

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL111822\
 Data File : VL039902.D
 Acq On : 18 Nov 2022 12:34
 Operator : SY/AP
 Sample : VSTDIC015
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC015

Quant Time: Nov 19 04:53:28 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	5.182	49	1223454	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.645	114	3762765	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.471	117	3668805	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.786	95	2741347	9.783	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.800%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.713	85	2072059	11.825	ppbv	97
3) Chlorodifluoromethane	2.658	51	2396942	14.197	ppbv	97
4) Chloromethane	2.796	50	1539688	14.272	ppbv	99
5) Vinyl Chloride	2.902	62	1332316	15.804	ppbv	98
6) Bromomethane	3.102	94	457756	15.919	ppbv	99
7) Chloroethane	3.179	64	501805	15.059	ppbv	98
8) Dichlorotetrafluoroethane	2.841	85	2785673	13.923	ppbv	99
9) Propene	2.674	41	1072147	13.482	ppbv	96
10) Heptane	7.574	43	2824281	14.718	ppbv	99
11) Trichlorofluoromethane	3.545	101	3211954	15.028	ppbv	99
12) 1,1,2-Trichlorotrifluo...	4.050	101	2437423	15.068	ppbv	97
13) Ethanol	3.224	45	67262	11.078	ppbv	83
14) Bromoethene	3.349	108	996378	15.795	ppbv	99
15) Acetone	3.452	43	2278788	14.043	ppbv	99
16) 1,3-Butadiene	2.967	39	1210523	14.968	ppbv	97
17) tert-Butyl alcohol	3.861	59	2679061	14.359	ppbv	100
18) 1,1-Dichloroethene	3.864	96	1108318	15.020	ppbv	98
19) Isopropyl Alcohol	3.558	45	1307710	14.884	ppbv	99
20) Methylene Chloride	3.918	84	921504	11.721	ppbv	97
21) Allyl Chloride	3.980	41	1741077	15.467	ppbv	99
22) trans-1,2-Dichloroethene	4.433	96	1161869	15.484	ppbv	98
23) Vinyl Acetate	4.613	43	1046314	15.695	ppbv	100
24) 1,1-Dichloroethane	4.552	63	2381451	14.815	ppbv	99
25) Ethyl Acetate	5.192	43	4349904	14.600	ppbv	99
26) Hexane	5.201	57	1874370	14.401	ppbv	100
27) Carbon Disulfide	4.111	76	2746222	16.712	ppbv	98
28) Methyl tert-Butyl Ether	4.571	73	2387550	14.651	ppbv	99
29) Chloroform	5.262	83	2789591	16.128	ppbv	99
30) Cyclohexane	6.594	84	1914462	14.988	ppbv	95
31) cis-1,2-Dichloroethene	5.066	61	1869394	15.546	ppbv	98
32) 1,1,1-Trichloroethane	5.992	97	3485330	16.135	ppbv	98
34) 2-Butanone	4.774	43	2719453	15.104	ppbv	98
35) Carbon Tetrachloride	6.484	117	3538240	16.558	ppbv	98
36) Benzene	6.362	78	4596729	14.372	ppbv	98
37) 1,2-Dichloroethane	5.796	62	2683246	15.309	ppbv	100
38) Trichloroethene	7.285	130	2581018	14.436	ppbv	98
39) 1,2-Dichloropropane	7.066	63	1786391	14.336	ppbv	97
40) 1,4-Dioxane	7.278	88	747724	15.062	ppbv	83
41) Tetrahydrofuran	5.545	42	1802718	14.503	ppbv	96
42) Bromodichloromethane	7.243	83	3799372	15.984	ppbv	99
43) Methyl Methacrylate	7.471	69	1912708	15.253	ppbv	99
44) 2,2,4-Trimethylpentane	7.320	57	7324233	13.718	ppbv	99
45) t-1,3-Dichloropropene	8.706	75	2009829	17.348	ppbv	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL111822\
 Data File : VL039902.D
 Acq On : 18 Nov 2022 12:34
 Operator : SY/AP
 Sample : VSTDIC015
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC015

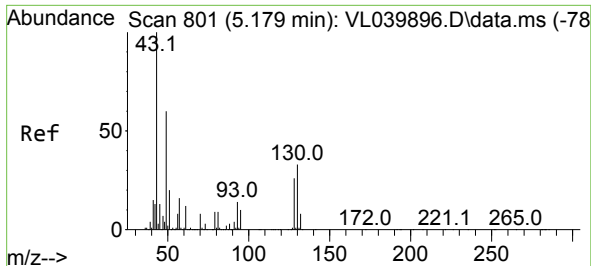
Quant Time: Nov 19 04:53:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL111822AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri Nov 18 14:05:14 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.137	75	2577741	16.062	ppbv	98
47) 1,1,2-Trichloroethane	8.899	97	1887084	14.735	ppbv	98
48) Dibromochloromethane	9.712	129	3232170	17.231	ppbv	99
49) Bromoform	12.416	173	2676854	17.630	ppbv	100
50) 4-Methyl-2-Pentanone	8.179	43	4723701	14.649	ppbv	100
51) 2-Hexanone	9.548	43	3786131	15.125	ppbv #	100
52) Tetrachloroethene	10.616	164	1676311	14.010	ppbv	97
53) Toluene	9.220	91	5237393	14.375	ppbv	100
54) 1,2-Dibromoethane	10.011	107	2232525	16.335	ppbv	98
56) 1,1,1,2-Tetrachloroethane	11.510	131	2277736	15.188	ppbv #	93
57) Chlorobenzene	11.529	112	3993426	14.236	ppbv	99
58) Ethyl Benzene	12.092	91	6916378	13.896	ppbv	98
59) m/p-Xylene	12.378	91	6414620	15.398	ppbv #	43
60) o-Xylene	13.066	91	5551286	13.973	ppbv	99
61) Styrene	12.905	104	3579098	15.093	ppbv	99
62) Isopropylbenzene	14.040	105	7885262	13.764	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.053	83	1930810	14.555	ppbv	99
64) n-propylbenzene	14.928	120	2177358	14.529	ppbv	94
65) tert-Butylbenzene	16.104	119	6881361	13.731	ppbv	100
66) Benzyl Chloride	16.339	91	734599	17.104	ppbv	99
67) sec-Butylbenzene	16.651	105	9319494	13.524	ppbv	99
69) p-Isopropyltoluene	17.008	119	7799916	13.741	ppbv	99
70) n-Butylbenzene	17.902	91	7830806	13.915	ppbv	99
71) 2-Chlorotoluene	14.809	91	6078135	13.997	ppbv	99
72) 4-Ethyltoluene	15.204	105	6500647	14.557	ppbv	99
73) 1,3,5-Trimethylbenzene	15.365	105	5819693	14.236	ppbv	99
74) 1,2,4-Trimethylbenzene	16.121	105	6060100	14.003	ppbv #	92
75) 1,3-Dichlorobenzene	16.346	146	3593362	14.757	ppbv	99
76) 1,4-Dichlorobenzene	16.487	146	3519463	14.580	ppbv	98
77) 1,2-Dichlorobenzene	17.156	146	3390646	14.444	ppbv	100
78) Hexachloro-1,3-Butadiene	22.654	225	2104210	12.918	ppbv	100
79) Naphthalene	21.403	128	4236727	16.357	ppbv	99
80) Naphthalene,2-methyl-	24.394	142	1395347	19.154	ppbv	94
81) 1,2,4-Trichlorobenzene	21.159	180	2341441	14.638	ppbv	99

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

Quant Time: Nov 19 04:53:28 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL111822AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Fri Nov 18 14:05:14 2022
Response via : Initial Calibration

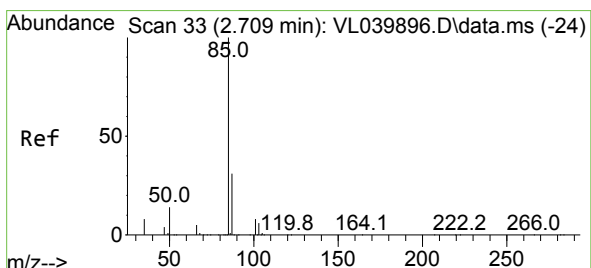
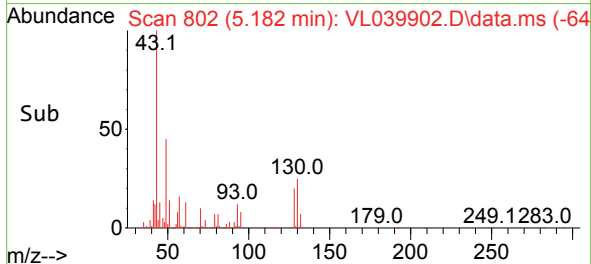
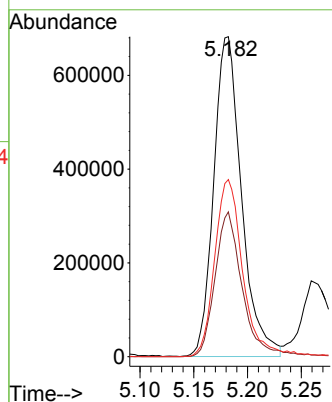
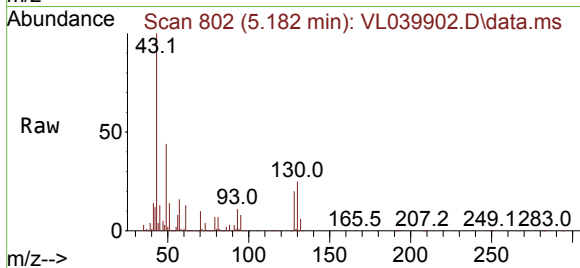




#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.182 min Scan# 80
 Delta R.T. 0.003 min
 Lab File: VL039902.D
 Acq: 18 Nov 2022 12:34

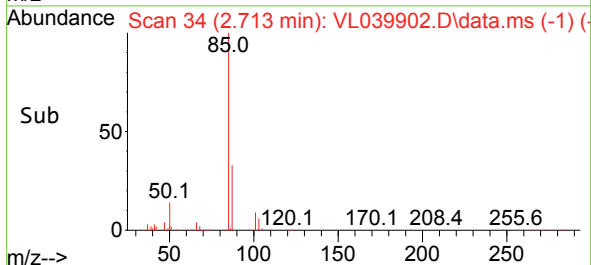
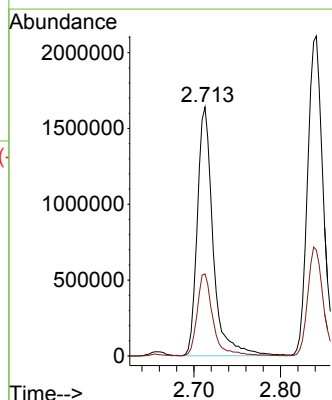
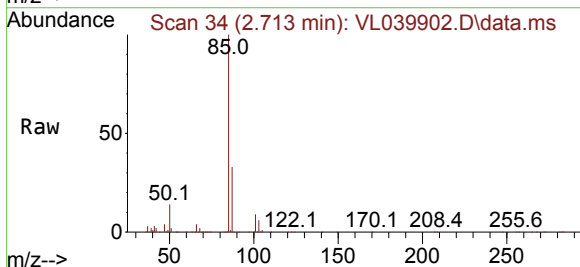
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC015

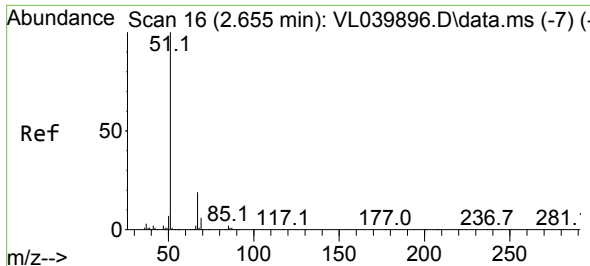
Tgt Ion: 49 Resp: 1223454
 Ion Ratio Lower Upper
 49 100
 128 45.1 22.1 66.3
 130 56.9 27.7 83.1



#2
 Dichlorodifluoromethane
 Concen: 11.825 ppbv
 RT: 2.713 min Scan# 34
 Delta R.T. 0.003 min
 Lab File: VL039902.D
 Acq: 18 Nov 2022 12:34

Tgt Ion: 85 Resp: 2072059
 Ion Ratio Lower Upper
 85 100
 87 33.0 25.0 37.4

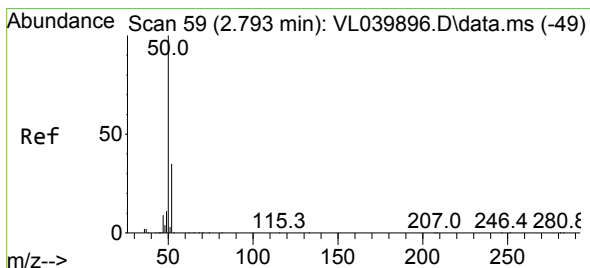
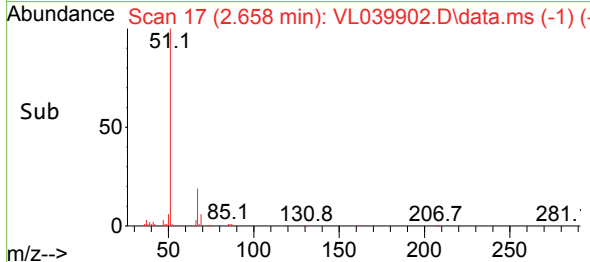
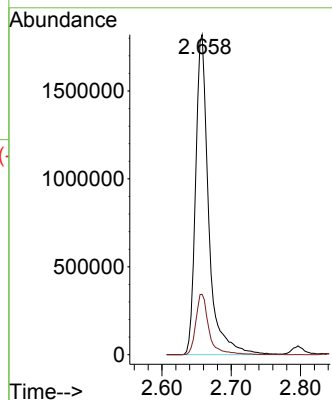
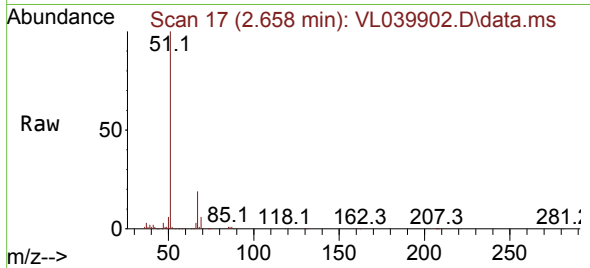




#3
Chlorodifluoromethane
Concen: 14.197 ppbv
RT: 2.658 min Scan# 11
Delta R.T. 0.003 min
Lab File: VL039902.D
Acq: 18 Nov 2022 12:34

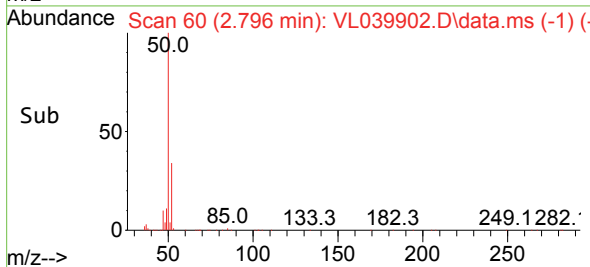
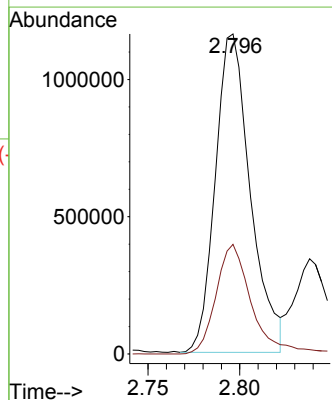
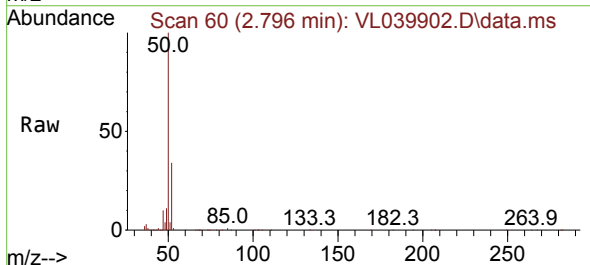
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

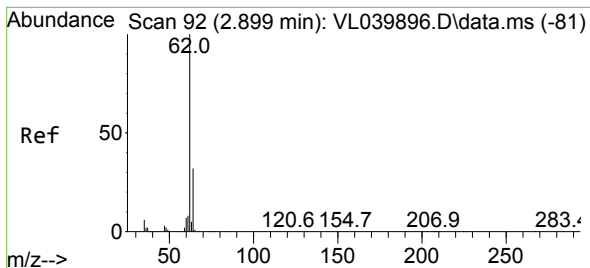
Tgt Ion: 51 Resp: 2396942
Ion Ratio Lower Upper
51 100
67 19.0 14.2 21.4



#4
Chloromethane
Concen: 14.272 ppbv
RT: 2.796 min Scan# 60
Delta R.T. 0.003 min
Lab File: VL039902.D
Acq: 18 Nov 2022 12:34

Tgt Ion: 50 Resp: 1539688
Ion Ratio Lower Upper
50 100
52 34.4 27.8 41.8

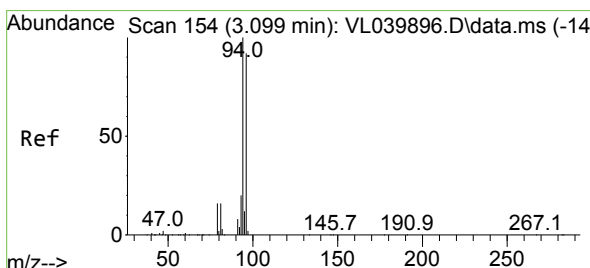
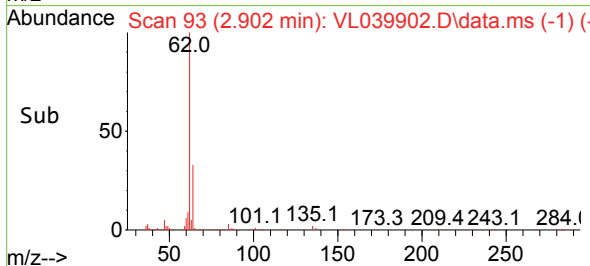
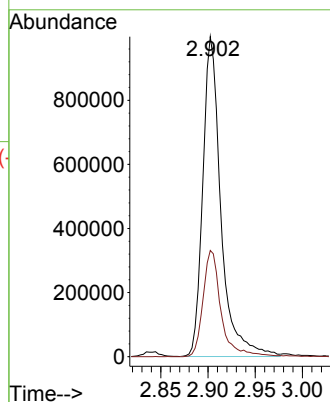
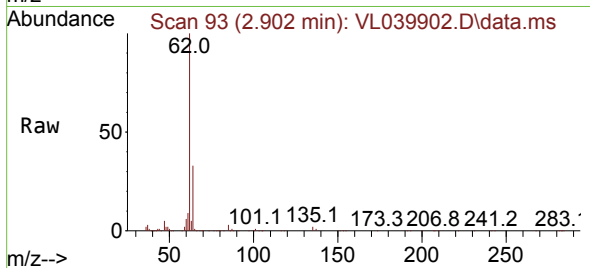




#5
 Vinyl Chloride
 Concen: 15.804 ppbv
 RT: 2.902 min Scan# 91
 Delta R.T. 0.003 min
 Lab File: VL039902.D
 Acq: 18 Nov 2022 12:34

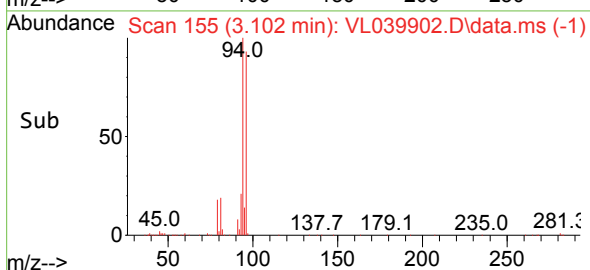
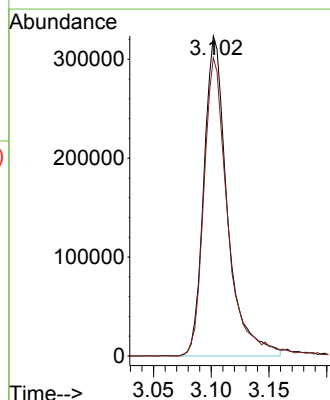
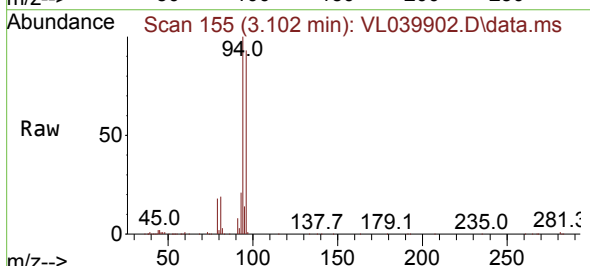
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC015

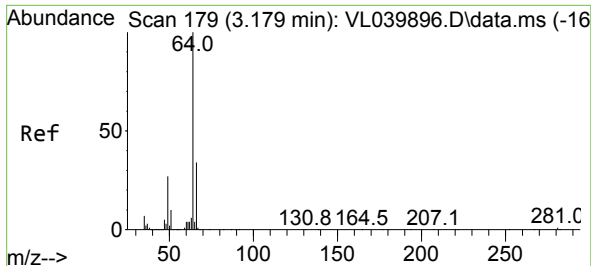
Tgt Ion: 62 Resp: 1332316
 Ion Ratio Lower Upper
 62 100
 64 33.2 25.7 38.5



#6
 Bromomethane
 Concen: 15.919 ppbv
 RT: 3.102 min Scan# 155
 Delta R.T. 0.003 min
 Lab File: VL039902.D
 Acq: 18 Nov 2022 12:34

Tgt Ion: 94 Resp: 457756
 Ion Ratio Lower Upper
 94 100
 96 93.0 73.7 110.5

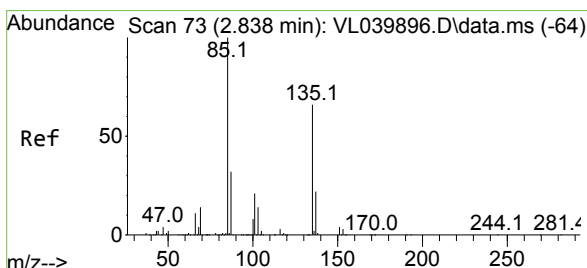
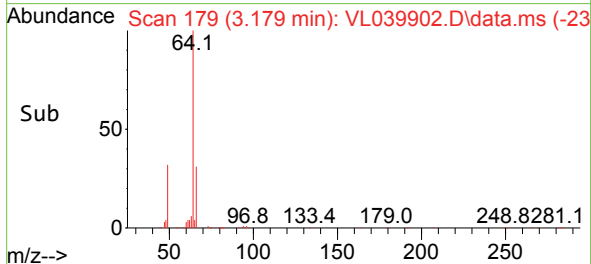
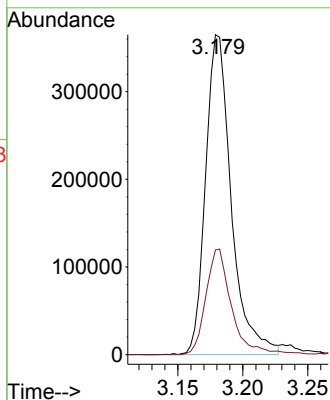
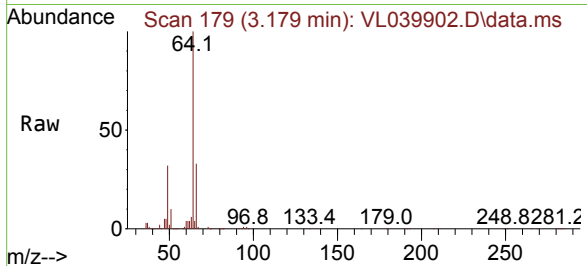




#7
Chloroethane
Concen: 15.059 ppbv
RT: 3.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VL039902.D
Acq: 18 Nov 2022 12:34

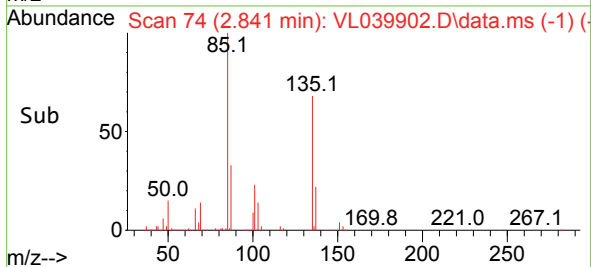
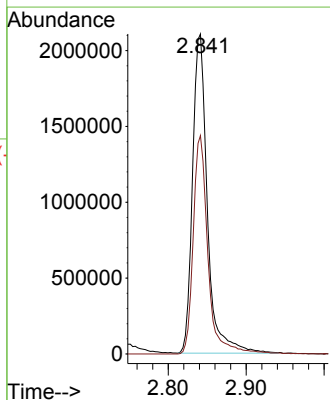
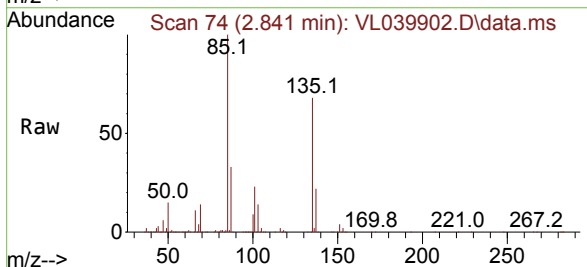
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

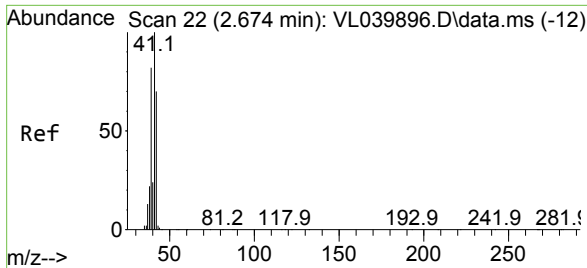
Tgt Ion: 64 Resp: 501805
Ion Ratio Lower Upper
64 100
66 32.8 27.3 40.9



#8
Dichlorotetrafluoroethane
Concen: 13.923 ppbv
RT: 2.841 min Scan# 74
Delta R.T. 0.003 min
Lab File: VL039902.D
Acq: 18 Nov 2022 12:34

Tgt Ion: 85 Resp: 2785673
Ion Ratio Lower Upper
85 100
135 68.1 54.1 81.1

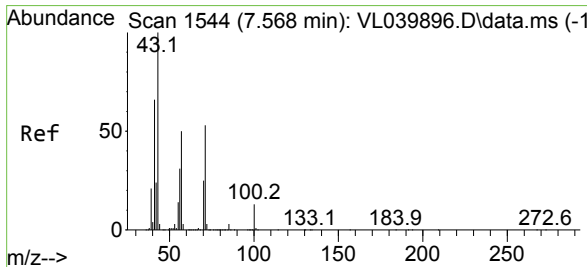
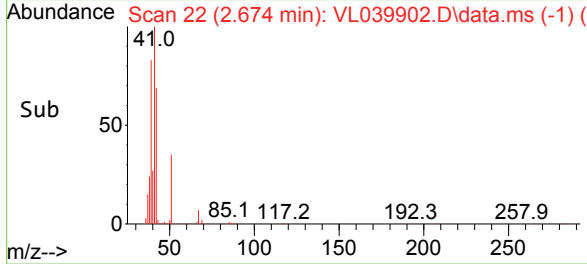
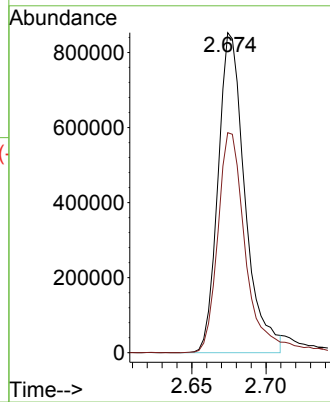
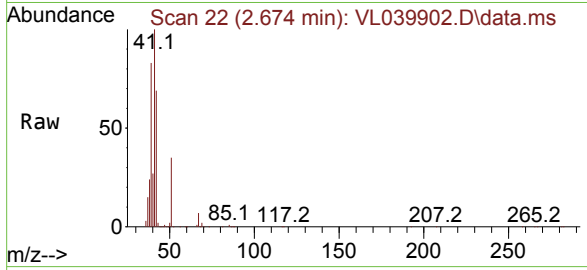




#9
 Propene
 Concen: 13.482 ppbv
 RT: 2.674 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VL039902.D
 Acq: 18 Nov 2022 12:34

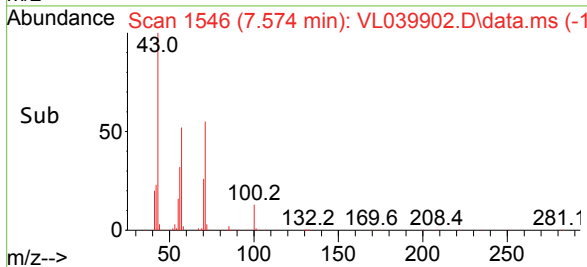
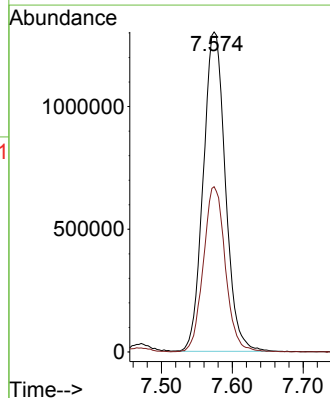
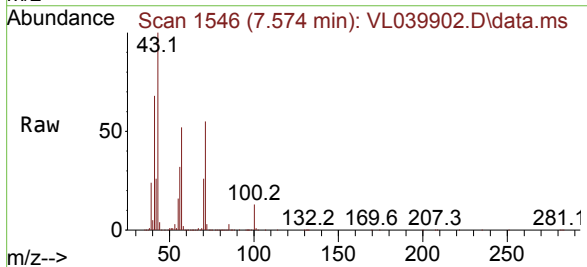
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC015

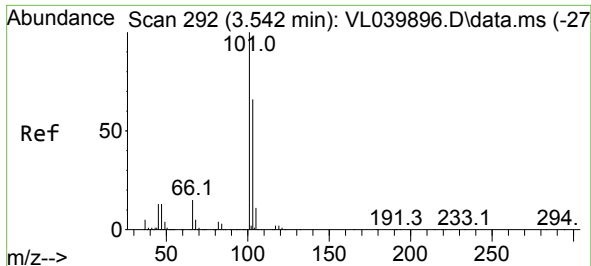
Tgt Ion: 41 Resp: 1072147
 Ion Ratio Lower Upper
 41 100
 42 72.9 55.8 83.6



#10
 Heptane
 Concen: 14.718 ppbv
 RT: 7.574 min Scan# 1546
 Delta R.T. 0.006 min
 Lab File: VL039902.D
 Acq: 18 Nov 2022 12:34

Tgt Ion: 43 Resp: 2824281
 Ion Ratio Lower Upper
 43 100
 57 51.4 40.7 61.1

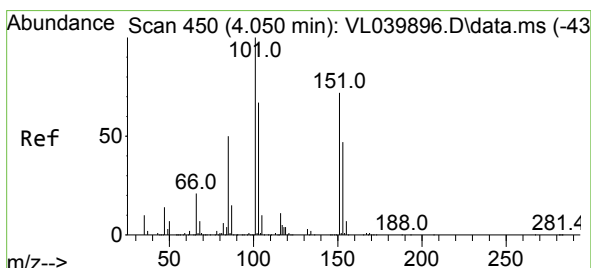
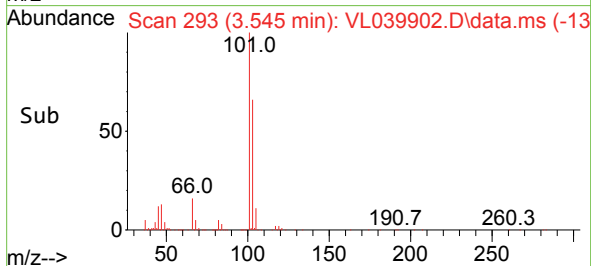
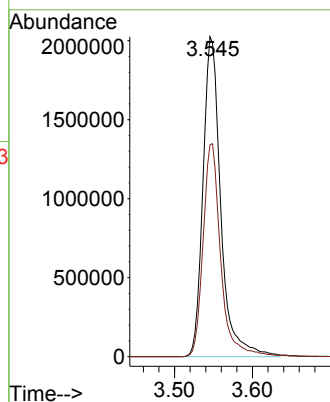
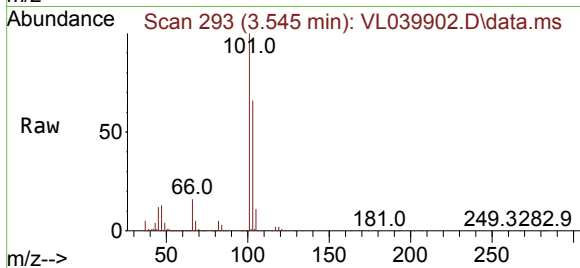




#11
 Trichlorofluoromethane
 Concen: 15.028 ppbv
 RT: 3.545 min Scan# 292
 Delta R.T. 0.003 min
 Lab File: VL039902.D
 Acq: 18 Nov 2022 12:34

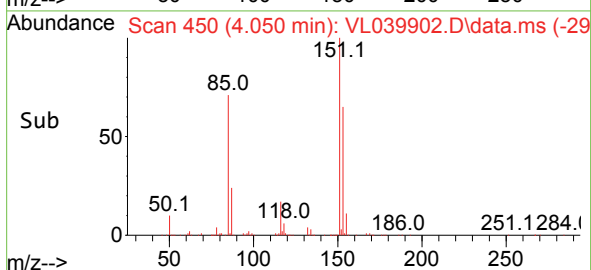
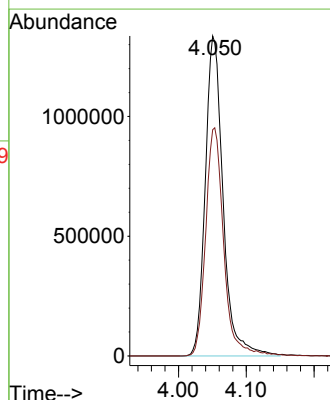
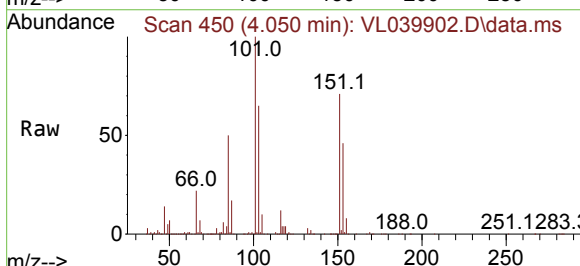
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC015

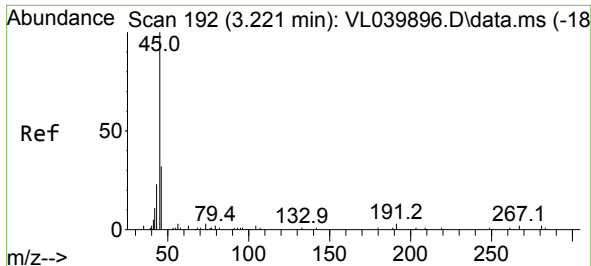
Tgt Ion:101 Resp: 3211954
 Ion Ratio Lower Upper
 101 100
 103 66.2 52.6 78.8



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 15.068 ppbv
 RT: 4.050 min Scan# 450
 Delta R.T. 0.000 min
 Lab File: VL039902.D
 Acq: 18 Nov 2022 12:34

Tgt Ion:101 Resp: 2437423
 Ion Ratio Lower Upper
 101 100
 151 72.3 59.6 89.4

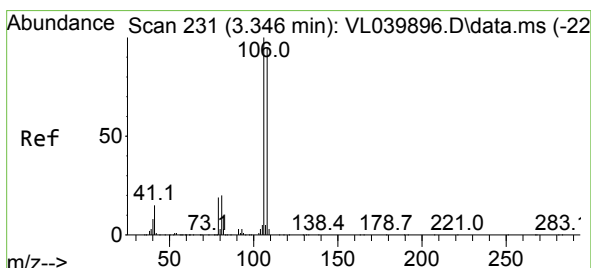
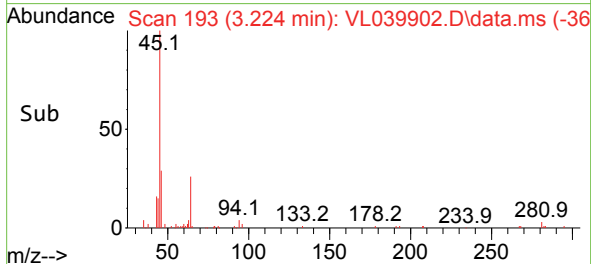
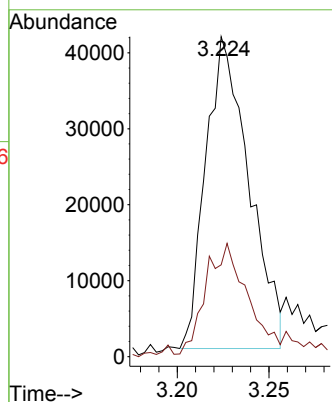
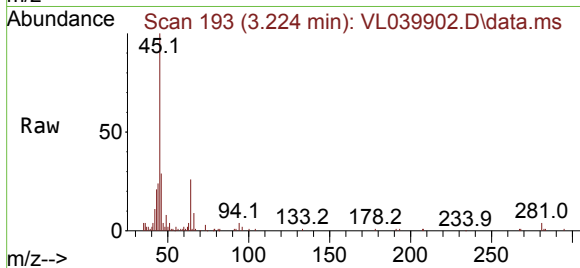




#13
Ethanol
Concen: 11.078 ppbv
RT: 3.224 min Scan# 192
Delta R.T. 0.003 min
Lab File: VL039902.D
Acq: 18 Nov 2022 12:34

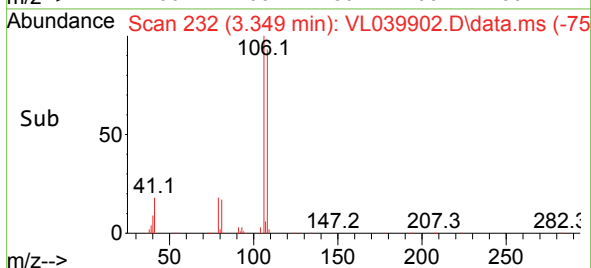
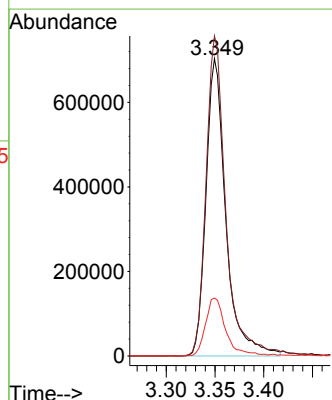
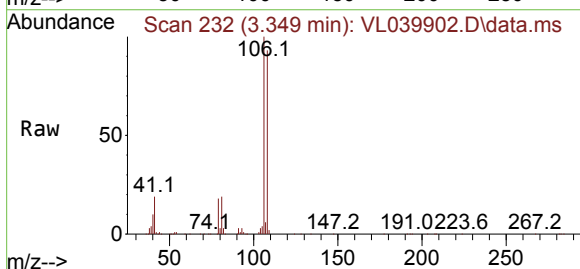
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

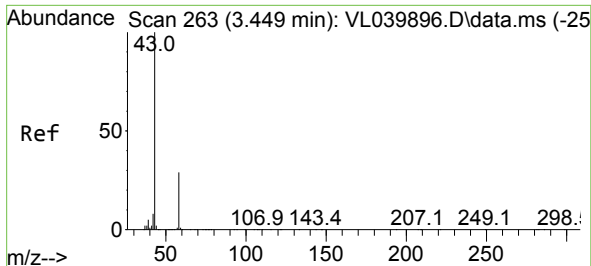
Tgt Ion: 45 Resp: 67262
Ion Ratio Lower Upper
45 100
46 46.3 14.6 58.2



#14
Bromoethene
Concen: 15.795 ppbv
RT: 3.349 min Scan# 232
Delta R.T. 0.003 min
Lab File: VL039902.D
Acq: 18 Nov 2022 12:34

Tgt Ion: 108 Resp: 996378
Ion Ratio Lower Upper
108 100
106 108.7 87.3 130.9
79 20.6 15.9 23.9

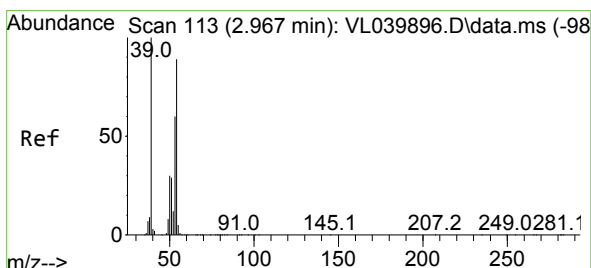
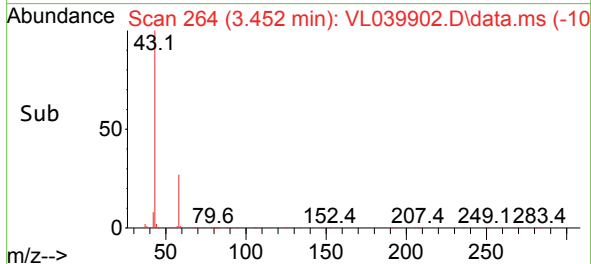
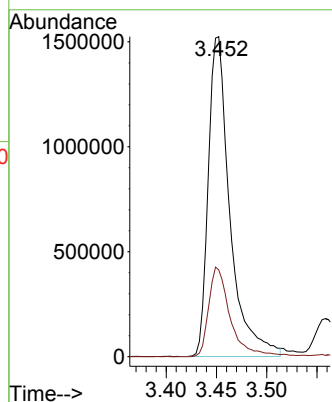
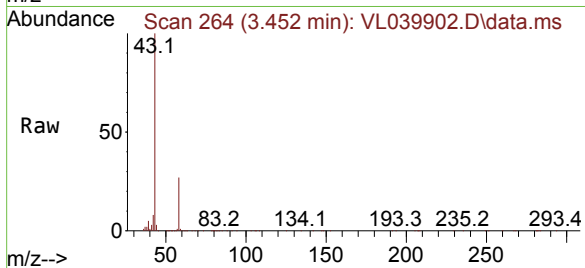




#15
Acetone
Concen: 14.043 ppbv
RT: 3.452 min Scan# 20
Delta R.T. 0.003 min
Lab File: VL039902.D
Acq: 18 Nov 2022 12:34

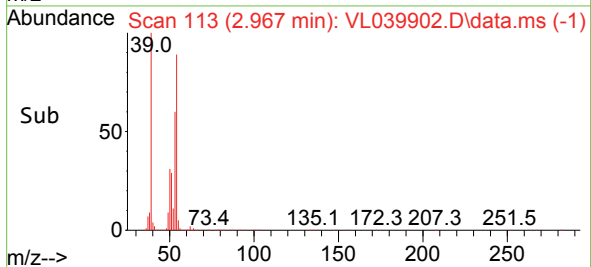
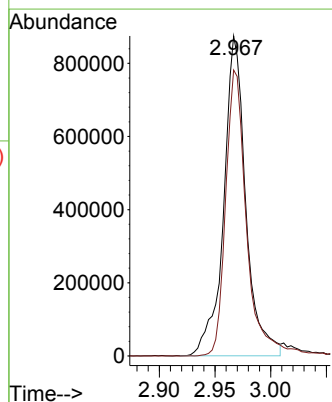
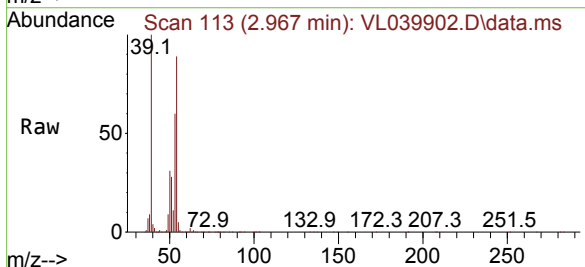
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

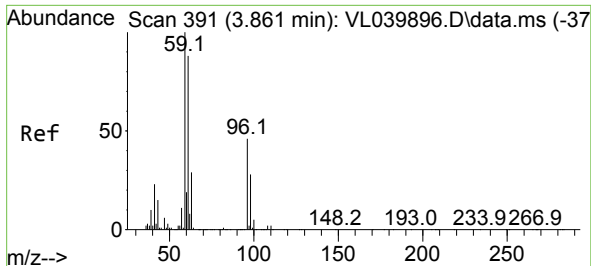
Tgt Ion: 43 Resp: 2278788
Ion Ratio Lower Upper
43 100
58 28.3 22.9 34.3



#16
1,3-Butadiene
Concen: 14.968 ppbv
RT: 2.967 min Scan# 113
Delta R.T. 0.000 min
Lab File: VL039902.D
Acq: 18 Nov 2022 12:34

Tgt Ion: 39 Resp: 1210523
Ion Ratio Lower Upper
39 100
54 86.0 66.6 99.8

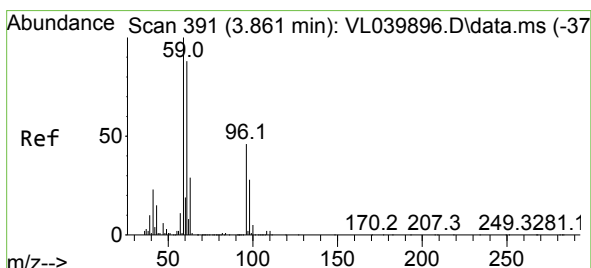
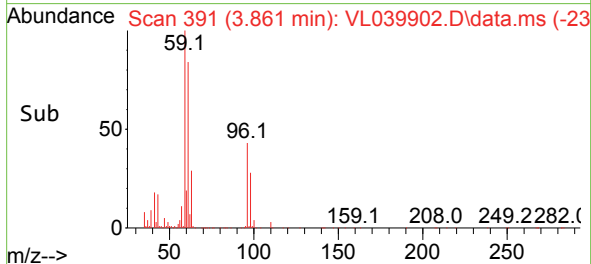
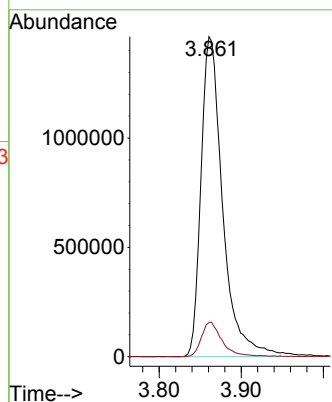
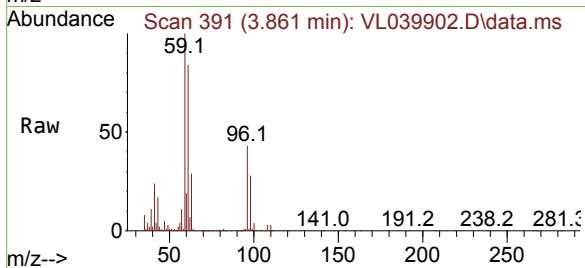




#17
tert-Butyl alcohol
Concen: 14.359 ppbv
RT: 3.861 min Scan# 391
Delta R.T. 0.000 min
Lab File: VL039902.D
Acq: 18 Nov 2022 12:34

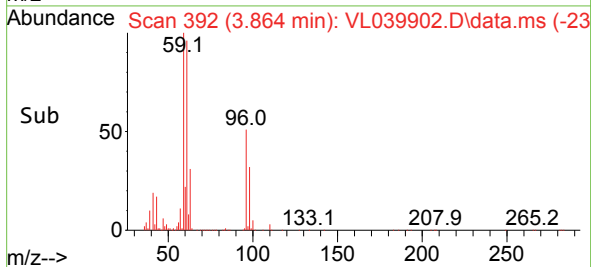
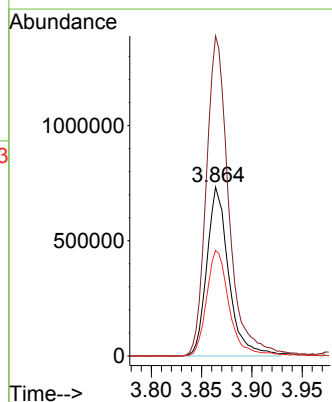
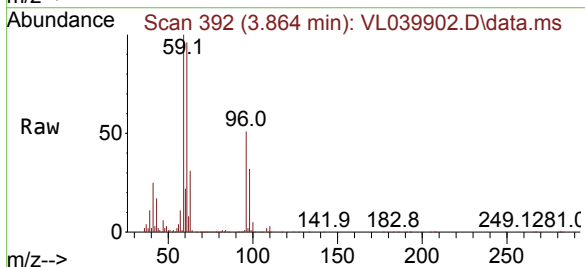
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

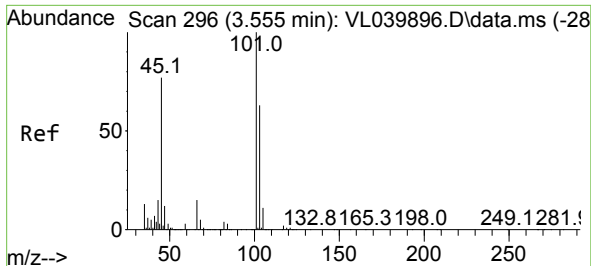
Tgt Ion: 59 Resp: 2679061
Ion Ratio Lower Upper
59 100
57 10.5 8.3 12.5



#18
1,1-Dichloroethene
Concen: 15.020 ppbv
RT: 3.864 min Scan# 392
Delta R.T. 0.003 min
Lab File: VL039902.D
Acq: 18 Nov 2022 12:34

Tgt Ion: 96 Resp: 1108318
Ion Ratio Lower Upper
96 100
61 189.4 153.4 230.2
98 62.3 48.9 73.3

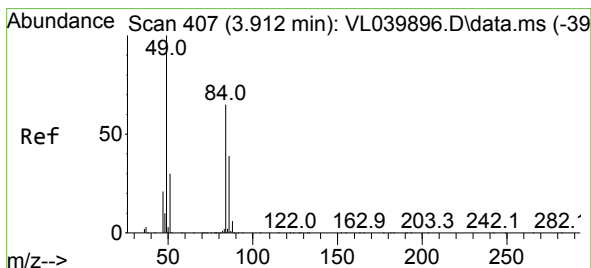
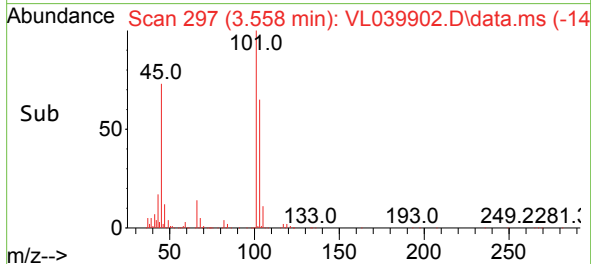
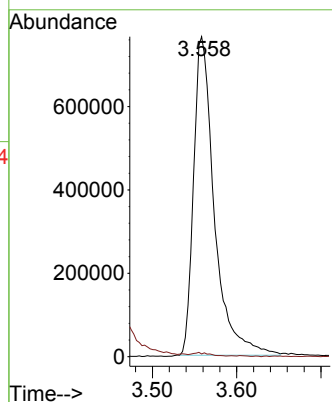
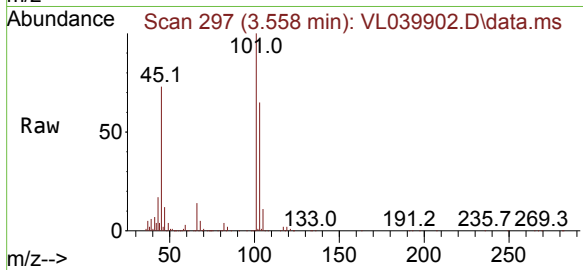




#19
Isopropyl Alcohol
Concen: 14.884 ppbv
RT: 3.558 min Scan# 296
Delta R.T. 0.003 min
Lab File: VL039902.D
Acq: 18 Nov 2022 12:34

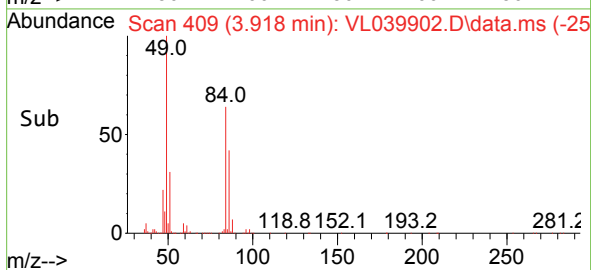
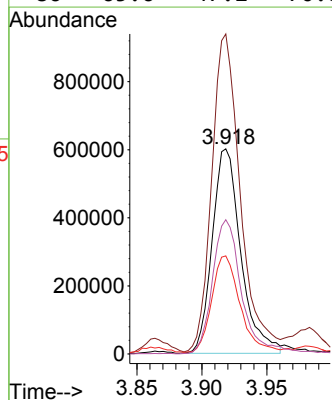
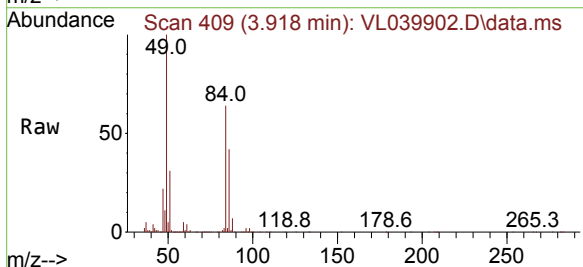
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

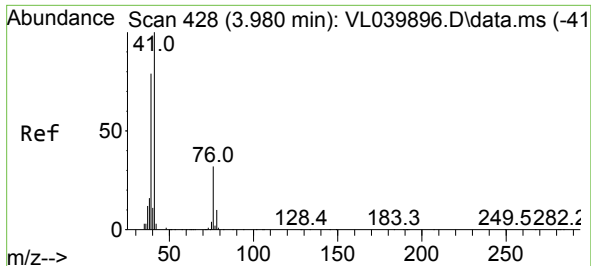
Tgt Ion: 45 Resp: 1307710
Ion Ratio Lower Upper
45 100
58 49.2 38.7 58.1



#20
Methylene Chloride
Concen: 11.721 ppbv
RT: 3.918 min Scan# 409
Delta R.T. 0.006 min
Lab File: VL039902.D
Acq: 18 Nov 2022 12:34

Tgt Ion: 84 Resp: 921504
Ion Ratio Lower Upper
84 100
49 154.9 122.2 183.4
51 46.9 36.3 54.5
86 65.6 47.2 70.8



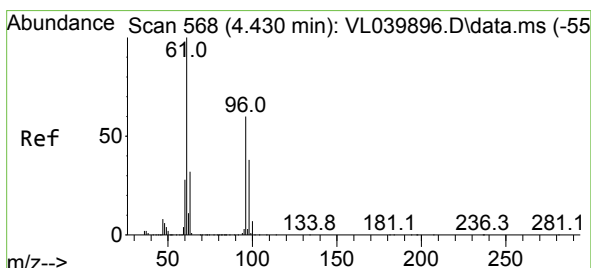
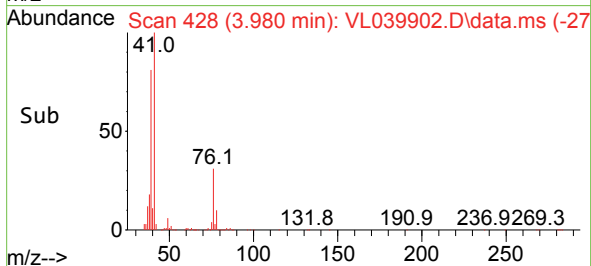
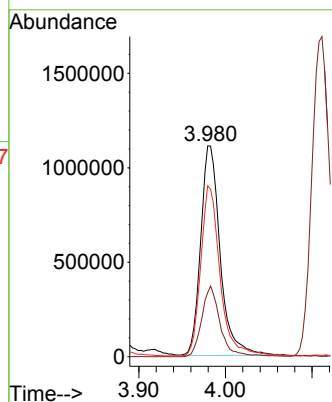
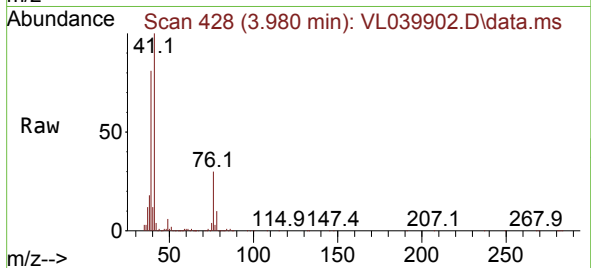


#21
 Allyl Chloride
 Concen: 15.467 ppbv
 RT: 3.980 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VL039902.D
 Acq: 18 Nov 2022 12:34

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC015

Tgt Ion: 41 Resp: 1741077

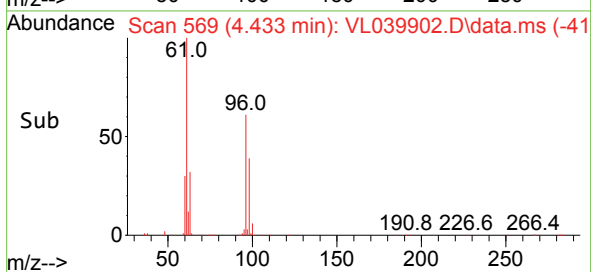
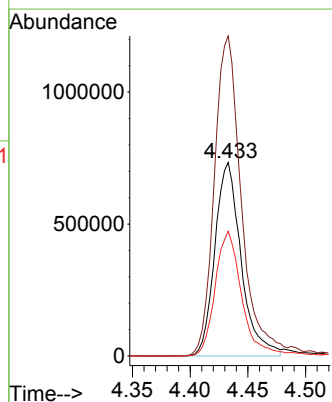
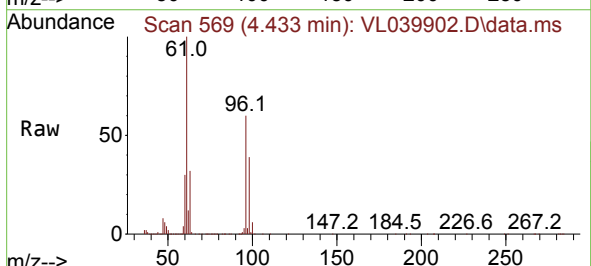
Ion	Ratio	Lower	Upper
41	100		
76	31.9	25.6	38.4
39	80.3	65.2	97.8

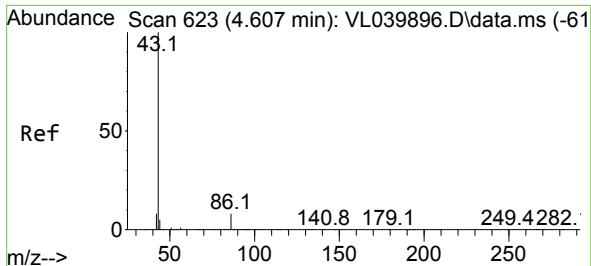


#22
 trans-1,2-Dichloroethene
 Concen: 15.484 ppbv
 RT: 4.433 min Scan# 569
 Delta R.T. 0.003 min
 Lab File: VL039902.D
 Acq: 18 Nov 2022 12:34

Tgt Ion: 96 Resp: 1161869

Ion	Ratio	Lower	Upper
96	100		
61	165.4	134.1	201.1
98	64.5	50.4	75.6



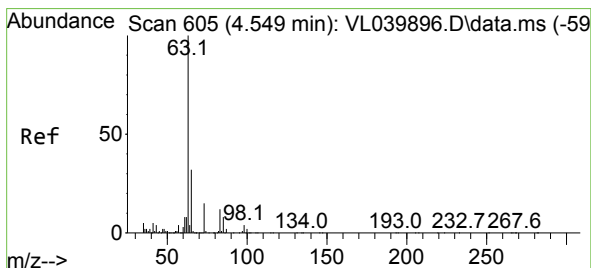
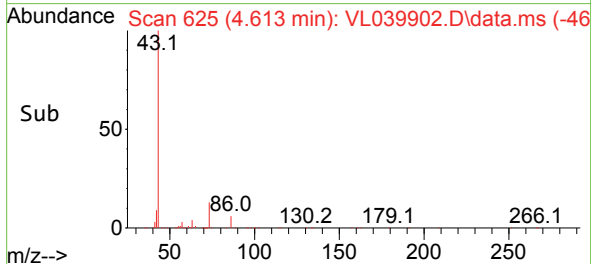
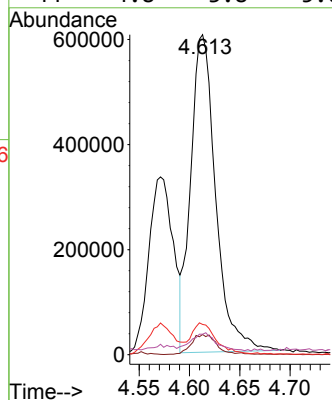
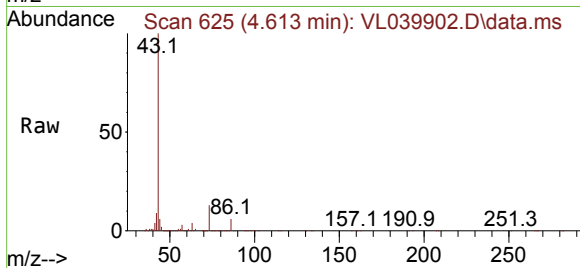


#23
 Vinyl Acetate
 Concen: 15.695 ppbv
 RT: 4.613 min Scan# 61
 Delta R.T. 0.006 min
 Lab File: VL039902.D
 Acq: 18 Nov 2022 12:34

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC015

Tgt Ion: 43 Resp: 1046314

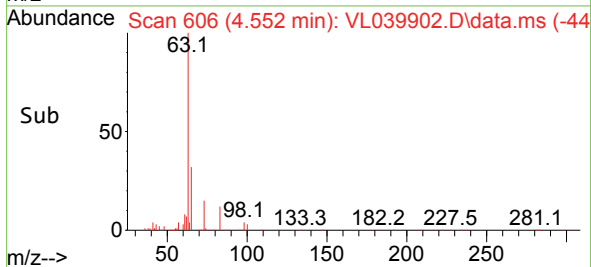
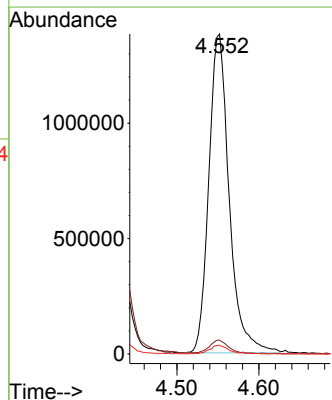
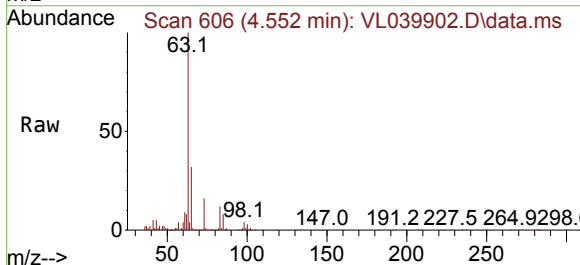
Ion	Ratio	Lower	Upper
43	100		
86	6.2	5.0	7.4
42	9.3	7.6	11.4
44	4.8	3.8	5.6

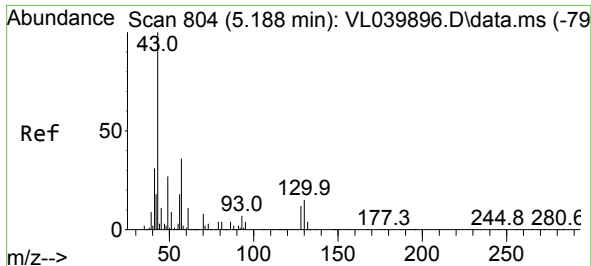


#24
 1,1-Dichloroethane
 Concen: 14.815 ppbv
 RT: 4.552 min Scan# 606
 Delta R.T. 0.003 min
 Lab File: VL039902.D
 Acq: 18 Nov 2022 12:34

Tgt Ion: 63 Resp: 2381451

Ion	Ratio	Lower	Upper
63	100		
98	4.2	2.1	6.5
100	2.7	1.1	3.5



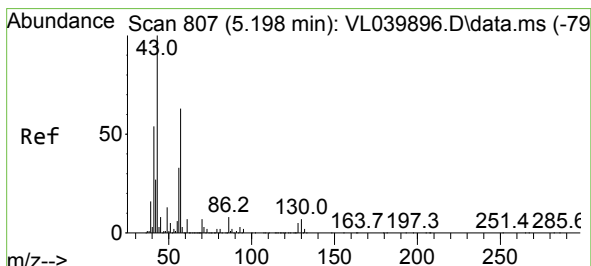
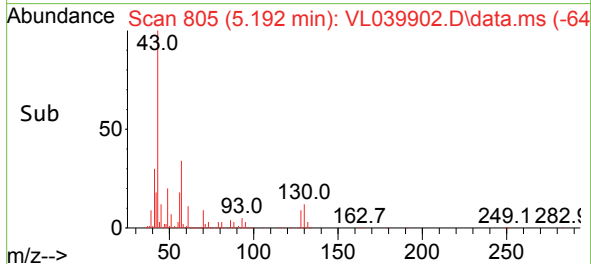
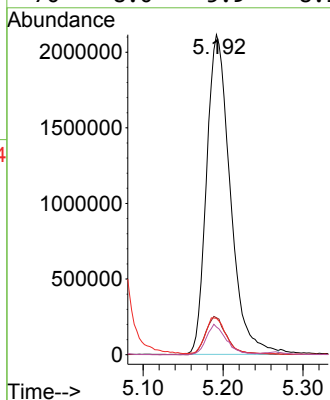
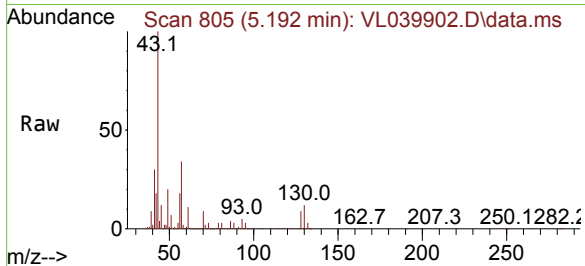


#25
Ethyl Acetate
Concen: 14.600 ppbv
RT: 5.192 min Scan# 805
Delta R.T. 0.003 min
Lab File: VL039902.D
Acq: 18 Nov 2022 12:34

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

Tgt Ion: 43 Resp: 4349904

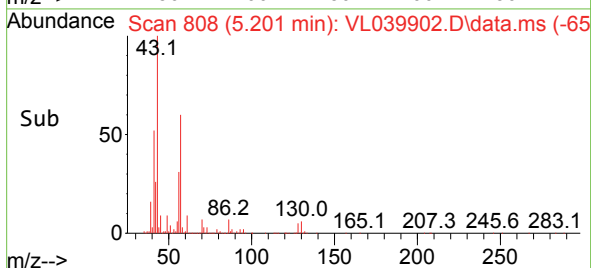
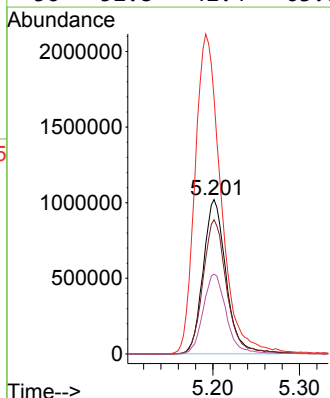
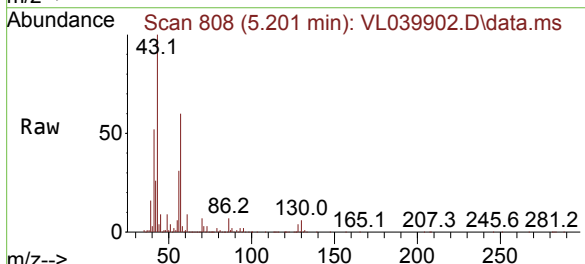
Ion	Ratio	Lower	Upper
43	100		
45	10.8	8.4	12.6
61	10.7	8.5	12.7
70	8.0	5.9	8.9

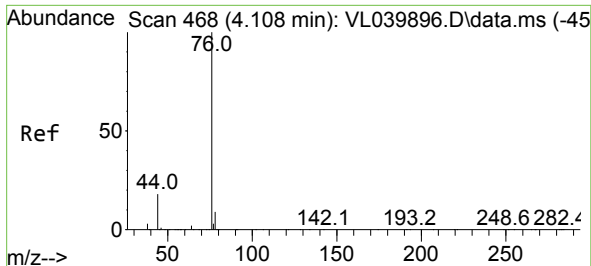


#26
Hexane
Concen: 14.401 ppbv
RT: 5.201 min Scan# 808
Delta R.T. 0.003 min
Lab File: VL039902.D
Acq: 18 Nov 2022 12:34

Tgt Ion: 57 Resp: 1874370

Ion	Ratio	Lower	Upper
57	100		
41	90.1	72.3	108.5
43	235.1	188.7	283.1
56	52.8	42.4	63.6

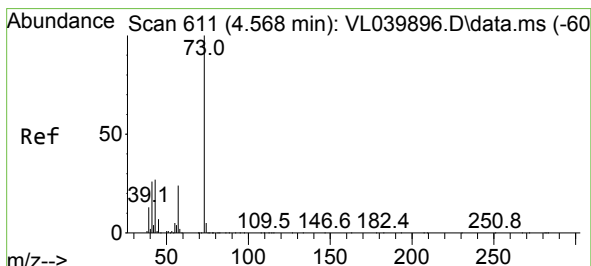
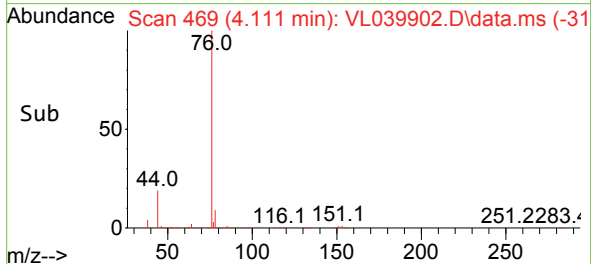
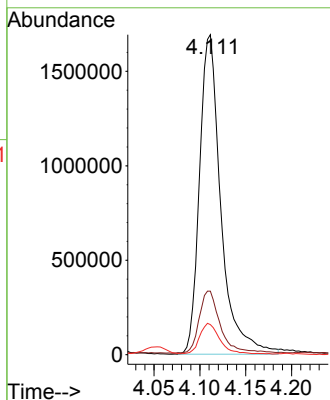
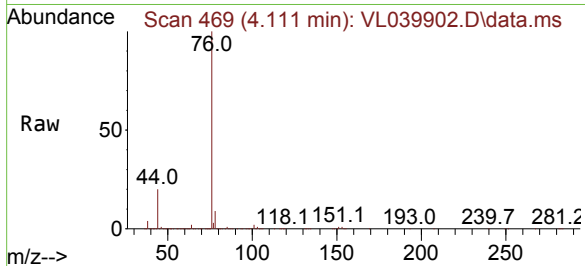




#27
Carbon Disulfide
Concen: 16.712 ppbv
RT: 4.111 min Scan# 411
Delta R.T. 0.003 min
Lab File: VL039902.D
Acq: 18 Nov 2022 12:34

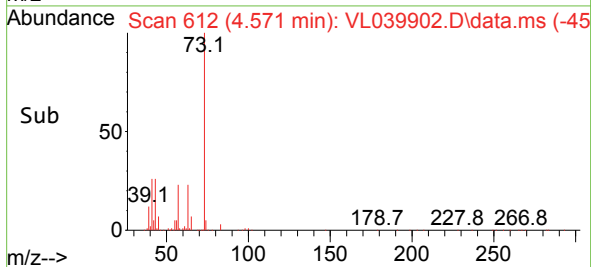
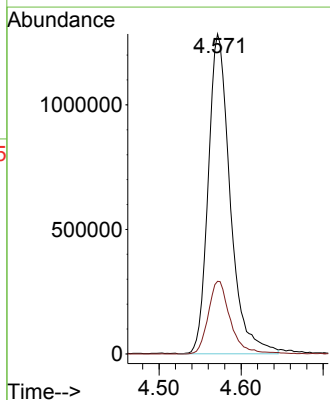
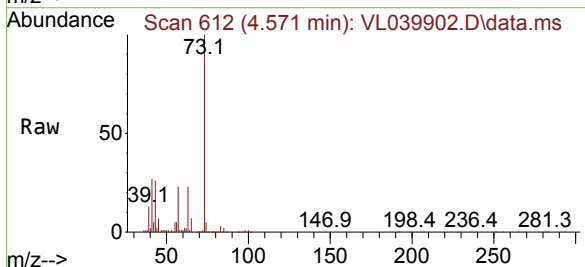
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

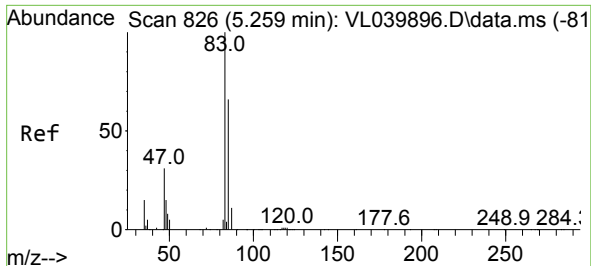
Tgt Ion: 76 Resp: 2746222
Ion Ratio Lower Upper
76 100
44 19.4 14.7 22.1
78 9.7 7.8 11.8



#28
Methyl tert-Butyl Ether
Concen: 14.651 ppbv
RT: 4.571 min Scan# 612
Delta R.T. 0.003 min
Lab File: VL039902.D
Acq: 18 Nov 2022 12:34

Tgt Ion: 73 Resp: 2387550
Ion Ratio Lower Upper
73 100
57 22.9 18.9 28.3





#29

Chloroform

Concen: 16.128 ppbv

RT: 5.262 min Scan# 81

Delta R.T. 0.003 min

Lab File: VL039902.D

Acq: 18 Nov 2022 12:34

Instrument :

MSVOA_L

ClientSampleId :

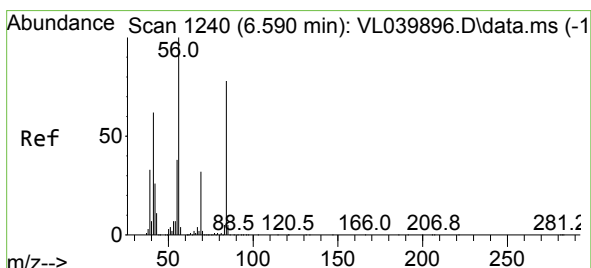
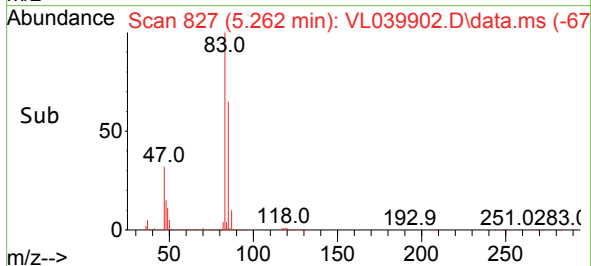
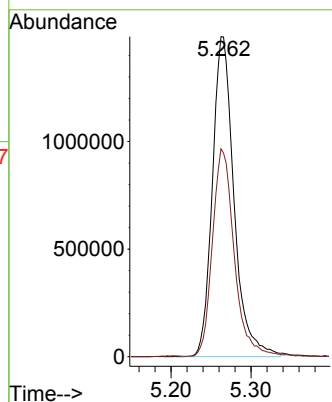
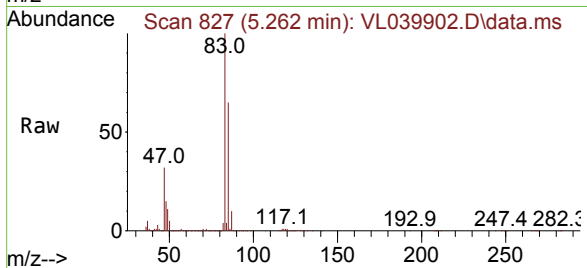
VSTDIC015

Tgt Ion: 83 Resp: 2789591

Ion Ratio Lower Upper

83 100

85 64.7 52.4 78.6



#30

Cyclohexane

Concen: 14.988 ppbv

RT: 6.594 min Scan# 1241

Delta R.T. 0.003 min

Lab File: VL039902.D

Acq: 18 Nov 2022 12:34

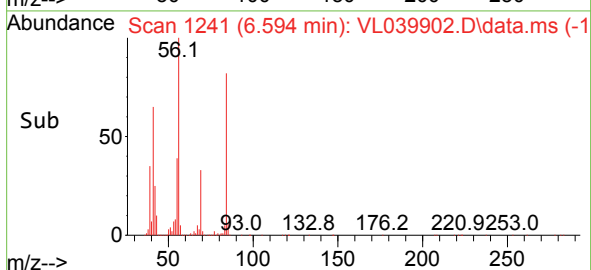
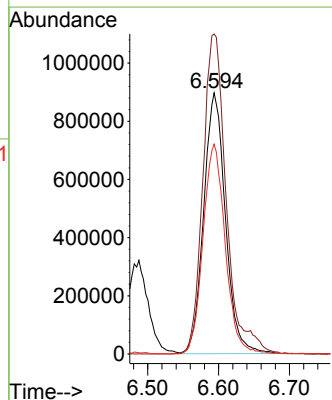
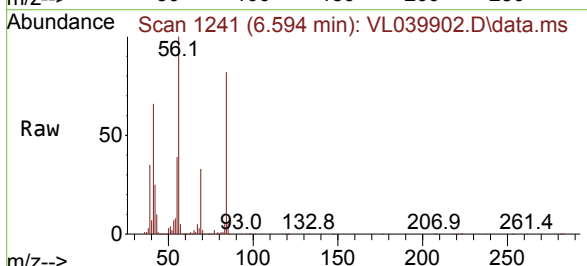
Tgt Ion: 84 Resp: 1914462

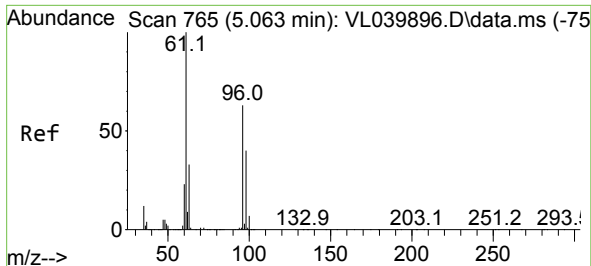
Ion Ratio Lower Upper

84 100

56 131.9 112.5 168.7

41 82.4 67.8 101.8

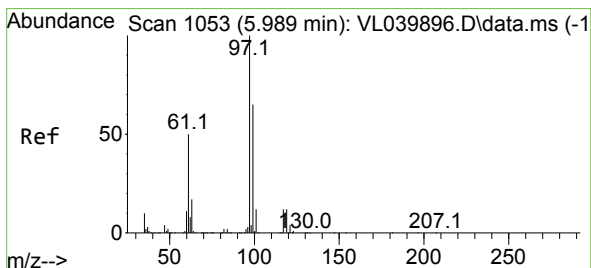
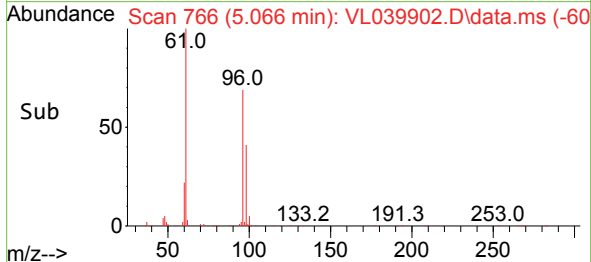
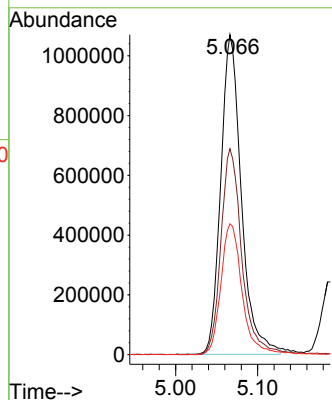
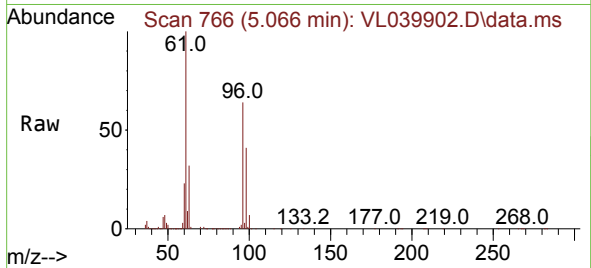




#31
 cis-1,2-Dichloroethene
 Concen: 15.546 ppbv
 RT: 5.066 min Scan# 766
 Delta R.T. 0.003 min
 Lab File: VL039902.D
 Acq: 18 Nov 2022 12:34

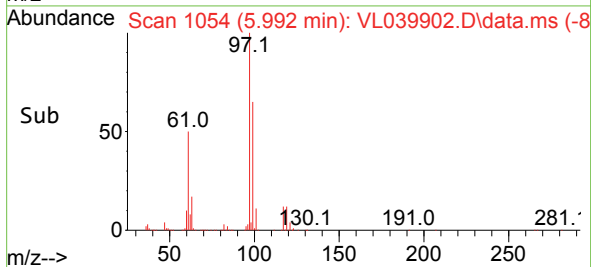
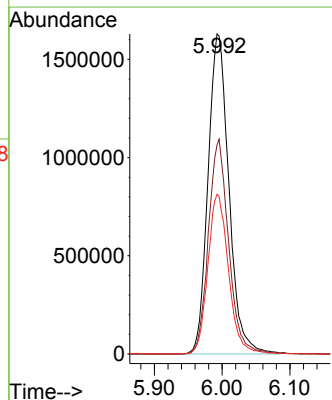
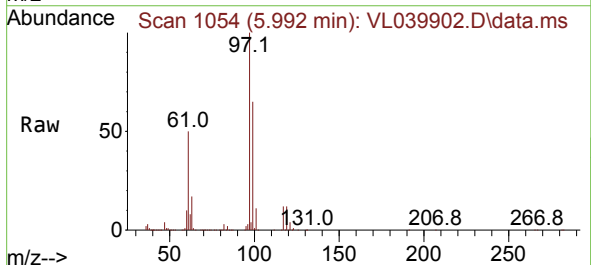
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC015

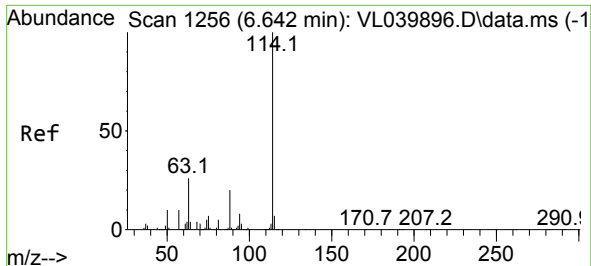
Tgt Ion: 61 Resp: 1869394
 Ion Ratio Lower Upper
 61 100
 96 64.3 50.3 75.5
 98 40.9 32.2 48.2



#32
 1,1,1-Trichloroethane
 Concen: 16.135 ppbv
 RT: 5.992 min Scan# 1054
 Delta R.T. 0.003 min
 Lab File: VL039902.D
 Acq: 18 Nov 2022 12:34

Tgt Ion: 97 Resp: 3485330
 Ion Ratio Lower Upper
 97 100
 99 65.1 51.4 77.0
 61 49.4 40.7 61.1

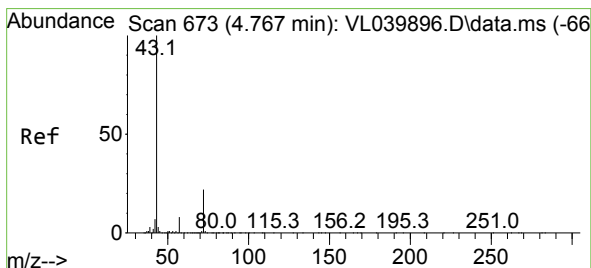
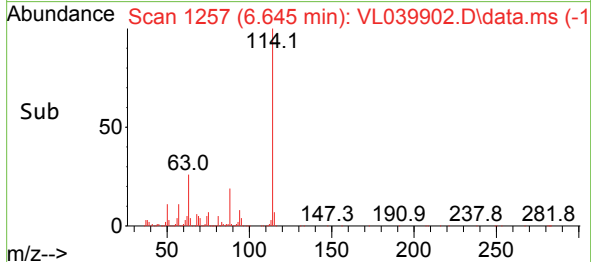
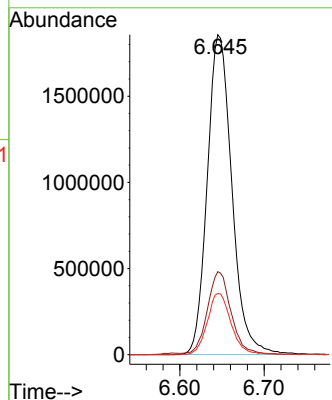
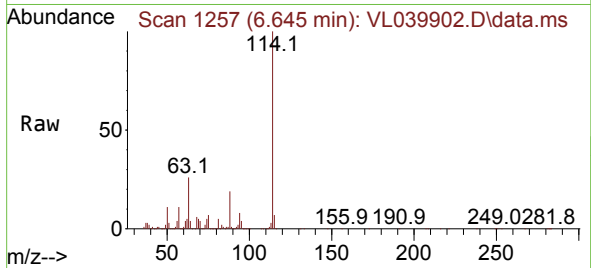




#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.645 min Scan# 11
Delta R.T. 0.003 min
Lab File: VL039902.D
Acq: 18 Nov 2022 12:34

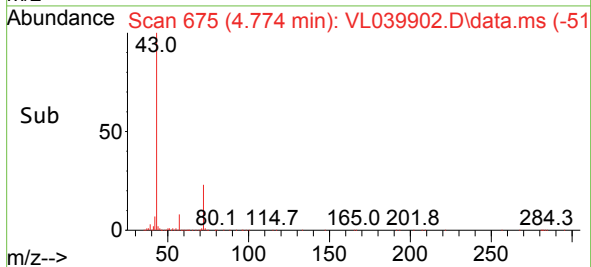
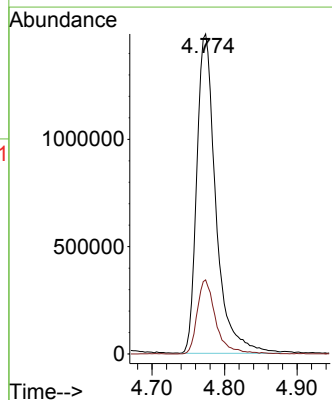
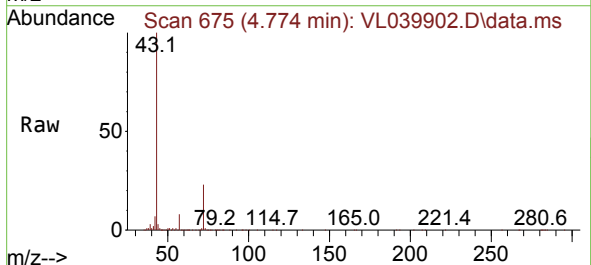
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

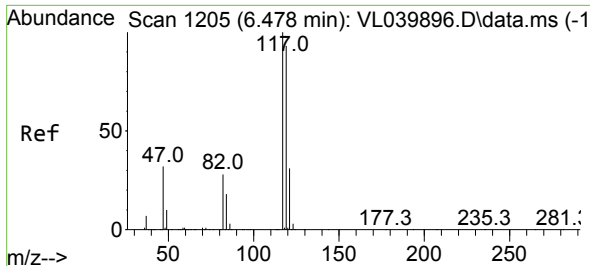
Tgt Ion:114 Resp: 3762765
Ion Ratio Lower Upper
114 100
63 25.7 21.4 32.0
88 18.7 15.3 22.9



#34
2-Butanone
Concen: 15.104 ppbv
RT: 4.774 min Scan# 675
Delta R.T. 0.006 min
Lab File: VL039902.D
Acq: 18 Nov 2022 12:34

Tgt Ion: 43 Resp: 2719453
Ion Ratio Lower Upper
43 100
72 22.7 17.4 26.2

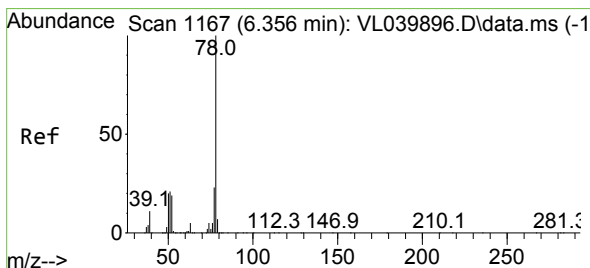
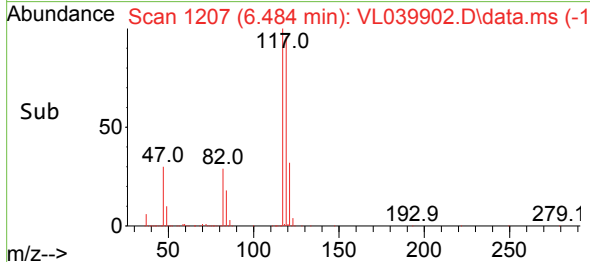
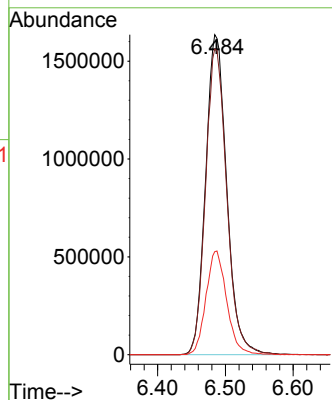
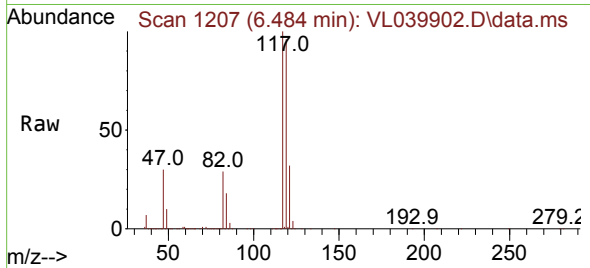




#35
Carbon Tetrachloride
Concen: 16.558 ppbv
RT: 6.484 min Scan# 1117
Delta R.T. 0.006 min
Lab File: VL039902.D
Acq: 18 Nov 2022 12:34

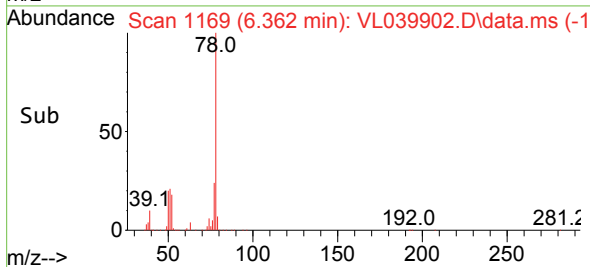
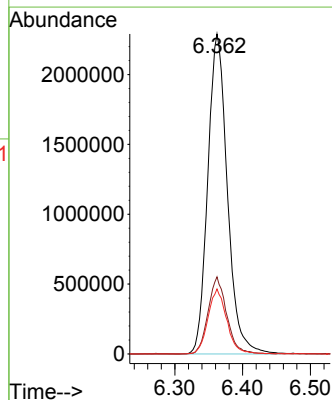
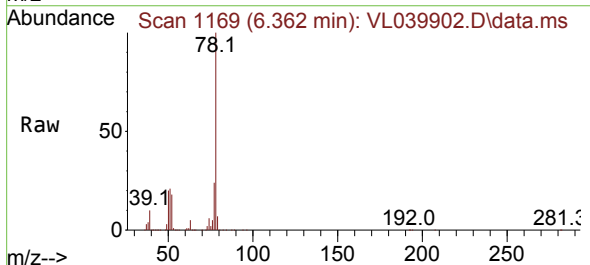
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

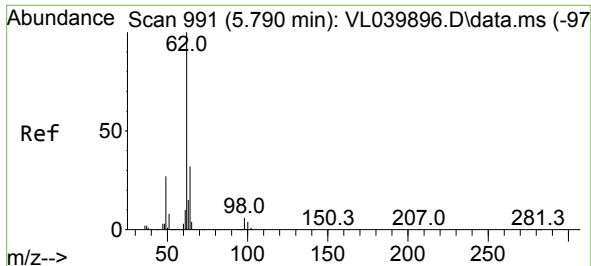
Tgt Ion:117 Resp: 3538240
Ion Ratio Lower Upper
117 100
119 95.5 74.7 112.1
121 32.2 24.5 36.7



#36
Benzene
Concen: 14.372 ppbv
RT: 6.362 min Scan# 1169
Delta R.T. 0.006 min
Lab File: VL039902.D
Acq: 18 Nov 2022 12:34

Tgt Ion: 78 Resp: 4596729
Ion Ratio Lower Upper
78 100
77 24.1 18.2 27.2
50 20.3 15.8 23.8





#37

1,2-Dichloroethane

Concen: 15.309 ppbv

RT: 5.796 min Scan# 991

Delta R.T. 0.006 min

Lab File: VL039902.D

Acq: 18 Nov 2022 12:34

Instrument :

MSVOA_L

ClientSampleId :

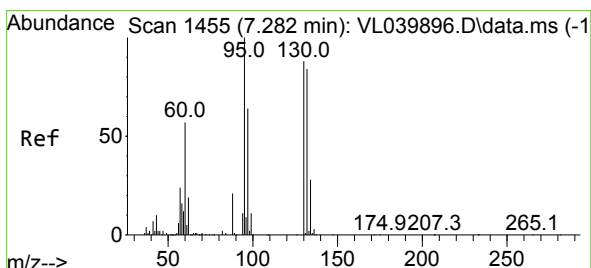
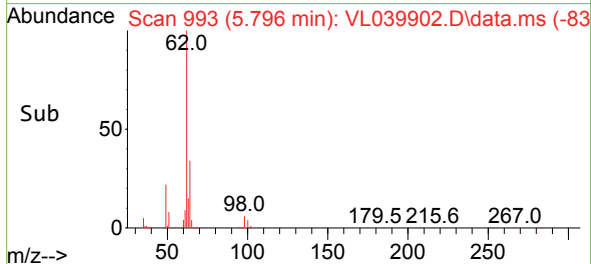
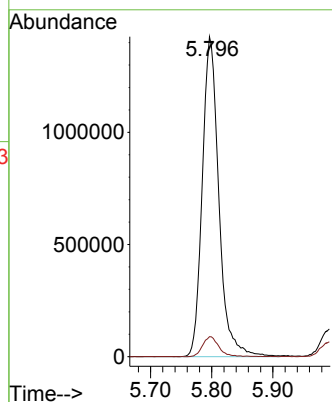
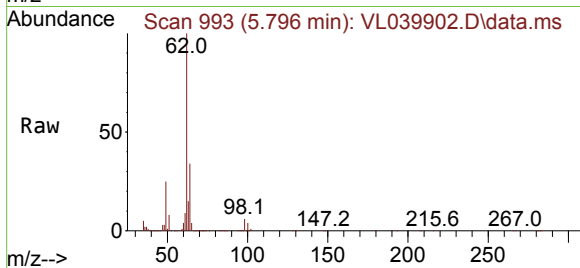
VSTDIC015

Tgt Ion: 62 Resp: 2683246

Ion Ratio Lower Upper

62 100

98 6.3 5.0 7.6



#38

Trichloroethene

Concen: 14.436 ppbv

RT: 7.285 min Scan# 1456

Delta R.T. 0.003 min

Lab File: VL039902.D

Acq: 18 Nov 2022 12:34

Tgt Ion:130 Resp: 2581018

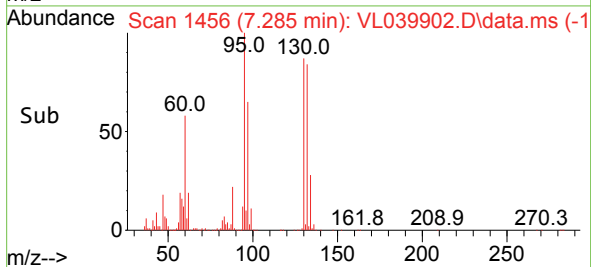
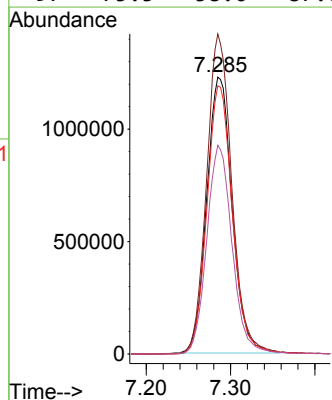
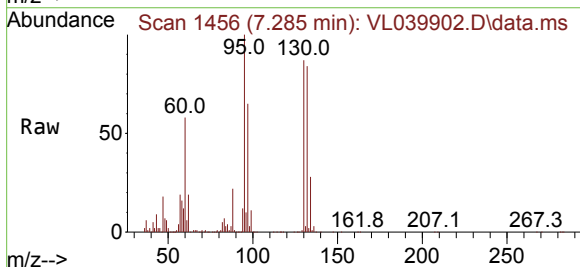
Ion Ratio Lower Upper

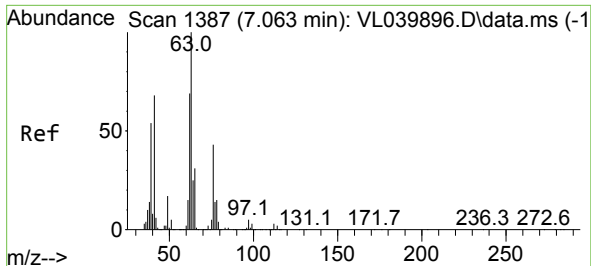
130 100

95 115.8 90.6 135.8

132 97.0 76.2 114.4

97 75.5 58.0 87.0





#39

1,2-Dichloropropane

Concen: 14.336 ppbv

RT: 7.066 min Scan# 1

Delta R.T. 0.003 min

Lab File: VL039902.D

Acq: 18 Nov 2022 12:34

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC015

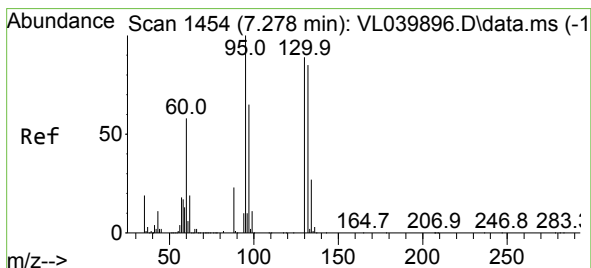
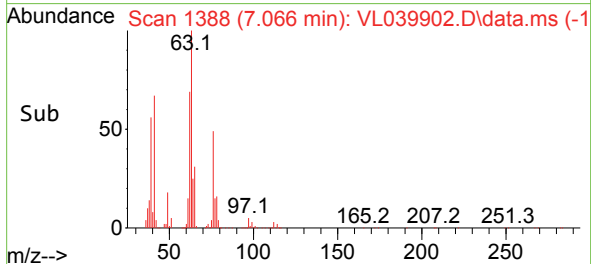
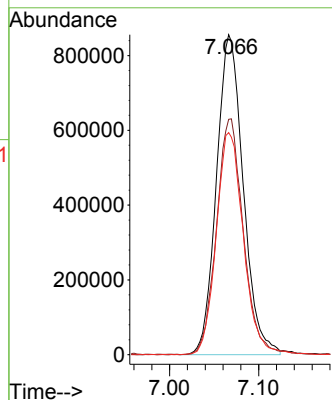
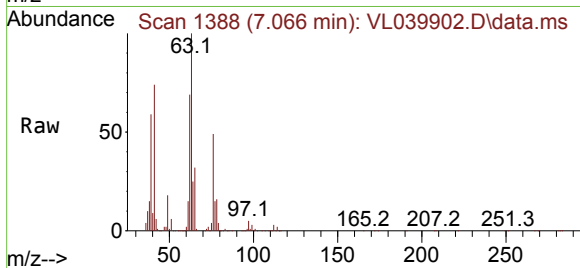
Tgt Ion: 63 Resp: 1786391

Ion Ratio Lower Upper

63 100

41 73.5 54.7 82.1

62 69.4 55.0 82.6



#40

1,4-Dioxane

Concen: 15.062 ppbv

RT: 7.278 min Scan# 1454

Delta R.T. 0.000 min

Lab File: VL039902.D

Acq: 18 Nov 2022 12:34

Tgt Ion: 88 Resp: 747724

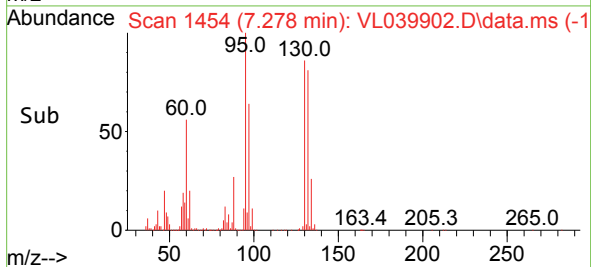
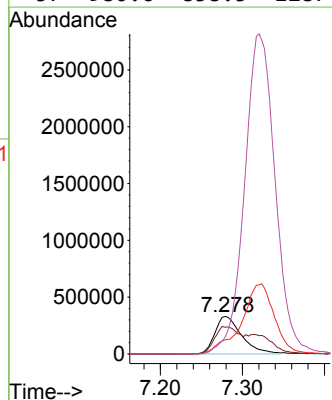
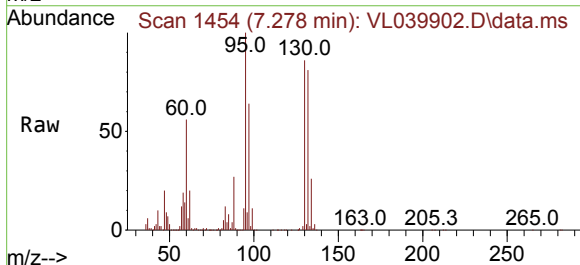
Ion Ratio Lower Upper

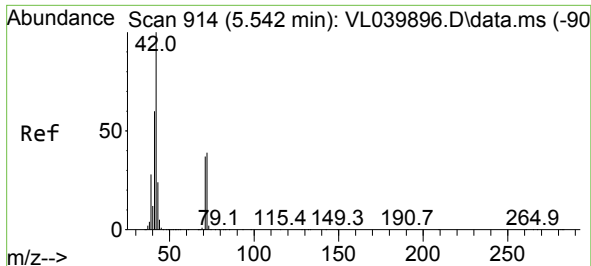
88 100

58 119.1 100.5 150.7

43 229.4 195.8 293.8

57 980.6 858.5 1287.7





#41

Tetrahydrofuran

Concen: 14.503 ppbv

RT: 5.545 min Scan# 914

Delta R.T. 0.003 min

Lab File: VL039902.D

Acq: 18 Nov 2022 12:34

Instrument :

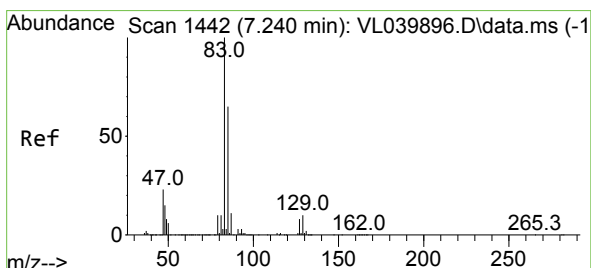
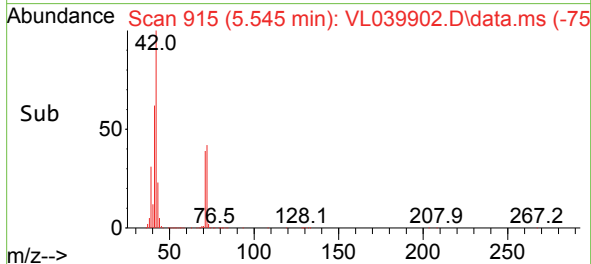
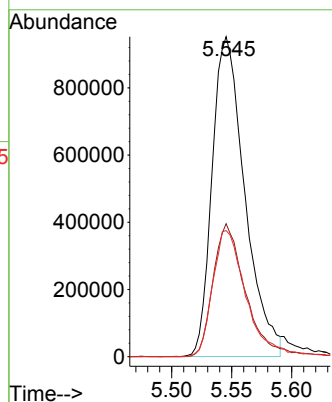
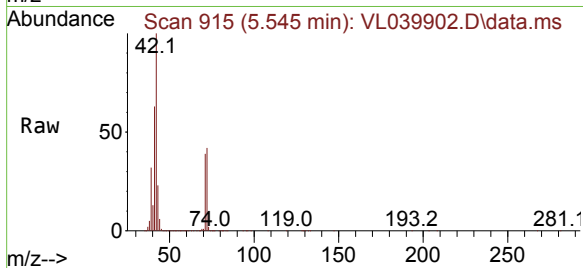
MSVOA_L

ClientSampleId :

VSTDIC015

Tgt Ion: 42 Resp: 1802718

Ion	Ratio	Lower	Upper
42	100		
72	42.0	31.6	47.4
71	41.0	31.2	46.8



#42

Bromodichloromethane

Concen: 15.984 ppbv

RT: 7.243 min Scan# 1443

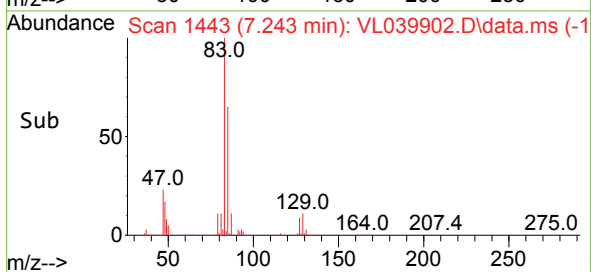
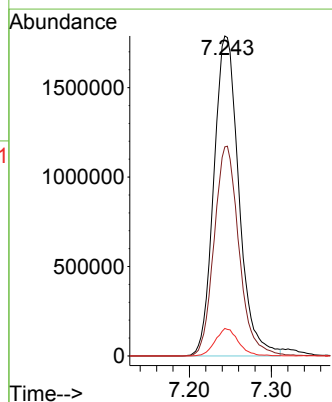
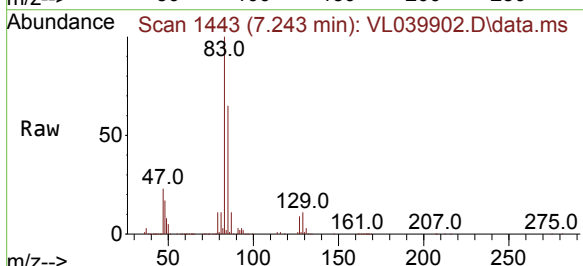
Delta R.T. 0.003 min

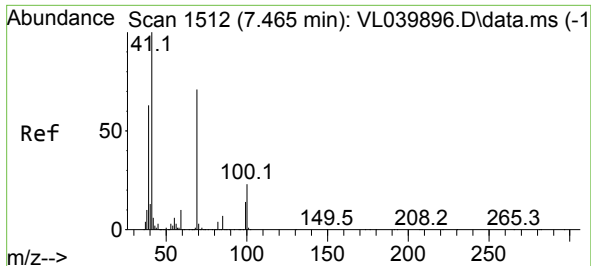
Lab File: VL039902.D

Acq: 18 Nov 2022 12:34

Tgt Ion: 83 Resp: 3799372

Ion	Ratio	Lower	Upper
83	100		
85	65.4	52.0	78.0
127	8.6	6.5	9.7



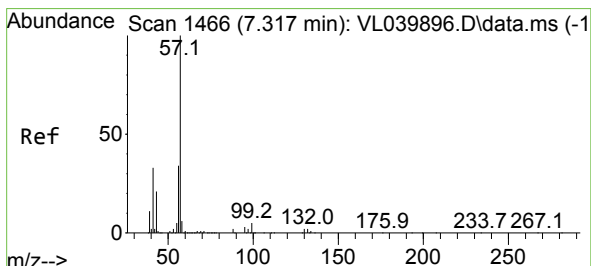
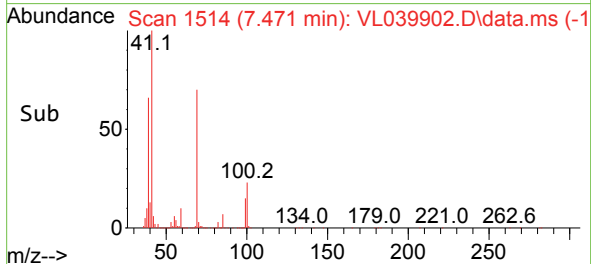
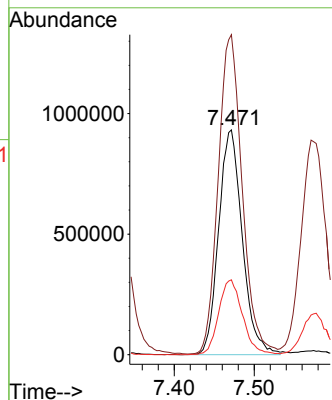
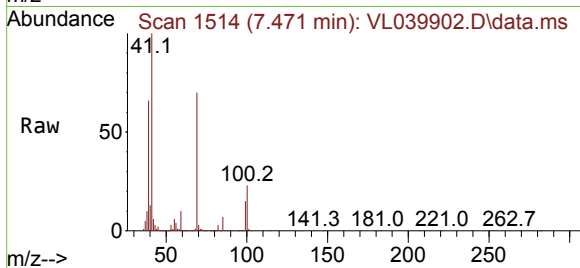


#43
Methyl Methacrylate
Concen: 15.253 ppbv
RT: 7.471 min Scan# 1514
Delta R.T. 0.006 min
Lab File: VL039902.D
Acq: 18 Nov 2022 12:34

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

Tgt Ion: 69 Resp: 1912708

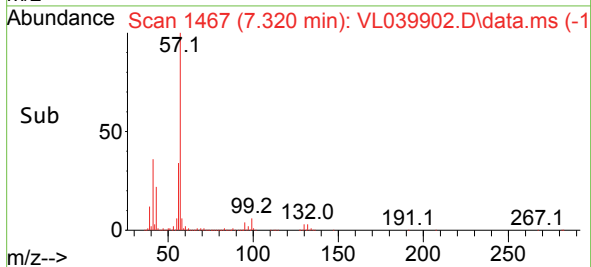
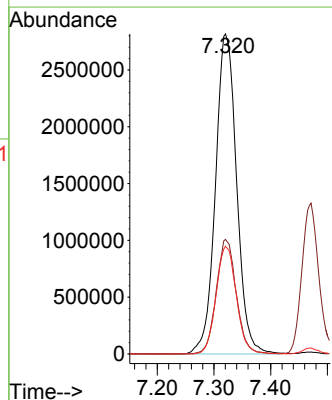
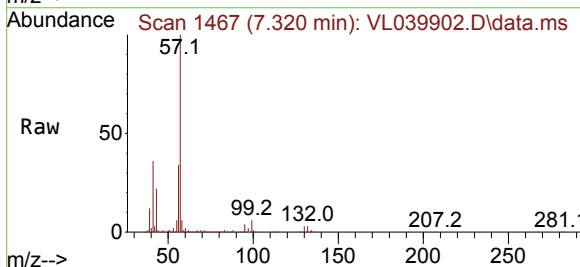
Ion	Ratio	Lower	Upper
69	100		
41	144.4	116.4	174.6
100	33.6	26.8	40.2

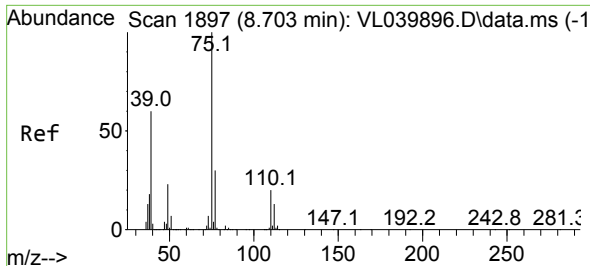


#44
2,2,4-Trimethylpentane
Concen: 13.718 ppbv
RT: 7.320 min Scan# 1467
Delta R.T. 0.003 min
Lab File: VL039902.D
Acq: 18 Nov 2022 12:34

Tgt Ion: 57 Resp: 7324233

Ion	Ratio	Lower	Upper
57	100		
41	33.7	26.2	39.2
56	32.1	25.5	38.3

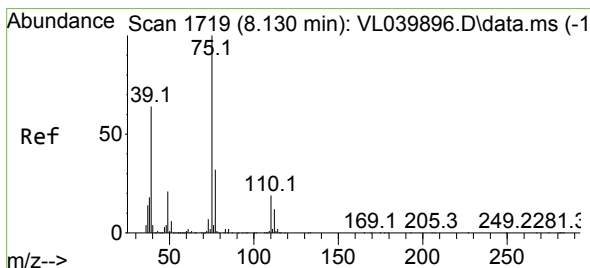
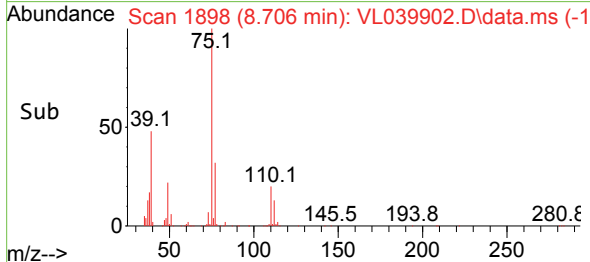
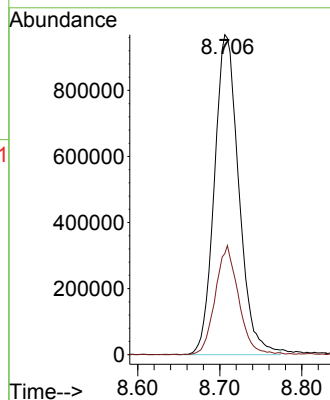
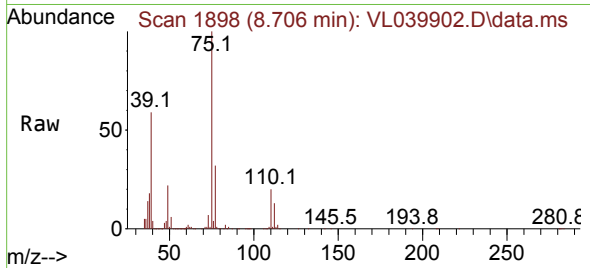




#45
t-1,3-Dichloropropene
Concen: 17.348 ppbv
RT: 8.706 min Scan# 11
Delta R.T. 0.003 min
Lab File: VL039902.D
Acq: 18 Nov 2022 12:34

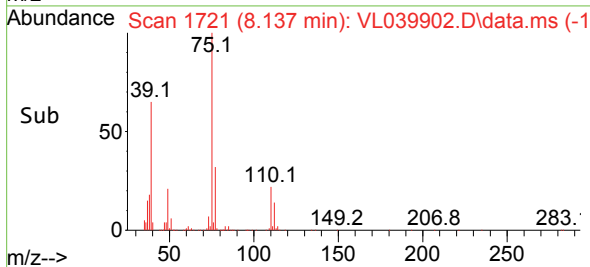
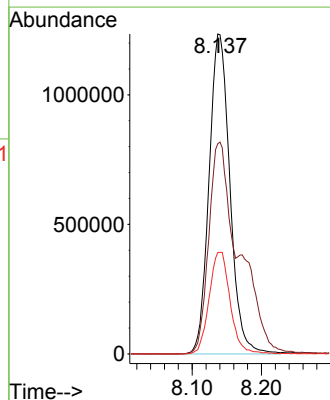
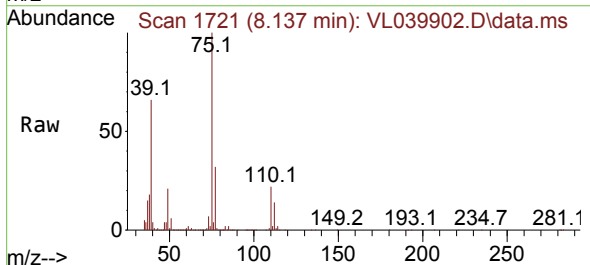
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

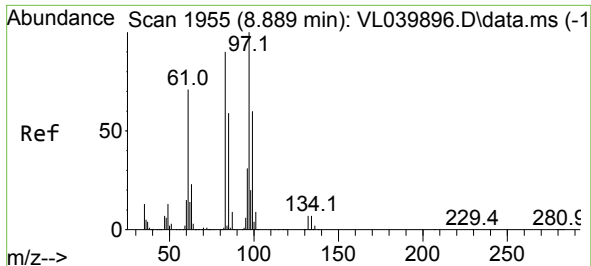
Tgt Ion: 75 Resp: 2009829
Ion Ratio Lower Upper
75 100
77 31.6 24.2 36.4



#46
cis-1,3-Dichloropropene
Concen: 16.062 ppbv
RT: 8.137 min Scan# 1721
Delta R.T. 0.006 min
Lab File: VL039902.D
Acq: 18 Nov 2022 12:34

Tgt Ion: 75 Resp: 2577741
Ion Ratio Lower Upper
75 100
39 65.7 51.0 76.4
77 31.7 25.4 38.0





#47

1,1,2-Trichloroethane

Concen: 14.735 ppbv

RT: 8.899 min Scan# 1955

Delta R.T. 0.010 min

Lab File: VL039902.D

Acq: 18 Nov 2022 12:34

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC015

Tgt Ion: 97 Resp: 1887084

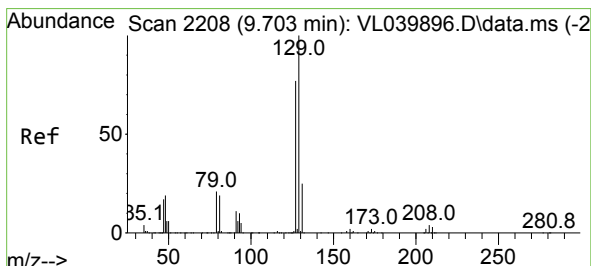
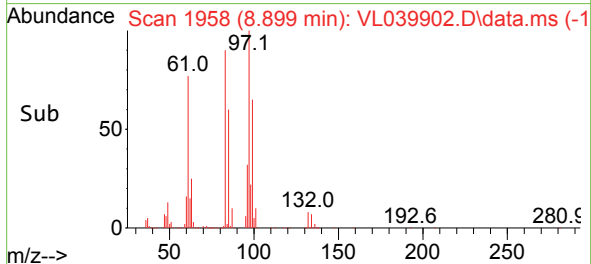
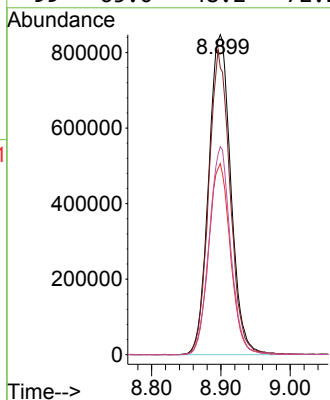
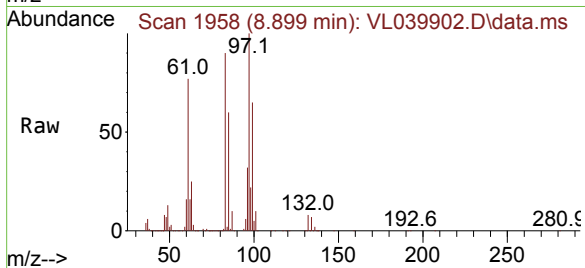
Ion Ratio Lower Upper

97 100

83 89.6 72.1 108.1

85 59.6 47.2 70.8

99 65.0 48.2 72.2



#48

Dibromochloromethane

Concen: 17.231 ppbv

RT: 9.712 min Scan# 2211

Delta R.T. 0.010 min

Lab File: VL039902.D

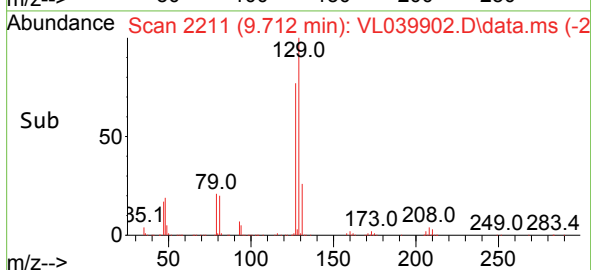
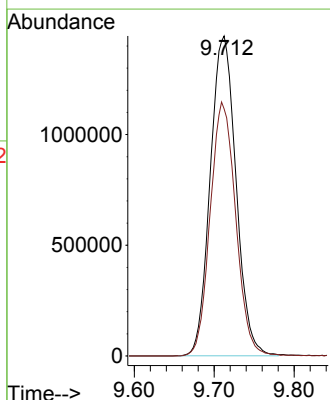
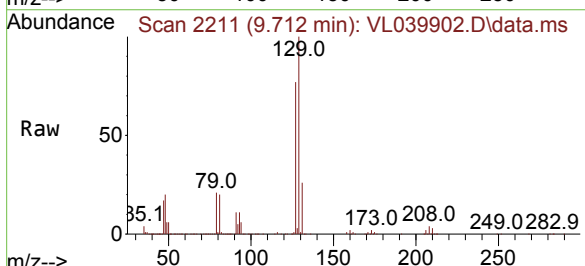
Acq: 18 Nov 2022 12:34

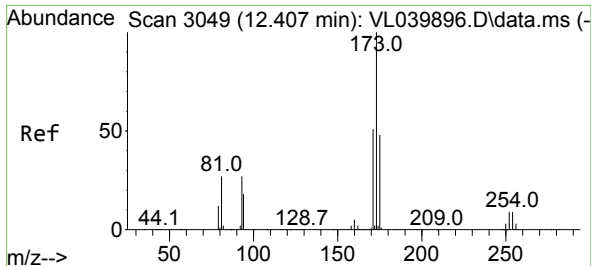
Tgt Ion: 129 Resp: 3232170

Ion Ratio Lower Upper

129 100

127 78.8 39.1 117.3

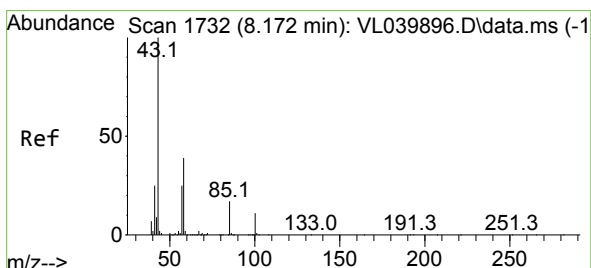
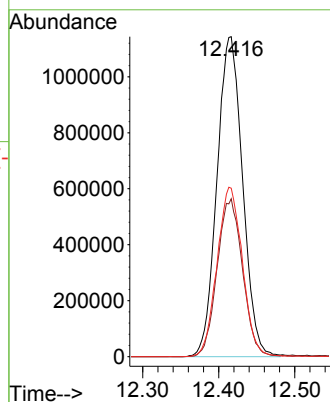
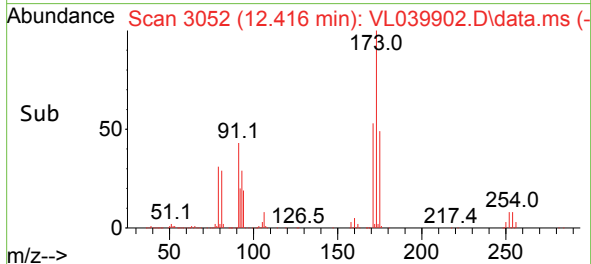
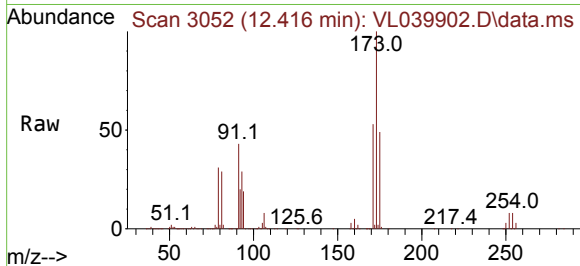




#49
Bromoform
Concen: 17.630 ppbv
RT: 12.416 min Scan# 3049
Delta R.T. 0.010 min
Lab File: VL039902.D
Acq: 18 Nov 2022 12:34

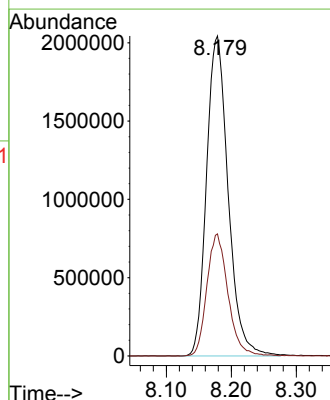
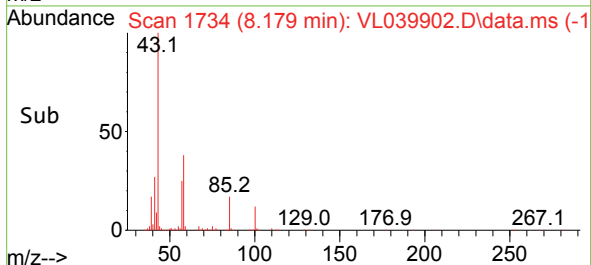
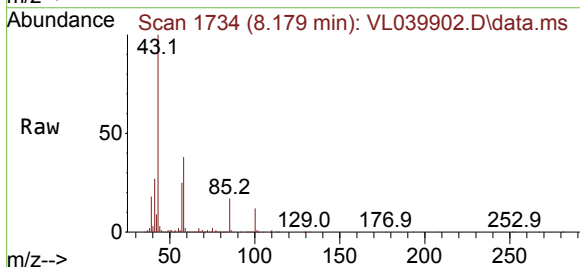
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

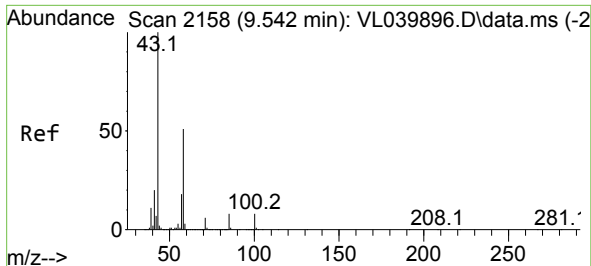
Tgt Ion:173 Resp: 2676854
Ion Ratio Lower Upper
173 100
175 49.1 39.1 58.7
171 52.5 41.8 62.8



#50
4-Methyl-2-Pentanone
Concen: 14.649 ppbv
RT: 8.179 min Scan# 1734
Delta R.T. 0.006 min
Lab File: VL039902.D
Acq: 18 Nov 2022 12:34

Tgt Ion: 43 Resp: 4723701
Ion Ratio Lower Upper
43 100
58 37.4 29.8 44.6

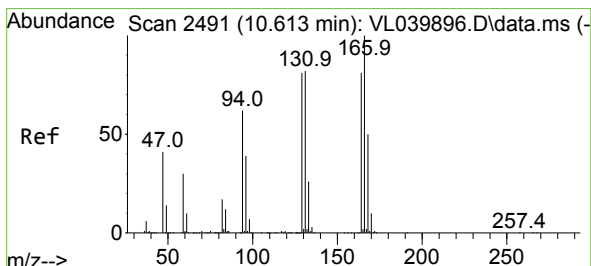
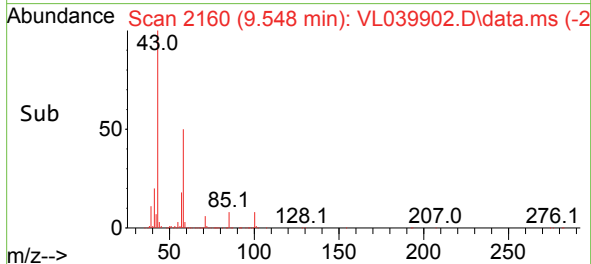
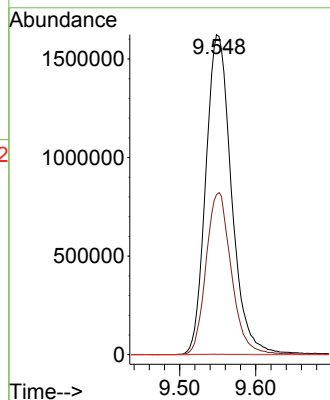
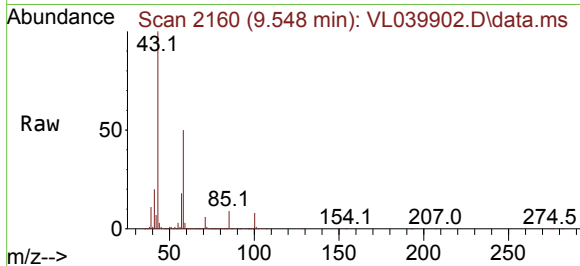




#51
2-Hexanone
Concen: 15.125 ppbv
RT: 9.548 min Scan# 2158
Delta R.T. 0.006 min
Lab File: VL039902.D
Acq: 18 Nov 2022 12:34

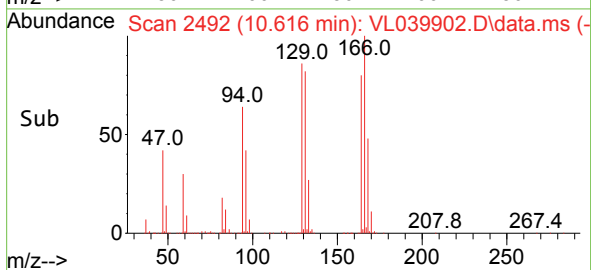
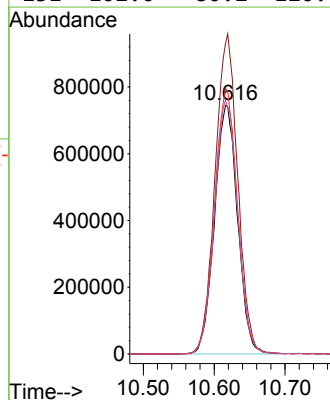
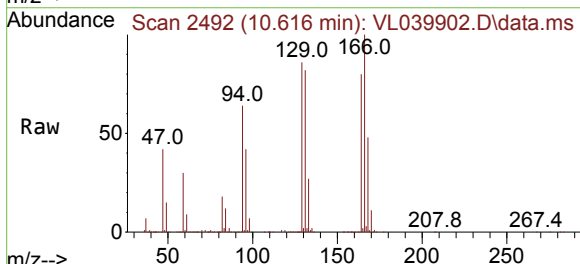
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

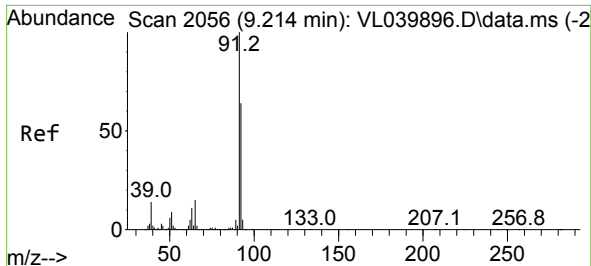
Tgt Ion: 43 Resp: 3786131
Ion Ratio Lower Upper
43 100
58 50.5 40.2 60.4
98 0.1 0.1 0.1#



#52
Tetrachloroethene
Concen: 14.010 ppbv
RT: 10.616 min Scan# 2492
Delta R.T. 0.003 min
Lab File: VL039902.D
Acq: 18 Nov 2022 12:34

Tgt Ion: 164 Resp: 1676311
Ion Ratio Lower Upper
164 100
166 124.8 98.3 147.5
129 106.8 79.7 119.5
131 102.0 80.2 120.4

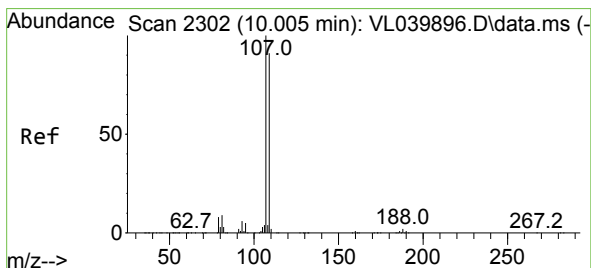
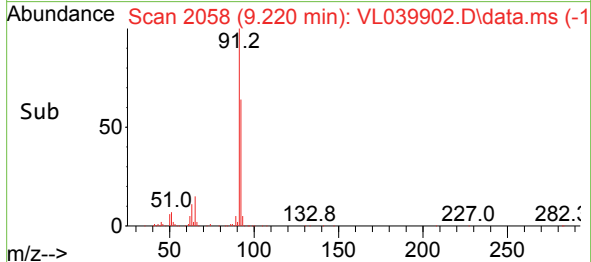
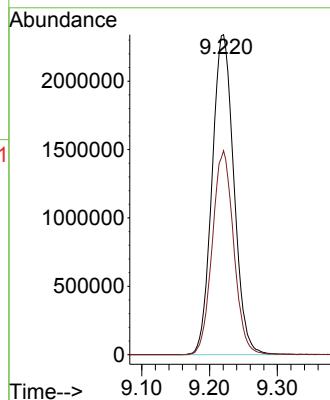
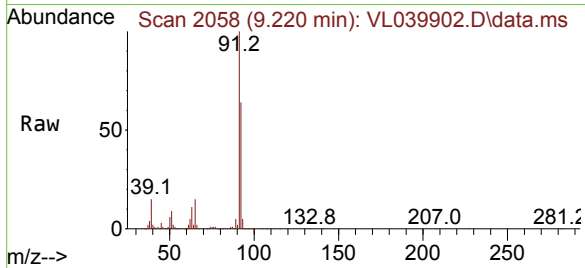




#53
Toluene
Concen: 14.375 ppbv
RT: 9.220 min Scan# 2056
Delta R.T. 0.006 min
Lab File: VL039902.D
Acq: 18 Nov 2022 12:34

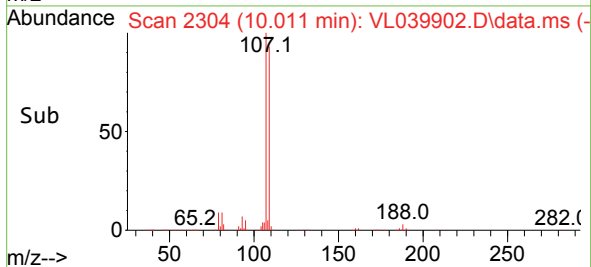
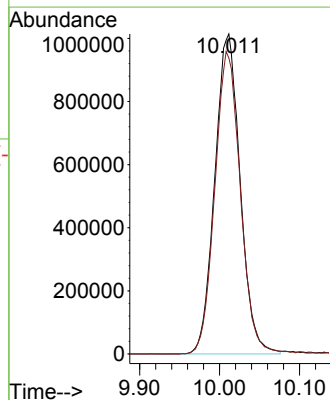
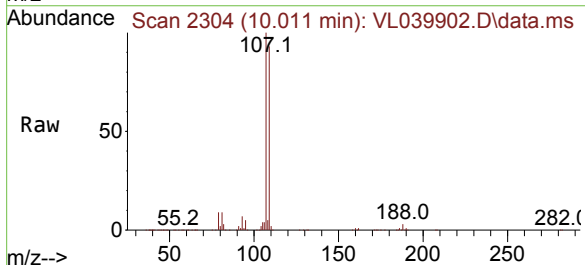
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

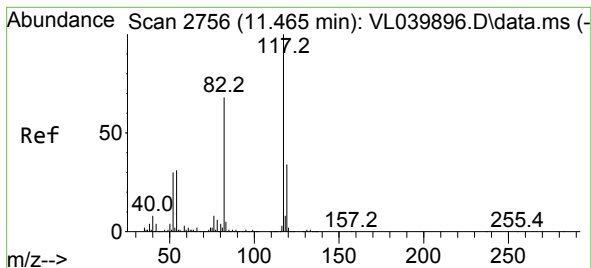
Tgt Ion: 91 Resp: 5237393
Ion Ratio Lower Upper
91 100
92 62.5 49.8 74.6



#54
1,2-Dibromoethane
Concen: 16.335 ppbv
RT: 10.011 min Scan# 2304
Delta R.T. 0.006 min
Lab File: VL039902.D
Acq: 18 Nov 2022 12:34

Tgt Ion: 107 Resp: 2232525
Ion Ratio Lower Upper
107 100
109 92.5 72.8 109.2

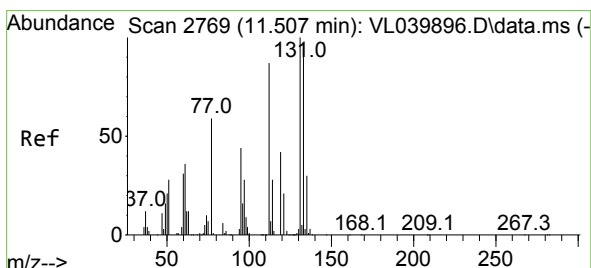
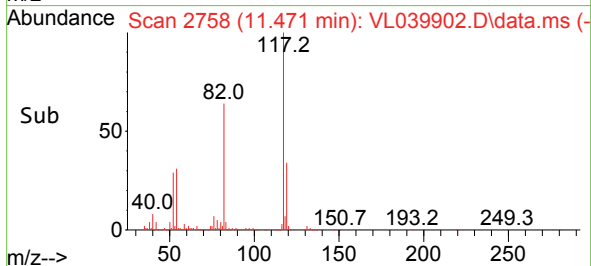
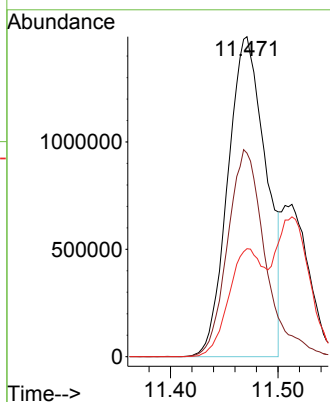
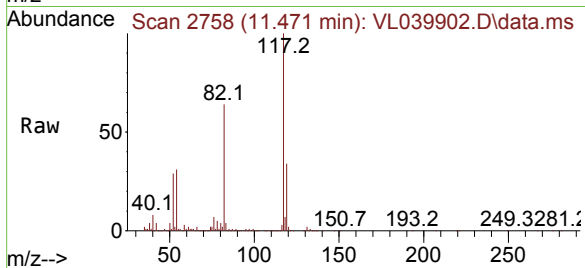




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.471 min Scan# 21
Delta R.T. 0.006 min
Lab File: VL039902.D
Acq: 18 Nov 2022 12:34

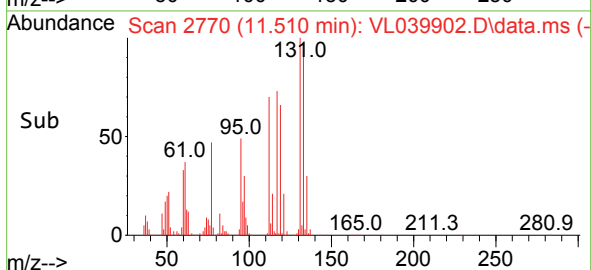
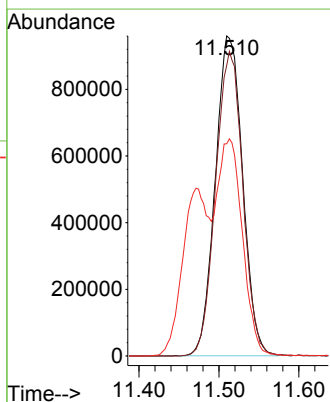
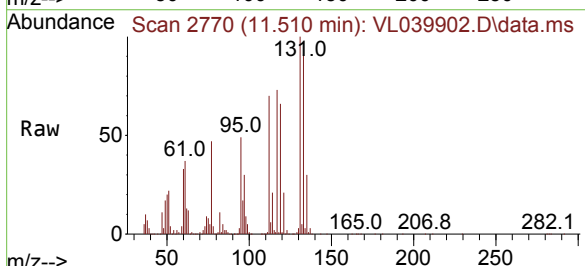
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

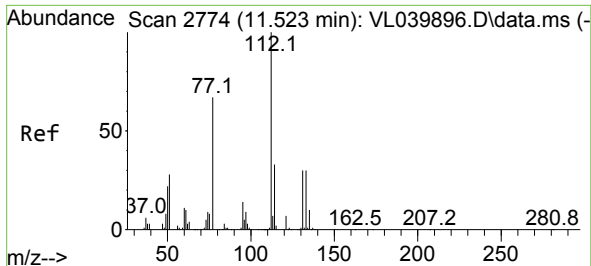
Tgt Ion:117 Resp: 3668805
Ion Ratio Lower Upper
117 100
82 64.3 52.3 78.5
119 31.5 25.7 38.5



#56
1,1,1,2-Tetrachloroethane
Concen: 15.188 ppbv
RT: 11.510 min Scan# 2770
Delta R.T. 0.003 min
Lab File: VL039902.D
Acq: 18 Nov 2022 12:34

Tgt Ion:131 Resp: 2277736
Ion Ratio Lower Upper
131 100
133 94.9 76.7 115.1
119 71.0 46.6 69.8#

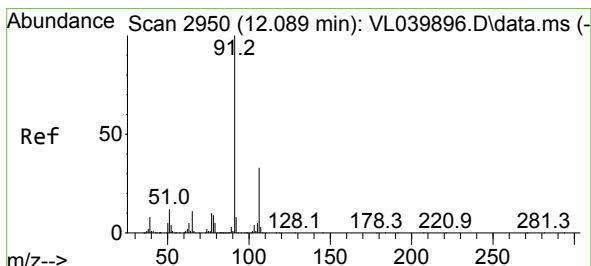
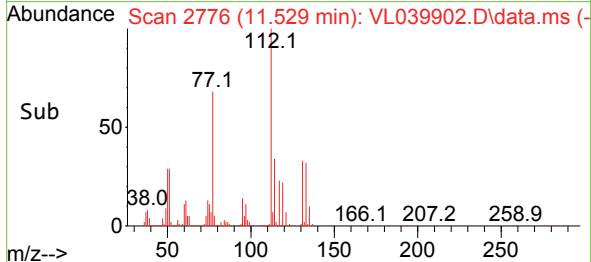
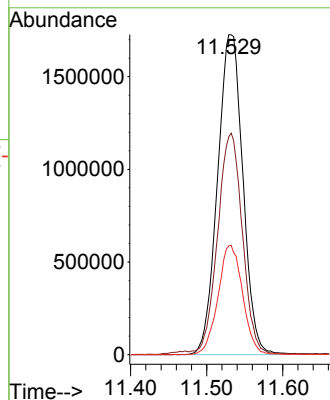
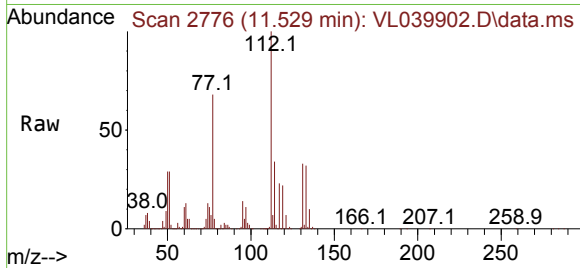




#57
Chlorobenzene
Concen: 14.236 ppbv
RT: 11.529 min Scan# 211
Delta R.T. 0.006 min
Lab File: VL039902.D
Acq: 18 Nov 2022 12:34

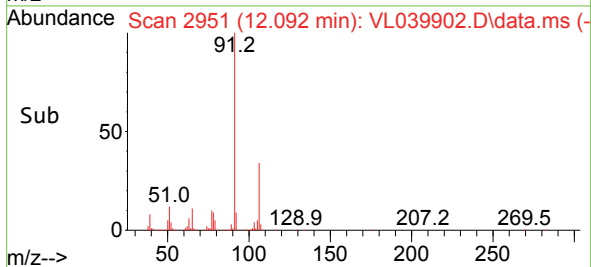
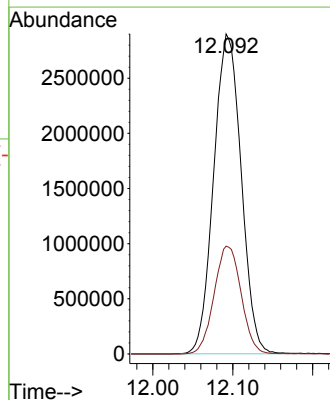
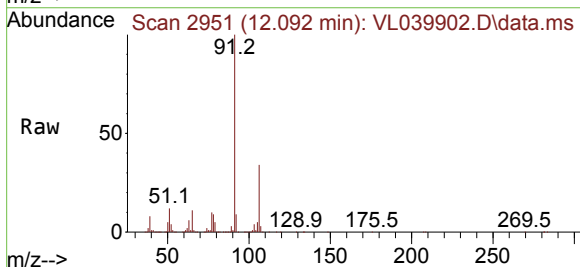
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

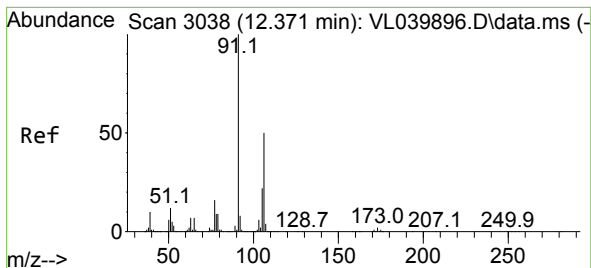
Tgt Ion:112 Resp: 3993426
Ion Ratio Lower Upper
112 100
77 67.8 54.6 81.8
114 33.9 30.1 36.7



#58
Ethyl Benzene
Concen: 13.896 ppbv
RT: 12.092 min Scan# 2951
Delta R.T. 0.003 min
Lab File: VL039902.D
Acq: 18 Nov 2022 12:34

Tgt Ion: 91 Resp: 6916378
Ion Ratio Lower Upper
91 100
106 33.7 26.1 39.1





#59

m/p-Xylene

Concen: 15.398 ppbv

RT: 12.378 min Scan# 3038

Delta R.T. 0.006 min

Lab File: VL039902.D

Acq: 18 Nov 2022 12:34

Instrument :

MSVOA_L

ClientSampleId :

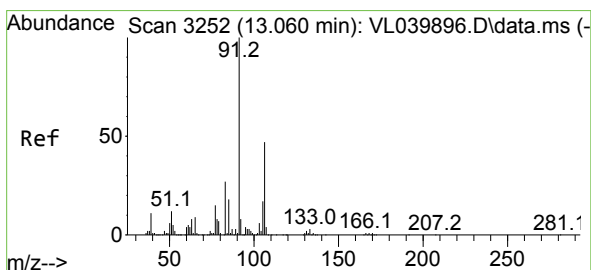
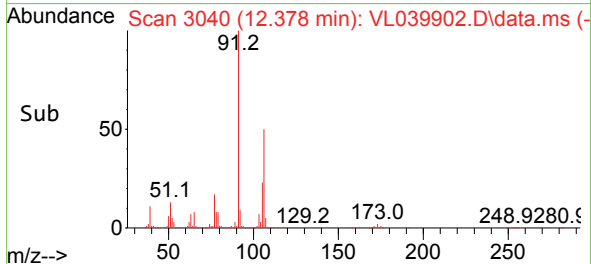
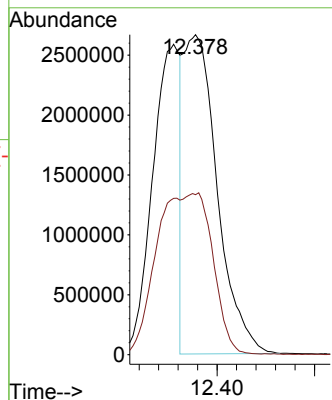
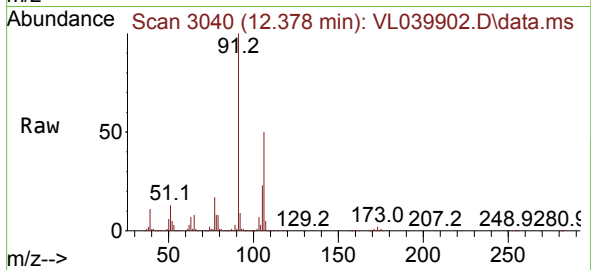
VSTDIC015

Tgt Ion: 91 Resp: 6414620

Ion Ratio Lower Upper

91 100

106 84.4 37.0 55.6#



#60

o-Xylene

Concen: 13.973 ppbv

RT: 13.066 min Scan# 3254

Delta R.T. 0.006 min

Lab File: VL039902.D

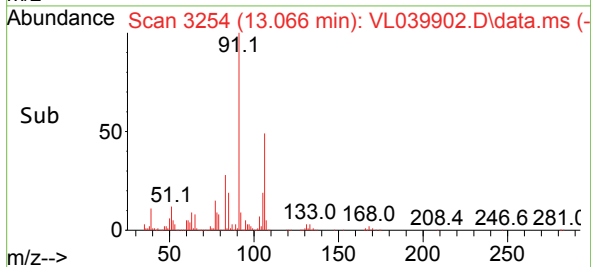
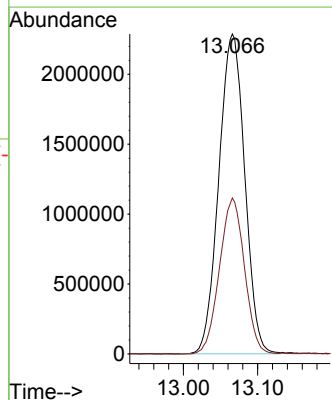
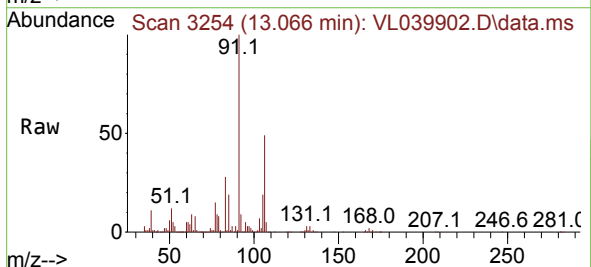
Acq: 18 Nov 2022 12:34

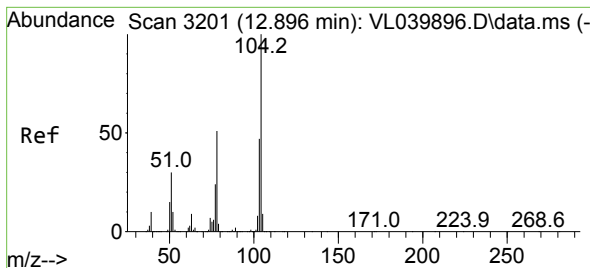
Tgt Ion: 91 Resp: 5551286

Ion Ratio Lower Upper

91 100

106 47.1 23.2 69.6





#61

Styrene

Concen: 15.093 ppbv

RT: 12.905 min Scan# 31

Delta R.T. 0.010 min

Lab File: VL039902.D

Acq: 18 Nov 2022 12:34

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC015

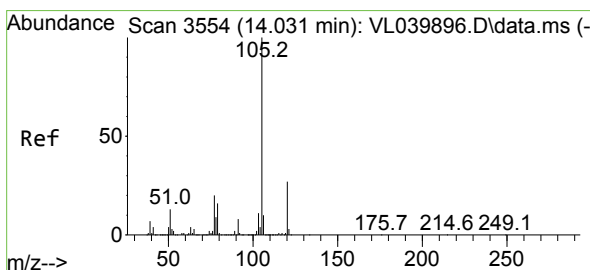
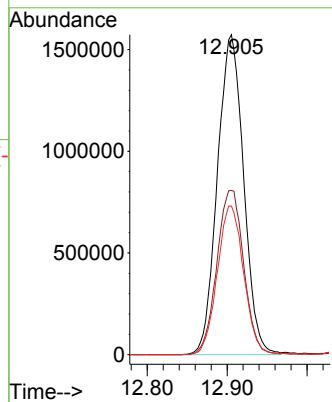
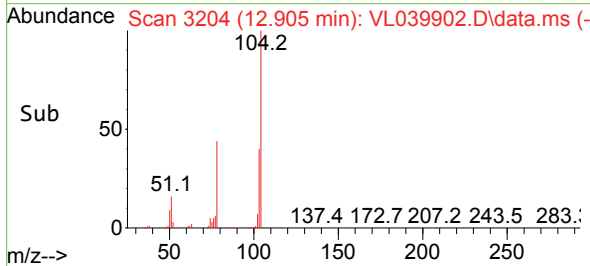
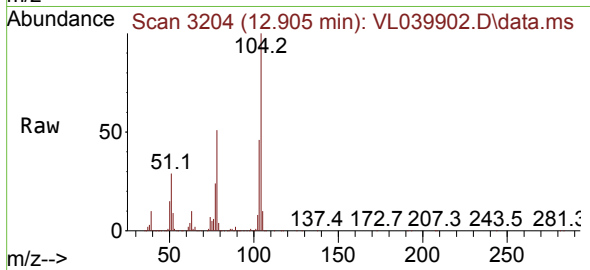
Tgt Ion:104 Resp: 3579098

Ion Ratio Lower Upper

104 100

78 52.8 41.8 62.8

103 47.0 37.2 55.8



#62

Isopropylbenzene

Concen: 13.764 ppbv

RT: 14.040 min Scan# 3557

Delta R.T. 0.010 min

Lab File: VL039902.D

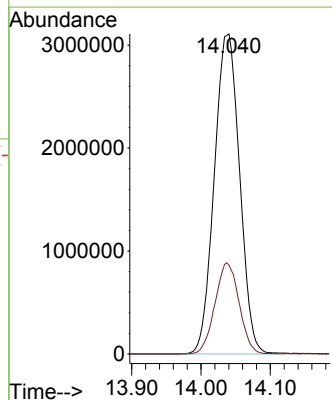
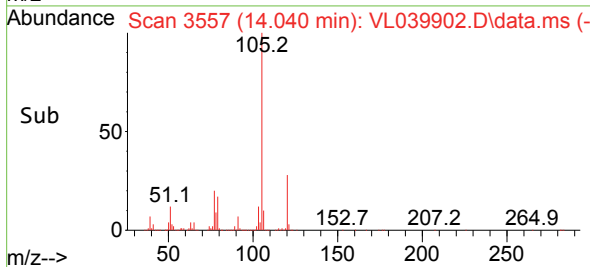
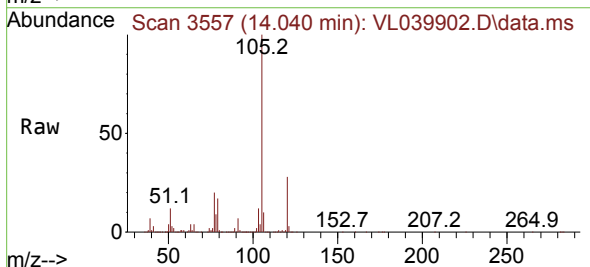
Acq: 18 Nov 2022 12:34

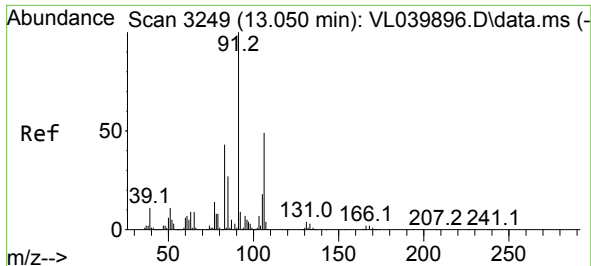
Tgt Ion:105 Resp: 7885262

Ion Ratio Lower Upper

105 100

120 27.2 21.4 32.2

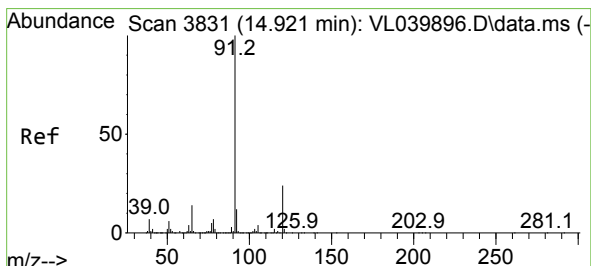
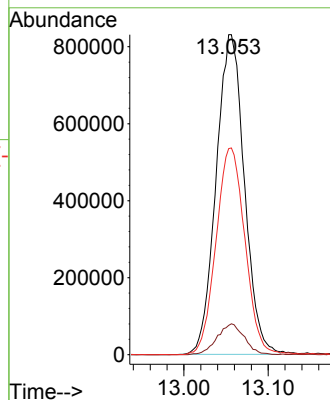
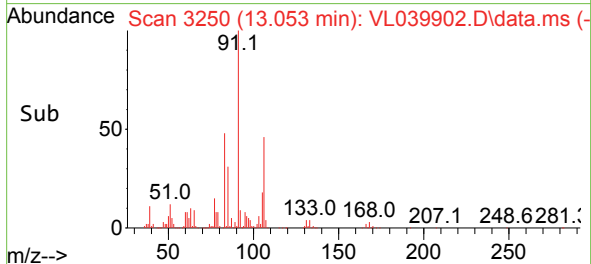
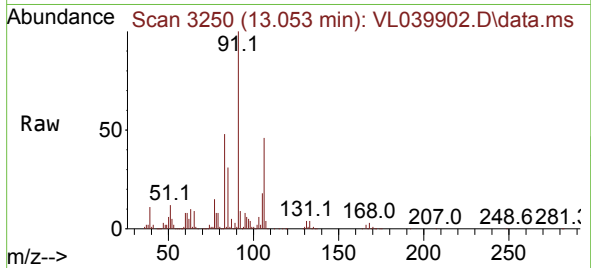




#63
1,1,2,2-Tetrachloroethane
Concen: 14.555 ppbv
RT: 13.053 min Scan# 31
Delta R.T. 0.003 min
Lab File: VL039902.D
Acq: 18 Nov 2022 12:34

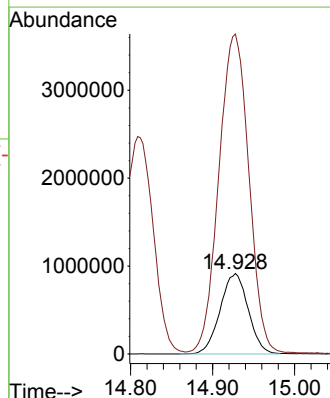
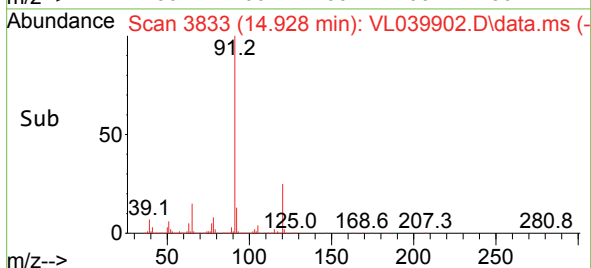
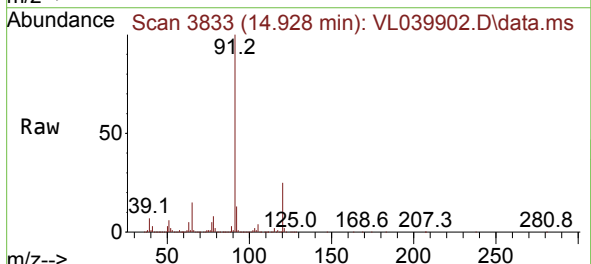
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

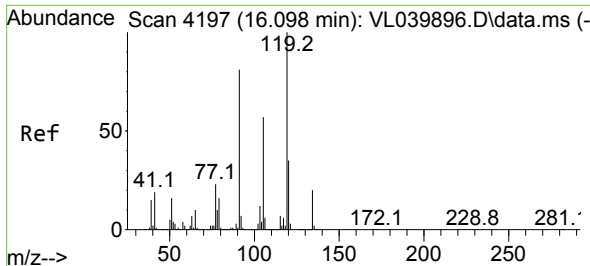
Tgt Ion: 83 Resp: 1930810
Ion Ratio Lower Upper
83 100
131 9.4 4.6 13.8
85 66.7 33.0 99.0



#64
n-propylbenzene
Concen: 14.529 ppbv
RT: 14.928 min Scan# 3833
Delta R.T. 0.006 min
Lab File: VL039902.D
Acq: 18 Nov 2022 12:34

Tgt Ion:120 Resp: 2177358
Ion Ratio Lower Upper
120 100
91 428.0 353.7 530.5

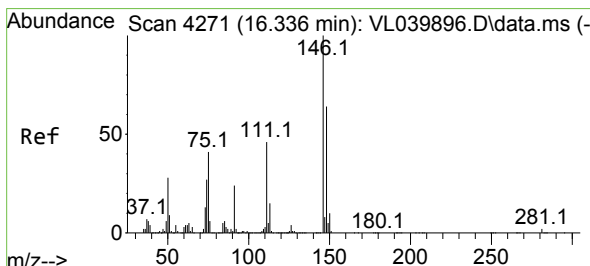
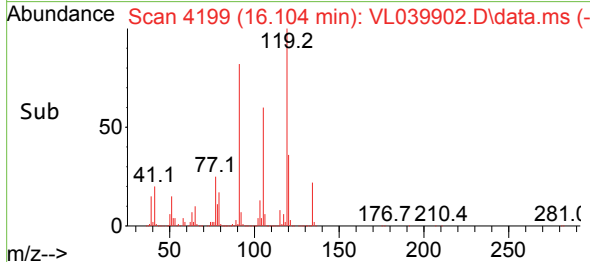
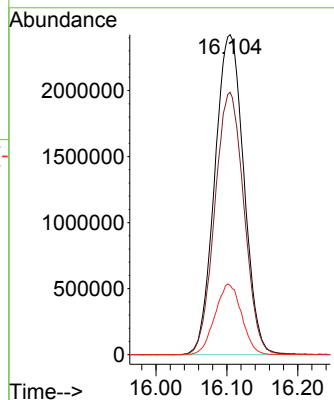
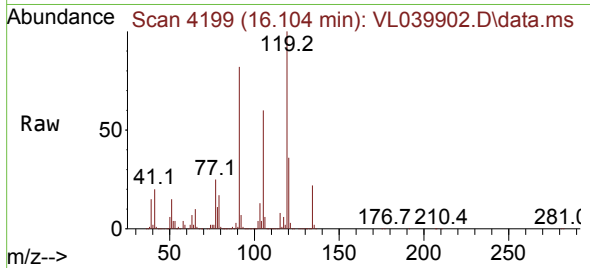




#65
tert-Butylbenzene
Concen: 13.731 ppbv
RT: 16.104 min Scan# 4199
Delta R.T. 0.006 min
Lab File: VL039902.D
Acq: 18 Nov 2022 12:34

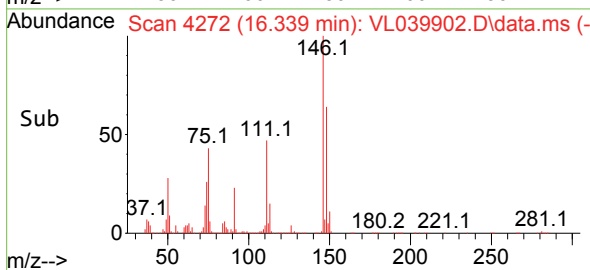
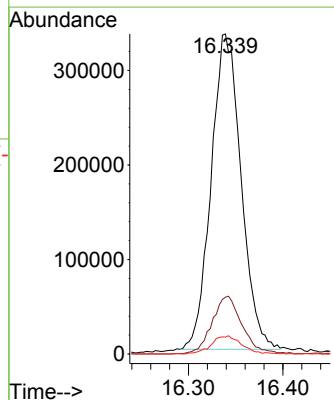
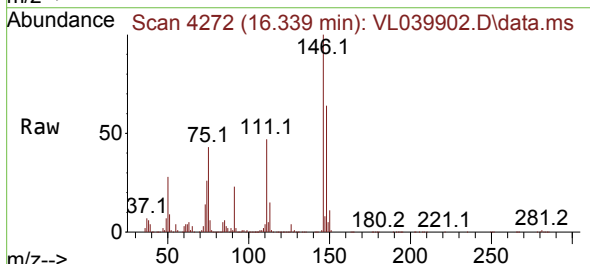
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

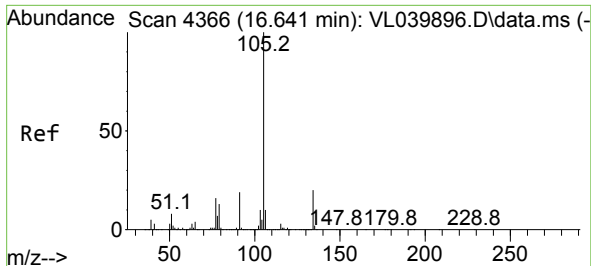
Tgt Ion:119 Resp: 6881361
Ion Ratio Lower Upper
119 100
91 82.6 65.8 98.8
134 20.4 16.1 24.1



#66
Benzyl Chloride
Concen: 17.104 ppbv
RT: 16.339 min Scan# 4272
Delta R.T. 0.003 min
Lab File: VL039902.D
Acq: 18 Nov 2022 12:34

Tgt Ion: 91 Resp: 734599
Ion Ratio Lower Upper
91 100
126 18.4 15.0 22.6
128 5.9 4.6 7.0

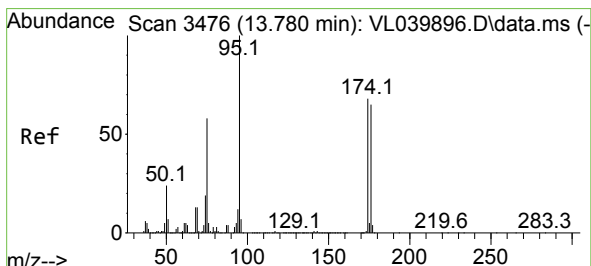
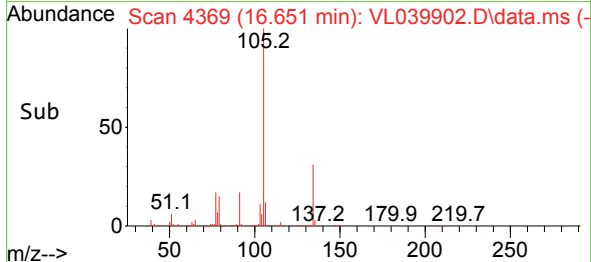
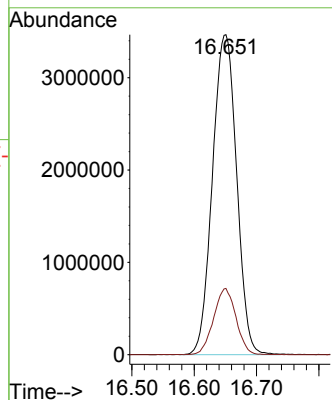
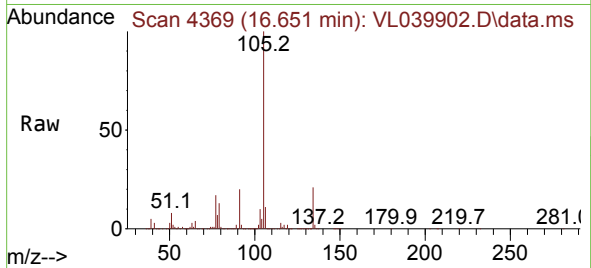




#67
 sec-Butylbenzene
 Concen: 13.524 ppbv
 RT: 16.651 min Scan# 41
 Delta R.T. 0.010 min
 Lab File: VL039902.D
 Acq: 18 Nov 2022 12:34

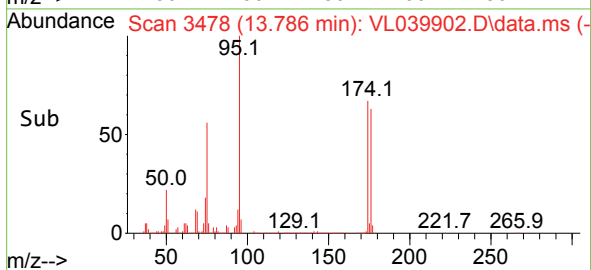
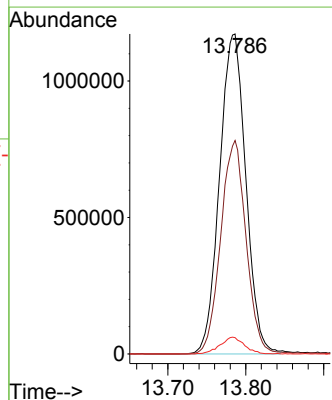
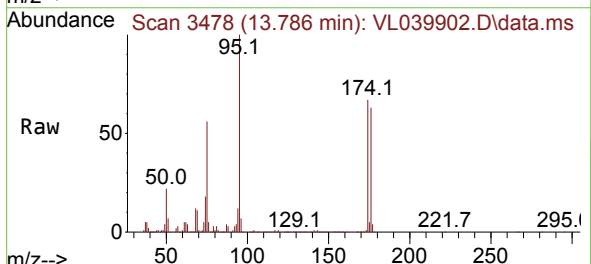
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC015

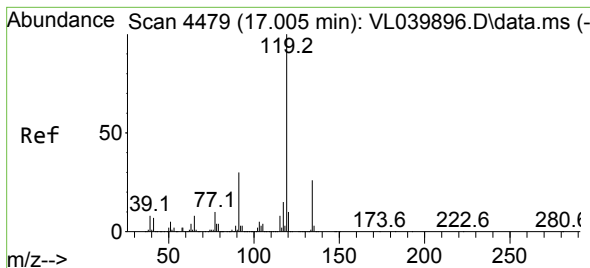
Tgt Ion:105 Resp: 9319494
 Ion Ratio Lower Upper
 105 100
 134 19.3 15.0 22.6



#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.783 ppbv
 RT: 13.786 min Scan# 3478
 Delta R.T. 0.006 min
 Lab File: VL039902.D
 Acq: 18 Nov 2022 12:34

Tgt Ion: 95 Resp: 2741347
 Ion Ratio Lower Upper
 95 100
 174 64.7 53.7 80.5
 175 4.9 4.0 6.0





#69

p-Isopropyltoluene

Concen: 13.741 ppbv

RT: 17.008 min Scan# 4479

Delta R.T. 0.003 min

Lab File: VL039902.D

Acq: 18 Nov 2022 12:34

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC015

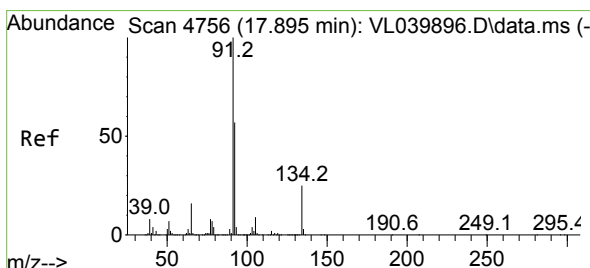
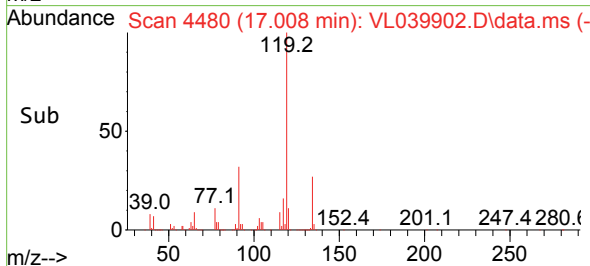
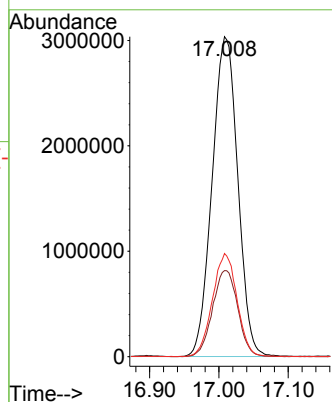
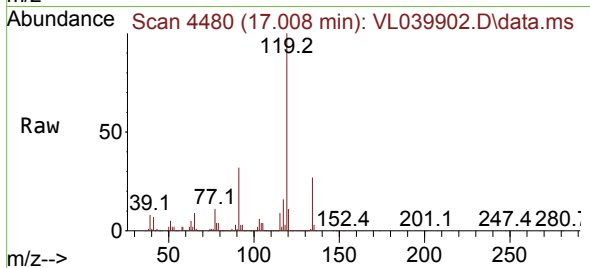
Tgt Ion:119 Resp: 7799916

Ion Ratio Lower Upper

119 100

134 26.6 21.0 31.4

91 31.0 24.4 36.6



#70

n-Butylbenzene

Concen: 13.915 ppbv

RT: 17.902 min Scan# 4758

Delta R.T. 0.006 min

Lab File: VL039902.D

Acq: 18 Nov 2022 12:34

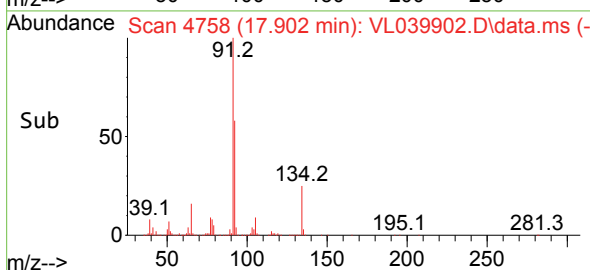
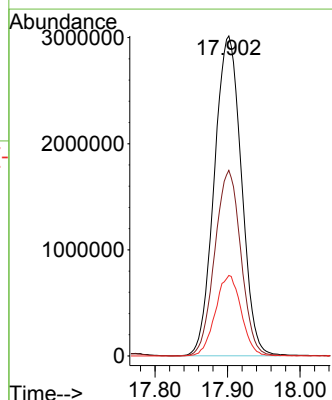
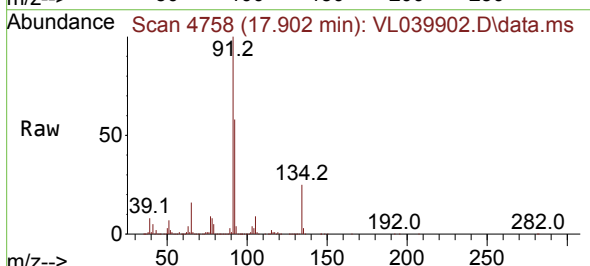
Tgt Ion: 91 Resp: 7830806

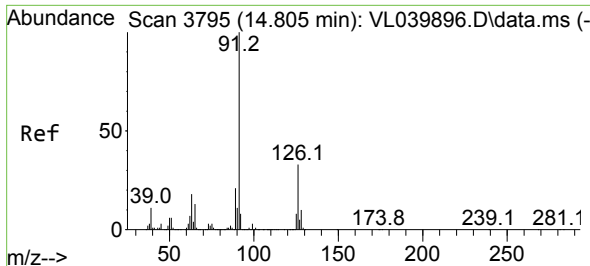
Ion Ratio Lower Upper

91 100

92 56.2 44.2 66.2

134 24.1 18.8 28.2

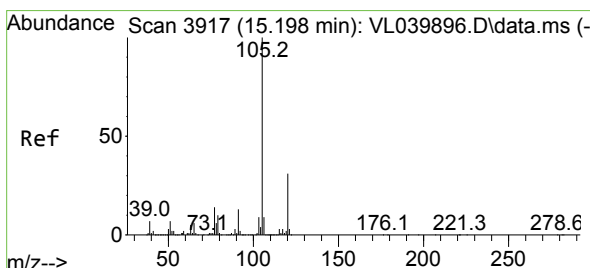
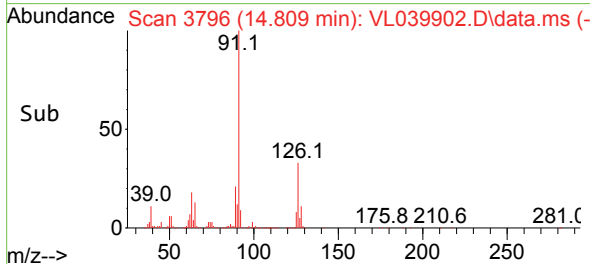
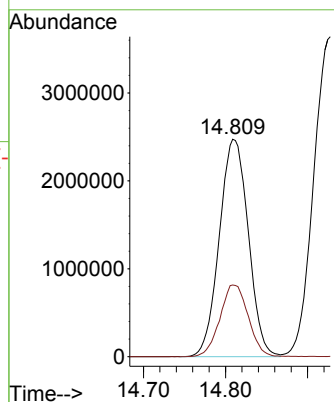
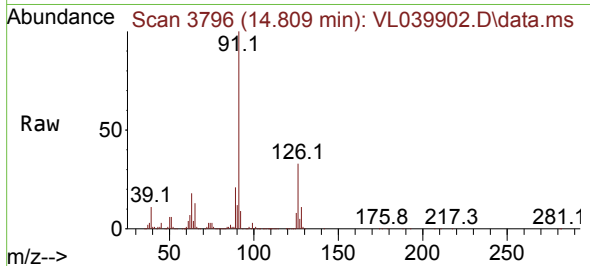




#71
2-Chlorotoluene
Concen: 13.997 ppbv
RT: 14.809 min Scan# 31
Delta R.T. 0.003 min
Lab File: VL039902.D
Acq: 18 Nov 2022 12:34

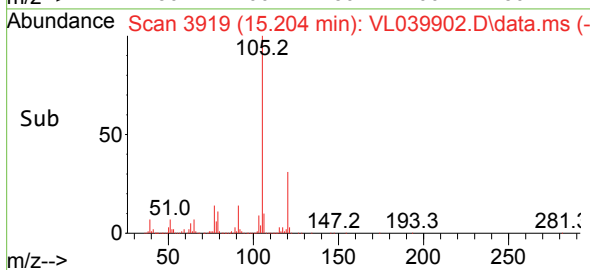
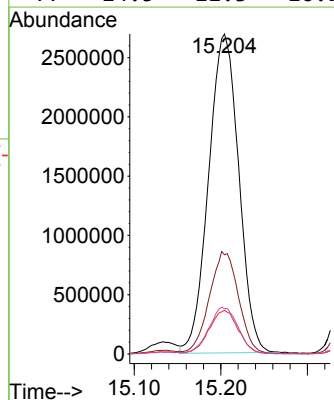
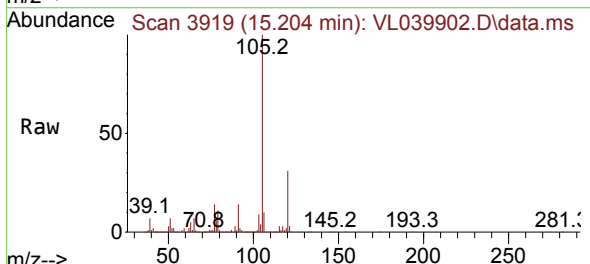
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

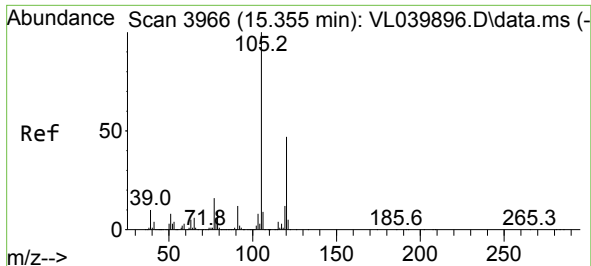
Tgt Ion: 91 Resp: 6078135
Ion Ratio Lower Upper
91 100
126 32.4 12.8 51.0



#72
4-Ethyltoluene
Concen: 14.557 ppbv
RT: 15.204 min Scan# 3919
Delta R.T. 0.006 min
Lab File: VL039902.D
Acq: 18 Nov 2022 12:34

Tgt Ion: 105 Resp: 6500647
Ion Ratio Lower Upper
105 100
120 31.3 24.5 36.7
91 13.2 10.4 15.6
77 14.5 11.3 16.9

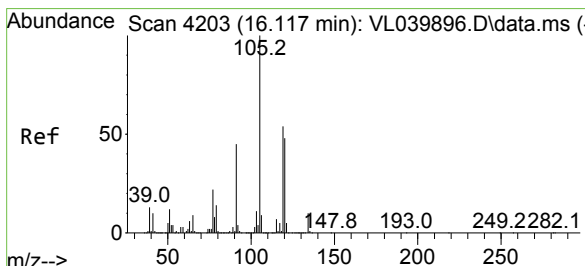
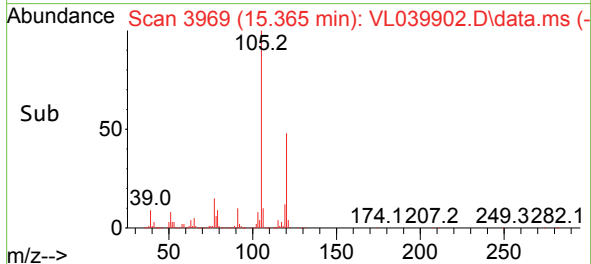
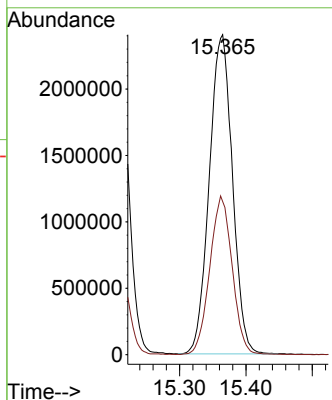
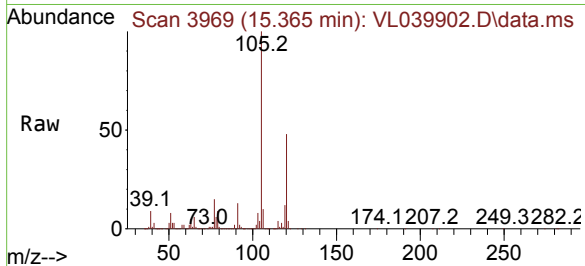




#73
 1,3,5-Trimethylbenzene
 Concen: 14.236 ppbv
 RT: 15.365 min Scan# 3966
 Delta R.T. 0.010 min
 Lab File: VL039902.D
 Acq: 18 Nov 2022 12:34

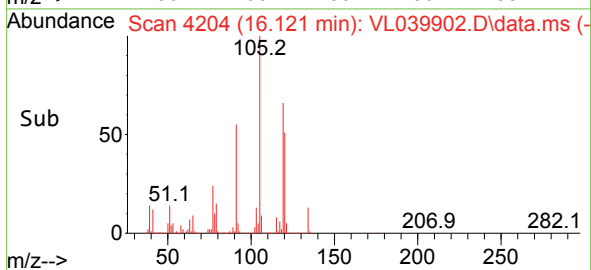
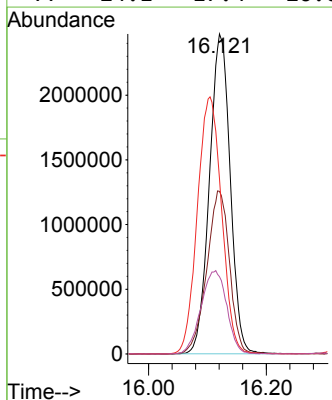
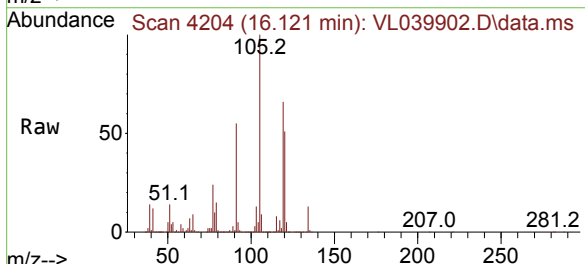
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC015

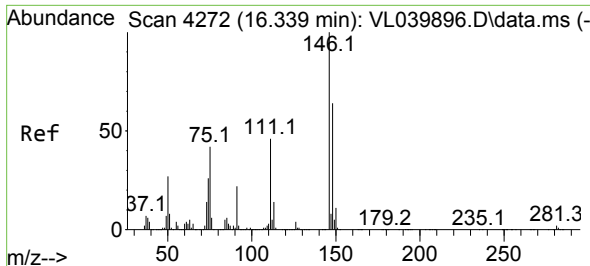
Tgt Ion:105 Resp: 5819693
 Ion Ratio Lower Upper
 105 100
 120 47.8 37.9 56.9



#74
 1,2,4-Trimethylbenzene
 Concen: 14.003 ppbv
 RT: 16.121 min Scan# 4204
 Delta R.T. 0.003 min
 Lab File: VL039902.D
 Acq: 18 Nov 2022 12:34

Tgt Ion:105 Resp: 6060100
 Ion Ratio Lower Upper
 105 100
 120 50.7 38.7 58.1
 91 54.8 36.4 54.6#
 77 24.1 17.4 26.0

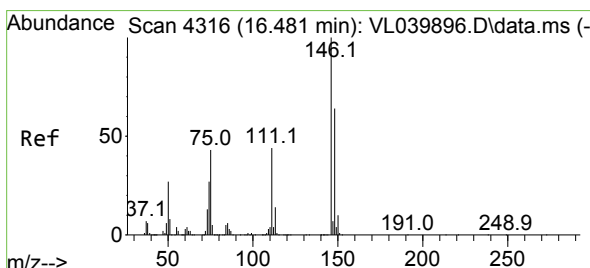
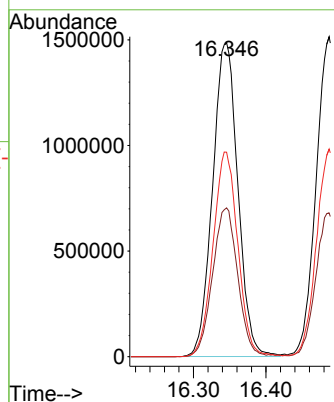
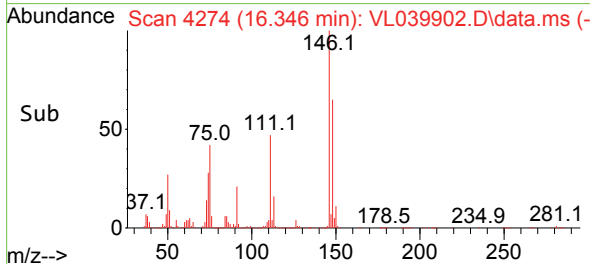
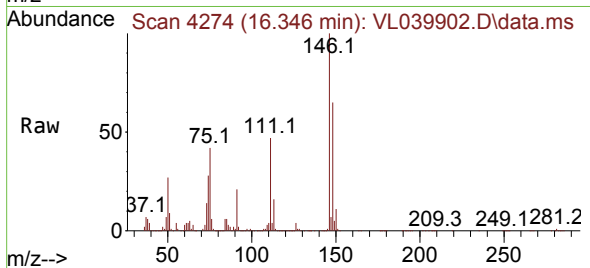




#75
1,3-Dichlorobenzene
Concen: 14.757 ppbv
RT: 16.346 min Scan# 4318
Delta R.T. 0.006 min
Lab File: VL039902.D
Acq: 18 Nov 2022 12:34

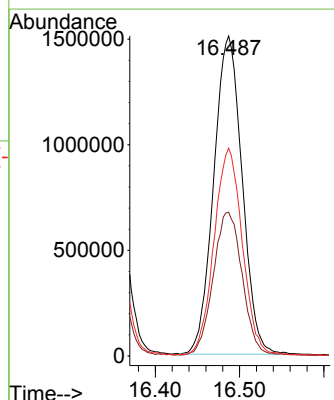
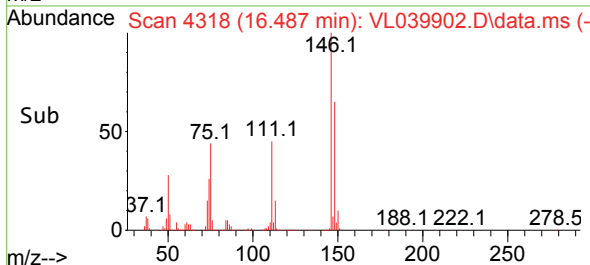
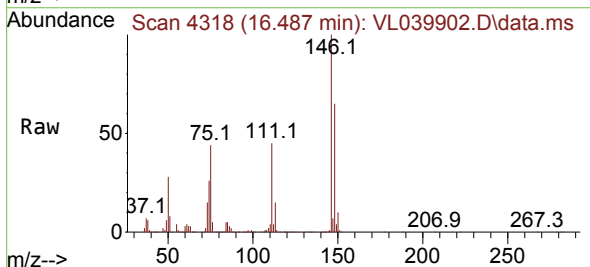
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

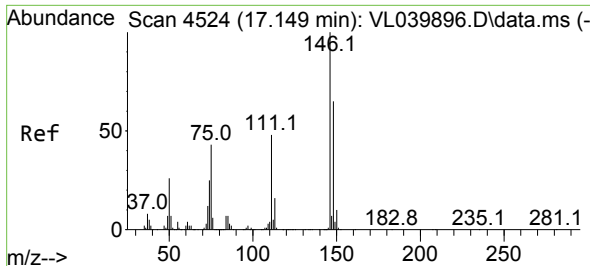
Tgt Ion:146 Resp: 3593362
Ion Ratio Lower Upper
146 100
111 47.5 23.3 69.9
148 64.0 32.2 96.6



#76
1,4-Dichlorobenzene
Concen: 14.580 ppbv
RT: 16.487 min Scan# 4318
Delta R.T. 0.006 min
Lab File: VL039902.D
Acq: 18 Nov 2022 12:34

Tgt Ion:146 Resp: 3519463
Ion Ratio Lower Upper
146 100
111 46.4 22.4 67.3
148 66.0 32.3 96.9

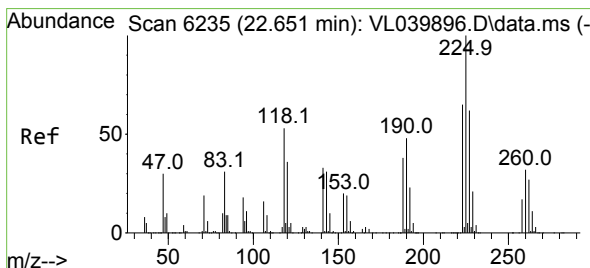
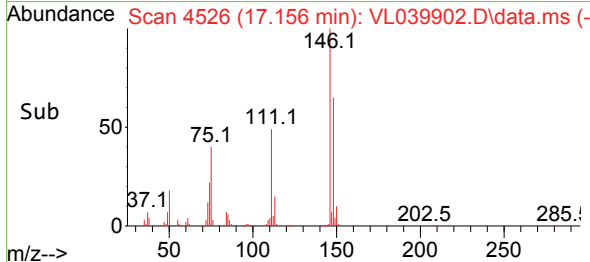
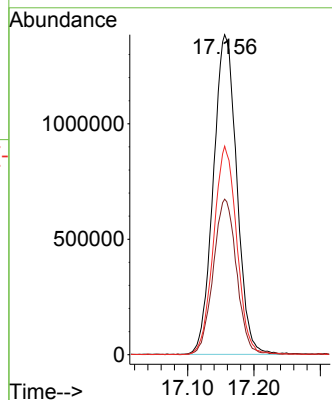
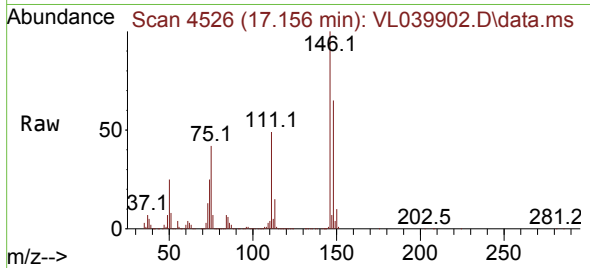




#77
1,2-Dichlorobenzene
Concen: 14.444 ppbv
RT: 17.156 min Scan# 4526
Delta R.T. 0.006 min
Lab File: VL039902.D
Acq: 18 Nov 2022 12:34

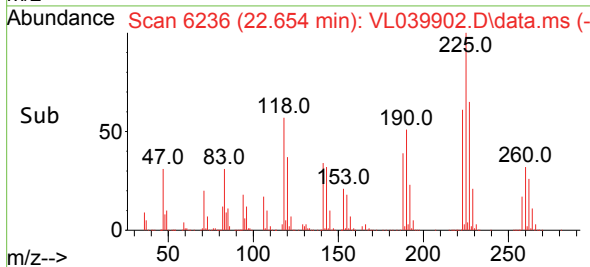
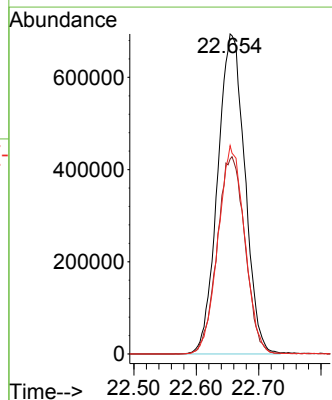
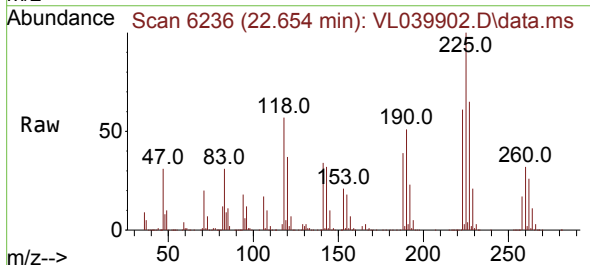
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

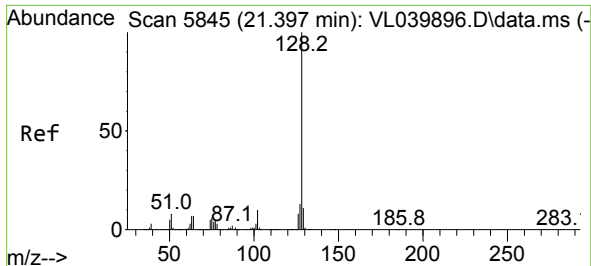
Tgt Ion:146 Resp: 3390646
Ion Ratio Lower Upper
146 100
111 48.7 24.1 72.3
148 64.9 32.4 97.2



#78
Hexachloro-1,3-Butadiene
Concen: 12.918 ppbv
RT: 22.654 min Scan# 6236
Delta R.T. 0.003 min
Lab File: VL039902.D
Acq: 18 Nov 2022 12:34

Tgt Ion:225 Resp: 2104210
Ion Ratio Lower Upper
225 100
223 63.1 50.7 76.1
227 63.8 50.8 76.2

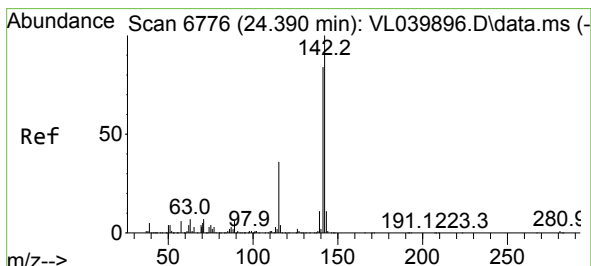
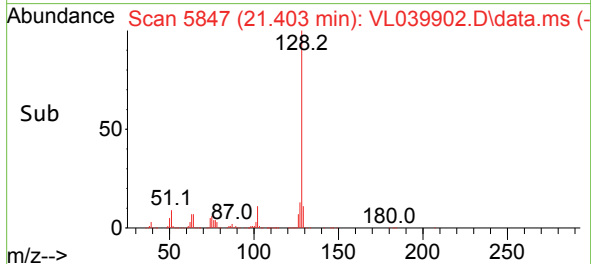
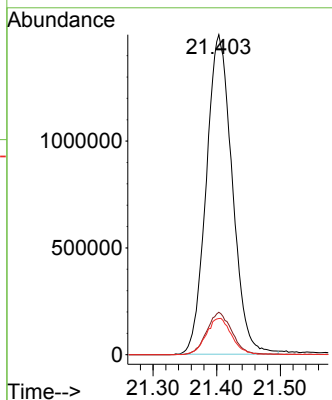
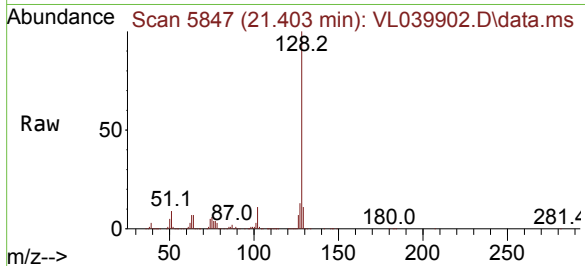




#79
Naphthalene
Concen: 16.357 ppbv
RT: 21.403 min Scan# 5845
Delta R.T. 0.006 min
Lab File: VL039902.D
Acq: 18 Nov 2022 12:34

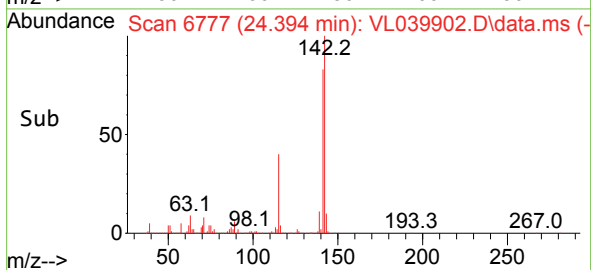
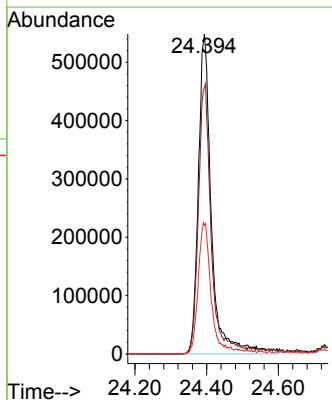
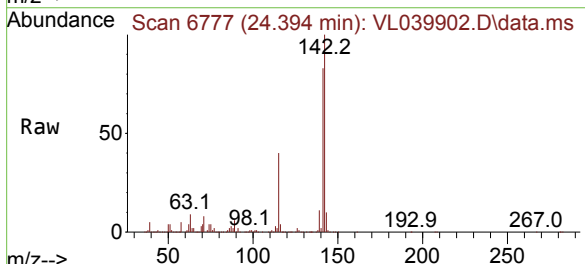
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

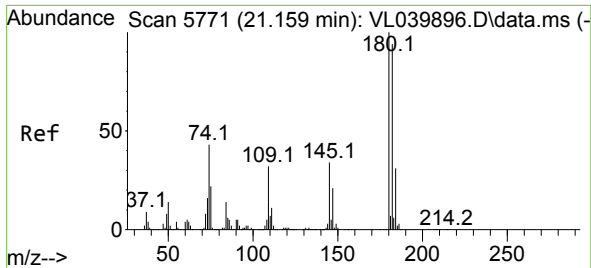
Tgt Ion:128 Resp: 4236727
Ion Ratio Lower Upper
128 100
127 13.2 10.0 15.0
129 11.2 8.8 13.2



#80
Naphthalene,2-methyl-
Concen: 19.154 ppbv
RT: 24.394 min Scan# 6777
Delta R.T. 0.003 min
Lab File: VL039902.D
Acq: 18 Nov 2022 12:34

Tgt Ion:142 Resp: 1395347
Ion Ratio Lower Upper
142 100
141 81.7 69.1 103.7
115 42.0 29.6 44.4





#81
 1,2,4-Trichlorobenzene
 Concen: 14.638 ppbv
 RT: 21.159 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: VL039902.D
 Acq: 18 Nov 2022 12:34

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC015

Tgt Ion:180 Resp: 2341441

Ion	Ratio	Lower	Upper
180	100		
182	97.5	77.0	115.6
184	31.1	25.2	37.8

