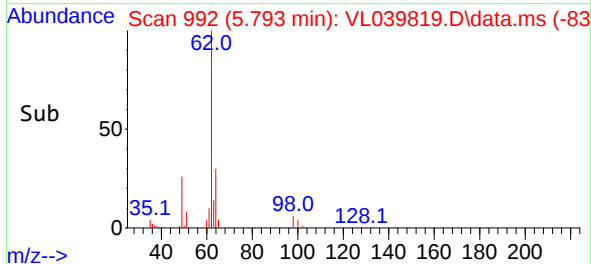
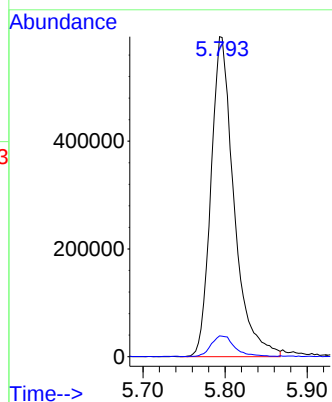
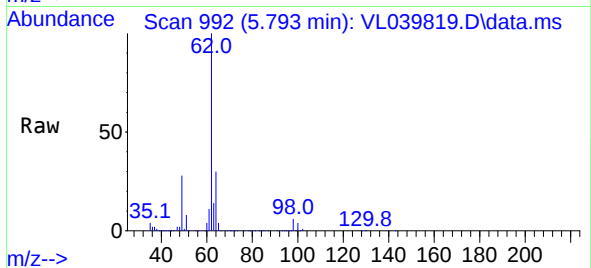




#37
1,2-Dichloroethane
Concen: 9.329 ppbv
RT: 5.793 min Scan# 995
Delta R.T. -0.009 min
Lab File: VL039819.D
Acq: 3 Nov 2022 10:19

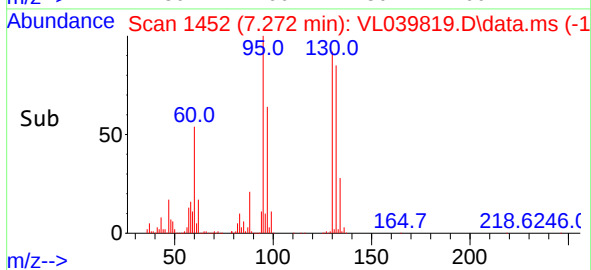
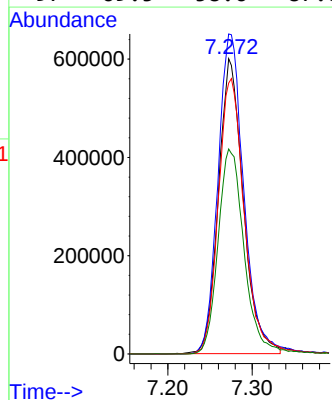
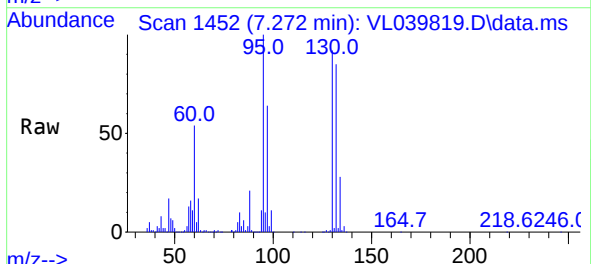
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

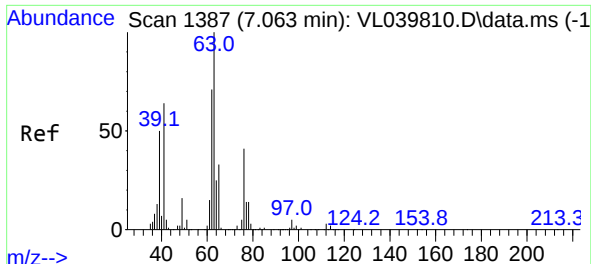
Tgt Ion: 62 Resp: 1160268
Ion Ratio Lower Upper
62 100
98 7.0 5.4 8.2



#38
Trichloroethene
Concen: 8.852 ppbv
RT: 7.272 min Scan# 1452
Delta R.T. -0.009 min
Lab File: VL039819.D
Acq: 3 Nov 2022 10:19

Tgt Ion:130 Resp: 1228252
Ion Ratio Lower Upper
130 100
95 108.5 87.4 131.2
132 91.8 77.7 116.5
97 69.5 58.6 87.8





#39

1,2-Dichloropropane

Concen: 8.715 ppbv

RT: 7.057 min Scan# 11

Delta R.T. -0.006 min

Lab File: VL039819.D

Acq: 3 Nov 2022 10:19

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

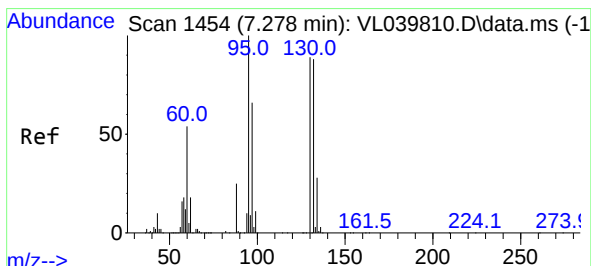
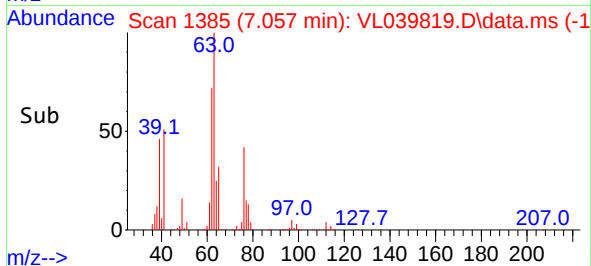
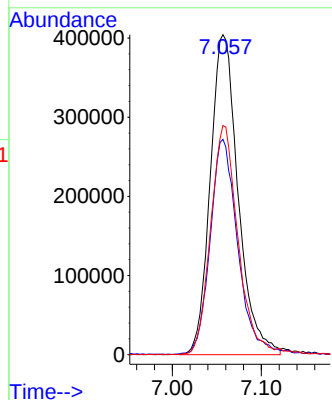
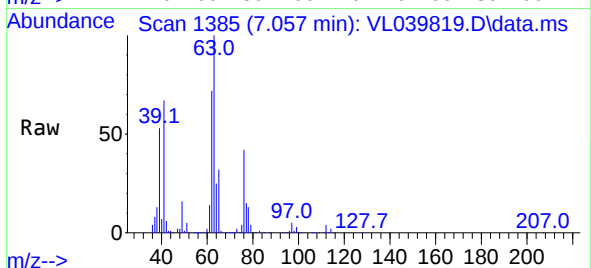
Tgt Ion: 63 Resp: 880264

Ion Ratio Lower Upper

63 100

41 67.0 51.0 76.4

62 71.5 56.6 85.0



#40

1,4-Dioxane

Concen: 8.806 ppbv

RT: 7.269 min Scan# 1451

Delta R.T. -0.009 min

Lab File: VL039819.D

Acq: 3 Nov 2022 10:19

Tgt Ion: 88 Resp: 340600

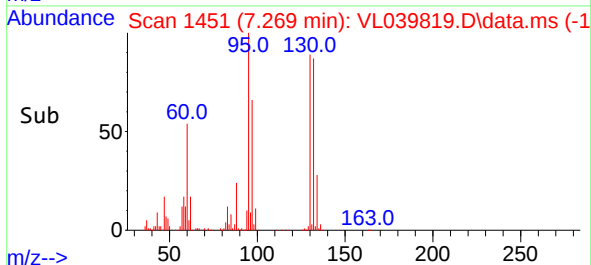
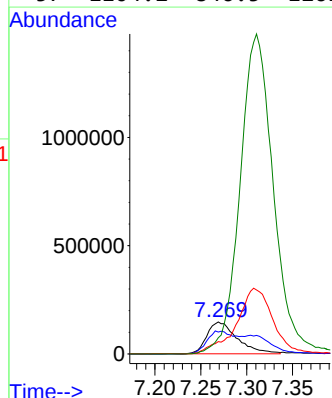
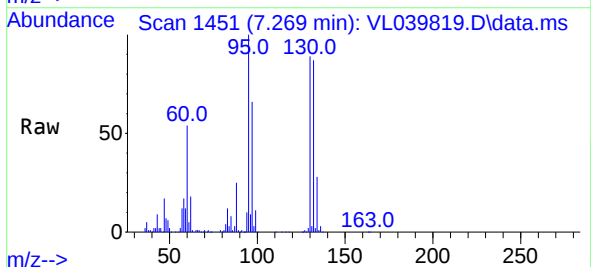
Ion Ratio Lower Upper

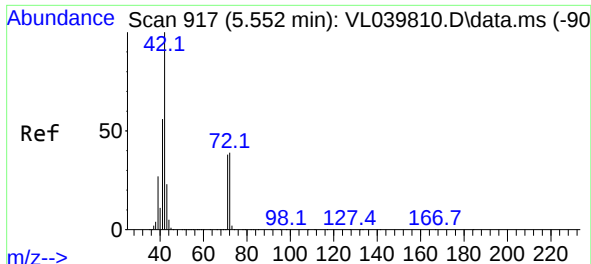
88 100

58 124.4 99.5 149.3

43 248.9 189.7 284.5

57 1104.2 846.5 1269.7

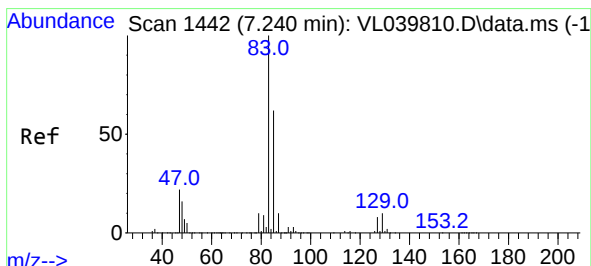
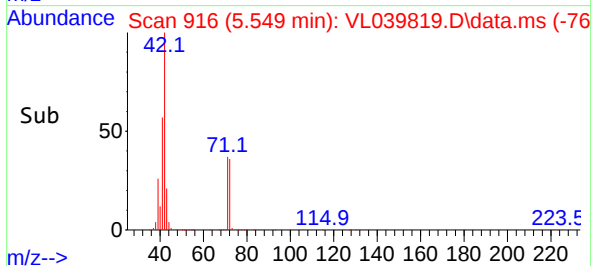
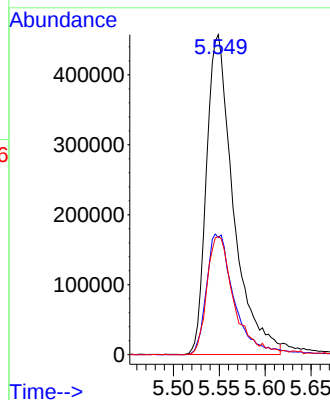
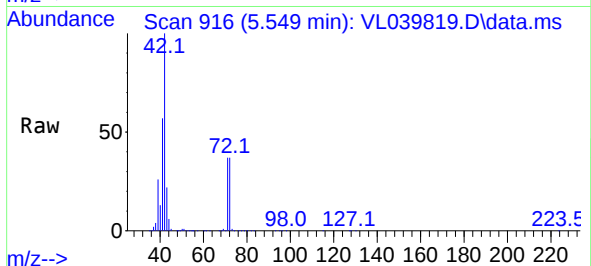




#41
Tetrahydrofuran
Concen: 8.807 ppbv
RT: 5.549 min Scan# 91
Delta R.T. -0.003 min
Lab File: VL039819.D
Acq: 3 Nov 2022 10:19

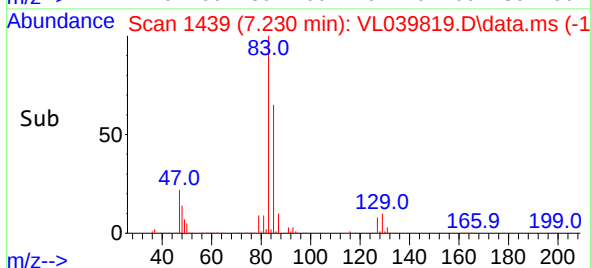
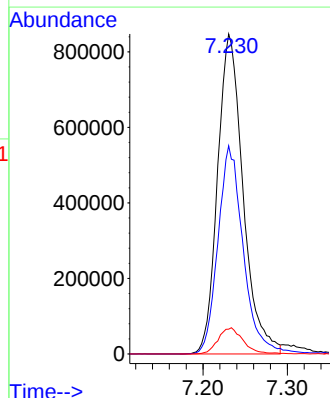
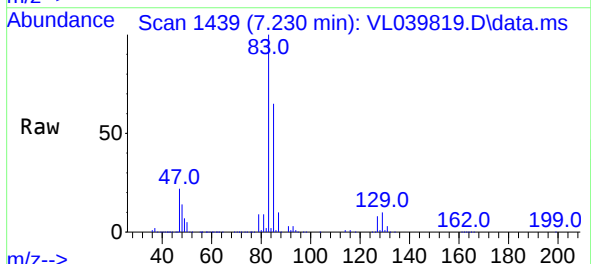
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

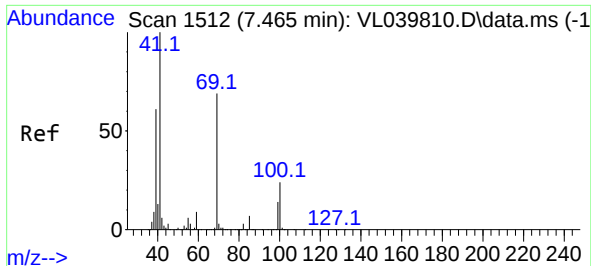
Tgt Ion: 42 Resp: 933194
Ion Ratio Lower Upper
42 100
72 40.0 31.4 47.2
71 38.8 31.5 47.3



#42
Bromodichloromethane
Concen: 8.959 ppbv
RT: 7.230 min Scan# 1439
Delta R.T. -0.009 min
Lab File: VL039819.D
Acq: 3 Nov 2022 10:19

Tgt Ion: 83 Resp: 1779693
Ion Ratio Lower Upper
83 100
85 65.1 49.9 74.9
127 7.8 6.4 9.6

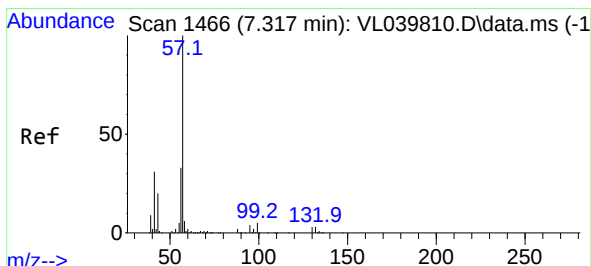
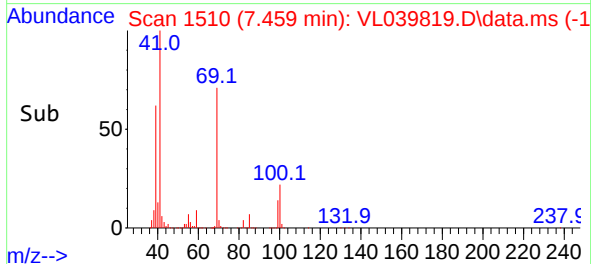
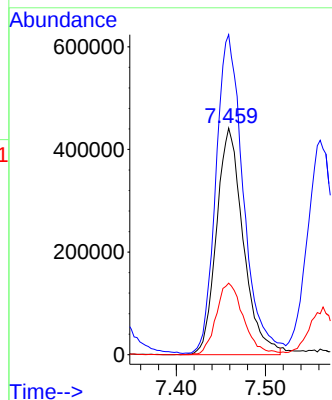
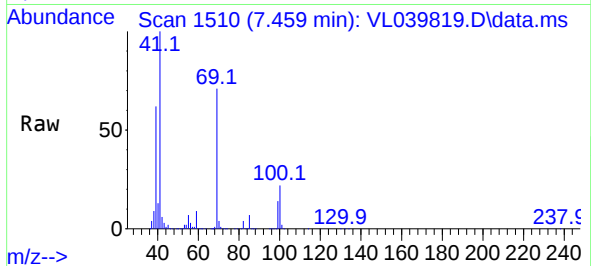




#43
Methyl Methacrylate
Concen: 8.991 ppbv
RT: 7.459 min Scan# 11
Delta R.T. -0.006 min
Lab File: VL039819.D
Acq: 3 Nov 2022 10:19

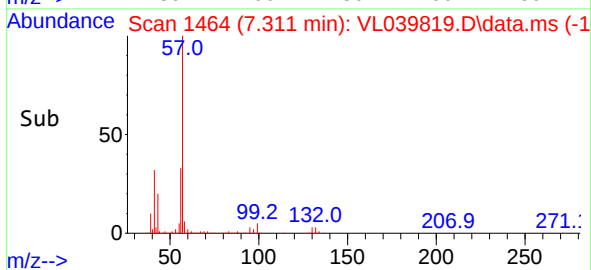
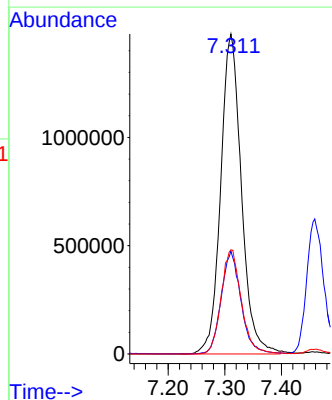
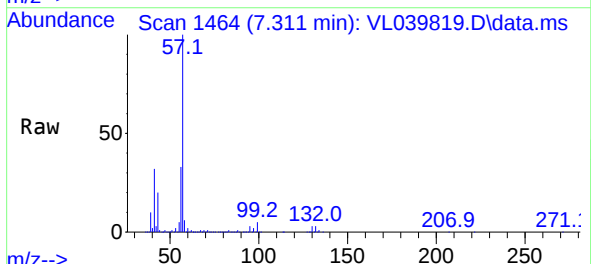
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

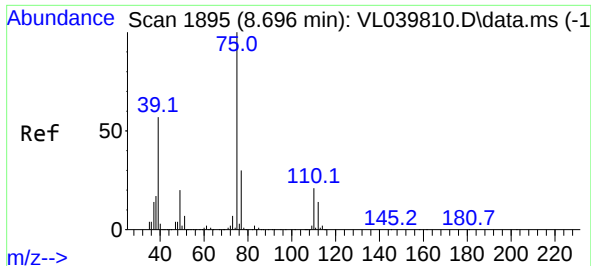
Tgt Ion: 69 Resp: 921128
Ion Ratio Lower Upper
69 100
41 144.2 115.7 173.5
100 32.3 25.9 38.9



#44
2,2,4-Trimethylpentane
Concen: 8.559 ppbv
RT: 7.311 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VL039819.D
Acq: 3 Nov 2022 10:19

Tgt Ion: 57 Resp: 3745140
Ion Ratio Lower Upper
57 100
41 30.7 24.6 36.8
56 31.7 25.4 38.0





#45

t-1,3-Dichloropropene

Concen: 9.513 ppbv

RT: 8.690 min Scan# 11

Delta R.T. -0.006 min

Lab File: VL039819.D

Acq: 3 Nov 2022 10:19

Instrument :

MSVOA_L

ClientSampleId :

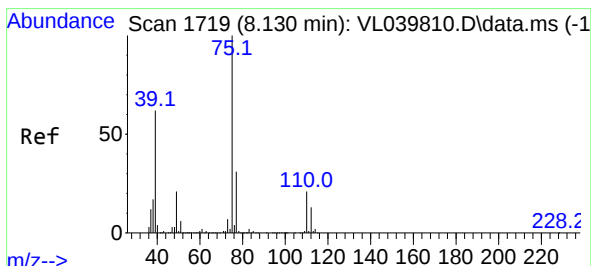
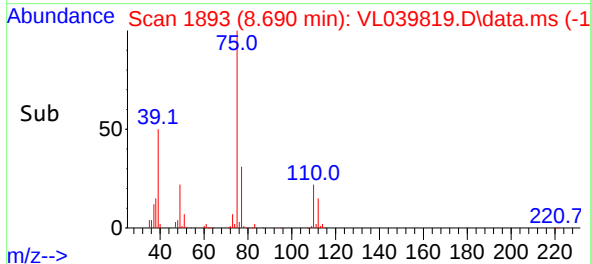
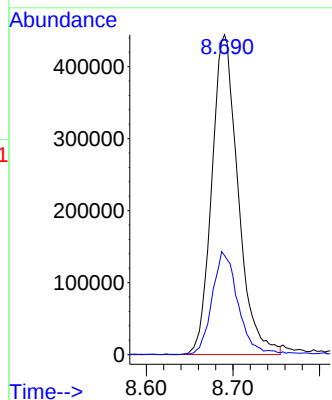
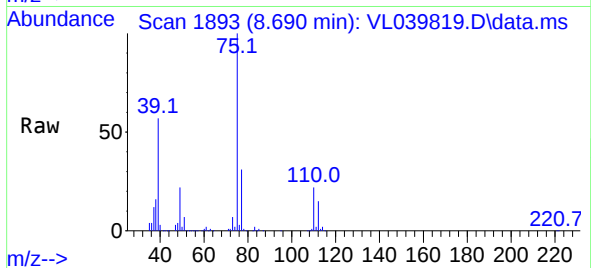
VSTDCCC010

Tgt Ion: 75 Resp: 933582

Ion Ratio Lower Upper

75 100

77 31.0 24.4 36.6



#46

cis-1,3-Dichloropropene

Concen: 9.315 ppbv

RT: 8.124 min Scan# 1717

Delta R.T. -0.006 min

Lab File: VL039819.D

Acq: 3 Nov 2022 10:19

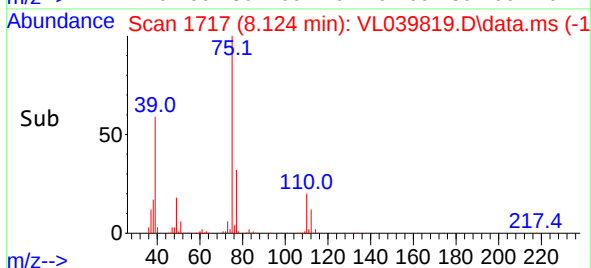
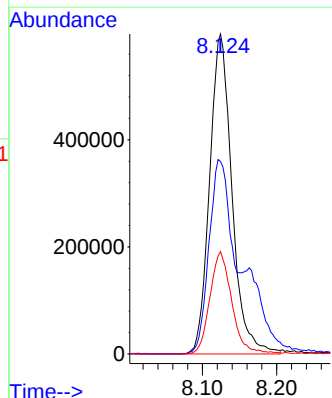
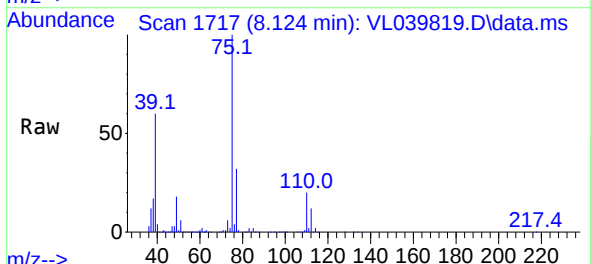
Tgt Ion: 75 Resp: 1247830

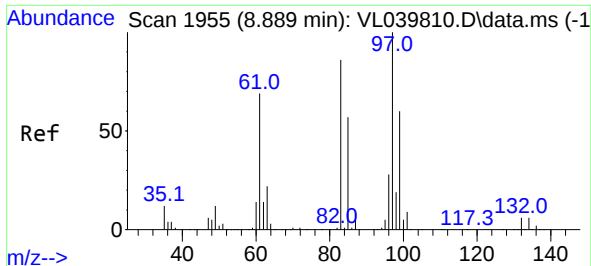
Ion Ratio Lower Upper

75 100

39 60.1 50.0 75.0

77 31.9 25.1 37.7



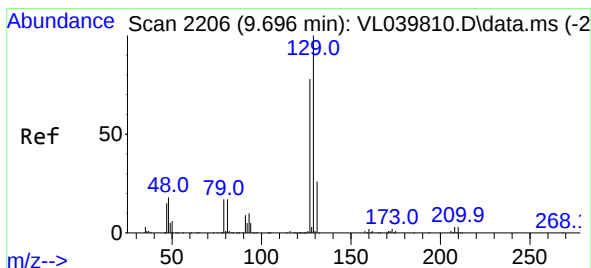
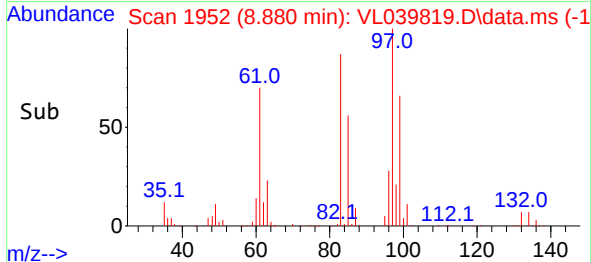
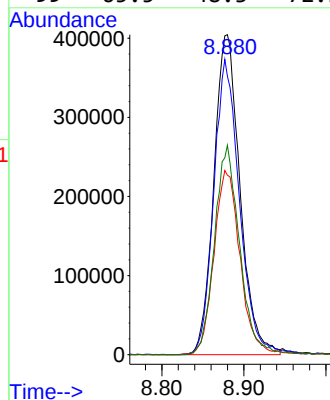
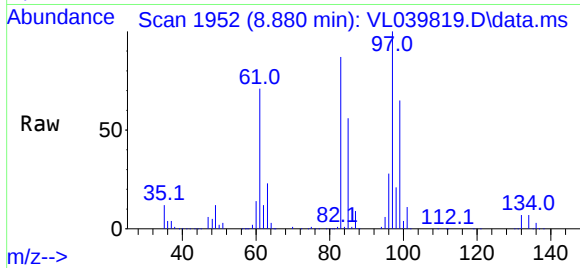


#47
1,1,2-Trichloroethane
Concen: 8.773 ppbv
RT: 8.880 min Scan# 1955
Delta R.T. -0.009 min
Lab File: VL039819.D
Acq: 3 Nov 2022 10:19

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 97 Resp: 897270

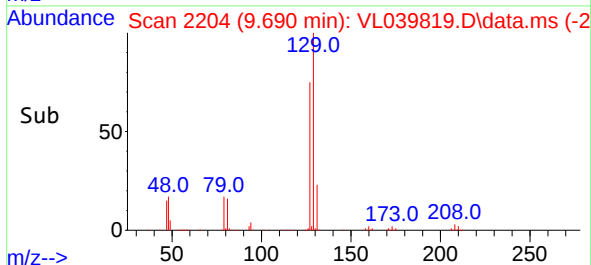
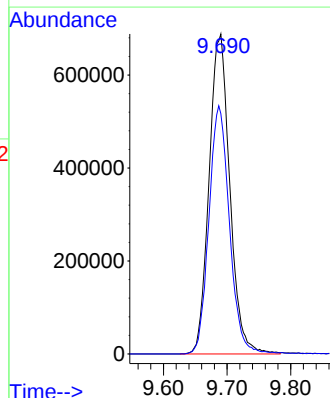
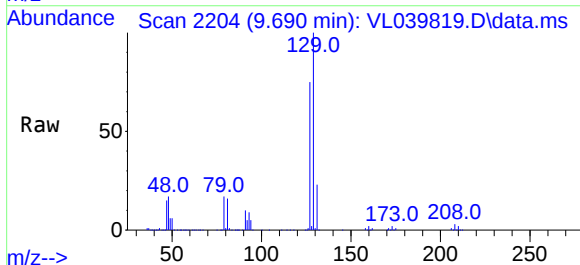
Ion	Ratio	Lower	Upper
97	100		
83	87.1	68.8	103.2
85	56.0	45.8	68.6
99	65.5	48.3	72.5

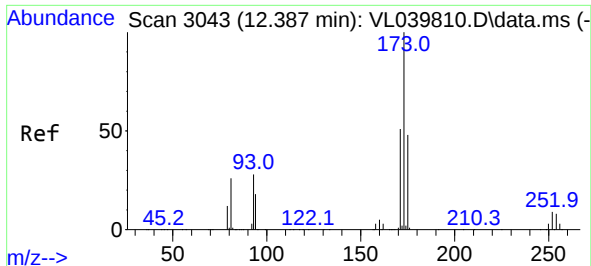


#48
Dibromochloromethane
Concen: 8.932 ppbv
RT: 9.690 min Scan# 2204
Delta R.T. -0.006 min
Lab File: VL039819.D
Acq: 3 Nov 2022 10:19

Tgt Ion: 129 Resp: 1556601

Ion	Ratio	Lower	Upper
129	100		
127	77.1	39.4	118.1

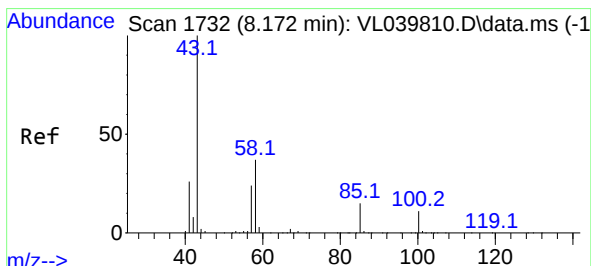
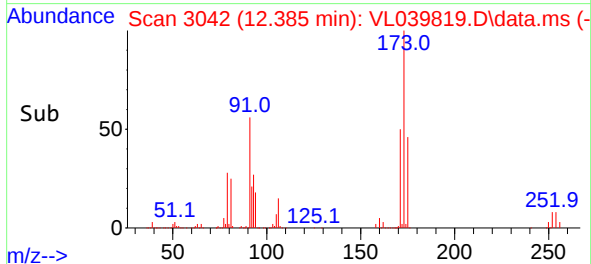
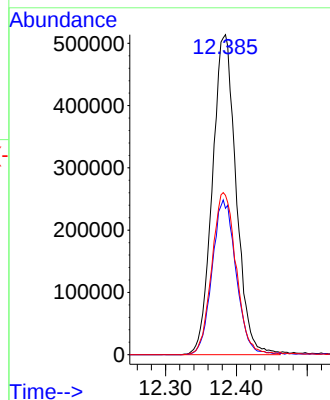
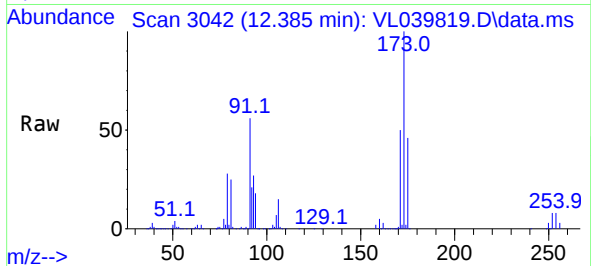




#49
Bromoform
Concen: 8.539 ppbv
RT: 12.385 min Scan# 3042
Delta R.T. -0.003 min
Lab File: VL039819.D
Acq: 3 Nov 2022 10:19

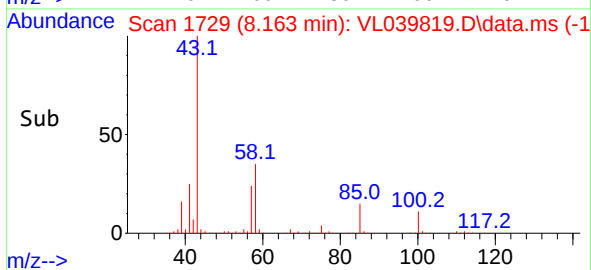
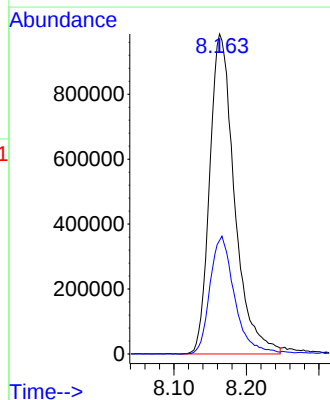
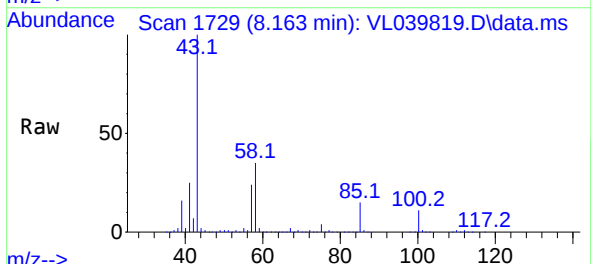
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

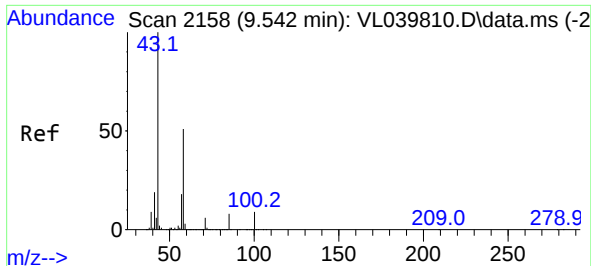
Tgt Ion:173 Resp: 1196120
Ion Ratio Lower Upper
173 100
175 48.9 39.7 59.5
171 52.3 41.7 62.5



#50
4-Methyl-2-Pentanone
Concen: 9.037 ppbv
RT: 8.163 min Scan# 1729
Delta R.T. -0.009 min
Lab File: VL039819.D
Acq: 3 Nov 2022 10:19

Tgt Ion: 43 Resp: 2345588
Ion Ratio Lower Upper
43 100
58 37.4 29.8 44.6

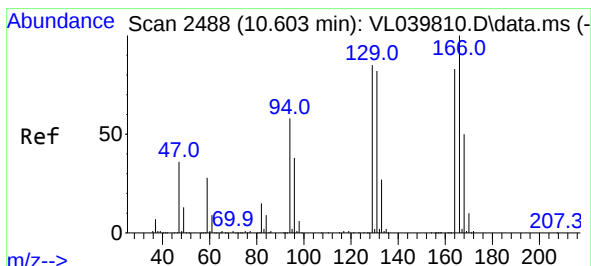
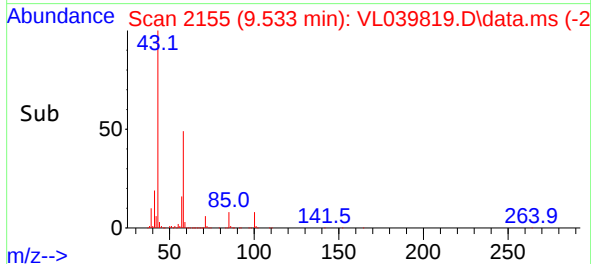
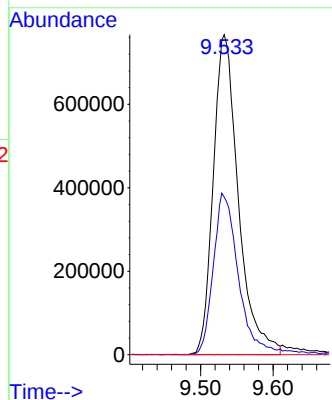
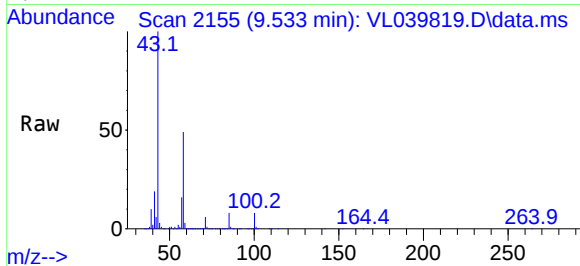




#51
2-Hexanone
Concen: 9.098 ppbv
RT: 9.533 min Scan# 2155
Delta R.T. -0.009 min
Lab File: VL039819.D
Acq: 3 Nov 2022 10:19

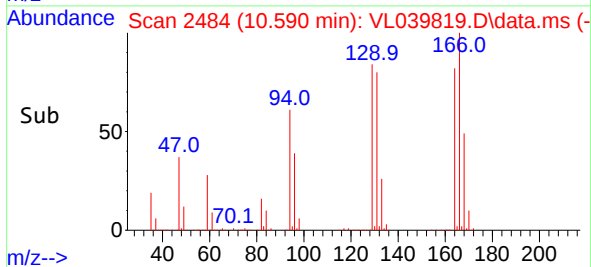
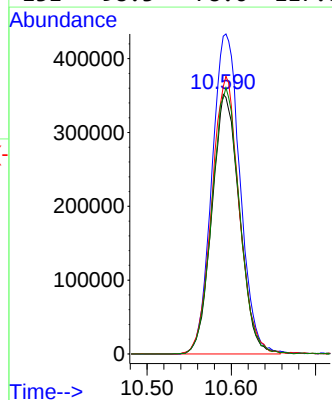
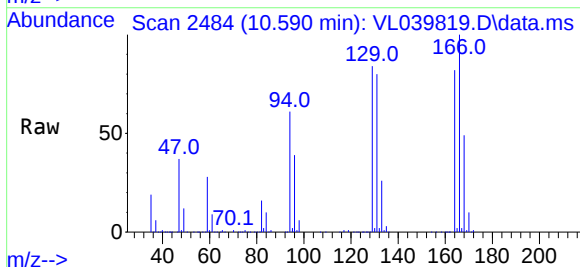
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

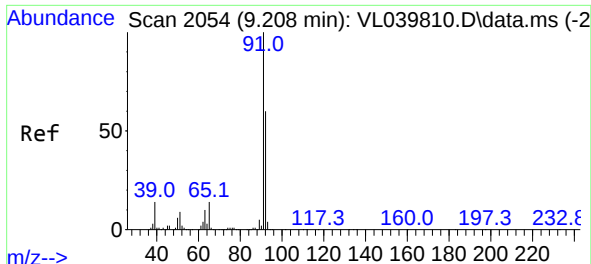
Tgt Ion: 43 Resp: 1841316
Ion Ratio Lower Upper
43 100
58 52.0 40.5 60.7
98 0.1 0.1 0.1#



#52
Tetrachloroethene
Concen: 8.222 ppbv
RT: 10.590 min Scan# 2484
Delta R.T. -0.013 min
Lab File: VL039819.D
Acq: 3 Nov 2022 10:19

Tgt Ion:164 Resp: 798552
Ion Ratio Lower Upper
164 100
166 122.4 96.0 144.0
129 102.8 81.4 122.2
131 98.3 78.6 117.8

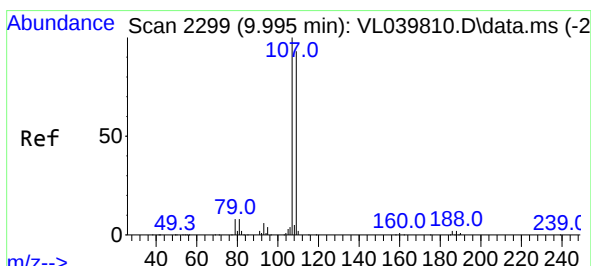
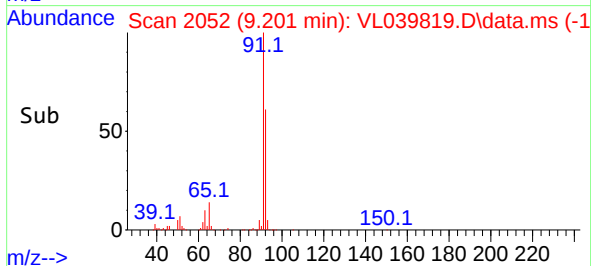
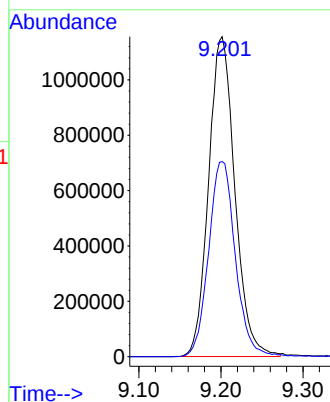
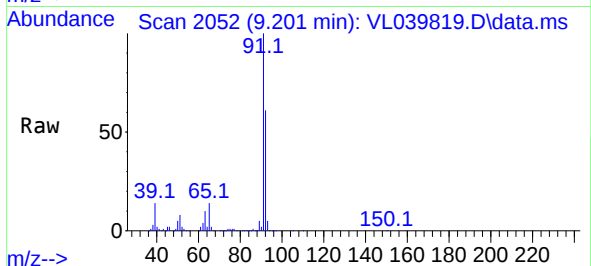




#53
Toluene
Concen: 8.652 ppbv
RT: 9.201 min Scan# 2052
Delta R.T. -0.006 min
Lab File: VL039819.D
Acq: 3 Nov 2022 10:19

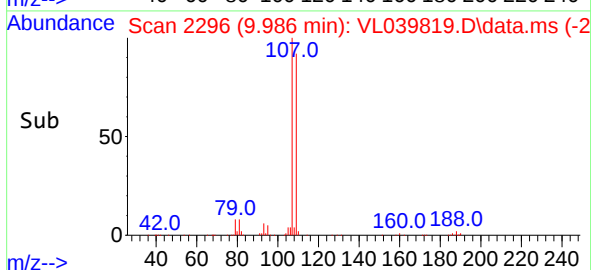
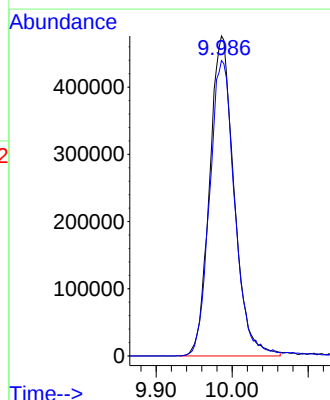
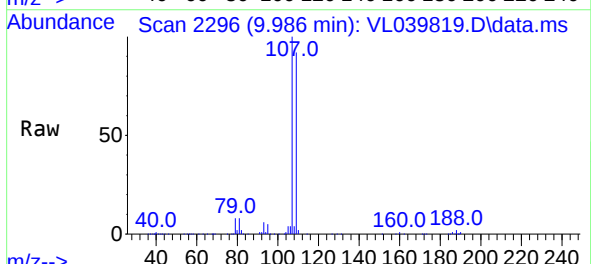
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

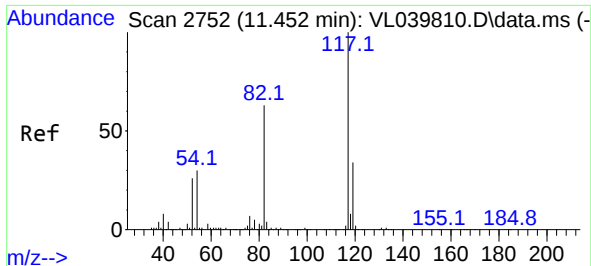
Tgt Ion: 91 Resp: 2573015
Ion Ratio Lower Upper
91 100
92 62.3 49.6 74.4



#54
1,2-Dibromoethane
Concen: 9.373 ppbv
RT: 9.986 min Scan# 2296
Delta R.T. -0.009 min
Lab File: VL039819.D
Acq: 3 Nov 2022 10:19

Tgt Ion: 107 Resp: 1063923
Ion Ratio Lower Upper
107 100
109 92.3 74.5 111.7

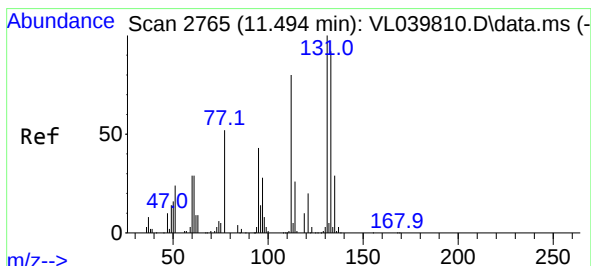
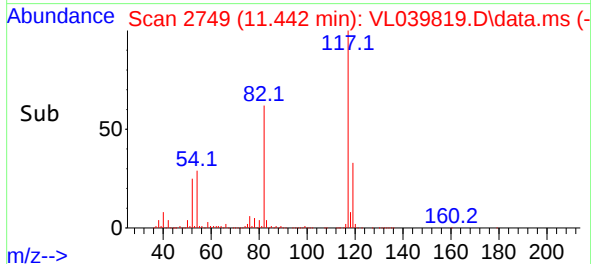
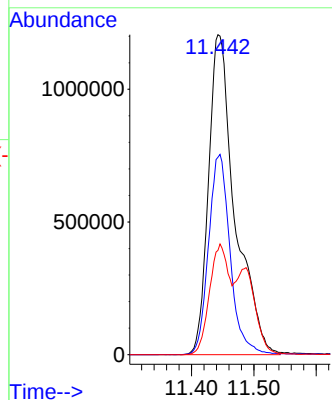
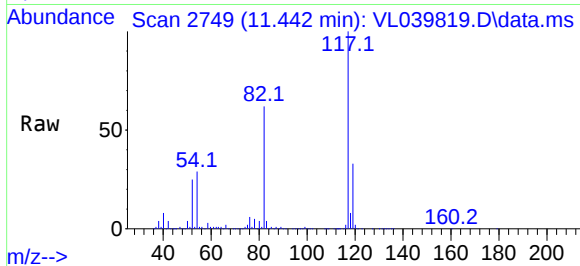




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.442 min Scan# 21
Delta R.T. -0.009 min
Lab File: VL039819.D
Acq: 3 Nov 2022 10:19

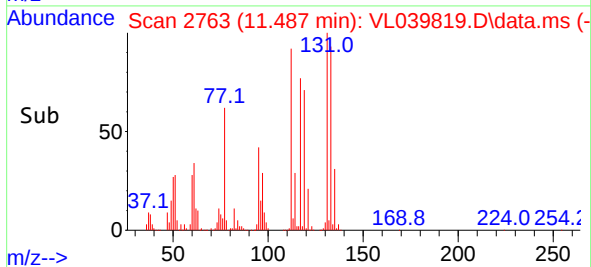
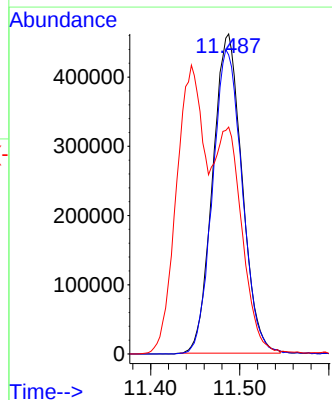
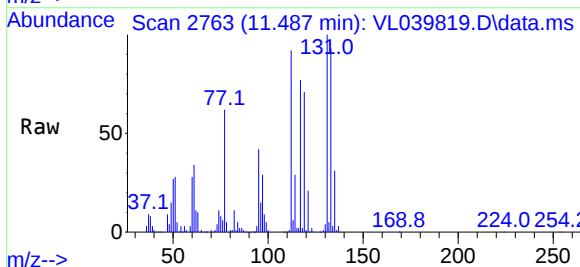
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

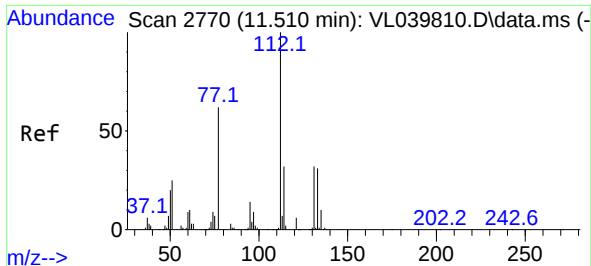
Tgt Ion:117 Resp: 3556095
Ion Ratio Lower Upper
117 100
82 51.5 51.0 76.6
119 28.4 24.7 37.1



#56
1,1,1,2-Tetrachloroethane
Concen: 6.942 ppbv
RT: 11.487 min Scan# 2763
Delta R.T. -0.006 min
Lab File: VL039819.D
Acq: 3 Nov 2022 10:19

Tgt Ion:131 Resp: 1055460
Ion Ratio Lower Upper
131 100
133 96.7 76.9 115.3
119 65.4 52.2 78.2

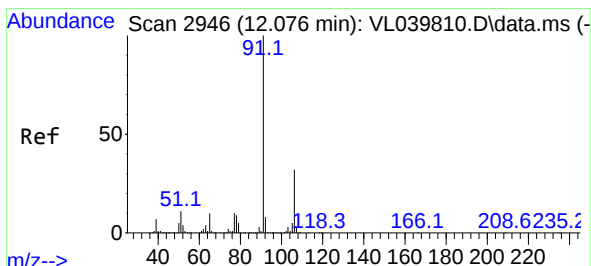
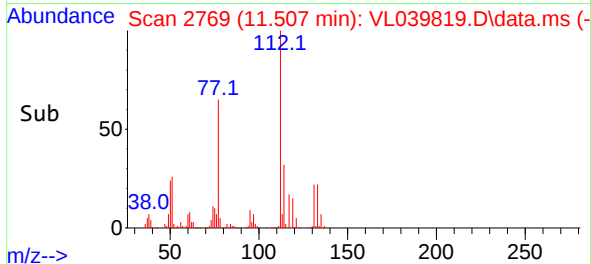
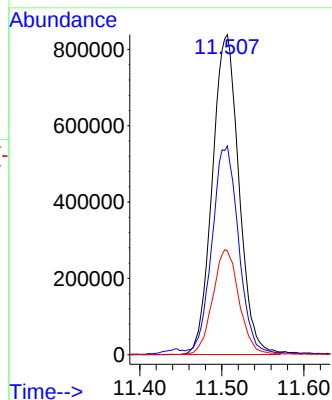
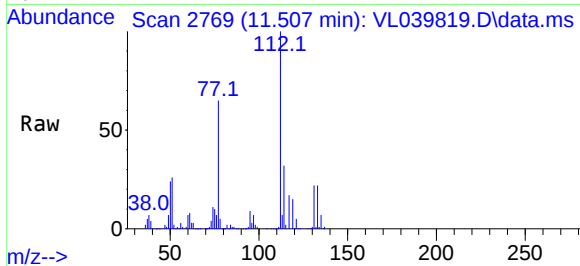




#57
Chlorobenzene
Concen: 7.021 ppbv
RT: 11.507 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL039819.D
Acq: 3 Nov 2022 10:19

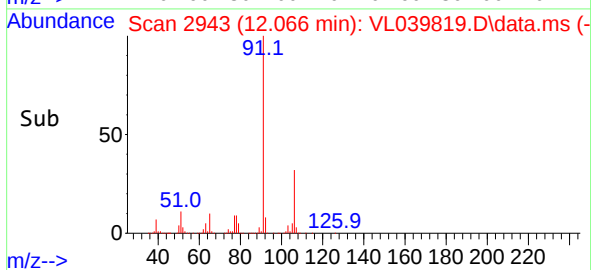
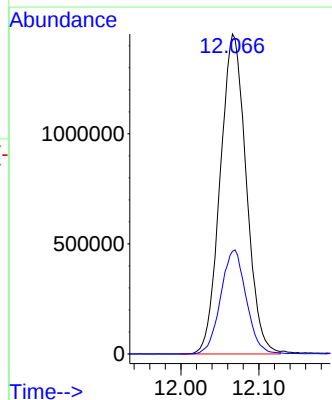
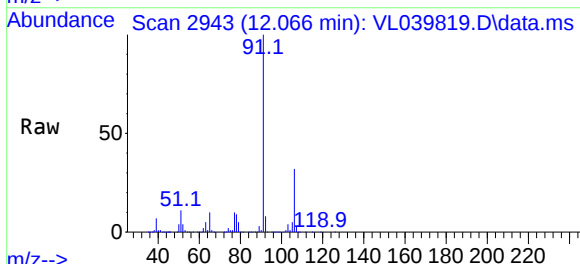
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

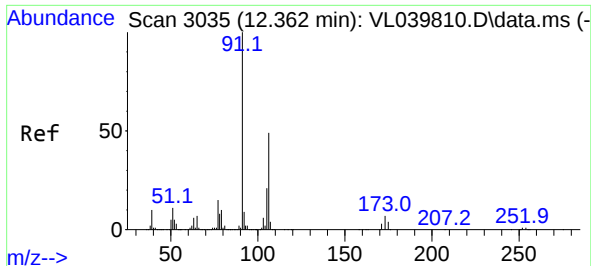
Tgt Ion:112 Resp: 1893965
Ion Ratio Lower Upper
112 100
77 64.6 49.8 74.6
114 32.4 29.0 35.4



#58
Ethyl Benzene
Concen: 7.001 ppbv
RT: 12.066 min Scan# 2943
Delta R.T. -0.009 min
Lab File: VL039819.D
Acq: 3 Nov 2022 10:19

Tgt Ion: 91 Resp: 3366004
Ion Ratio Lower Upper
91 100
106 32.1 25.9 38.9





#59

m/p-Xylene

Concen: 7.235 ppbv

RT: 12.352 min Scan# 3035

Delta R.T. -0.009 min

Lab File: VL039819.D

Acq: 3 Nov 2022 10:19

Instrument :

MSVOA_1

ClientSampleId :

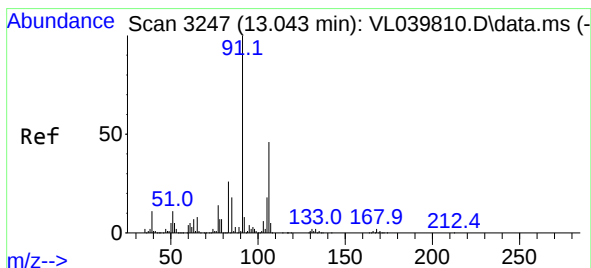
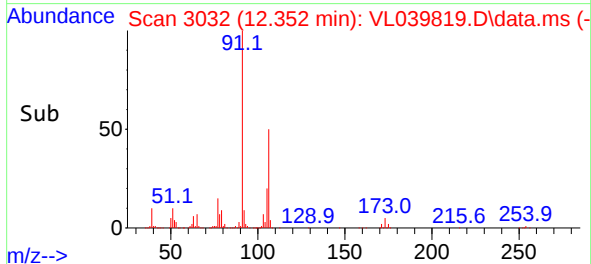
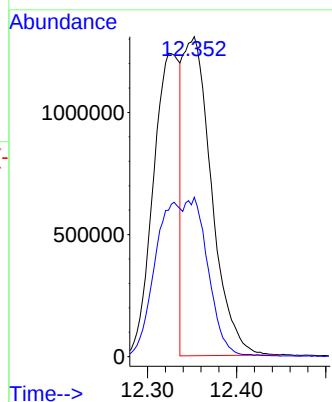
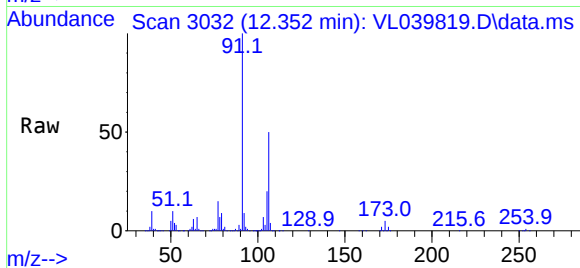
VSTDCCC010

Tgt Ion: 91 Resp: 2903862

Ion Ratio Lower Upper

91 100

106 88.2 37.6 56.4#



#60

o-Xylene

Concen: 6.819 ppbv

RT: 13.037 min Scan# 3245

Delta R.T. -0.006 min

Lab File: VL039819.D

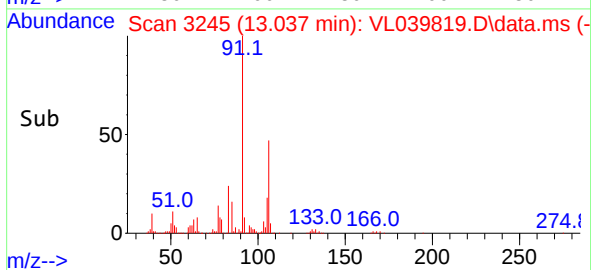
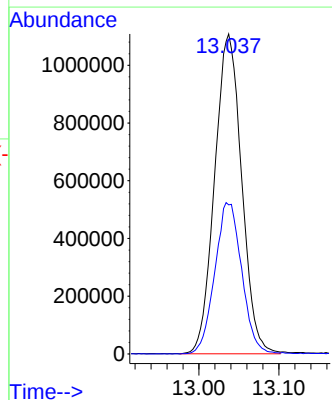
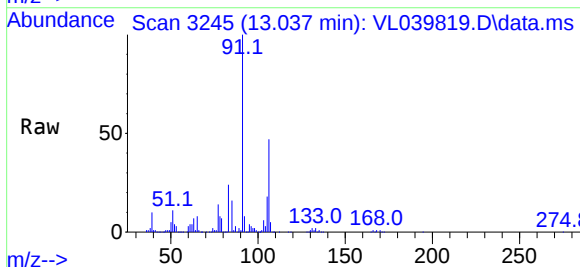
Acq: 3 Nov 2022 10:19

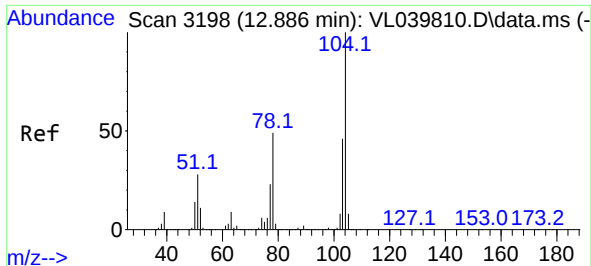
Tgt Ion: 91 Resp: 2592956

Ion Ratio Lower Upper

91 100

106 47.4 23.6 70.8

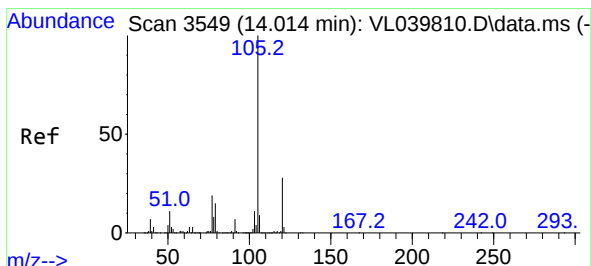
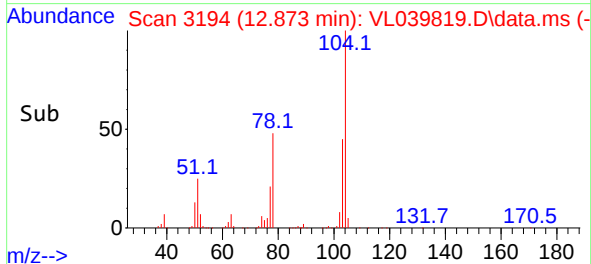
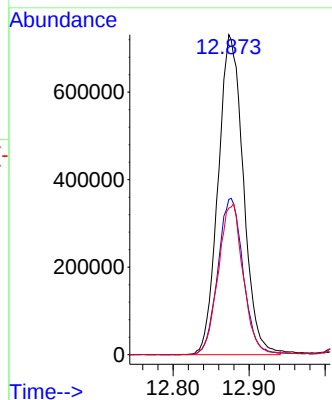
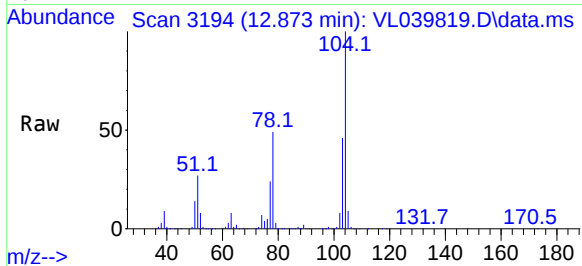




#61
Styrene
Concen: 7.171 ppbv
RT: 12.873 min Scan# 3194
Delta R.T. -0.013 min
Lab File: VL039819.D
Acq: 3 Nov 2022 10:19

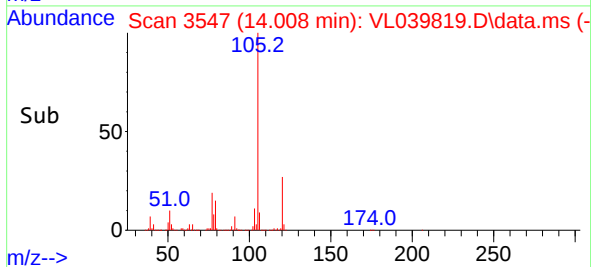
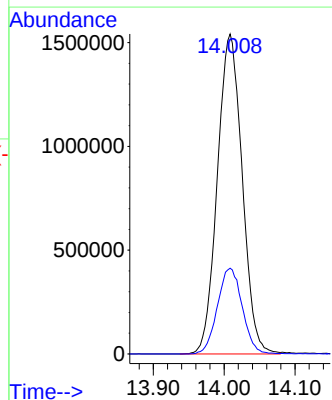
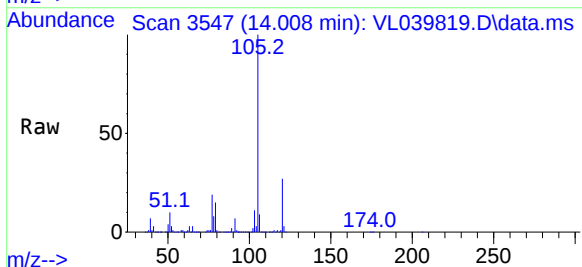
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

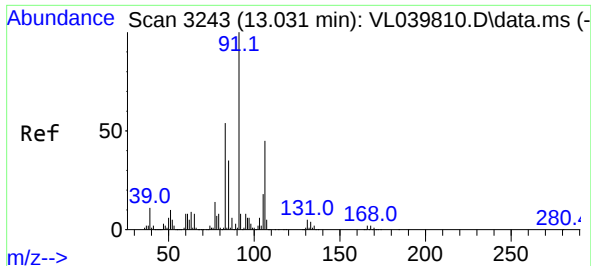
Tgt Ion:104 Resp: 1678007
Ion Ratio Lower Upper
104 100
78 49.6 40.2 60.2
103 47.0 37.5 56.3



#62
Isopropylbenzene
Concen: 6.762 ppbv
RT: 14.008 min Scan# 3547
Delta R.T. -0.006 min
Lab File: VL039819.D
Acq: 3 Nov 2022 10:19

Tgt Ion:105 Resp: 3751017
Ion Ratio Lower Upper
105 100
120 26.9 21.7 32.5





#63

1,1,2,2-Tetrachloroethane

Concen: 6.329 ppbv

RT: 13.021 min Scan# 31

Delta R.T. -0.009 min

Lab File: VL039819.D

Acq: 3 Nov 2022 10:19

Instrument :

MSVOA_1

ClientSampleId :

VSTDCCC010

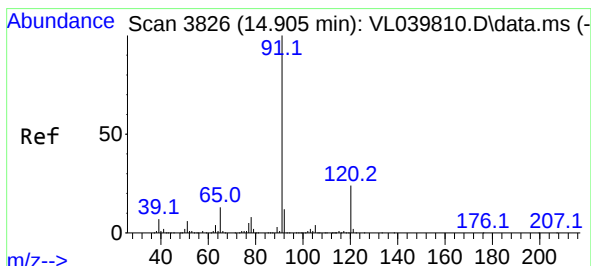
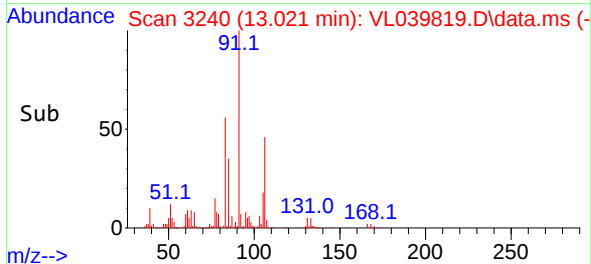
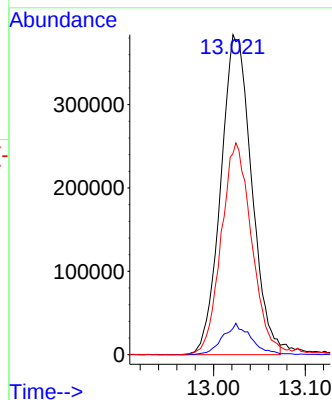
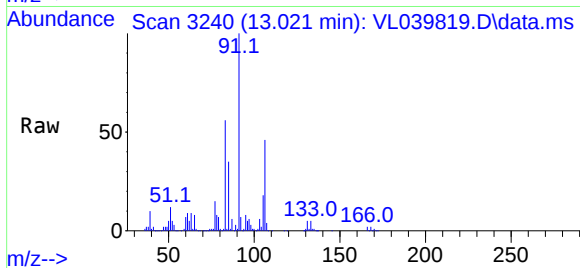
Tgt Ion: 83 Resp: 896219

Ion Ratio Lower Upper

83 100

131 9.1 4.6 13.8

85 66.9 33.3 99.9



#64

n-propylbenzene

Concen: 6.762 ppbv

RT: 14.896 min Scan# 3823

Delta R.T. -0.009 min

Lab File: VL039819.D

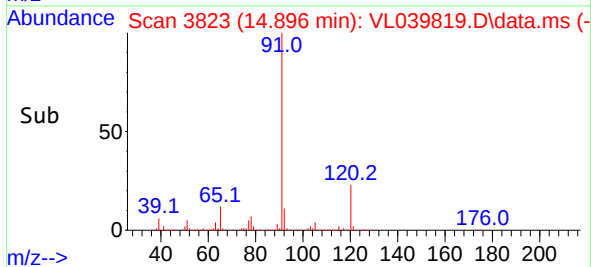
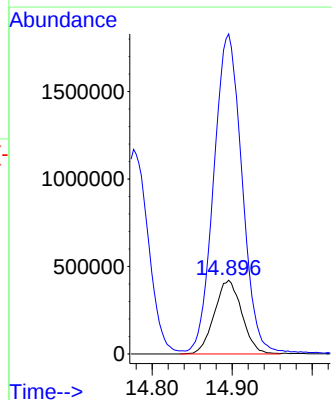
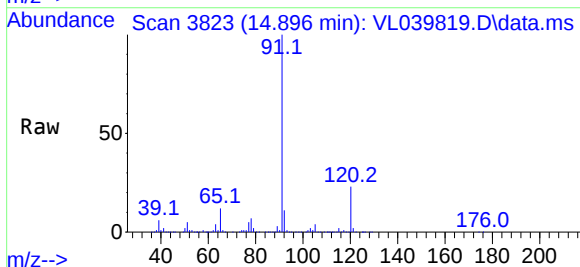
Acq: 3 Nov 2022 10:19

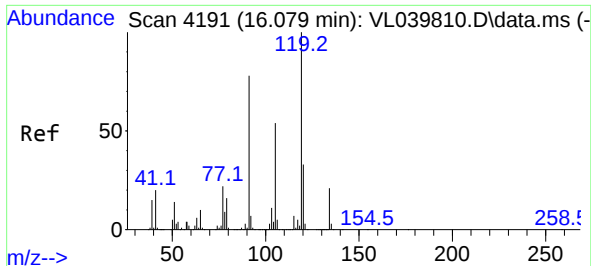
Tgt Ion:120 Resp: 1003328

Ion Ratio Lower Upper

120 100

91 450.2 354.9 532.3

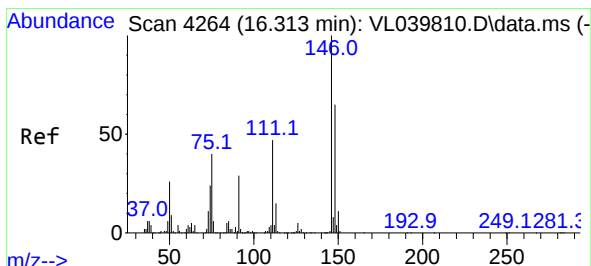
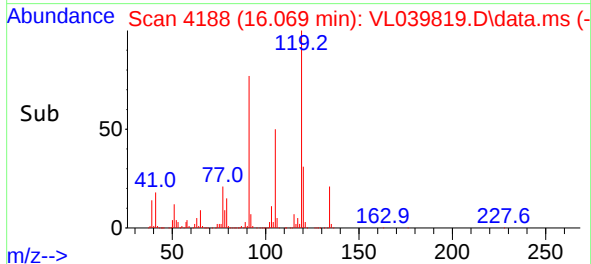
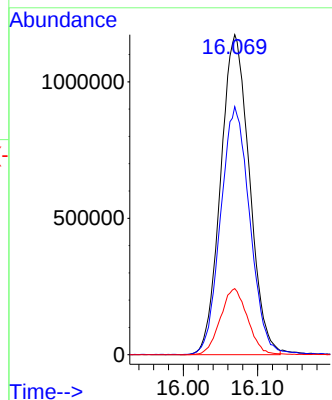
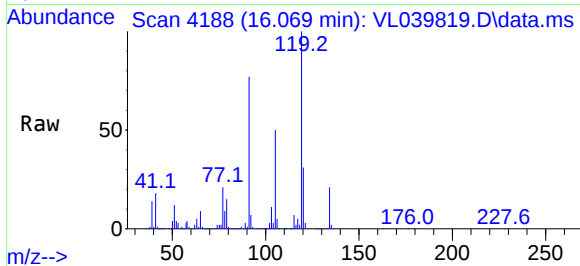




#65
tert-Butylbenzene
Concen: 6.480 ppbv
RT: 16.069 min Scan# 4191
Delta R.T. -0.009 min
Lab File: VL039819.D
Acq: 3 Nov 2022 10:19

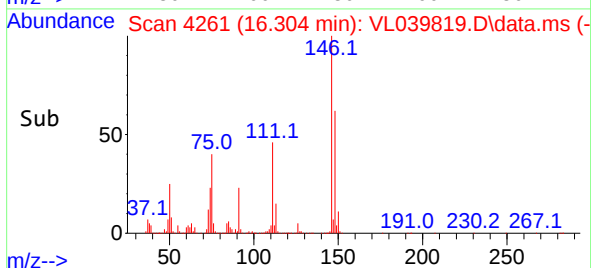
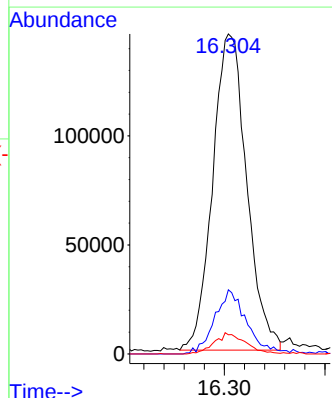
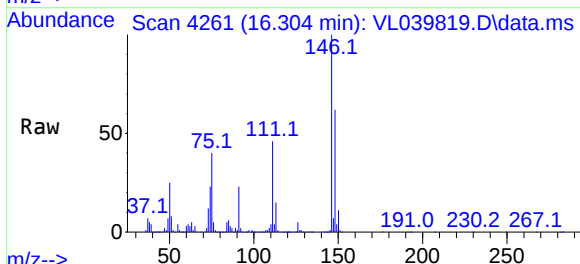
Instrument :
MSVOA_1
ClientSampleId :
VSTDCCC010

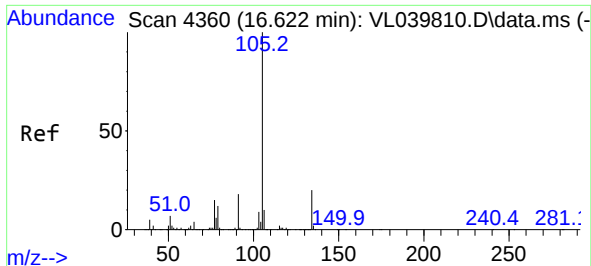
Tgt Ion:119 Resp: 3156025
Ion Ratio Lower Upper
119 100
91 78.8 63.7 95.5
134 19.6 16.2 24.4



#66
Benzyl Chloride
Concen: 6.020 ppbv
RT: 16.304 min Scan# 4261
Delta R.T. -0.009 min
Lab File: VL039819.D
Acq: 3 Nov 2022 10:19

Tgt Ion: 91 Resp: 340898
Ion Ratio Lower Upper
91 100
126 19.4 15.6 23.4
128 6.3 4.9 7.3

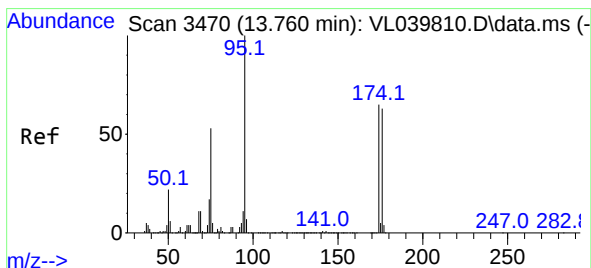
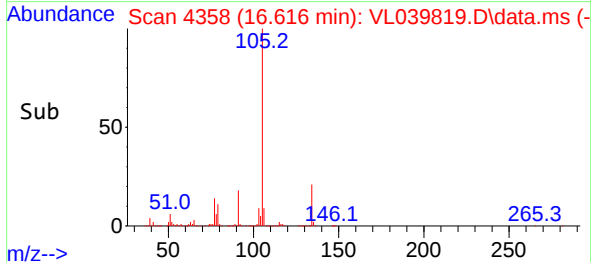
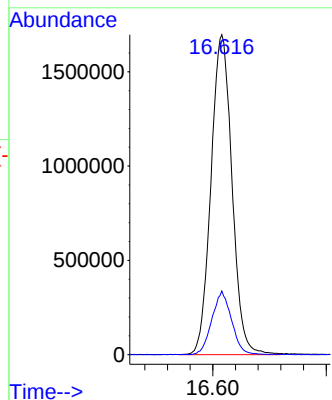
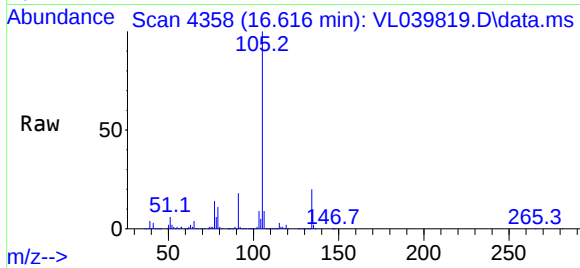




#67
 sec-Butylbenzene
 Concen: 6.594 ppbv
 RT: 16.616 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: VL039819.D
 Acq: 3 Nov 2022 10:19

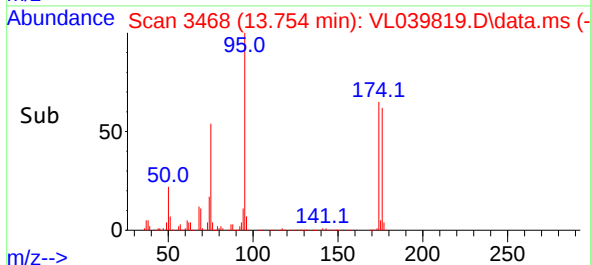
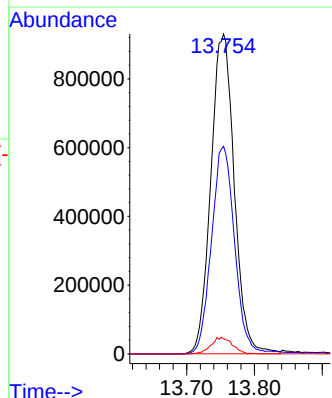
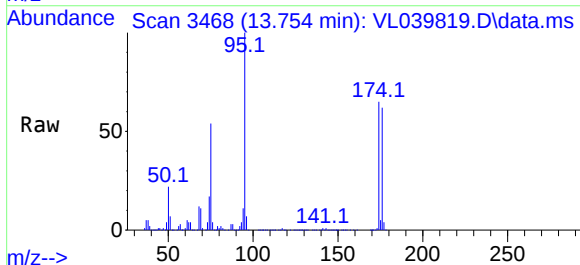
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDCCC010

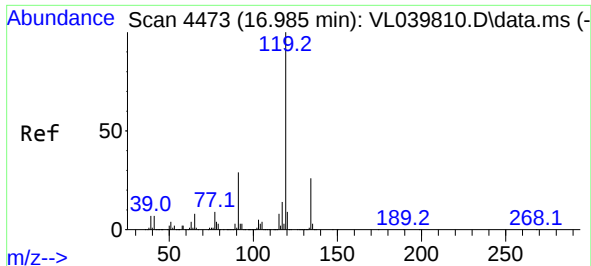
Tgt Ion:105 Resp: 4371913
 Ion Ratio Lower Upper
 105 100
 134 18.6 15.1 22.7



#68
 1-Bromo-4-Fluorobenzene
 Concen: 8.389 ppbv
 RT: 13.754 min Scan# 3468
 Delta R.T. -0.006 min
 Lab File: VL039819.D
 Acq: 3 Nov 2022 10:19

Tgt Ion: 95 Resp: 2232829
 Ion Ratio Lower Upper
 95 100
 174 64.5 53.4 80.0
 175 4.8 4.1 6.1

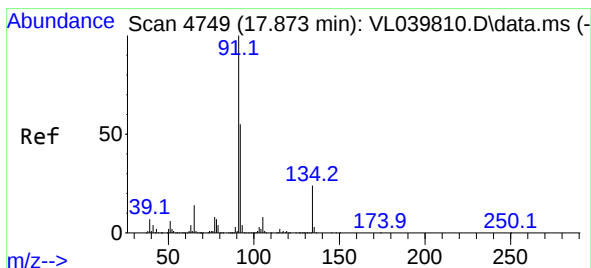
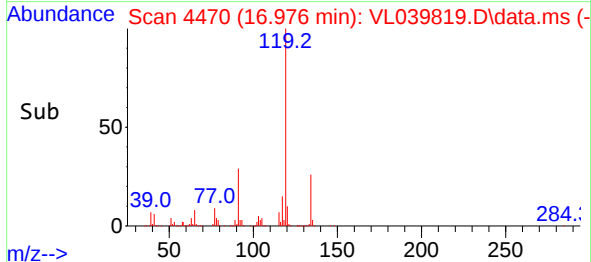
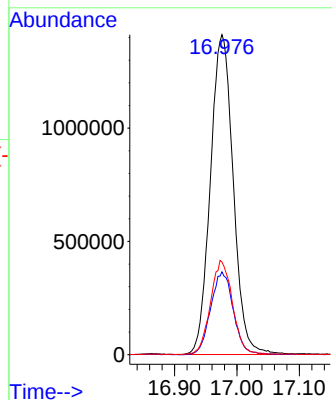
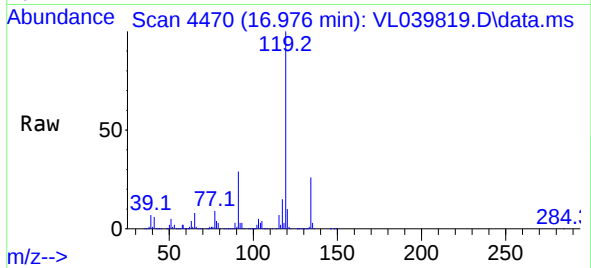




#69
p-Isopropyltoluene
Concen: 6.530 ppbv
RT: 16.976 min Scan# 4473
Delta R.T. -0.009 min
Lab File: VL039819.D
Acq: 3 Nov 2022 10:19

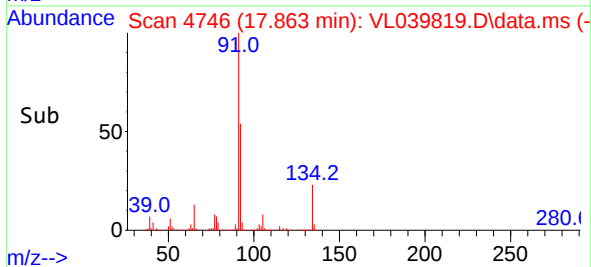
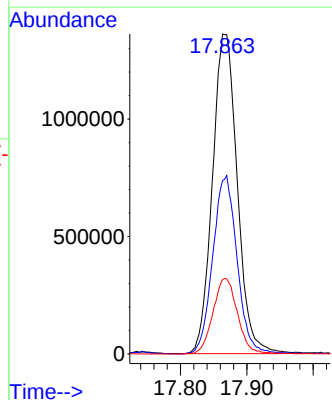
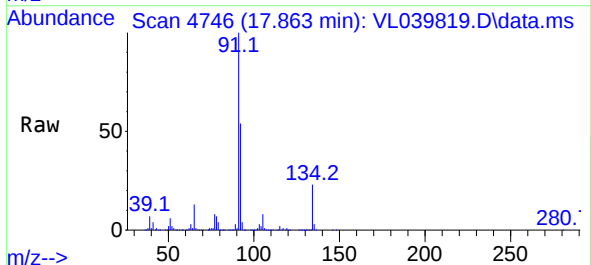
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

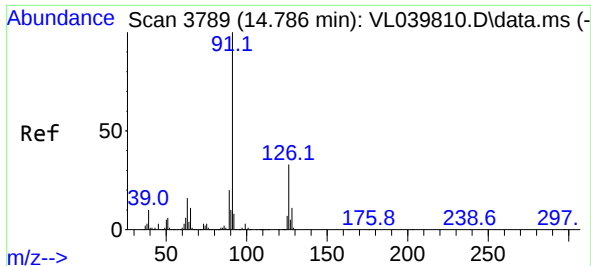
Tgt Ion:119 Resp: 3591112
Ion Ratio Lower Upper
119 100
134 25.8 21.0 31.6
91 28.4 22.8 34.2



#70
n-Butylbenzene
Concen: 6.656 ppbv
RT: 17.863 min Scan# 4746
Delta R.T. -0.009 min
Lab File: VL039819.D
Acq: 3 Nov 2022 10:19

Tgt Ion: 91 Resp: 3538674
Ion Ratio Lower Upper
91 100
92 54.5 44.1 66.1
134 23.3 19.0 28.6

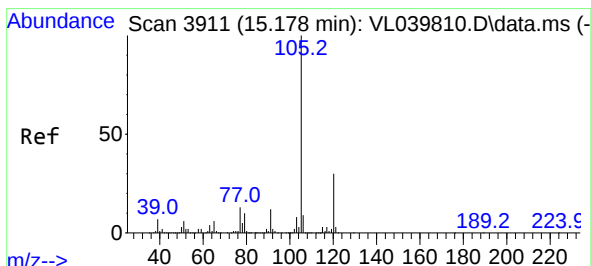
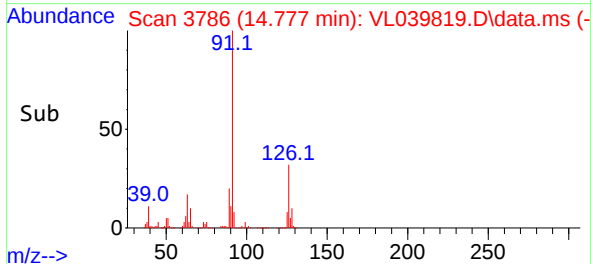
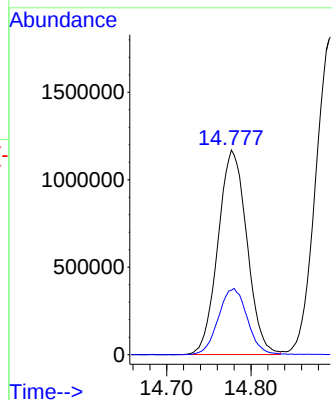
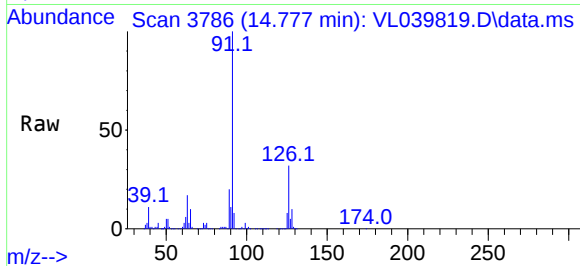




#71
2-Chlorotoluene
Concen: 6.678 ppbv
RT: 14.777 min Scan# 31
Delta R.T. -0.009 min
Lab File: VL039819.D
Acq: 3 Nov 2022 10:19

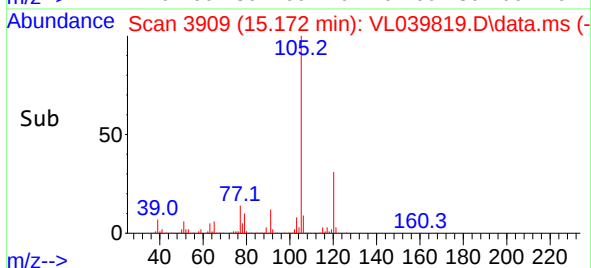
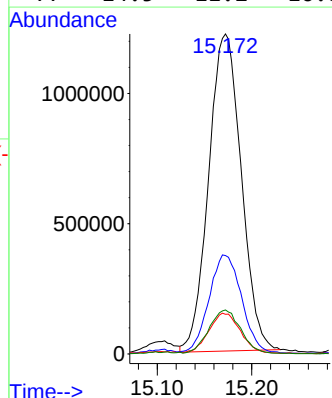
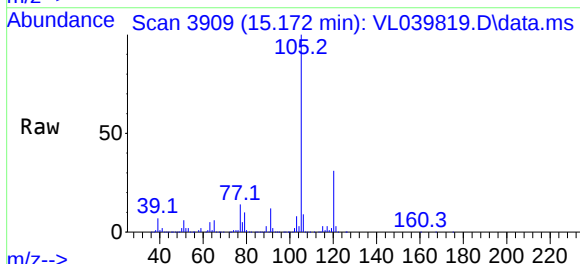
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

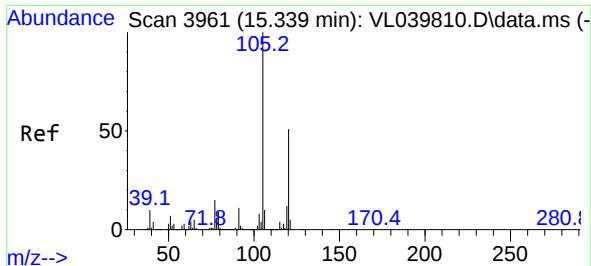
Tgt Ion: 91 Resp: 2783288
Ion Ratio Lower Upper
91 100
126 32.6 12.9 51.5



#72
4-Ethyltoluene
Concen: 6.807 ppbv
RT: 15.172 min Scan# 3909
Delta R.T. -0.006 min
Lab File: VL039819.D
Acq: 3 Nov 2022 10:19

Tgt Ion:105 Resp: 2914751
Ion Ratio Lower Upper
105 100
120 31.9 26.0 39.0
91 12.7 10.5 15.7
77 14.5 11.2 16.8

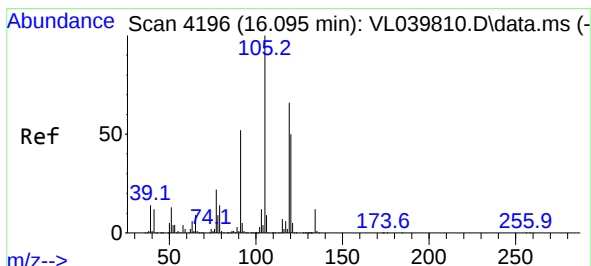
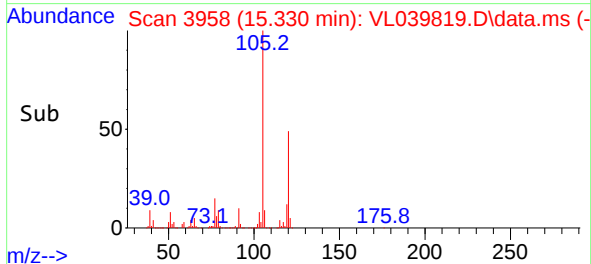
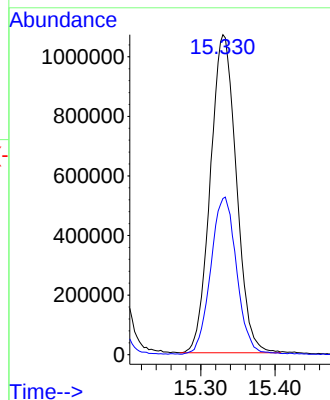
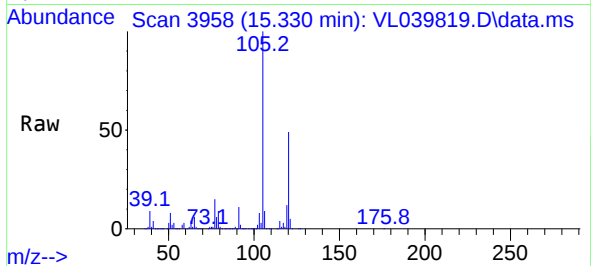




#73
1,3,5-Trimethylbenzene
Concen: 6.833 ppbv
RT: 15.330 min Scan# 3961
Delta R.T. -0.009 min
Lab File: VL039819.D
Acq: 3 Nov 2022 10:19

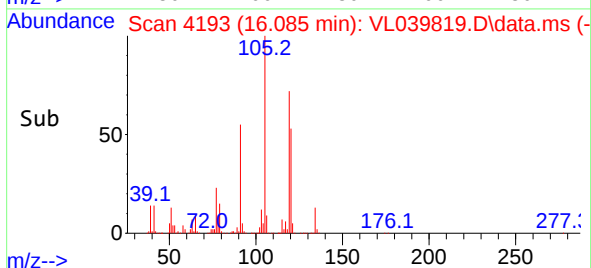
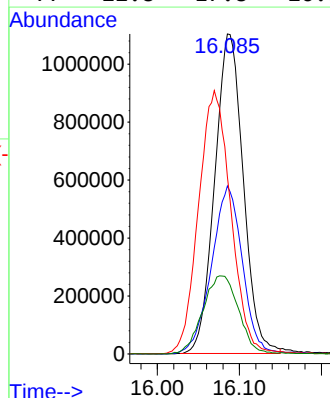
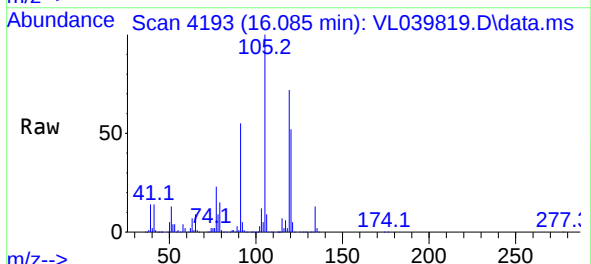
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

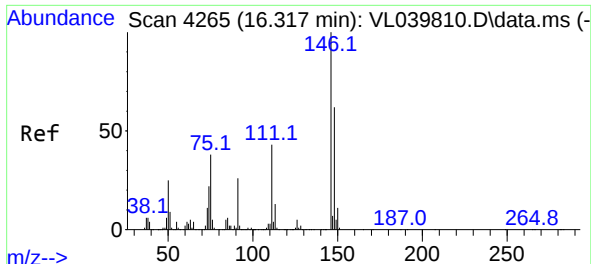
Tgt Ion:105 Resp: 2593790
Ion Ratio Lower Upper
105 100
120 49.0 41.0 61.4



#74
1,2,4-Trimethylbenzene
Concen: 6.621 ppbv
RT: 16.085 min Scan# 4193
Delta R.T. -0.009 min
Lab File: VL039819.D
Acq: 3 Nov 2022 10:19

Tgt Ion:105 Resp: 2670213
Ion Ratio Lower Upper
105 100
120 51.9 40.2 60.4
91 54.7 42.6 64.0
77 22.8 17.8 26.8

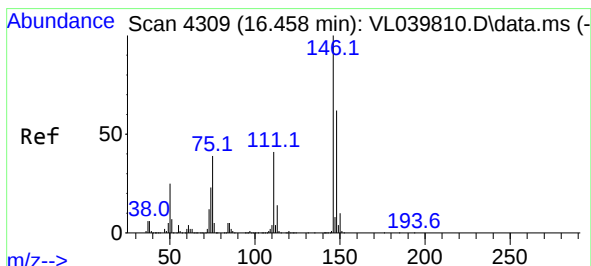
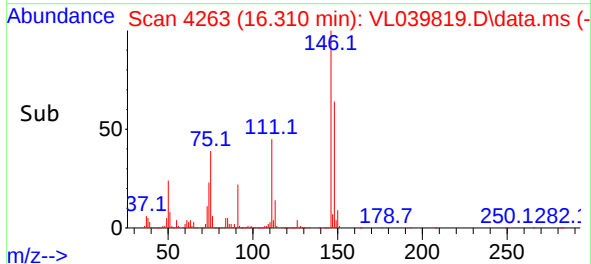
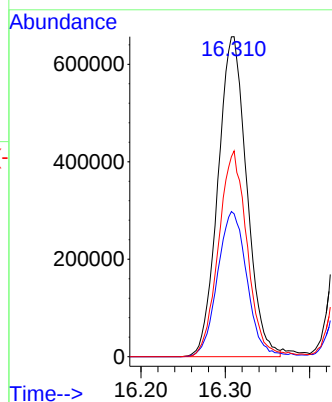
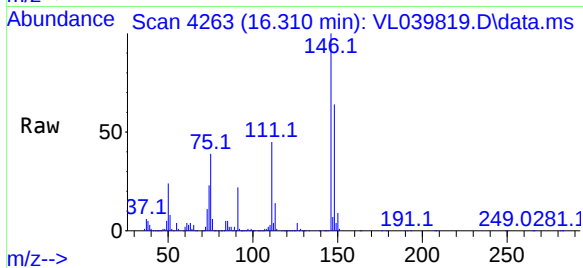




#75
1,3-Dichlorobenzene
Concen: 6.613 ppbv
RT: 16.310 min Scan# 41
Delta R.T. -0.006 min
Lab File: VL039819.D
Acq: 3 Nov 2022 10:19

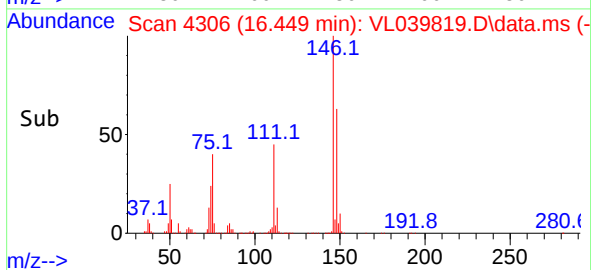
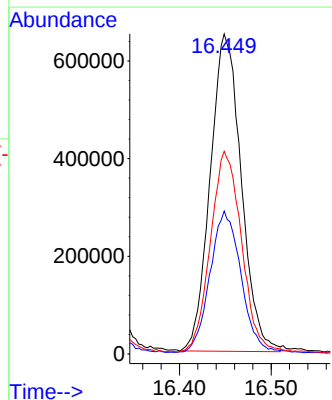
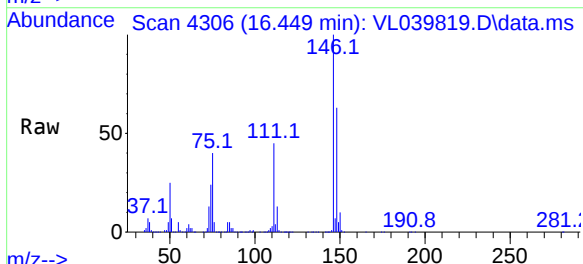
Instrument :
MSVOA_1
ClientSampleId :
VSTDCCC010

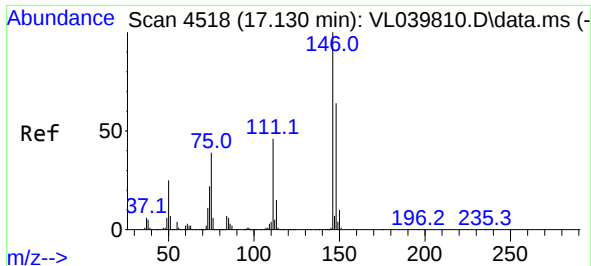
Tgt Ion:146 Resp: 1557297
Ion Ratio Lower Upper
146 100
111 46.6 22.9 68.8
148 64.1 32.3 96.9



#76
1,4-Dichlorobenzene
Concen: 6.602 ppbv
RT: 16.449 min Scan# 4306
Delta R.T. -0.009 min
Lab File: VL039819.D
Acq: 3 Nov 2022 10:19

Tgt Ion:146 Resp: 1525561
Ion Ratio Lower Upper
146 100
111 45.8 22.7 68.1
148 65.6 33.1 99.3

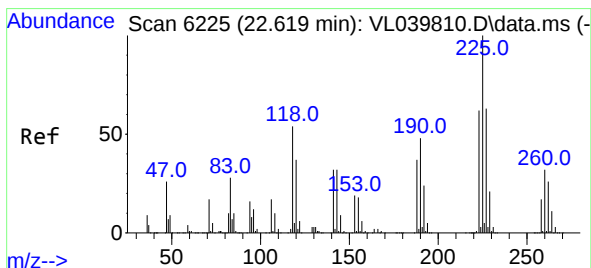
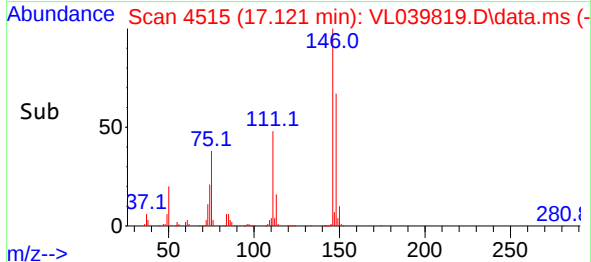
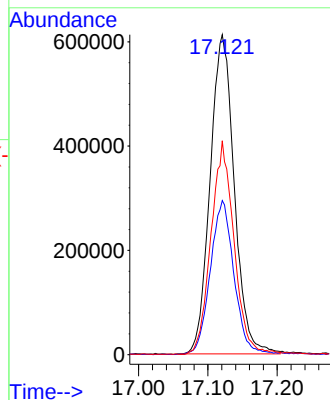
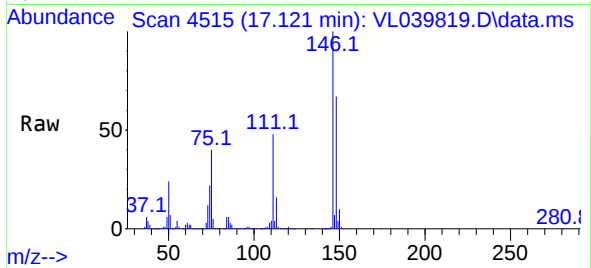




#77
1,2-Dichlorobenzene
Concen: 6.680 ppbv
RT: 17.121 min Scan# 4518
Delta R.T. -0.009 min
Lab File: VL039819.D
Acq: 3 Nov 2022 10:19

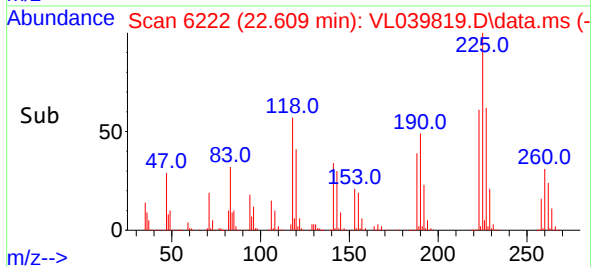
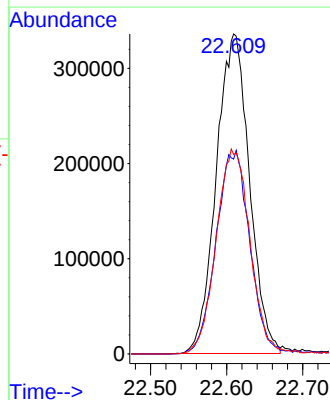
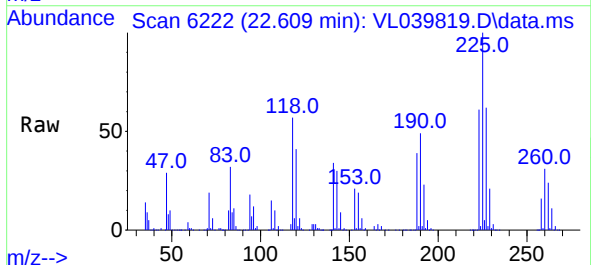
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

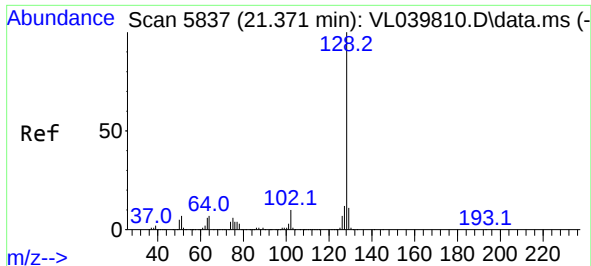
Tgt Ion:146 Resp: 1482740
Ion Ratio Lower Upper
146 100
111 48.1 23.9 71.8
148 64.3 32.4 97.2



#78
Hexachloro-1,3-Butadiene
Concen: 6.191 ppbv
RT: 22.609 min Scan# 6222
Delta R.T. -0.009 min
Lab File: VL039819.D
Acq: 3 Nov 2022 10:19

Tgt Ion:225 Resp: 1018242
Ion Ratio Lower Upper
225 100
223 65.1 50.6 75.8
227 65.6 51.6 77.4



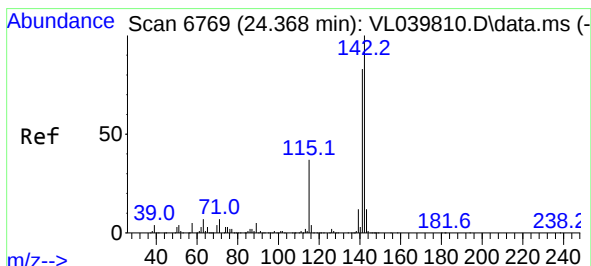
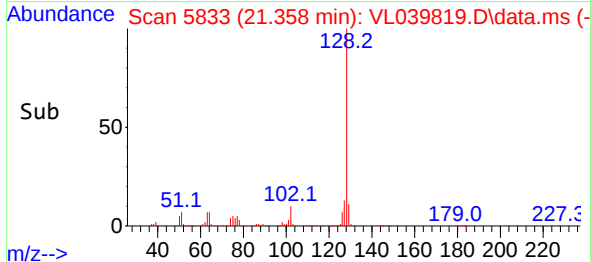
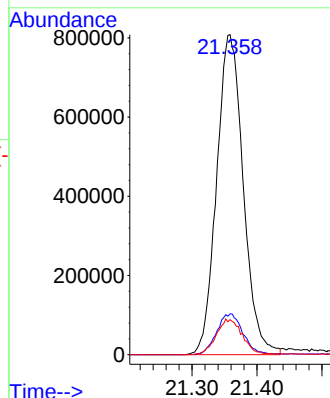
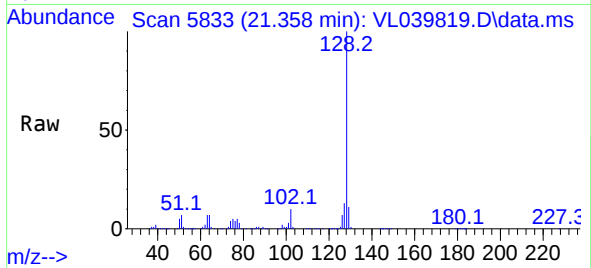


#79
Naphthalene
Concen: 7.841 ppbv
RT: 21.358 min Scan# 5833
Delta R.T. -0.013 min
Lab File: VL039819.D
Acq: 3 Nov 2022 10:19

Instrument :
MSVOA_1
ClientSampleId :
VSTDCCC010

Tgt Ion:128 Resp: 2299072

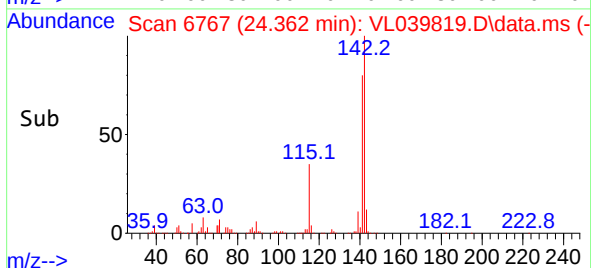
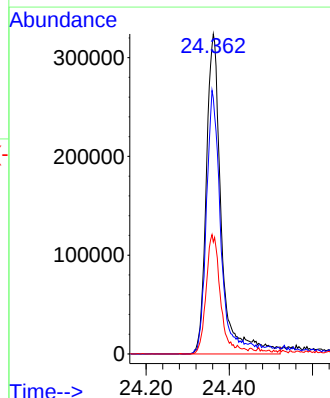
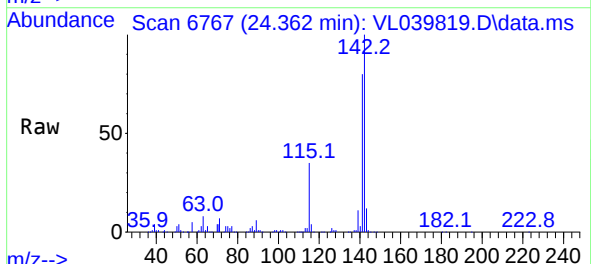
Ion	Ratio	Lower	Upper
128	100		
127	12.7	9.8	14.6
129	10.9	8.6	13.0

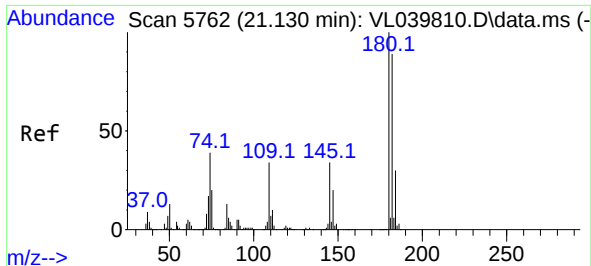


#80
Naphthalene,2-methyl-
Concen: 6.547 ppbv
RT: 24.362 min Scan# 6767
Delta R.T. -0.006 min
Lab File: VL039819.D
Acq: 3 Nov 2022 10:19

Tgt Ion:142 Resp: 813849

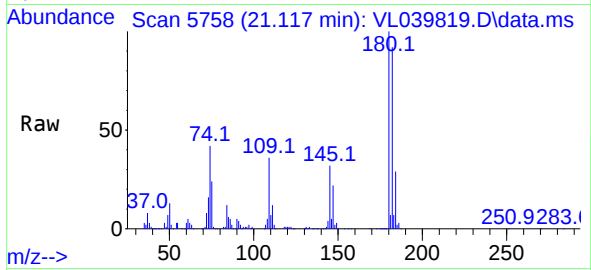
Ion	Ratio	Lower	Upper
142	100		
141	81.4	65.1	97.7
115	36.9	29.1	43.7





#81
 1,2,4-Trichlorobenzene
 Concen: 7.178 ppbv
 RT: 21.117 min Scan# 51
 Delta R.T. -0.013 min
 Lab File: VL039819.D
 Acq: 3 Nov 2022 10:19

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



Tgt Ion:180 Resp: 1177199

Ion	Ratio	Lower	Upper
180	100		
182	97.4	78.1	117.1
184	30.8	24.5	36.7

