

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL102522\
 Data File : VL039787.D
 Acq On : 25 Oct 2022 11:37
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Quant Time: Oct 28 08:01:33 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL102422AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Mon Oct 24 20:00:55 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.198	49	964007	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.655	114	2514325	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.462	117	2328189	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.770	95	1694606	10.232	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.300%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.748	85	966685	9.577	ppbv	99
3) Chlorodifluoromethane	2.694	51	1131683	9.773	ppbv	100
4) Chloromethane	2.832	50	712678	9.831	ppbv	97
5) Vinyl Chloride	2.938	62	602769	10.025	ppbv	97
6) Bromomethane	3.137	94	209310	9.690	ppbv	100
7) Chloroethane	3.214	64	219757	10.177	ppbv	99
8) Dichlorotetrafluoroethane	2.874	85	1307639	9.924	ppbv	99
9) Propene	2.713	41	528424	10.621	ppbv	94
10) Heptane	7.581	43	1305951	10.963	ppbv	99
11) Trichlorofluoromethane	3.578	101	1394477	9.888	ppbv	98
12) 1,1,2-Trichlorotrifluo...	4.079	101	1054562	9.642	ppbv	98
13) Ethanol	3.256	45	13961	3.907	ppbv #	1
14) Bromoethene	3.382	108	422188	9.727	ppbv	99
15) Acetone	3.485	43	1045805	9.083	ppbv	99
16) 1,3-Butadiene	3.002	39	574627	10.097	ppbv	99
17) tert-Butyl alcohol	3.890	59	942604	10.037	ppbv	98
18) 1,1-Dichloroethene	3.893	96	469836	9.762	ppbv	98
19) Isopropyl Alcohol	3.591	45	591839	10.970	ppbv	98
20) Methylene Chloride	3.944	84	398207	9.090	ppbv	94
21) Allyl Chloride	4.009	41	727877	9.767	ppbv	97
22) trans-1,2-Dichloroethene	4.456	96	483461	9.670	ppbv	99
23) Vinyl Acetate	4.636	43	427576	9.633	ppbv	98
24) 1,1-Dichloroethane	4.574	63	998317	9.658	ppbv	99
25) Ethyl Acetate	5.211	43	2382104	10.582	ppbv	99
26) Hexane	5.221	57	967427	10.335	ppbv	99
27) Carbon Disulfide	4.134	76	1200418	10.803	ppbv	97
28) Methyl tert-Butyl Ether	4.597	73	789019	9.689	ppbv	98
29) Chloroform	5.282	83	1441541	9.796	ppbv	99
30) Cyclohexane	6.607	84	794362	10.357	ppbv	97
31) cis-1,2-Dichloroethene	5.089	61	927922	10.270	ppbv	98
32) 1,1,1-Trichloroethane	6.009	97	1384190	10.364	ppbv	99
34) 2-Butanone	4.796	43	1183015	10.001	ppbv	100
35) Carbon Tetrachloride	6.497	117	1465615	10.224	ppbv	98
36) Benzene	6.375	78	2011883	10.390	ppbv	99
37) 1,2-Dichloroethane	5.809	62	1077266	10.244	ppbv	99
38) Trichloroethene	7.291	130	1165621	10.663	ppbv	99
39) 1,2-Dichloropropane	7.076	63	759824	10.186	ppbv	95
40) 1,4-Dioxane	7.288	88	317269	12.478	ppbv #	100
41) Tetrahydrofuran	5.565	42	829979	11.293	ppbv	99
42) Bromodichloromethane	7.250	83	1535678	10.370	ppbv	100
43) Methyl Methacrylate	7.478	69	788422	11.692	ppbv	97
44) 2,2,4-Trimethylpentane	7.327	57	3425221	10.581	ppbv	99
45) t-1,3-Dichloropropene	8.706	75	704757	12.302	ppbv	94

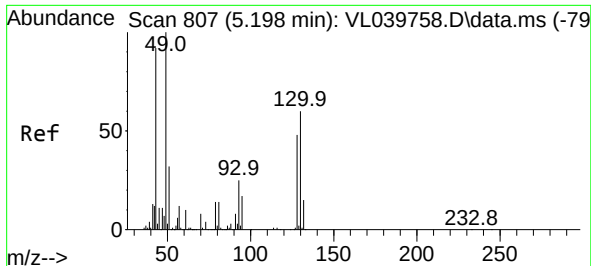
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL102522\
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Quant Time: Oct 28 08:01:33 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL102422AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Mon Oct 24 20:00:55 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.140	75	998004	12.140	ppbv	100
47) 1,1,2-Trichloroethane	8.896	97	802098	10.042	ppbv	98
48) Dibromochloromethane	9.706	129	1325324	10.307	ppbv	100
49) Bromoform	12.401	173	1059732	10.119	ppbv	98
50) 4-Methyl-2-Pentanone	8.182	43	2186413	11.781	ppbv	98
51) 2-Hexanone	9.549	43	1677232	12.344	ppbv #	99
52) Tetrachloroethene	10.613	164	743387	10.249	ppbv	96
53) Toluene	9.217	91	2350294	11.585	ppbv	100
54) 1,2-Dibromoethane	10.008	107	918280	11.325	ppbv	98
56) 1,1,1,2-Tetrachloroethane	11.503	131	959327	9.738	ppbv	99
57) Chlorobenzene	11.523	112	1739059	9.737	ppbv	98
58) Ethyl Benzene	12.085	91	3012495	11.358	ppbv	99
59) m/p-Xylene	12.368	91	2780484	11.615	ppbv #	43
60) o-Xylene	13.050	91	2417348	10.769	ppbv	99
61) Styrene	12.896	104	1436286	12.183	ppbv	99
62) Isopropylbenzene	14.028	105	3501233	10.210	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.037	83	822389	8.711	ppbv	99
64) n-propylbenzene	14.912	120	892118	10.273	ppbv	97
65) tert-Butylbenzene	16.085	119	2986735	9.995	ppbv	100
66) Benzyl Chloride	16.320	91	194857	9.192	ppbv	97
67) sec-Butylbenzene	16.632	105	4159488	9.882	ppbv	100
69) p-Isopropyltoluene	16.989	119	3422681	10.052	ppbv	99
70) n-Butylbenzene	17.879	91	3364603	10.334	ppbv	99
71) 2-Chlorotoluene	14.793	91	2511447	10.544	ppbv	99
72) 4-Ethyltoluene	15.188	105	2738693	10.592	ppbv	98
73) 1,3,5-Trimethylbenzene	15.346	105	2433082	10.514	ppbv	97
74) 1,2,4-Trimethylbenzene	16.105	105	2623960	10.013	ppbv	92
75) 1,3-Dichlorobenzene	16.323	146	1510465	9.496	ppbv	99
76) 1,4-Dichlorobenzene	16.465	146	1452478	9.575	ppbv	98
77) 1,2-Dichlorobenzene	17.133	146	1451131	9.567	ppbv	99
78) Hexachloro-1,3-Butadiene	22.625	225	1043290	9.026	ppbv	99
79) Naphthalene	21.371	128	2145318	13.386	ppbv	99
80) Naphthalene,2-methyl-	24.368	142	653702	12.012	ppbv	95
81) 1,2,4-Trichlorobenzene	21.127	180	1176797	11.111	ppbv	99

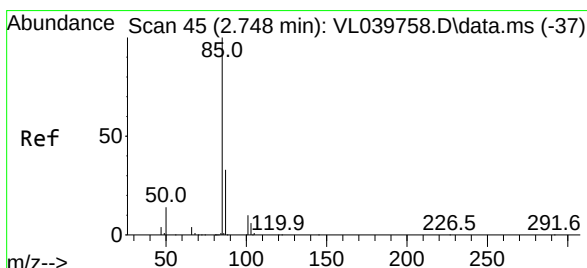
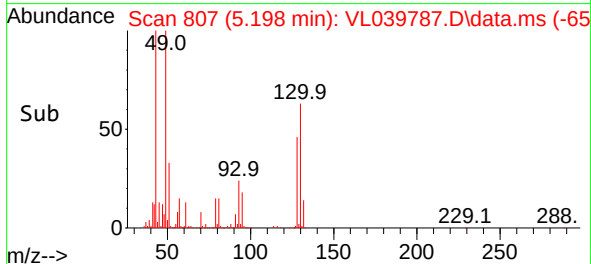
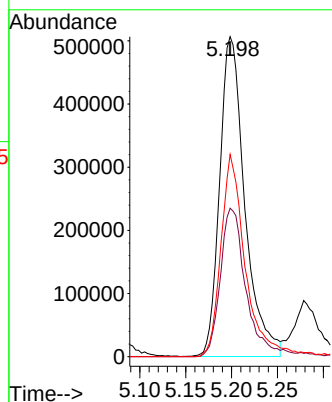
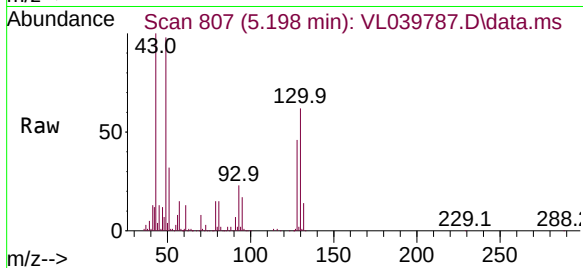
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.198 min Scan# 80
Delta R.T. 0.000 min
Lab File: VL039787.D
Acq: 25 Oct 2022 11:37

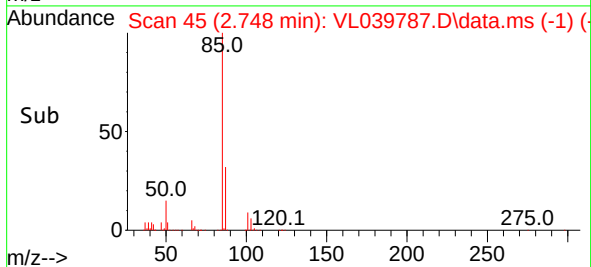
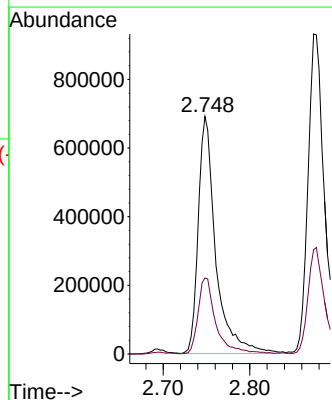
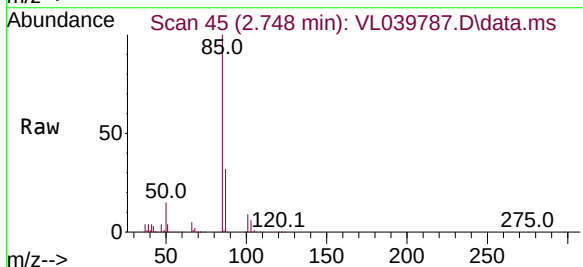
Instrument :
MSVOA_1
ClientSampleId :
VSTDCCC010

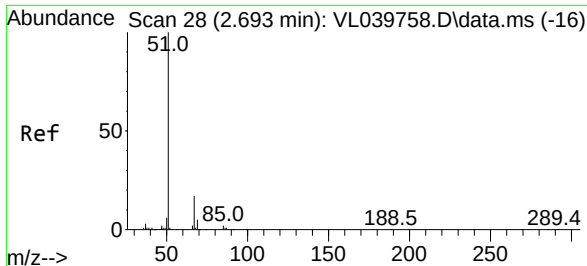
Tgt Ion: 49 Resp: 964007
Ion Ratio Lower Upper
49 100
128 48.7 24.6 74.0
130 62.9 31.8 95.3



#2
Dichlorodifluoromethane
Concen: 9.577 ppbv
RT: 2.748 min Scan# 45
Delta R.T. 0.000 min
Lab File: VL039787.D
Acq: 25 Oct 2022 11:37

Tgt Ion: 85 Resp: 966685
Ion Ratio Lower Upper
85 100
87 32.0 26.1 39.1

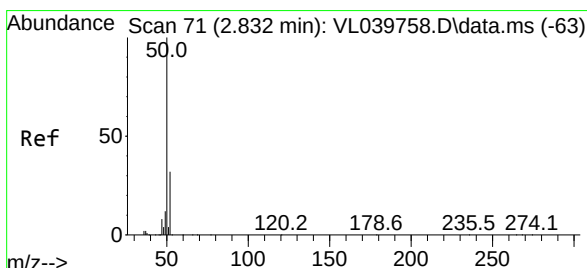
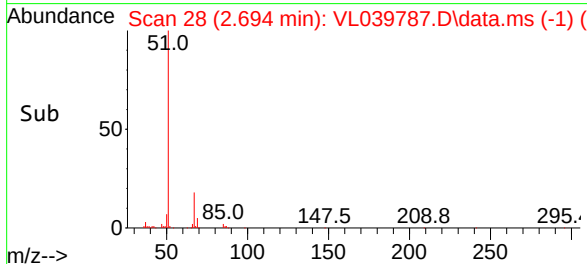
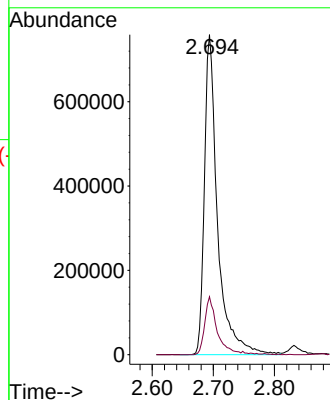
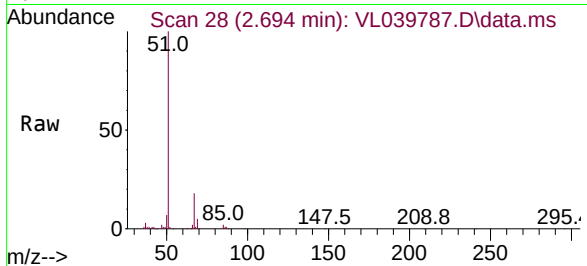




#3
Chlorodifluoromethane
Concen: 9.773 ppbv
RT: 2.694 min Scan# 21
Delta R.T. 0.000 min
Lab File: VL039787.D
Acq: 25 Oct 2022 11:37

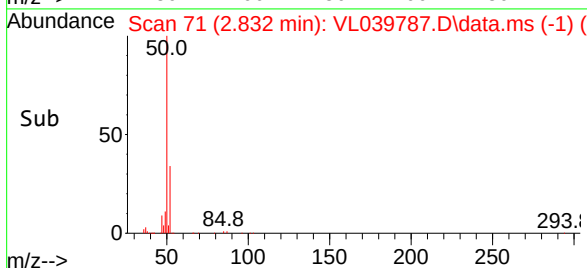
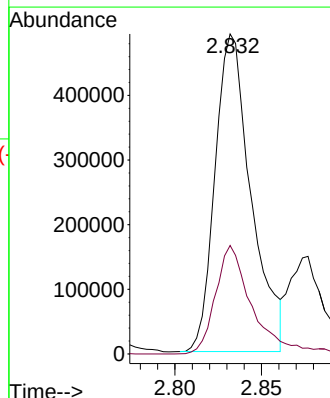
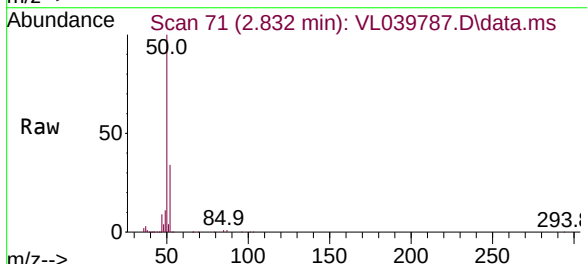
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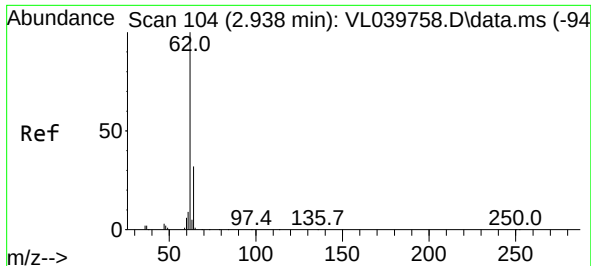
Tgt Ion: 51 Resp: 1131683
Ion Ratio Lower Upper
51 100
67 17.7 14.2 21.2



#4
Chloromethane
Concen: 9.831 ppbv
RT: 2.832 min Scan# 71
Delta R.T. 0.000 min
Lab File: VL039787.D
Acq: 25 Oct 2022 11:37

Tgt Ion: 50 Resp: 712678
Ion Ratio Lower Upper
50 100
52 34.1 25.9 38.9

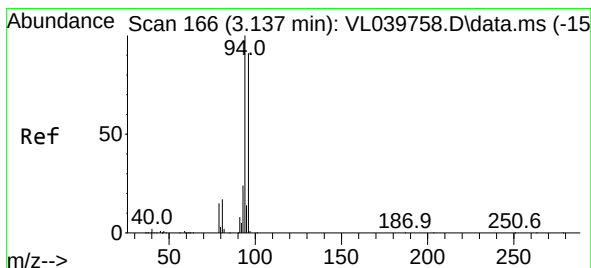
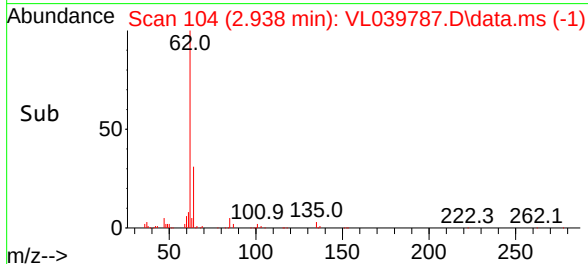
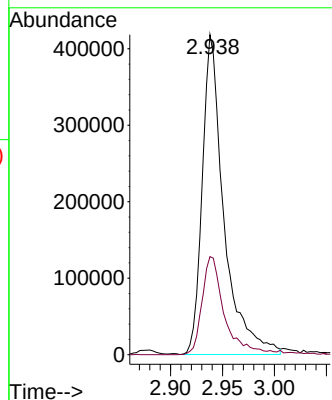
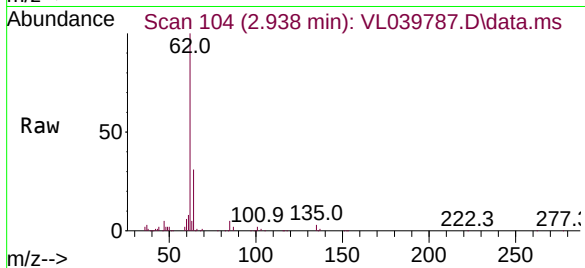




#5
 Vinyl Chloride
 Concen: 10.025 ppbv
 RT: 2.938 min Scan# 104
 Delta R.T. 0.000 min
 Lab File: VL039787.D
 Acq: 25 Oct 2022 11:37

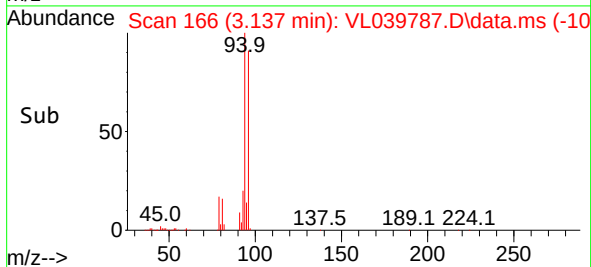
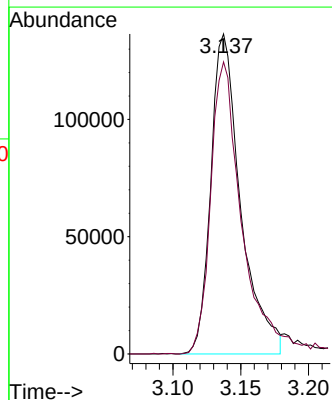
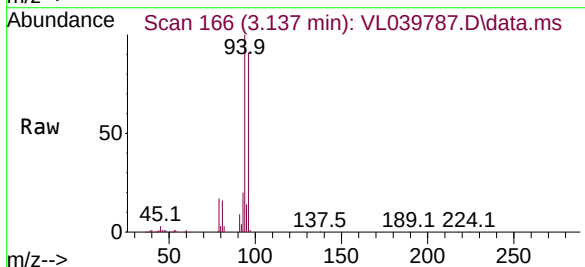
Instrument :
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 ClientSampleId :
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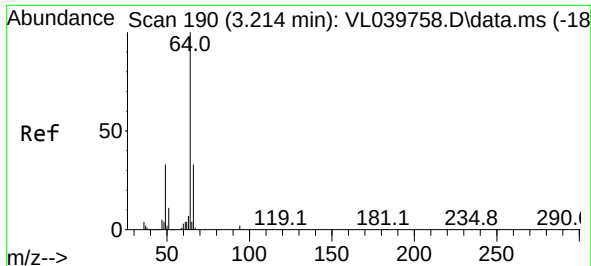
Tgt Ion: 62 Resp: 602769
 Ion Ratio Lower Upper
 62 100
 64 30.6 26.0 39.0



#6
 Bromomethane
 Concen: 9.690 ppbv
 RT: 3.137 min Scan# 166
 Delta R.T. 0.000 min
 Lab File: VL039787.D
 Acq: 25 Oct 2022 11:37

Tgt Ion: 94 Resp: 209310
 Ion Ratio Lower Upper
 94 100
 96 91.2 73.0 109.6

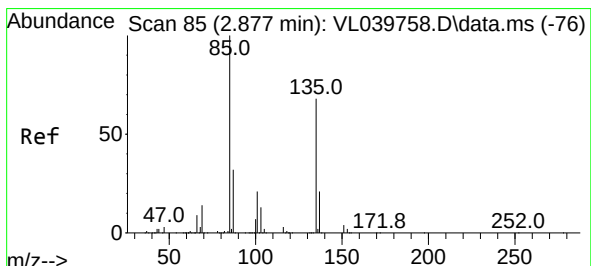
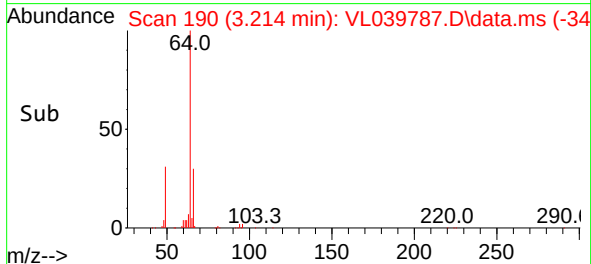
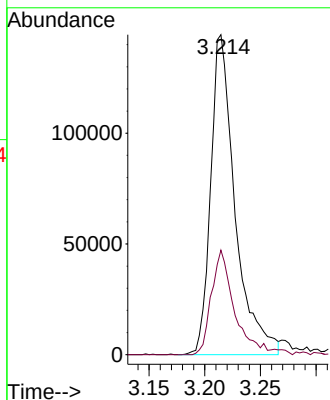
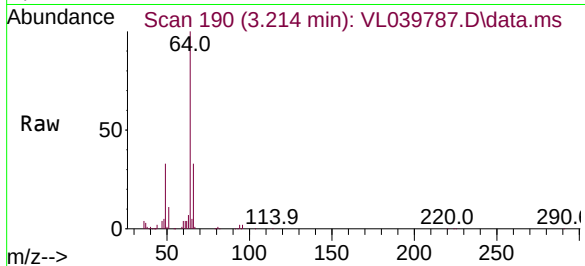




#7
Chloroethane
Concen: 10.177 ppbv
RT: 3.214 min Scan# 190
Delta R.T. 0.000 min
Lab File: VL039787.D
Acq: 25 Oct 2022 11:37

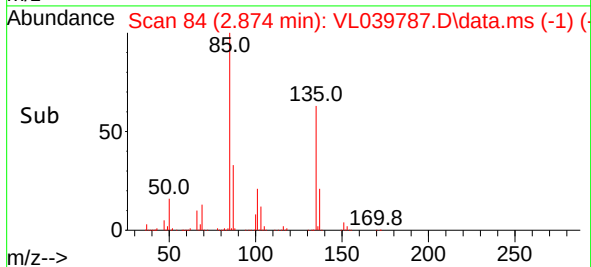
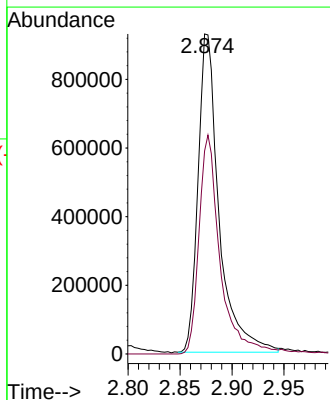
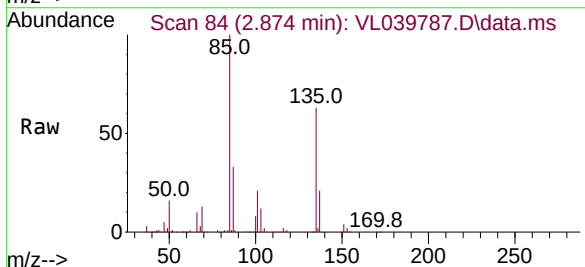
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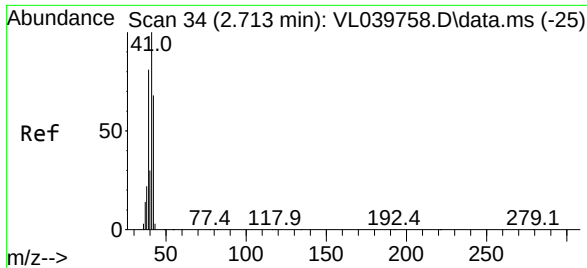
Tgt Ion: 64 Resp: 219757
Ion Ratio Lower Upper
64 100
66 33.3 26.3 39.5



#8
Dichlorotetrafluoroethane
Concen: 9.924 ppbv
RT: 2.874 min Scan# 84
Delta R.T. -0.003 min
Lab File: VL039787.D
Acq: 25 Oct 2022 11:37

Tgt Ion: 85 Resp: 1307639
Ion Ratio Lower Upper
85 100
135 70.7 55.8 83.6





#9

Propene

Concen: 10.621 ppbv

RT: 2.713 min Scan# 34

Delta R.T. 0.000 min

Lab File: VL039787.D

Acq: 25 Oct 2022 11:37

Instrument :

MSVOA_1

ClientSampleId :

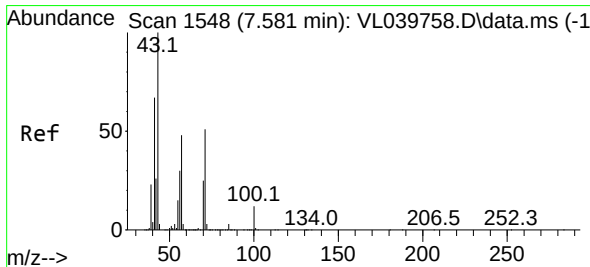
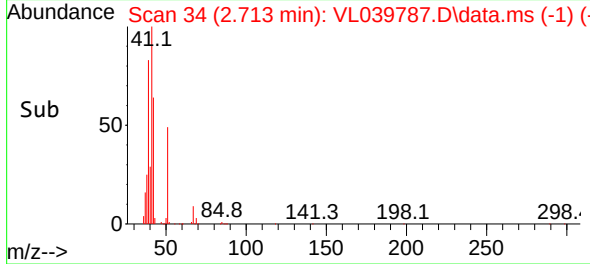
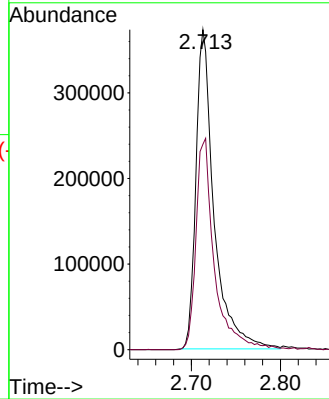
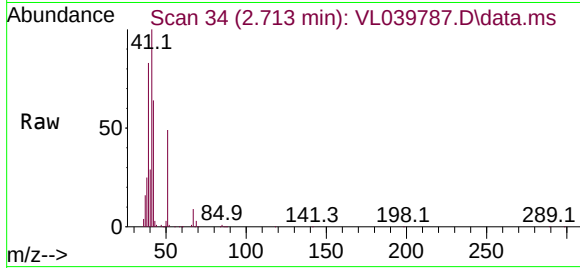
VSTDCCC010

Tgt Ion: 41 Resp: 528424

Ion Ratio Lower Upper

41 100

42 67.7 58.0 87.0



#10

Heptane

Concen: 10.963 ppbv

RT: 7.581 min Scan# 1548

Delta R.T. 0.000 min

Lab File: VL039787.D

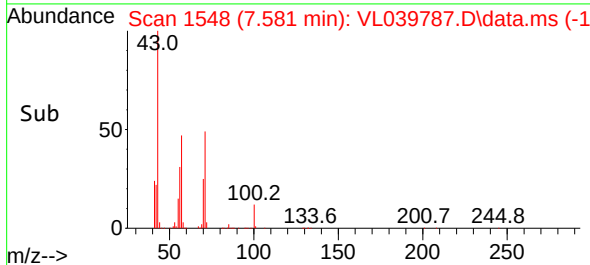
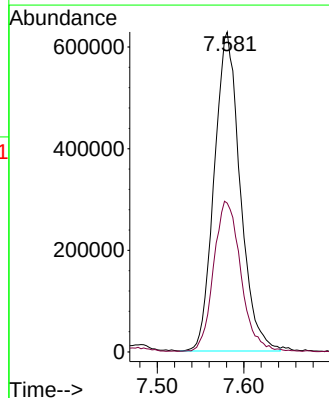
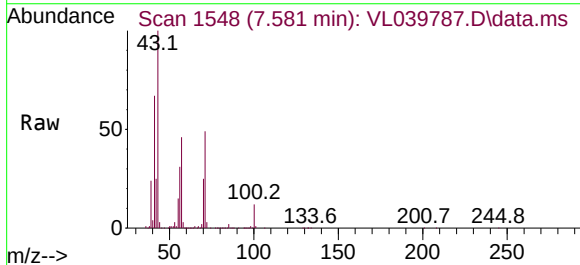
Acq: 25 Oct 2022 11:37

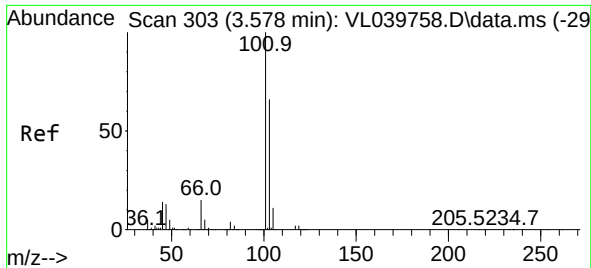
Tgt Ion: 43 Resp: 1305951

Ion Ratio Lower Upper

43 100

57 50.4 40.0 60.0

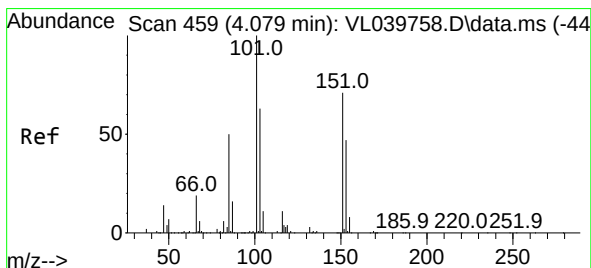
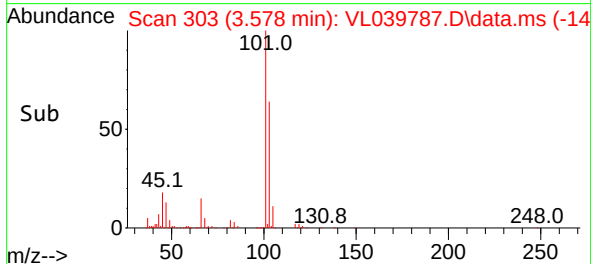
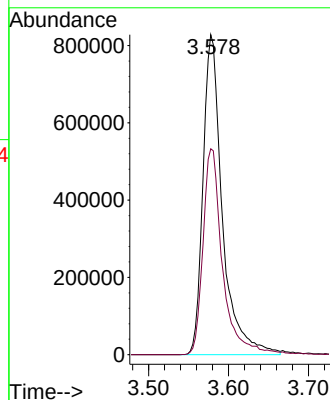
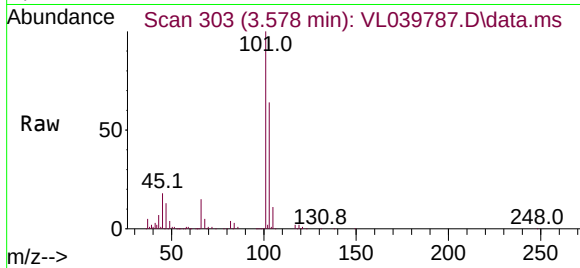




#11
 Trichlorofluoromethane
 Concen: 9.888 ppbv
 RT: 3.578 min Scan# 303
 Delta R.T. 0.000 min
 Lab File: VL039787.D
 Acq: 25 Oct 2022 11:37

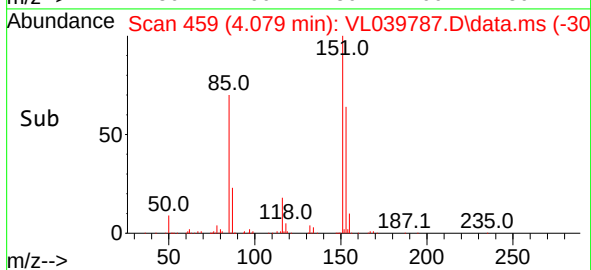
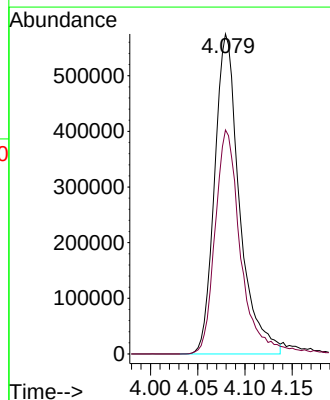
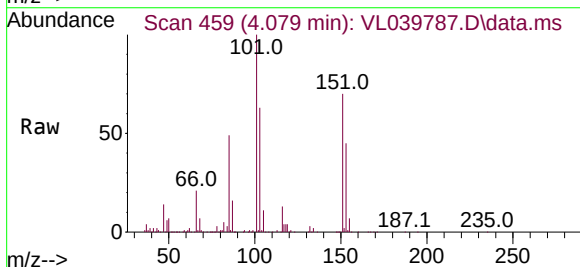
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 ClientSampleId :
 VSTDCCC010

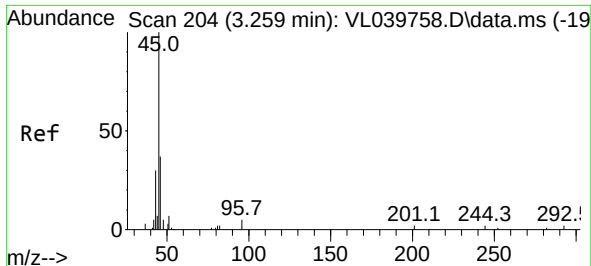
Tgt Ion:101 Resp: 1394477
 Ion Ratio Lower Upper
 101 100
 103 64.3 52.7 79.1



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 9.642 ppbv
 RT: 4.079 min Scan# 459
 Delta R.T. 0.000 min
 Lab File: VL039787.D
 Acq: 25 Oct 2022 11:37

Tgt Ion:101 Resp: 1054562
 Ion Ratio Lower Upper
 101 100
 151 72.7 56.6 84.8

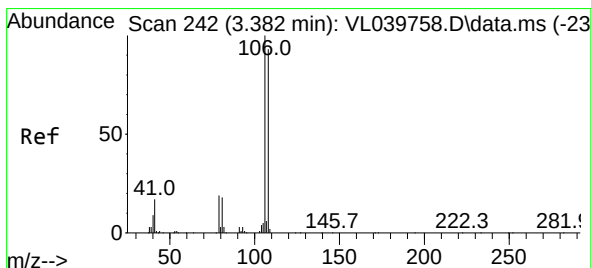
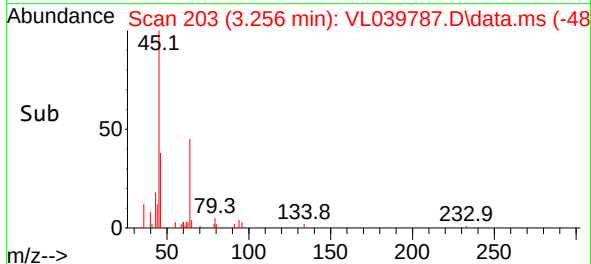
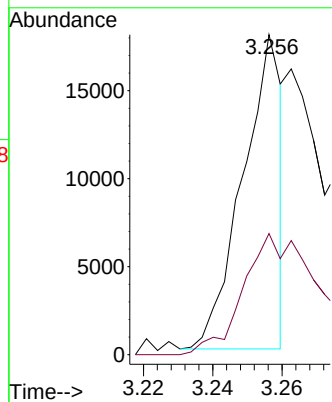
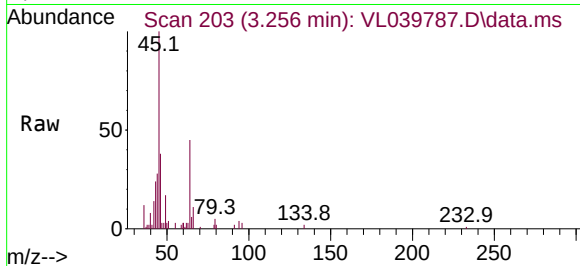




#13
Ethanol
Concen: 3.907 ppbv
RT: 3.256 min Scan# 204
Delta R.T. -0.003 min
Lab File: VL039787.D
Acq: 25 Oct 2022 11:37

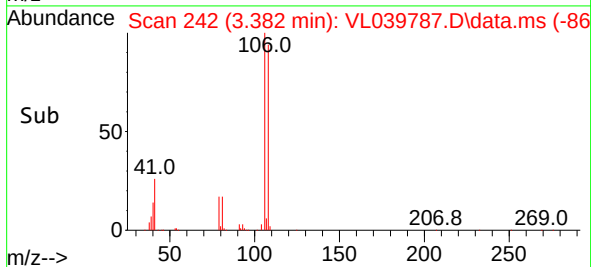
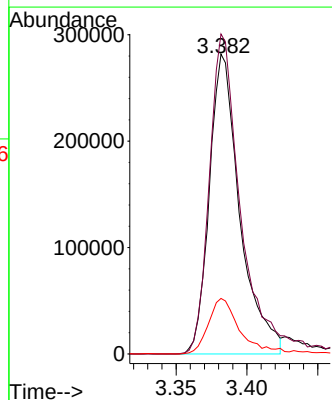
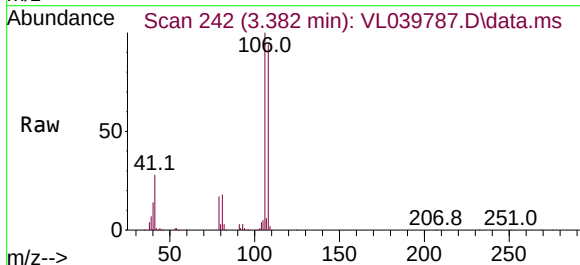
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

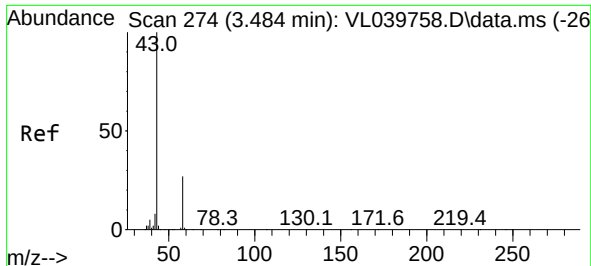
Tgt Ion: 45 Resp: 13961
Ion Ratio Lower Upper
45 100
46 104.3 15.3 61.3#



#14
Bromoethene
Concen: 9.727 ppbv
RT: 3.382 min Scan# 242
Delta R.T. 0.000 min
Lab File: VL039787.D
Acq: 25 Oct 2022 11:37

Tgt Ion:108 Resp: 422188
Ion Ratio Lower Upper
108 100
106 114.0 90.6 136.0
79 20.4 16.6 24.8

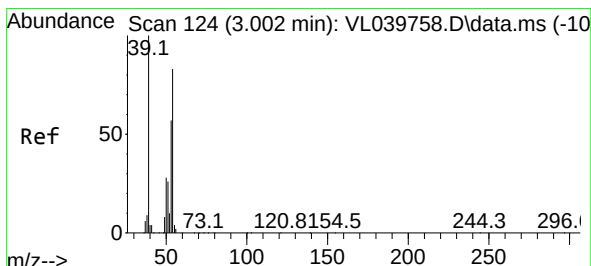
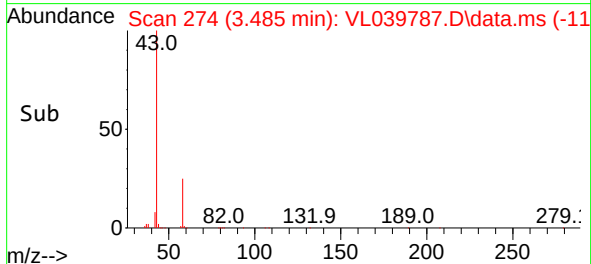
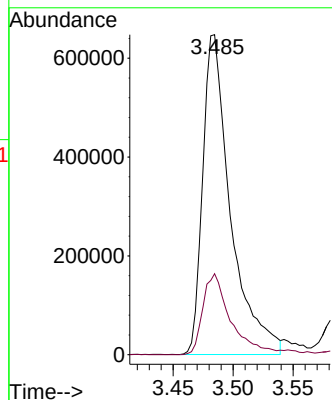
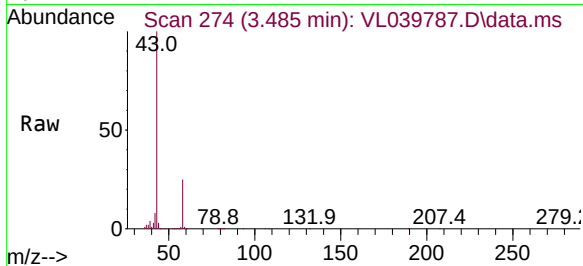




#15
Acetone
Concen: 9.083 ppbv
RT: 3.485 min Scan# 21
Delta R.T. 0.000 min
Lab File: VL039787.D
Acq: 25 Oct 2022 11:37

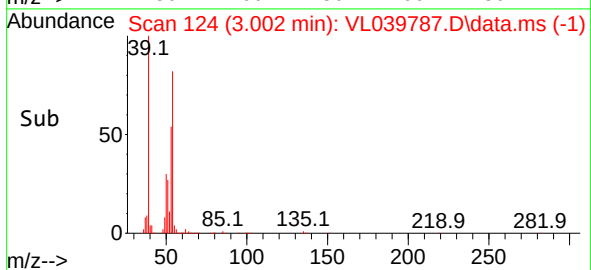
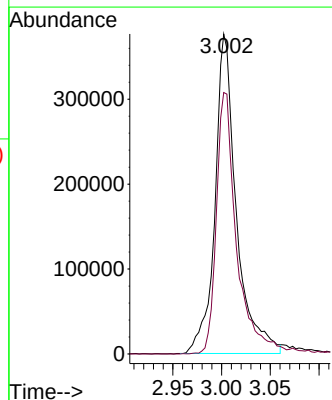
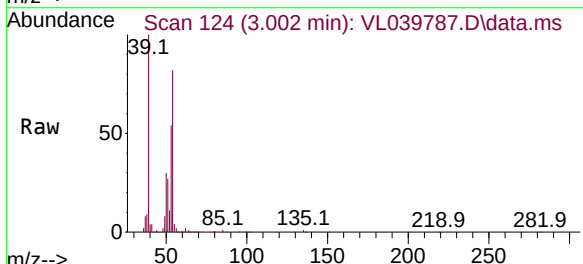
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

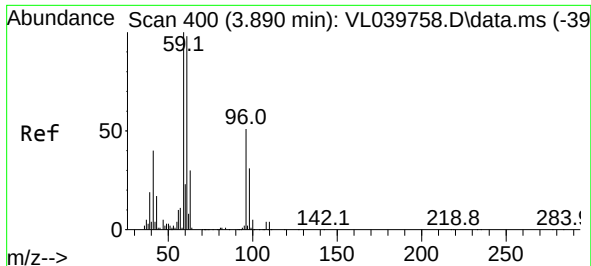
Tgt Ion: 43 Resp: 1045805
Ion Ratio Lower Upper
43 100
58 26.3 20.7 31.1



#16
1,3-Butadiene
Concen: 10.097 ppbv
RT: 3.002 min Scan# 124
Delta R.T. 0.000 min
Lab File: VL039787.D
Acq: 25 Oct 2022 11:37

Tgt Ion: 39 Resp: 574627
Ion Ratio Lower Upper
39 100
54 79.9 64.6 97.0





#17

tert-Butyl alcohol

Concen: 10.037 ppbv

RT: 3.890 min Scan# 400

Delta R.T. 0.000 min

Lab File: VL039787.D

Acq: 25 Oct 2022 11:37

Instrument :

MSVOA_1

ClientSampleId :

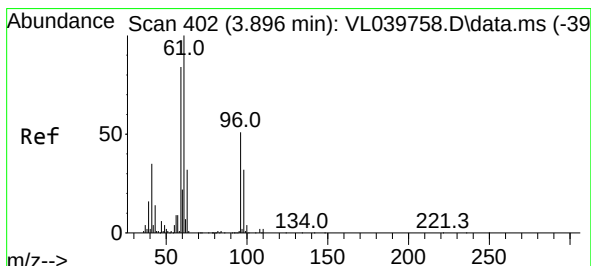
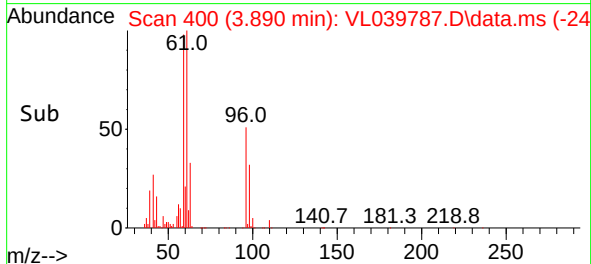
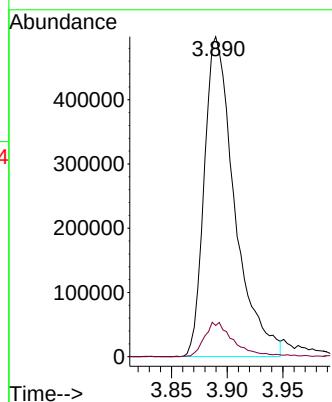
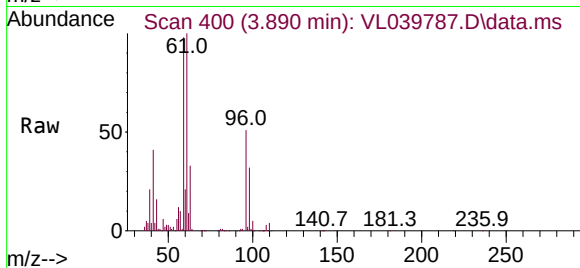
VSTDCCC010

Tgt Ion: 59 Resp: 942604

Ion Ratio Lower Upper

59 100

57 10.9 8.2 12.2



#18

1,1-Dichloroethene

Concen: 9.762 ppbv

RT: 3.893 min Scan# 401

Delta R.T. -0.003 min

Lab File: VL039787.D

Acq: 25 Oct 2022 11:37

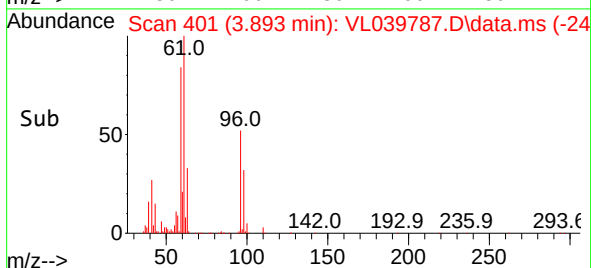
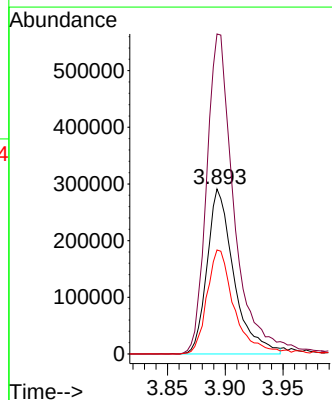
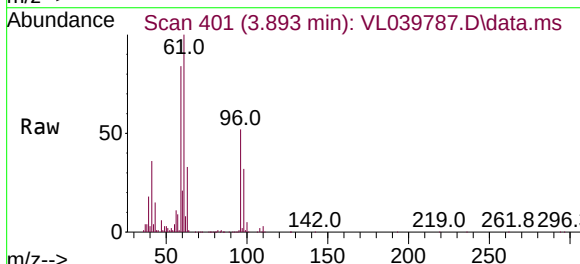
Tgt Ion: 96 Resp: 469836

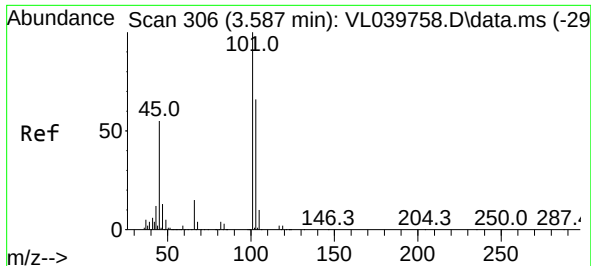
Ion Ratio Lower Upper

96 100

61 193.9 157.6 236.4

98 63.0 49.9 74.9

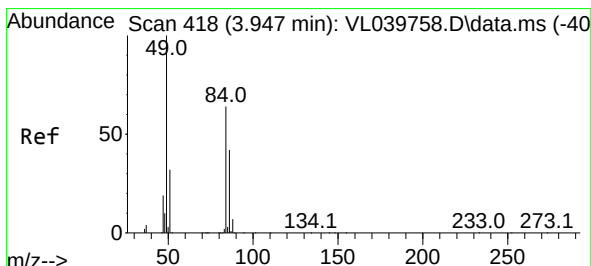
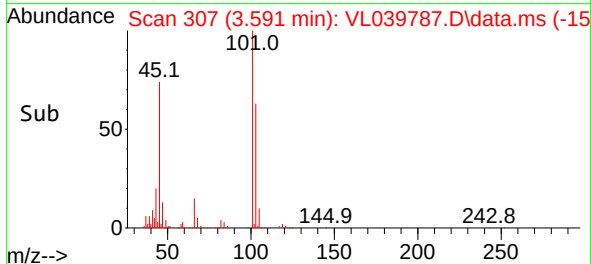
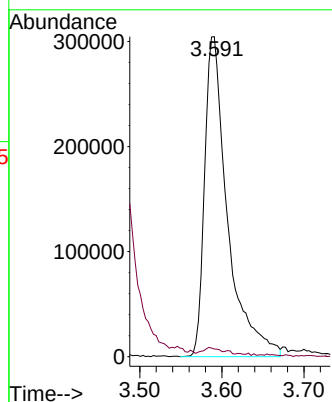
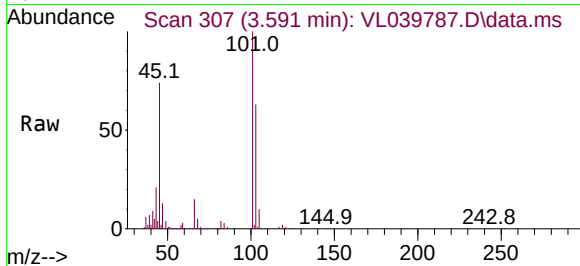




#19
Isopropyl Alcohol
Concen: 10.970 ppbv
RT: 3.591 min Scan# 306
Delta R.T. 0.003 min
Lab File: VL039787.D
Acq: 25 Oct 2022 11:37

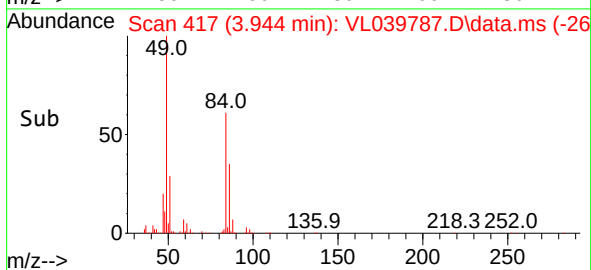
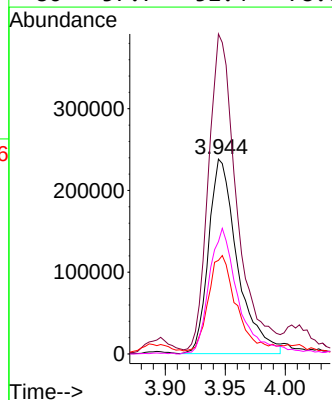
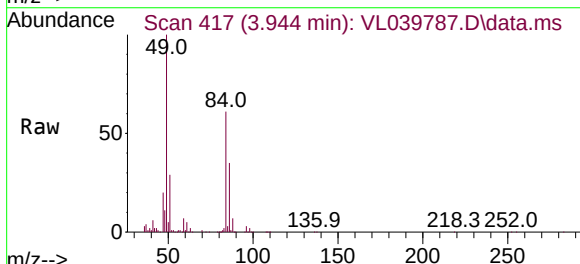
Instrument :
MSVOA_1
ClientSampleId :
VSTDCCC010

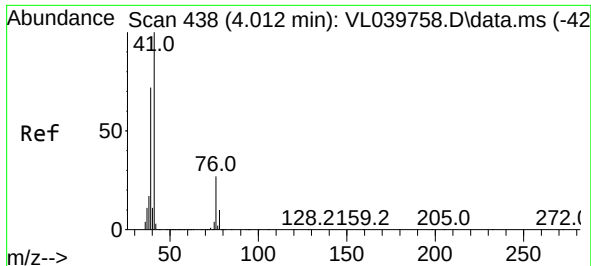
Tgt Ion: 45 Resp: 591839
Ion Ratio Lower Upper
45 100
58 4.0 2.8 4.2



#20
Methylene Chloride
Concen: 9.090 ppbv
RT: 3.944 min Scan# 417
Delta R.T. -0.003 min
Lab File: VL039787.D
Acq: 25 Oct 2022 11:37

Tgt Ion: 84 Resp: 398207
Ion Ratio Lower Upper
84 100
49 161.8 126.0 189.0
51 46.0 40.9 61.3
86 57.7 52.4 78.6

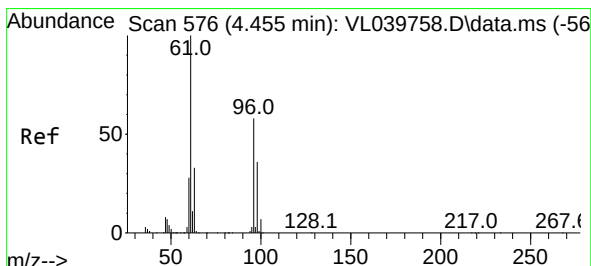
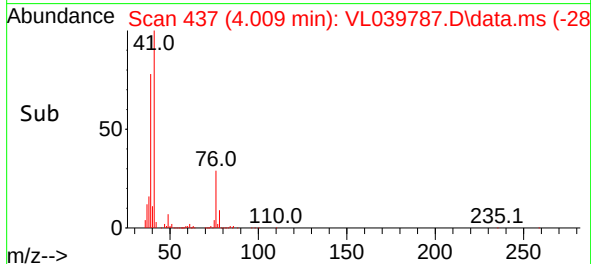
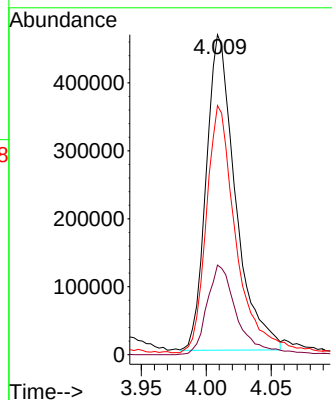
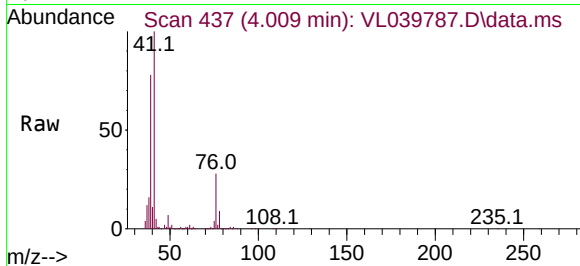




#21
 Allyl Chloride
 Concen: 9.767 ppbv
 RT: 4.009 min Scan# 41
 Delta R.T. -0.003 min
 Lab File: VL039787.D
 Acq: 25 Oct 2022 11:37

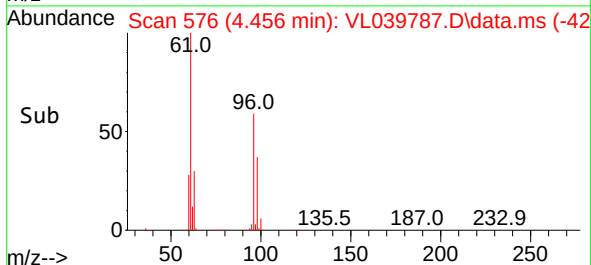
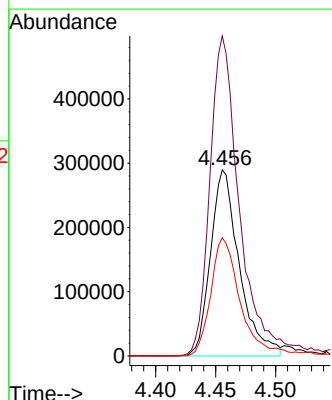
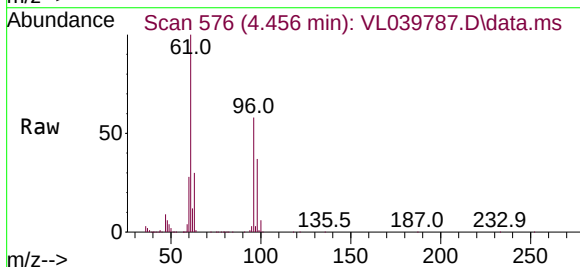
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

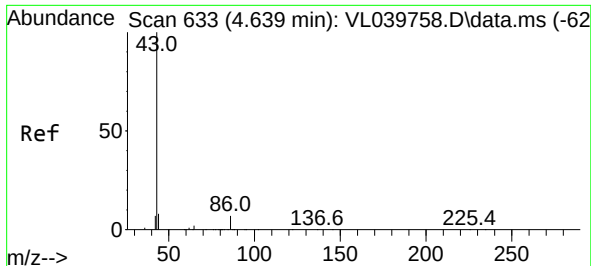
Tgt Ion: 41 Resp: 727877
 Ion Ratio Lower Upper
 41 100
 76 29.3 23.5 35.3
 39 85.0 64.9 97.3



#22
 trans-1,2-Dichloroethene
 Concen: 9.670 ppbv
 RT: 4.456 min Scan# 576
 Delta R.T. 0.000 min
 Lab File: VL039787.D
 Acq: 25 Oct 2022 11:37

Tgt Ion: 96 Resp: 483461
 Ion Ratio Lower Upper
 96 100
 61 171.8 137.1 205.7
 98 63.4 49.8 74.6



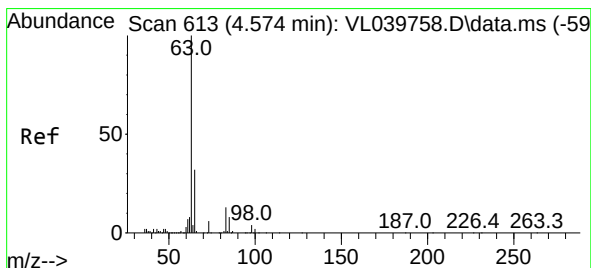
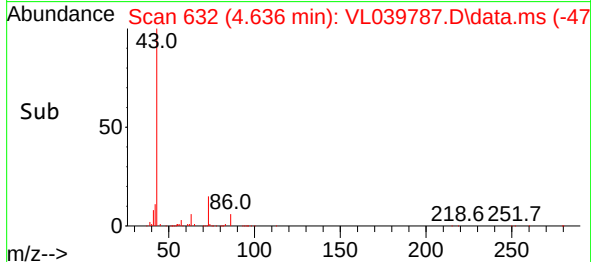
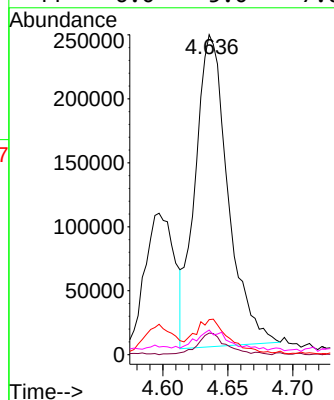
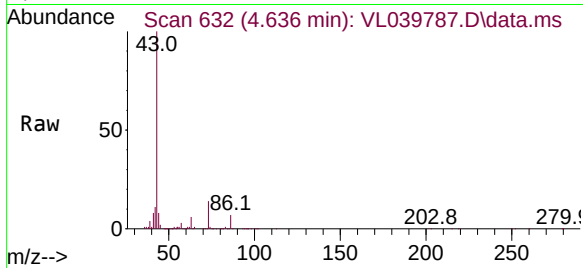


#23
 Vinyl Acetate
 Concen: 9.633 ppbv
 RT: 4.636 min Scan# 61
 Delta R.T. -0.003 min
 Lab File: VL039787.D
 Acq: 25 Oct 2022 11:37

Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDCCC010

Tgt Ion: 43 Resp: 427576

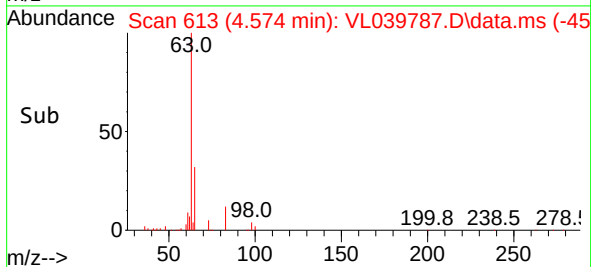
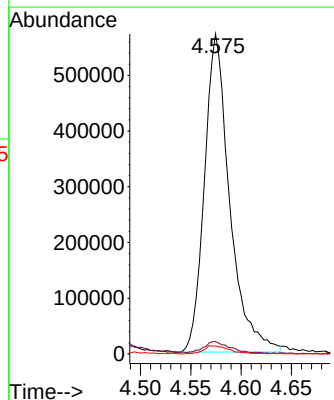
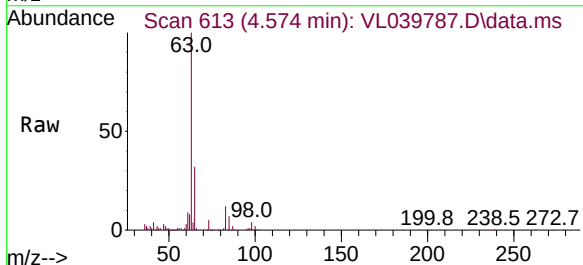
Ion	Ratio	Lower	Upper
43	100		
86	6.4	4.9	7.3
42	10.2	7.2	10.8
44	6.0	5.0	7.6

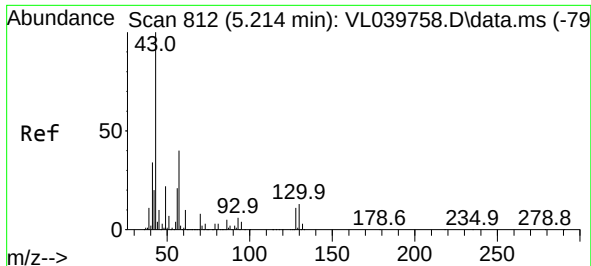


#24
 1,1-Dichloroethane
 Concen: 9.658 ppbv
 RT: 4.574 min Scan# 613
 Delta R.T. 0.000 min
 Lab File: VL039787.D
 Acq: 25 Oct 2022 11:37

Tgt Ion: 63 Resp: 998317

Ion	Ratio	Lower	Upper
63	100		
98	3.6	2.1	6.3
100	2.5	1.1	3.5



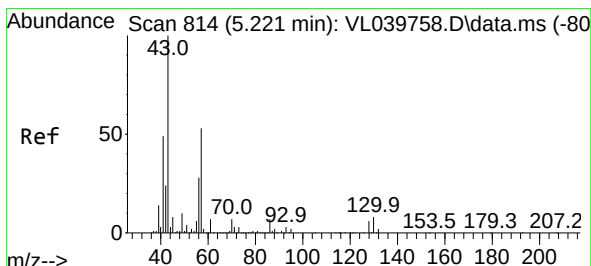
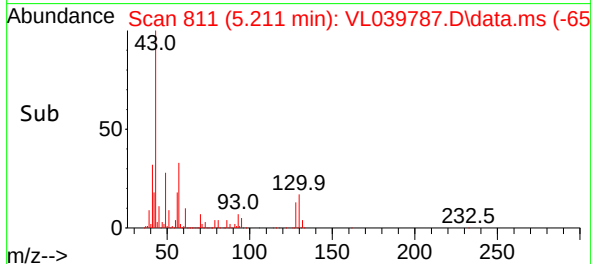
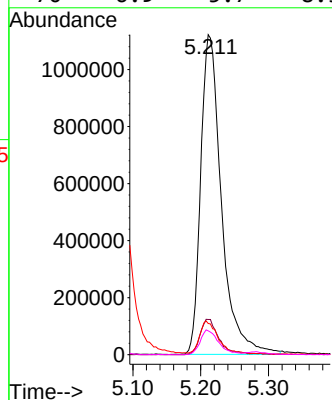
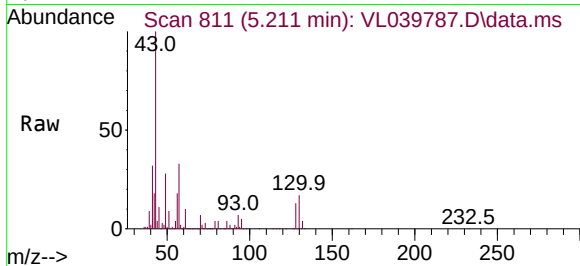


#25
Ethyl Acetate
Concen: 10.582 ppbv
RT: 5.211 min Scan# 811
Delta R.T. -0.003 min
Lab File: VL039787.D
Acq: 25 Oct 2022 11:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 43 Resp: 2382104

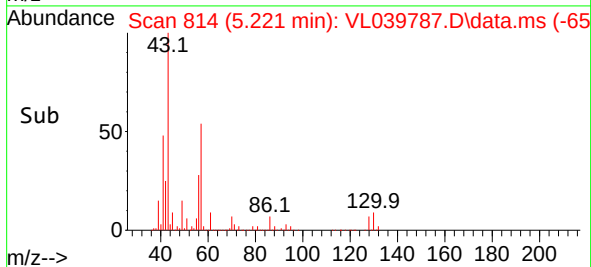
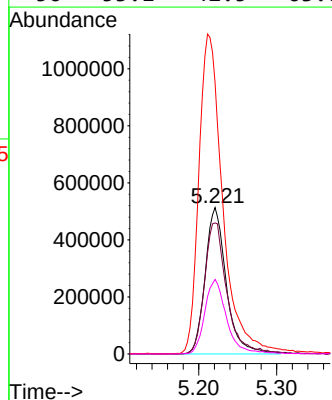
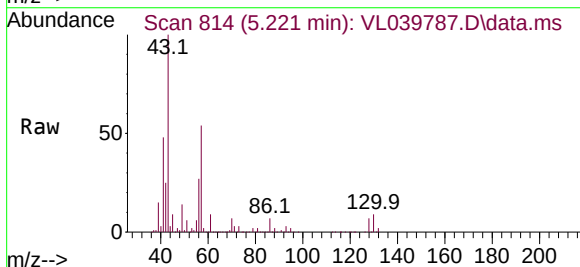
Ion	Ratio	Lower	Upper
43	100		
45	10.5	8.2	12.2
61	9.5	8.2	12.4
70	6.9	5.7	8.5

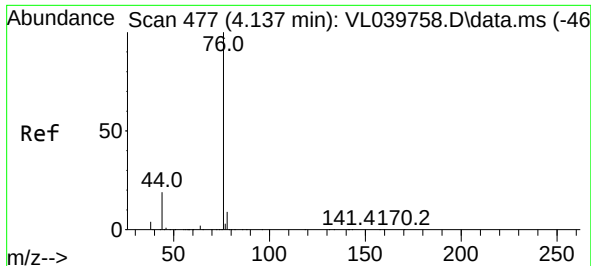


#26
Hexane
Concen: 10.335 ppbv
RT: 5.221 min Scan# 814
Delta R.T. 0.000 min
Lab File: VL039787.D
Acq: 25 Oct 2022 11:37

Tgt Ion: 57 Resp: 967427

Ion	Ratio	Lower	Upper
57	100		
41	96.3	76.1	114.1
43	248.5	197.1	295.7
56	53.1	42.5	63.7



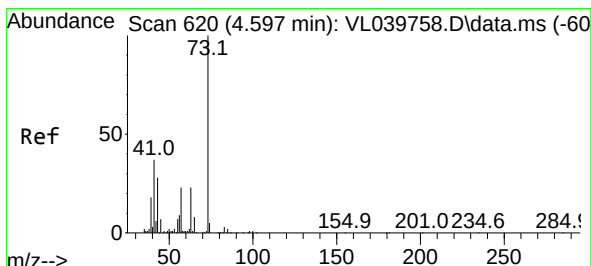
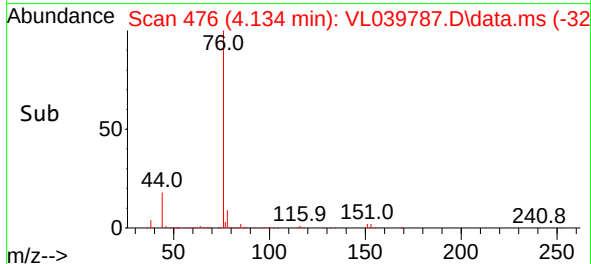
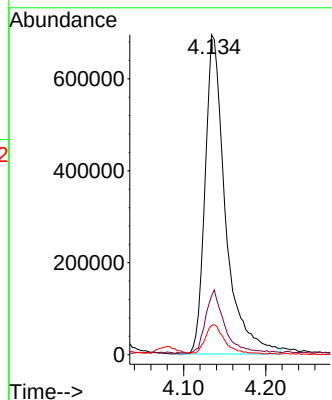
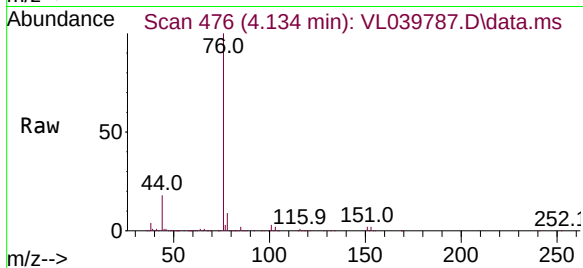


#27
Carbon Disulfide
Concen: 10.803 ppbv
RT: 4.134 min Scan# 41
Delta R.T. -0.003 min
Lab File: VL039787.D
Acq: 25 Oct 2022 11:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 76 Resp: 1200418

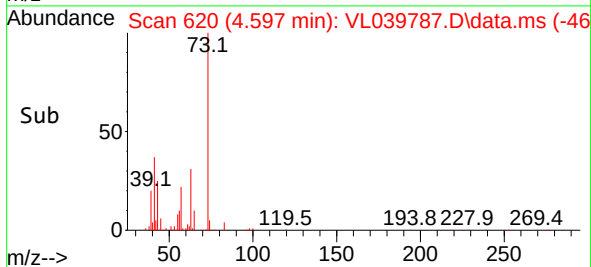
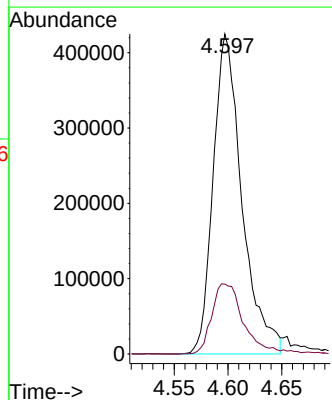
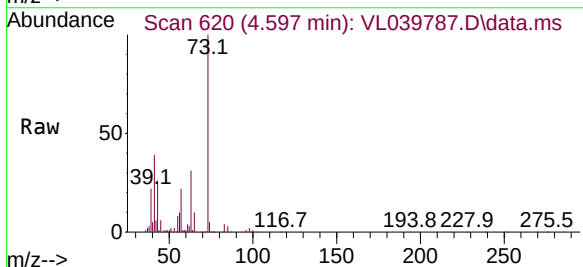
Ion	Ratio	Lower	Upper
76	100		
44	18.9	16.6	25.0
78	9.3	7.6	11.4

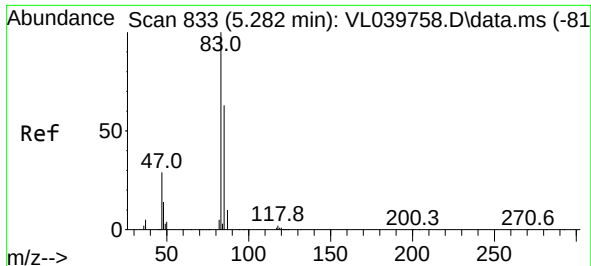


#28
Methyl tert-Butyl Ether
Concen: 9.689 ppbv
RT: 4.597 min Scan# 620
Delta R.T. 0.000 min
Lab File: VL039787.D
Acq: 25 Oct 2022 11:37

Tgt Ion: 73 Resp: 789019

Ion	Ratio	Lower	Upper
73	100		
57	25.0	19.1	28.7





#29

Chloroform

Concen: 9.796 ppbv

RT: 5.282 min Scan# 81

Delta R.T. 0.000 min

Lab File: VL039787.D

Acq: 25 Oct 2022 11:37

Instrument :

MSVOA_L

ClientSampleId :

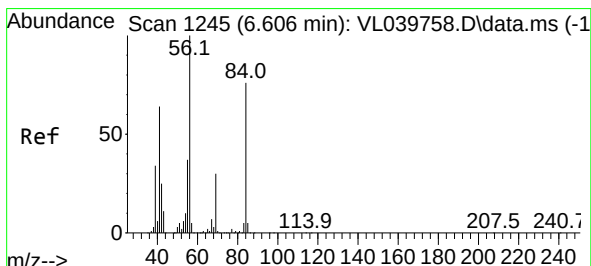
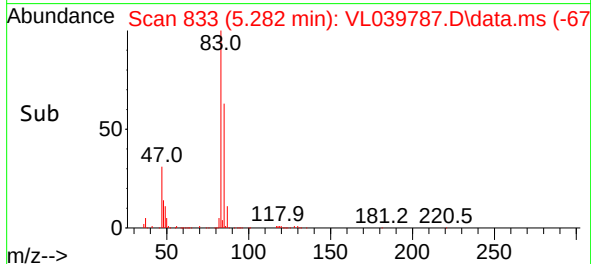
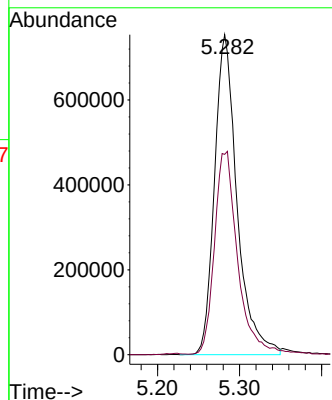
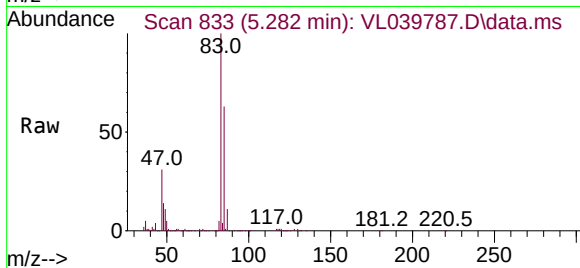
VSTDCCC010

Tgt Ion: 83 Resp: 1441541

Ion Ratio Lower Upper

83 100

85 62.4 50.4 75.6



#30

Cyclohexane

Concen: 10.357 ppbv

RT: 6.607 min Scan# 1245

Delta R.T. 0.000 min

Lab File: VL039787.D

Acq: 25 Oct 2022 11:37

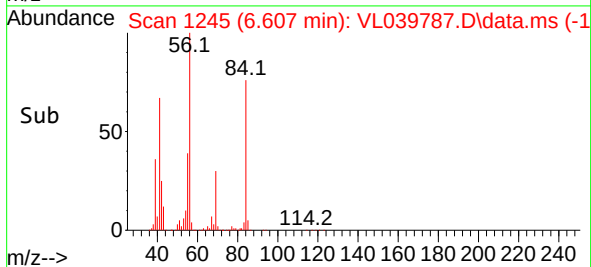
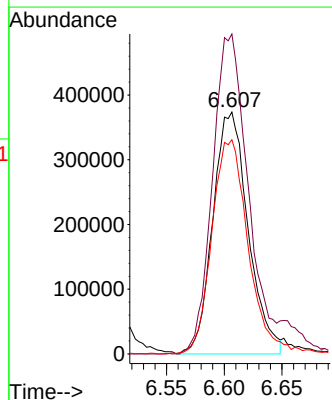
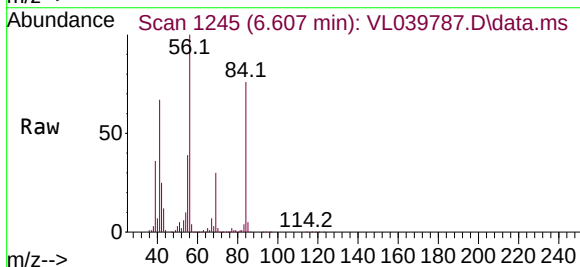
Tgt Ion: 84 Resp: 794362

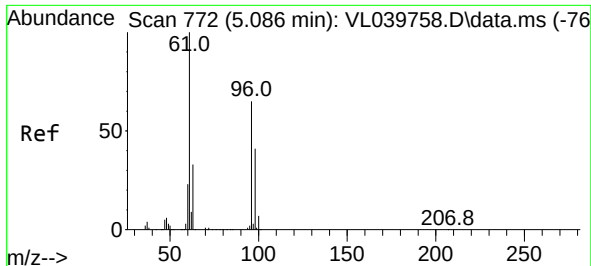
Ion Ratio Lower Upper

84 100

56 142.8 111.8 167.6

41 92.4 71.5 107.3

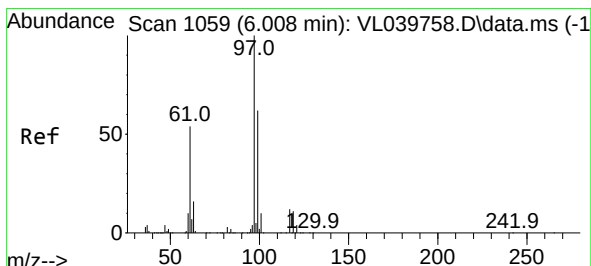
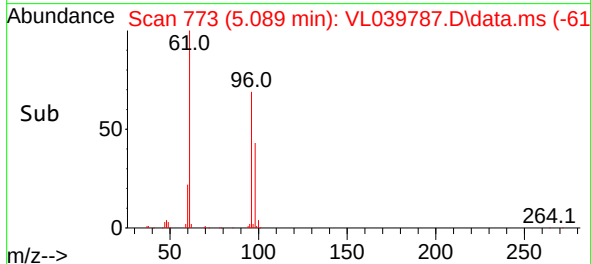
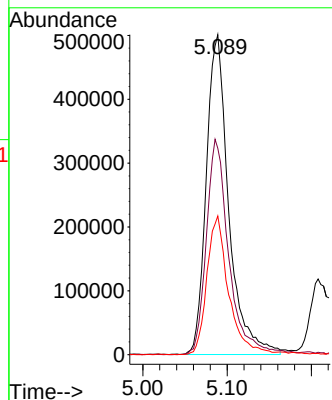
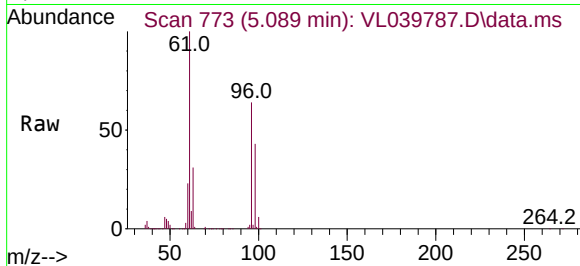




#31
 cis-1,2-Dichloroethene
 Concen: 10.270 ppbv
 RT: 5.089 min Scan# 772
 Delta R.T. 0.003 min
 Lab File: VL039787.D
 Acq: 25 Oct 2022 11:37

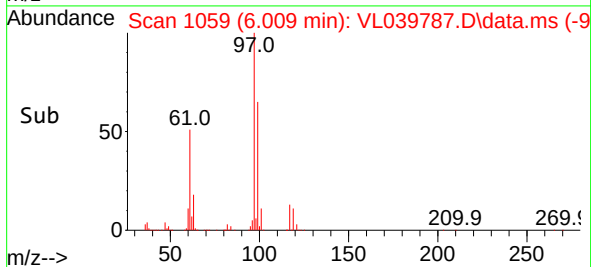
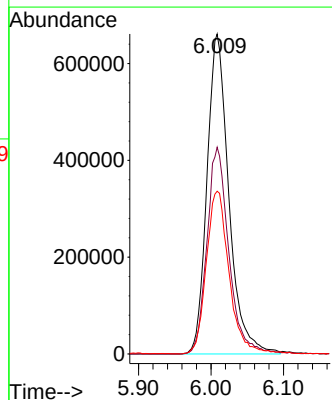
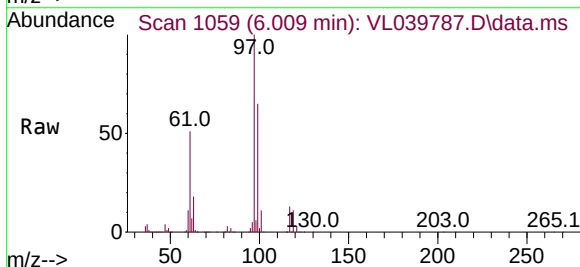
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

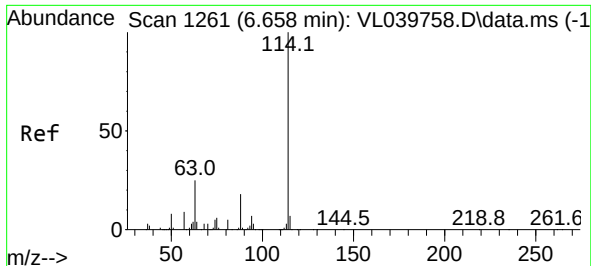
Tgt Ion: 61 Resp: 927922
 Ion Ratio Lower Upper
 61 100
 96 64.5 52.2 78.2
 98 43.3 32.9 49.3



#32
 1,1,1-Trichloroethane
 Concen: 10.364 ppbv
 RT: 6.009 min Scan# 1059
 Delta R.T. 0.000 min
 Lab File: VL039787.D
 Acq: 25 Oct 2022 11:37

Tgt Ion: 97 Resp: 1384190
 Ion Ratio Lower Upper
 97 100
 99 64.9 52.2 78.4
 61 53.3 43.2 64.8





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.655 min Scan# 1

Delta R.T. -0.003 min

Lab File: VL039787.D

Acq: 25 Oct 2022 11:37

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

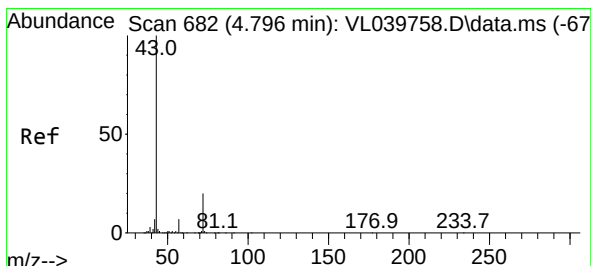
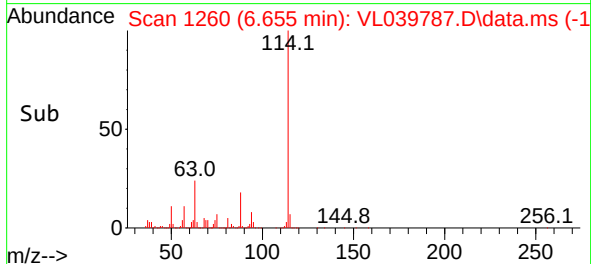
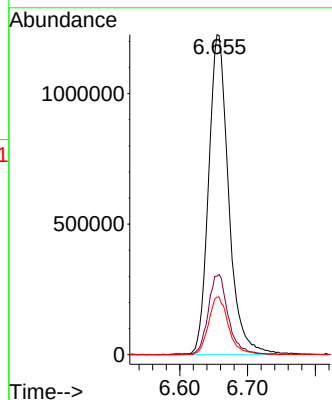
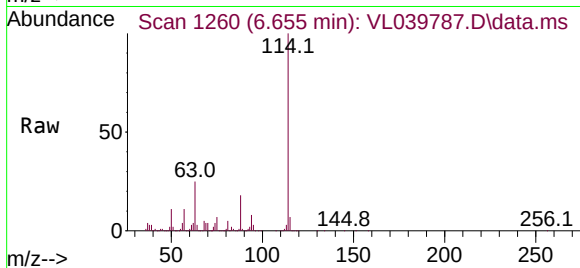
Tgt Ion:114 Resp: 2514325

Ion Ratio Lower Upper

114 100

63 25.4 20.1 30.1

88 18.2 14.5 21.7



#34

2-Butanone

Concen: 10.001 ppbv

RT: 4.796 min Scan# 682

Delta R.T. 0.000 min

Lab File: VL039787.D

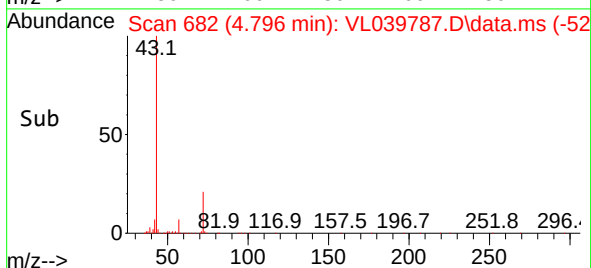
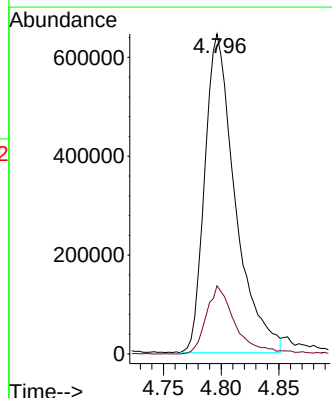
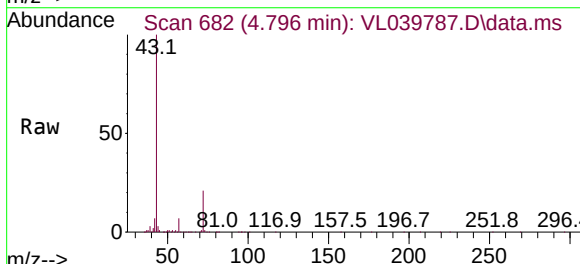
Acq: 25 Oct 2022 11:37

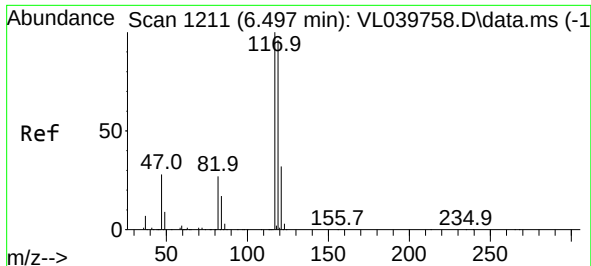
Tgt Ion: 43 Resp: 1183015

Ion Ratio Lower Upper

43 100

72 20.8 16.5 24.7

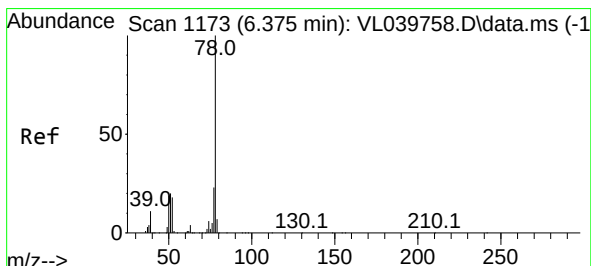
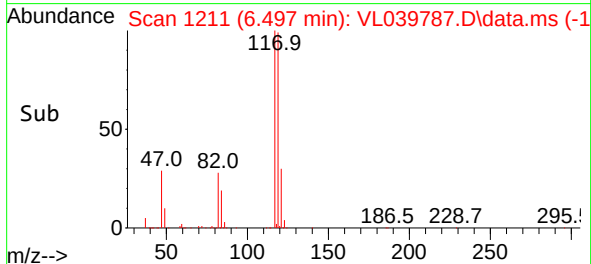
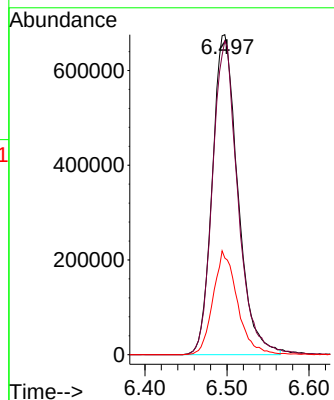
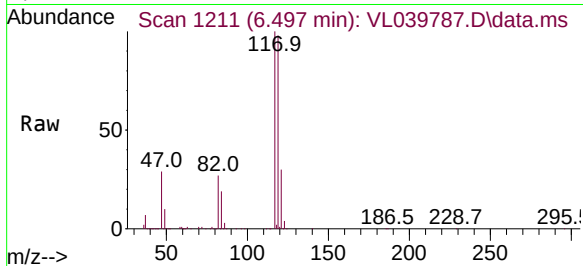




#35
Carbon Tetrachloride
Concen: 10.224 ppbv
RT: 6.497 min Scan# 117
Delta R.T. 0.000 min
Lab File: VL039787.D
Acq: 25 Oct 2022 11:37

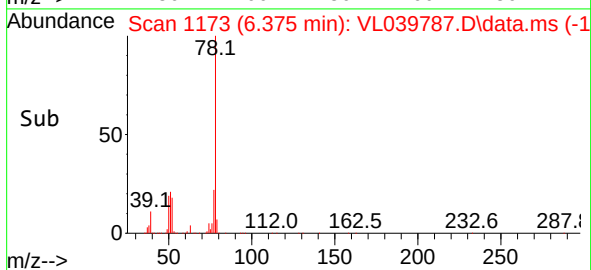
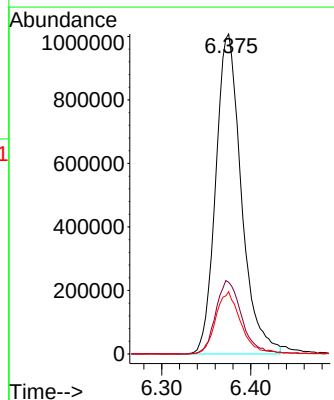
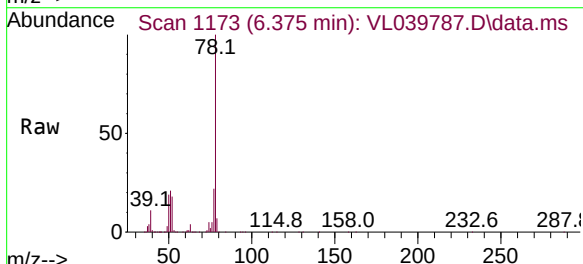
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

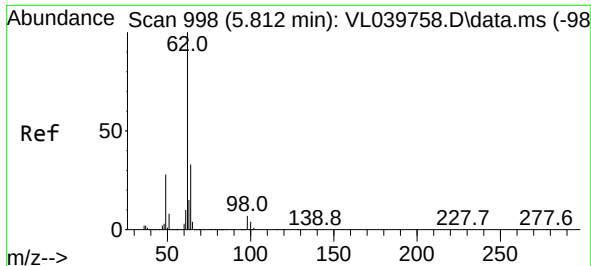
Tgt Ion:117 Resp: 1465615
Ion Ratio Lower Upper
117 100
119 98.0 76.6 115.0
121 30.2 25.3 37.9



#36
Benzene
Concen: 10.390 ppbv
RT: 6.375 min Scan# 1173
Delta R.T. 0.000 min
Lab File: VL039787.D
Acq: 25 Oct 2022 11:37

Tgt Ion: 78 Resp: 2011883
Ion Ratio Lower Upper
78 100
77 22.4 18.3 27.5
50 19.5 15.2 22.8

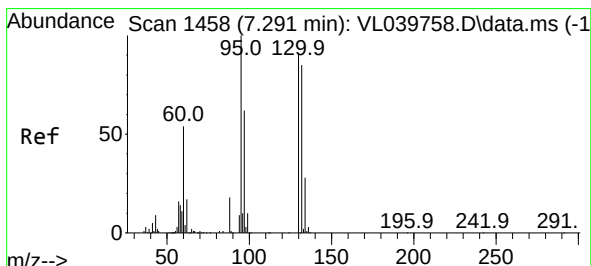
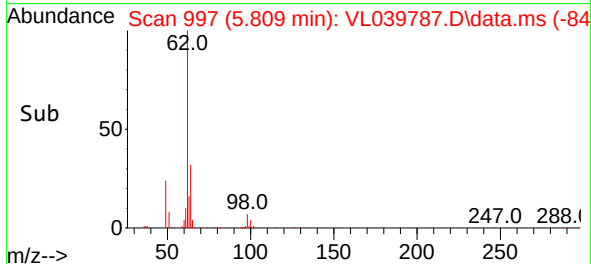
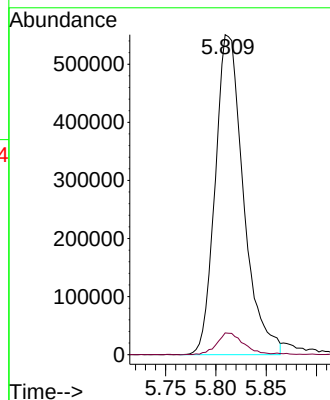
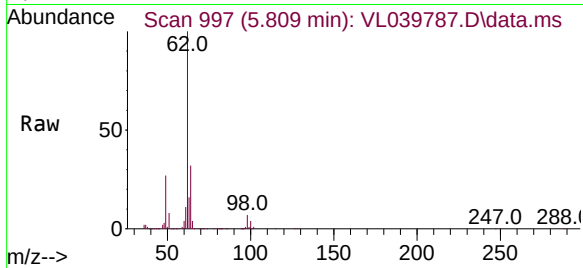




#37
1,2-Dichloroethane
Concen: 10.244 ppbv
RT: 5.809 min Scan# 998
Delta R.T. -0.003 min
Lab File: VL039787.D
Acq: 25 Oct 2022 11:37

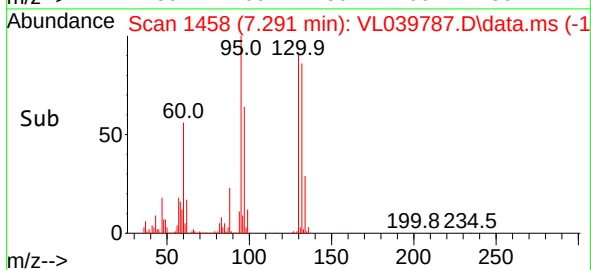
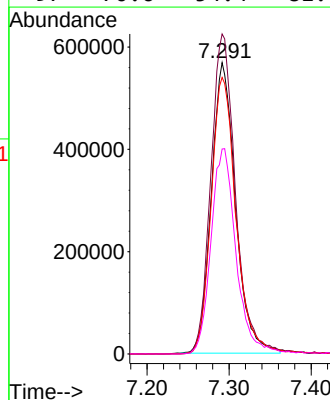
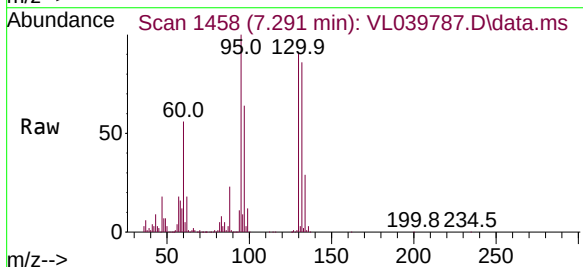
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

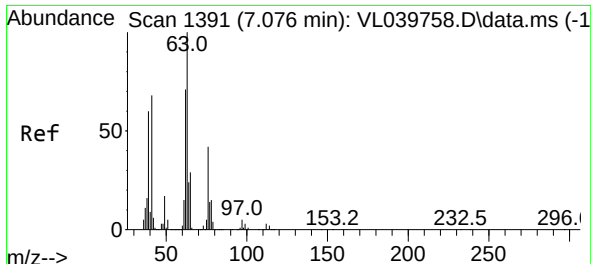
Tgt Ion: 62 Resp: 1077266
Ion Ratio Lower Upper
62 100
98 6.7 5.2 7.8



#38
Trichloroethene
Concen: 10.663 ppbv
RT: 7.291 min Scan# 1458
Delta R.T. 0.000 min
Lab File: VL039787.D
Acq: 25 Oct 2022 11:37

Tgt Ion:130 Resp: 1165621
Ion Ratio Lower Upper
130 100
95 110.1 88.1 132.1
132 95.1 75.2 112.8
97 70.6 54.4 81.6





#39

1,2-Dichloropropane

Concen: 10.186 ppbv

RT: 7.076 min Scan# 11

Delta R.T. 0.000 min

Lab File: VL039787.D

Acq: 25 Oct 2022 11:37

Instrument :

MSVOA_1

ClientSampleId :

VSTDCCC010

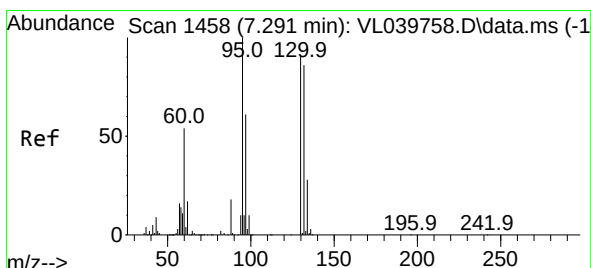
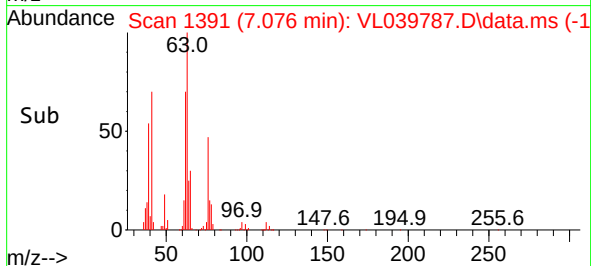
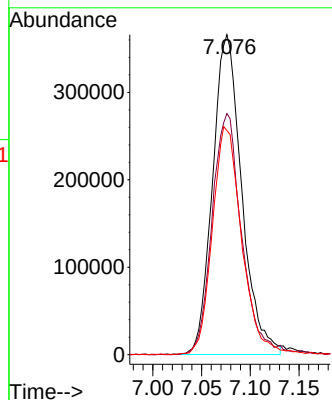
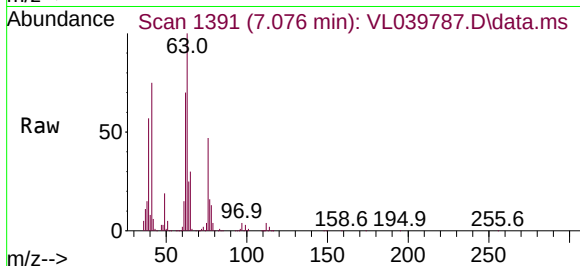
Tgt Ion: 63 Resp: 759824

Ion Ratio Lower Upper

63 100

41 75.3 54.5 81.7

62 69.8 56.6 85.0



#40

1,4-Dioxane

Concen: 12.478 ppbv

RT: 7.288 min Scan# 1457

Delta R.T. -0.003 min

Lab File: VL039787.D

Acq: 25 Oct 2022 11:37

Tgt Ion: 88 Resp: 317269

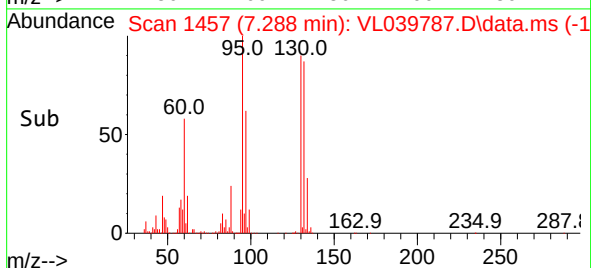
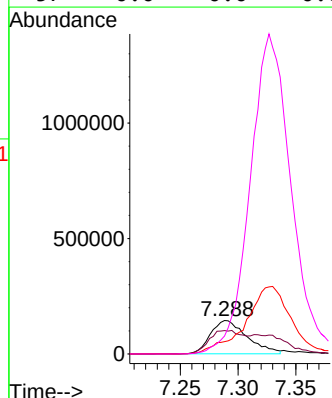
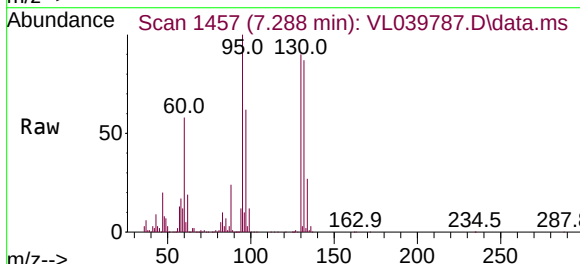
Ion Ratio Lower Upper

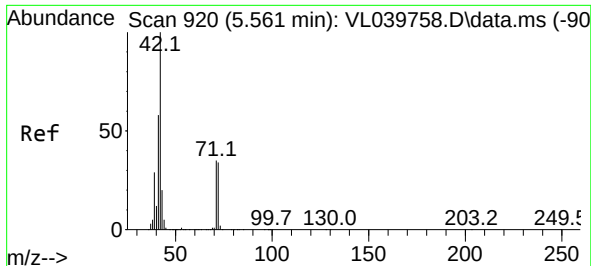
88 100

58 127.4 0.0 0.0#

43 0.0 0.0 0.0

57 0.0 0.0 0.0

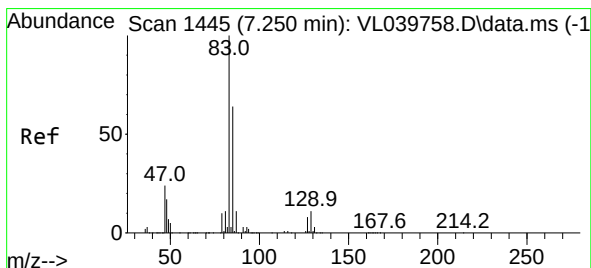
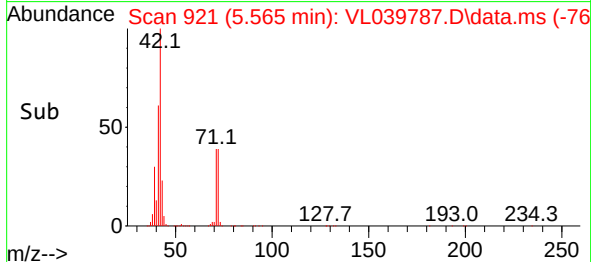
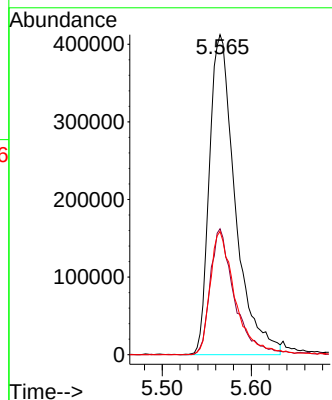
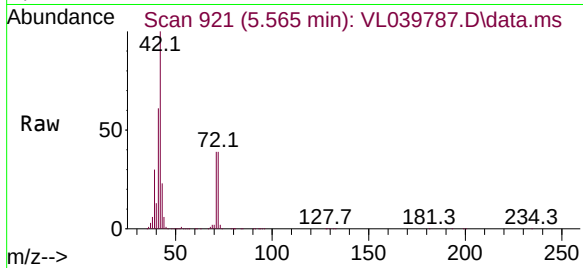




#41
Tetrahydrofuran
Concen: 11.293 ppbv
RT: 5.565 min Scan# 91
Delta R.T. 0.003 min
Lab File: VL039787.D
Acq: 25 Oct 2022 11:37

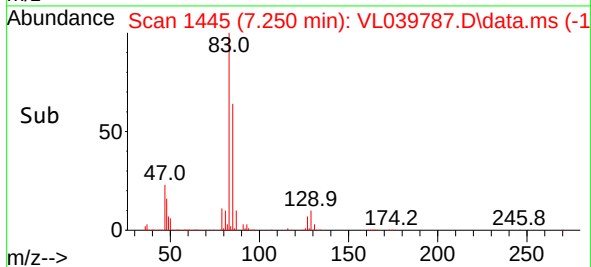
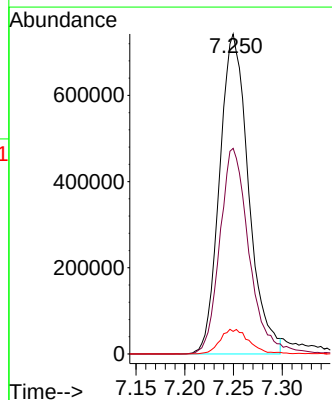
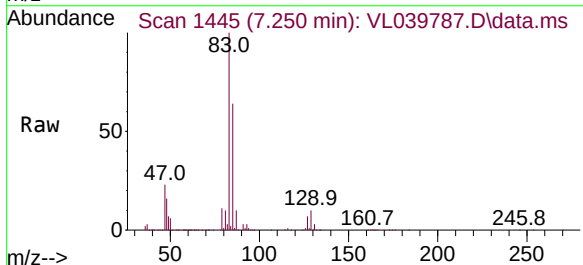
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

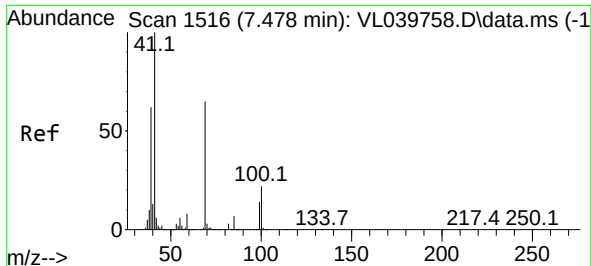
Tgt Ion: 42 Resp: 829979
Ion Ratio Lower Upper
42 100
72 37.7 29.9 44.9
71 38.0 29.2 43.8



#42
Bromodichloromethane
Concen: 10.370 ppbv
RT: 7.250 min Scan# 1445
Delta R.T. 0.000 min
Lab File: VL039787.D
Acq: 25 Oct 2022 11:37

Tgt Ion: 83 Resp: 1535678
Ion Ratio Lower Upper
83 100
85 64.2 51.5 77.3
127 7.1 6.1 9.1

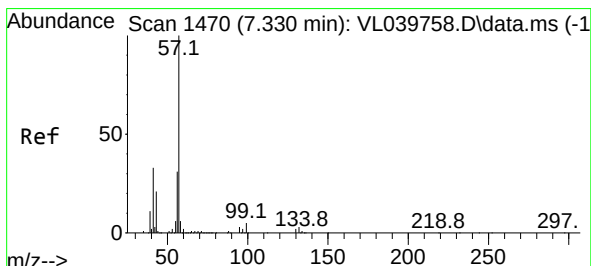
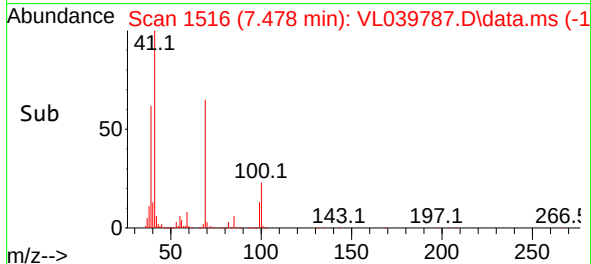
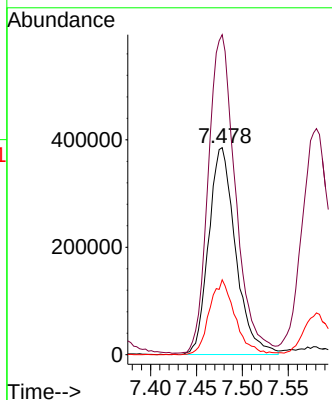
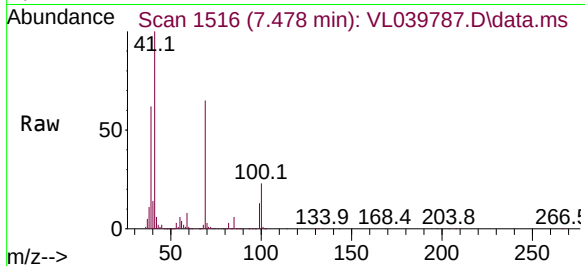




#43
Methyl Methacrylate
Concen: 11.692 ppbv
RT: 7.478 min Scan# 1469
Delta R.T. 0.000 min
Lab File: VL039787.D
Acq: 25 Oct 2022 11:37

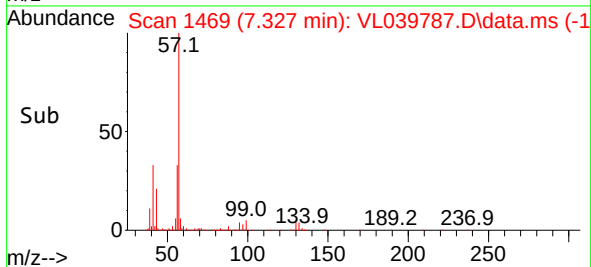
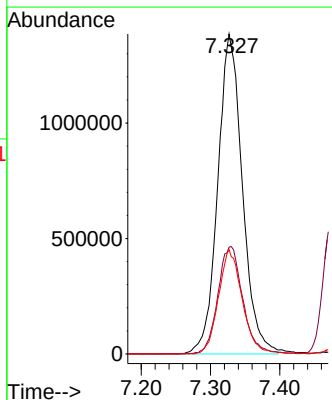
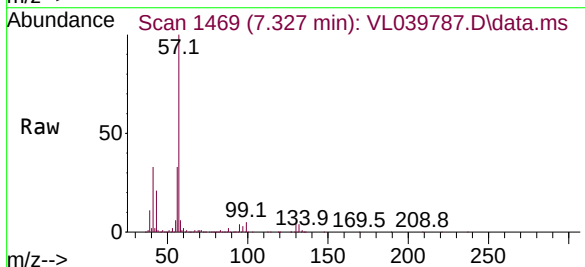
Instrument :
MSVOA_1
ClientSampleId :
VSTDCCC010

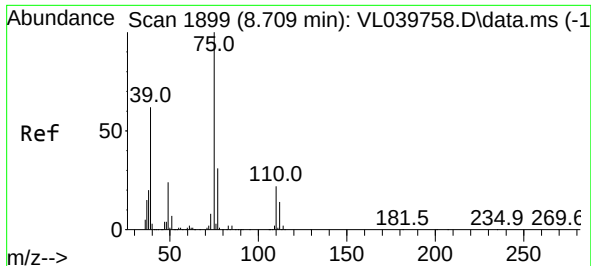
Tgt Ion: 69 Resp: 788422
Ion Ratio Lower Upper
69 100
41 156.2 121.8 182.6
100 34.8 27.3 40.9



#44
2,2,4-Trimethylpentane
Concen: 10.581 ppbv
RT: 7.327 min Scan# 1469
Delta R.T. -0.003 min
Lab File: VL039787.D
Acq: 25 Oct 2022 11:37

Tgt Ion: 57 Resp: 3425221
Ion Ratio Lower Upper
57 100
41 34.1 26.6 40.0
56 31.5 25.4 38.0

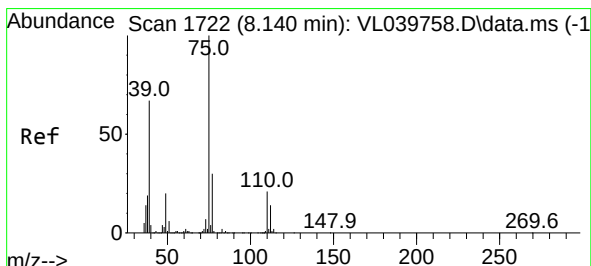
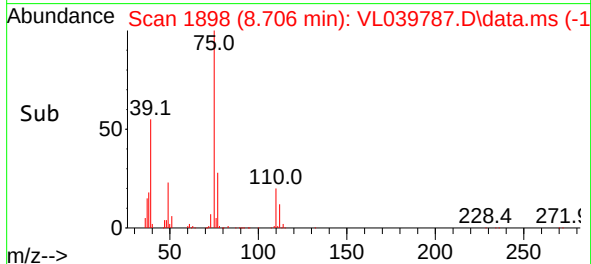
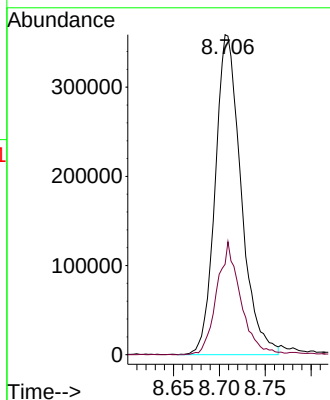
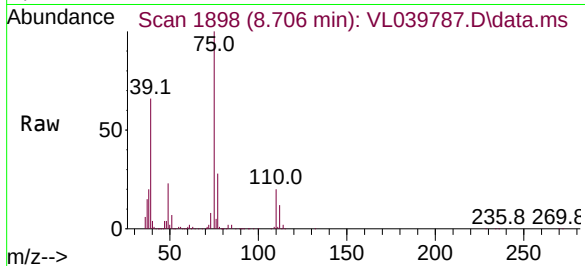




#45
 t-1,3-Dichloropropene
 Concen: 12.302 ppbv
 RT: 8.706 min Scan# 11
 Delta R.T. -0.003 min
 Lab File: VL039787.D
 Acq: 25 Oct 2022 11:37

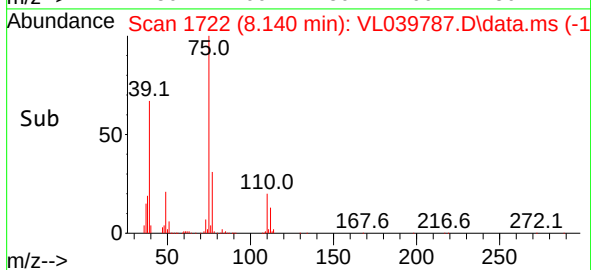
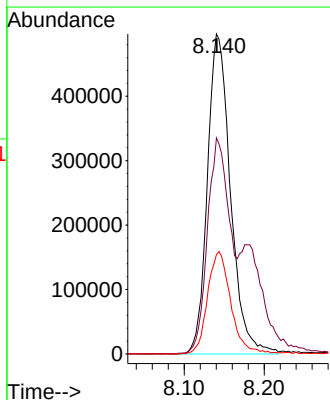
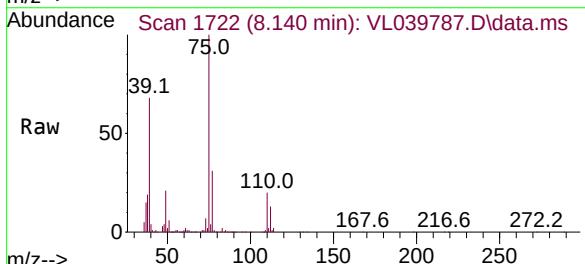
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

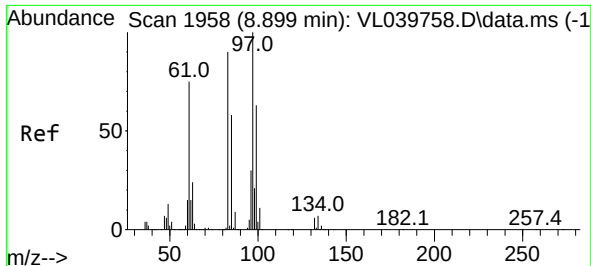
Tgt Ion: 75 Resp: 704757
 Ion Ratio Lower Upper
 75 100
 77 28.2 25.1 37.7



#46
 cis-1,3-Dichloropropene
 Concen: 12.140 ppbv
 RT: 8.140 min Scan# 1722
 Delta R.T. 0.000 min
 Lab File: VL039787.D
 Acq: 25 Oct 2022 11:37

Tgt Ion: 75 Resp: 998004
 Ion Ratio Lower Upper
 75 100
 39 67.3 53.9 80.9
 77 31.0 24.3 36.5



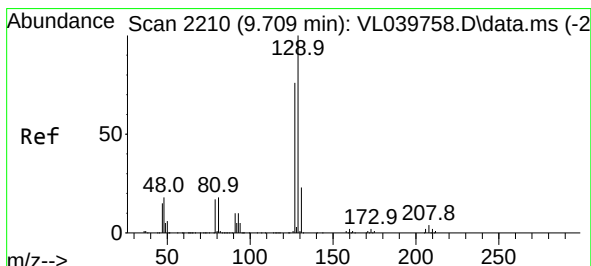
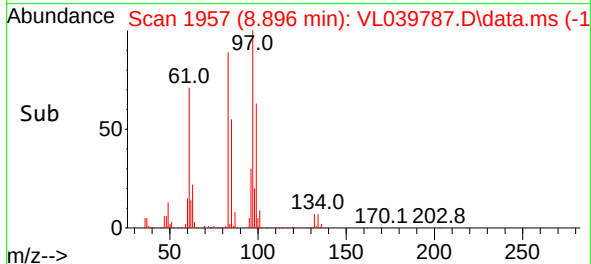
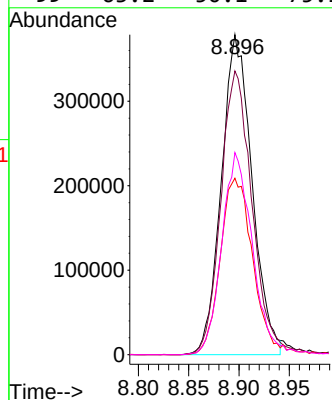
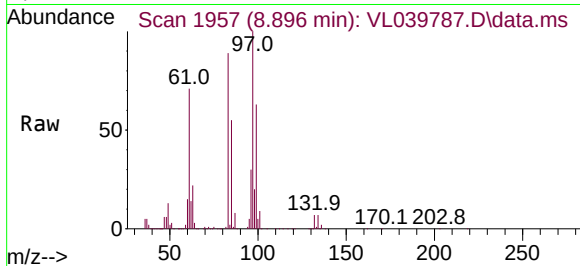


#47
 1,1,2-Trichloroethane
 Concen: 10.042 ppbv
 RT: 8.896 min Scan# 1957
 Delta R.T. -0.003 min
 Lab File: VL039787.D
 Acq: 25 Oct 2022 11:37

Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDCCC010

Tgt Ion: 97 Resp: 802098

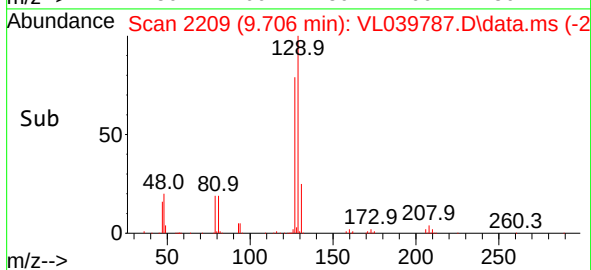
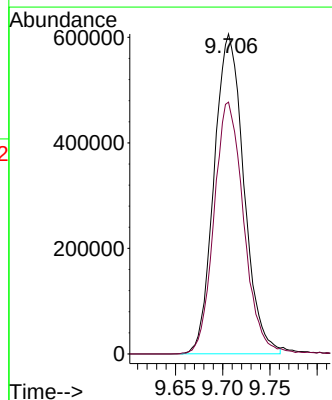
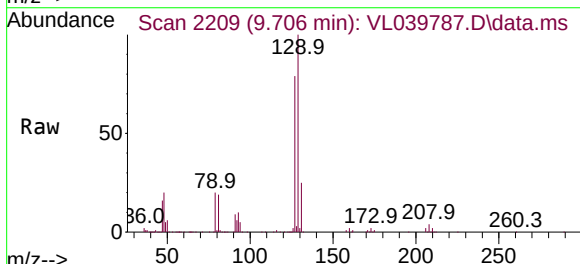
Ion	Ratio	Lower	Upper
97	100		
83	88.6	71.6	107.4
85	55.1	46.2	69.4
99	63.2	50.1	75.1

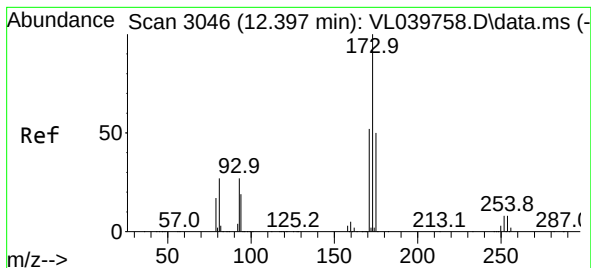


#48
 Dibromochloromethane
 Concen: 10.307 ppbv
 RT: 9.706 min Scan# 2209
 Delta R.T. -0.003 min
 Lab File: VL039787.D
 Acq: 25 Oct 2022 11:37

Tgt Ion: 129 Resp: 1325324

Ion	Ratio	Lower	Upper
129	100		
127	79.4	39.5	118.5





#49

Bromoform

Concen: 10.119 ppbv

RT: 12.401 min Scan# 3046

Delta R.T. 0.003 min

Lab File: VL039787.D

Acq: 25 Oct 2022 11:37

Instrument :

MSVOA_1

ClientSampleId :

VSTDCCC010

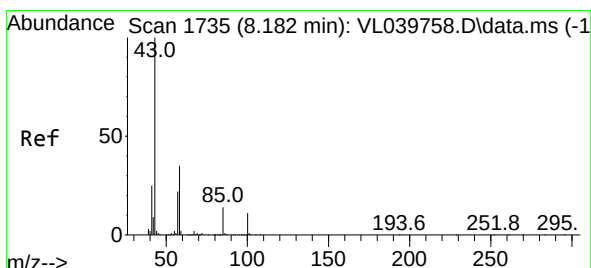
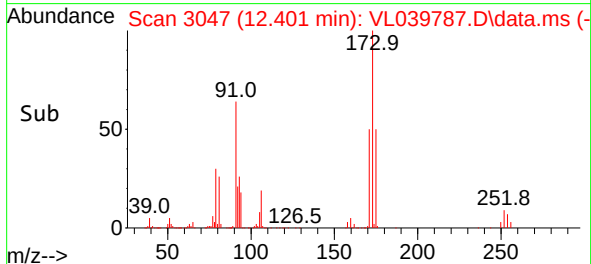
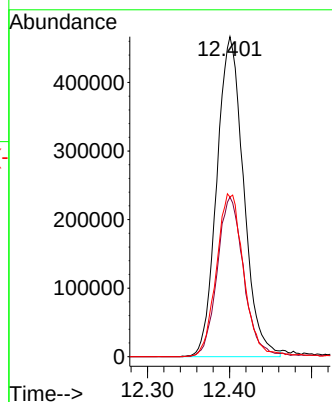
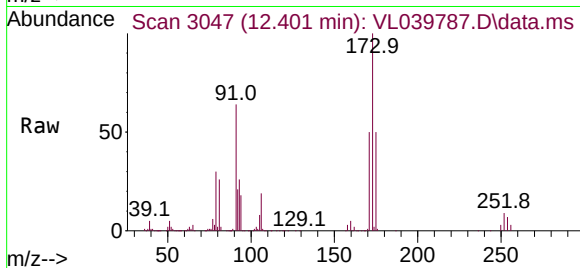
Tgt Ion:173 Resp: 1059732

Ion Ratio Lower Upper

173 100

175 50.3 41.2 61.8

171 52.7 43.2 64.8



#50

4-Methyl-2-Pentanone

Concen: 11.781 ppbv

RT: 8.182 min Scan# 1735

Delta R.T. 0.000 min

Lab File: VL039787.D

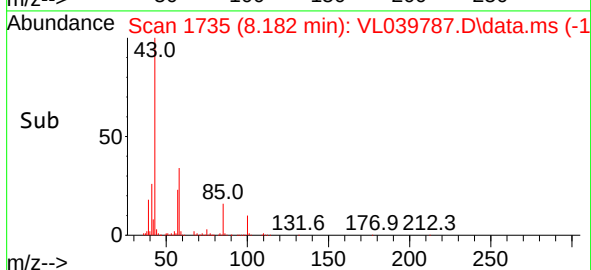
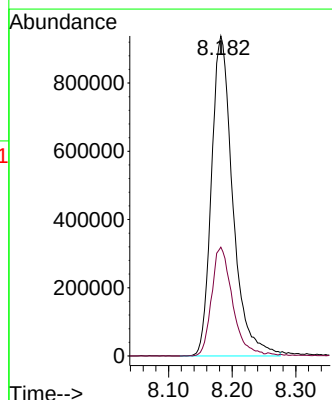
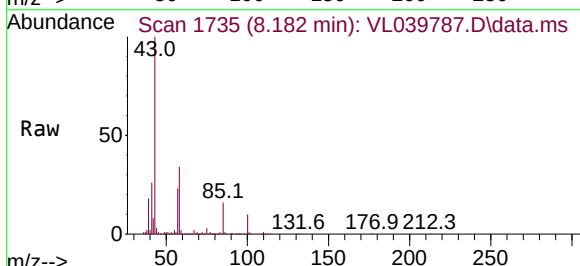
Acq: 25 Oct 2022 11:37

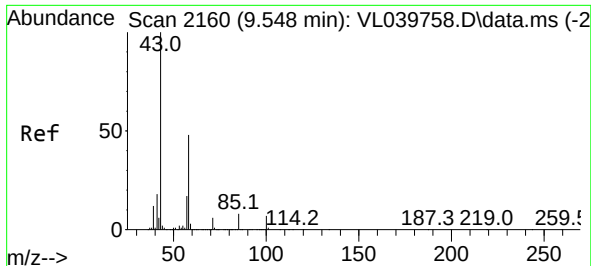
Tgt Ion: 43 Resp: 2186413

Ion Ratio Lower Upper

43 100

58 33.9 28.2 42.4

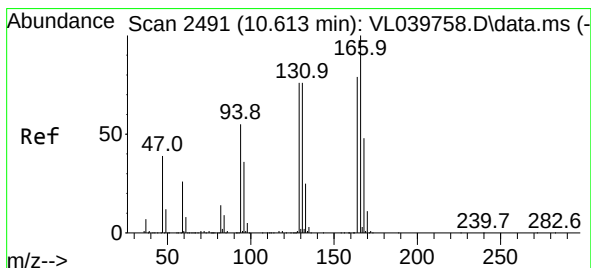
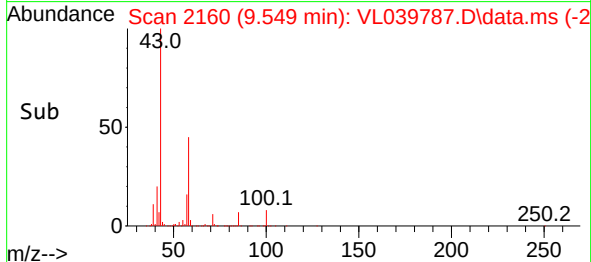
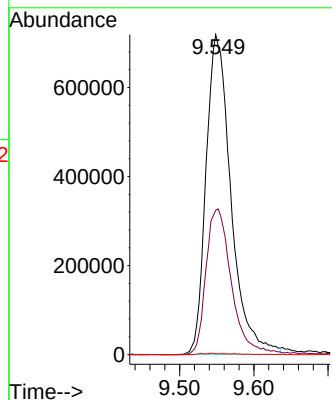
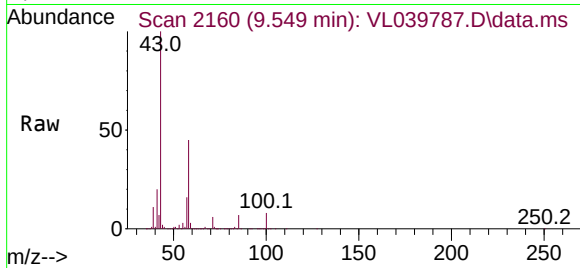




#51
2-Hexanone
Concen: 12.344 ppbv
RT: 9.549 min Scan# 2160
Delta R.T. 0.000 min
Lab File: VL039787.D
Acq: 25 Oct 2022 11:37

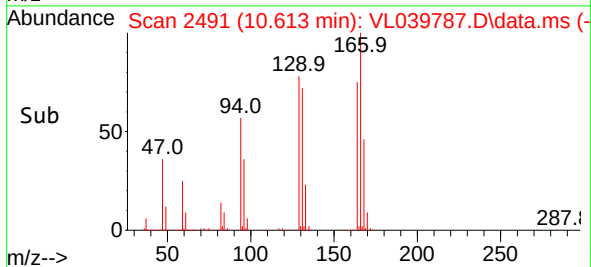
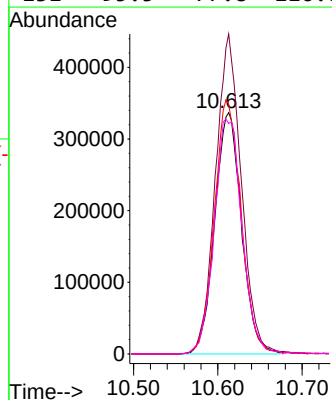
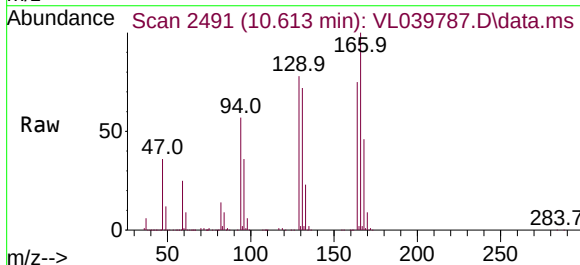
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

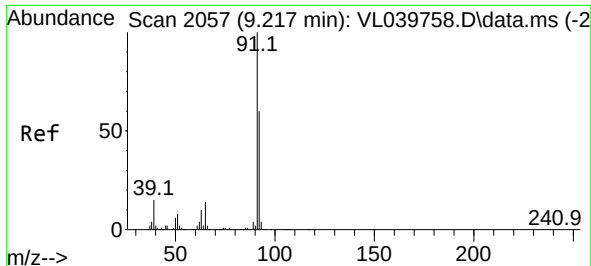
Tgt Ion: 43 Resp: 1677232
Ion Ratio Lower Upper
43 100
58 47.2 38.1 57.1
98 0.6 0.2 0.2#



#52
Tetrachloroethene
Concen: 10.249 ppbv
RT: 10.613 min Scan# 2491
Delta R.T. 0.000 min
Lab File: VL039787.D
Acq: 25 Oct 2022 11:37

Tgt Ion: 164 Resp: 743387
Ion Ratio Lower Upper
164 100
166 132.7 101.8 152.6
129 103.5 77.5 116.3
131 95.5 77.8 116.8

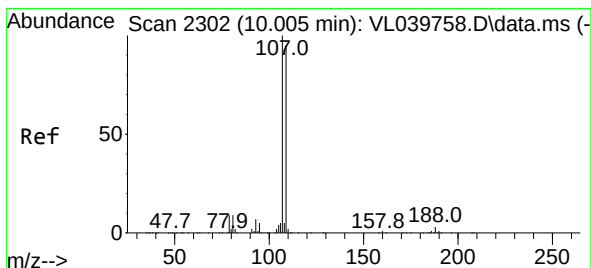
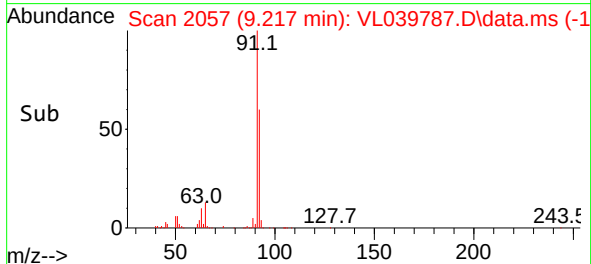
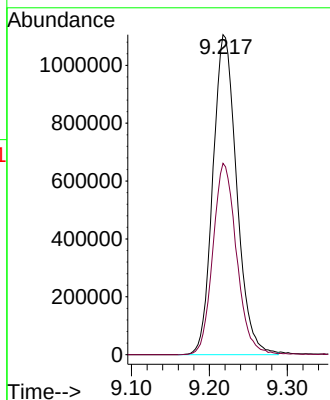
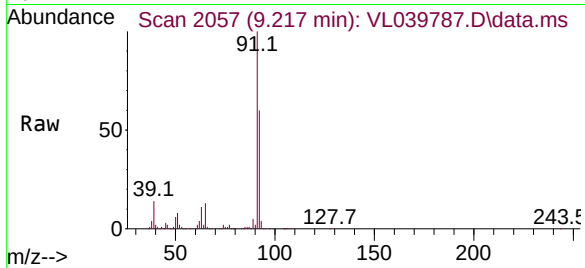




#53
Toluene
Concen: 11.585 ppbv
RT: 9.217 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VL039787.D
Acq: 25 Oct 2022 11:37

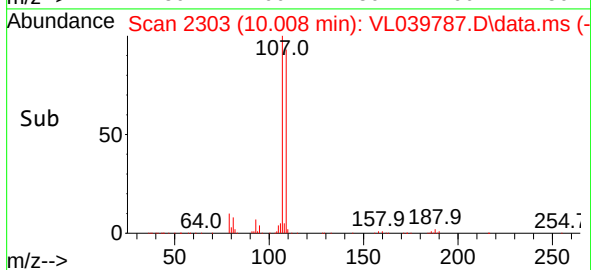
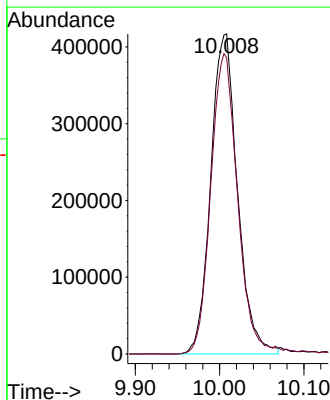
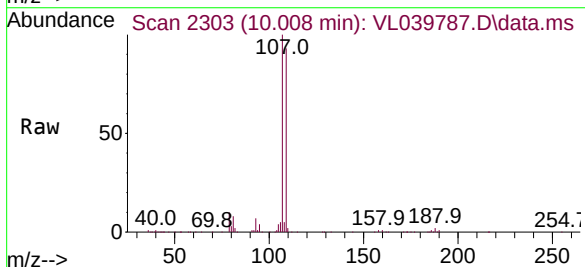
Instrument : MSVOA_L
ClientSampleId : VSTDCCC010

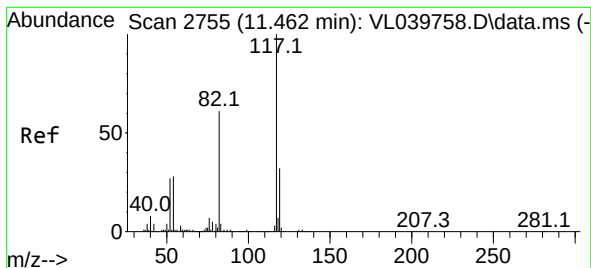
Tgt Ion: 91 Resp: 2350294
Ion Ratio Lower Upper
91 100
92 59.7 48.0 72.0



#54
1,2-Dibromoethane
Concen: 11.325 ppbv
RT: 10.008 min Scan# 2303
Delta R.T. 0.003 min
Lab File: VL039787.D
Acq: 25 Oct 2022 11:37

Tgt Ion: 107 Resp: 918280
Ion Ratio Lower Upper
107 100
109 92.6 75.8 113.8

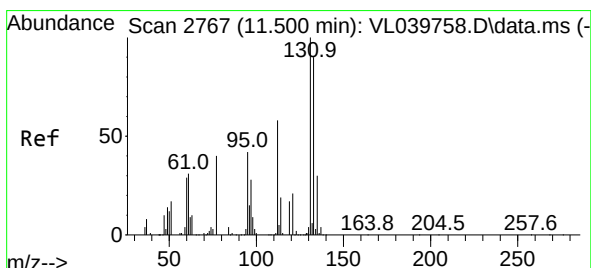
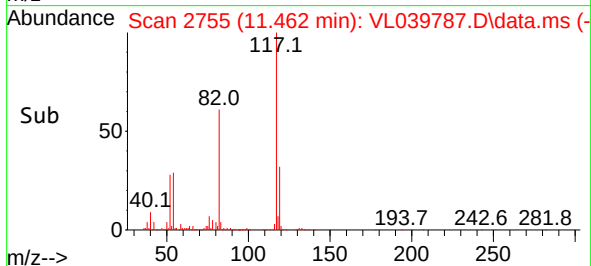
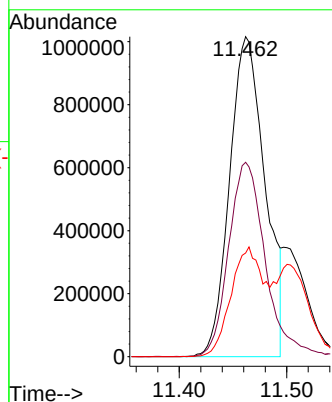
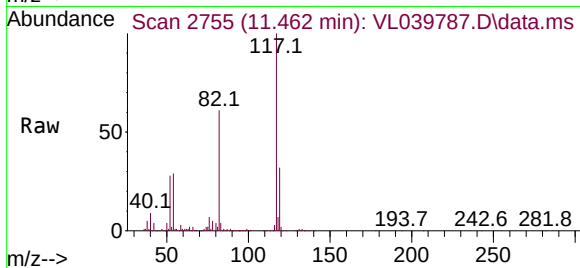




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.462 min Scan# 2755
Delta R.T. 0.000 min
Lab File: VL039787.D
Acq: 25 Oct 2022 11:37

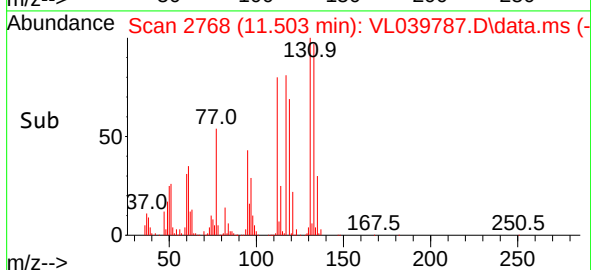
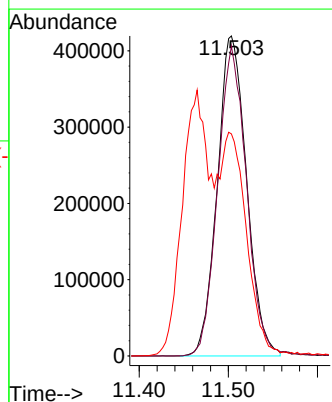
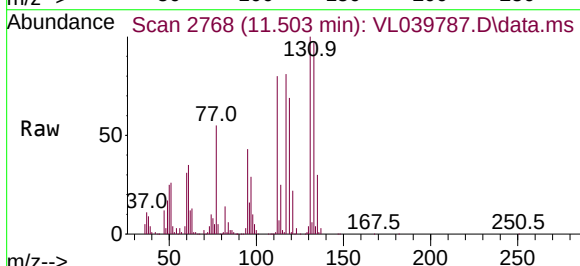
Instrument :
MSVOA_1
ClientSampleId :
VSTDCCC010

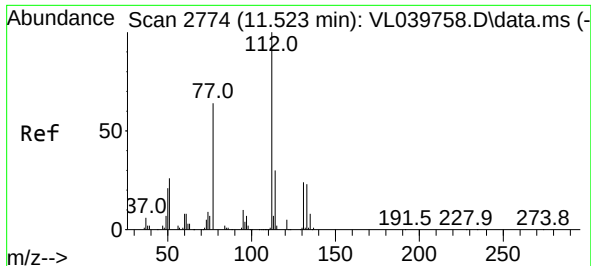
Tgt Ion:117 Resp: 2328189
Ion Ratio Lower Upper
117 100
82 63.5 49.9 74.9
119 33.8 25.2 37.8



#56
1,1,1,2-Tetrachloroethane
Concen: 9.738 ppbv
RT: 11.503 min Scan# 2768
Delta R.T. 0.003 min
Lab File: VL039787.D
Acq: 25 Oct 2022 11:37

Tgt Ion:131 Resp: 959327
Ion Ratio Lower Upper
131 100
133 95.7 77.1 115.7
119 66.8 52.0 78.0

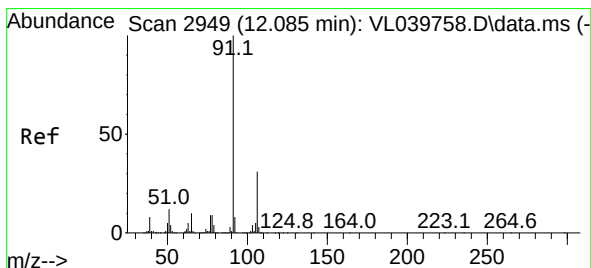
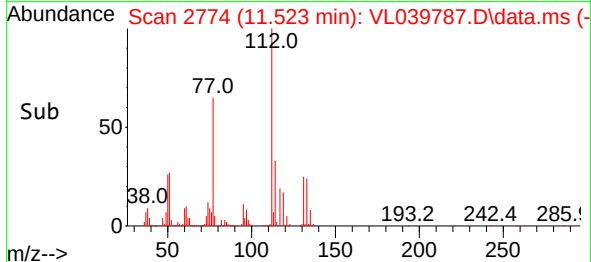
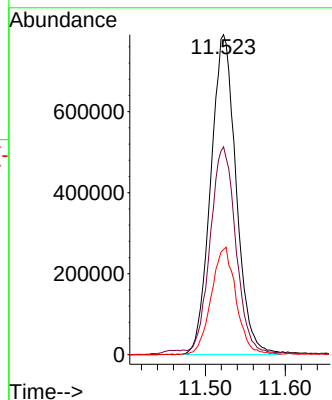
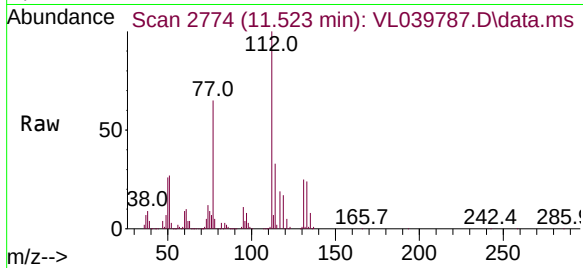




#57
Chlorobenzene
Concen: 9.737 ppbv
RT: 11.523 min Scan# 211
Delta R.T. 0.000 min
Lab File: VL039787.D
Acq: 25 Oct 2022 11:37

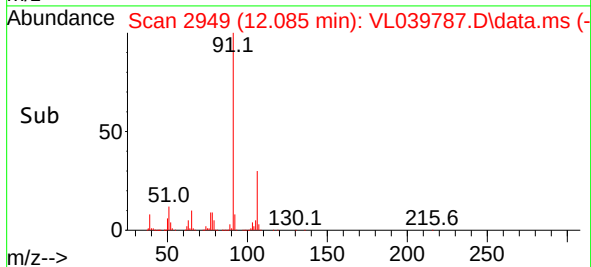
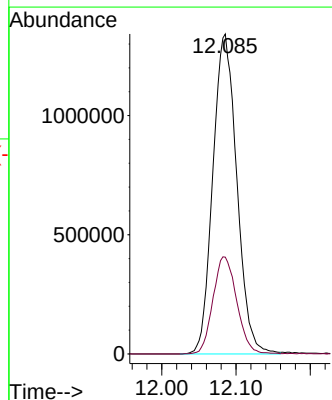
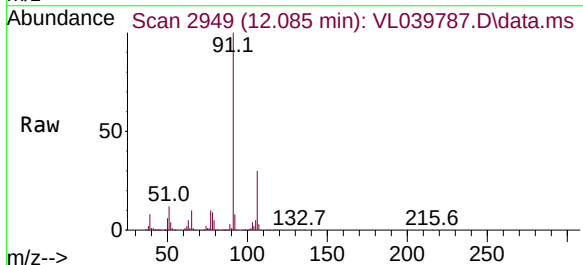
Instrument :
MSVOA_1
ClientSampleId :
VSTDCCC010

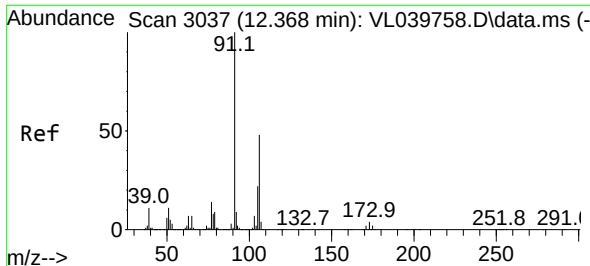
Tgt Ion:112 Resp: 1739059
Ion Ratio Lower Upper
112 100
77 64.5 51.5 77.3
114 32.7 27.1 33.1



#58
Ethyl Benzene
Concen: 11.358 ppbv
RT: 12.085 min Scan# 2949
Delta R.T. 0.000 min
Lab File: VL039787.D
Acq: 25 Oct 2022 11:37

Tgt Ion: 91 Resp: 3012495
Ion Ratio Lower Upper
91 100
106 30.2 24.6 36.8

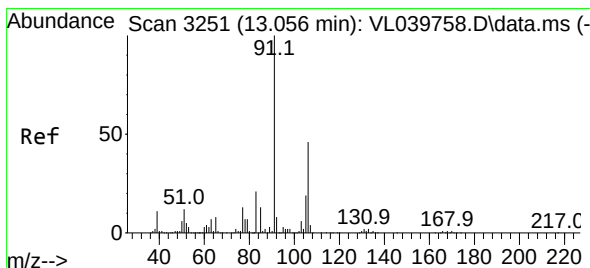
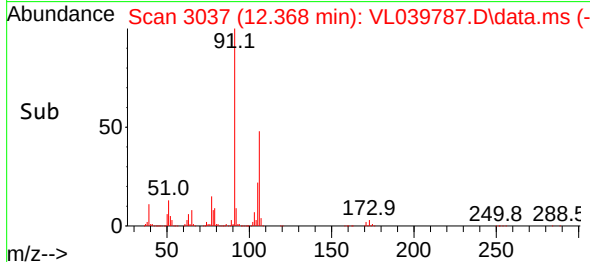
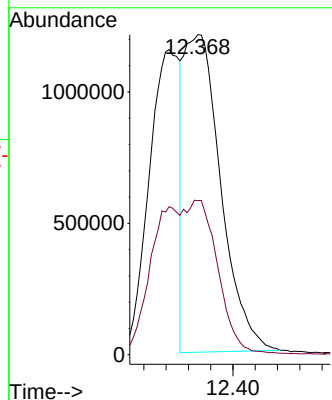
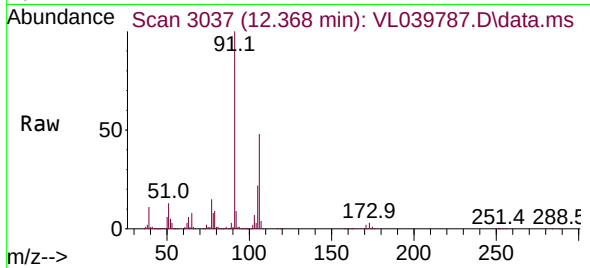




#59
m/p-Xylene
Concen: 11.615 ppbv
RT: 12.368 min Scan# 3037
Delta R.T. 0.000 min
Lab File: VL039787.D
Acq: 25 Oct 2022 11:37

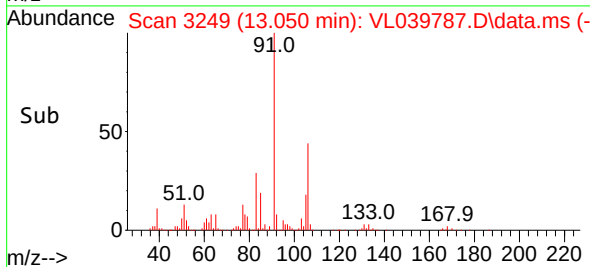
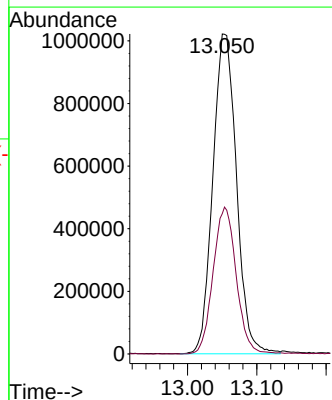
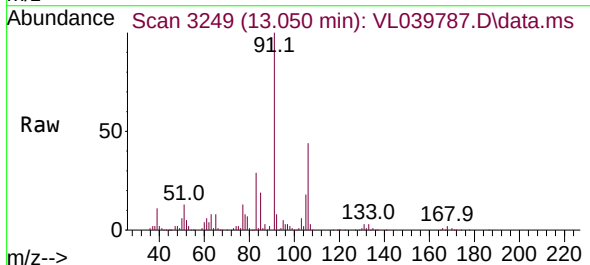
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

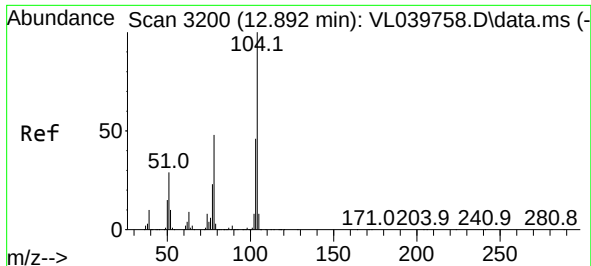
Tgt Ion: 91 Resp: 2780484
Ion Ratio Lower Upper
91 100
106 83.2 36.4 54.6#



#60
o-Xylene
Concen: 10.769 ppbv
RT: 13.050 min Scan# 3249
Delta R.T. -0.006 min
Lab File: VL039787.D
Acq: 25 Oct 2022 11:37

Tgt Ion: 91 Resp: 2417348
Ion Ratio Lower Upper
91 100
106 45.3 22.9 68.8

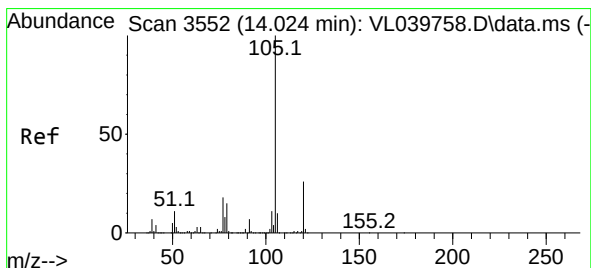
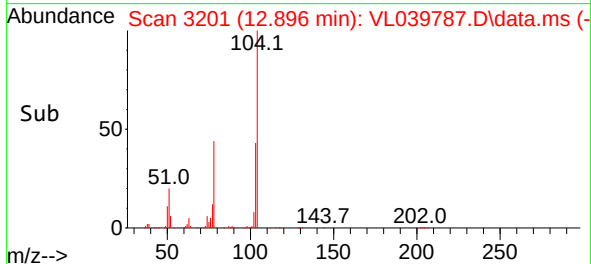
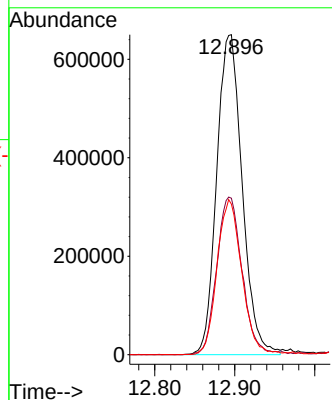
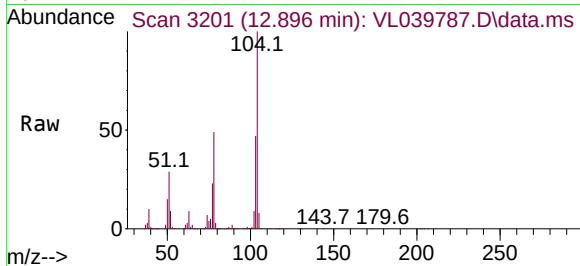




#61
Styrene
Concen: 12.183 ppbv
RT: 12.896 min Scan# 31
Delta R.T. 0.003 min
Lab File: VL039787.D
Acq: 25 Oct 2022 11:37

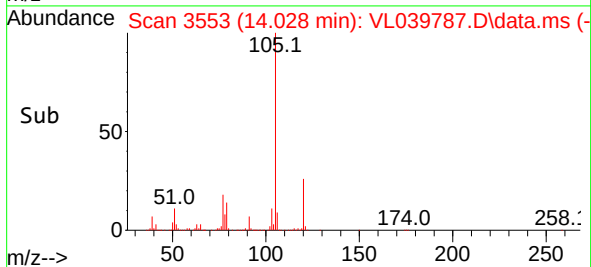
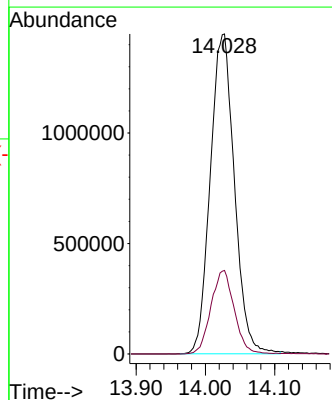
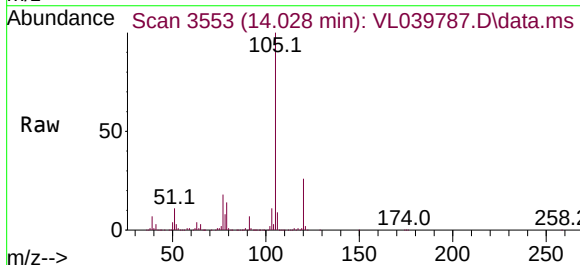
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

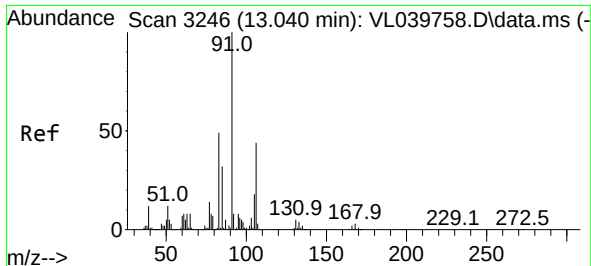
Tgt Ion:104 Resp: 1436286
Ion Ratio Lower Upper
104 100
78 49.6 39.9 59.9
103 47.6 38.8 58.2



#62
Isopropylbenzene
Concen: 10.210 ppbv
RT: 14.028 min Scan# 3553
Delta R.T. 0.003 min
Lab File: VL039787.D
Acq: 25 Oct 2022 11:37

Tgt Ion:105 Resp: 3501233
Ion Ratio Lower Upper
105 100
120 25.4 20.4 30.6

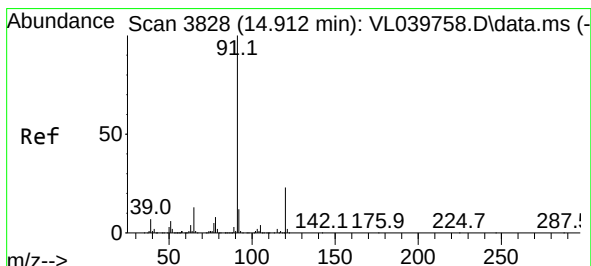
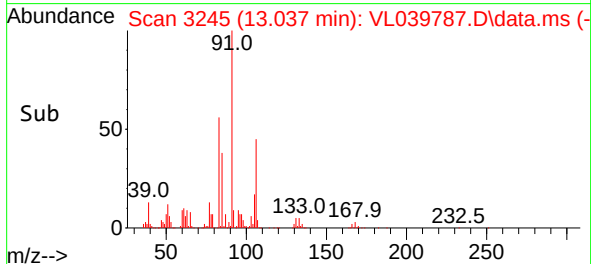
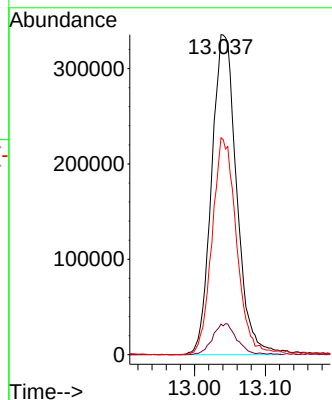
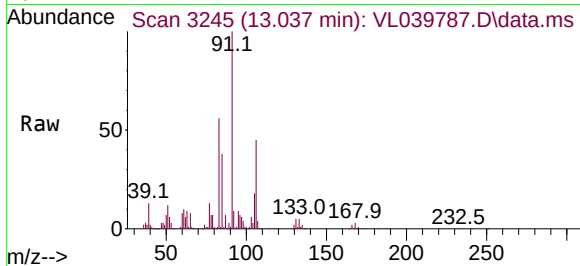




#63
1,1,2,2-Tetrachloroethane
Concen: 8.711 ppbv
RT: 13.037 min Scan# 31
Delta R.T. -0.003 min
Lab File: VL039787.D
Acq: 25 Oct 2022 11:37

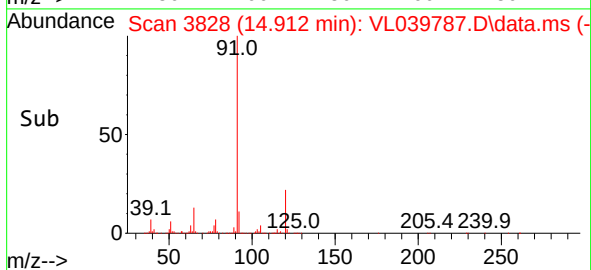
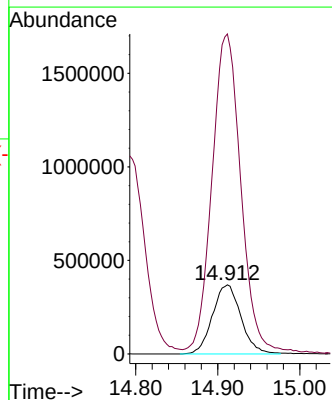
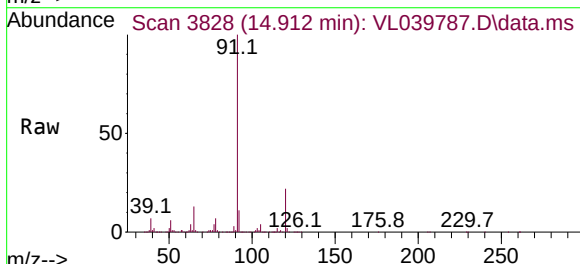
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

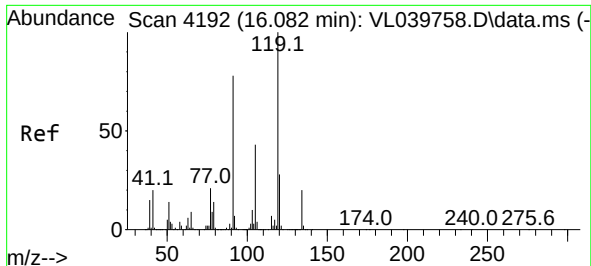
Tgt Ion: 83 Resp: 822389
Ion Ratio Lower Upper
83 100
131 9.6 5.0 14.9
85 66.5 33.6 100.6



#64
n-propylbenzene
Concen: 10.273 ppbv
RT: 14.912 min Scan# 3828
Delta R.T. 0.000 min
Lab File: VL039787.D
Acq: 25 Oct 2022 11:37

Tgt Ion: 120 Resp: 892118
Ion Ratio Lower Upper
120 100
91 473.8 386.6 579.8

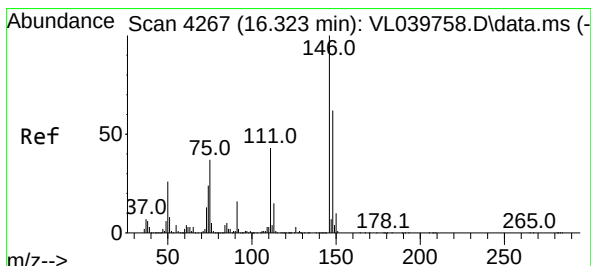
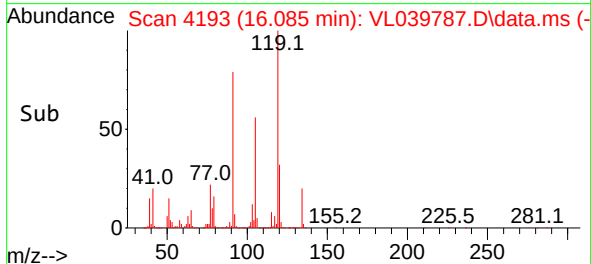
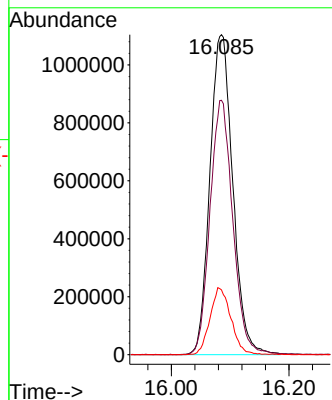
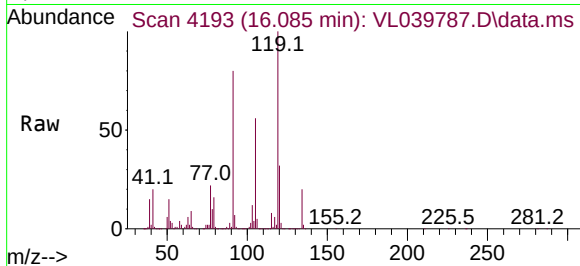




#65
tert-Butylbenzene
Concen: 9.995 ppbv
RT: 16.085 min Scan# 4192
Delta R.T. 0.003 min
Lab File: VL039787.D
Acq: 25 Oct 2022 11:37

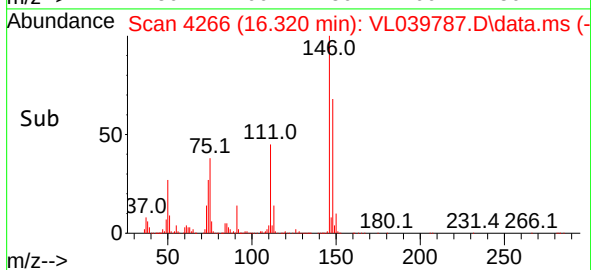
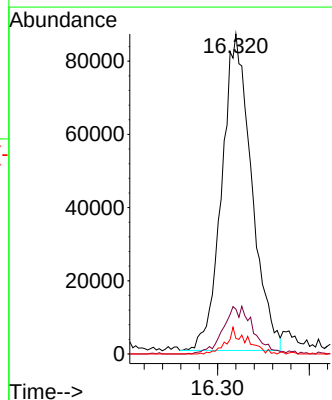
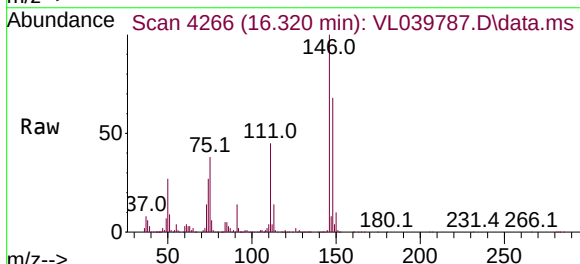
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ClientSampleId :
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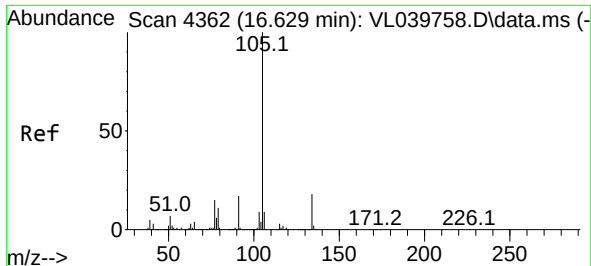
Tgt Ion:119 Resp: 2986735
Ion Ratio Lower Upper
119 100
91 79.3 63.3 94.9
134 19.2 15.5 23.3



#66
Benzyl Chloride
Concen: 9.192 ppbv
RT: 16.320 min Scan# 4266
Delta R.T. -0.003 min
Lab File: VL039787.D
Acq: 25 Oct 2022 11:37

Tgt Ion: 91 Resp: 194857
Ion Ratio Lower Upper
91 100
126 15.7 13.8 20.6
128 5.7 5.1 7.7

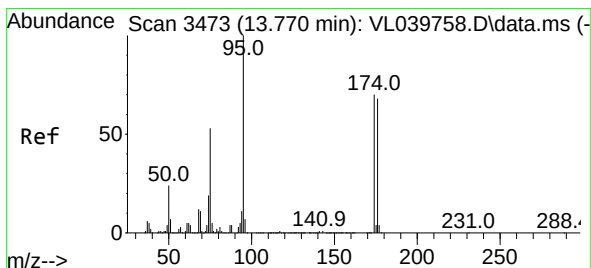
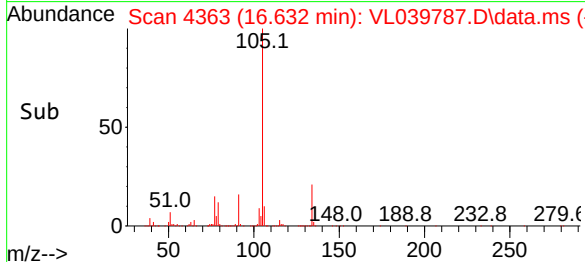
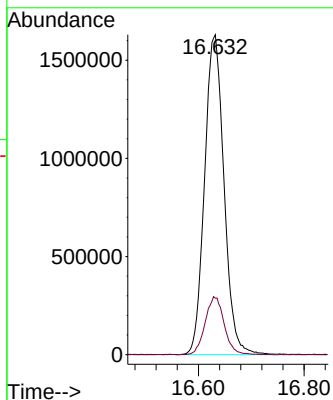
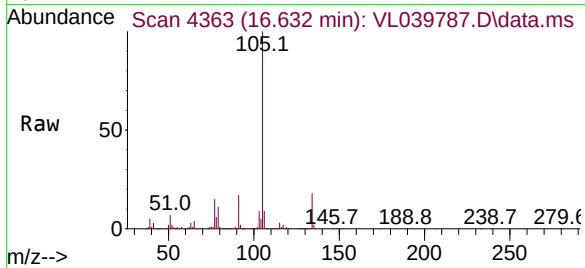




#67
 sec-Butylbenzene
 Concen: 9.882 ppbv
 RT: 16.632 min Scan# 41
 Delta R.T. 0.003 min
 Lab File: VL039787.D
 Acq: 25 Oct 2022 11:37

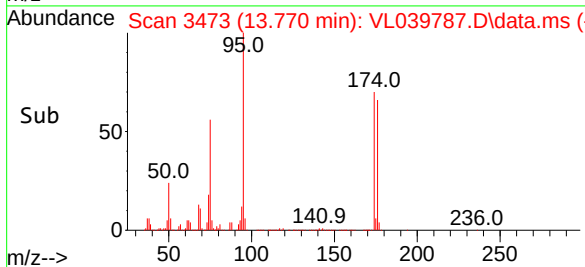
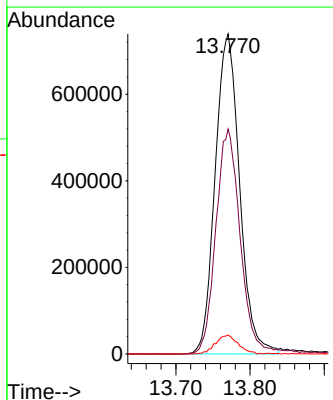
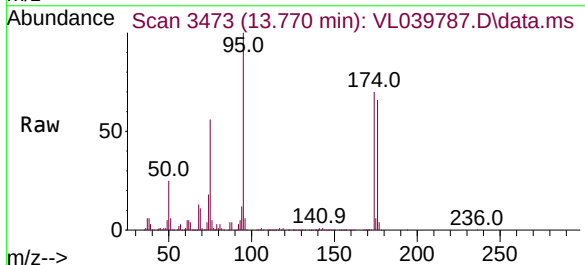
Instrument :
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 ClientSampleId :
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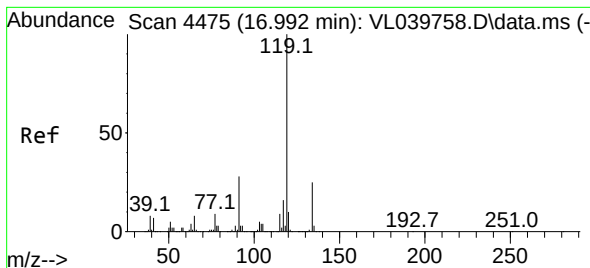
Tgt Ion:105 Resp: 4159488
 Ion Ratio Lower Upper
 105 100
 134 17.8 14.3 21.5



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.232 ppbv
 RT: 13.770 min Scan# 3473
 Delta R.T. 0.000 min
 Lab File: VL039787.D
 Acq: 25 Oct 2022 11:37

Tgt Ion: 95 Resp: 1694606
 Ion Ratio Lower Upper
 95 100
 174 71.2 57.3 85.9
 175 5.6 4.2 6.2

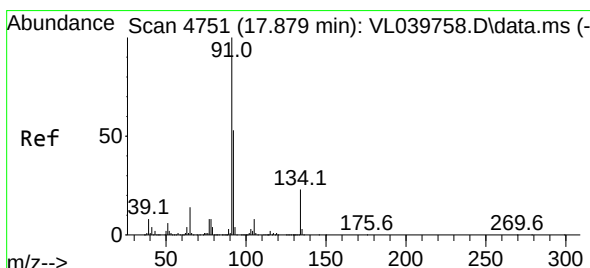
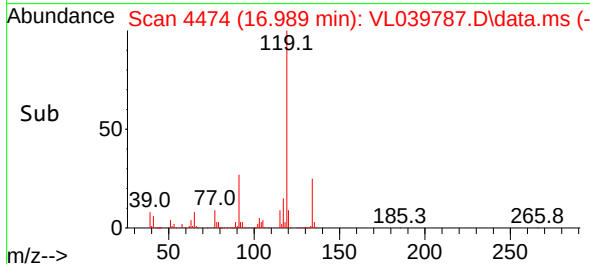
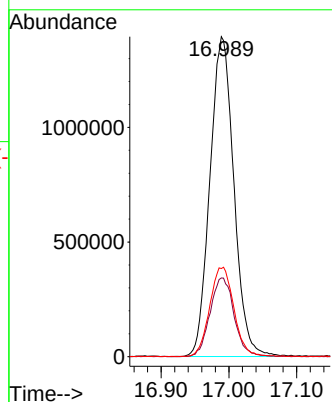
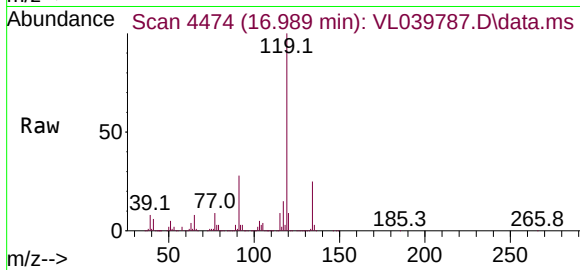




#69
p-Isopropyltoluene
Concen: 10.052 ppbv
RT: 16.989 min Scan# 4475
Delta R.T. -0.003 min
Lab File: VL039787.D
Acq: 25 Oct 2022 11:37

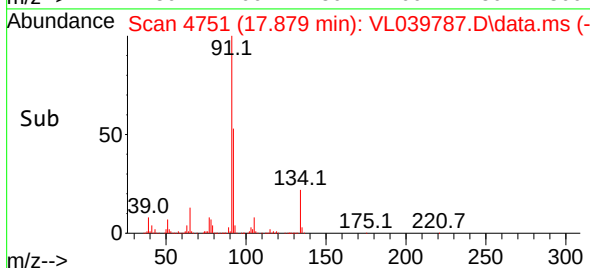
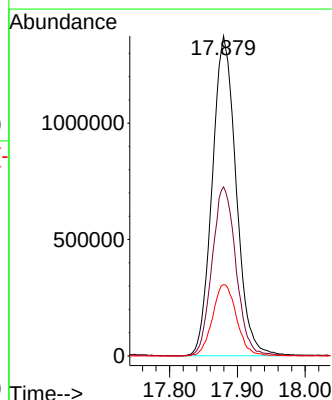
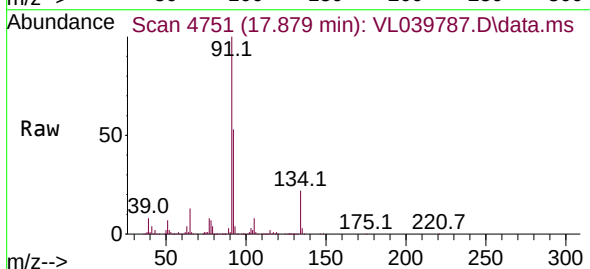
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

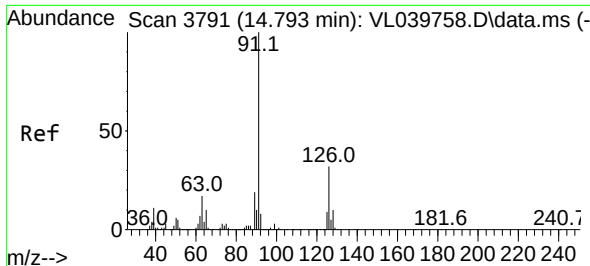
Tgt Ion:119 Resp: 3422681
Ion Ratio Lower Upper
119 100
134 24.9 19.8 29.6
91 28.2 22.2 33.2



#70
n-Butylbenzene
Concen: 10.334 ppbv
RT: 17.879 min Scan# 4751
Delta R.T. 0.000 min
Lab File: VL039787.D
Acq: 25 Oct 2022 11:37

Tgt Ion: 91 Resp: 3364603
Ion Ratio Lower Upper
91 100
92 53.2 43.0 64.6
134 22.6 18.5 27.7

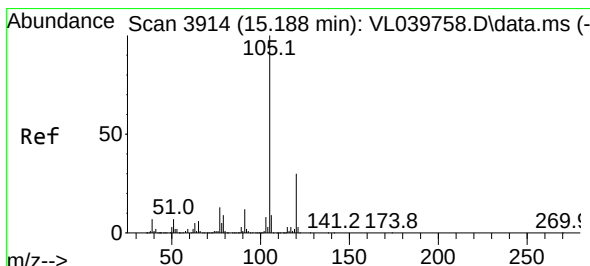
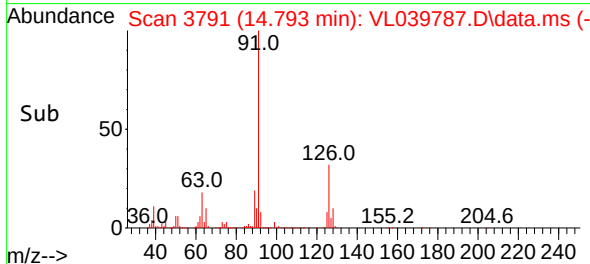
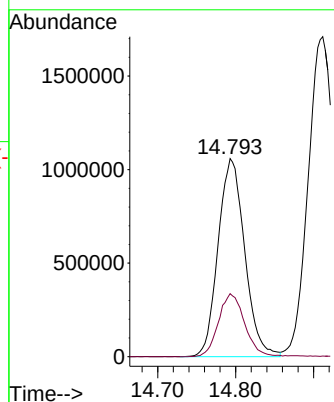
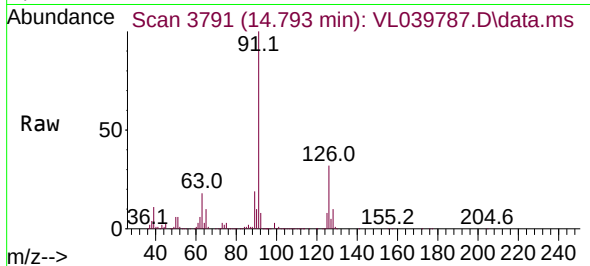




#71
2-Chlorotoluene
Concen: 10.544 ppbv
RT: 14.793 min Scan# 3791
Delta R.T. 0.000 min
Lab File: VL039787.D
Acq: 25 Oct 2022 11:37

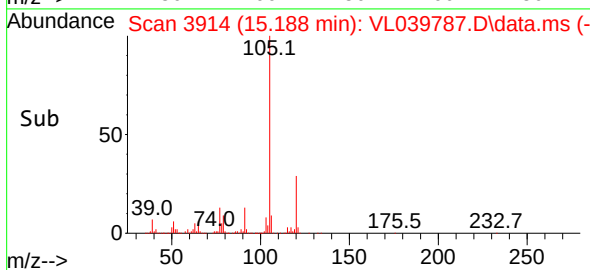
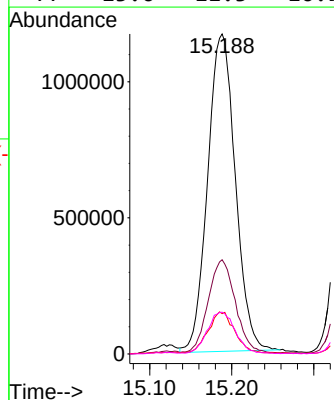
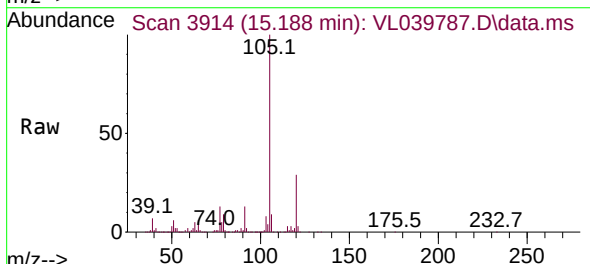
Instrument :
MSVOA_L
ClientSampleId :
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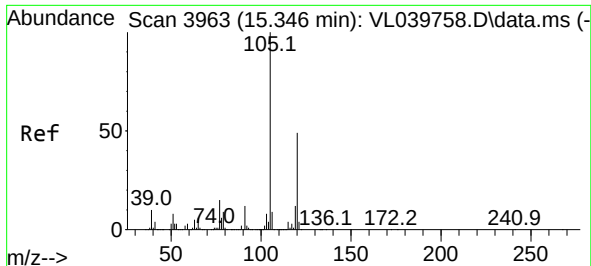
Tgt Ion: 91 Resp: 2511447
Ion Ratio Lower Upper
91 100
126 32.0 13.0 52.0



#72
4-Ethyltoluene
Concen: 10.592 ppbv
RT: 15.188 min Scan# 3914
Delta R.T. 0.000 min
Lab File: VL039787.D
Acq: 25 Oct 2022 11:37

Tgt Ion: 105 Resp: 2738693
Ion Ratio Lower Upper
105 100
120 30.8 25.0 37.6
91 14.0 10.2 15.2
77 13.6 11.3 16.9

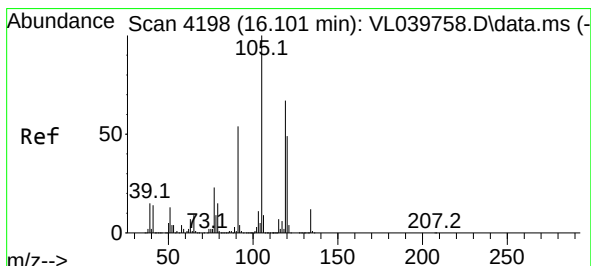
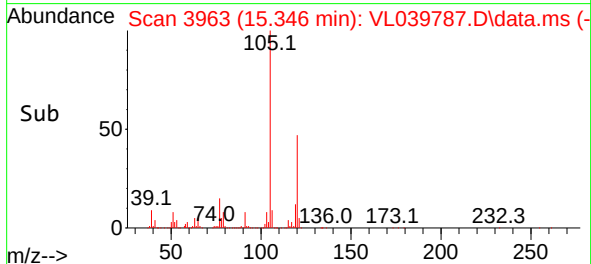
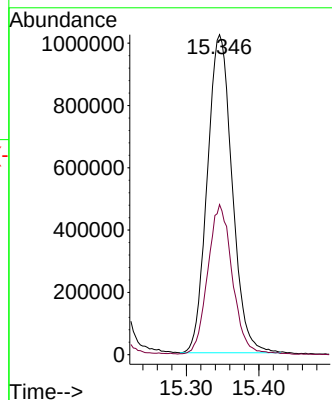
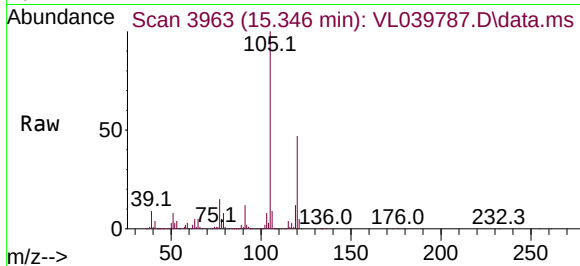




#73
 1,3,5-Trimethylbenzene
 Concen: 10.514 ppbv
 RT: 15.346 min Scan# 3963
 Delta R.T. 0.000 min
 Lab File: VL039787.D
 Acq: 25 Oct 2022 11:37

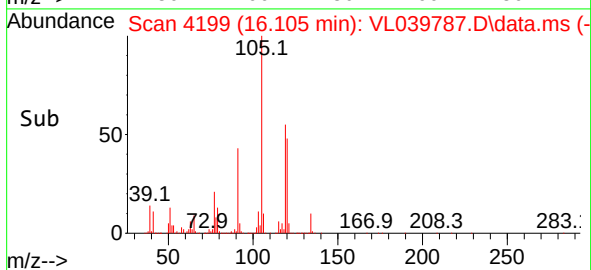
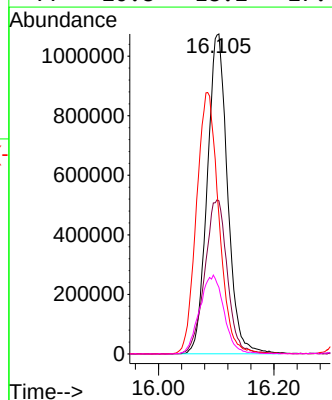
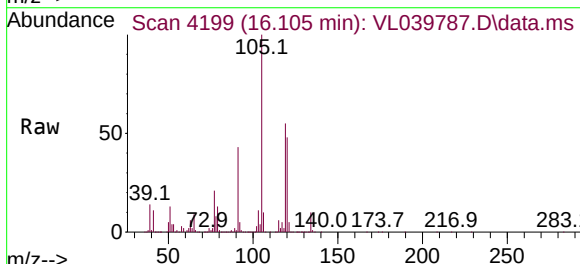
Instrument :
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 ClientSampleId :
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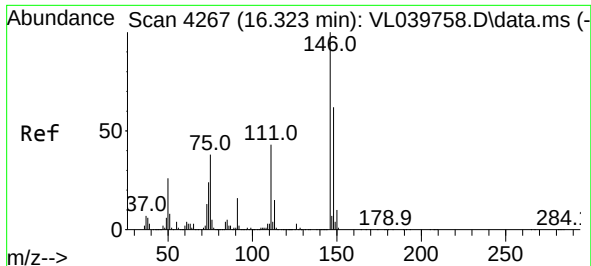
Tgt Ion:105 Resp: 2433082
 Ion Ratio Lower Upper
 105 100
 120 46.9 39.0 58.6



#74
 1,2,4-Trimethylbenzene
 Concen: 10.013 ppbv
 RT: 16.105 min Scan# 4199
 Delta R.T. 0.003 min
 Lab File: VL039787.D
 Acq: 25 Oct 2022 11:37

Tgt Ion:105 Resp: 2623960
 Ion Ratio Lower Upper
 105 100
 120 47.7 39.6 59.4
 91 43.0 42.9 64.3
 77 20.8 18.2 27.4

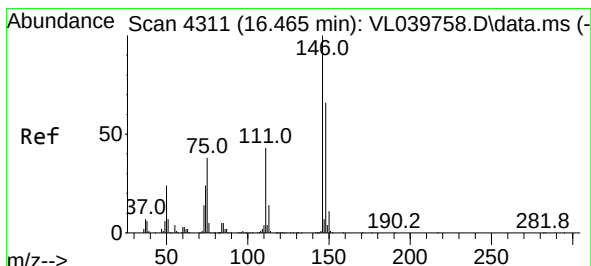
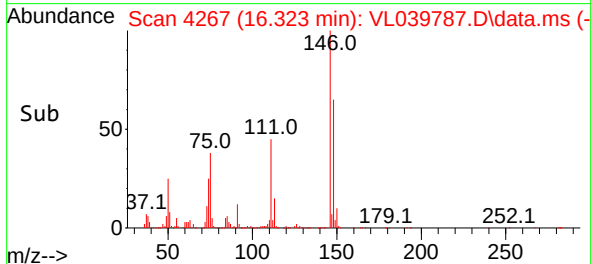
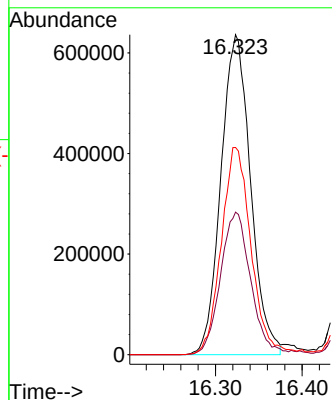
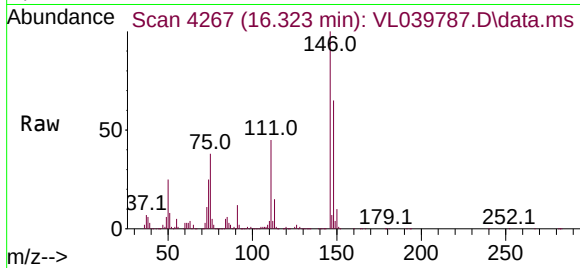




#75
1,3-Dichlorobenzene
Concen: 9.496 ppbv
RT: 16.323 min Scan# 4267
Delta R.T. 0.000 min
Lab File: VL039787.D
Acq: 25 Oct 2022 11:37

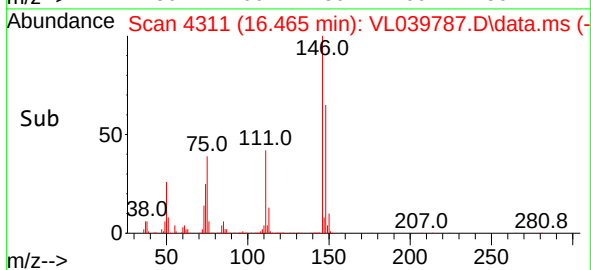
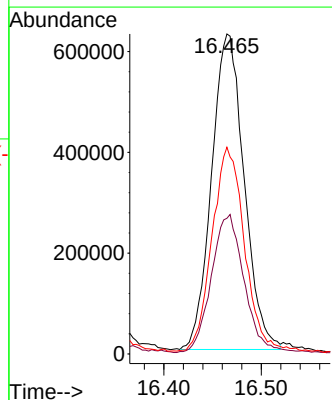
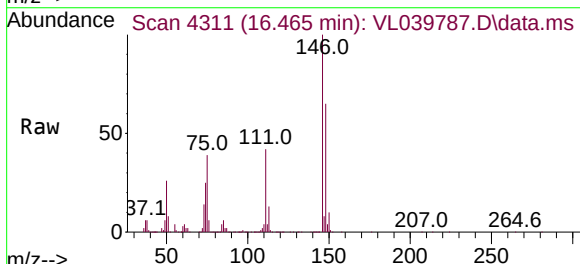
Instrument :
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ClientSampleId :
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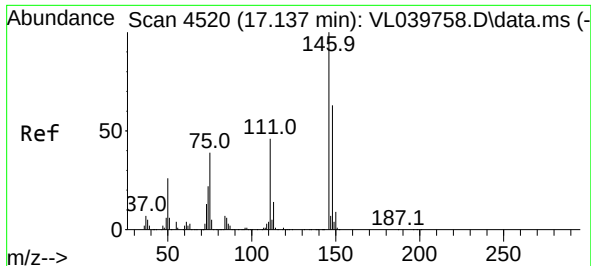
Tgt Ion:146 Resp: 1510465
Ion Ratio Lower Upper
146 100
111 45.9 22.4 67.3
148 65.5 32.4 97.0



#76
1,4-Dichlorobenzene
Concen: 9.575 ppbv
RT: 16.465 min Scan# 4311
Delta R.T. 0.000 min
Lab File: VL039787.D
Acq: 25 Oct 2022 11:37

Tgt Ion:146 Resp: 1452478
Ion Ratio Lower Upper
146 100
111 46.2 22.0 66.0
148 68.1 33.6 100.8

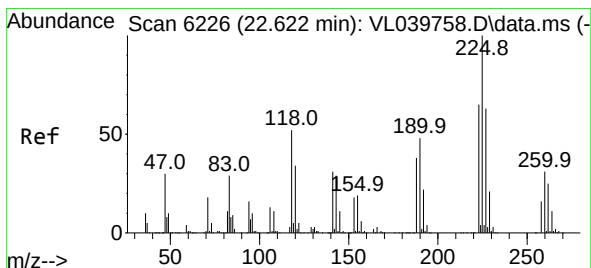
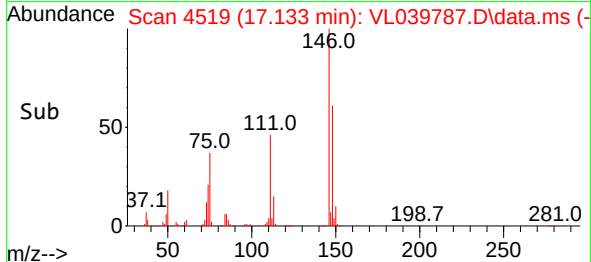
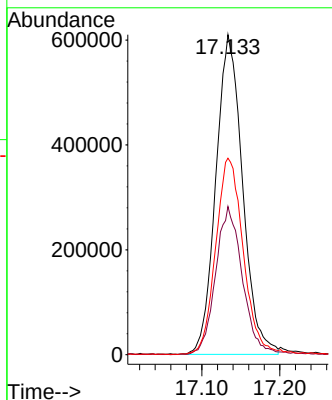
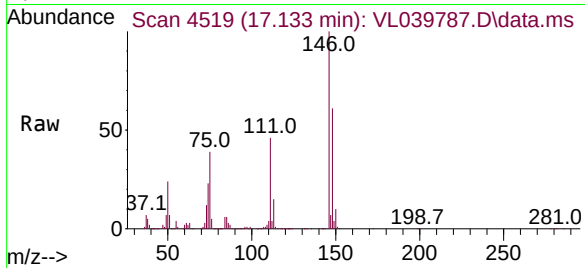




#77
1,2-Dichlorobenzene
Concen: 9.567 ppbv
RT: 17.133 min Scan# 4519
Delta R.T. -0.003 min
Lab File: VL039787.D
Acq: 25 Oct 2022 11:37

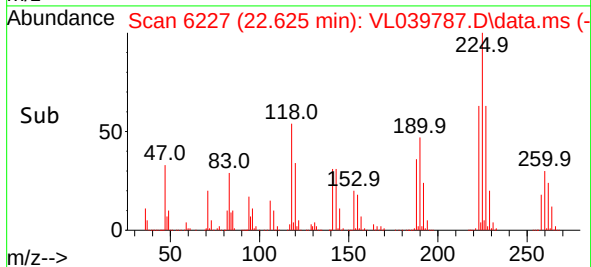
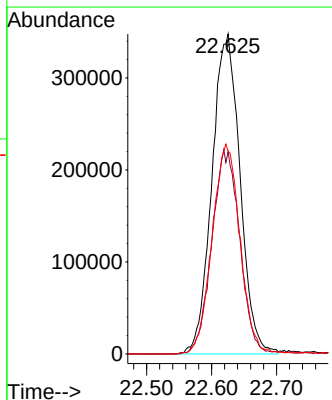
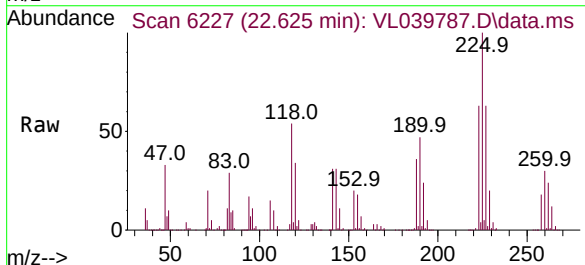
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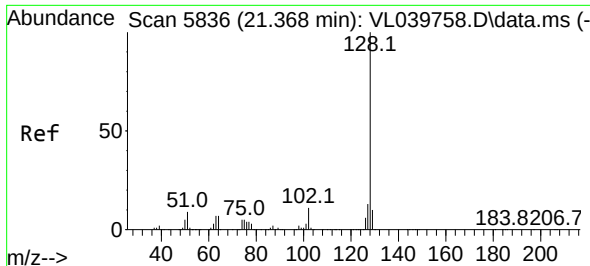
Tgt Ion:146 Resp: 1451131
Ion Ratio Lower Upper
146 100
111 46.9 23.8 71.4
148 64.1 32.3 96.9



#78
Hexachloro-1,3-Butadiene
Concen: 9.026 ppbv
RT: 22.625 min Scan# 6227
Delta R.T. 0.003 min
Lab File: VL039787.D
Acq: 25 Oct 2022 11:37

Tgt Ion:225 Resp: 1043290
Ion Ratio Lower Upper
225 100
223 64.0 50.8 76.2
227 65.1 51.0 76.4

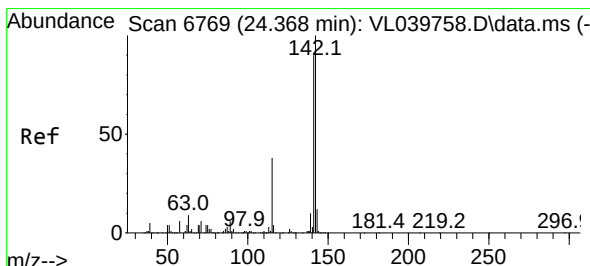
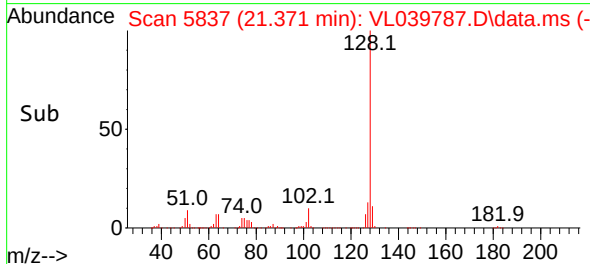
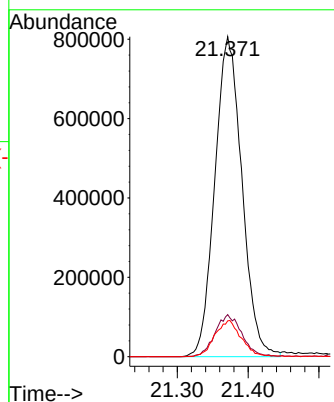
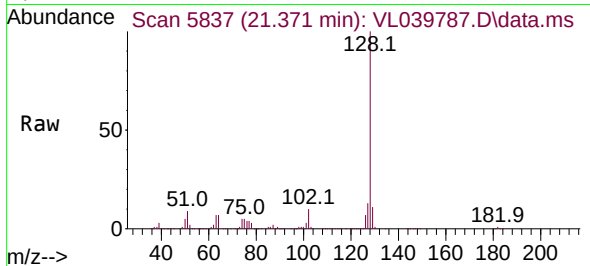




#79
Naphthalene
Concen: 13.386 ppbv
RT: 21.371 min Scan# 5837
Delta R.T. 0.003 min
Lab File: VL039787.D
Acq: 25 Oct 2022 11:37

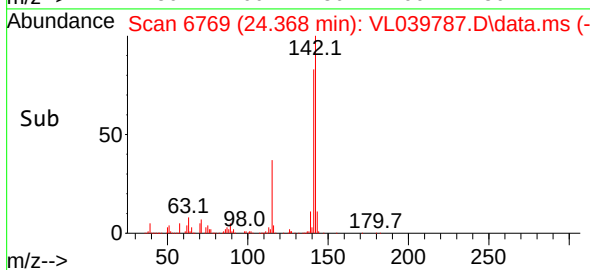
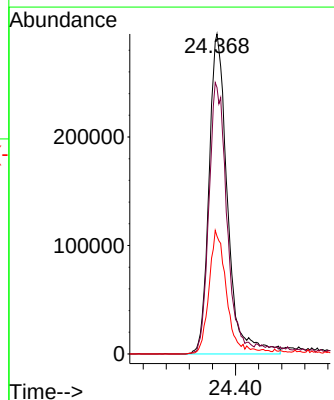
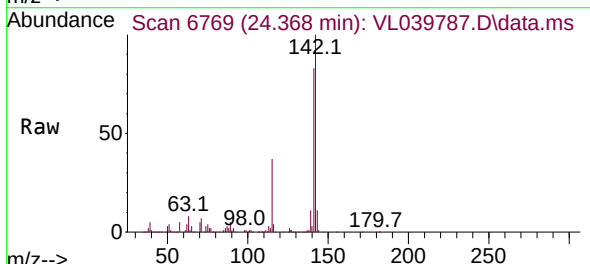
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ClientSampleId :
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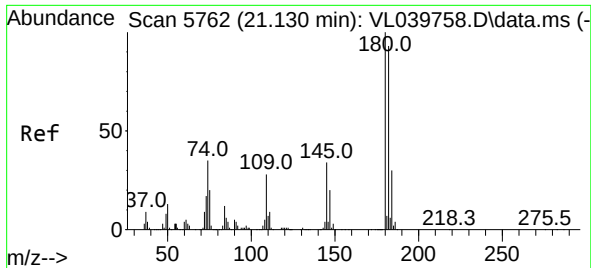
Tgt Ion:128 Resp: 2145318
Ion Ratio Lower Upper
128 100
127 13.2 10.5 15.7
129 11.2 8.4 12.6



#80
Naphthalene,2-methyl-
Concen: 12.012 ppbv
RT: 24.368 min Scan# 6769
Delta R.T. 0.000 min
Lab File: VL039787.D
Acq: 25 Oct 2022 11:37

Tgt Ion:142 Resp: 653702
Ion Ratio Lower Upper
142 100
141 86.7 65.7 98.5
115 38.2 28.3 42.5





#81

1,2,4-Trichlorobenzene

Concen: 11.111 ppbv

RT: 21.127 min Scan# 51

Delta R.T. -0.003 min

Lab File: VL039787.D

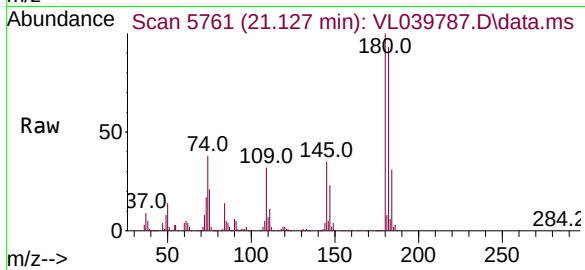
Acq: 25 Oct 2022 11:37

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010



Tgt Ion:180 Resp: 1176797

Ion Ratio Lower Upper

180 100

182 95.6 77.5 116.3

184 31.2 24.6 36.8

