

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL111822\
 Data File : VL039898.D
 Acq On : 18 Nov 2022 10:04
 Operator : SY/AP
 Sample : VSTDIC001
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC001

Quant Time: Nov 19 04:50:29 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL111822AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri Nov 18 14:05:14 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.176	49	1264089	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.639	114	3877471	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.458	117	3619963	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.777	95	2753157	9.957	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.710	85	198450	1.096	ppbv	96
3) Chlorodifluoromethane	2.655	51	183052	1.049	ppbv	98
4) Chloromethane	2.793	50	115326	1.035	ppbv	94
5) Vinyl Chloride	2.899	62	90347	1.037	ppbv	97
6) Bromomethane	3.099	94	30229	1.017	ppbv	85
7) Chloroethane	3.179	64	33941	0.986	ppbv	99
8) Dichlorotetrafluoroethane	2.835	85	218128	1.055	ppbv	97
9) Propene	2.674	41	85769	1.044	ppbv	98
10) Heptane	7.568	43	209295	1.056	ppbv	98
11) Trichlorofluoromethane	3.546	101	228396	1.034	ppbv	100
12) 1,1,2-Trichlorotrifluo...	4.050	101	173781	1.040	ppbv	99
13) Ethanol	3.237	45	3152	0.502	ppbv #	49
14) Bromoethene	3.346	108	62176	0.954	ppbv	88
15) Acetone	3.459	43	183670	1.095	ppbv	100
16) 1,3-Butadiene	2.967	39	83374	0.998	ppbv	90
17) tert-Butyl alcohol	3.870	59	205565	1.066	ppbv	98
18) 1,1-Dichloroethene	3.861	96	75895	0.995	ppbv	96
19) Isopropyl Alcohol	3.574	45	90284	0.995	ppbv #	36
20) Methylene Chloride	3.915	84	95168	1.172	ppbv	92
21) Allyl Chloride	3.980	41	115920	0.997	ppbv	95
22) trans-1,2-Dichloroethene	4.430	96	75639	0.976	ppbv	89
23) Vinyl Acetate	4.610	43	66352	0.963	ppbv #	97
24) 1,1-Dichloroethane	4.545	63	167353	1.008	ppbv	96
25) Ethyl Acetate	5.195	43	323207	1.050	ppbv	98
26) Hexane	5.198	57	140257	1.043	ppbv	94
27) Carbon Disulfide	4.108	76	151576	0.893	ppbv #	85
28) Methyl tert-Butyl Ether	4.578	73	175092	1.040	ppbv	100
29) Chloroform	5.256	83	188863	1.057	ppbv	93
30) Cyclohexane	6.590	84	132352	1.003	ppbv	93
31) cis-1,2-Dichloroethene	5.063	61	121377	0.977	ppbv	96
32) 1,1,1-Trichloroethane	5.989	97	223654	1.002	ppbv	95
34) 2-Butanone	4.783	43	174623	0.941	ppbv	94
35) Carbon Tetrachloride	6.481	117	221153	1.004	ppbv	98
36) Benzene	6.356	78	340911	1.034	ppbv	94
37) 1,2-Dichloroethane	5.790	62	178150	0.986	ppbv	97
38) Trichloroethene	7.282	130	189372	1.028	ppbv	98
39) 1,2-Dichloropropane	7.060	63	129316	1.007	ppbv	95
40) 1,4-Dioxane	7.295	88	14609	0.286	ppbv #	1
41) Tetrahydrofuran	5.562	42	127753	0.997	ppbv	98
42) Bromodichloromethane	7.237	83	236310	0.965	ppbv	98
43) Methyl Methacrylate	7.465	69	127029	0.983	ppbv	99
44) 2,2,4-Trimethylpentane	7.314	57	563140	1.024	ppbv	98
45) t-1,3-Dichloropropene	8.703	75	101727	0.852	ppbv	95

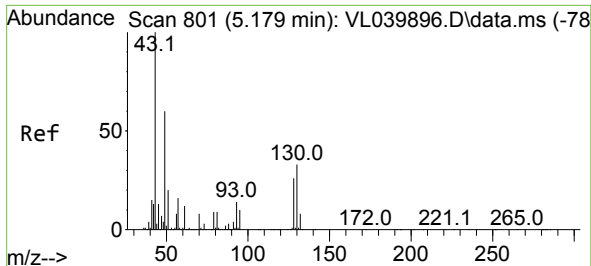
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL111822\
 Data File : VL039898.D
 Acq On : 18 Nov 2022 10:04
 Operator : SY/AP
 Sample : VSTDICC001
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC001

Quant Time: Nov 19 04:50:29 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL111822AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri Nov 18 14:05:14 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.134	75	153271	0.927	ppbv	97
47) 1,1,2-Trichloroethane	8.880	97	47428	0.359	ppbv	95
48) Dibromochloromethane	9.706	129	177653	0.919	ppbv	98
49) Bromoform	12.404	173	134160	0.857	ppbv	99
50) 4-Methyl-2-Pentanone	8.185	43	331627	0.998	ppbv	100
51) 2-Hexanone	9.565	43	247614	0.960	ppbv #	99
52) Tetrachloroethene	10.610	164	123206	0.999	ppbv	95
53) Toluene	9.208	91	387454	1.032	ppbv	99
54) 1,2-Dibromoethane	10.002	107	143459	1.019	ppbv	88
56) 1,1,1,2-Tetrachloroethane	11.503	131	142740	0.965	ppbv #	1
57) Chlorobenzene	11.519	112	289037	1.044	ppbv	96
58) Ethyl Benzene	12.082	91	515690	1.050	ppbv	95
59) m/p-Xylene	12.365	91	115777	0.282	ppbv #	1
60) o-Xylene	13.053	91	417092	1.064	ppbv	99
61) Styrene	12.896	104	235356	1.006	ppbv	98
62) Isopropylbenzene	14.031	105	589027	1.042	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.044	83	100207	0.766	ppbv	75
64) n-propylbenzene	14.921	120	152717	1.033	ppbv	88
65) tert-Butylbenzene	16.095	119	312142	0.631	ppbv #	42
66) Benzyl Chloride	16.342	91	4843	0.114	ppbv #	1
67) sec-Butylbenzene	16.645	105	724390	1.065	ppbv	97
69) p-Isopropyltoluene	17.002	119	589311	1.052	ppbv	99
70) n-Butylbenzene	17.895	91	572010	1.030	ppbv	99
71) 2-Chlorotoluene	14.799	91	438197	1.023	ppbv	100
72) 4-Ethyltoluene	15.198	105	455201	1.033	ppbv	98
73) 1,3,5-Trimethylbenzene	15.355	105	403479	1.000	ppbv	99
74) 1,2,4-Trimethylbenzene	16.114	105	453555	1.062	ppbv	97
75) 1,3-Dichlorobenzene	16.339	146	246369	1.025	ppbv	99
76) 1,4-Dichlorobenzene	16.481	146	238694	1.002	ppbv	99
77) 1,2-Dichlorobenzene	17.153	146	230135	0.994	ppbv	95
78) Hexachloro-1,3-Butadiene	22.654	225	172579	1.074	ppbv	96
79) Naphthalene	21.400	128	260634	1.020	ppbv	98
80) Naphthalene,2-methyl-	24.394	142	60403	0.840	ppbv	95
81) 1,2,4-Trichlorobenzene	21.149	180	61883	0.392	ppbv #	12

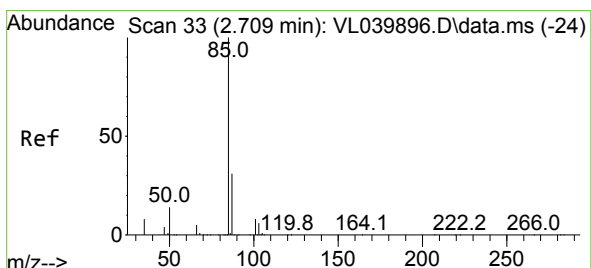
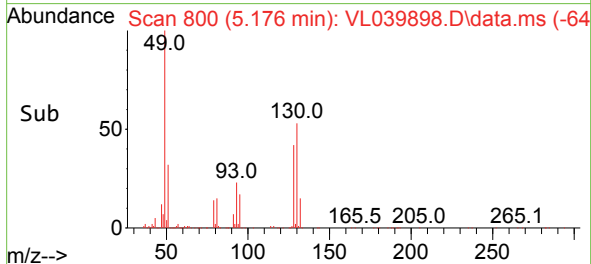
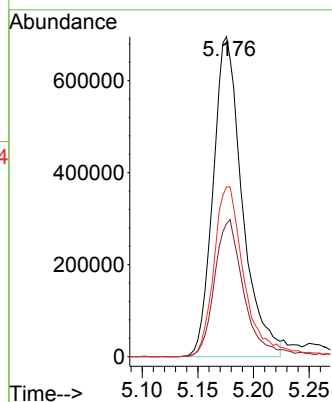
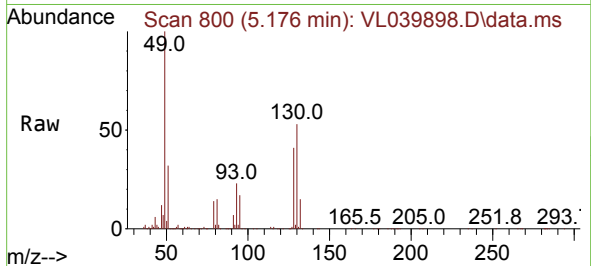
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.176 min Scan# 80
 Delta R.T. -0.003 min
 Lab File: VL039898.D
 Acq: 18 Nov 2022 10:04

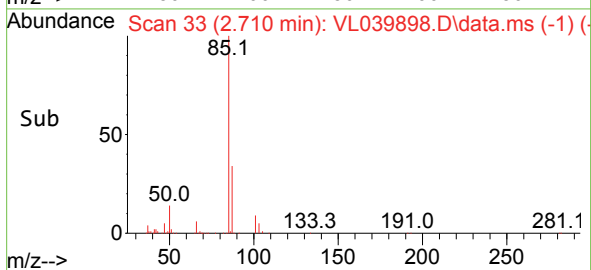
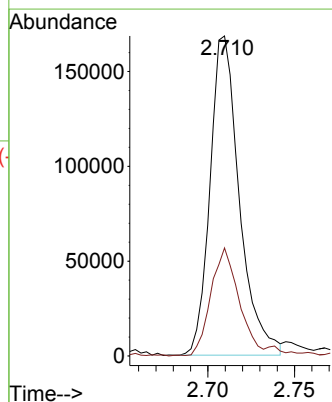
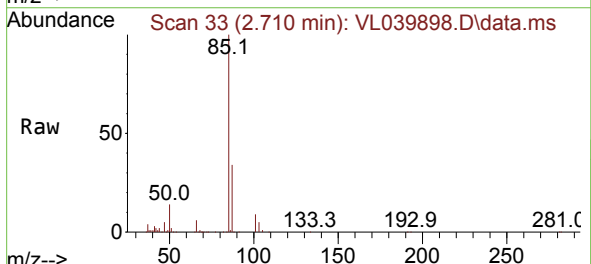
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC001

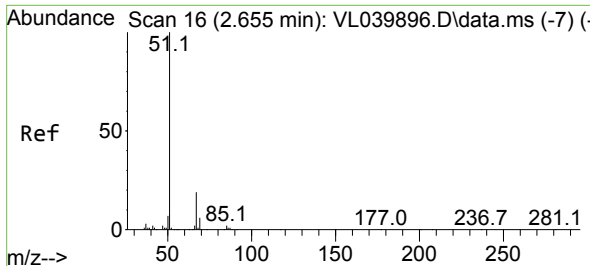
Tgt Ion: 49 Resp: 1264089
 Ion Ratio Lower Upper
 49 100
 128 44.9 22.1 66.3
 130 57.2 27.7 83.1



#2
 Dichlorodifluoromethane
 Concen: 1.096 ppbv
 RT: 2.710 min Scan# 33
 Delta R.T. 0.000 min
 Lab File: VL039898.D
 Acq: 18 Nov 2022 10:04

Tgt Ion: 85 Resp: 198450
 Ion Ratio Lower Upper
 85 100
 87 33.6 25.0 37.4

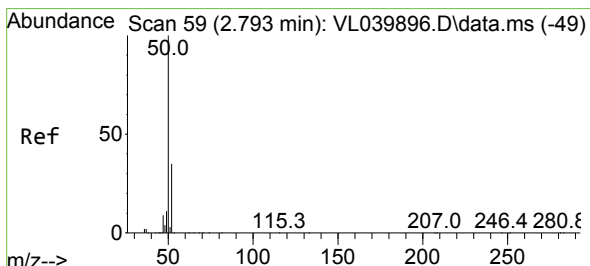
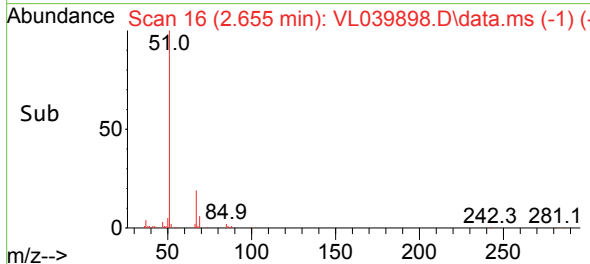
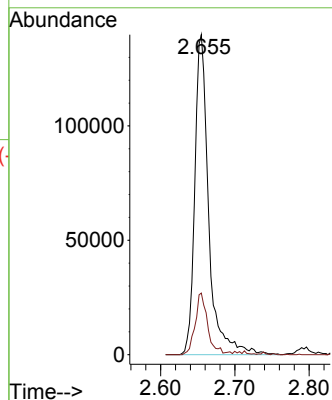
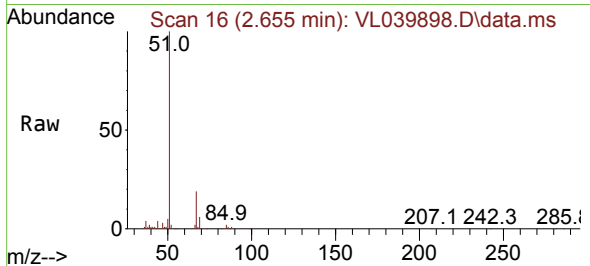




#3
Chlorodifluoromethane
Concen: 1.049 ppbv
RT: 2.655 min Scan# 16
Delta R.T. 0.000 min
Lab File: VL039898.D
Acq: 18 Nov 2022 10:04

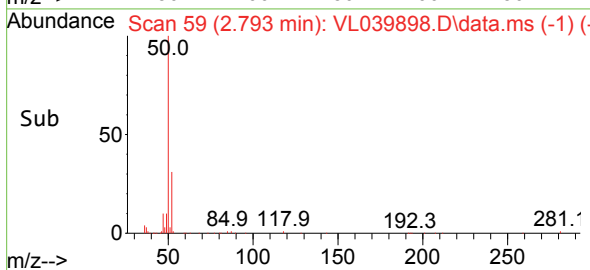
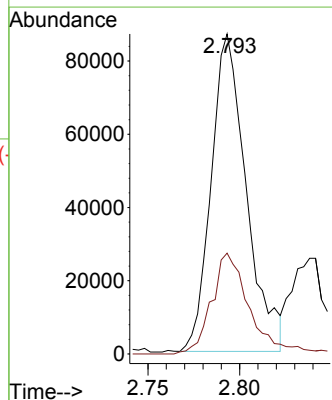
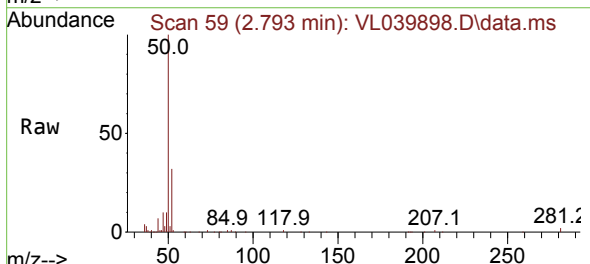
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

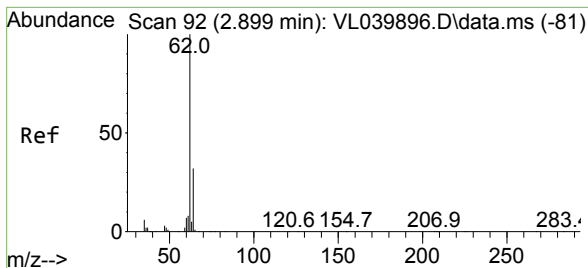
Tgt Ion: 51 Resp: 183052
Ion Ratio Lower Upper
51 100
67 18.7 14.2 21.4



#4
Chloromethane
Concen: 1.035 ppbv
RT: 2.793 min Scan# 59
Delta R.T. 0.000 min
Lab File: VL039898.D
Acq: 18 Nov 2022 10:04

Tgt Ion: 50 Resp: 115326
Ion Ratio Lower Upper
50 100
52 31.2 27.8 41.8

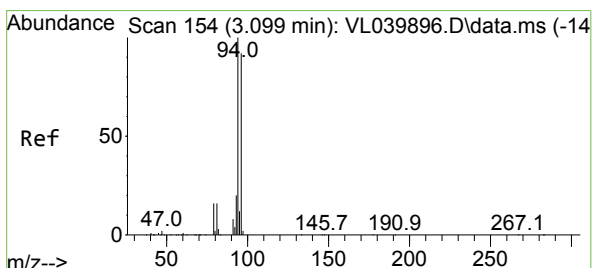
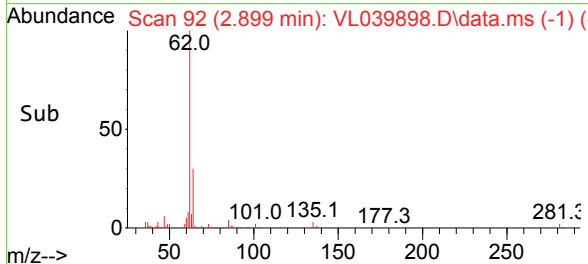
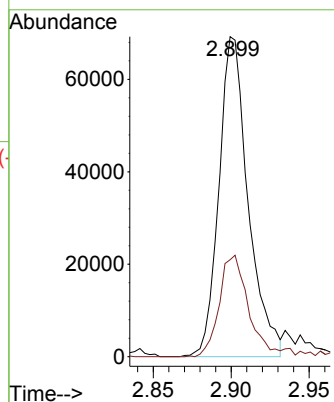
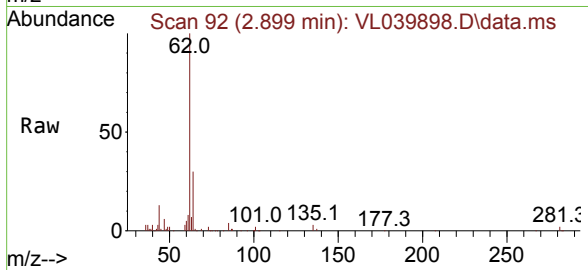




#5
 Vinyl Chloride
 Concen: 1.037 ppbv
 RT: 2.899 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VL039898.D
 Acq: 18 Nov 2022 10:04

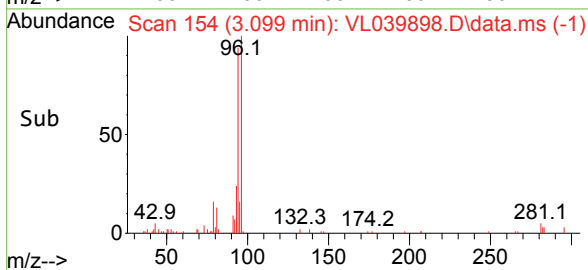
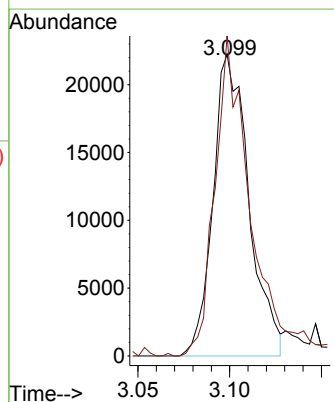
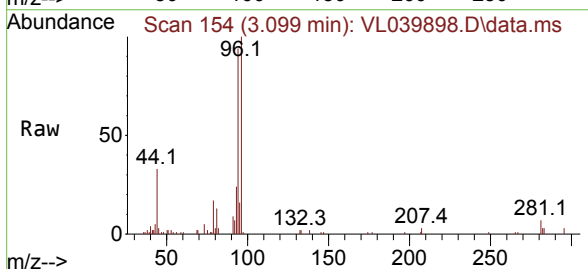
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDIC001

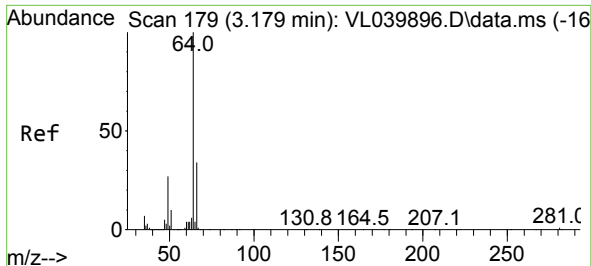
Tgt Ion: 62 Resp: 90347
 Ion Ratio Lower Upper
 62 100
 64 30.3 25.7 38.5



#6
 Bromomethane
 Concen: 1.017 ppbv
 RT: 3.099 min Scan# 154
 Delta R.T. 0.000 min
 Lab File: VL039898.D
 Acq: 18 Nov 2022 10:04

Tgt Ion: 94 Resp: 30229
 Ion Ratio Lower Upper
 94 100
 96 106.1 73.7 110.5

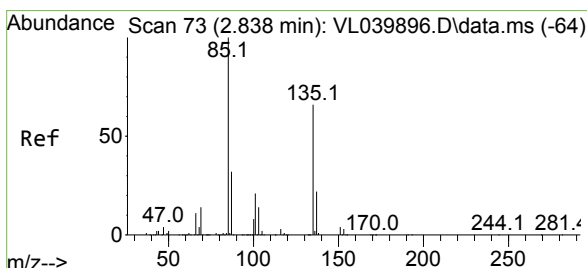
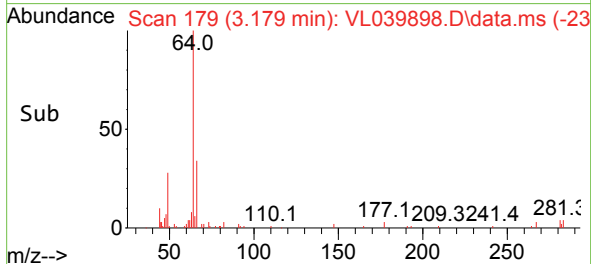
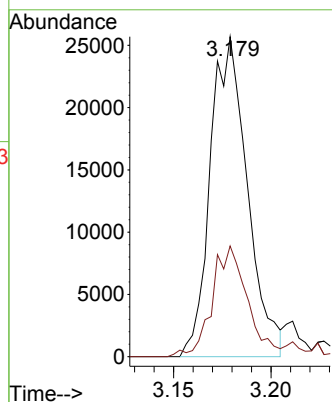
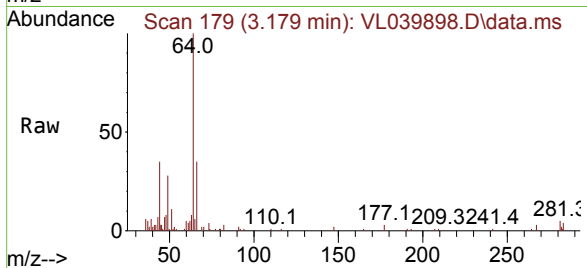




#7
Chloroethane
Concen: 0.986 ppbv
RT: 3.179 min Scan# 11
Delta R.T. 0.000 min
Lab File: VL039898.D
Acq: 18 Nov 2022 10:04

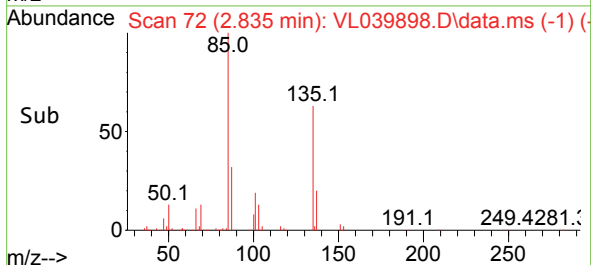
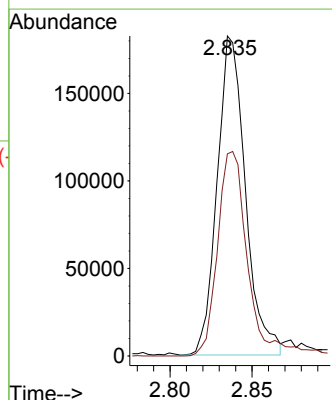
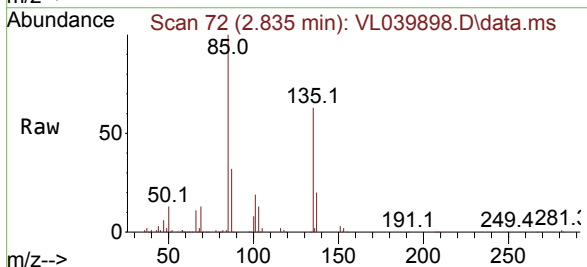
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

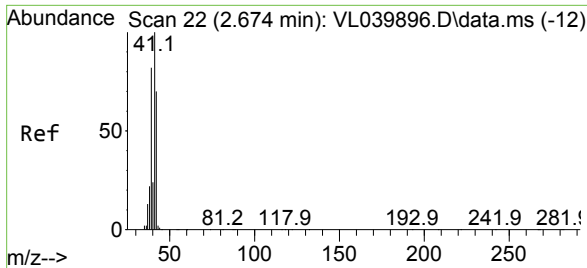
Tgt Ion: 64 Resp: 33941
Ion Ratio Lower Upper
64 100
66 34.6 27.3 40.9



#8
Dichlorotetrafluoroethane
Concen: 1.055 ppbv
RT: 2.835 min Scan# 72
Delta R.T. -0.003 min
Lab File: VL039898.D
Acq: 18 Nov 2022 10:04

Tgt Ion: 85 Resp: 218128
Ion Ratio Lower Upper
85 100
135 70.1 54.1 81.1

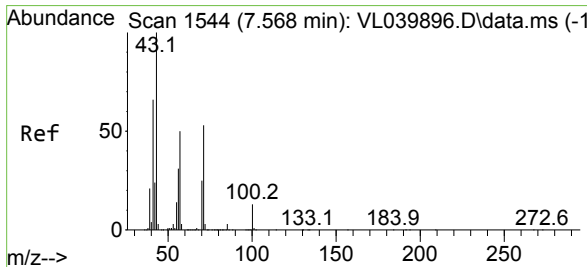
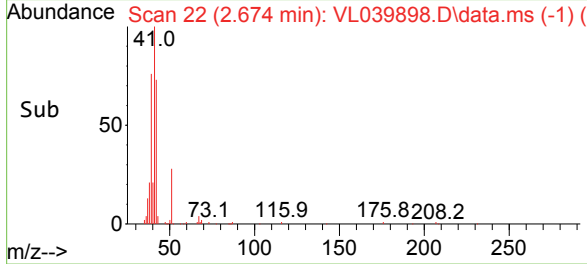
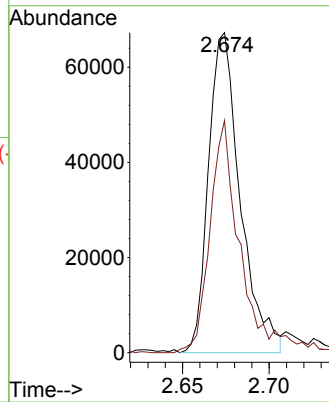
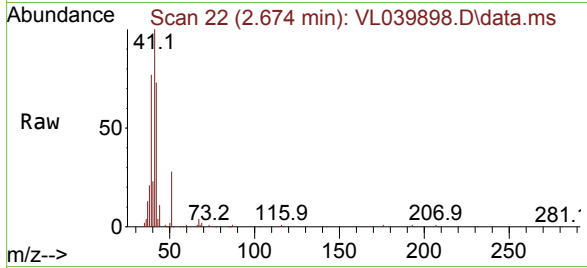




#9
 Propene
 Concen: 1.044 ppbv
 RT: 2.674 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VL039898.D
 Acq: 18 Nov 2022 10:04

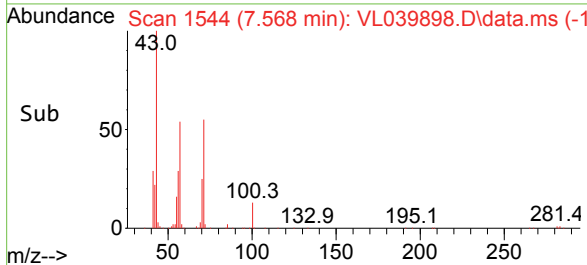
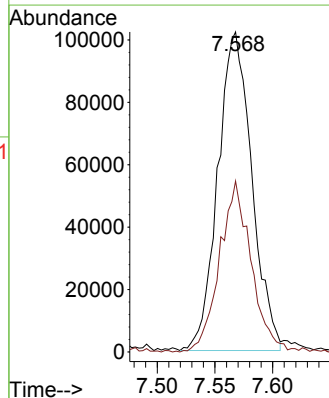
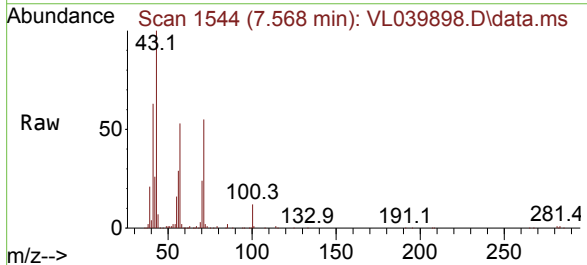
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC001

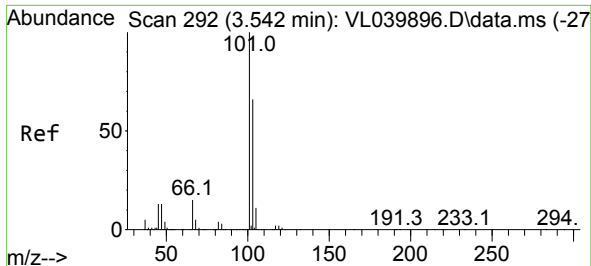
Tgt Ion: 41 Resp: 85769
 Ion Ratio Lower Upper
 41 100
 42 71.1 55.8 83.6



#10
 Heptane
 Concen: 1.056 ppbv
 RT: 7.568 min Scan# 1544
 Delta R.T. 0.000 min
 Lab File: VL039898.D
 Acq: 18 Nov 2022 10:04

Tgt Ion: 43 Resp: 209295
 Ion Ratio Lower Upper
 43 100
 57 49.3 40.7 61.1

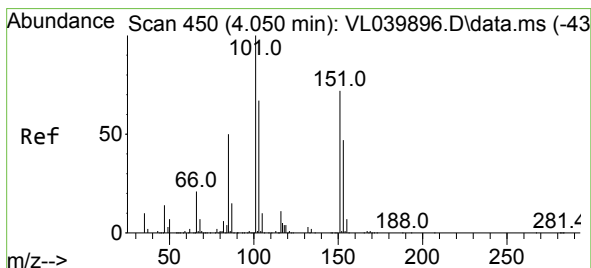
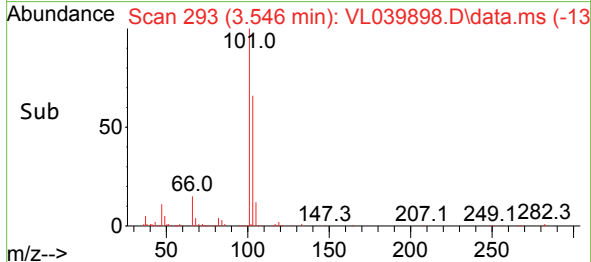
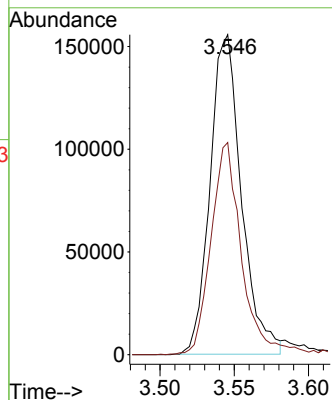
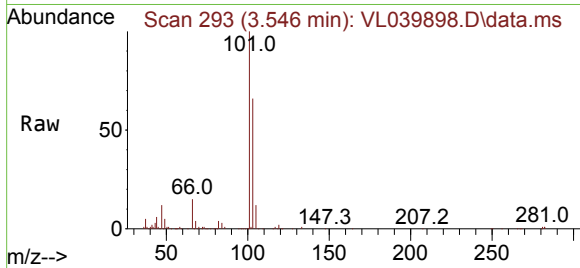




#11
 Trichlorofluoromethane
 Concen: 1.034 ppbv
 RT: 3.546 min Scan# 292
 Delta R.T. 0.003 min
 Lab File: VL039898.D
 Acq: 18 Nov 2022 10:04

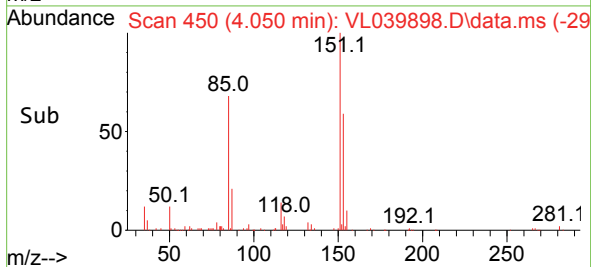
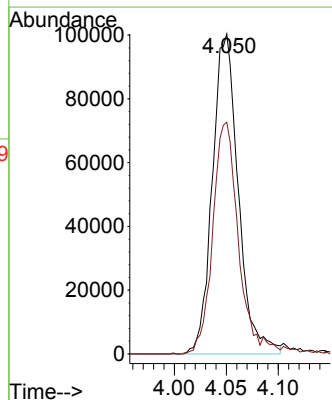
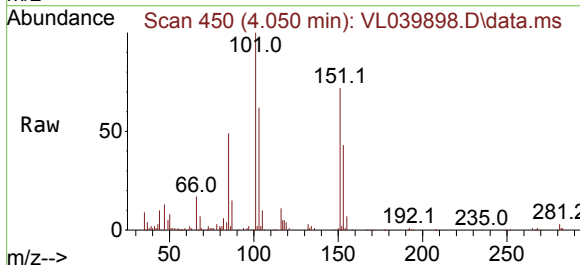
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC001

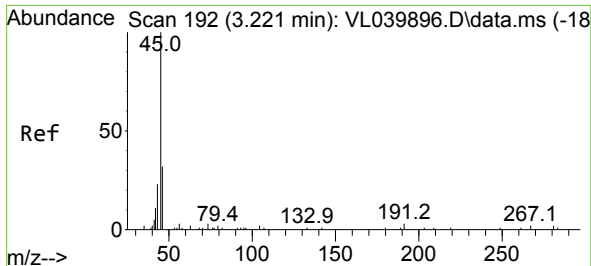
Tgt Ion:101 Resp: 228396
 Ion Ratio Lower Upper
 101 100
 103 65.8 52.6 78.8



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 1.040 ppbv
 RT: 4.050 min Scan# 450
 Delta R.T. 0.000 min
 Lab File: VL039898.D
 Acq: 18 Nov 2022 10:04

Tgt Ion:101 Resp: 173781
 Ion Ratio Lower Upper
 101 100
 151 73.4 59.6 89.4

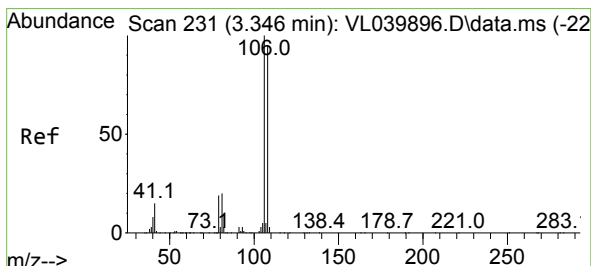
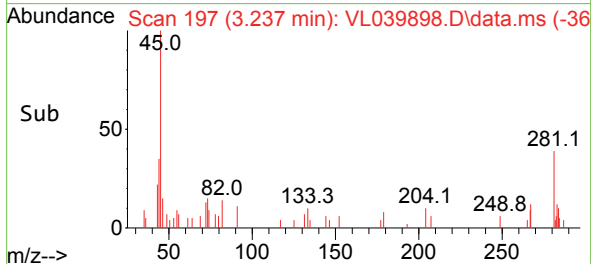
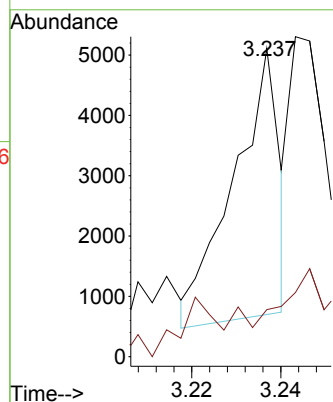
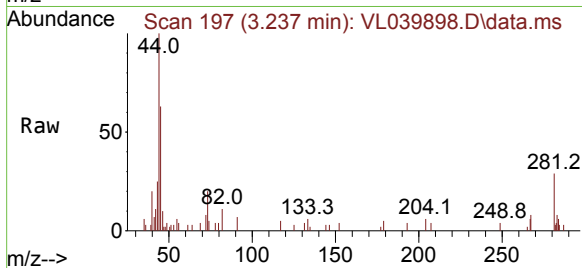




#13
Ethanol
Concen: 0.502 ppbv
RT: 3.237 min Scan# 197
Delta R.T. 0.016 min
Lab File: VL039898.D
Acq: 18 Nov 2022 10:04

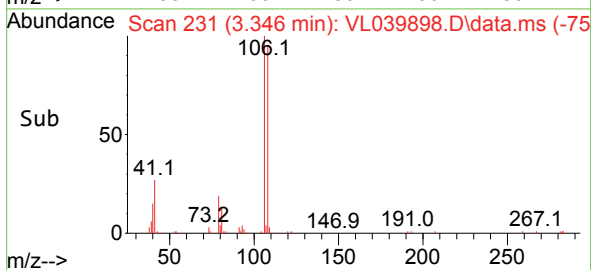
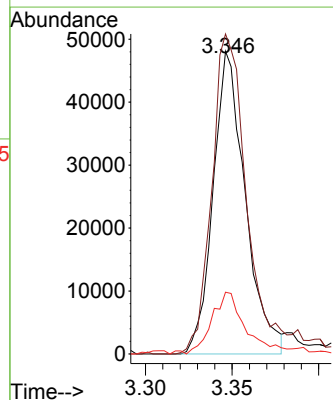
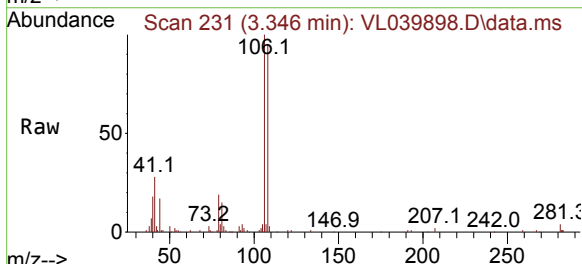
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

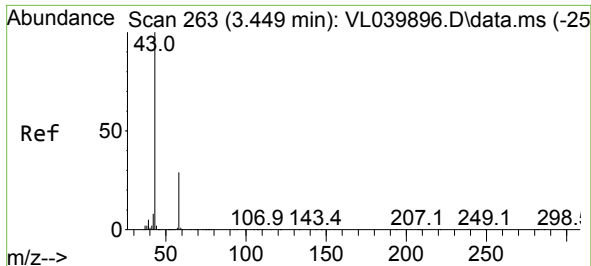
Tgt Ion: 45 Resp: 3152
Ion Ratio Lower Upper
45 100
46 6.3 14.6 58.2#



#14
Bromoethene
Concen: 0.954 ppbv
RT: 3.346 min Scan# 231
Delta R.T. 0.000 min
Lab File: VL039898.D
Acq: 18 Nov 2022 10:04

Tgt Ion: 108 Resp: 62176
Ion Ratio Lower Upper
108 100
106 122.9 87.3 130.9
79 23.4 15.9 23.9

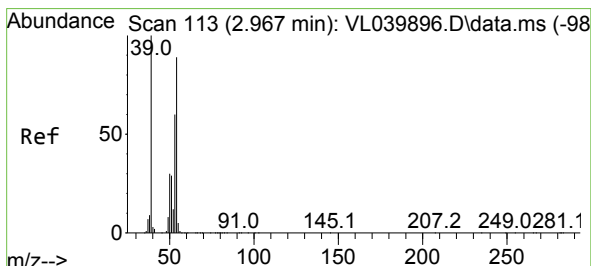
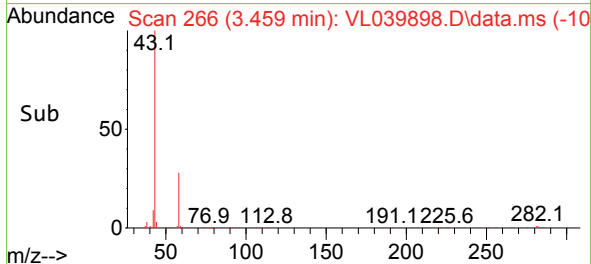
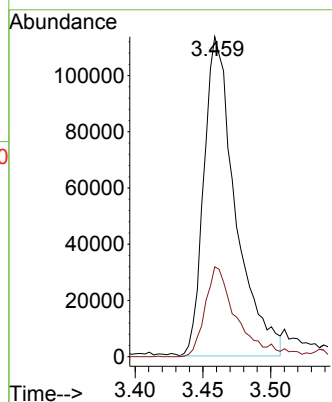
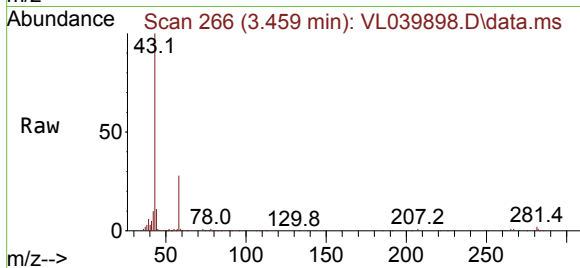




#15
Acetone
Concen: 1.095 ppbv
RT: 3.459 min Scan# 20
Delta R.T. 0.010 min
Lab File: VL039898.D
Acq: 18 Nov 2022 10:04

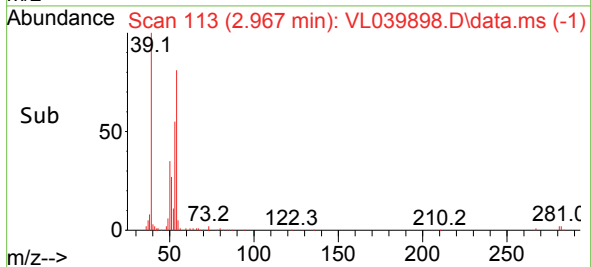
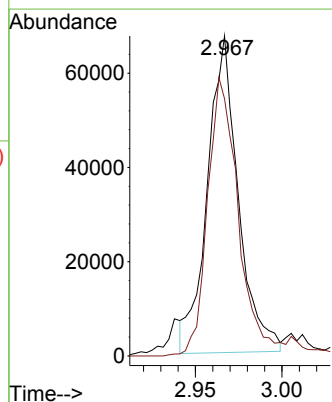
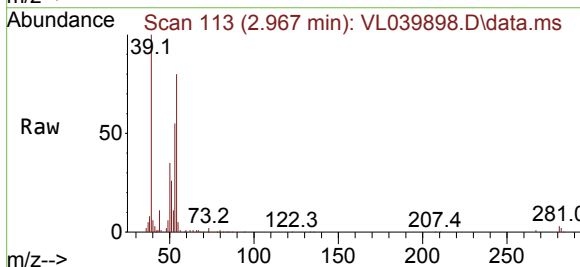
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

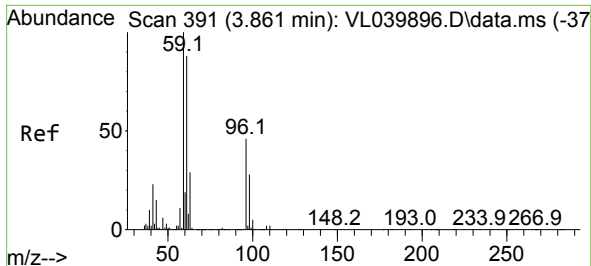
Tgt Ion: 43 Resp: 183670
Ion Ratio Lower Upper
43 100
58 28.6 22.9 34.3



#16
1,3-Butadiene
Concen: 0.998 ppbv
RT: 2.967 min Scan# 113
Delta R.T. 0.000 min
Lab File: VL039898.D
Acq: 18 Nov 2022 10:04

Tgt Ion: 39 Resp: 83374
Ion Ratio Lower Upper
39 100
54 91.9 66.6 99.8

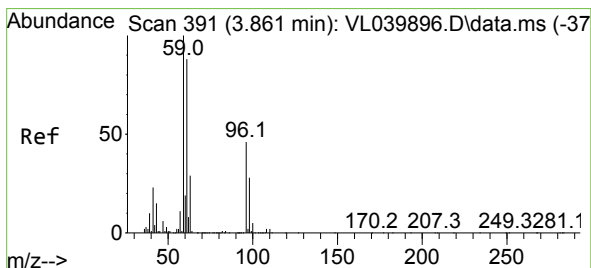
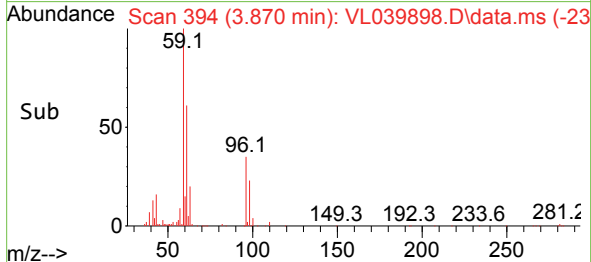
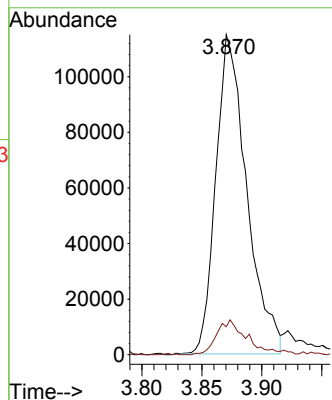
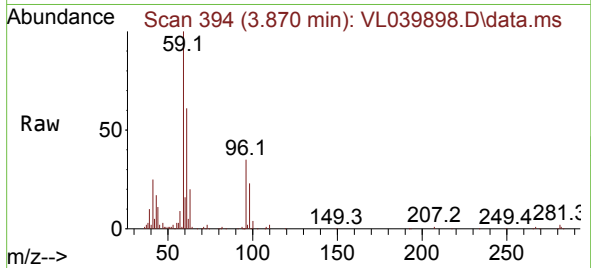




#17
tert-Butyl alcohol
Concen: 1.066 ppbv
RT: 3.870 min Scan# 394
Delta R.T. 0.010 min
Lab File: VL039898.D
Acq: 18 Nov 2022 10:04

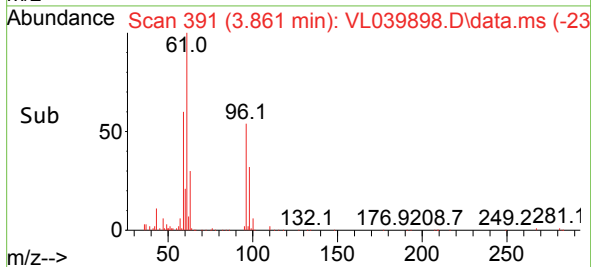
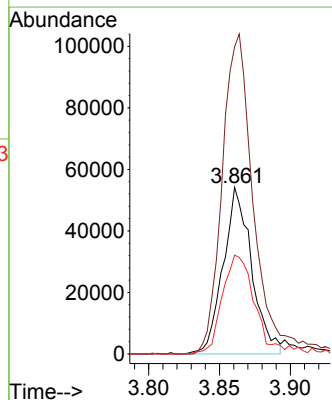
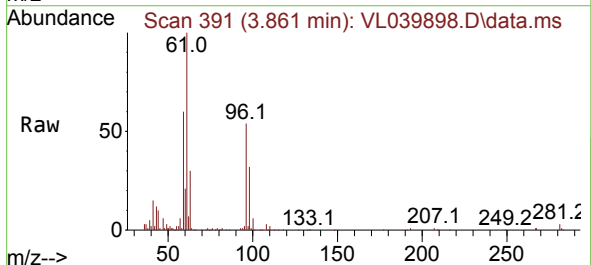
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

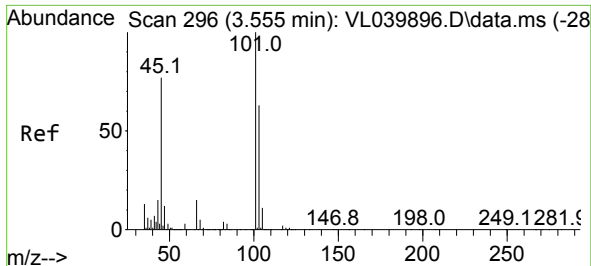
Tgt Ion: 59 Resp: 205565
Ion Ratio Lower Upper
59 100
57 11.0 8.3 12.5



#18
1,1-Dichloroethene
Concen: 0.995 ppbv
RT: 3.861 min Scan# 391
Delta R.T. 0.000 min
Lab File: VL039898.D
Acq: 18 Nov 2022 10:04

Tgt Ion: 96 Resp: 75895
Ion Ratio Lower Upper
96 100
61 184.4 153.4 230.2
98 59.4 48.9 73.3

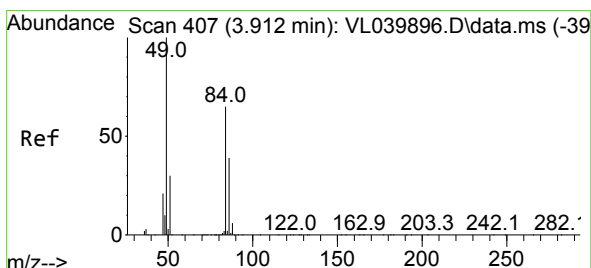
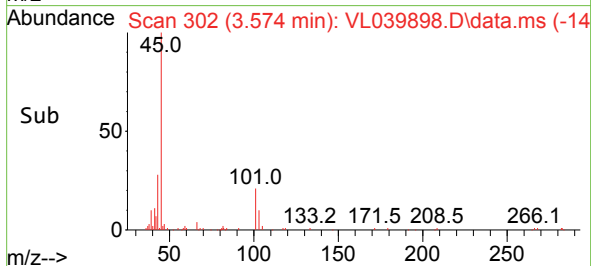
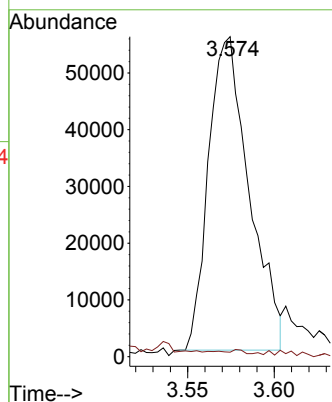
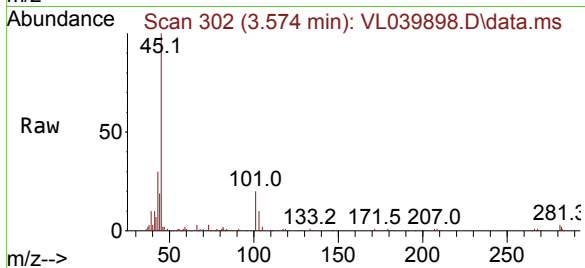




#19
Isopropyl Alcohol
Concen: 0.995 ppbv
RT: 3.574 min Scan# 302
Delta R.T. 0.019 min
Lab File: VL039898.D
Acq: 18 Nov 2022 10:04

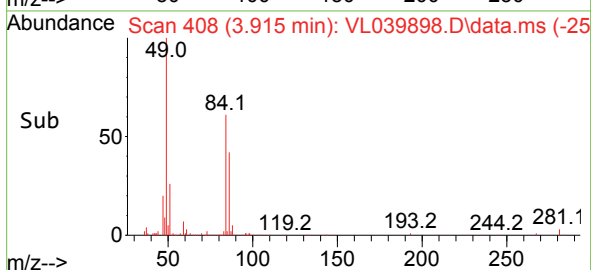
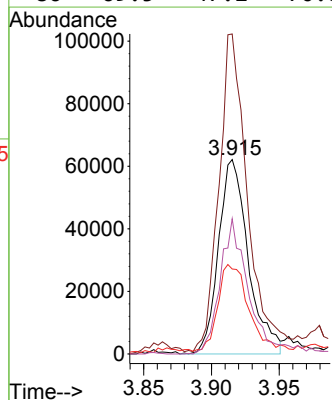
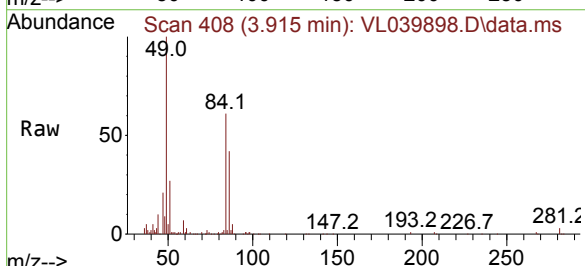
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

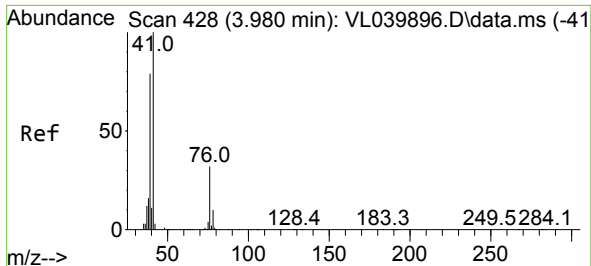
Tgt Ion: 45 Resp: 90284
Ion Ratio Lower Upper
45 100
58 4.8 38.7 58.1#



#20
Methylene Chloride
Concen: 1.172 ppbv
RT: 3.915 min Scan# 408
Delta R.T. 0.003 min
Lab File: VL039898.D
Acq: 18 Nov 2022 10:04

Tgt Ion: 84 Resp: 95168
Ion Ratio Lower Upper
84 100
49 160.3 122.2 183.4
51 42.1 36.3 54.5
86 69.5 47.2 70.8

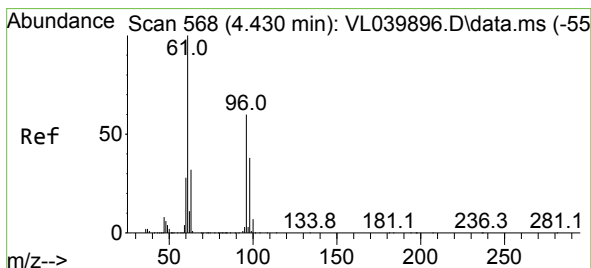
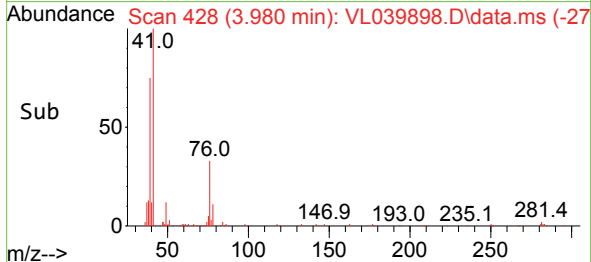
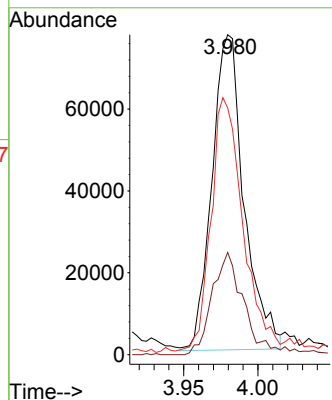
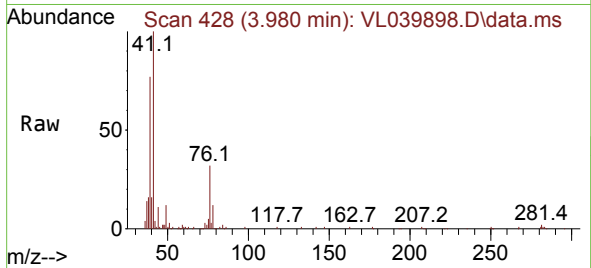




#21
 Allyl Chloride
 Concen: 0.997 ppbv
 RT: 3.980 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VL039898.D
 Acq: 18 Nov 2022 10:04

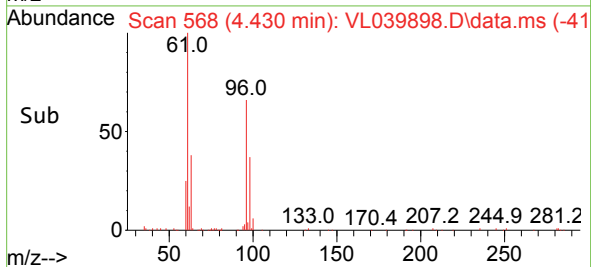
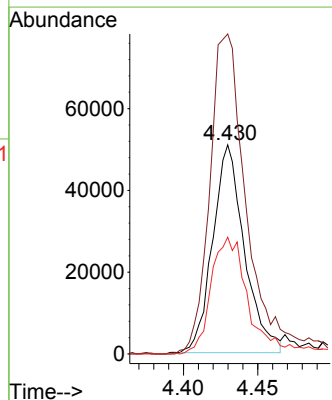
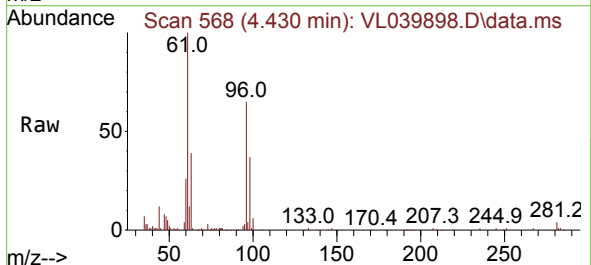
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC001

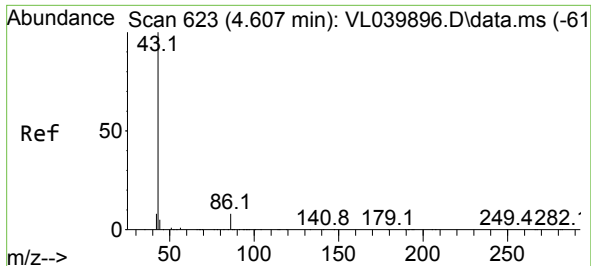
Tgt Ion: 41 Resp: 115920
 Ion Ratio Lower Upper
 41 100
 76 33.3 25.6 38.4
 39 86.6 65.2 97.8



#22
 trans-1,2-Dichloroethene
 Concen: 0.976 ppbv
 RT: 4.430 min Scan# 568
 Delta R.T. 0.000 min
 Lab File: VL039898.D
 Acq: 18 Nov 2022 10:04

Tgt Ion: 96 Resp: 75639
 Ion Ratio Lower Upper
 96 100
 61 152.1 134.1 201.1
 98 56.2 50.4 75.6

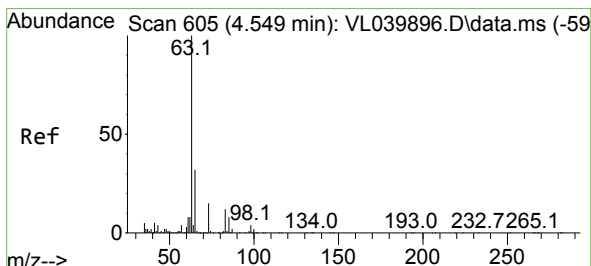
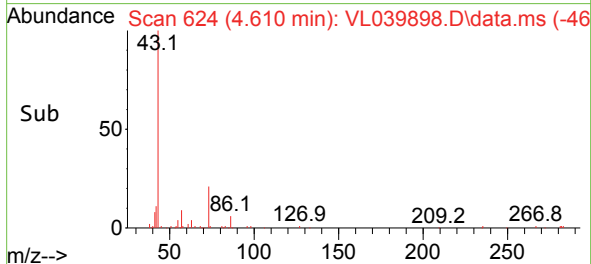
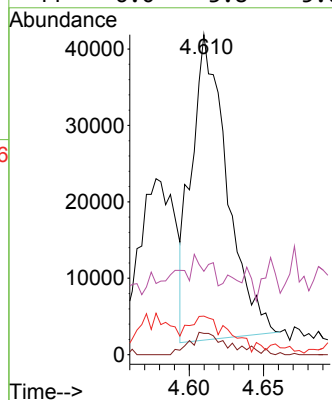
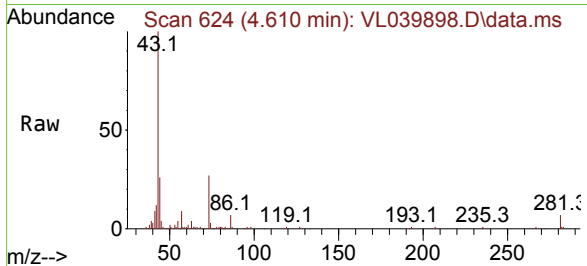




#23
 Vinyl Acetate
 Concen: 0.963 ppbv
 RT: 4.610 min Scan# 61
 Delta R.T. 0.003 min
 Lab File: VL039898.D
 Acq: 18 Nov 2022 10:04

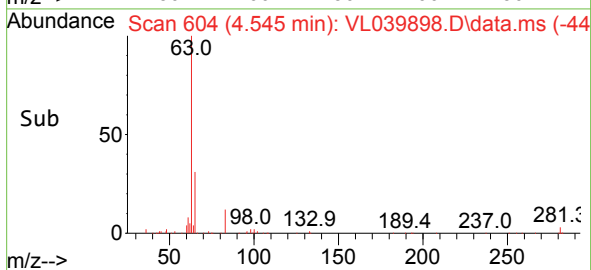
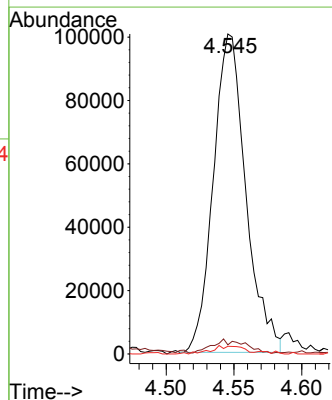
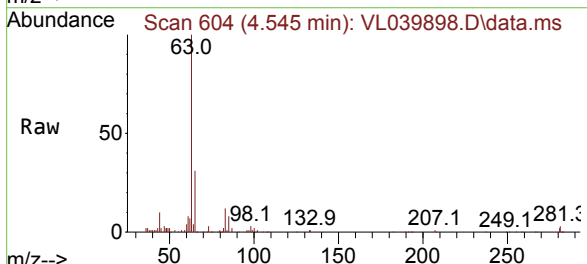
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDIC001

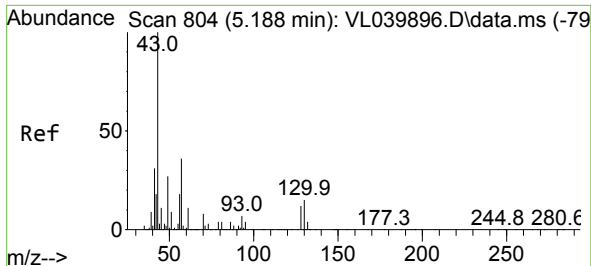
Tgt Ion:	43	Resp:	66352
Ion	Ratio	Lower	Upper
43	100		
86	6.4	5.0	7.4
42	10.7	7.6	11.4
44	6.0	3.8	5.6



#24
 1,1-Dichloroethane
 Concen: 1.008 ppbv
 RT: 4.545 min Scan# 604
 Delta R.T. -0.003 min
 Lab File: VL039898.D
 Acq: 18 Nov 2022 10:04

Tgt Ion:	63	Resp:	167353
Ion	Ratio	Lower	Upper
63	100		
98	2.5	2.1	6.5
100	2.3	1.1	3.5



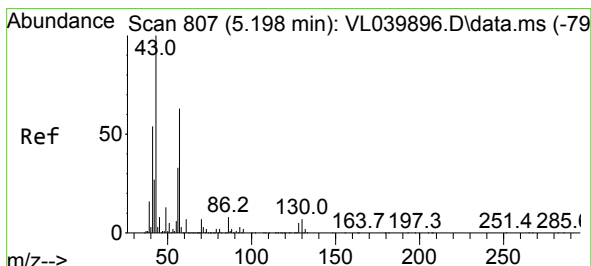
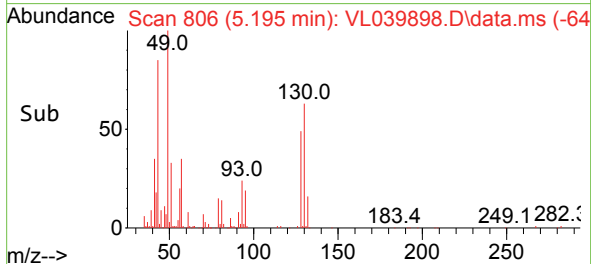
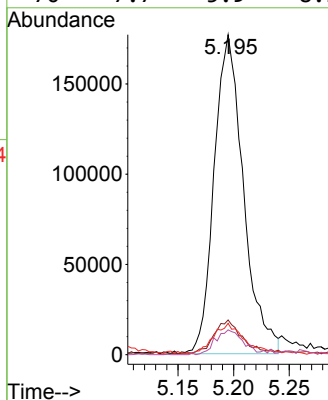
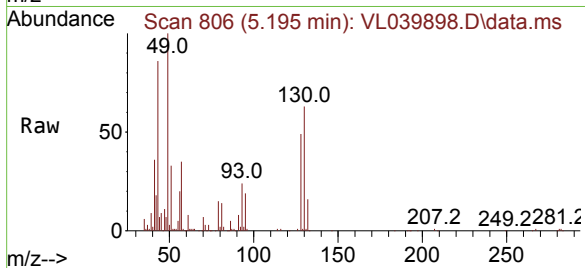


#25
Ethyl Acetate
Concen: 1.050 ppbv
RT: 5.195 min Scan# 806
Delta R.T. 0.006 min
Lab File: VL039898.D
Acq: 18 Nov 2022 10:04

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

Tgt Ion: 43 Resp: 323207

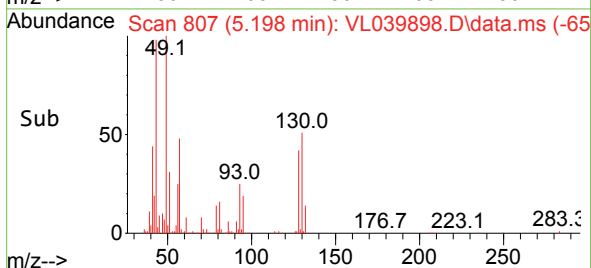
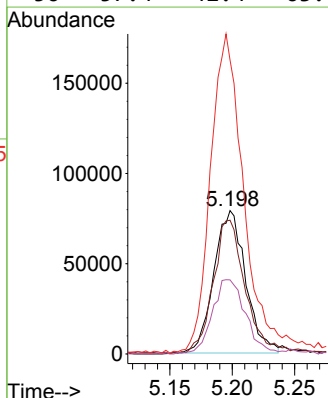
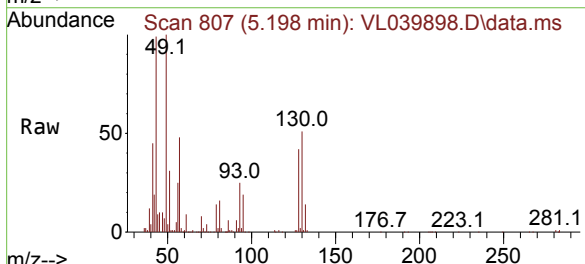
Ion	Ratio	Lower	Upper
43	100		
45	11.3	8.4	12.6
61	11.2	8.5	12.7
70	7.7	5.9	8.9

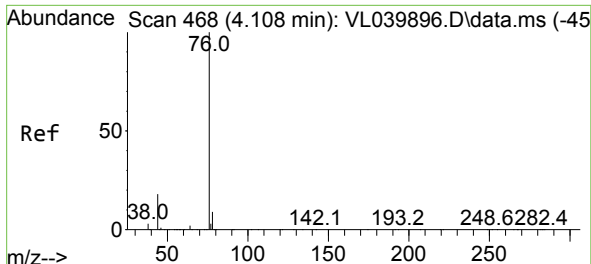


#26
Hexane
Concen: 1.043 ppbv
RT: 5.198 min Scan# 807
Delta R.T. 0.000 min
Lab File: VL039898.D
Acq: 18 Nov 2022 10:04

Tgt Ion: 57 Resp: 140257

Ion	Ratio	Lower	Upper
57	100		
41	98.4	72.3	108.5
43	245.3	188.7	283.1
56	57.4	42.4	63.6

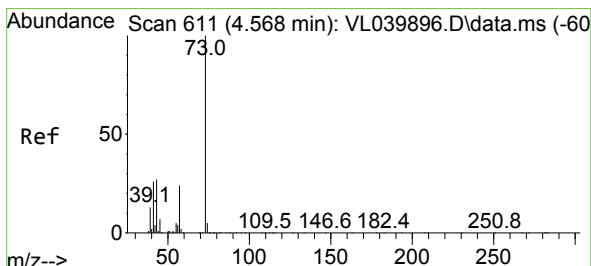
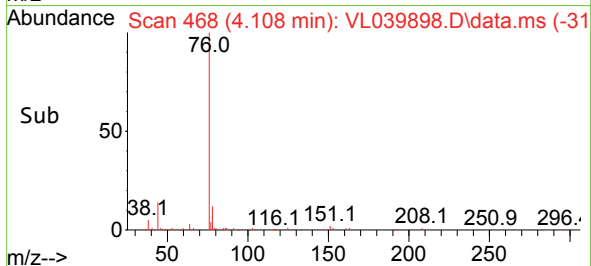
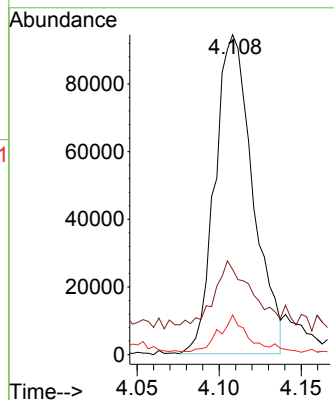
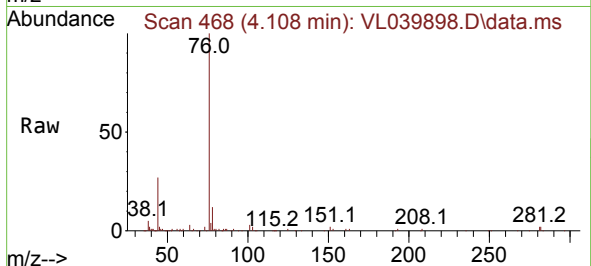




#27
Carbon Disulfide
Concen: 0.893 ppbv
RT: 4.108 min Scan# 41
Delta R.T. 0.000 min
Lab File: VL039898.D
Acq: 18 Nov 2022 10:04

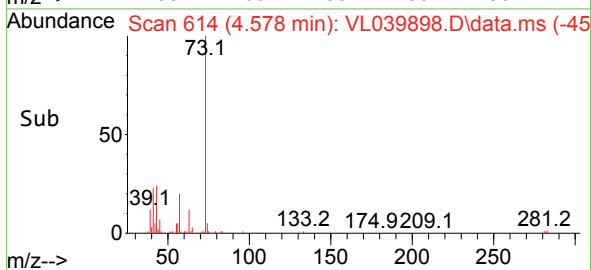
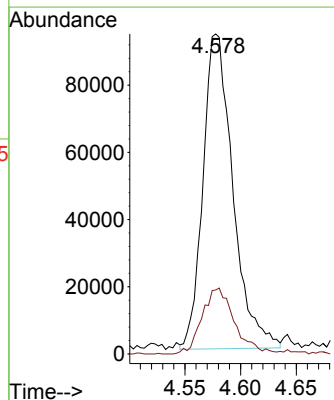
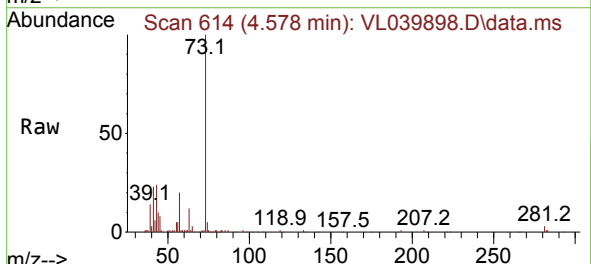
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

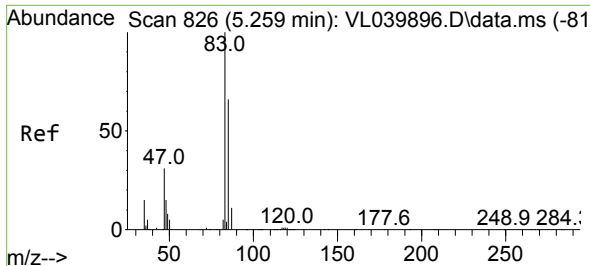
Tgt Ion: 76 Resp: 151576
Ion Ratio Lower Upper
76 100
44 27.3 14.7 22.1#
78 11.6 7.8 11.8



#28
Methyl tert-Butyl Ether
Concen: 1.040 ppbv
RT: 4.578 min Scan# 614
Delta R.T. 0.010 min
Lab File: VL039898.D
Acq: 18 Nov 2022 10:04

Tgt Ion: 73 Resp: 175092
Ion Ratio Lower Upper
73 100
57 23.7 18.9 28.3

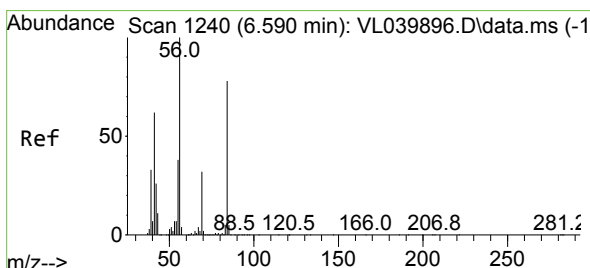
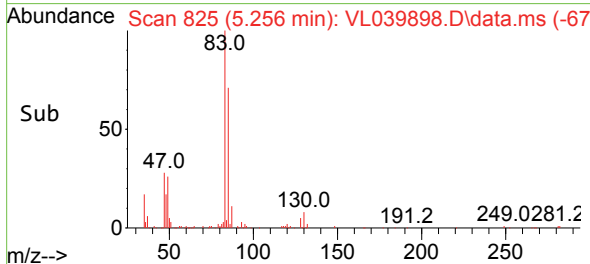
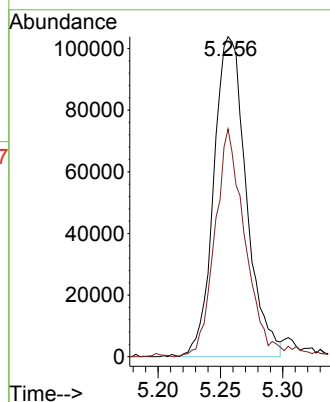
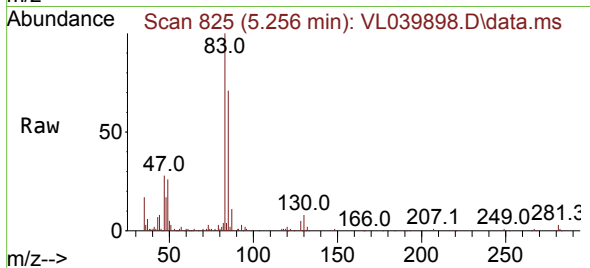




#29
Chloroform
Concen: 1.057 ppbv
RT: 5.256 min Scan# 81
Delta R.T. -0.003 min
Lab File: VL039898.D
Acq: 18 Nov 2022 10:04

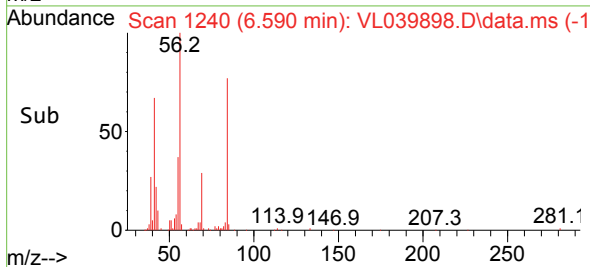
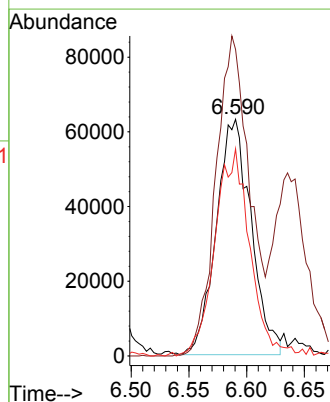
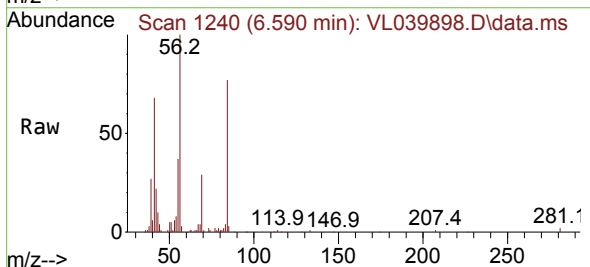
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

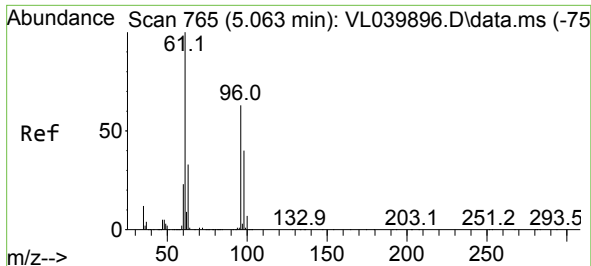
Tgt Ion: 83 Resp: 188863
Ion Ratio Lower Upper
83 100
85 70.8 52.4 78.6



#30
Cyclohexane
Concen: 1.003 ppbv
RT: 6.590 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VL039898.D
Acq: 18 Nov 2022 10:04

Tgt Ion: 84 Resp: 132352
Ion Ratio Lower Upper
84 100
56 130.9 112.5 168.7
41 90.2 67.8 101.8

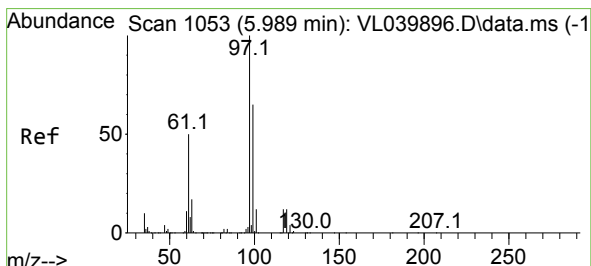
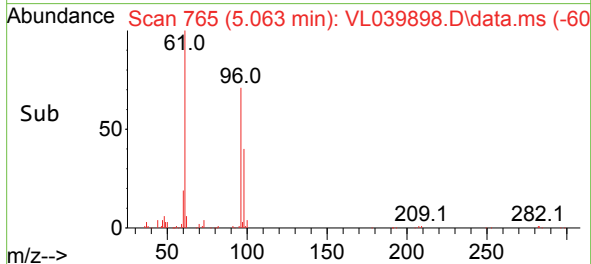
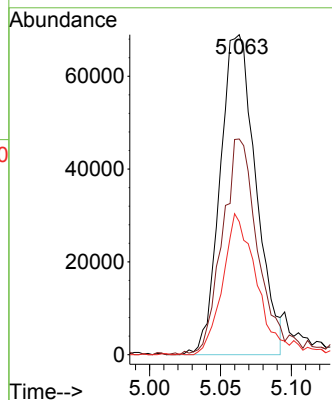
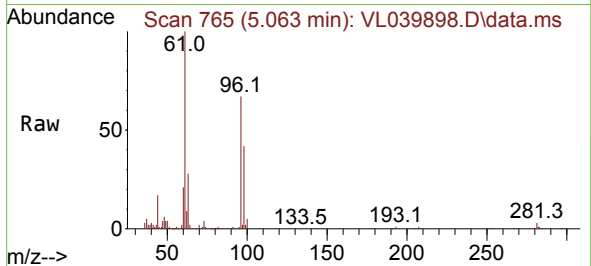




#31
 cis-1,2-Dichloroethene
 Concen: 0.977 ppbv
 RT: 5.063 min Scan# 765
 Delta R.T. 0.000 min
 Lab File: VL039898.D
 Acq: 18 Nov 2022 10:04

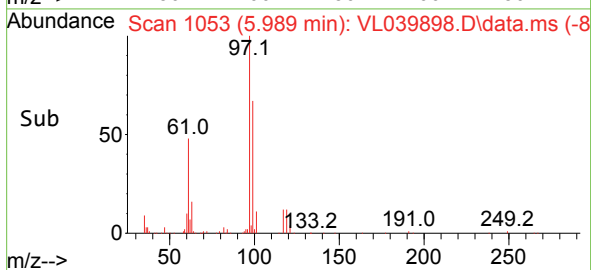
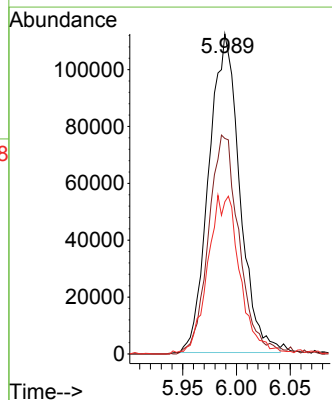
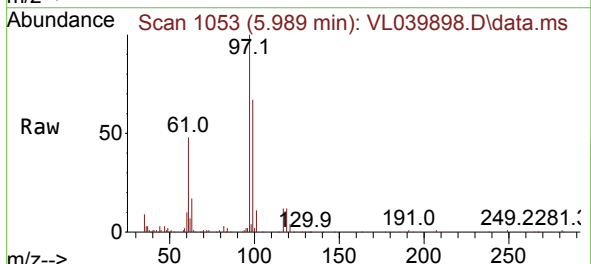
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC001

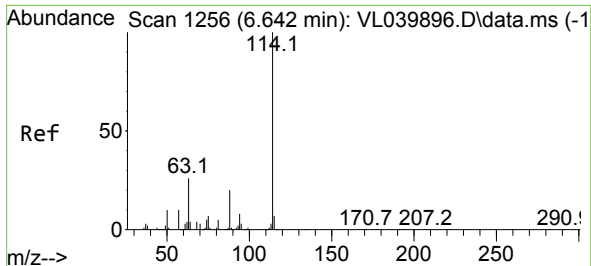
Tgt Ion: 61 Resp: 121377
 Ion Ratio Lower Upper
 61 100
 96 67.4 50.3 75.5
 98 41.3 32.2 48.2



#32
 1,1,1-Trichloroethane
 Concen: 1.002 ppbv
 RT: 5.989 min Scan# 1053
 Delta R.T. 0.000 min
 Lab File: VL039898.D
 Acq: 18 Nov 2022 10:04

Tgt Ion: 97 Resp: 223654
 Ion Ratio Lower Upper
 97 100
 99 69.1 51.4 77.0
 61 52.8 40.7 61.1





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.639 min Scan# 1

Delta R.T. -0.003 min

Lab File: VL039898.D

Acq: 18 Nov 2022 10:04

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC001

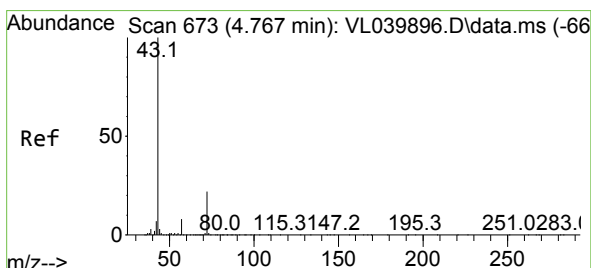
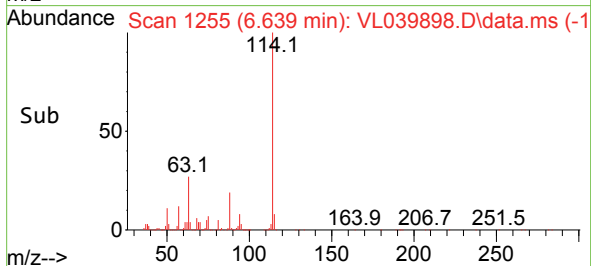
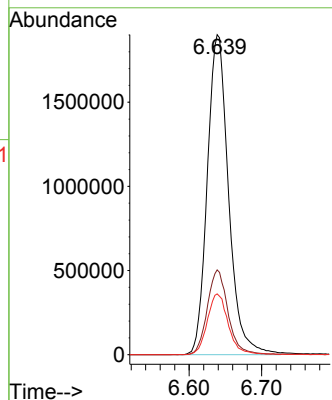
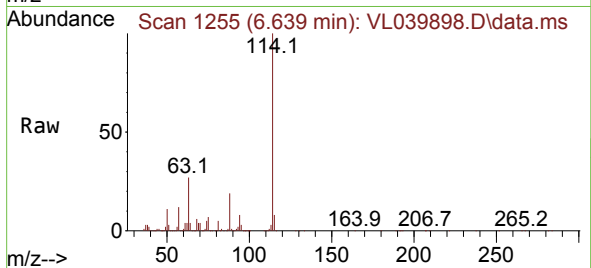
Tgt Ion:114 Resp: 3877471

Ion Ratio Lower Upper

114 100

63 26.1 21.4 32.0

88 18.8 15.3 22.9



#34

2-Butanone

Concen: 0.941 ppbv

RT: 4.783 min Scan# 678

Delta R.T. 0.016 min

Lab File: VL039898.D

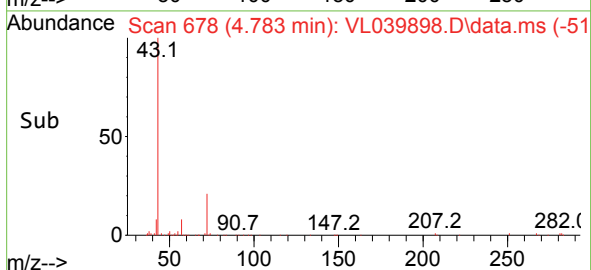
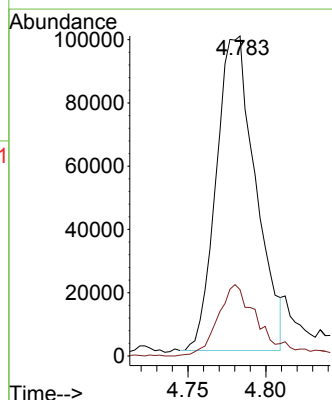
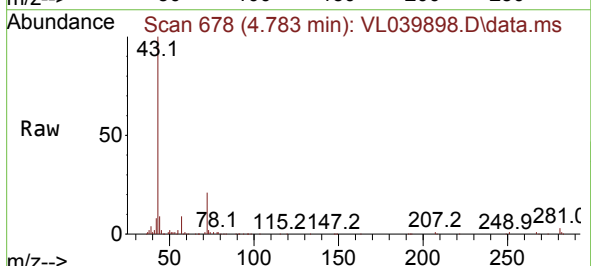
Acq: 18 Nov 2022 10:04

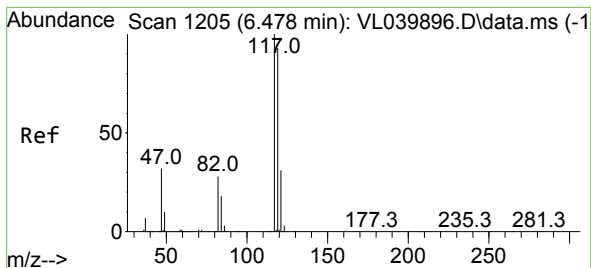
Tgt Ion: 43 Resp: 174623

Ion Ratio Lower Upper

43 100

72 24.4 17.4 26.2





#35

Carbon Tetrachloride

Concen: 1.004 ppbv

RT: 6.481 min Scan# 117

Delta R.T. 0.003 min

Lab File: VL039898.D

Acq: 18 Nov 2022 10:04

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC001

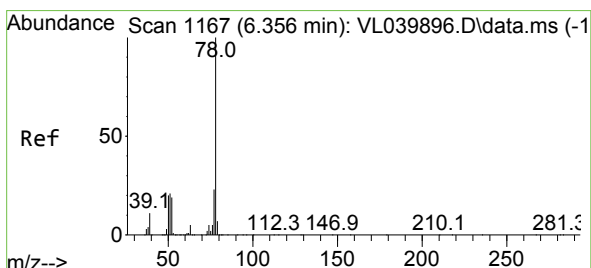
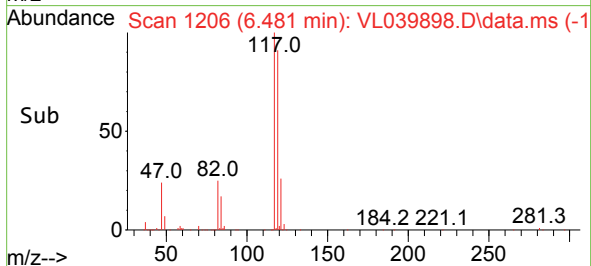
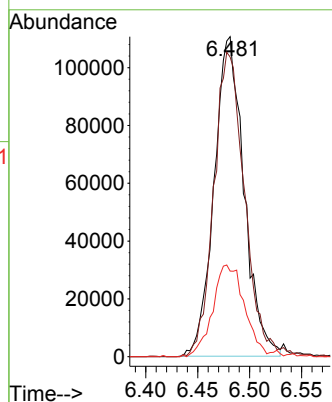
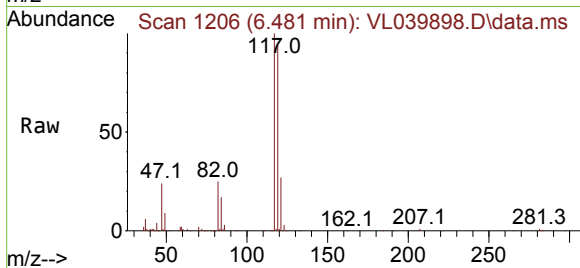
Tgt Ion:117 Resp: 221153

Ion Ratio Lower Upper

117 100

119 93.8 74.7 112.1

121 26.8 24.5 36.7



#36

Benzene

Concen: 1.034 ppbv

RT: 6.356 min Scan# 1167

Delta R.T. 0.000 min

Lab File: VL039898.D

Acq: 18 Nov 2022 10:04

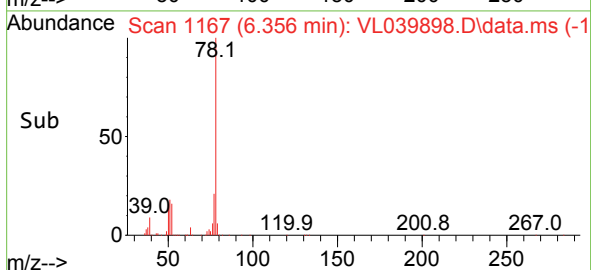
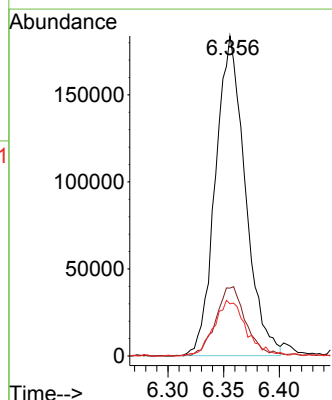
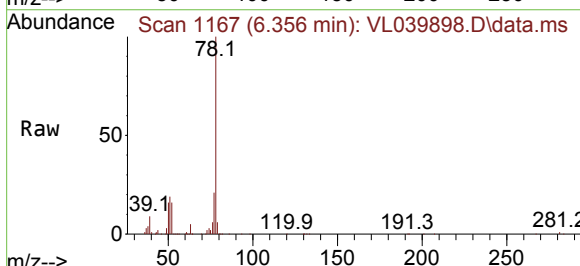
Tgt Ion: 78 Resp: 340911

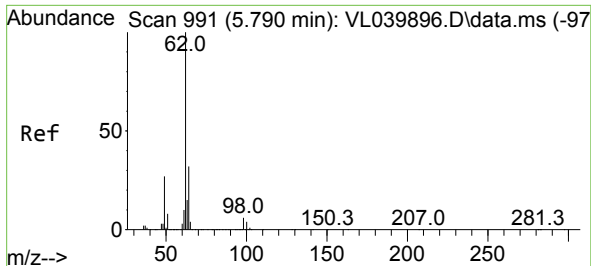
Ion Ratio Lower Upper

78 100

77 21.0 18.2 27.2

50 16.2 15.8 23.8





#37

1,2-Dichloroethane

Concen: 0.986 ppbv

RT: 5.790 min Scan# 991

Delta R.T. 0.000 min

Lab File: VL039898.D

Acq: 18 Nov 2022 10:04

Instrument :

MSVOA_L

ClientSampleId :

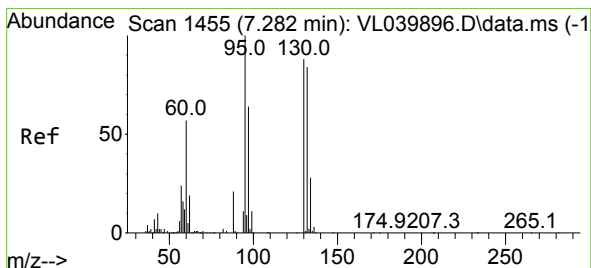
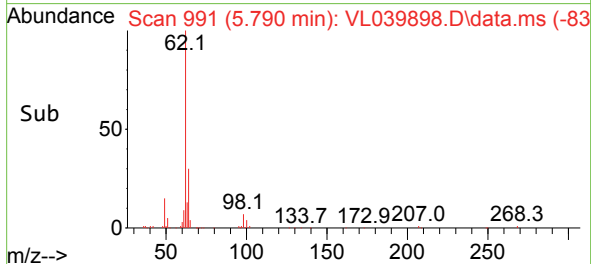
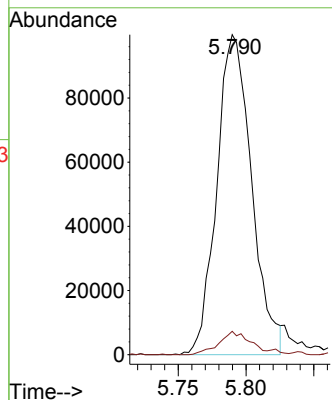
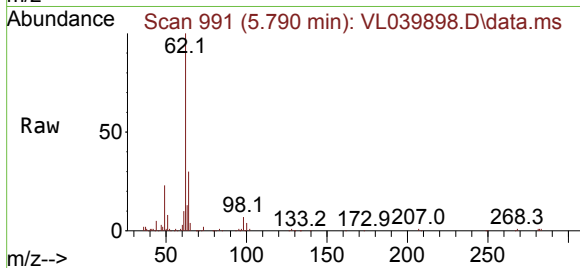
VSTDIC001

Tgt Ion: 62 Resp: 178150

Ion Ratio Lower Upper

62 100

98 7.3 5.0 7.6



#38

Trichloroethene

Concen: 1.028 ppbv

RT: 7.282 min Scan# 1455

Delta R.T. 0.000 min

Lab File: VL039898.D

Acq: 18 Nov 2022 10:04

Tgt Ion:130 Resp: 189372

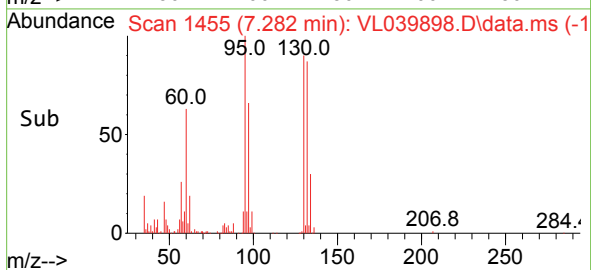
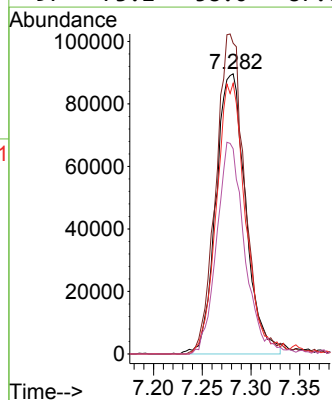
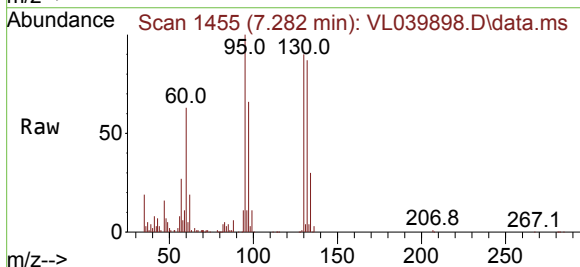
Ion Ratio Lower Upper

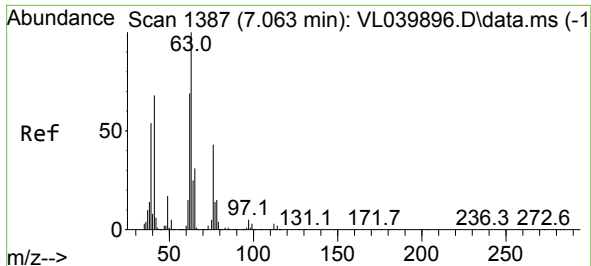
130 100

95 110.9 90.6 135.8

132 96.6 76.2 114.4

97 73.2 58.0 87.0





#39

1,2-Dichloropropane

Concen: 1.007 ppbv

RT: 7.060 min Scan# 11

Delta R.T. -0.003 min

Lab File: VL039898.D

Acq: 18 Nov 2022 10:04

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC001

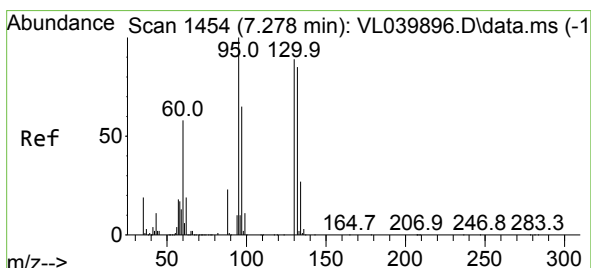
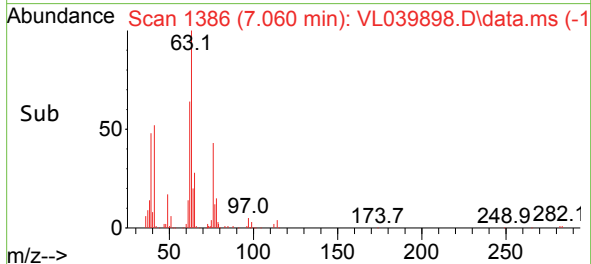
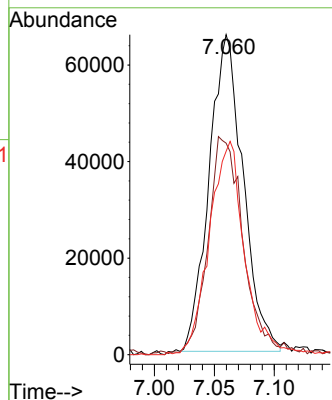
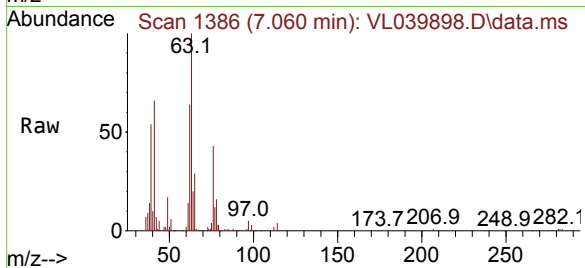
Tgt Ion: 63 Resp: 129316

Ion Ratio Lower Upper

63 100

41 66.1 54.7 82.1

62 62.6 55.0 82.6



#40

1,4-Dioxane

Concen: 0.286 ppbv

RT: 7.295 min Scan# 1459

Delta R.T. 0.016 min

Lab File: VL039898.D

Acq: 18 Nov 2022 10:04

Tgt Ion: 88 Resp: 14609

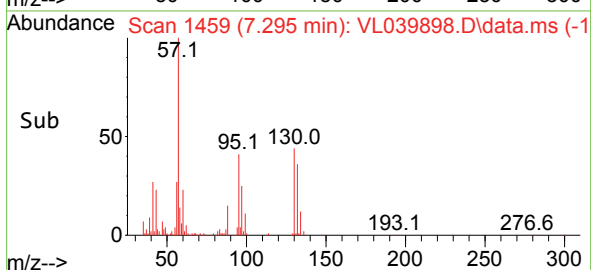
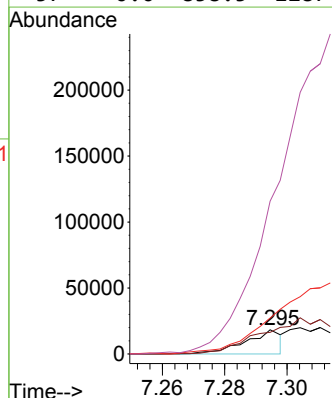
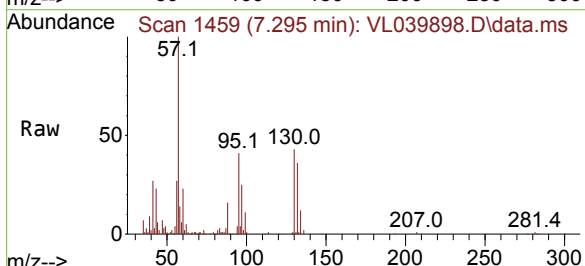
Ion Ratio Lower Upper

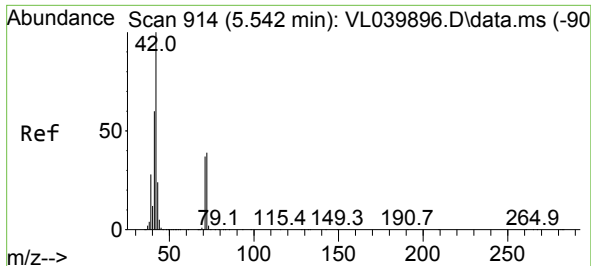
88 100

58 0.0 100.5 150.7#

43 0.0 195.8 293.8#

57 0.0 858.5 1287.7#





#41

Tetrahydrofuran

Concen: 0.997 ppbv

RT: 5.562 min Scan# 914

Delta R.T. 0.019 min

Lab File: VL039898.D

Acq: 18 Nov 2022 10:04

Instrument :

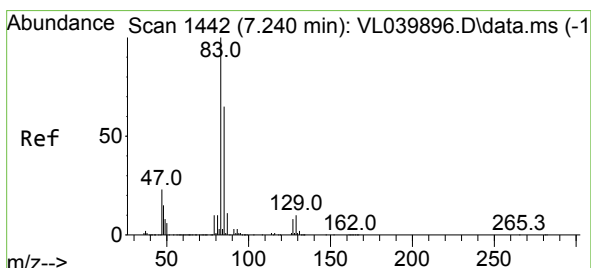
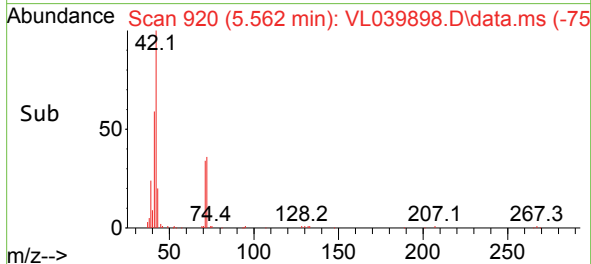
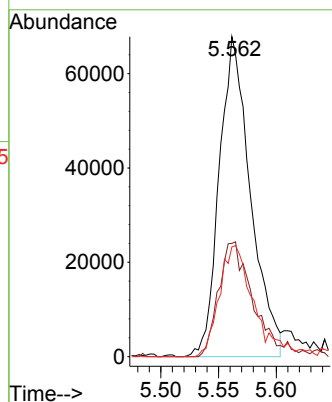
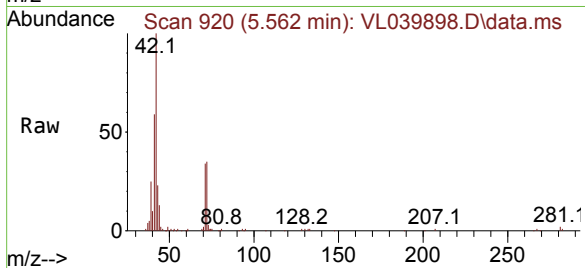
MSVOA_L

ClientSampleId :

VSTDIC001

Tgt Ion: 42 Resp: 127753

Ion	Ratio	Lower	Upper
42	100		
72	40.2	31.6	47.4
71	40.3	31.2	46.8



#42

Bromodichloromethane

Concen: 0.965 ppbv

RT: 7.237 min Scan# 1441

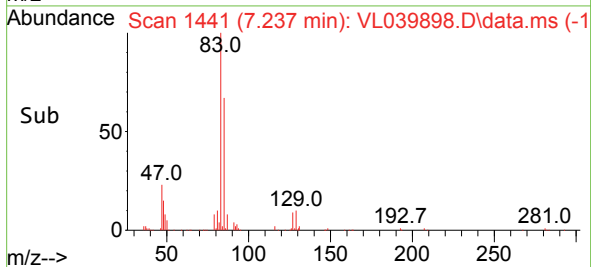
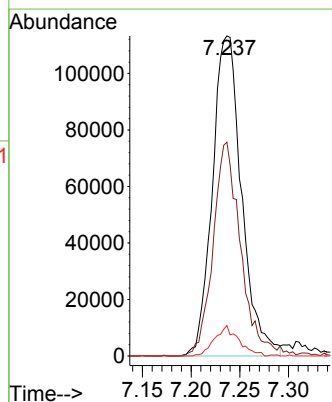
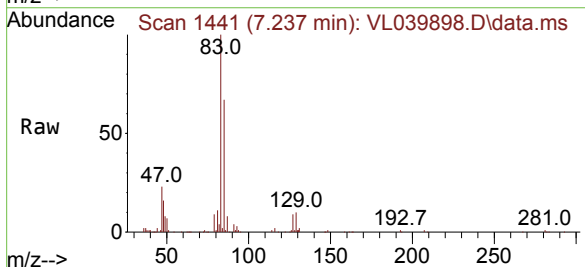
Delta R.T. -0.003 min

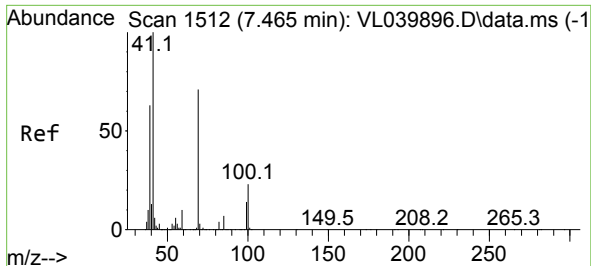
Lab File: VL039898.D

Acq: 18 Nov 2022 10:04

Tgt Ion: 83 Resp: 236310

Ion	Ratio	Lower	Upper
83	100		
85	66.8	52.0	78.0
127	9.5	6.5	9.7

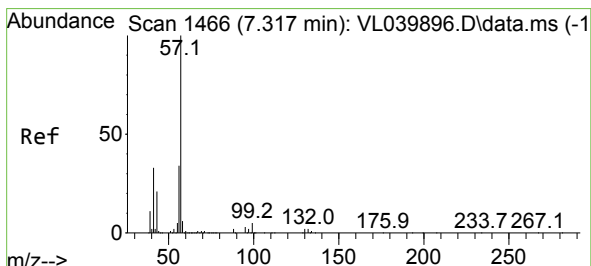
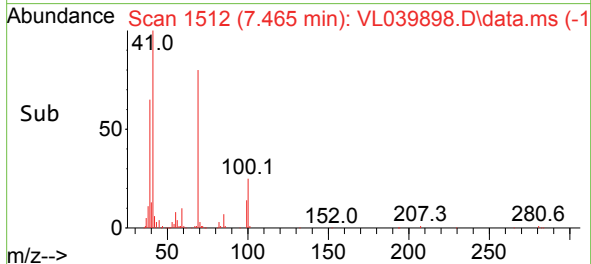
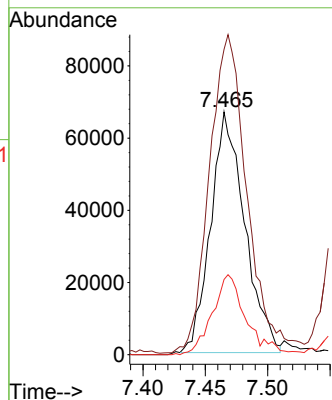
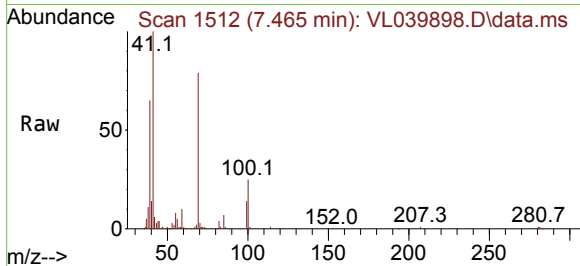




#43
Methyl Methacrylate
Concen: 0.983 ppbv
RT: 7.465 min Scan# 11
Delta R.T. 0.000 min
Lab File: VL039898.D
Acq: 18 Nov 2022 10:04

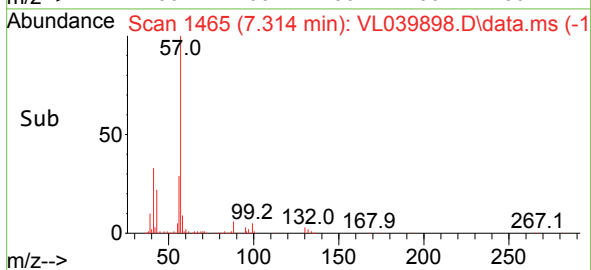
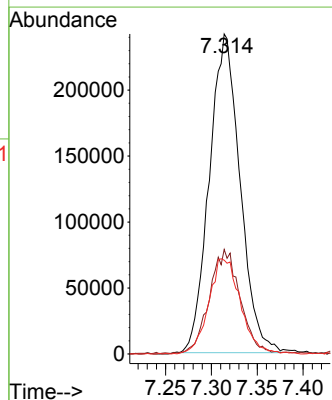
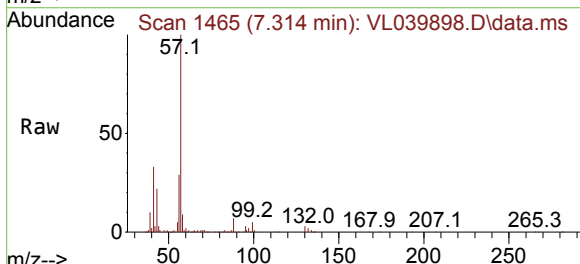
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

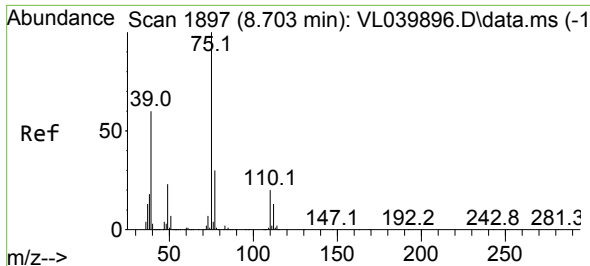
Tgt Ion: 69 Resp: 127029
Ion Ratio Lower Upper
69 100
41 146.3 116.4 174.6
100 33.0 26.8 40.2



#44
2,2,4-Trimethylpentane
Concen: 1.024 ppbv
RT: 7.314 min Scan# 1465
Delta R.T. -0.003 min
Lab File: VL039898.D
Acq: 18 Nov 2022 10:04

Tgt Ion: 57 Resp: 563140
Ion Ratio Lower Upper
57 100
41 33.7 26.2 39.2
56 31.0 25.5 38.3

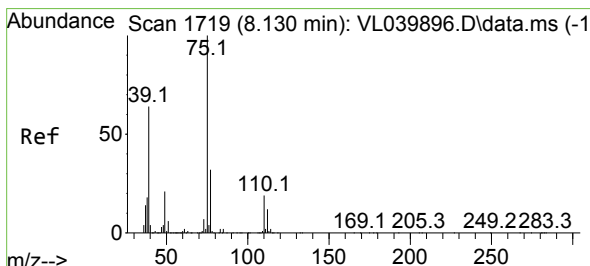
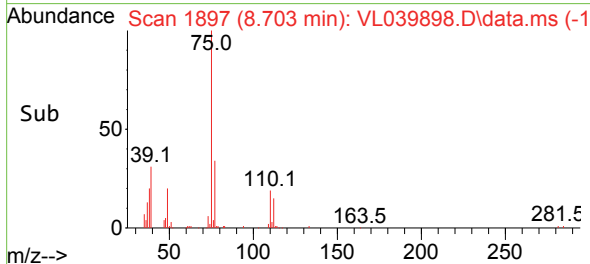
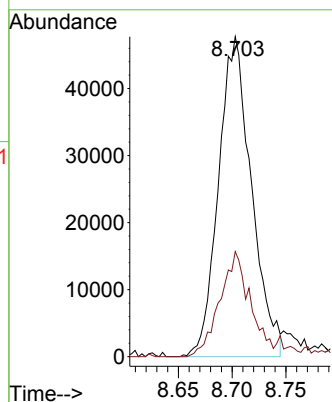
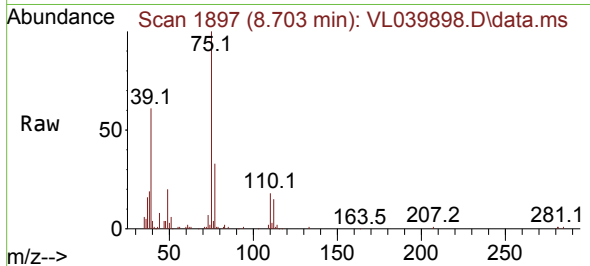




#45
 t-1,3-Dichloropropene
 Concen: 0.852 ppbv
 RT: 8.703 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VL039898.D
 Acq: 18 Nov 2022 10:04

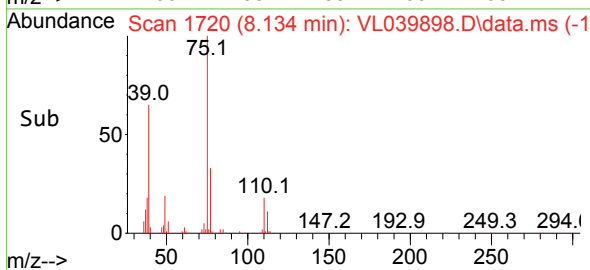
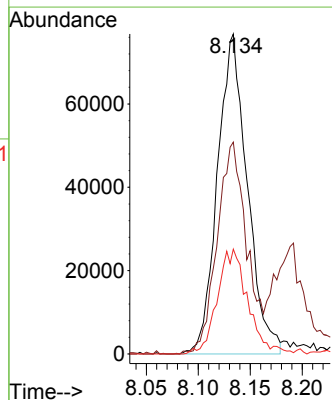
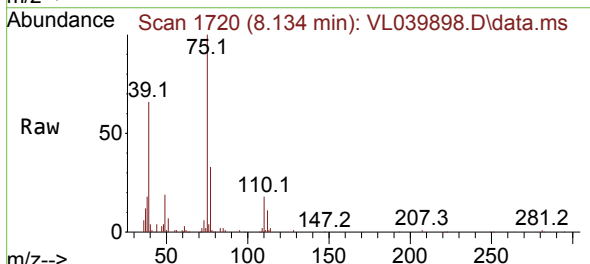
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC001

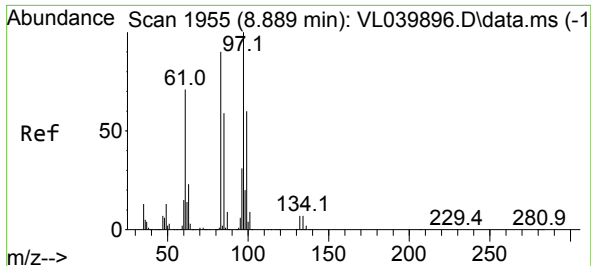
Tgt Ion: 75 Resp: 101727
 Ion Ratio Lower Upper
 75 100
 77 32.8 24.2 36.4



#46
 cis-1,3-Dichloropropene
 Concen: 0.927 ppbv
 RT: 8.134 min Scan# 1720
 Delta R.T. 0.003 min
 Lab File: VL039898.D
 Acq: 18 Nov 2022 10:04

Tgt Ion: 75 Resp: 153271
 Ion Ratio Lower Upper
 75 100
 39 66.2 51.0 76.4
 77 32.8 25.4 38.0



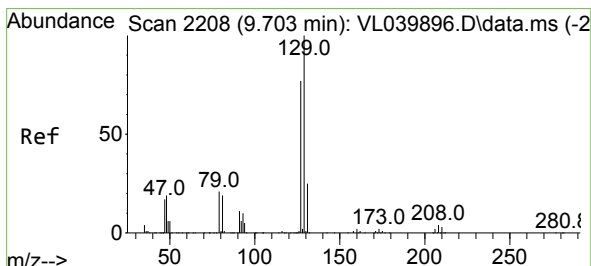
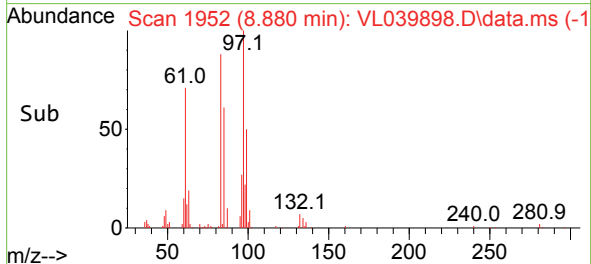
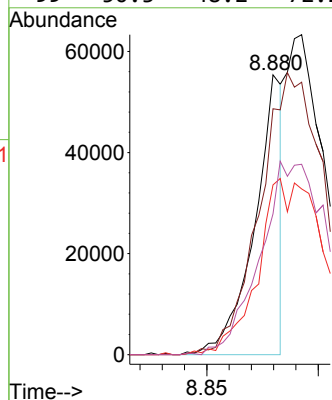
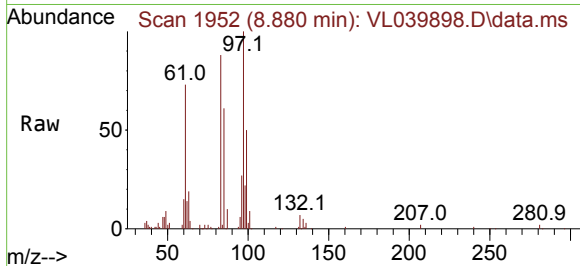


#47
1,1,2-Trichloroethane
Concen: 0.359 ppbv
RT: 8.880 min Scan# 1955
Delta R.T. -0.010 min
Lab File: VL039898.D
Acq: 18 Nov 2022 10:04

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

Tgt Ion: 97 Resp: 47428

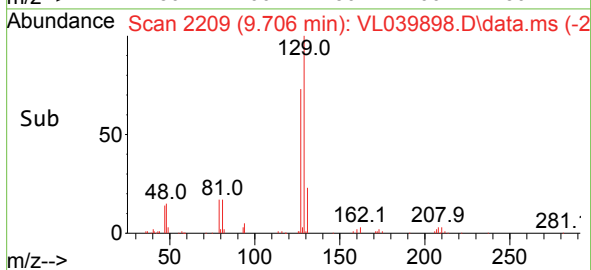
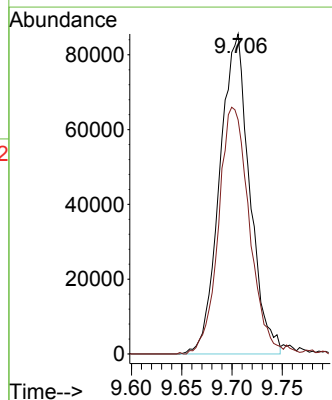
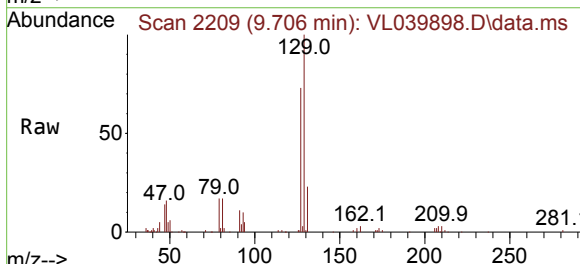
Ion	Ratio	Lower	Upper
97	100		
83	87.9	72.1	108.1
85	60.7	47.2	70.8
99	50.3	48.2	72.2

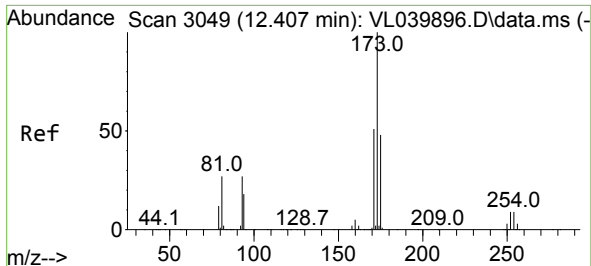


#48
Dibromochloromethane
Concen: 0.919 ppbv
RT: 9.706 min Scan# 2209
Delta R.T. 0.003 min
Lab File: VL039898.D
Acq: 18 Nov 2022 10:04

Tgt Ion: 129 Resp: 177653

Ion	Ratio	Lower	Upper
129	100		
127	80.1	39.1	117.3

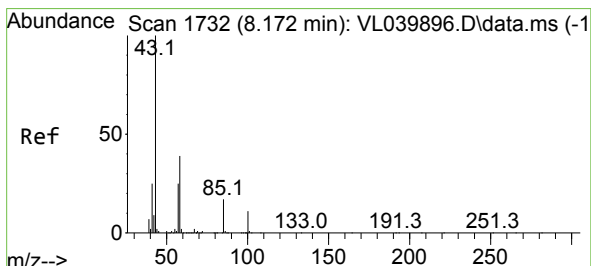
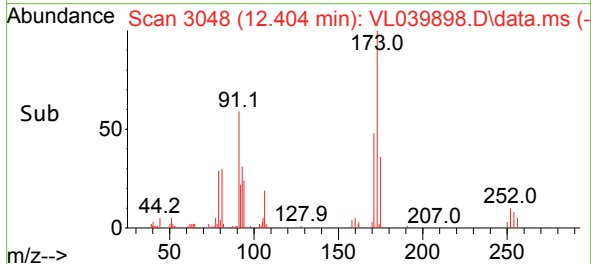
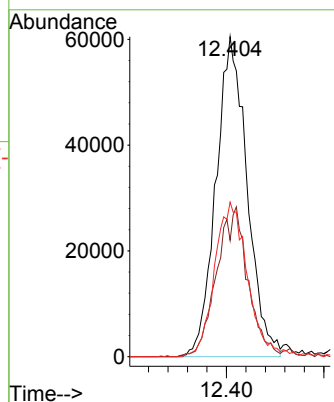
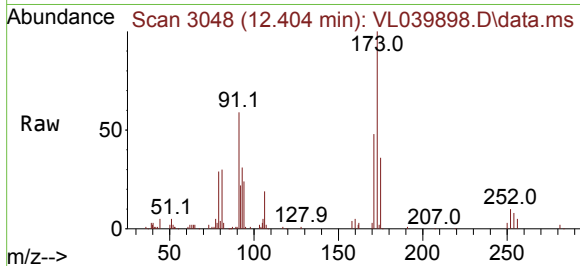




#49
Bromoform
Concen: 0.857 ppbv
RT: 12.404 min Scan# 3049
Delta R.T. -0.003 min
Lab File: VL039898.D
Acq: 18 Nov 2022 10:04

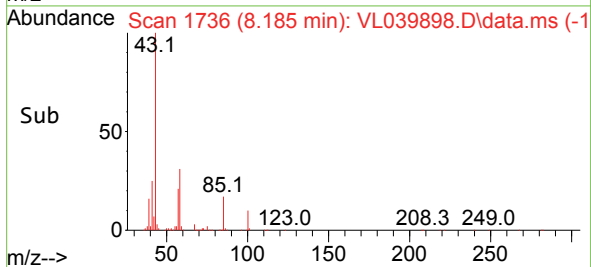
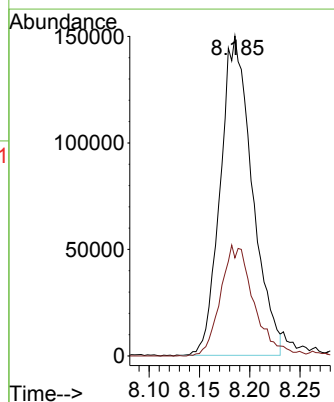
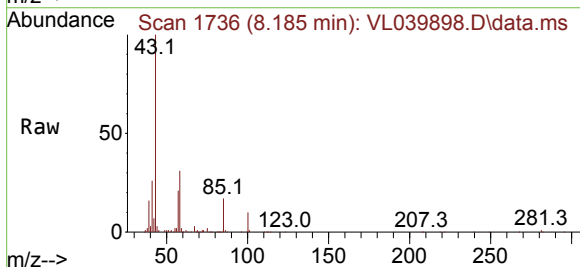
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

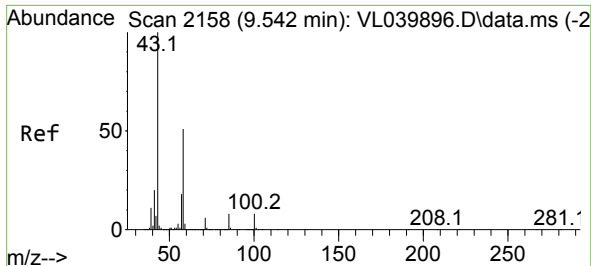
Tgt Ion:173 Resp: 134160
Ion Ratio Lower Upper
173 100
175 48.1 39.1 58.7
171 51.2 41.8 62.8



#50
4-Methyl-2-Pentanone
Concen: 0.998 ppbv
RT: 8.185 min Scan# 1736
Delta R.T. 0.013 min
Lab File: VL039898.D
Acq: 18 Nov 2022 10:04

Tgt Ion: 43 Resp: 331627
Ion Ratio Lower Upper
43 100
58 37.1 29.8 44.6

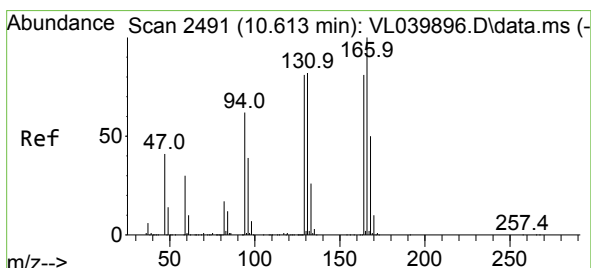
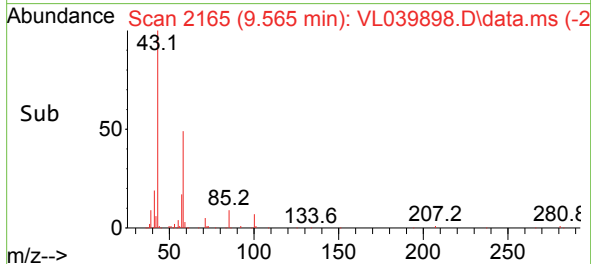
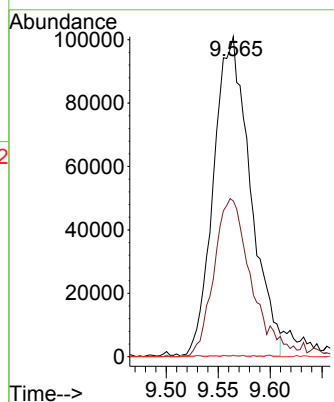
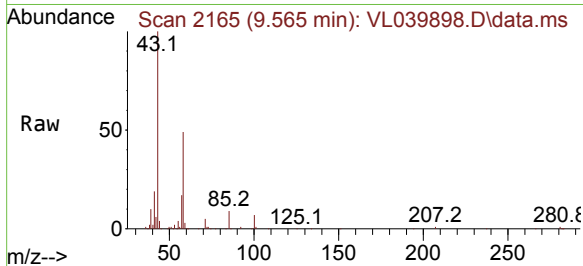




#51
2-Hexanone
Concen: 0.960 ppbv
RT: 9.565 min Scan# 2158
Delta R.T. 0.023 min
Lab File: VL039898.D
Acq: 18 Nov 2022 10:04

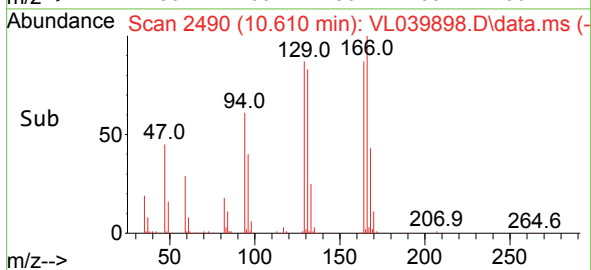
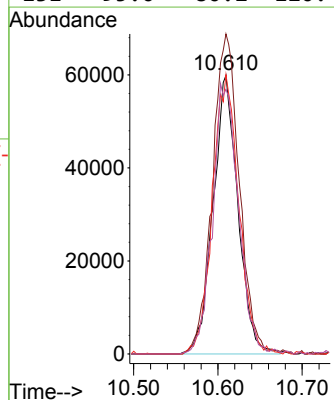
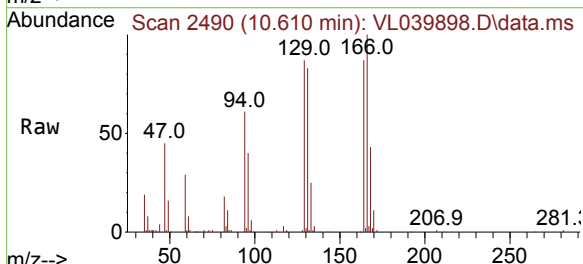
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

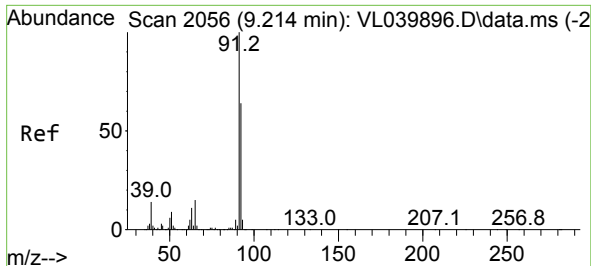
Tgt Ion: 43 Resp: 247614
Ion Ratio Lower Upper
43 100
58 50.9 40.2 60.4
98 0.2 0.1 0.1#



#52
Tetrachloroethene
Concen: 0.999 ppbv
RT: 10.610 min Scan# 2490
Delta R.T. -0.003 min
Lab File: VL039898.D
Acq: 18 Nov 2022 10:04

Tgt Ion: 164 Resp: 123206
Ion Ratio Lower Upper
164 100
166 114.9 98.3 147.5
129 100.2 79.7 119.5
131 95.0 80.2 120.4

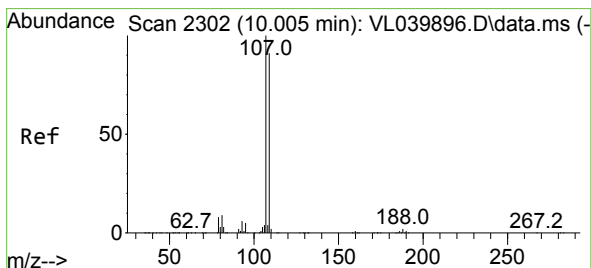
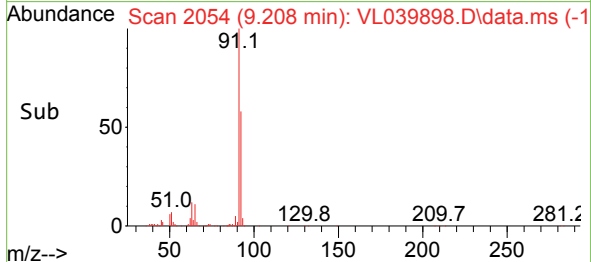
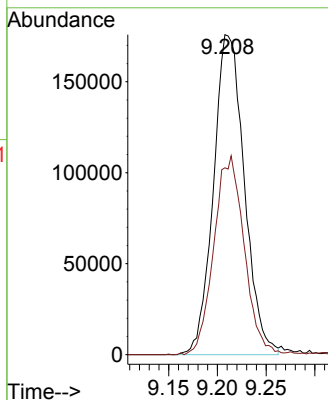
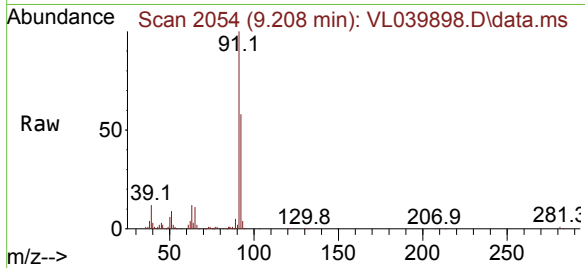




#53
Toluene
Concen: 1.032 ppbv
RT: 9.208 min Scan# 2054
Delta R.T. -0.006 min
Lab File: VL039898.D
Acq: 18 Nov 2022 10:04

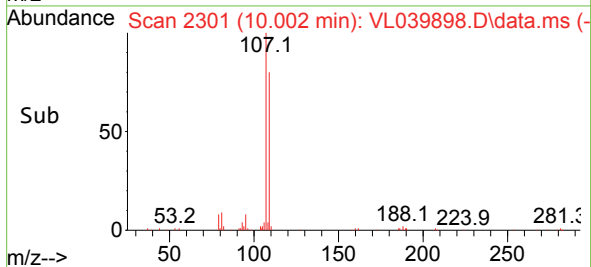
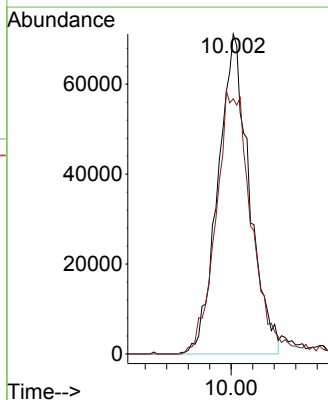
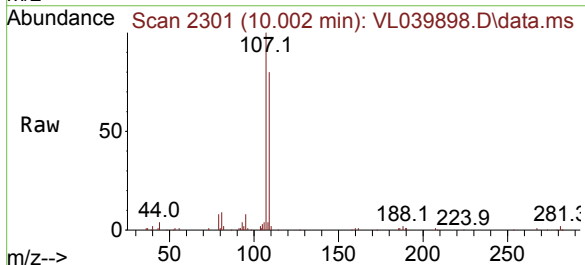
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

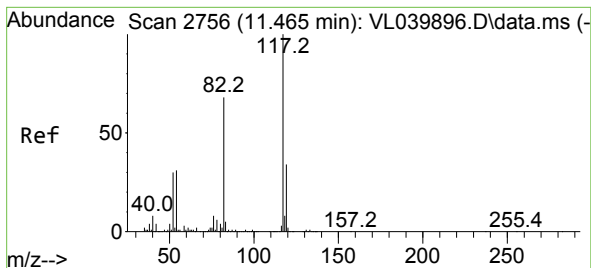
Tgt Ion: 91 Resp: 387454
Ion Ratio Lower Upper
91 100
92 61.7 49.8 74.6



#54
1,2-Dibromoethane
Concen: 1.019 ppbv
RT: 10.002 min Scan# 2301
Delta R.T. -0.003 min
Lab File: VL039898.D
Acq: 18 Nov 2022 10:04

Tgt Ion: 107 Resp: 143459
Ion Ratio Lower Upper
107 100
109 79.7 72.8 109.2

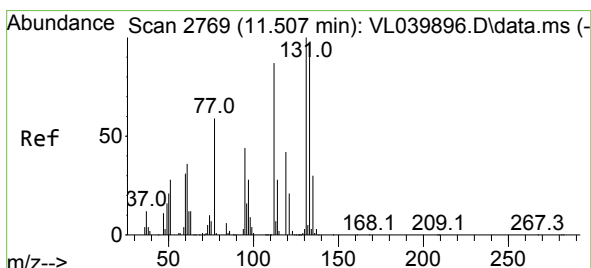
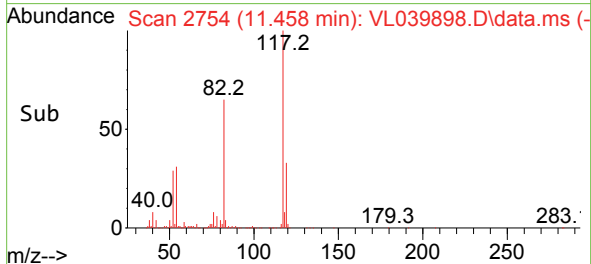
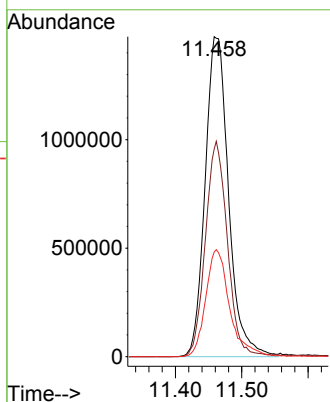
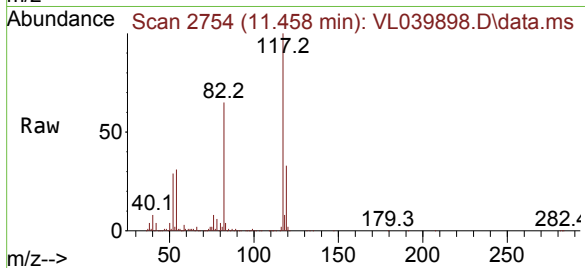




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.458 min Scan# 21
Delta R.T. -0.006 min
Lab File: VL039898.D
Acq: 18 Nov 2022 10:04

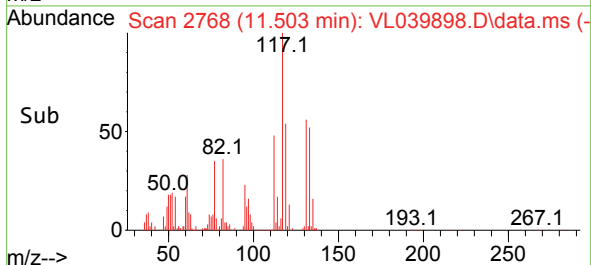
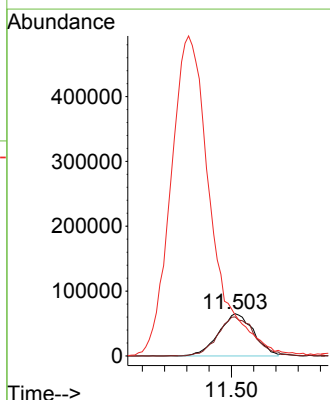
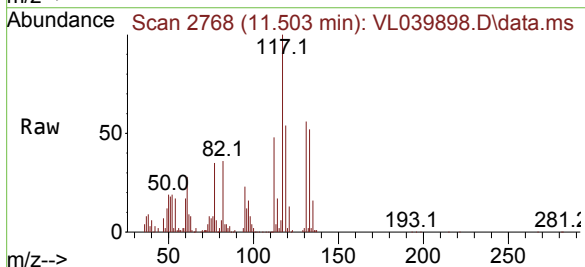
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

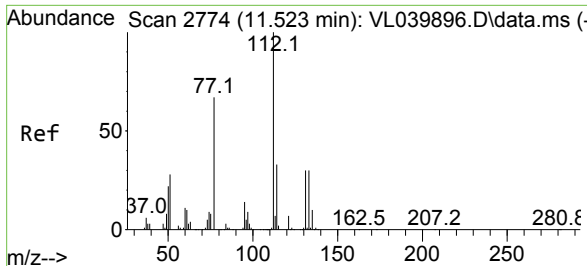
Tgt Ion:117 Resp: 3619963
Ion Ratio Lower Upper
117 100
82 63.8 52.3 78.5
119 34.2 25.7 38.5



#56
1,1,1,2-Tetrachloroethane
Concen: 0.965 ppbv
RT: 11.503 min Scan# 2768
Delta R.T. -0.003 min
Lab File: VL039898.D
Acq: 18 Nov 2022 10:04

Tgt Ion:131 Resp: 142740
Ion Ratio Lower Upper
131 100
133 97.5 76.7 115.1
119 872.1 46.6 69.8#

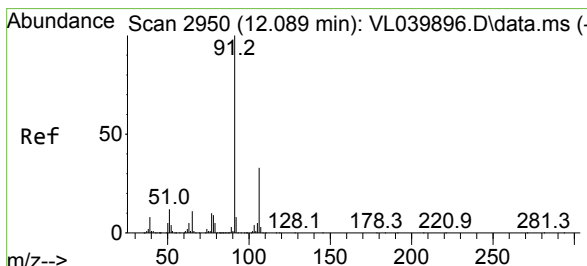
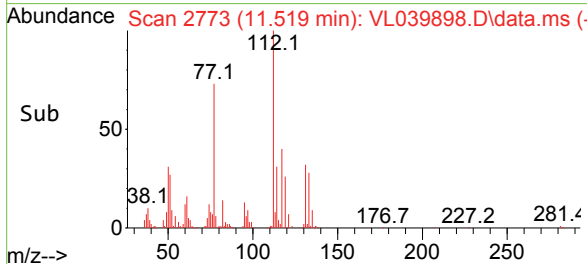
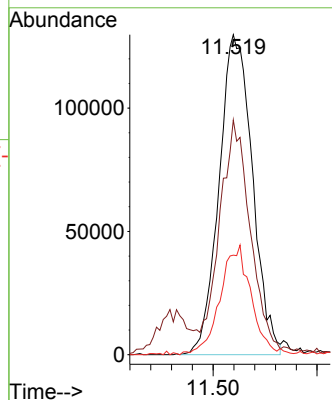
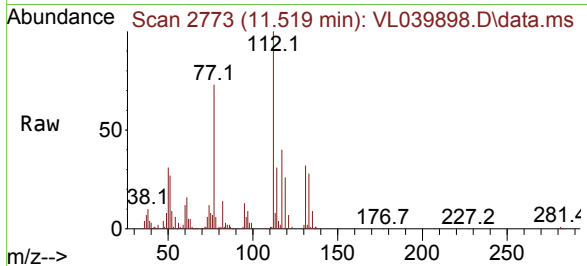




#57
Chlorobenzene
Concen: 1.044 ppbv
RT: 11.519 min Scan# 211
Delta R.T. -0.003 min
Lab File: VL039898.D
Acq: 18 Nov 2022 10:04

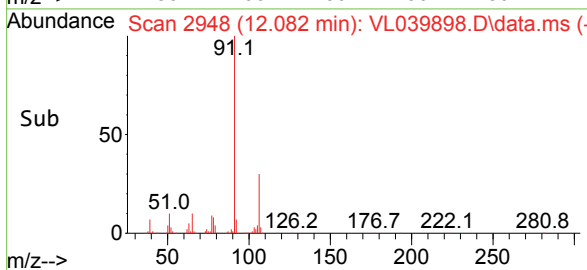
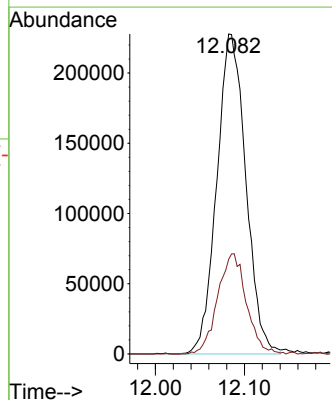
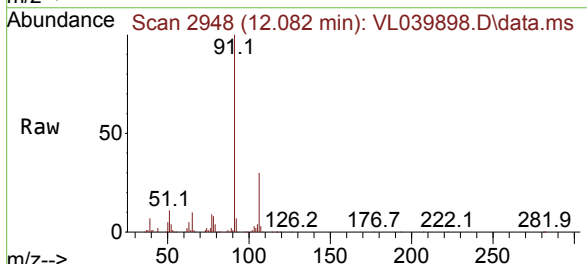
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

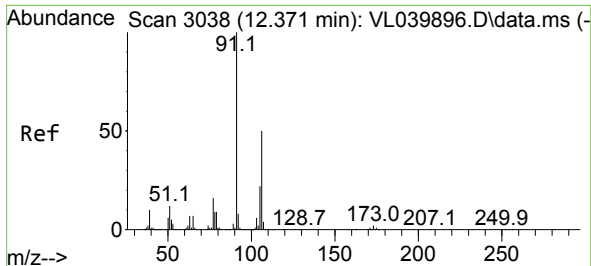
Tgt Ion:112 Resp: 289037
Ion Ratio Lower Upper
112 100
77 71.6 54.6 81.8
114 31.1 30.1 36.7



#58
Ethyl Benzene
Concen: 1.050 ppbv
RT: 12.082 min Scan# 2948
Delta R.T. -0.006 min
Lab File: VL039898.D
Acq: 18 Nov 2022 10:04

Tgt Ion: 91 Resp: 515690
Ion Ratio Lower Upper
91 100
106 29.6 26.1 39.1





#59

m/p-Xylene

Concen: 0.282 ppbv

RT: 12.365 min Scan# 3036

Delta R.T. -0.006 min

Lab File: VL039898.D

Acq: 18 Nov 2022 10:04

Instrument :

MSVOA_L

ClientSampleId :

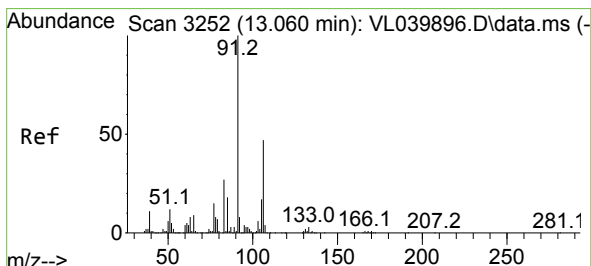
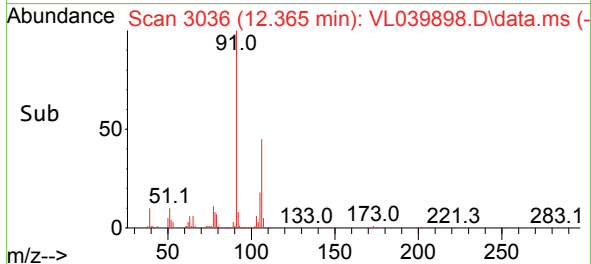
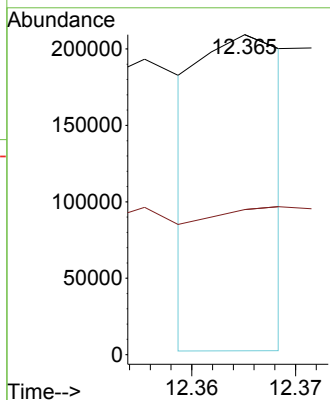
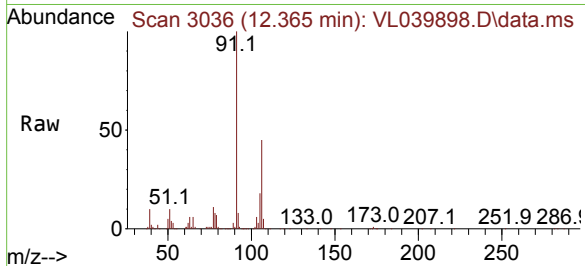
VSTDIC001

Tgt Ion: 91 Resp: 115777

Ion Ratio Lower Upper

91 100

106 333.2 37.0 55.6#



#60

o-Xylene

Concen: 1.064 ppbv

RT: 13.053 min Scan# 3250

Delta R.T. -0.006 min

Lab File: VL039898.D

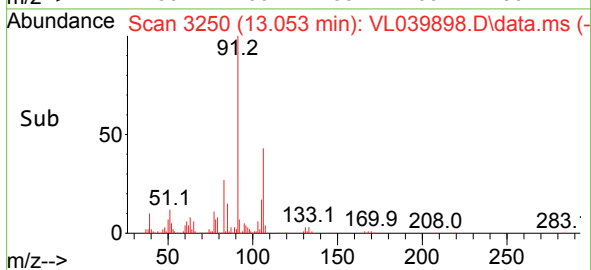
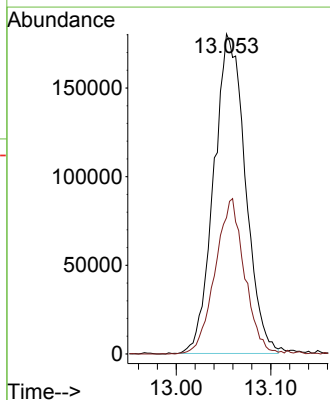
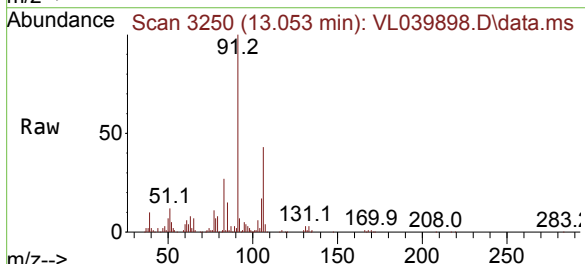
Acq: 18 Nov 2022 10:04

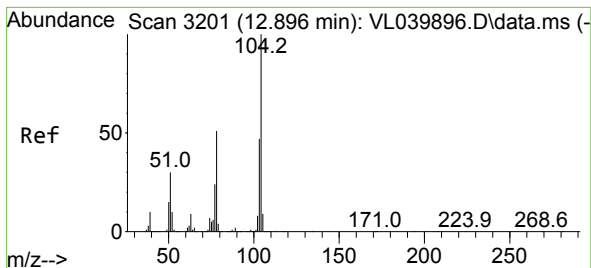
Tgt Ion: 91 Resp: 417092

Ion Ratio Lower Upper

91 100

106 45.9 23.2 69.6





#61

Styrene

Concen: 1.006 ppbv

RT: 12.896 min Scan# 3201

Delta R.T. 0.000 min

Lab File: VL039898.D

Acq: 18 Nov 2022 10:04

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC001

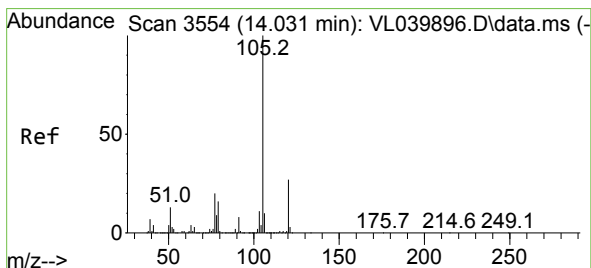
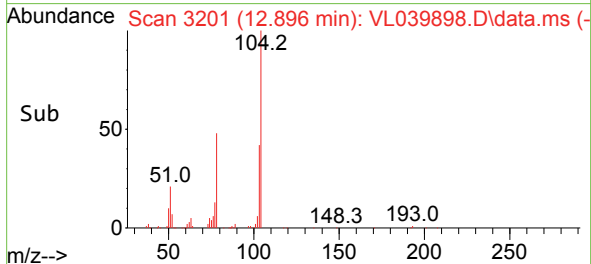
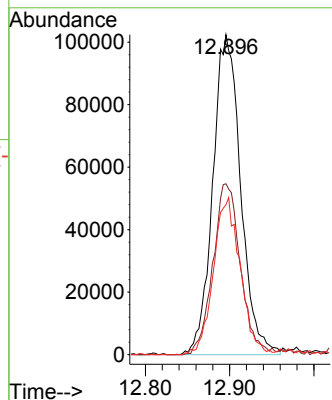
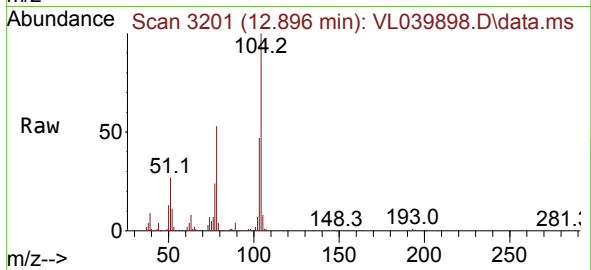
Tgt Ion:104 Resp: 235356

Ion Ratio Lower Upper

104 100

78 53.7 41.8 62.8

103 48.1 37.2 55.8



#62

Isopropylbenzene

Concen: 1.042 ppbv

RT: 14.031 min Scan# 3554

Delta R.T. 0.000 min

Lab File: VL039898.D

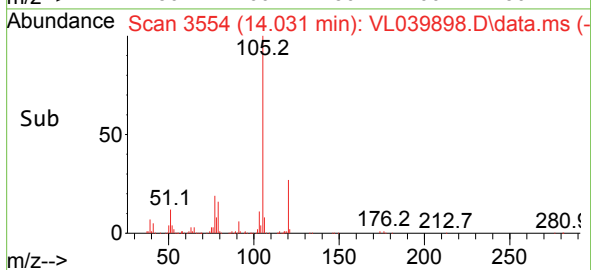
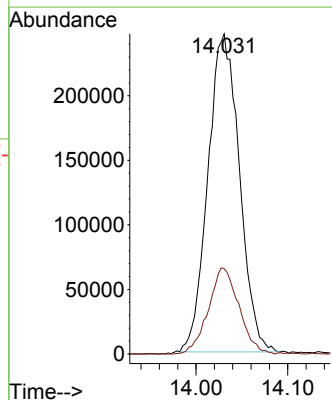
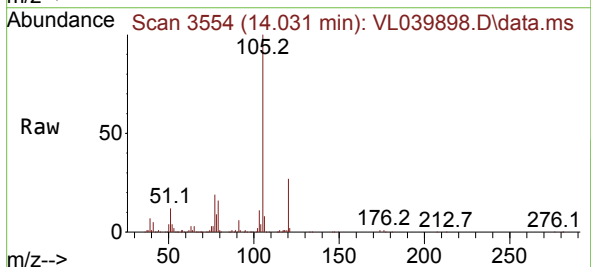
Acq: 18 Nov 2022 10:04

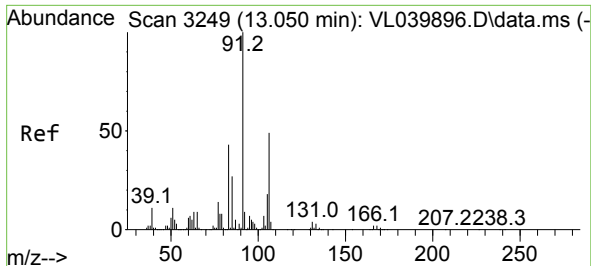
Tgt Ion:105 Resp: 589027

Ion Ratio Lower Upper

105 100

120 26.4 21.4 32.2

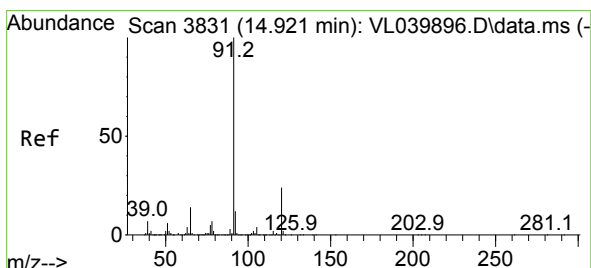
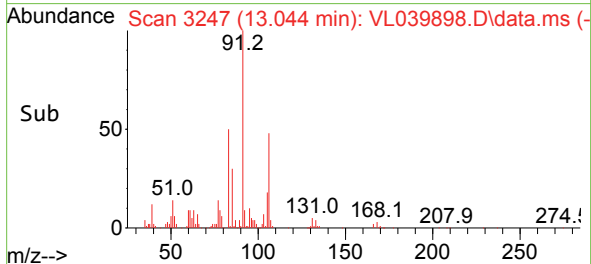
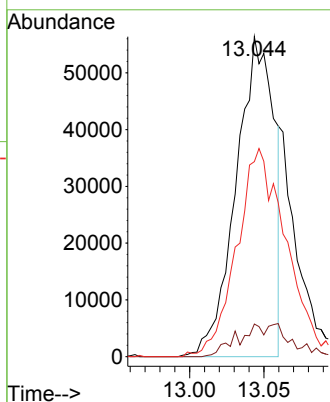
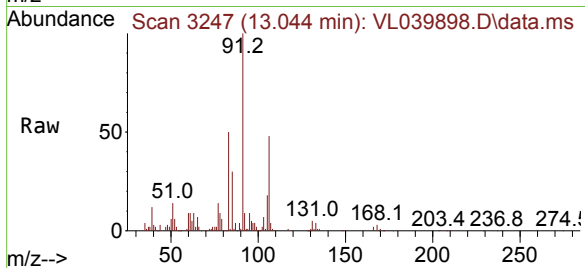




#63
1,1,2,2-Tetrachloroethane
Concen: 0.766 ppbv
RT: 13.044 min Scan# 31
Delta R.T. -0.006 min
Lab File: VL039898.D
Acq: 18 Nov 2022 10:04

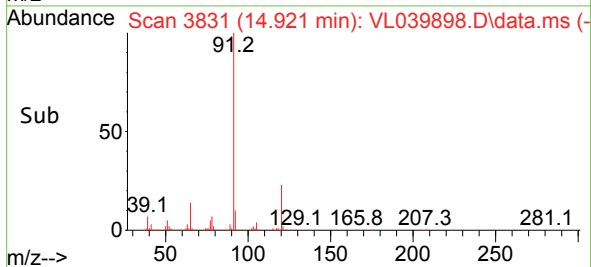
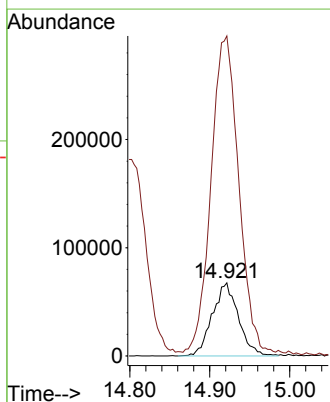
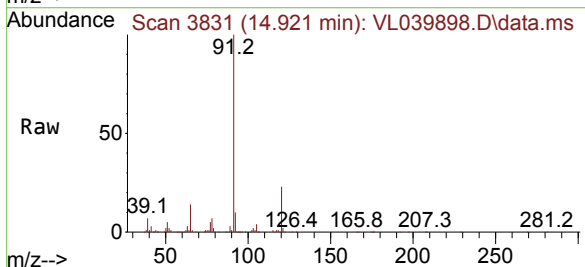
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

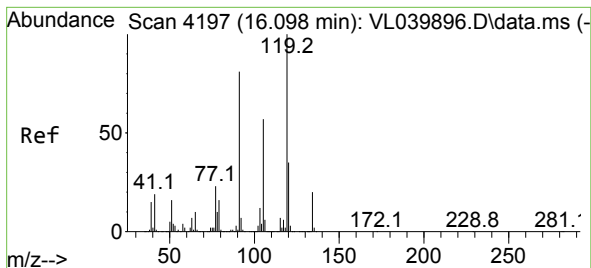
Tgt Ion: 83 Resp: 100207
Ion Ratio Lower Upper
83 100
131 13.7 4.6 13.8
85 86.8 33.0 99.0



#64
n-propylbenzene
Concen: 1.033 ppbv
RT: 14.921 min Scan# 3831
Delta R.T. 0.000 min
Lab File: VL039898.D
Acq: 18 Nov 2022 10:04

Tgt Ion:120 Resp: 152717
Ion Ratio Lower Upper
120 100
91 473.7 353.7 530.5

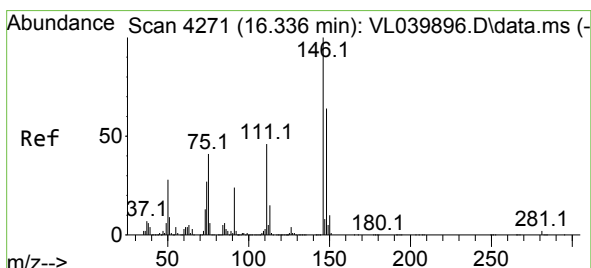
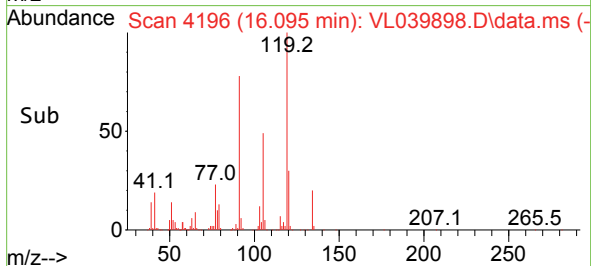
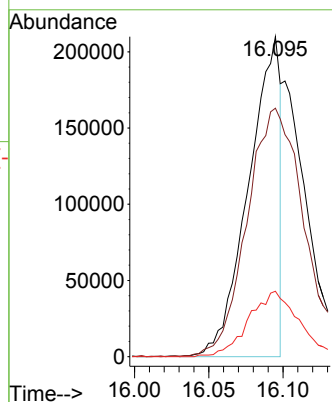
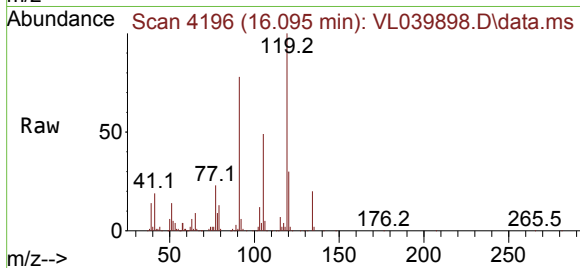




#65
 tert-Butylbenzene
 Concen: 0.631 ppbv
 RT: 16.095 min Scan# 4196
 Delta R.T. -0.003 min
 Lab File: VL039898.D
 Acq: 18 Nov 2022 10:04

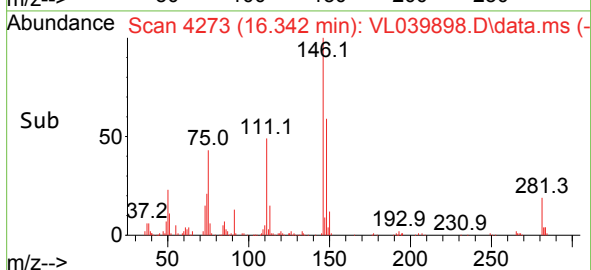
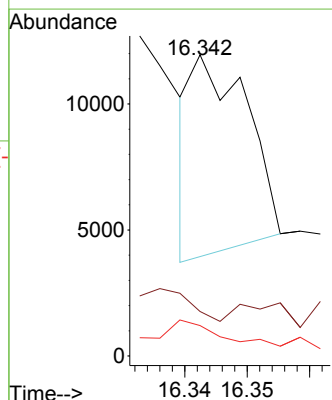
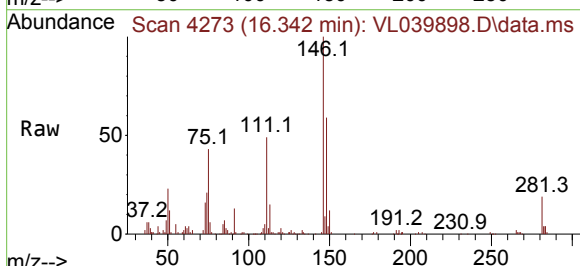
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC001

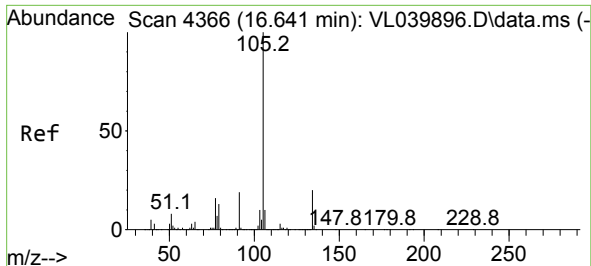
Tgt Ion:119 Resp: 312142
 Ion Ratio Lower Upper
 119 100
 91 141.4 65.8 98.8#
 134 32.6 16.1 24.1#



#66
 Benzyl Chloride
 Concen: 0.114 ppbv
 RT: 16.342 min Scan# 4273
 Delta R.T. 0.006 min
 Lab File: VL039898.D
 Acq: 18 Nov 2022 10:04

Tgt Ion: 91 Resp: 4843
 Ion Ratio Lower Upper
 91 100
 126 180.1 15.0 22.6#
 128 59.0 4.6 7.0#

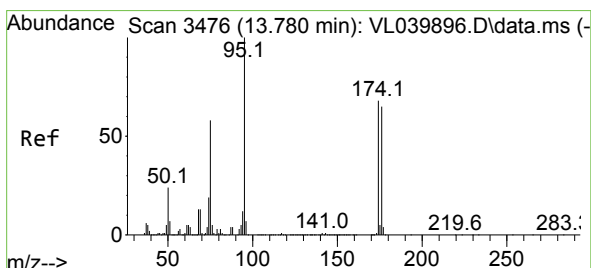
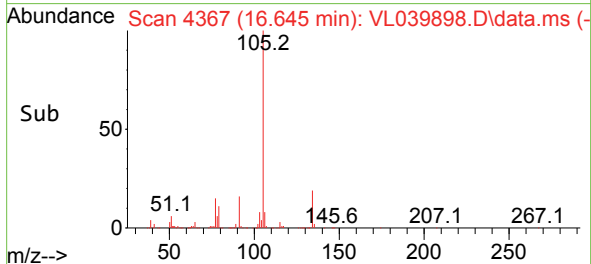
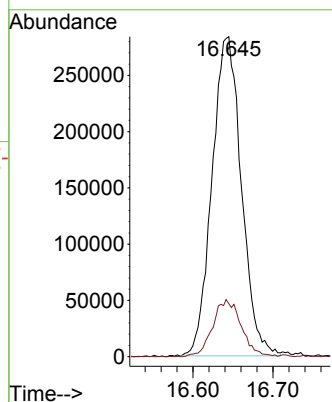
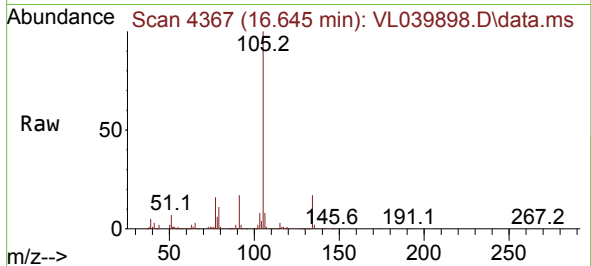




#67
 sec-Butylbenzene
 Concen: 1.065 ppbv
 RT: 16.645 min Scan# 41
 Delta R.T. 0.003 min
 Lab File: VL039898.D
 Acq: 18 Nov 2022 10:04

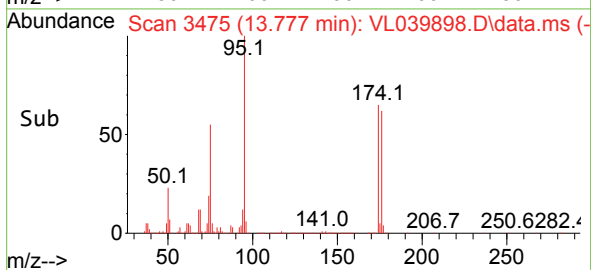
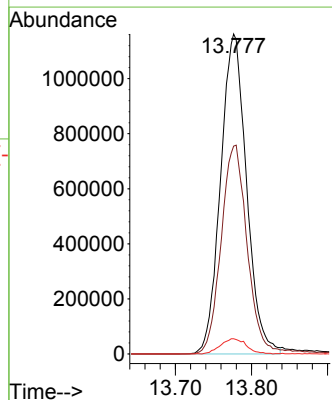
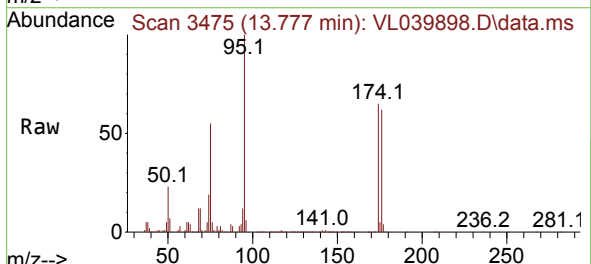
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC001

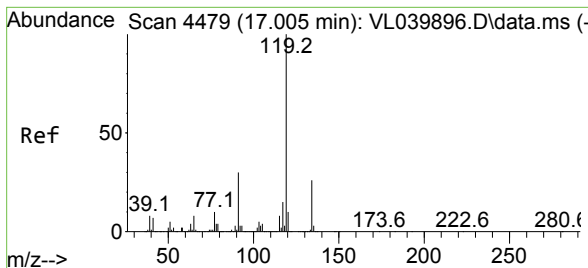
Tgt Ion:105 Resp: 724390
 Ion Ratio Lower Upper
 105 100
 134 17.6 15.0 22.6



#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.957 ppbv
 RT: 13.777 min Scan# 3475
 Delta R.T. -0.003 min
 Lab File: VL039898.D
 Acq: 18 Nov 2022 10:04

Tgt Ion: 95 Resp: 2753157
 Ion Ratio Lower Upper
 95 100
 174 66.5 53.7 80.5
 175 4.9 4.0 6.0

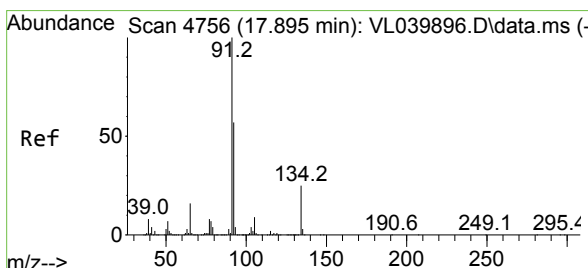
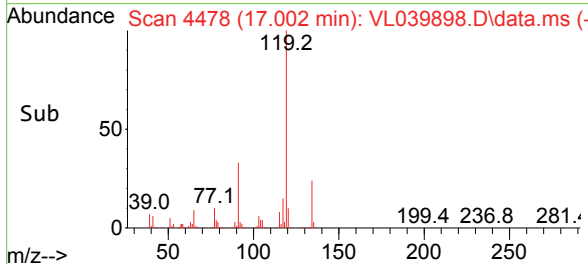
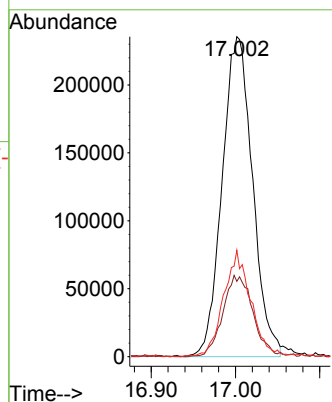
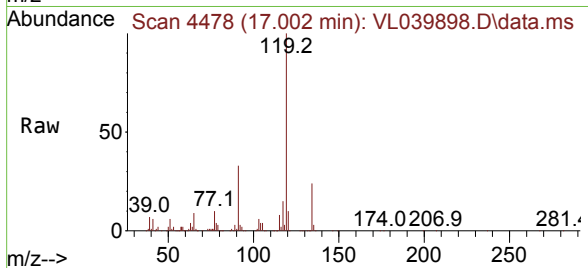




#69
p-Isopropyltoluene
Concen: 1.052 ppbv
RT: 17.002 min Scan# 4479
Delta R.T. -0.003 min
Lab File: VL039898.D
Acq: 18 Nov 2022 10:04

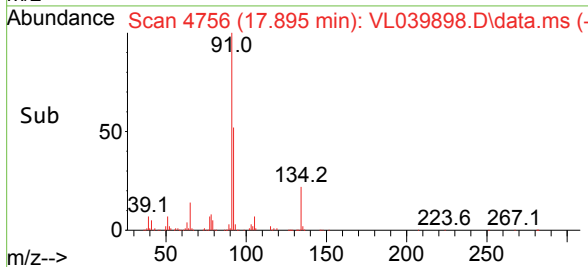
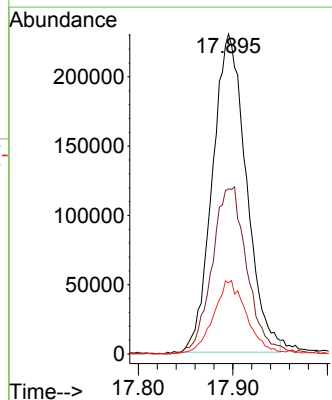
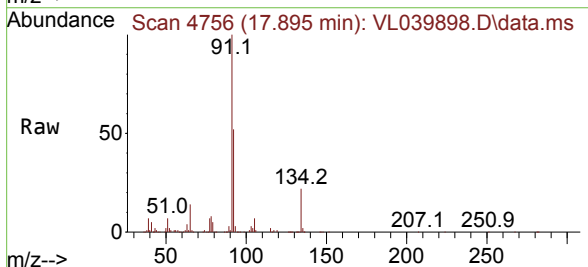
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

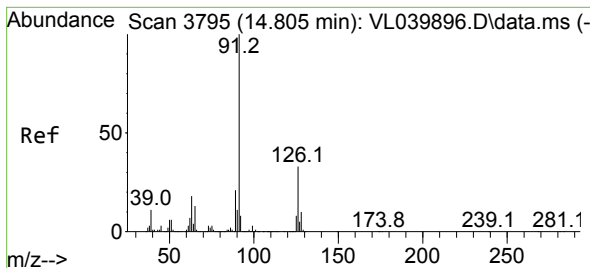
Tgt Ion:119 Resp: 589311
Ion Ratio Lower Upper
119 100
134 25.6 21.0 31.4
91 30.1 24.4 36.6



#70
n-Butylbenzene
Concen: 1.030 ppbv
RT: 17.895 min Scan# 4756
Delta R.T. 0.000 min
Lab File: VL039898.D
Acq: 18 Nov 2022 10:04

Tgt Ion: 91 Resp: 572010
Ion Ratio Lower Upper
91 100
92 54.5 44.2 66.2
134 23.2 18.8 28.2

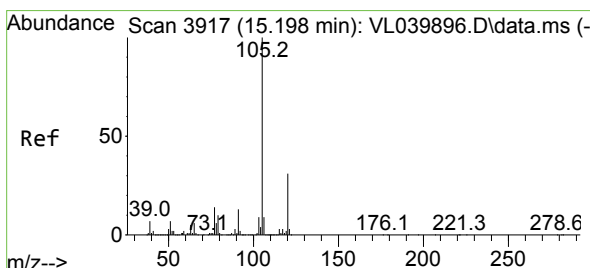
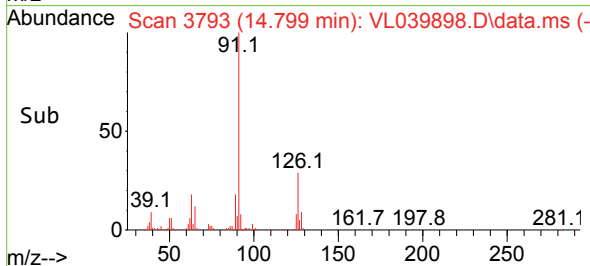
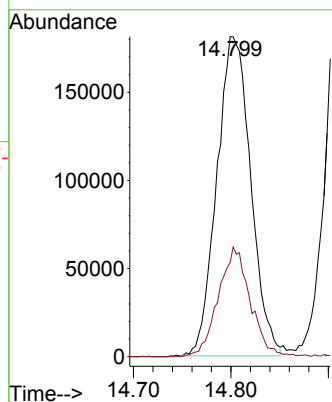
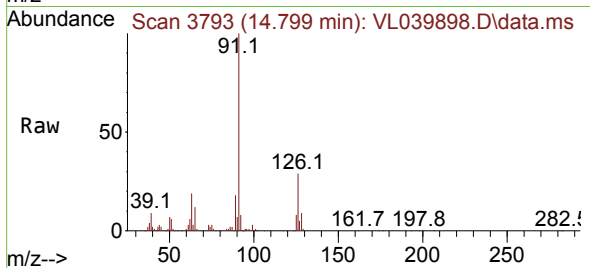




#71
2-Chlorotoluene
Concen: 1.023 ppbv
RT: 14.799 min Scan# 3795
Delta R.T. -0.006 min
Lab File: VL039898.D
Acq: 18 Nov 2022 10:04

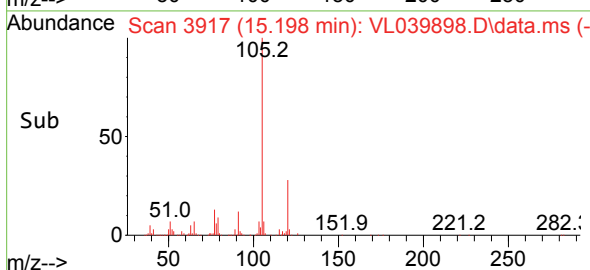
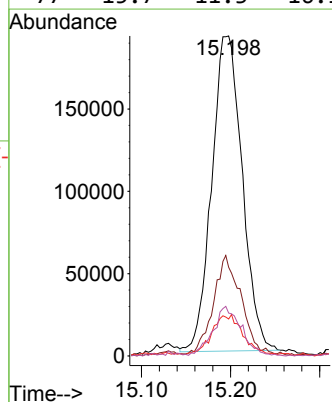
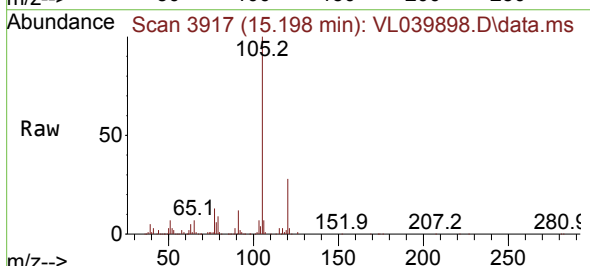
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

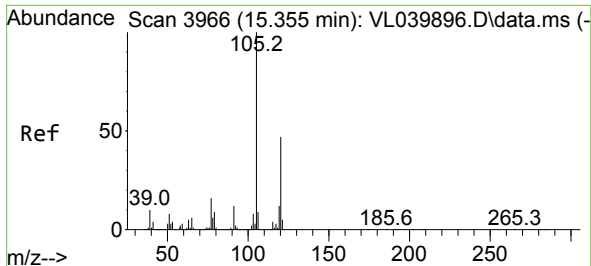
Tgt Ion: 91 Resp: 438197
Ion Ratio Lower Upper
91 100
126 32.1 12.8 51.0



#72
4-Ethyltoluene
Concen: 1.033 ppbv
RT: 15.198 min Scan# 3917
Delta R.T. 0.000 min
Lab File: VL039898.D
Acq: 18 Nov 2022 10:04

Tgt Ion: 105 Resp: 455201
Ion Ratio Lower Upper
105 100
120 31.2 24.5 36.7
91 13.4 10.4 15.6
77 15.7 11.3 16.9

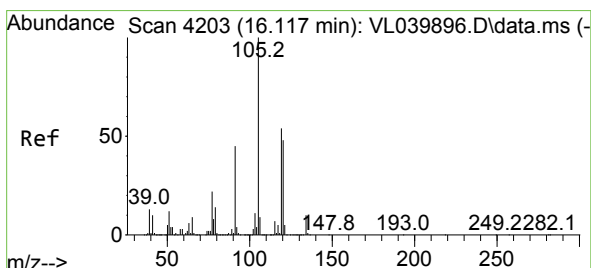
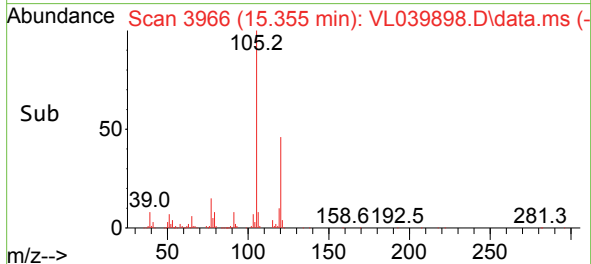
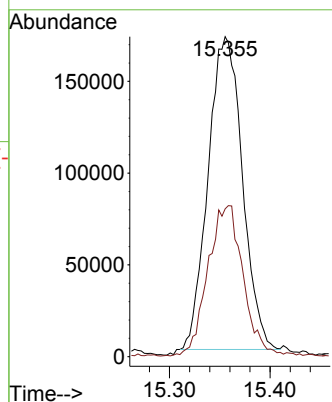
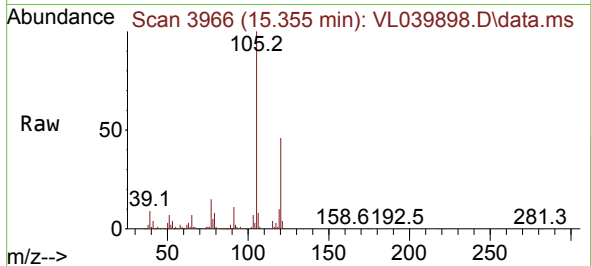




#73
 1,3,5-Trimethylbenzene
 Concen: 1.000 ppbv
 RT: 15.355 min Scan# 3966
 Delta R.T. 0.000 min
 Lab File: VL039898.D
 Acq: 18 Nov 2022 10:04

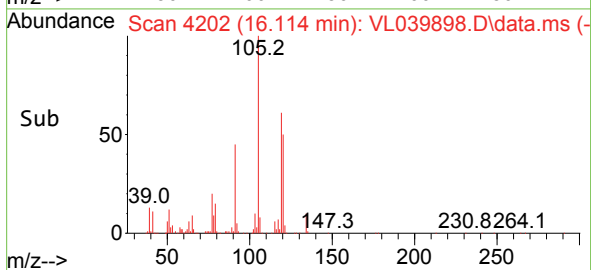
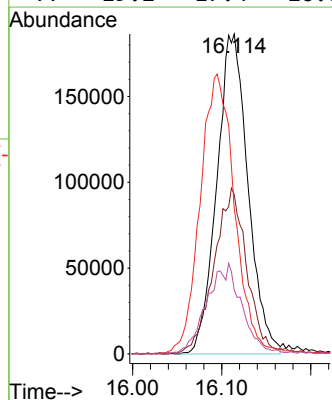
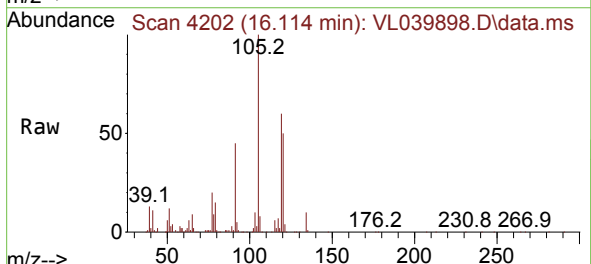
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC001

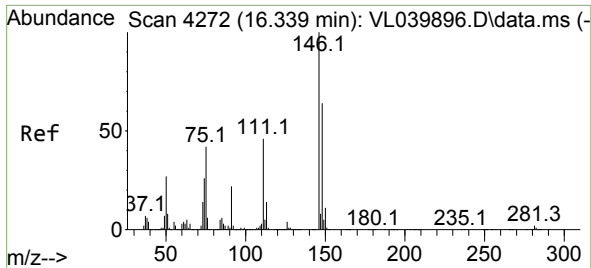
Tgt Ion:105 Resp: 403479
 Ion Ratio Lower Upper
 105 100
 120 46.6 37.9 56.9



#74
 1,2,4-Trimethylbenzene
 Concen: 1.062 ppbv
 RT: 16.114 min Scan# 4202
 Delta R.T. -0.003 min
 Lab File: VL039898.D
 Acq: 18 Nov 2022 10:04

Tgt Ion:105 Resp: 453555
 Ion Ratio Lower Upper
 105 100
 120 49.3 38.7 58.1
 91 43.4 36.4 54.6
 77 19.2 17.4 26.0

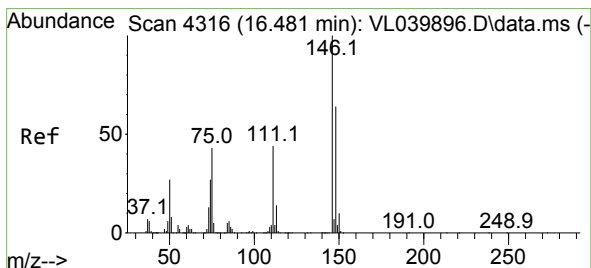
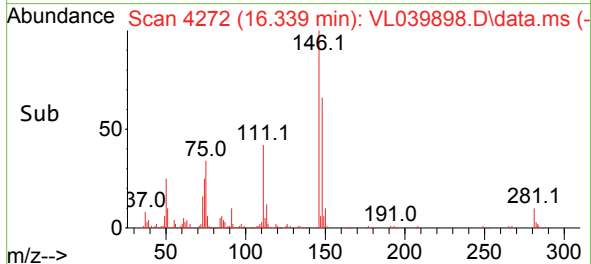
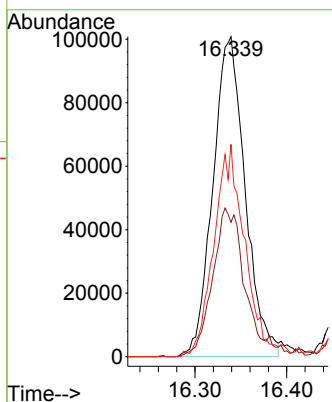
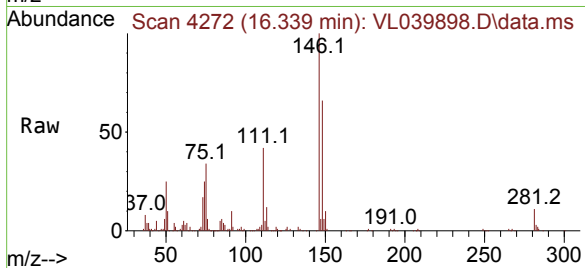




#75
1,3-Dichlorobenzene
Concen: 1.025 ppbv
RT: 16.339 min Scan# 4272
Delta R.T. 0.000 min
Lab File: VL039898.D
Acq: 18 Nov 2022 10:04

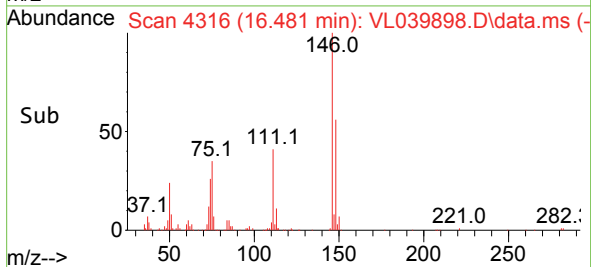
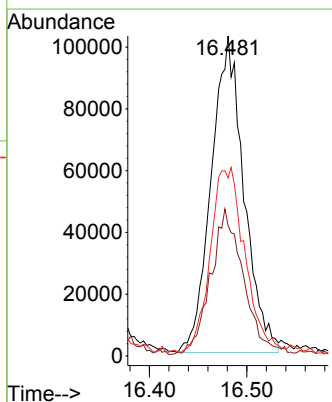
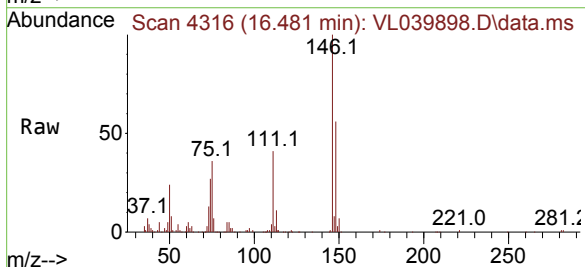
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

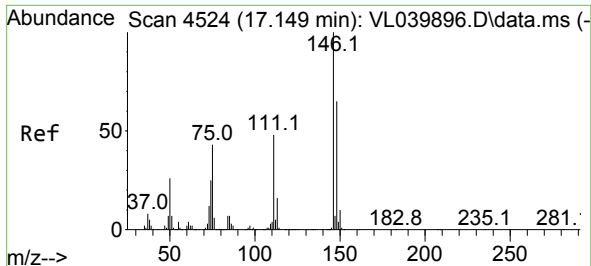
Tgt Ion:146 Resp: 246369
Ion Ratio Lower Upper
146 100
111 47.6 23.3 69.9
148 64.4 32.2 96.6



#76
1,4-Dichlorobenzene
Concen: 1.002 ppbv
RT: 16.481 min Scan# 4316
Delta R.T. 0.000 min
Lab File: VL039898.D
Acq: 18 Nov 2022 10:04

Tgt Ion:146 Resp: 238694
Ion Ratio Lower Upper
146 100
111 45.7 22.4 67.3
148 65.2 32.3 96.9

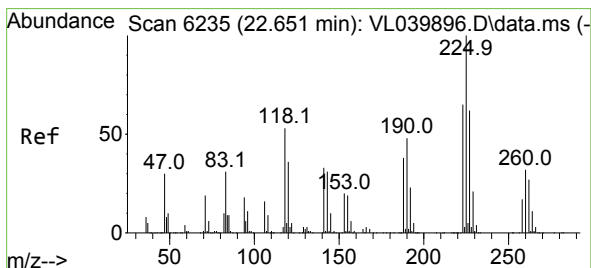
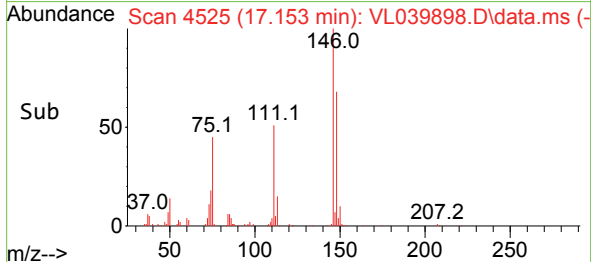
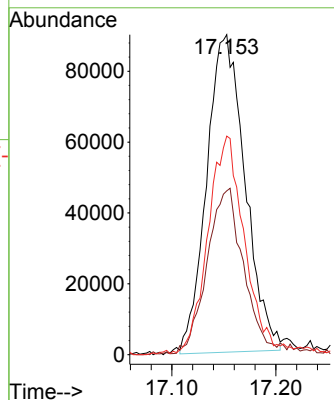
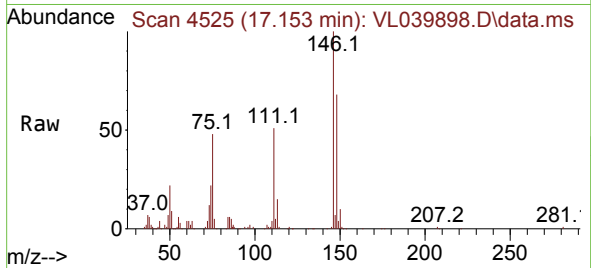




#77
1,2-Dichlorobenzene
Concen: 0.994 ppbv
RT: 17.153 min Scan# 4525
Delta R.T. 0.003 min
Lab File: VL039898.D
Acq: 18 Nov 2022 10:04

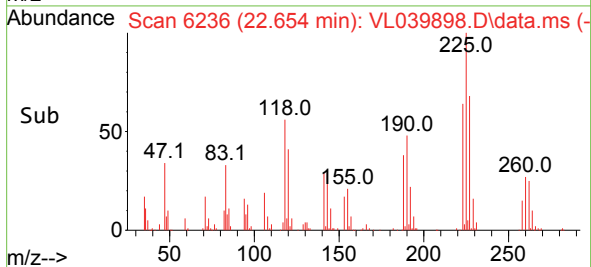
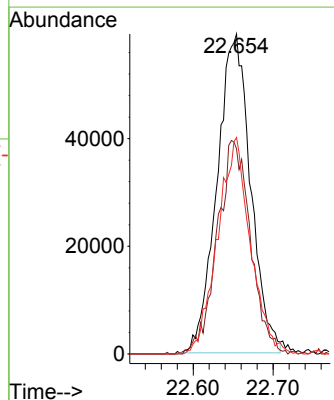
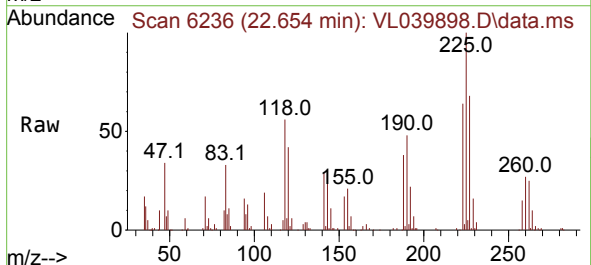
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

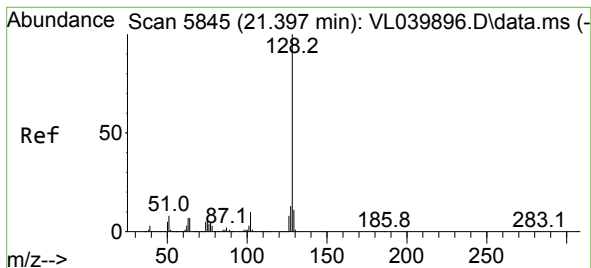
Tgt Ion:146 Resp: 230135
Ion Ratio Lower Upper
146 100
111 51.8 24.1 72.3
148 68.1 32.4 97.2



#78
Hexachloro-1,3-Butadiene
Concen: 1.074 ppbv
RT: 22.654 min Scan# 6236
Delta R.T. 0.003 min
Lab File: VL039898.D
Acq: 18 Nov 2022 10:04

Tgt Ion:225 Resp: 172579
Ion Ratio Lower Upper
225 100
223 66.4 50.7 76.1
227 66.3 50.8 76.2





#79

Naphthalene

Concen: 1.020 ppbv

RT: 21.400 min Scan# 5846

Delta R.T. 0.003 min

Lab File: VL039898.D

Acq: 18 Nov 2022 10:04

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC001

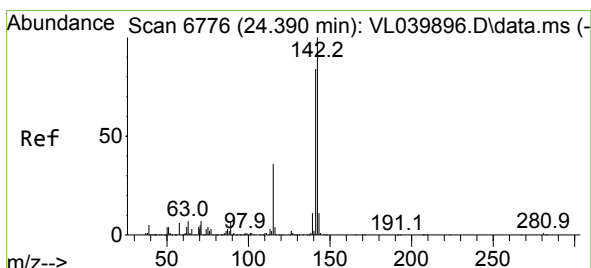
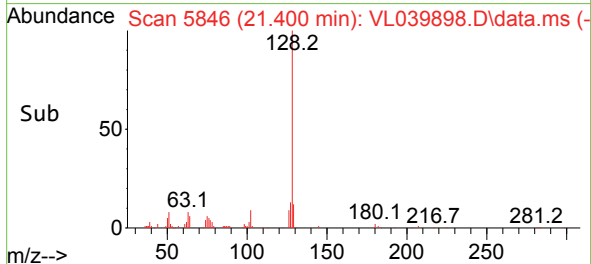
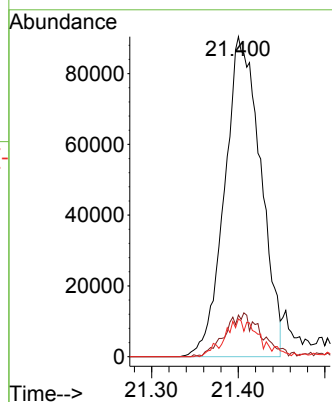
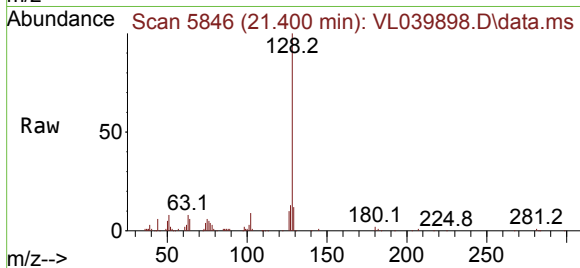
Tgt Ion:128 Resp: 260634

Ion Ratio Lower Upper

128 100

127 13.0 10.0 15.0

129 11.8 8.8 13.2



#80

Naphthalene,2-methyl-

Concen: 0.840 ppbv

RT: 24.394 min Scan# 6777

Delta R.T. 0.003 min

Lab File: VL039898.D

Acq: 18 Nov 2022 10:04

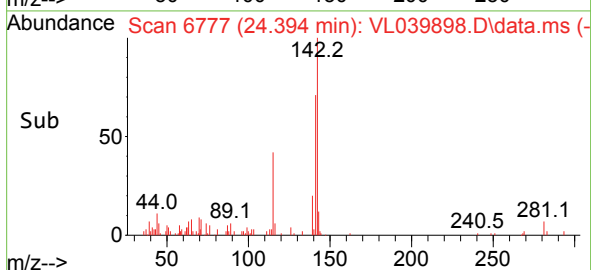
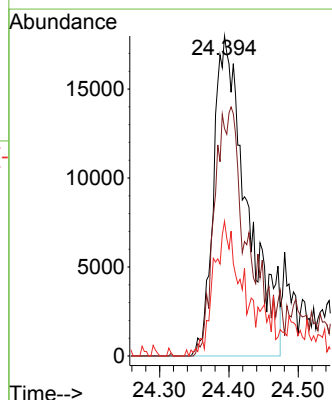
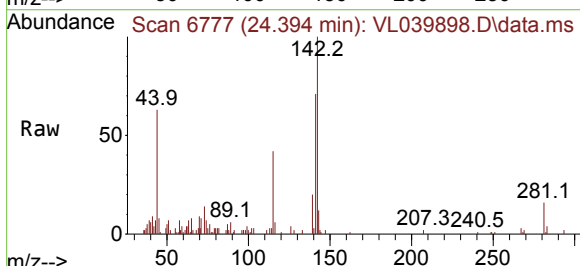
Tgt Ion:142 Resp: 60403

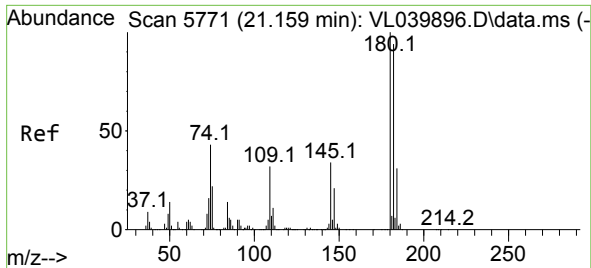
Ion Ratio Lower Upper

142 100

141 89.7 69.1 103.7

115 42.7 29.6 44.4





#81
 1,2,4-Trichlorobenzene
 Concen: 0.392 ppbv
 RT: 21.149 min Scan# 51
 Delta R.T. -0.010 min
 Lab File: VL039898.D
 Acq: 18 Nov 2022 10:04

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC001

Tgt Ion:180 Resp: 61883
 Ion Ratio Lower Upper
 180 100
 182 0.0 77.0 115.6#
 184 0.0 25.2 37.8#

