

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL091922\
 Data File : VL039634.D
 Acq On : 19 Sep 2022 14:43
 Operator : SY/AP
 Sample : VSTDICV010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL091922

Quant Time: Sep 20 07:56:12 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL091922AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Mon Sep 19 14:26:28 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.214	49	1206066	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.671	114	3136801	10.000	ppbv	0.01
55) Chlorobenzene-d5	11.481	117	3632694	10.000	ppbv	0.01

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.789	95	2325950	8.577	ppbv	0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	85.800%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.755	85	1336532	9.559	ppbv	100
3) Chlorodifluoromethane	2.700	51	1242902	8.684	ppbv	96
4) Chloromethane	2.838	50	776478	8.990	ppbv	100
5) Vinyl Chloride	2.944	62	641116	8.906	ppbv	96
6) Bromomethane	3.144	94	245298	9.239	ppbv	95
7) Chloroethane	3.224	64	251267	9.544	ppbv	100
8) Dichlorotetrafluoroethane	2.883	85	1547598	9.227	ppbv	95
9) Propene	2.719	41	605552	9.264	ppbv	100
10) Heptane	7.597	43	1431557	9.385	ppbv	98
11) Trichlorofluoromethane	3.587	101	1542806	8.910	ppbv	98
12) 1,1,2-Trichlorotrifluo...	4.089	101	1148156	8.779	ppbv	98
13) Ethanol	3.263	45	20811	4.178	ppbv	73
14) Bromoethene	3.391	108	506120	9.694	ppbv	98
15) Acetone	3.491	43	1156709	8.619	ppbv	100
16) 1,3-Butadiene	3.012	39	632373	9.289	ppbv	97
17) tert-Butyl alcohol	3.902	59	1090497	9.054	ppbv	99
18) 1,1-Dichloroethene	3.902	96	521450	9.062	ppbv	97
19) Isopropyl Alcohol	3.597	45	652935	9.545	ppbv	98
20) Methylene Chloride	3.957	84	426143	6.868	ppbv	94
21) Allyl Chloride	4.021	41	815464	8.923	ppbv	99
22) trans-1,2-Dichloroethene	4.468	96	504974	8.871	ppbv	94
23) Vinyl Acetate	4.648	43	512424	8.446	ppbv	98
24) 1,1-Dichloroethane	4.587	63	1105584	9.151	ppbv	100
25) Ethyl Acetate	5.224	43	2637178	9.012	ppbv	99
26) Hexane	5.234	57	1084471	8.733	ppbv	97
27) Carbon Disulfide	4.147	76	1307454	10.018	ppbv	100
28) Methyl tert-Butyl Ether	4.610	73	931257	8.926	ppbv	100
29) Chloroform	5.295	83	1632831	9.108	ppbv	98
30) Cyclohexane	6.619	84	913112	9.495	ppbv	96
31) cis-1,2-Dichloroethene	5.099	61	1083124	9.643	ppbv	99
32) 1,1,1-Trichloroethane	6.025	97	1559628	9.609	ppbv	99
34) 2-Butanone	4.809	43	1492391	9.686	ppbv	99
35) Carbon Tetrachloride	6.510	117	1655931	9.944	ppbv	100
36) Benzene	6.388	78	2270076	9.466	ppbv	96
37) 1,2-Dichloroethane	5.825	62	1228265	9.410	ppbv	99
38) Trichloroethene	7.311	130	1272100	9.815	ppbv	97
39) 1,2-Dichloropropane	7.092	63	861669	9.305	ppbv	95
40) 1,4-Dioxane	7.304	88	352424	9.320	ppbv	98
41) Tetrahydrofuran	5.578	42	932315	9.863	ppbv	97
42) Bromodichloromethane	7.266	83	1744171	9.607	ppbv	98
43) Methyl Methacrylate	7.491	69	893213	10.217	ppbv	98
44) 2,2,4-Trimethylpentane	7.343	57	3810497	9.219	ppbv	99
45) t-1,3-Dichloropropene	8.722	75	850543	11.514	ppbv	100

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Instrument :
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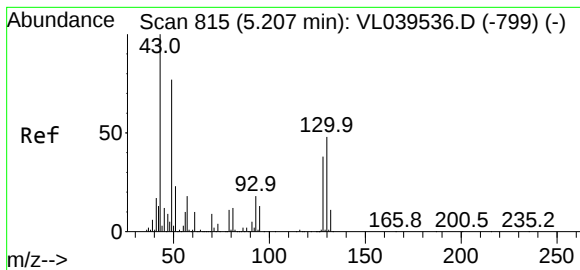
Quant Time: Sep 20 07:56:12 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL091922AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Mon Sep 19 14:26:28 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.159	75	1142435	10.863	ppbv	94
47) 1,1,2-Trichloroethane	8.915	97	910677	8.997	ppbv	96
48) Dibromochloromethane	9.725	129	1483316	9.731	ppbv	99
49) Bromoform	12.423	173	1219620	9.674	ppbv	98
50) 4-Methyl-2-Pentanone	8.198	43	2405538	9.936	ppbv	98
51) 2-Hexanone	9.568	43	1851691	10.332	ppbv #	100
52) Tetrachloroethene	10.632	164	830762	9.080	ppbv	98
53) Toluene	9.237	91	2628940	9.856	ppbv	99
54) 1,2-Dibromoethane	10.021	107	1060318	9.792	ppbv	97
56) 1,1,1,2-Tetrachloroethane	11.523	131	1090619	7.429	ppbv	95
57) Chlorobenzene	11.545	112	1939082	7.259	ppbv	99
58) Ethyl Benzene	12.105	91	3381087	8.072	ppbv	99
59) m/p-Xylene	12.388	91	2900398	7.781	ppbv #	32
60) o-Xylene	13.072	91	2709466	7.612	ppbv	99
61) Styrene	12.915	104	1648301	8.598	ppbv	98
62) Isopropylbenzene	14.047	105	3926921	7.331	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.060	83	1000729	7.048	ppbv	99
64) n-propylbenzene	14.931	120	1013023	7.386	ppbv	97
65) tert-Butylbenzene	16.108	119	3414813	7.216	ppbv	100
66) Benzyl Chloride	16.342	91	257599	6.837	ppbv	99
67) sec-Butylbenzene	16.651	105	4739474	7.140	ppbv	99
69) p-Isopropyltoluene	17.011	119	3962835	7.266	ppbv	100
70) n-Butylbenzene	17.902	91	3981446	7.447	ppbv	99
71) 2-Chlorotoluene	14.815	91	2857058	7.388	ppbv	99
72) 4-Ethyltoluene	15.211	105	3156524	7.768	ppbv	99
73) 1,3,5-Trimethylbenzene	15.368	105	2804801	7.543	ppbv	98
74) 1,2,4-Trimethylbenzene	16.124	105	2993690	7.182	ppbv	99
75) 1,3-Dichlorobenzene	16.346	146	1775988	7.141	ppbv	99
76) 1,4-Dichlorobenzene	16.487	146	1773059	7.127	ppbv	98
77) 1,2-Dichlorobenzene	17.159	146	1722730	7.103	ppbv	100
78) Hexachloro-1,3-Butadiene	22.648	225	1389226	7.497	ppbv	99
79) Naphthalene	21.397	128	2945315	10.707	ppbv	99
80) Naphthalene,2-methyl-	24.387	142	1145773	11.078	ppbv	100
81) 1,2,4-Trichlorobenzene	21.153	180	1637266	9.062	ppbv	98

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

Quant Time: Sep 20 07:56:12 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL091922AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Mon Sep 19 14:26:28 2022
Response via : Initial Calibration

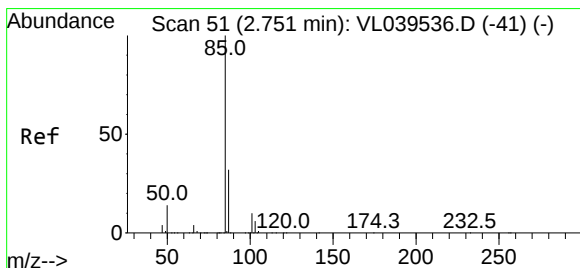
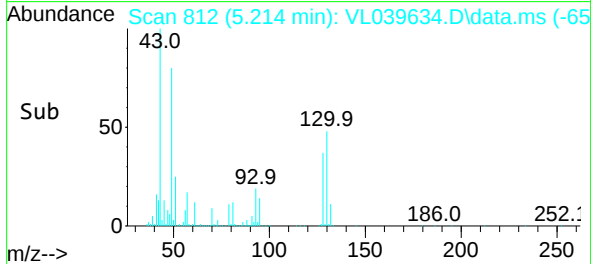
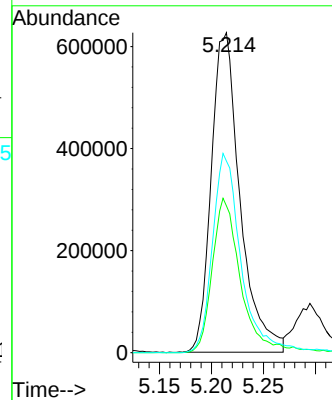
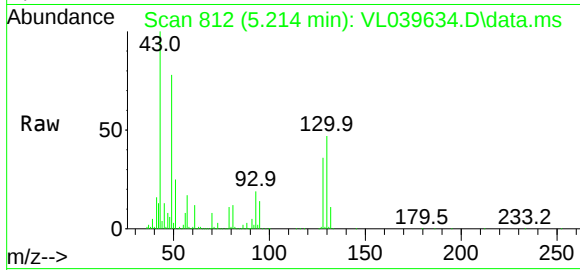




#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.214 min Scan# 81
 Delta R.T. 0.007 min
 Lab File: VL039634.D
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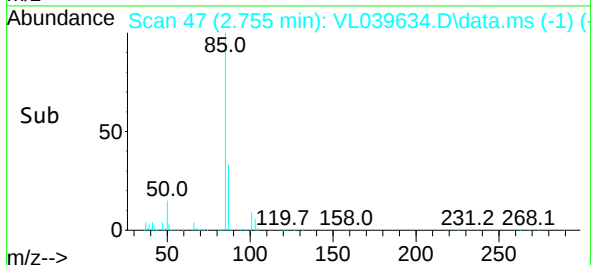
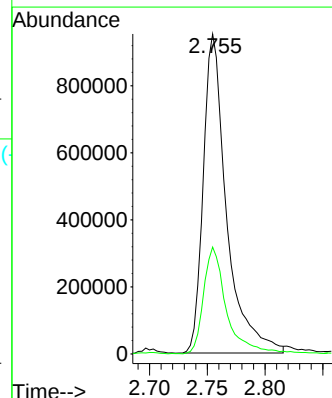
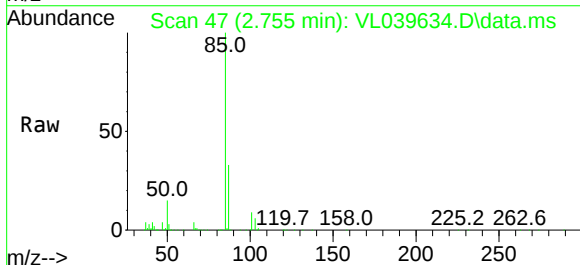
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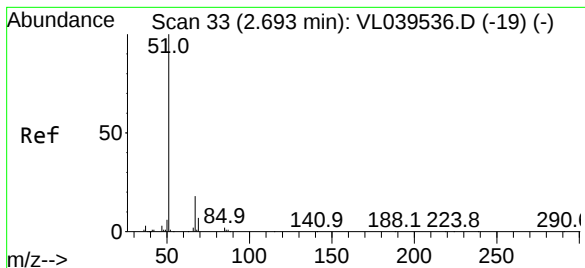
Tgt Ion: 49 Resp: 1206066
 Ion Ratio Lower Upper
 49 100
 128 48.6 26.7 80.0
 130 63.2 34.3 102.8



#2
 Dichlorodifluoromethane
 Concen: 9.559 ppbv
 RT: 2.755 min Scan# 47
 Delta R.T. 0.004 min
 Lab File: VL039634.D
 Acq: 19 Sep 2022 14:43

Tgt Ion: 85 Resp: 1336532
 Ion Ratio Lower Upper
 85 100
 87 33.5 26.7 40.1

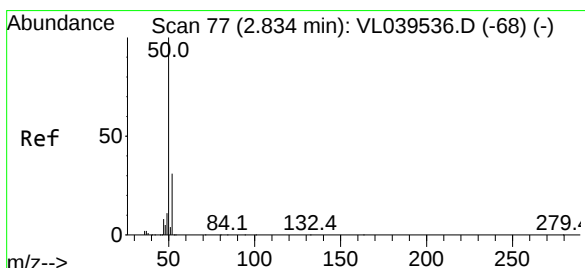
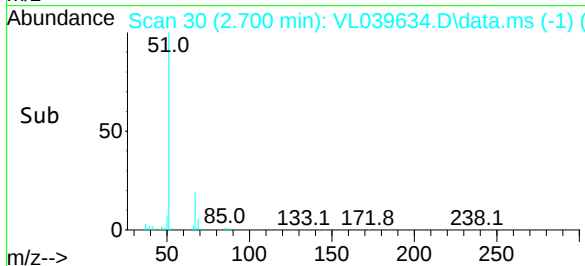
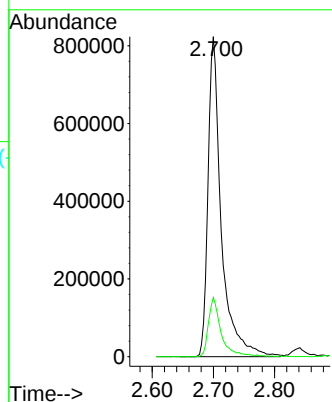
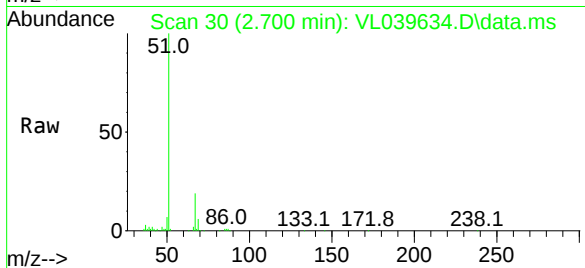




#3
 Chlorodifluoromethane
 Concen: 8.684 ppbv
 RT: 2.700 min Scan# 30
 Delta R.T. 0.007 min
 Lab File: VL039634.D
 Acq: 19 Sep 2022 14:43

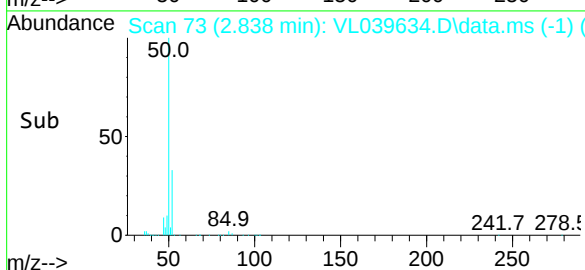
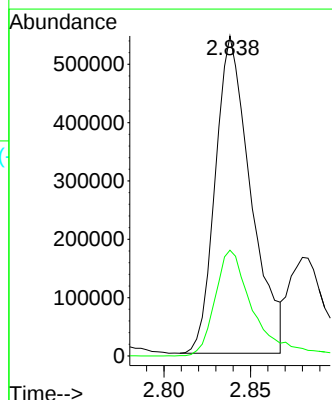
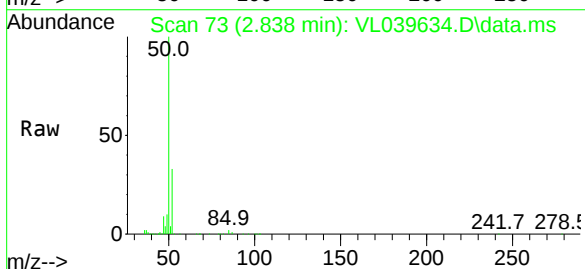
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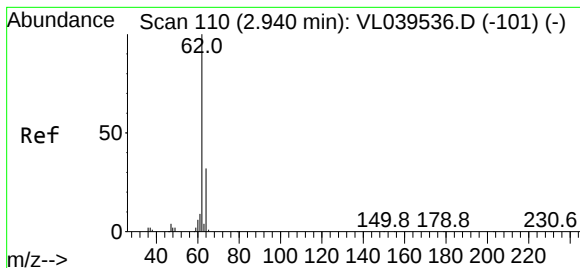
Tgt Ion: 51 Resp: 1242902
 Ion Ratio Lower Upper
 51 100
 67 17.8 15.7 23.5



#4
 Chloromethane
 Concen: 8.990 ppbv
 RT: 2.838 min Scan# 73
 Delta R.T. 0.004 min
 Lab File: VL039634.D
 Acq: 19 Sep 2022 14:43

Tgt Ion: 50 Resp: 776478
 Ion Ratio Lower Upper
 50 100
 52 33.2 26.5 39.7

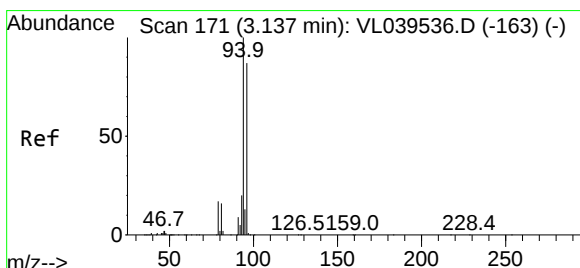
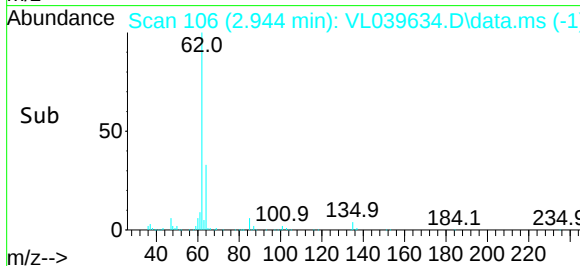
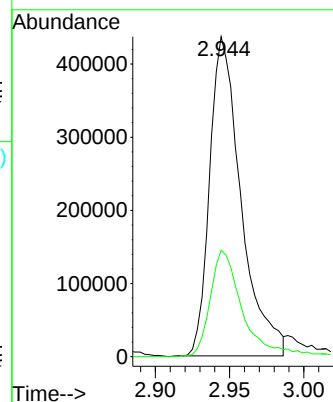
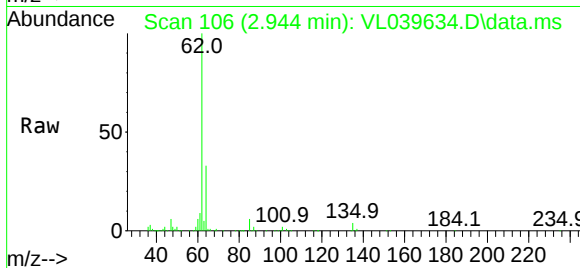




#5
 Vinyl Chloride
 Concen: 8.906 ppbv
 RT: 2.944 min Scan# 106
 Delta R.T. 0.004 min
 Lab File: VL039634.D
 Acq: 19 Sep 2022 14:43

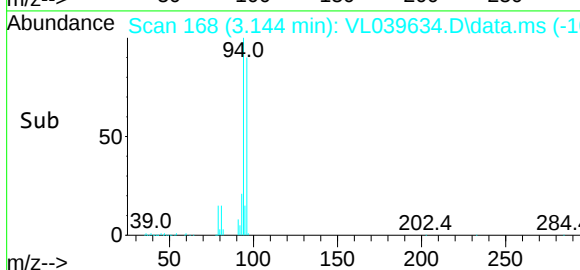
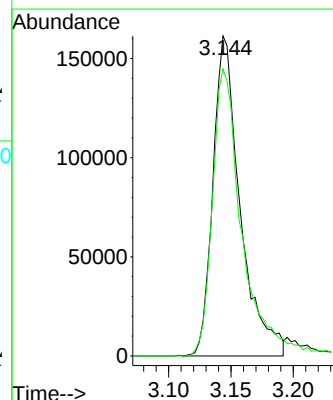
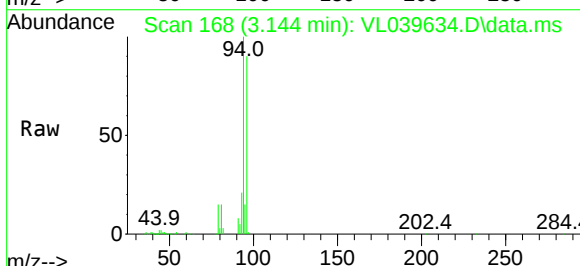
Instrument :
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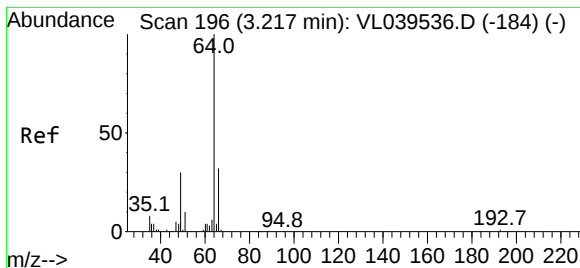
Tgt Ion: 62 Resp: 641116
 Ion Ratio Lower Upper
 62 100
 64 33.1 24.6 36.8



#6
 Bromomethane
 Concen: 9.239 ppbv
 RT: 3.144 min Scan# 168
 Delta R.T. 0.007 min
 Lab File: VL039634.D
 Acq: 19 Sep 2022 14:43

Tgt Ion: 94 Resp: 245298
 Ion Ratio Lower Upper
 94 100
 96 89.7 75.6 113.4

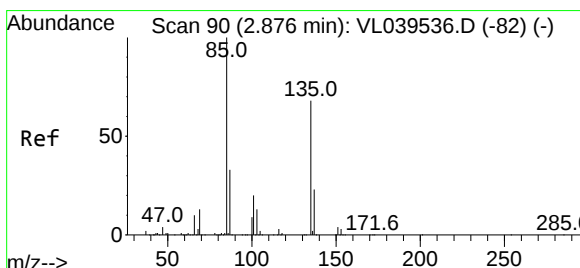
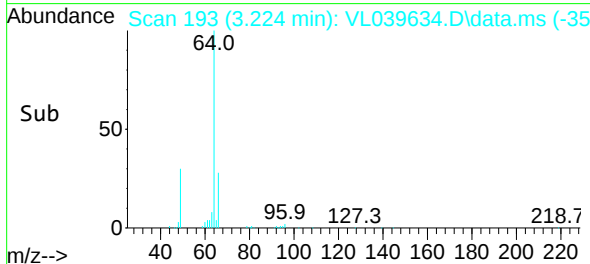
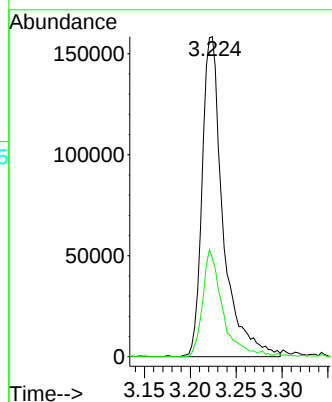
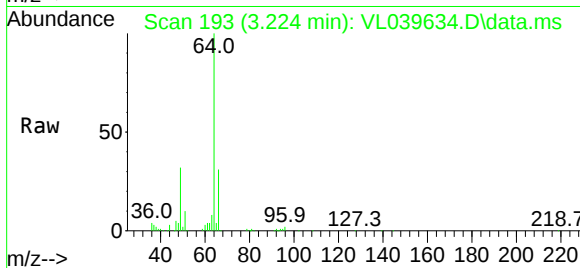




#7
Chloroethane
Concen: 9.544 ppbv
RT: 3.224 min Scan# 196
Delta R.T. 0.007 min
Lab File: VL039634.D
Acq: 19 Sep 2022 14:43

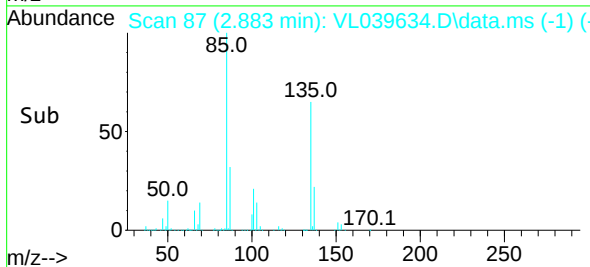
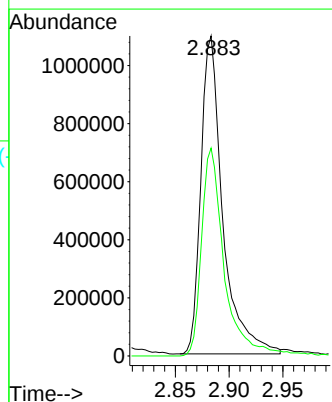
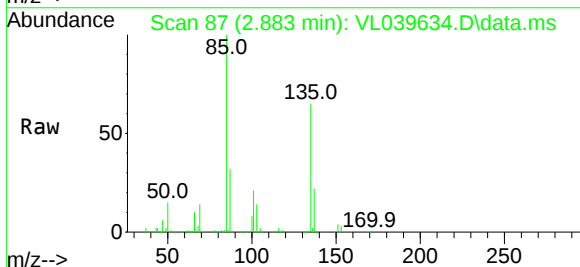
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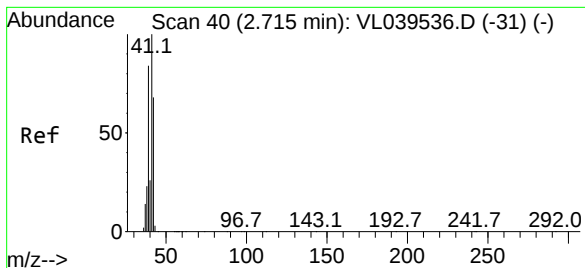
Tgt Ion: 64 Resp: 251267
Ion Ratio Lower Upper
64 100
66 30.7 24.7 37.1



#8
Dichlorotetrafluoroethane
Concen: 9.227 ppbv
RT: 2.883 min Scan# 87
Delta R.T. 0.007 min
Lab File: VL039634.D
Acq: 19 Sep 2022 14:43

Tgt Ion: 85 Resp: 1547598
Ion Ratio Lower Upper
85 100
135 69.1 59.0 88.4





#9

Propene

Concen: 9.264 ppbv

RT: 2.719 min Scan# 30

Delta R.T. 0.004 min

Lab File: VL039634.D

Acq: 19 Sep 2022 14:43

Instrument :

MSVOA_L

ClientSampleId :

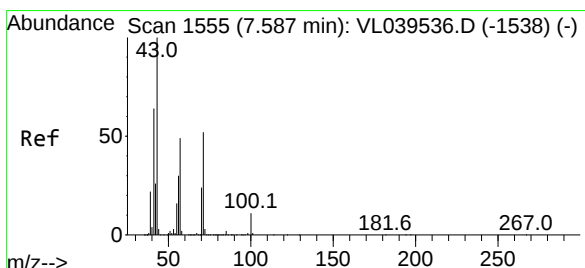
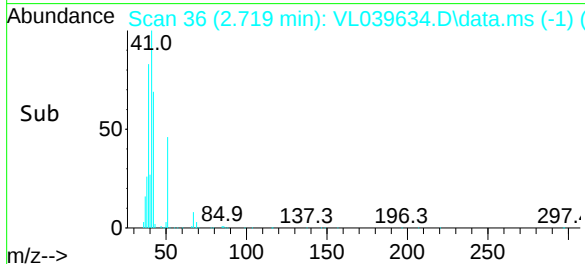
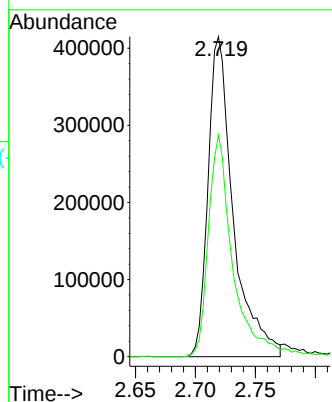
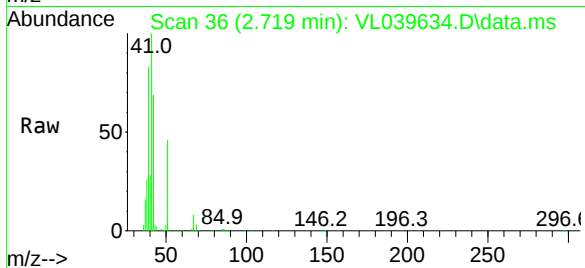
ICVVL091922

Tgt Ion: 41 Resp: 605552

Ion Ratio Lower Upper

41 100

42 68.7 55.2 82.8



#10

Heptane

Concen: 9.385 ppbv

RT: 7.597 min Scan# 1553

Delta R.T. 0.010 min

Lab File: VL039634.D

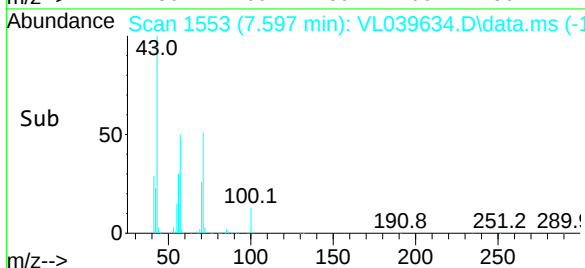
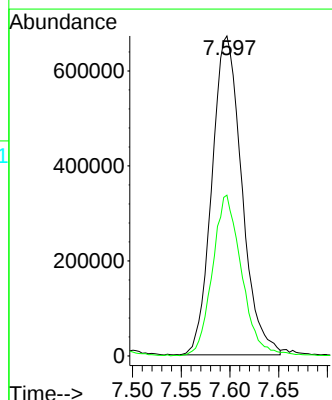
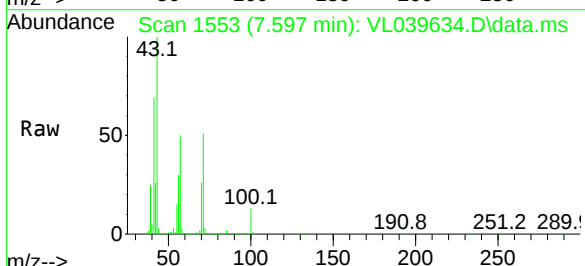
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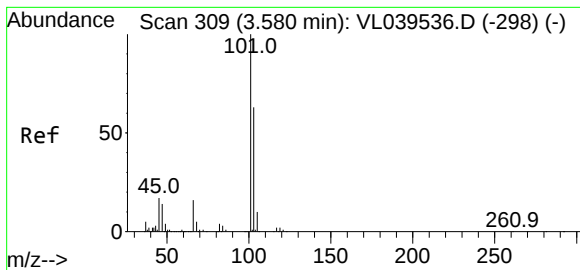
Tgt Ion: 43 Resp: 1431557

Ion Ratio Lower Upper

43 100

57 49.4 40.5 60.7

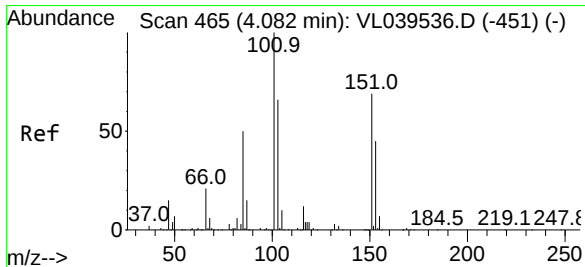
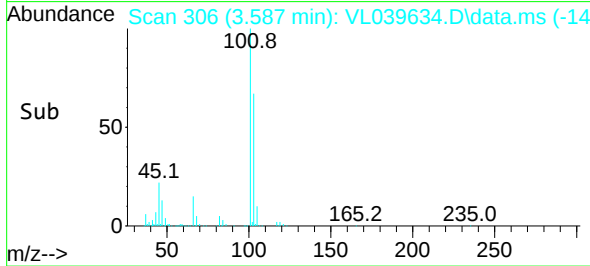
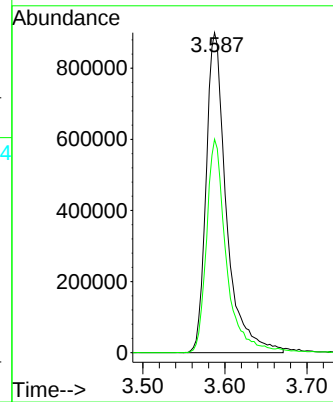
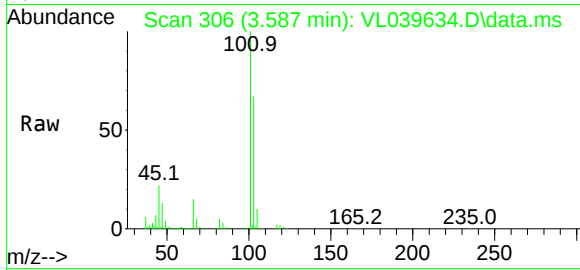




#11
 Trichlorofluoromethane
 Concen: 8.910 ppbv
 RT: 3.587 min Scan# 309
 Delta R.T. 0.007 min
 Lab File: VL039634.D
 Acq: 19 Sep 2022 14:43

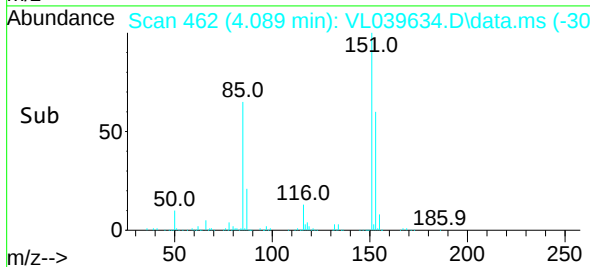
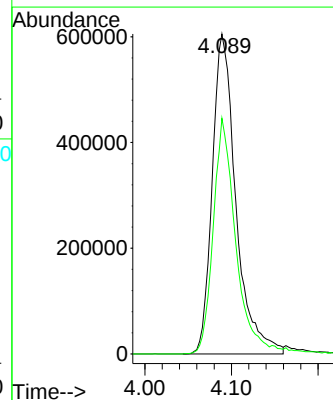
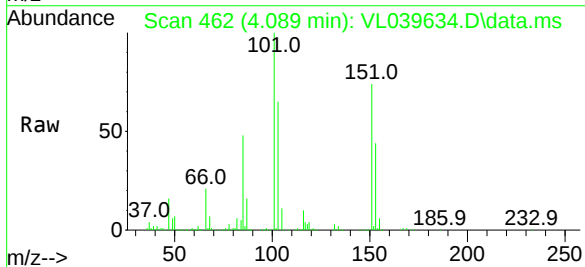
Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL091922

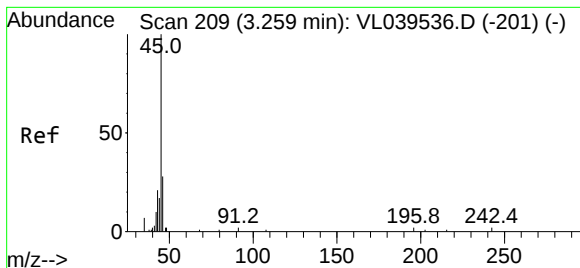
Tgt Ion:101 Resp: 1542806
 Ion Ratio Lower Upper
 101 100
 103 66.7 51.8 77.8



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 8.779 ppbv
 RT: 4.089 min Scan# 462
 Delta R.T. 0.007 min
 Lab File: VL039634.D
 Acq: 19 Sep 2022 14:43

Tgt Ion:101 Resp: 1148156
 Ion Ratio Lower Upper
 101 100
 151 71.7 58.9 88.3





#13

Ethanol

Concen: 4.178 ppbv

RT: 3.263 min Scan# 209

Delta R.T. 0.004 min

Lab File: VL039634.D

Acq: 19 Sep 2022 14:43

Instrument :

MSVOA_L

ClientSampleId :

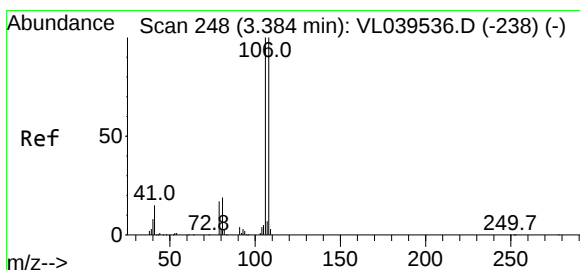
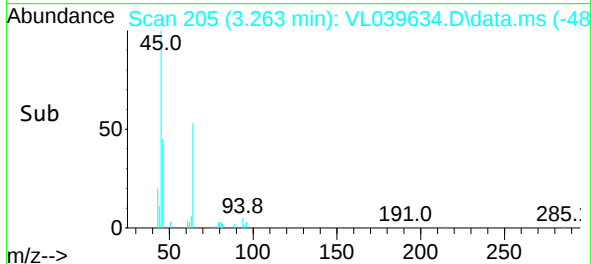
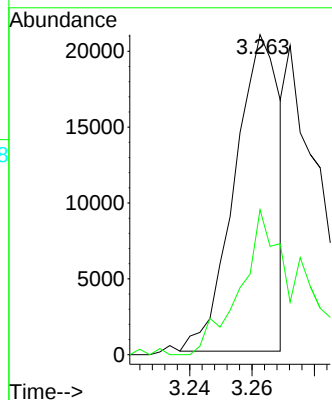
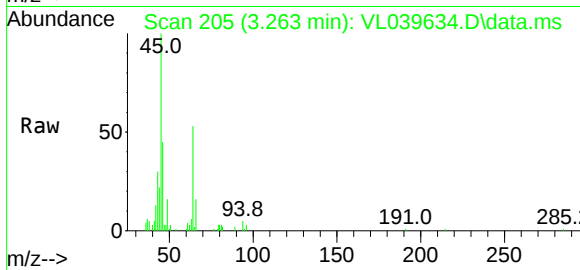
ICVVL091922

Tgt Ion: 45 Resp: 20811

Ion Ratio Lower Upper

45 100

46 76.6 22.8 91.2



#14

Bromoethene

Concen: 9.694 ppbv

RT: 3.391 min Scan# 245

Delta R.T. 0.007 min

Lab File: VL039634.D

Acq: 19 Sep 2022 14:43

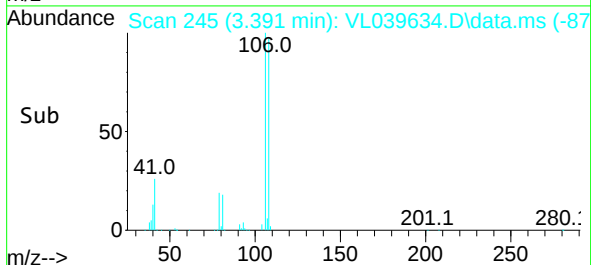
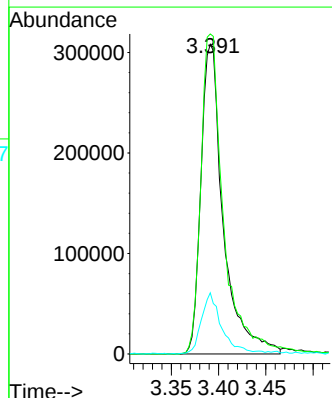
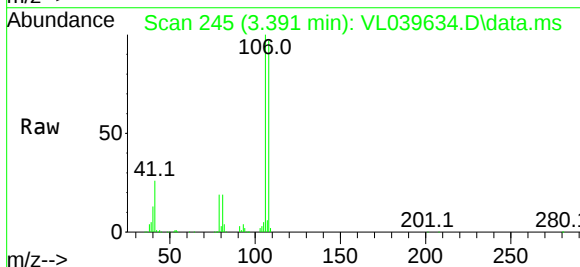
Tgt Ion: 108 Resp: 506120

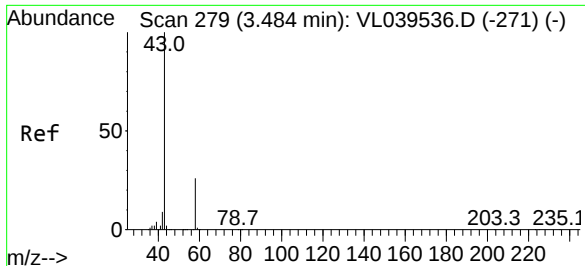
Ion Ratio Lower Upper

108 100

106 106.5 87.1 130.7

79 19.1 14.6 22.0

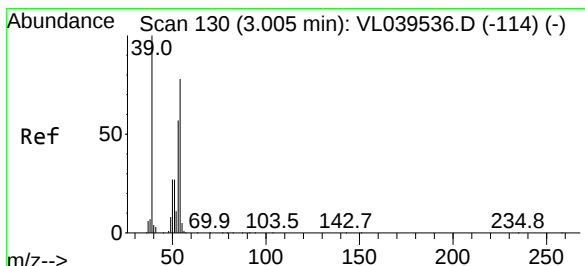
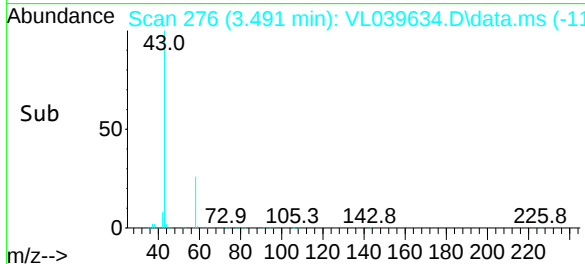
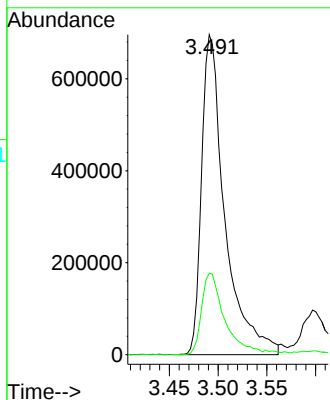
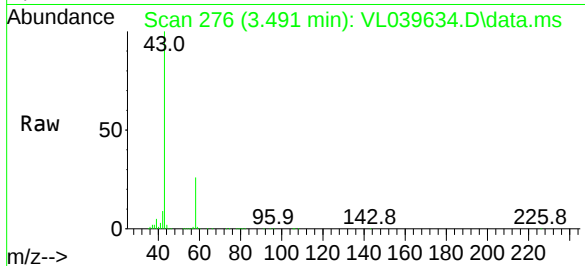




#15
Acetone
Concen: 8.619 ppbv
RT: 3.491 min Scan# 21
Delta R.T. 0.007 min
Lab File: VL039634.D
Acq: 19 Sep 2022 14:43

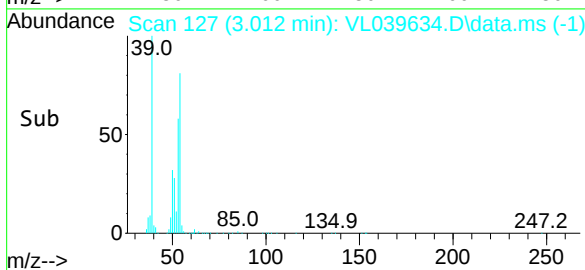
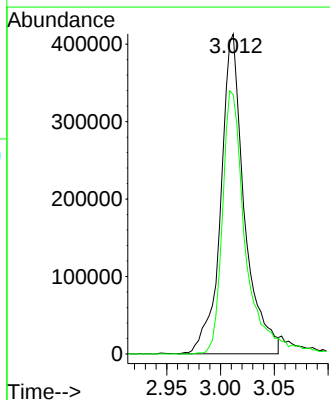
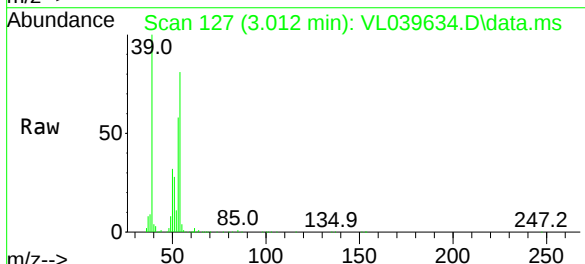
Instrument :
MSVOA_L
ClientSampleId :
ICVVL091922

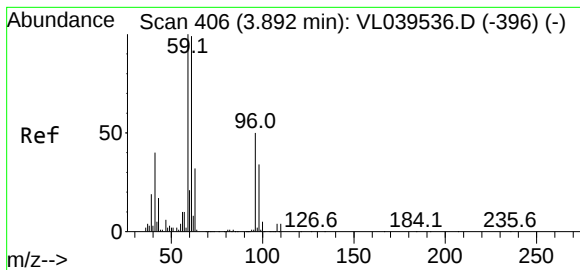
Tgt Ion: 43 Resp: 1156709
Ion Ratio Lower Upper
43 100
58 26.1 21.0 31.6



#16
1,3-Butadiene
Concen: 9.289 ppbv
RT: 3.012 min Scan# 127
Delta R.T. 0.007 min
Lab File: VL039634.D
Acq: 19 Sep 2022 14:43

Tgt Ion: 39 Resp: 632373
Ion Ratio Lower Upper
39 100
54 81.8 63.7 95.5

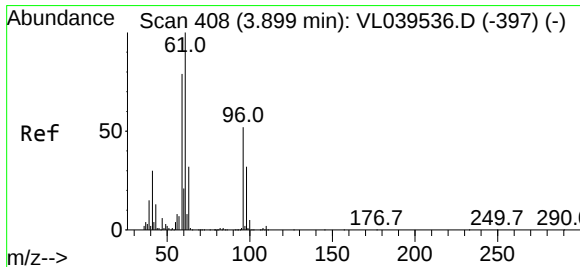
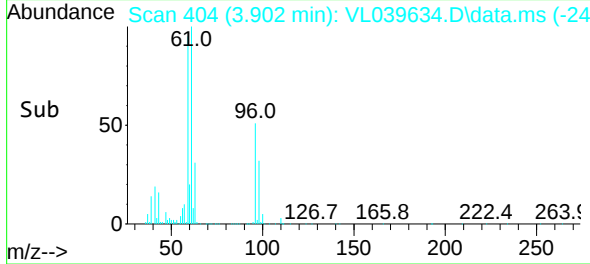
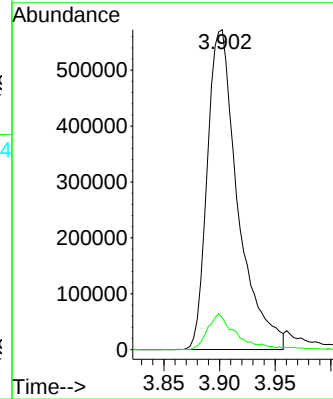
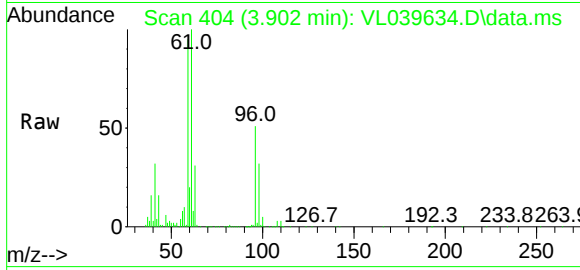




#17
tert-Butyl alcohol
Concen: 9.054 ppbv
RT: 3.902 min Scan# 404
Delta R.T. 0.010 min
Lab File: VL039634.D
Acq: 19 Sep 2022 14:43

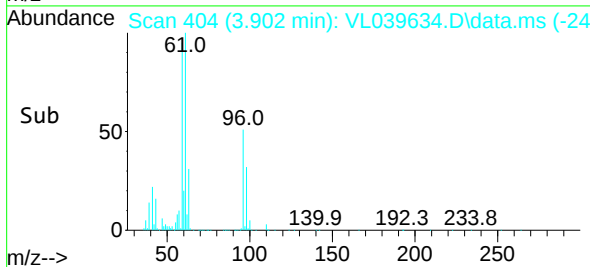
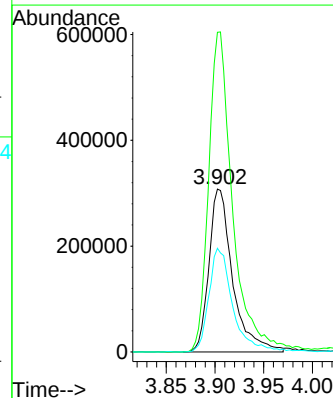
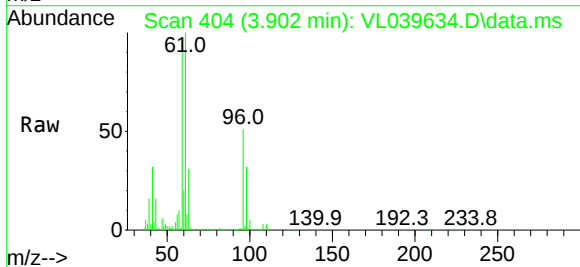
Instrument :
MSVOA_L
ClientSampleId :
ICVVL091922

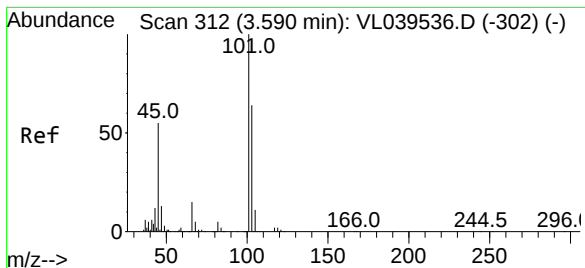
Tgt Ion: 59 Resp: 1090497
Ion Ratio Lower Upper
59 100
57 11.4 8.7 13.1



#18
1,1-Dichloroethene
Concen: 9.062 ppbv
RT: 3.902 min Scan# 404
Delta R.T. 0.004 min
Lab File: VL039634.D
Acq: 19 Sep 2022 14:43

Tgt Ion: 96 Resp: 521450
Ion Ratio Lower Upper
96 100
61 196.4 152.2 228.4
98 63.6 51.8 77.6

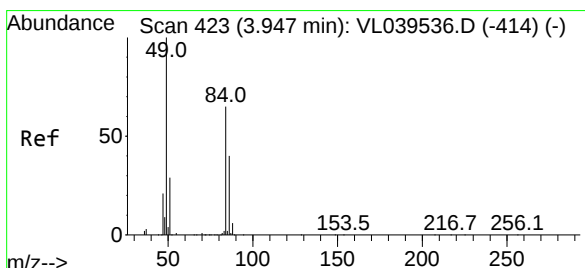
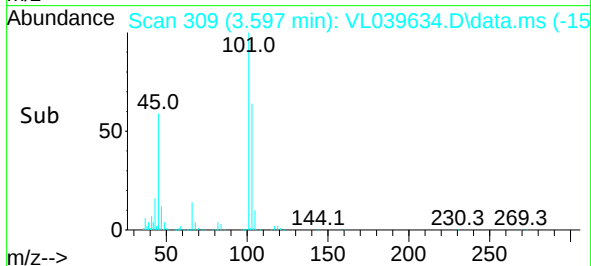
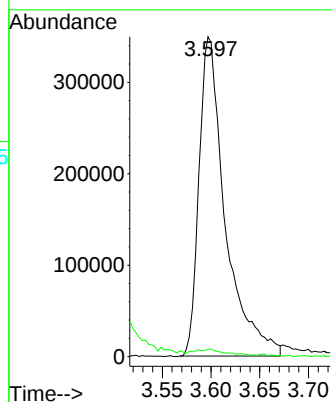
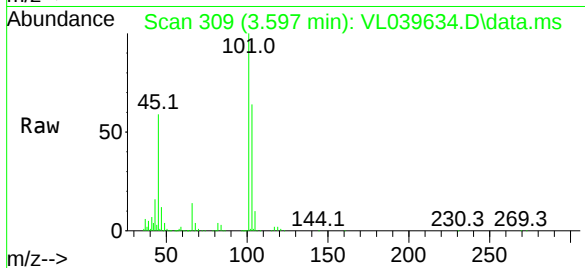




#19
Isopropyl Alcohol
Concen: 9.545 ppbv
RT: 3.597 min Scan# 309
Delta R.T. 0.007 min
Lab File: VL039634.D
Acq: 19 Sep 2022 14:43

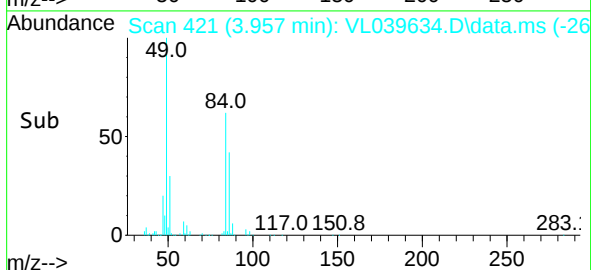
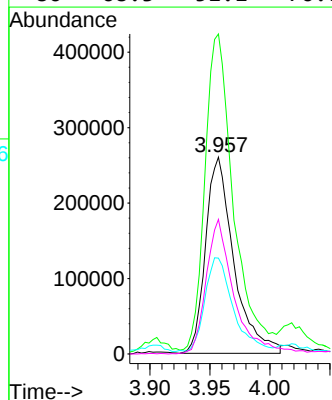
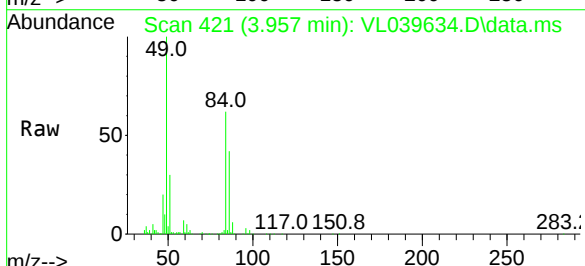
Instrument :
MSVOA_1
ClientSampleId :
ICVVL091922

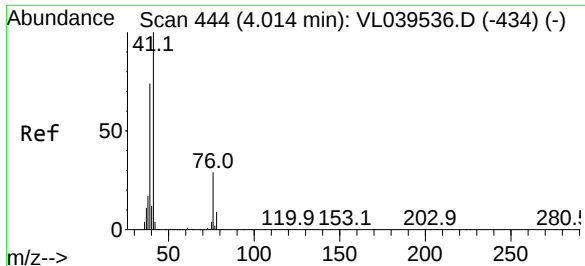
Tgt Ion: 45 Resp: 652935
Ion Ratio Lower Upper
45 100
58 3.3 3.2 4.8



#20
Methylene Chloride
Concen: 6.868 ppbv
RT: 3.957 min Scan# 421
Delta R.T. 0.010 min
Lab File: VL039634.D
Acq: 19 Sep 2022 14:43

Tgt Ion: 84 Resp: 426143
Ion Ratio Lower Upper
84 100
49 161.2 123.1 184.7
51 47.0 34.4 51.6
86 68.3 51.1 76.7

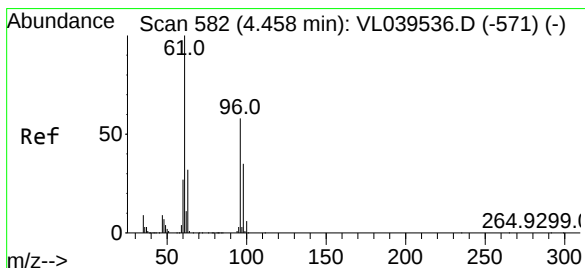
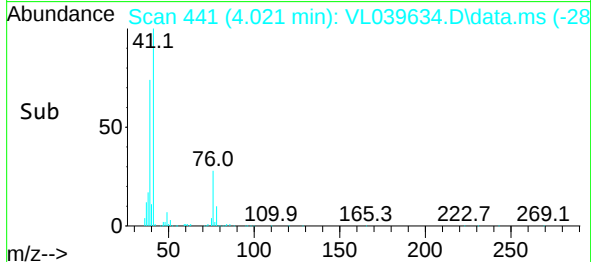
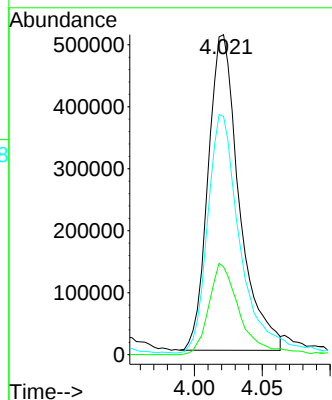
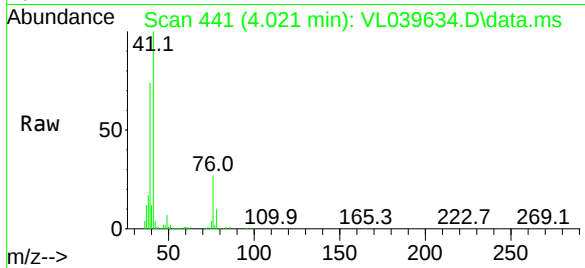




#21
 Allyl Chloride
 Concen: 8.923 ppbv
 RT: 4.021 min Scan# 444
 Delta R.T. 0.007 min
 Lab File: VL039634.D
 Acq: 19 Sep 2022 14:43

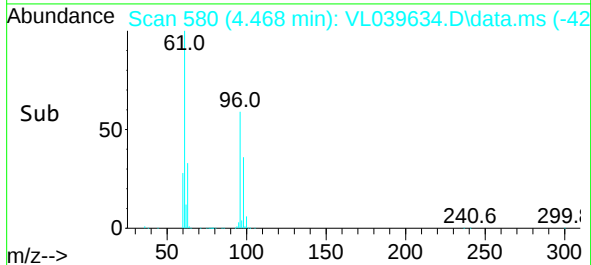
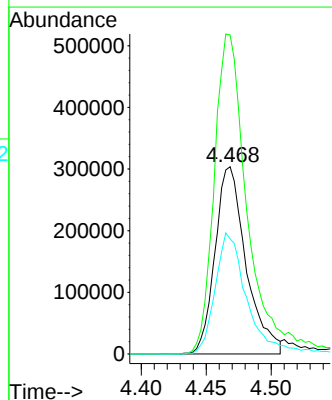
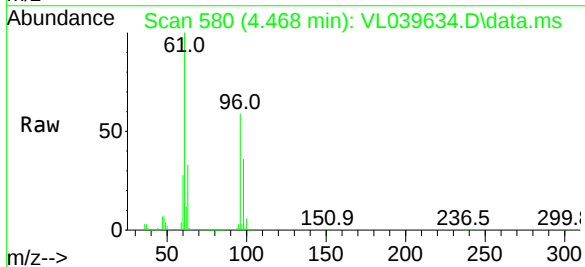
Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL091922

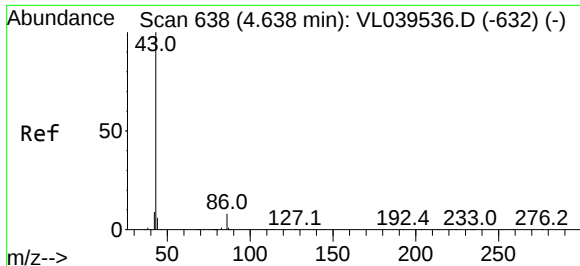
Tgt Ion: 41 Resp: 815464
 Ion Ratio Lower Upper
 41 100
 76 29.3 24.4 36.6
 39 79.9 63.5 95.3



#22
 trans-1,2-Dichloroethene
 Concen: 8.871 ppbv
 RT: 4.468 min Scan# 580
 Delta R.T. 0.010 min
 Lab File: VL039634.D
 Acq: 19 Sep 2022 14:43

Tgt Ion: 96 Resp: 504974
 Ion Ratio Lower Upper
 96 100
 61 170.4 130.6 195.8
 98 61.5 53.4 80.0



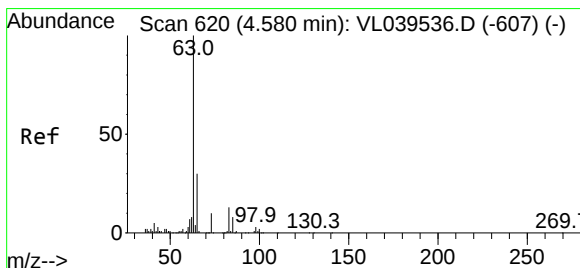
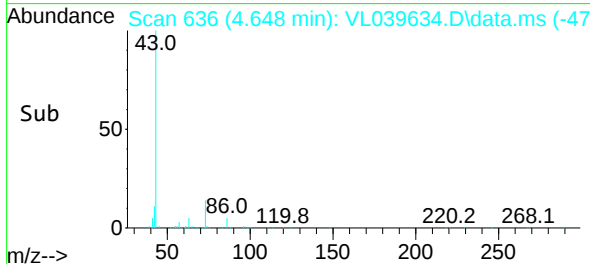
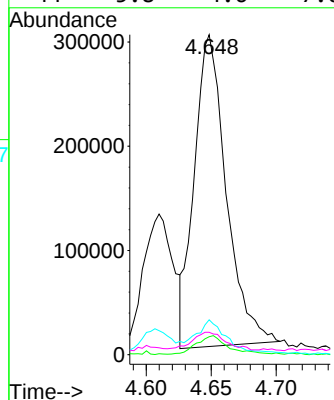
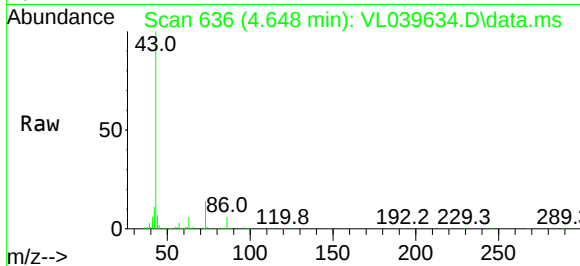


#23
 Vinyl Acetate
 Concen: 8.446 ppbv
 RT: 4.648 min Scan# 611
 Delta R.T. 0.010 min
 Lab File: VL039634.D
 Acq: 19 Sep 2022 14:43

Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL091922

Tgt Ion: 43 Resp: 512424

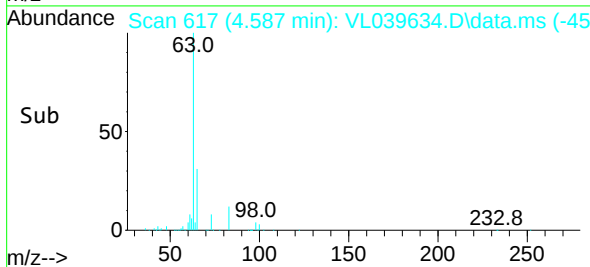
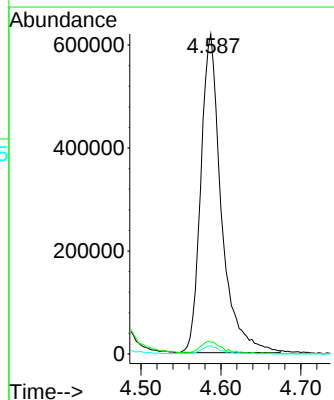
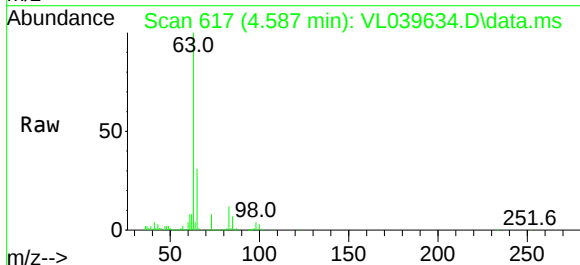
Ion	Ratio	Lower	Upper
43	100		
86	5.5	5.0	7.6
42	10.7	7.7	11.5
44	5.8	4.6	7.0

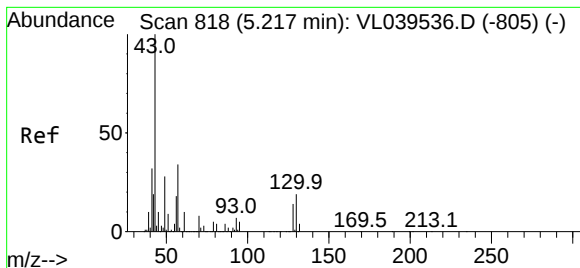


#24
 1,1-Dichloroethane
 Concen: 9.151 ppbv
 RT: 4.587 min Scan# 617
 Delta R.T. 0.007 min
 Lab File: VL039634.D
 Acq: 19 Sep 2022 14:43

Tgt Ion: 63 Resp: 1105584

Ion	Ratio	Lower	Upper
63	100		
98	3.5	1.8	5.3
100	2.6	1.5	4.4





#25

Ethyl Acetate

Concen: 9.012 ppbv

RT: 5.224 min Scan# 818

Delta R.T. 0.007 min

Lab File: VL039634.D

Acq: 19 Sep 2022 14:43

Instrument :

MSVOA_L

ClientSampleId :

ICVVL091922

Tgt Ion: 43 Resp: 2637178

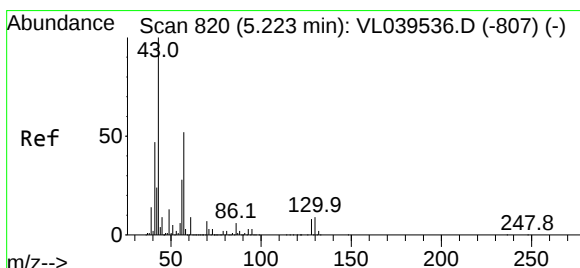
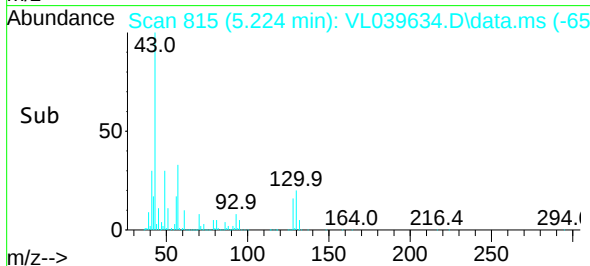
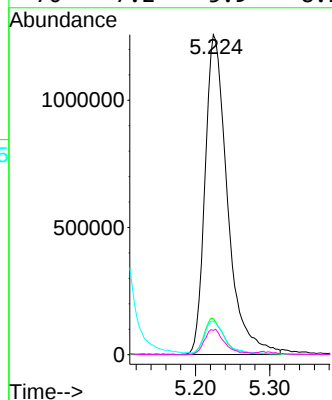
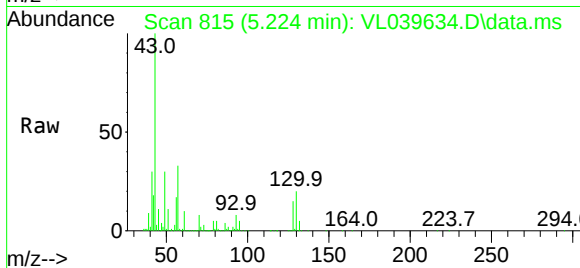
Ion Ratio Lower Upper

43 100

45 10.6 8.2 12.4

61 10.9 8.3 12.5

70 7.2 5.9 8.9



#26

Hexane

Concen: 8.733 ppbv

RT: 5.234 min Scan# 818

Delta R.T. 0.010 min

Lab File: VL039634.D

Acq: 19 Sep 2022 14:43

Tgt Ion: 57 Resp: 1084471

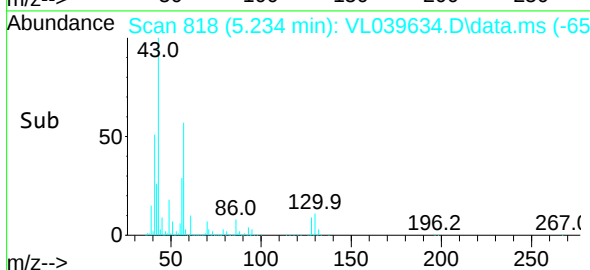
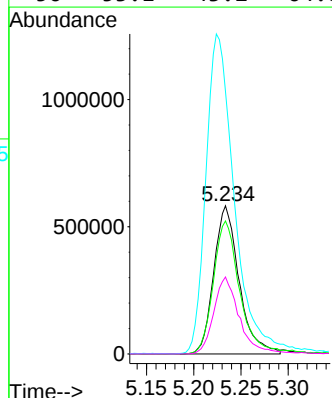
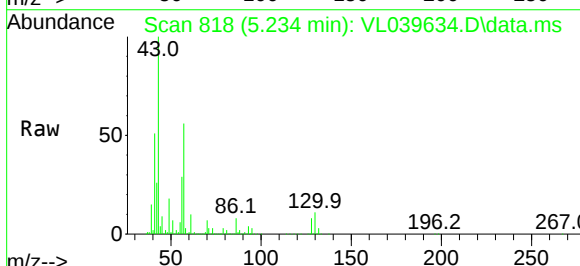
Ion Ratio Lower Upper

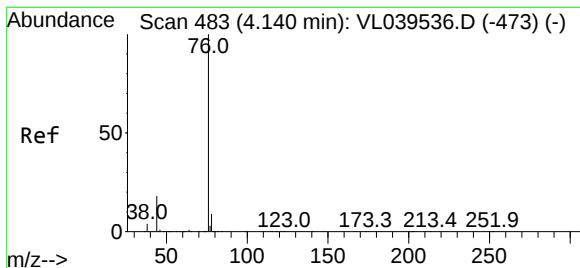
57 100

41 95.3 76.9 115.3

43 247.3 191.0 286.6

56 53.1 43.2 64.8





#27

Carbon Disulfide

Concen: 10.018 ppbv

RT: 4.147 min Scan# 483

Delta R.T. 0.007 min

Lab File: VL039634.D

Acq: 19 Sep 2022 14:43

Instrument :

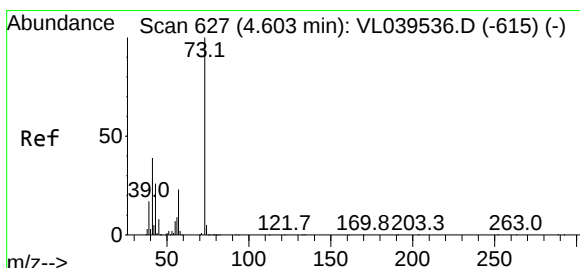
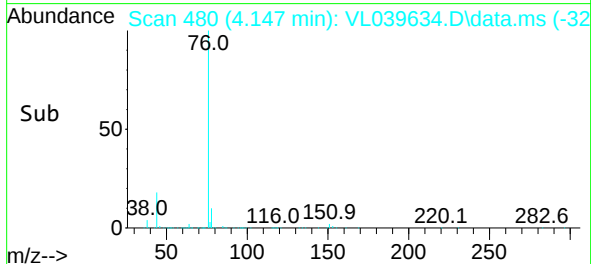
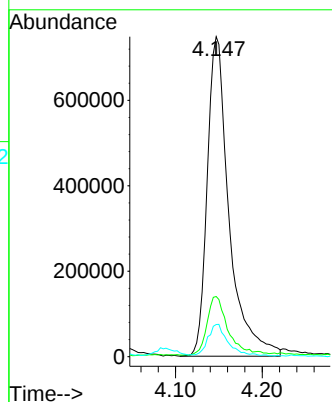
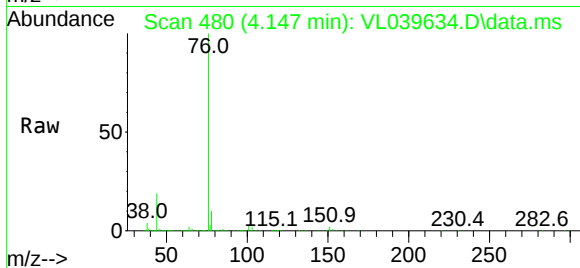
MSVOA_L

ClientSampleId :

ICVVL091922

Tgt Ion: 76 Resp: 1307454

Ion	Ratio	Lower	Upper
76	100		
44	18.4	14.6	21.8
78	9.8	7.8	11.6



#28

Methyl tert-Butyl Ether

Concen: 8.926 ppbv

RT: 4.610 min Scan# 624

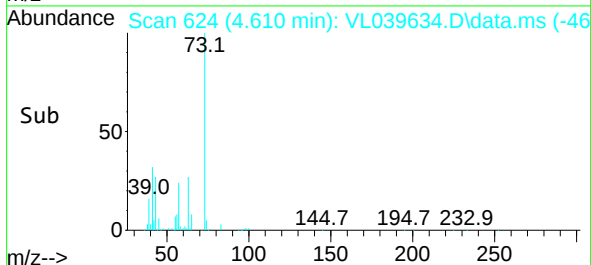
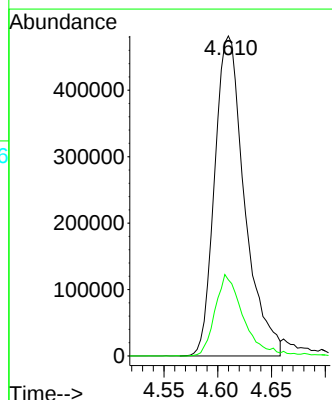
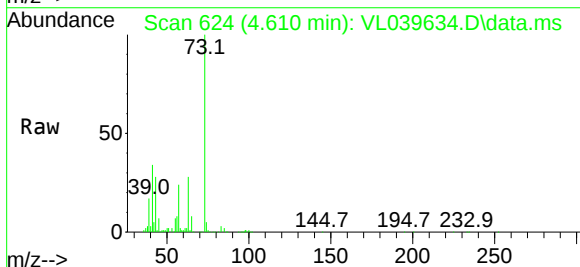
Delta R.T. 0.007 min

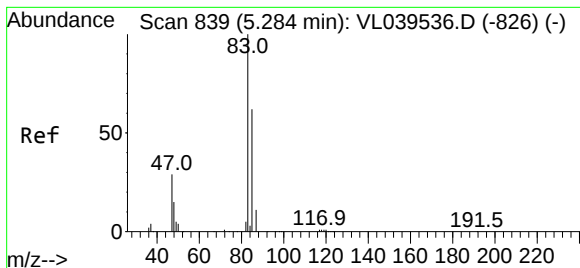
Lab File: VL039634.D

Acq: 19 Sep 2022 14:43

Tgt Ion: 73 Resp: 931257

Ion	Ratio	Lower	Upper
73	100		
57	24.8	19.8	29.8

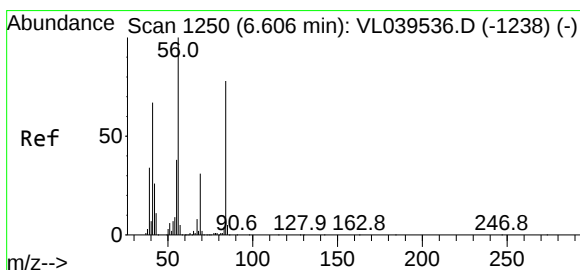
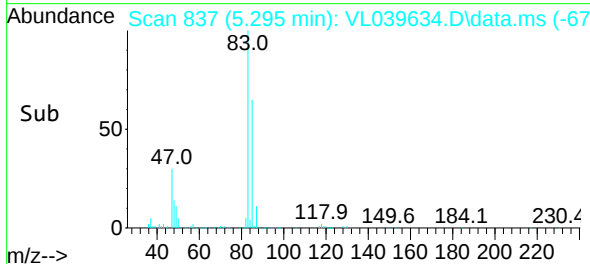
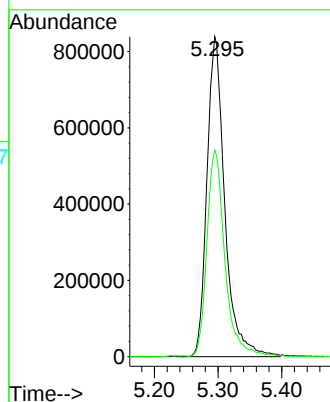
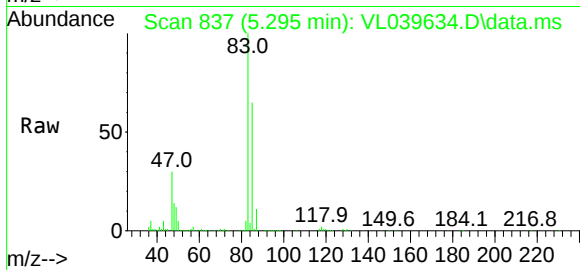




#29
Chloroform
Concen: 9.108 ppbv
RT: 5.295 min Scan# 81
Delta R.T. 0.010 min
Lab File: VL039634.D
Acq: 19 Sep 2022 14:43

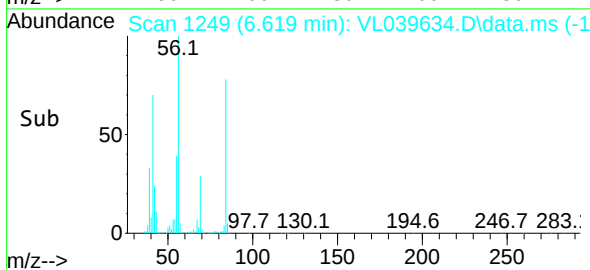
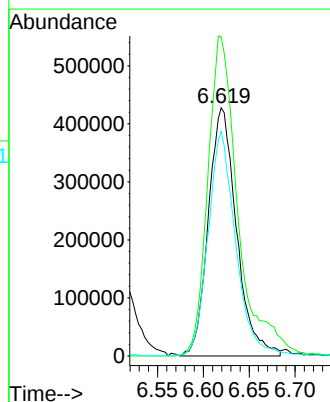
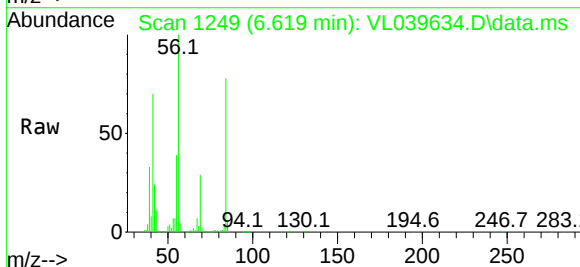
Instrument :
MSVOA_L
ClientSampleId :
ICVVL091922

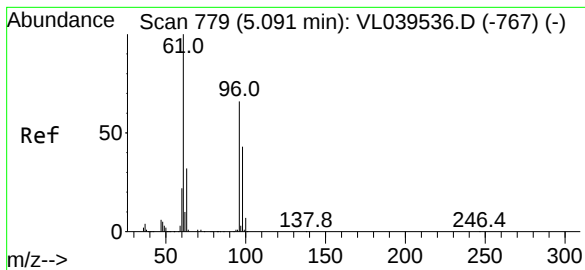
Tgt Ion: 83 Resp: 1632831
Ion Ratio Lower Upper
83 100
85 64.4 52.8 79.2



#30
Cyclohexane
Concen: 9.495 ppbv
RT: 6.619 min Scan# 1249
Delta R.T. 0.013 min
Lab File: VL039634.D
Acq: 19 Sep 2022 14:43

Tgt Ion: 84 Resp: 913112
Ion Ratio Lower Upper
84 100
56 139.2 107.7 161.5
41 89.6 67.7 101.5



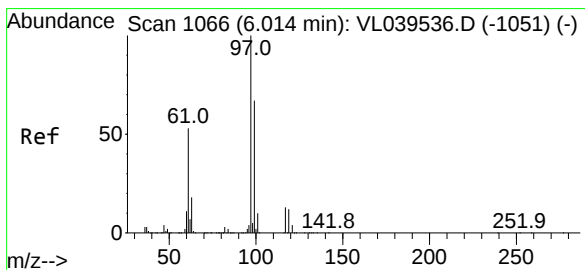
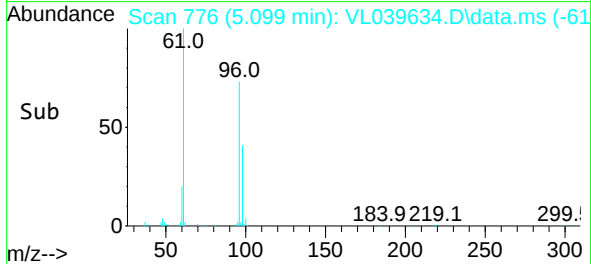
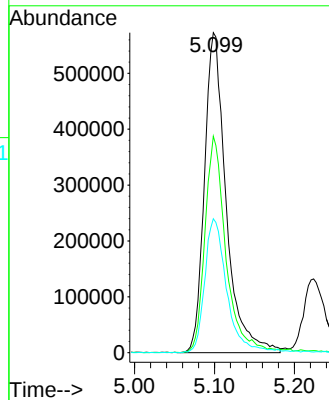
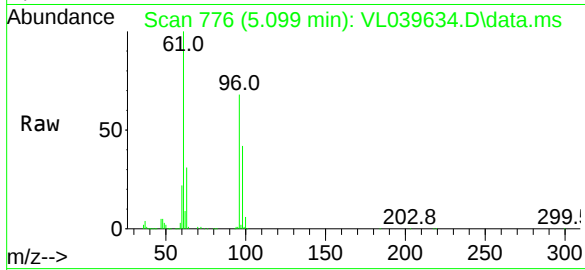


#31
 cis-1,2-Dichloroethene
 Concen: 9.643 ppbv
 RT: 5.099 min Scan# 71
 Delta R.T. 0.007 min
 Lab File: VL039634.D
 Acq: 19 Sep 2022 14:43

Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL091922

Tgt Ion: 61 Resp: 1083124

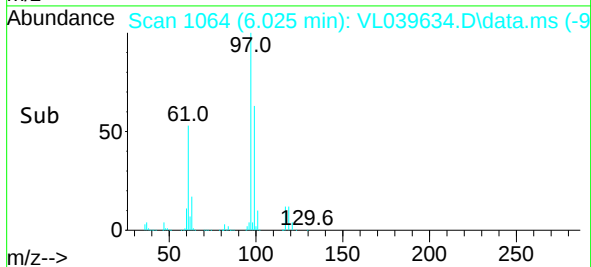
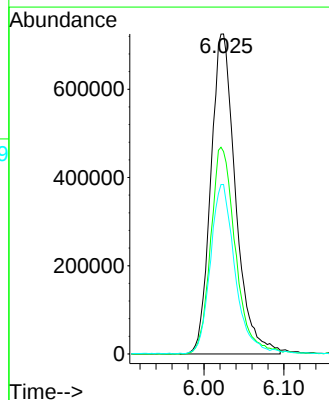
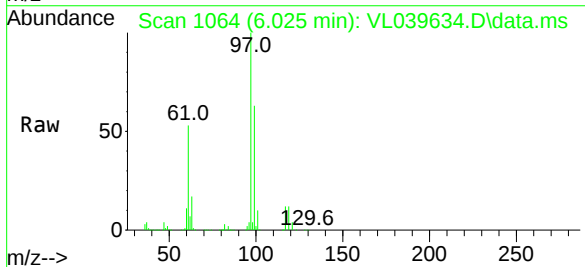
Ion	Ratio	Lower	Upper
61	100		
96	67.6	54.1	81.1
98	41.8	34.6	52.0

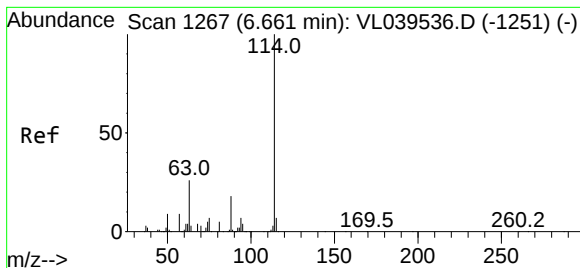


#32
 1,1,1-Trichloroethane
 Concen: 9.609 ppbv
 RT: 6.025 min Scan# 1064
 Delta R.T. 0.010 min
 Lab File: VL039634.D
 Acq: 19 Sep 2022 14:43

Tgt Ion: 97 Resp: 1559628

Ion	Ratio	Lower	Upper
97	100		
99	65.1	52.3	78.5
61	53.1	40.9	61.3





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.671 min Scan# 11

Delta R.T. 0.010 min

Lab File: VL039634.D

Acq: 19 Sep 2022 14:43

Instrument :

MSVOA_L

ClientSampleId :

ICVVL091922

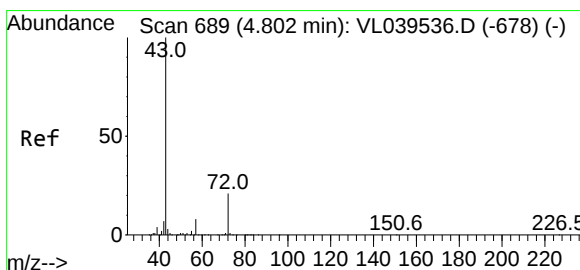
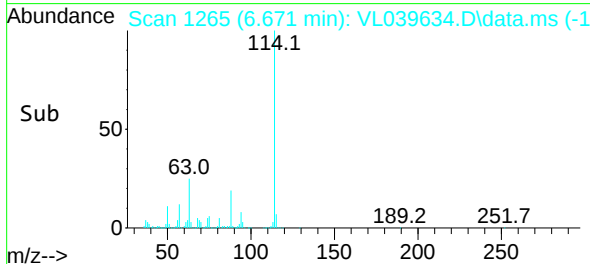
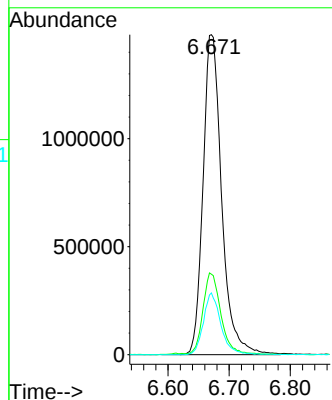
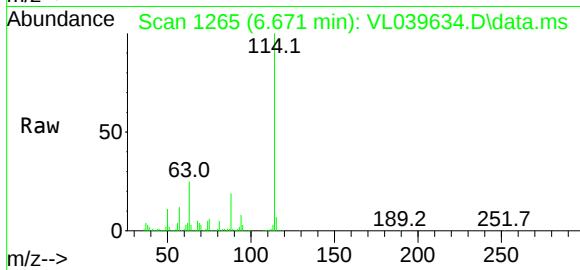
Tgt Ion:114 Resp: 3136801

Ion Ratio Lower Upper

114 100

63 25.3 20.2 30.4

88 18.2 14.5 21.7



#34

2-Butanone

Concen: 9.686 ppbv

RT: 4.809 min Scan# 686

Delta R.T. 0.007 min

Lab File: VL039634.D

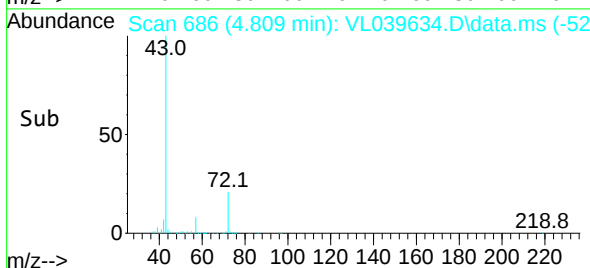
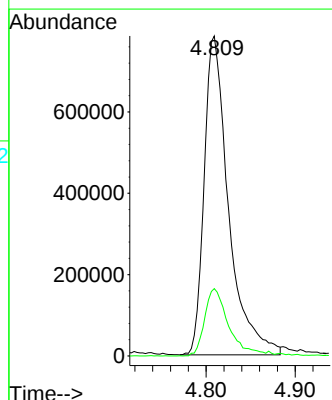
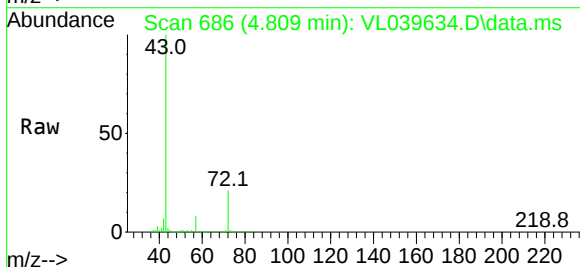
Acq: 19 Sep 2022 14:43

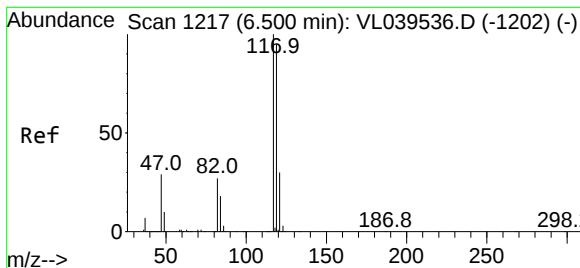
Tgt Ion: 43 Resp: 1492391

Ion Ratio Lower Upper

43 100

72 21.9 17.9 26.9

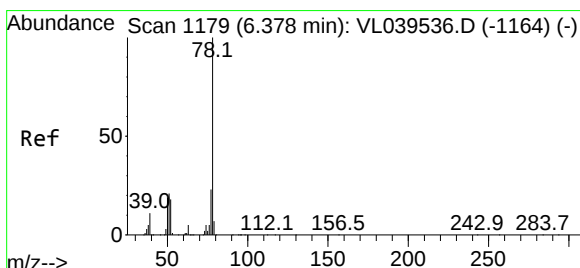
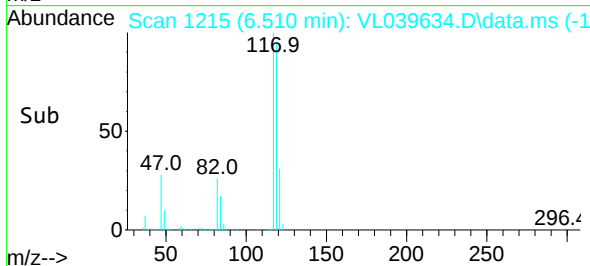
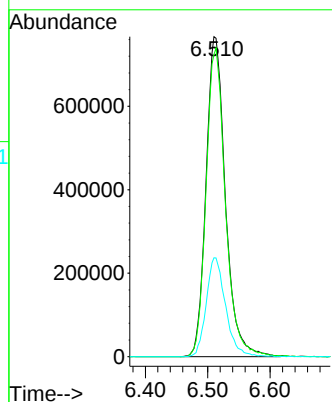
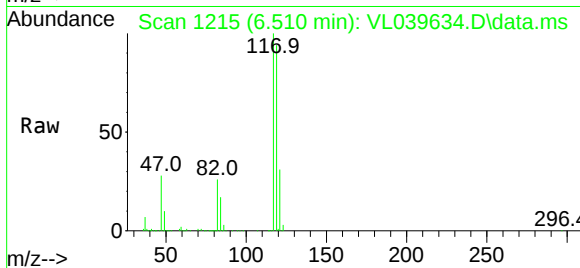




#35
Carbon Tetrachloride
Concen: 9.944 ppbv
RT: 6.510 min Scan# 117
Delta R.T. 0.010 min
Lab File: VL039634.D
Acq: 19 Sep 2022 14:43

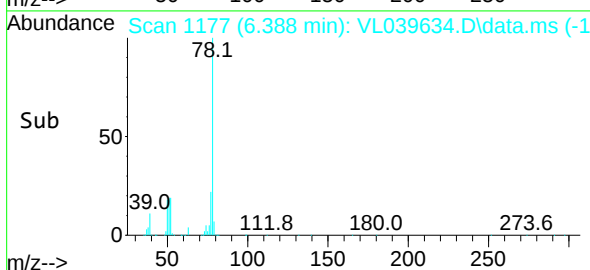
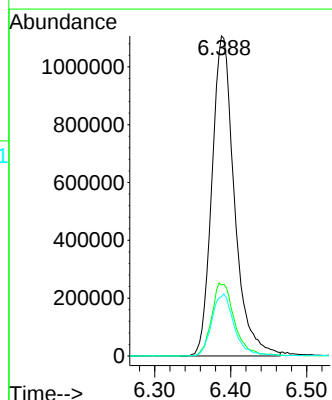
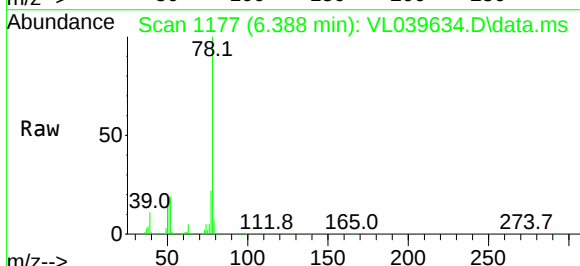
Instrument :
MSVOA_L
ClientSampleId :
ICVVL091922

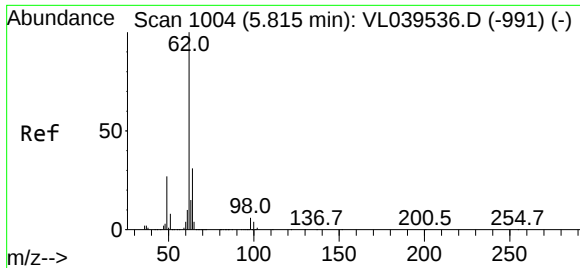
Tgt Ion:117 Resp: 1655931
Ion Ratio Lower Upper
117 100
119 94.4 75.4 113.2
121 30.9 24.2 36.2



#36
Benzene
Concen: 9.466 ppbv
RT: 6.388 min Scan# 1177
Delta R.T. 0.010 min
Lab File: VL039634.D
Acq: 19 Sep 2022 14:43

Tgt Ion: 78 Resp: 2270076
Ion Ratio Lower Upper
78 100
77 22.2 20.3 30.5
50 18.5 15.5 23.3





#37
1,2-Dichloroethane
Concen: 9.410 ppbv
RT: 5.825 min Scan# 1002
Delta R.T. 0.010 min
Lab File: VL039634.D
Acq: 19 Sep 2022 14:43

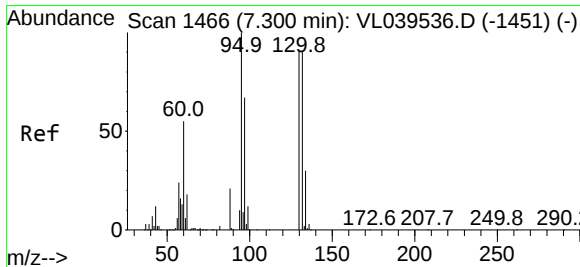
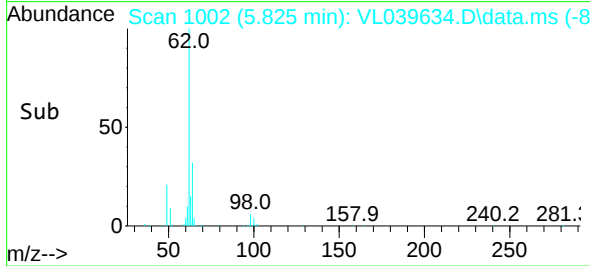
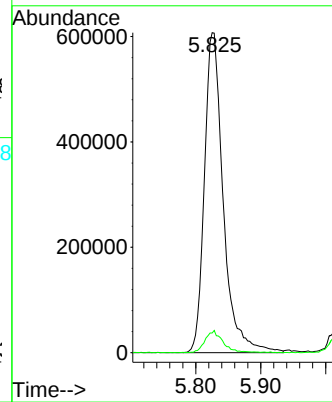
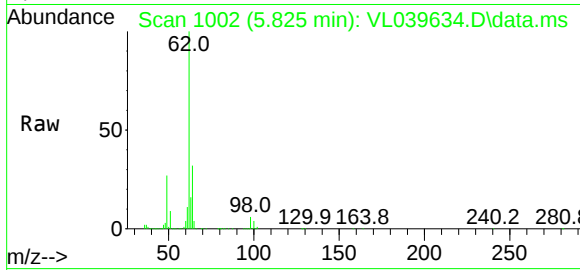
Instrument :

MSVOA_L

ClientSampleId :

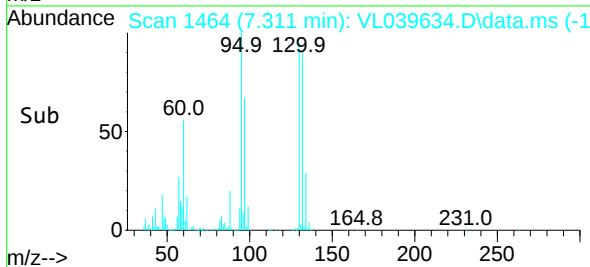
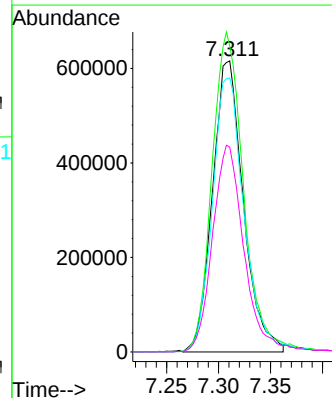
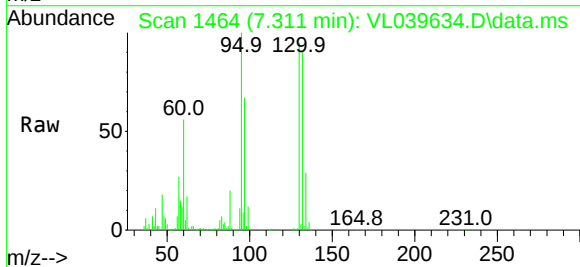
ICVVL091922

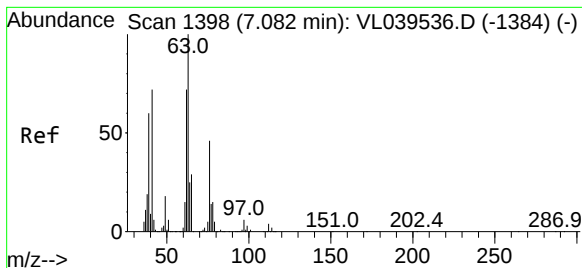
Tgt Ion: 62 Resp: 1228265
Ion Ratio Lower Upper
62 100
98 6.6 5.1 7.7



#38
Trichloroethene
Concen: 9.815 ppbv
RT: 7.311 min Scan# 1464
Delta R.T. 0.010 min
Lab File: VL039634.D
Acq: 19 Sep 2022 14:43

Tgt Ion:130 Resp: 1272100
Ion Ratio Lower Upper
130 100
95 104.7 87.3 130.9
132 93.8 76.7 115.1
97 70.2 56.5 84.7

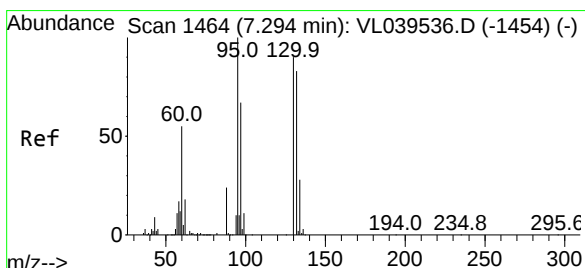
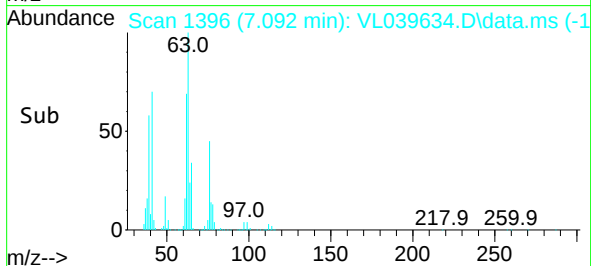
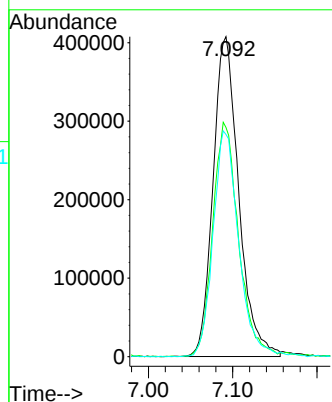
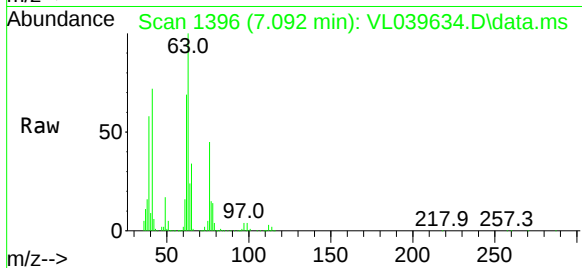




#39
1,2-Dichloropropane
Concen: 9.305 ppbv
RT: 7.092 min Scan# 11
Delta R.T. 0.010 min
Lab File: VL039634.D
Acq: 19 Sep 2022 14:43

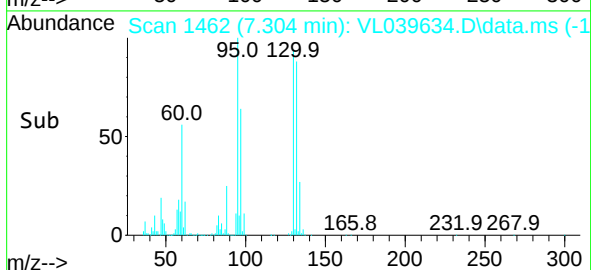
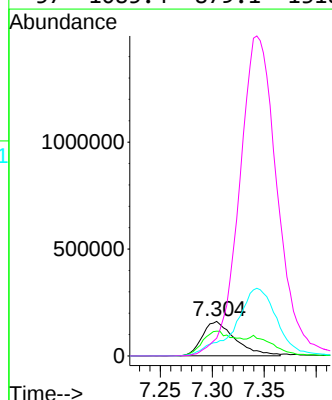
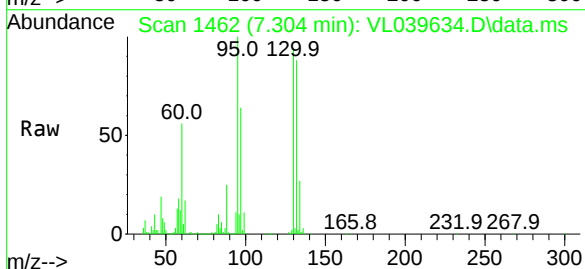
Instrument :
MSVOA_L
ClientSampleId :
ICVVL091922

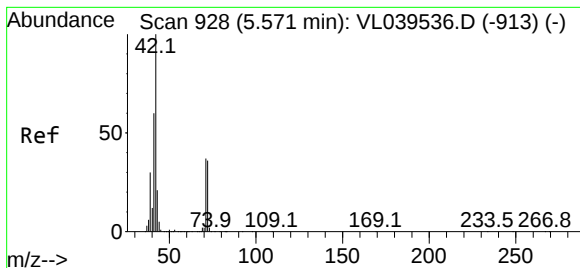
Tgt Ion: 63 Resp: 861669
Ion Ratio Lower Upper
63 100
41 71.6 59.6 89.4
62 69.4 51.4 77.0



#40
1,4-Dioxane
Concen: 9.320 ppbv
RT: 7.304 min Scan# 1462
Delta R.T. 0.010 min
Lab File: VL039634.D
Acq: 19 Sep 2022 14:43

Tgt Ion: 88 Resp: 352424
Ion Ratio Lower Upper
88 100
58 123.4 100.2 150.4
43 254.8 205.8 308.6
57 1085.4 879.1 1318.7

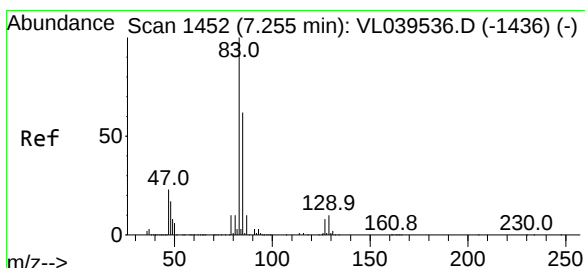
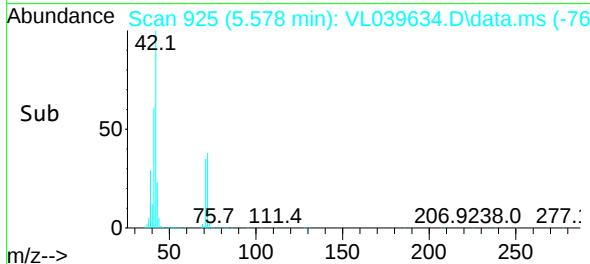
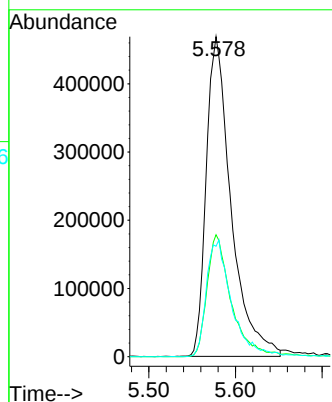
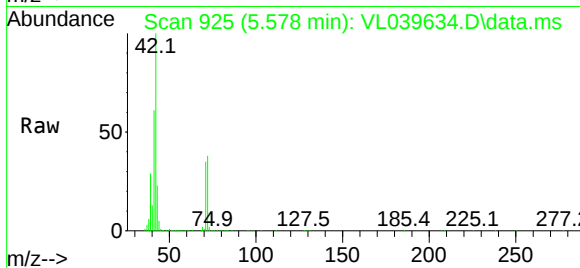




#41
Tetrahydrofuran
Concen: 9.863 ppbv
RT: 5.578 min Scan# 91
Delta R.T. 0.007 min
Lab File: VL039634.D
Acq: 19 Sep 2022 14:43

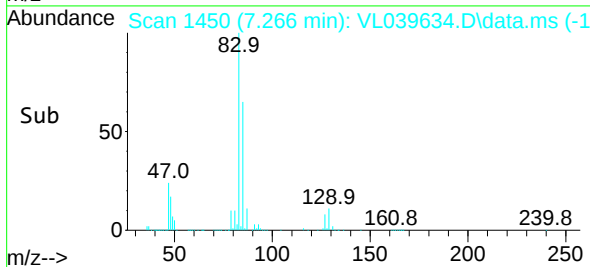
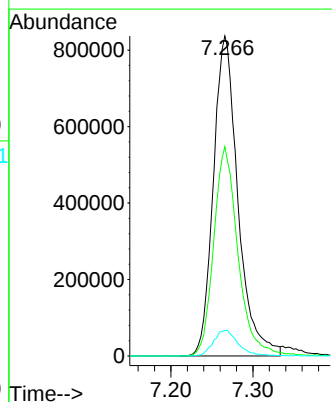
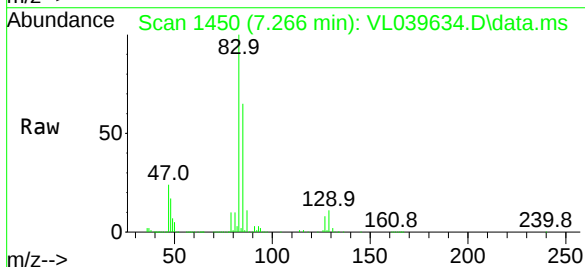
Instrument :
MSVOA_L
ClientSampleId :
ICVVL091922

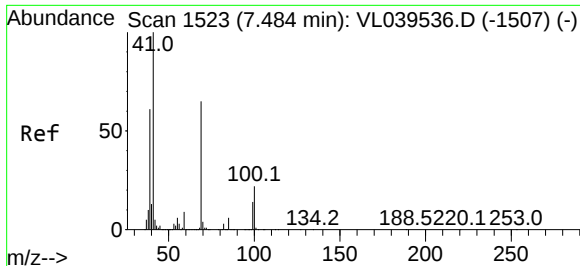
Tgt Ion: 42 Resp: 932315
Ion Ratio Lower Upper
42 100
72 37.7 31.8 47.8
71 37.6 31.8 47.8



#42
Bromodichloromethane
Concen: 9.607 ppbv
RT: 7.266 min Scan# 1450
Delta R.T. 0.010 min
Lab File: VL039634.D
Acq: 19 Sep 2022 14:43

Tgt Ion: 83 Resp: 1744171
Ion Ratio Lower Upper
83 100
85 65.4 50.7 76.1
127 8.0 6.6 9.8

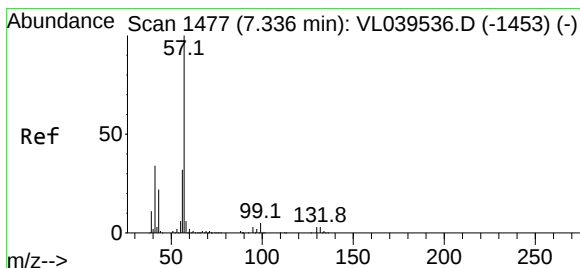
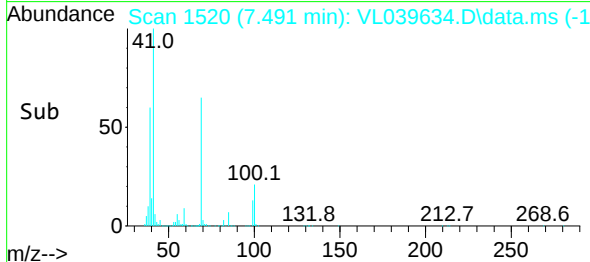
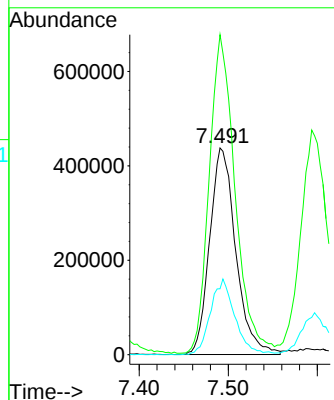
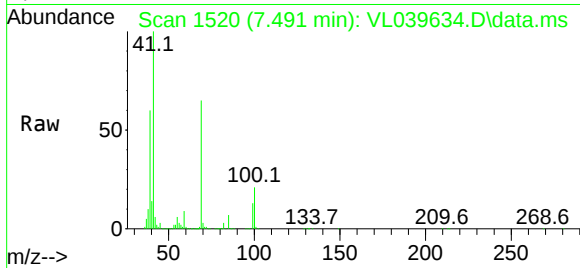




#43
Methyl Methacrylate
Concen: 10.217 ppbv
RT: 7.491 min Scan# 11
Delta R.T. 0.007 min
Lab File: VL039634.D
Acq: 19 Sep 2022 14:43

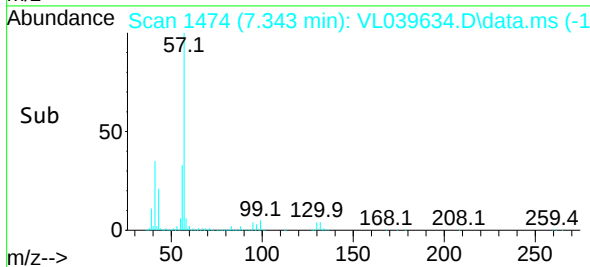
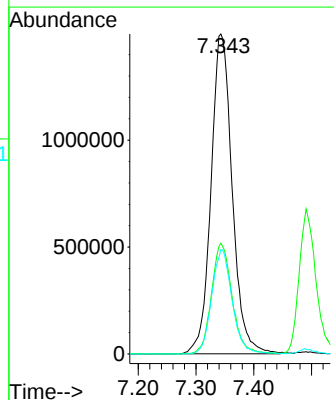
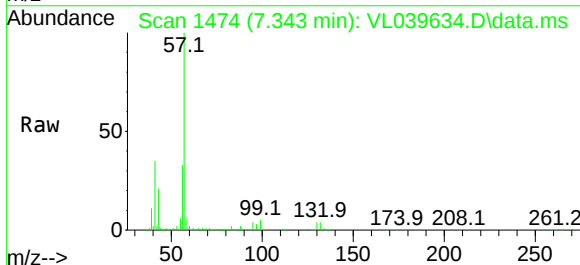
Instrument :
MSVOA_L
ClientSampleId :
ICVVL091922

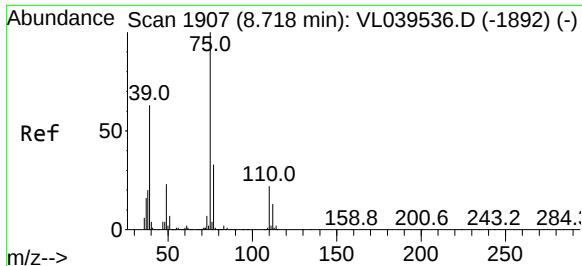
Tgt Ion: 69 Resp: 893213
Ion Ratio Lower Upper
69 100
41 154.0 120.8 181.2
100 34.4 27.8 41.6



#44
2,2,4-Trimethylpentane
Concen: 9.219 ppbv
RT: 7.343 min Scan# 1474
Delta R.T. 0.007 min
Lab File: VL039634.D
Acq: 19 Sep 2022 14:43

Tgt Ion: 57 Resp: 3810497
Ion Ratio Lower Upper
57 100
41 33.7 27.4 41.2
56 31.5 24.5 36.7





#45

t-1,3-Dichloropropene

Concen: 11.514 ppbv

RT: 8.722 min Scan# 1907

Delta R.T. 0.004 min

Lab File: VL039634.D

Acq: 19 Sep 2022 14:43

Instrument :

MSVOA_L

ClientSampleId :

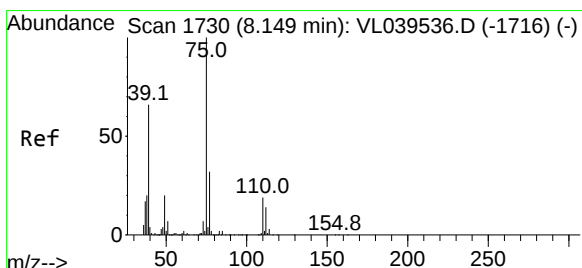
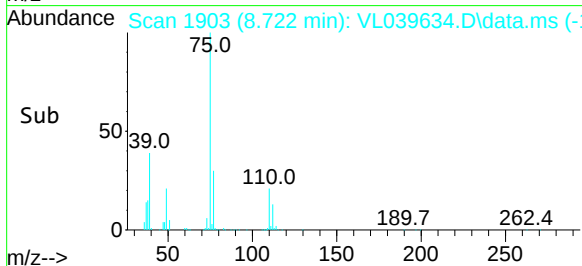
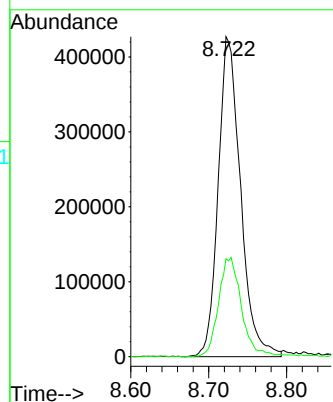
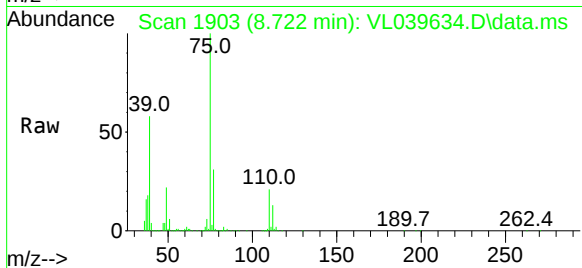
ICVVL091922

Tgt Ion: 75 Resp: 850543

Ion Ratio Lower Upper

75 100

77 30.6 24.6 36.8



#46

cis-1,3-Dichloropropene

Concen: 10.863 ppbv

RT: 8.159 min Scan# 1728

Delta R.T. 0.010 min

Lab File: VL039634.D

Acq: 19 Sep 2022 14:43

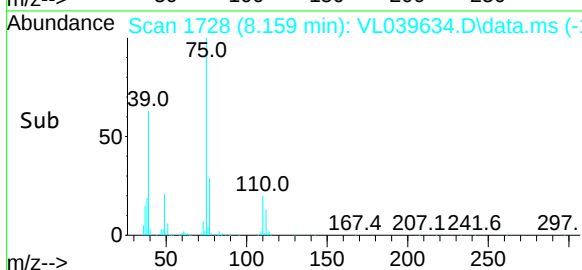
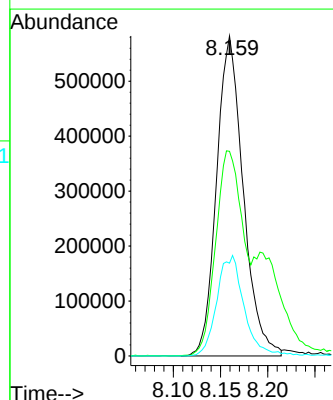
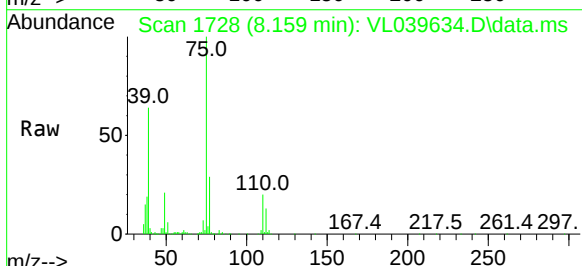
Tgt Ion: 75 Resp: 1142435

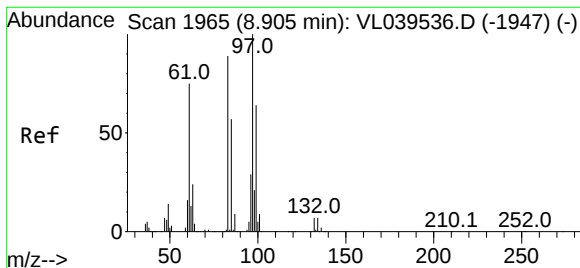
Ion Ratio Lower Upper

75 100

39 63.9 55.0 82.4

77 29.0 25.7 38.5





#47

1,1,2-Trichloroethane

Concen: 8.997 ppbv

RT: 8.915 min Scan# 1963

Delta R.T. 0.010 min

Lab File: VL039634.D

Acq: 19 Sep 2022 14:43

Instrument :

MSVOA_L

ClientSampleId :

ICVVL091922

Tgt Ion: 97 Resp: 910677

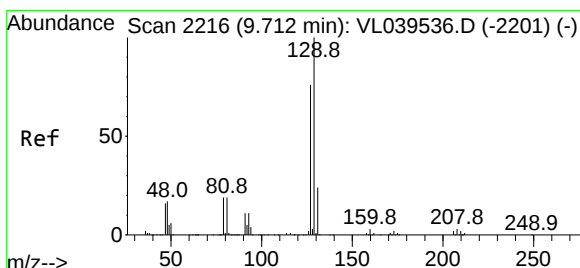
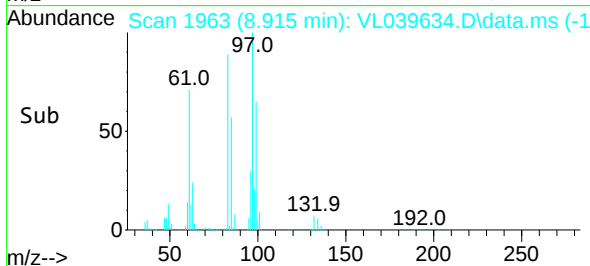
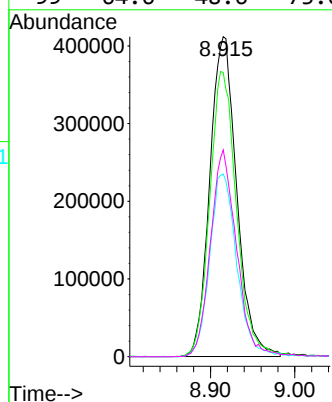
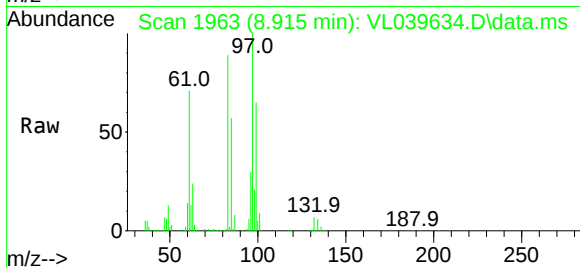
Ion Ratio Lower Upper

97 100

83 88.7 67.4 101.0

85 57.2 45.1 67.7

99 64.6 48.6 73.0



#48

Dibromochloromethane

Concen: 9.731 ppbv

RT: 9.725 min Scan# 2215

Delta R.T. 0.013 min

Lab File: VL039634.D

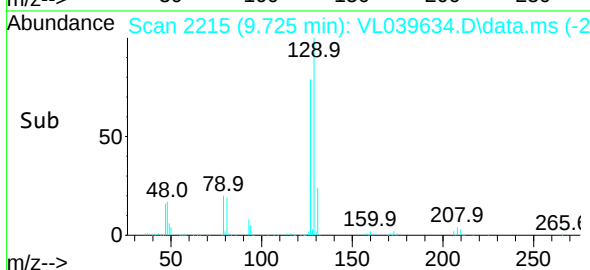
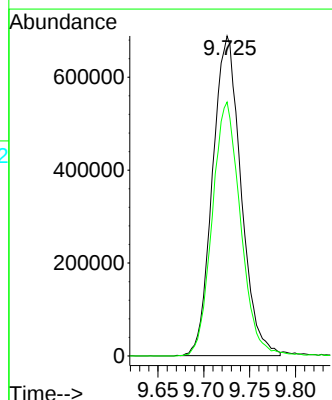
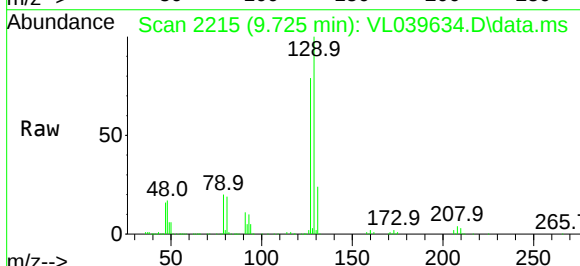
Acq: 19 Sep 2022 14:43

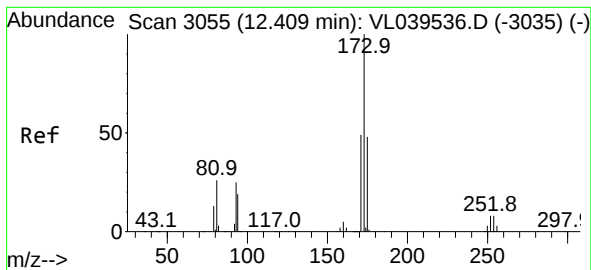
Tgt Ion: 129 Resp: 1483316

Ion Ratio Lower Upper

129 100

127 79.7 39.3 117.9





#49

Bromoform

Concen: 9.674 ppbv

RT: 12.423 min Scan# 3055

Delta R.T. 0.013 min

Lab File: VL039634.D

Acq: 19 Sep 2022 14:43

Instrument :

MSVOA_L

ClientSampleId :

ICVVL091922

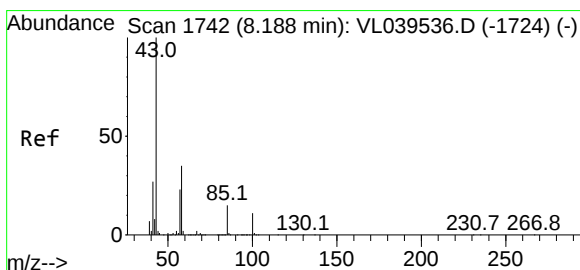
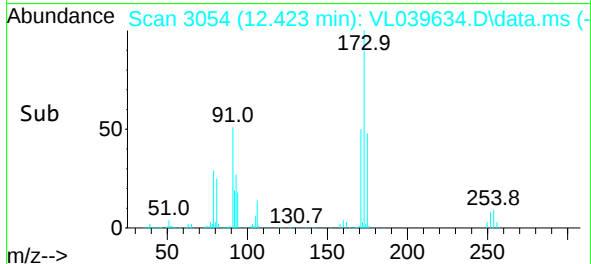
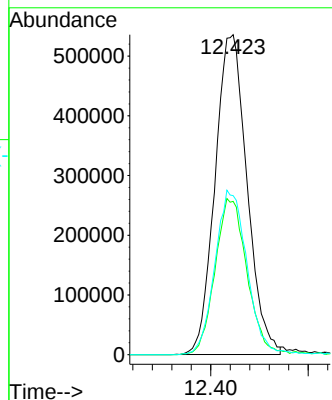
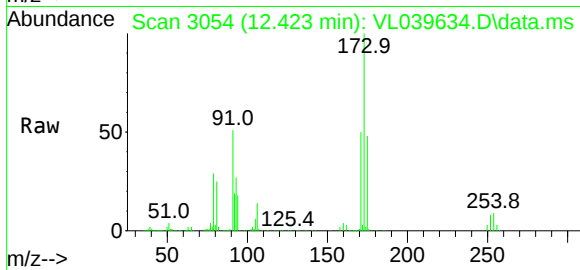
Tgt Ion:173 Resp: 1219620

Ion Ratio Lower Upper

173 100

175 49.3 40.3 60.5

171 51.7 42.9 64.3



#50

4-Methyl-2-Pentanone

Concen: 9.936 ppbv

RT: 8.198 min Scan# 1740

Delta R.T. 0.010 min

Lab File: VL039634.D

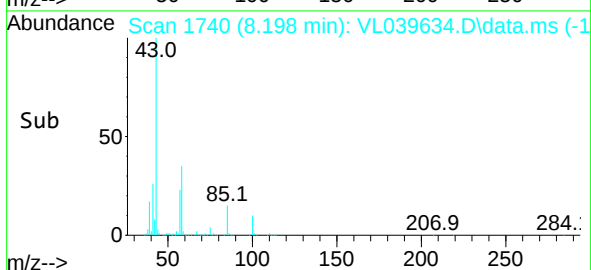
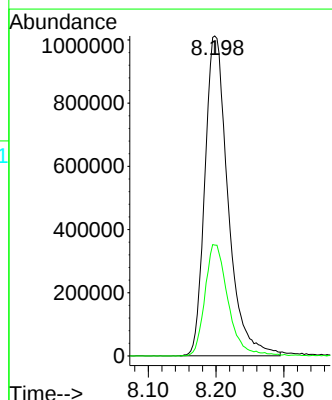
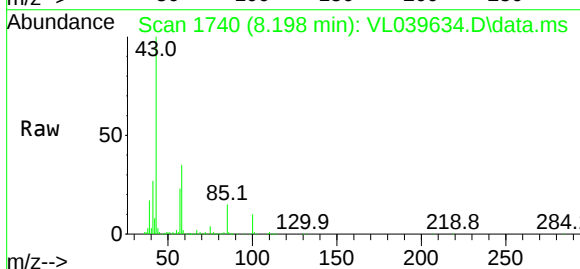
Acq: 19 Sep 2022 14:43

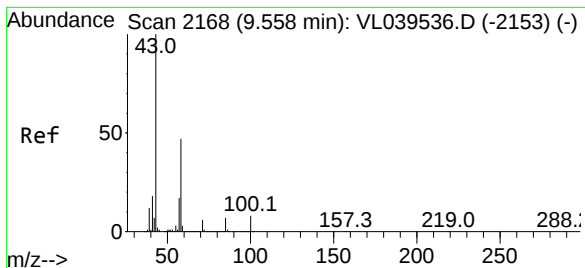
Tgt Ion: 43 Resp: 2405538

Ion Ratio Lower Upper

43 100

58 35.1 28.8 43.2

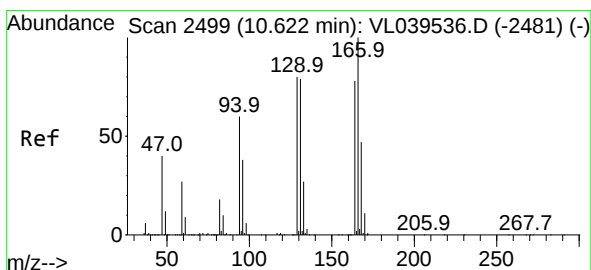
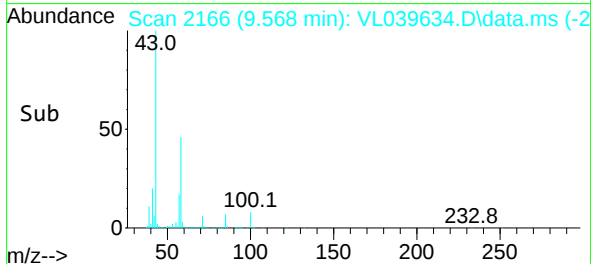
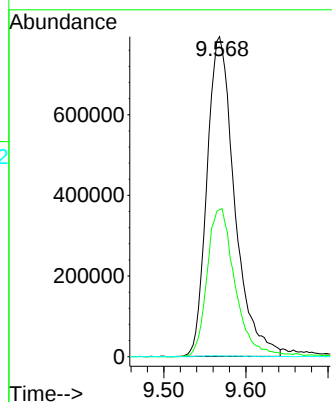
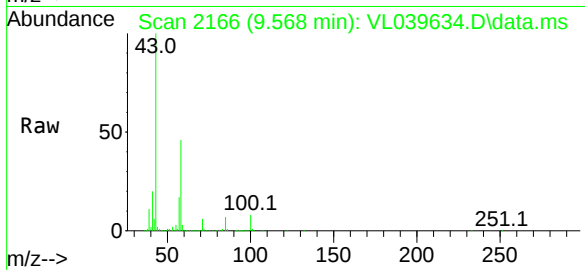




#51
2-Hexanone
Concen: 10.332 ppbv
RT: 9.568 min Scan# 2168
Delta R.T. 0.010 min
Lab File: VL039634.D
Acq: 19 Sep 2022 14:43

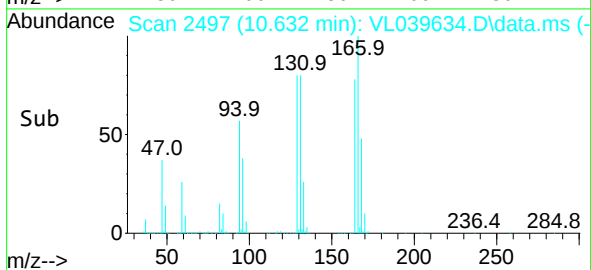
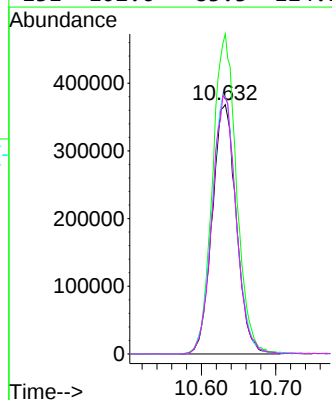
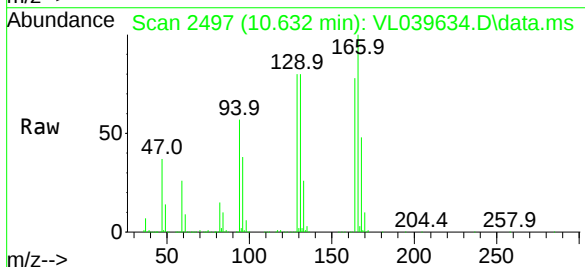
Instrument :
MSVOA_L
ClientSampleId :
ICVVL091922

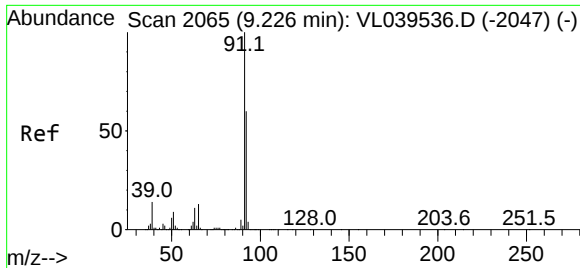
Tgt Ion: 43 Resp: 1851691
Ion Ratio Lower Upper
43 100
58 47.7 38.4 57.6
98 0.3 0.3 0.5#



#52
Tetrachloroethene
Concen: 9.080 ppbv
RT: 10.632 min Scan# 2497
Delta R.T. 0.010 min
Lab File: VL039634.D
Acq: 19 Sep 2022 14:43

Tgt Ion:164 Resp: 830762
Ion Ratio Lower Upper
164 100
166 128.3 102.2 153.2
129 103.0 85.8 128.8
131 102.6 83.3 124.9

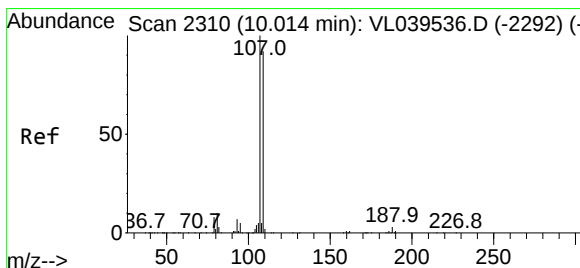
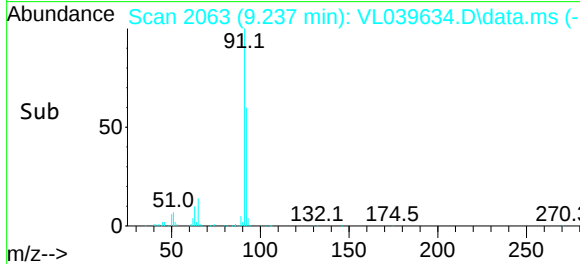
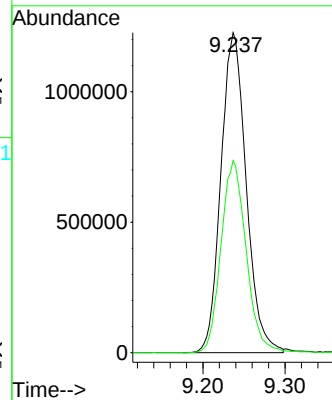
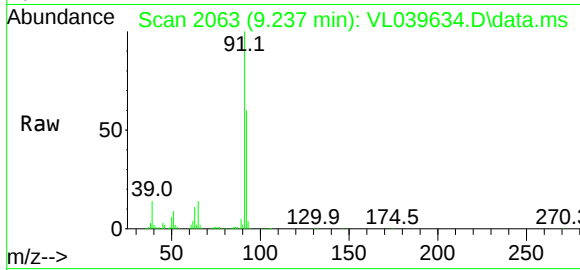




#53
Toluene
Concen: 9.856 ppbv
RT: 9.237 min Scan# 2063
Delta R.T. 0.010 min
Lab File: VL039634.D
Acq: 19 Sep 2022 14:43

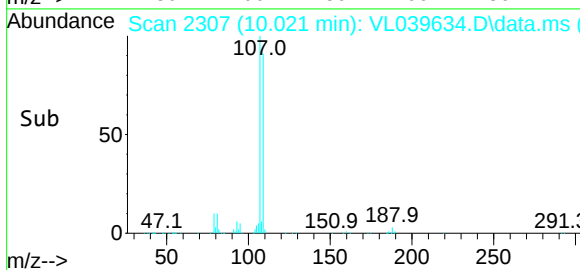
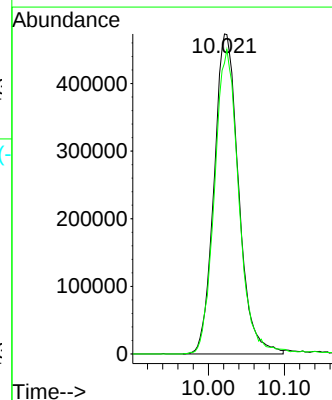
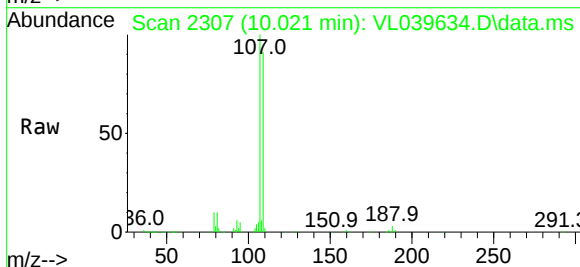
Instrument : MSVOA_L
ClientSampleId : ICVVL091922

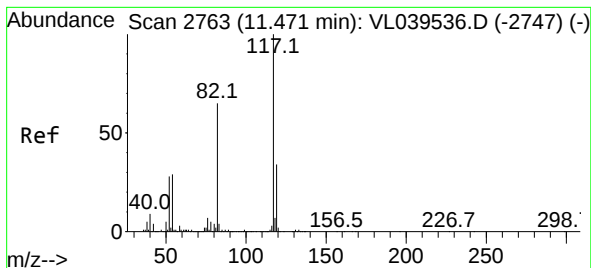
Tgt Ion: 91 Resp: 2628940
Ion Ratio Lower Upper
91 100
92 59.8 48.2 72.2



#54
1,2-Dibromoethane
Concen: 9.792 ppbv
RT: 10.021 min Scan# 2307
Delta R.T. 0.007 min
Lab File: VL039634.D
Acq: 19 Sep 2022 14:43

Tgt Ion: 107 Resp: 1060318
Ion Ratio Lower Upper
107 100
109 90.9 74.8 112.2





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.481 min Scan# 2763

Delta R.T. 0.010 min

Lab File: VL039634.D

Acq: 19 Sep 2022 14:43

Instrument :

MSVOA_L

ClientSampleId :

ICVVL091922

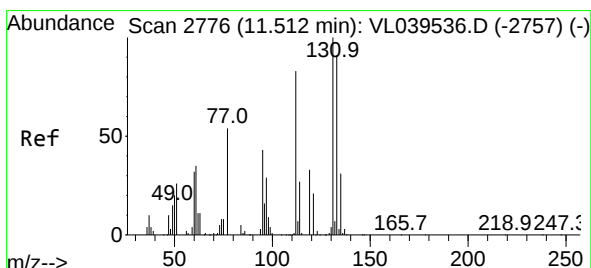
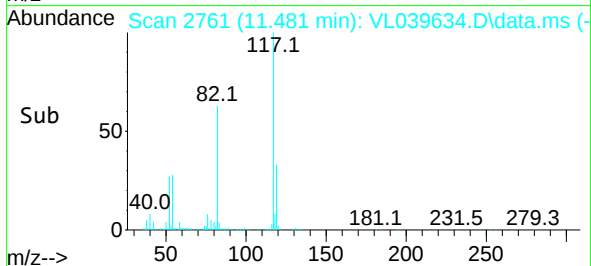
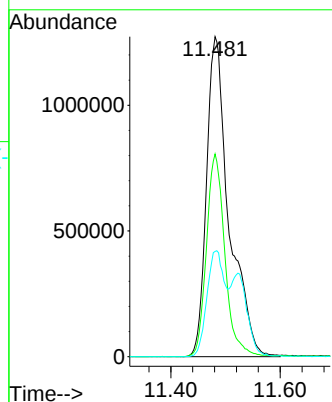
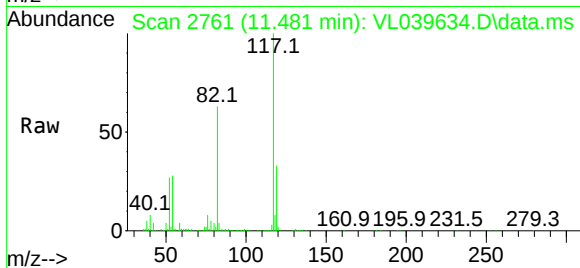
Tgt Ion:117 Resp: 3632694

Ion Ratio Lower Upper

117 100

82 52.1 50.8 76.2

119 28.8 24.1 36.1



#56

1,1,1,2-Tetrachloroethane

Concen: 7.429 ppbv

RT: 11.523 min Scan# 2774

Delta R.T. 0.010 min

Lab File: VL039634.D

Acq: 19 Sep 2022 14:43

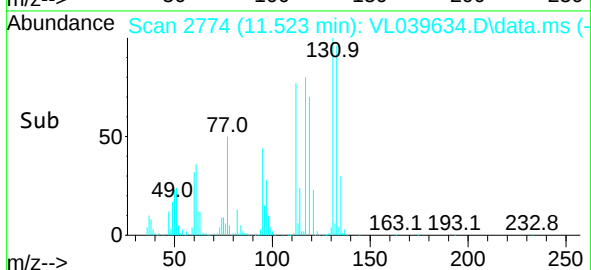
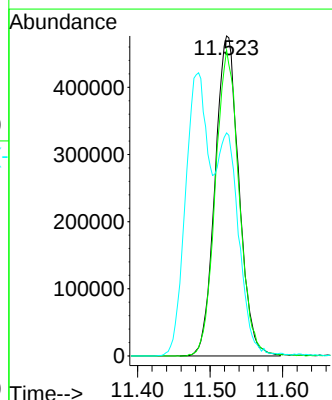
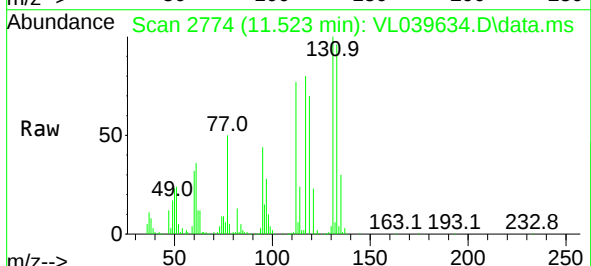
Tgt Ion:131 Resp: 1090619

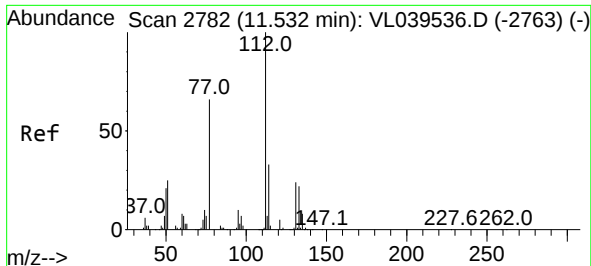
Ion Ratio Lower Upper

131 100

133 95.1 76.8 115.2

119 67.0 46.2 69.4

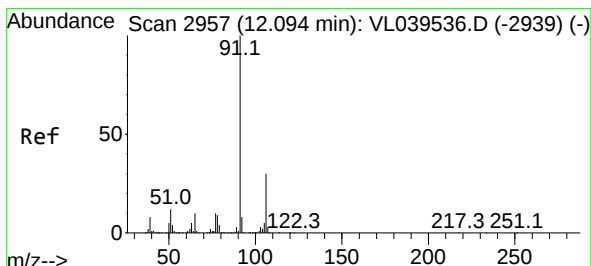
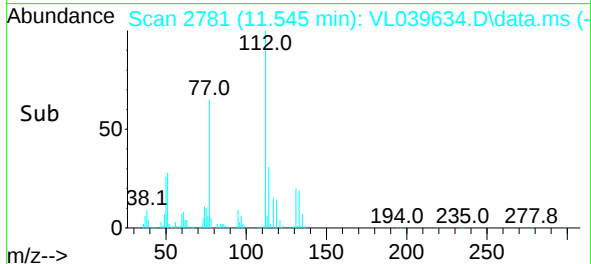
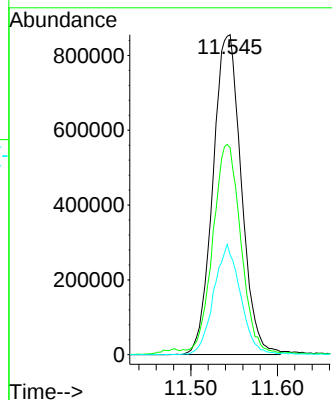
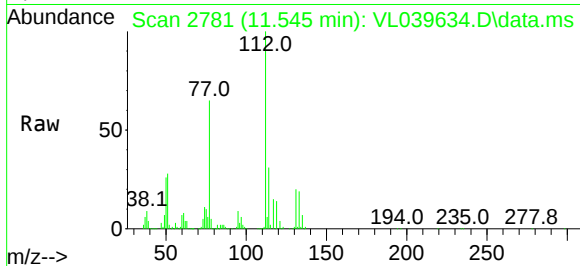




#57
Chlorobenzene
Concen: 7.259 ppbv
RT: 11.545 min Scan# 21
Delta R.T. 0.013 min
Lab File: VL039634.D
Acq: 19 Sep 2022 14:43

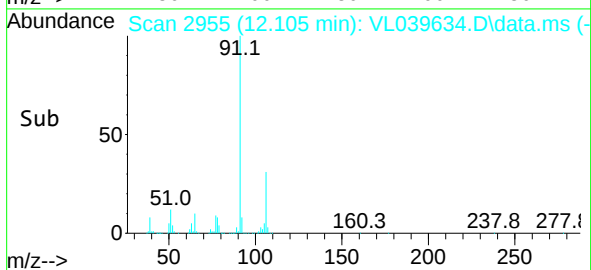
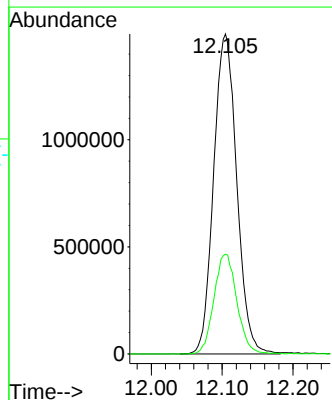
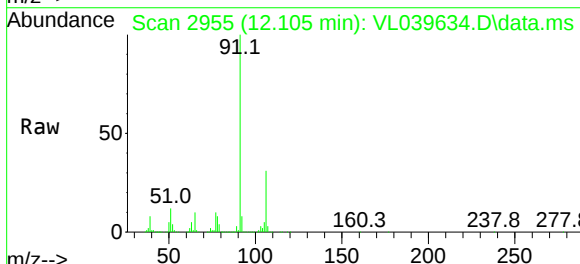
Instrument :
MSVOA_L
ClientSampleId :
ICVVL091922

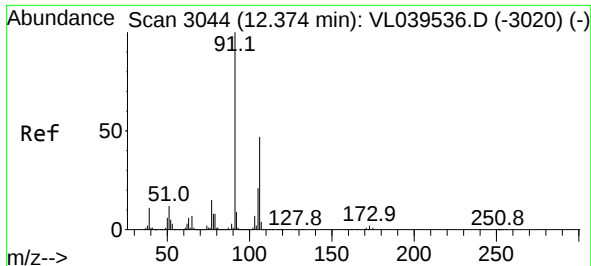
Tgt Ion:112 Resp: 1939082
Ion Ratio Lower Upper
112 100
77 64.0 51.0 76.4
114 31.1 27.5 33.6



#58
Ethyl Benzene
Concen: 8.072 ppbv
RT: 12.105 min Scan# 2955
Delta R.T. 0.010 min
Lab File: VL039634.D
Acq: 19 Sep 2022 14:43

Tgt Ion: 91 Resp: 3381087
Ion Ratio Lower Upper
91 100
106 31.2 25.4 38.0





#59

m/p-Xylene

Concen: 7.781 ppbv

RT: 12.388 min Scan# 3044

Delta R.T. 0.013 min

Lab File: VL039634.D

Acq: 19 Sep 2022 14:43

Instrument :

MSVOA_L

ClientSampleId :

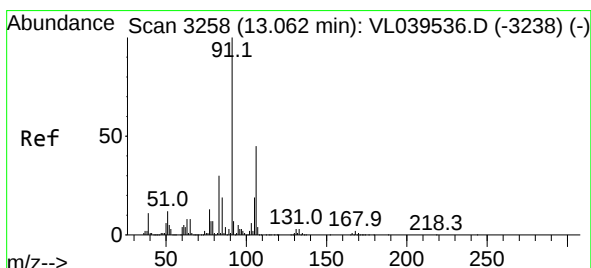
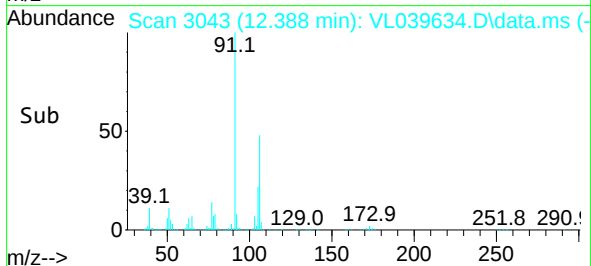
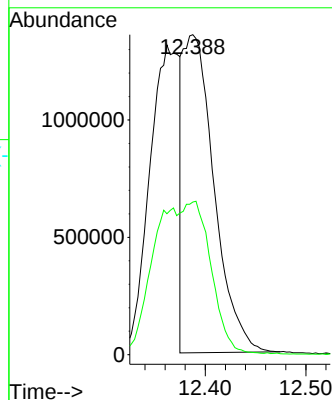
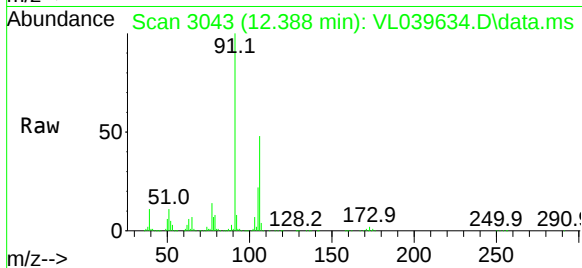
ICVVL091922

Tgt Ion: 91 Resp: 2900398

Ion Ratio Lower Upper

91 100

106 88.5 35.4 53.2#



#60

o-Xylene

Concen: 7.612 ppbv

RT: 13.072 min Scan# 3256

Delta R.T. 0.010 min

Lab File: VL039634.D

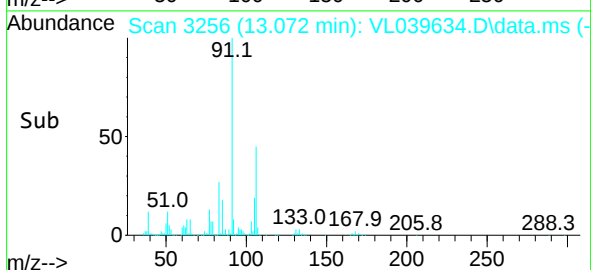
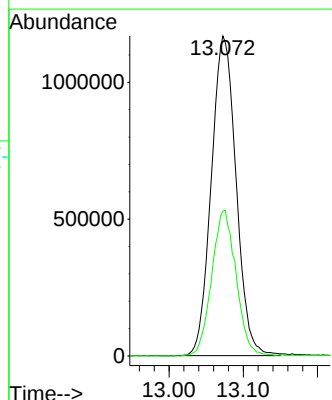
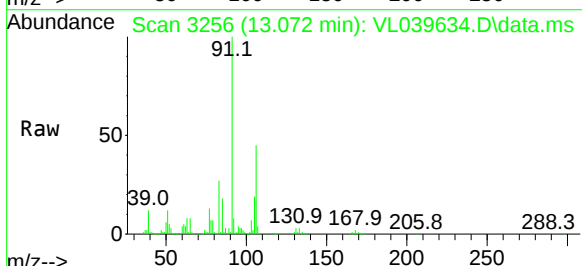
Acq: 19 Sep 2022 14:43

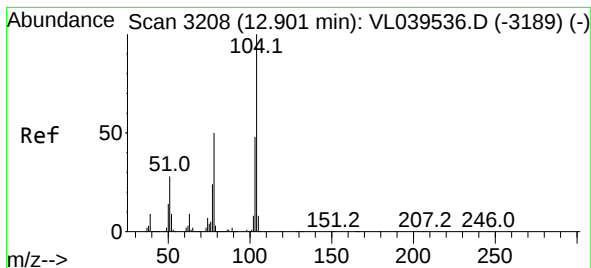
Tgt Ion: 91 Resp: 2709466

Ion Ratio Lower Upper

91 100

106 45.2 22.4 67.3





#61

Styrene

Concen: 8.598 ppbv

RT: 12.915 min Scan# 31

Delta R.T. 0.013 min

Lab File: VL039634.D

Acq: 19 Sep 2022 14:43

Instrument :

MSVOA_L

ClientSampleId :

ICVVL091922

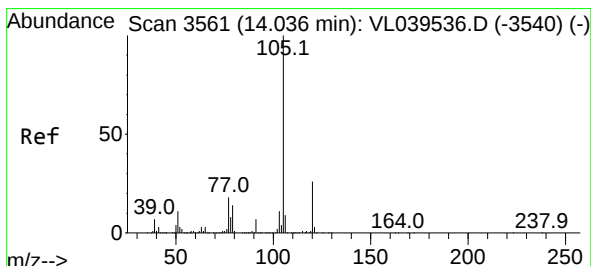
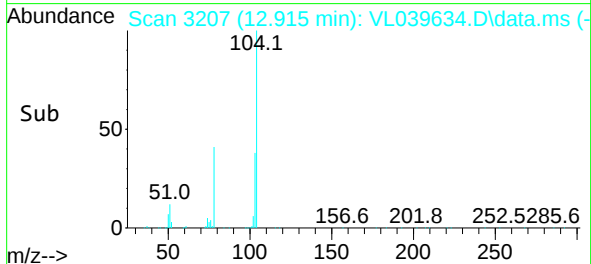
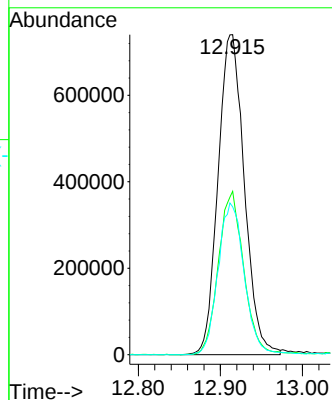
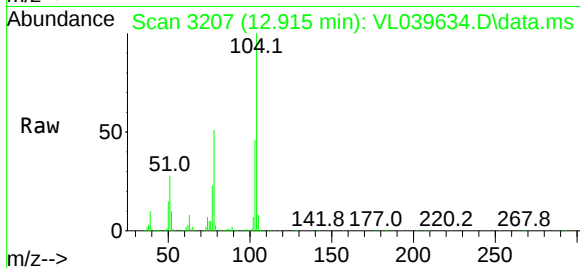
Tgt Ion:104 Resp: 1648301

Ion Ratio Lower Upper

104 100

78 49.6 41.2 61.8

103 47.5 38.7 58.1



#62

Isopropylbenzene

Concen: 7.331 ppbv

RT: 14.047 min Scan# 3559

Delta R.T. 0.010 min

Lab File: VL039634.D

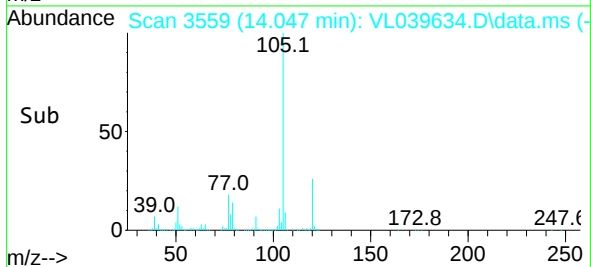
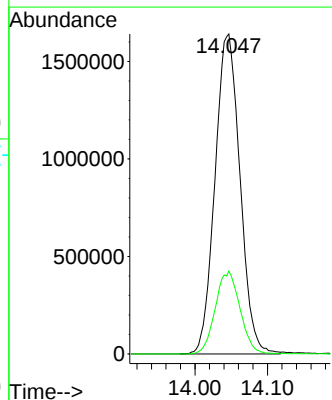
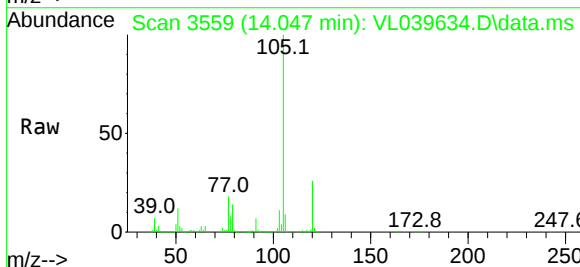
Acq: 19 Sep 2022 14:43

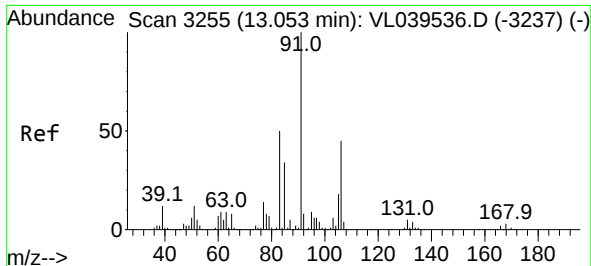
Tgt Ion:105 Resp: 3926921

Ion Ratio Lower Upper

105 100

120 25.7 20.7 31.1

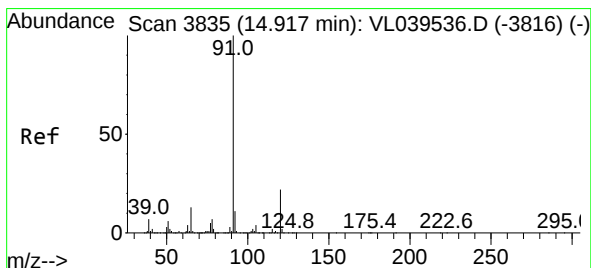
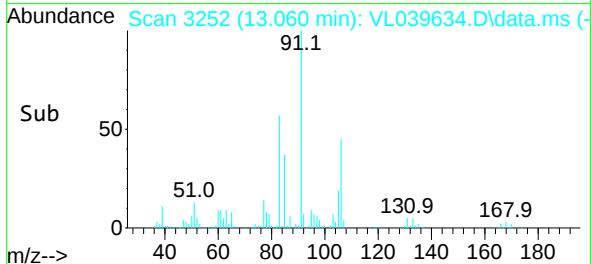
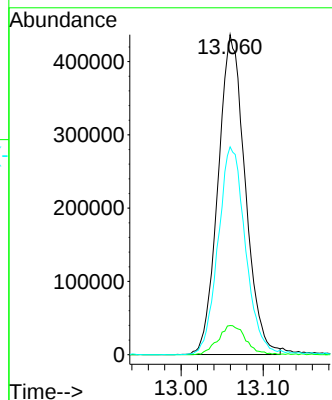
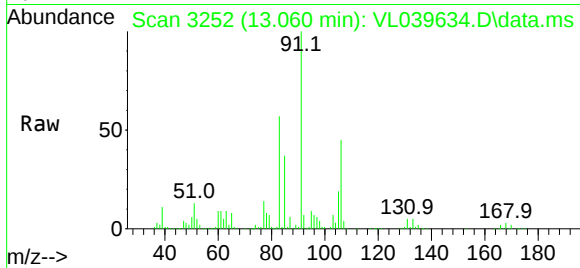




#63
1,1,2,2-Tetrachloroethane
Concen: 7.048 ppbv
RT: 13.060 min Scan# 31
Delta R.T. 0.007 min
Lab File: VL039634.D
Acq: 19 Sep 2022 14:43

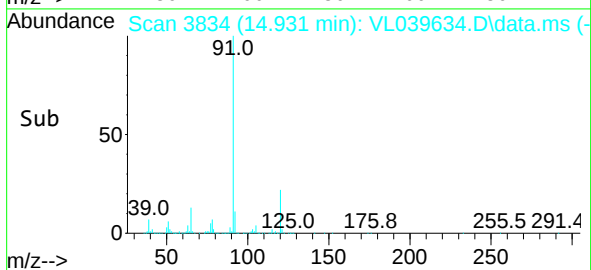
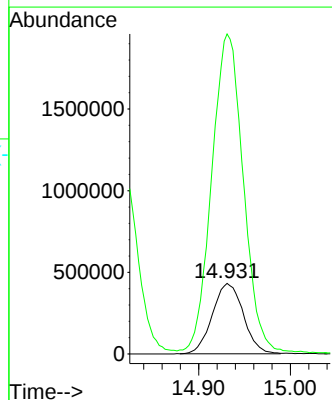
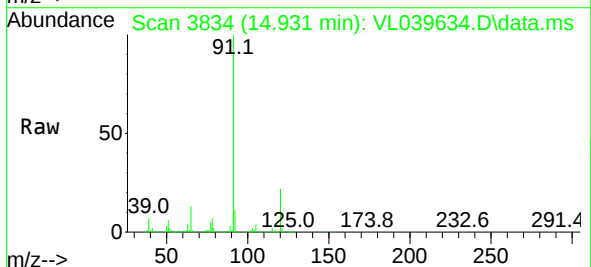
Instrument :
MSVOA_L
ClientSampleId :
ICVVL091922

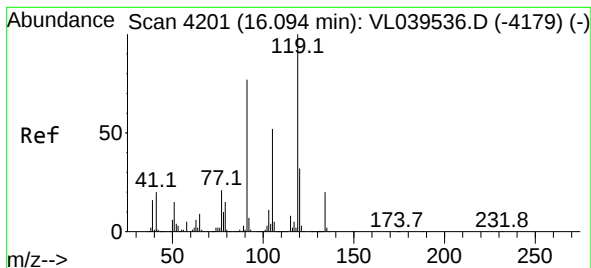
Tgt Ion: 83 Resp: 1000729
Ion Ratio Lower Upper
83 100
131 9.5 5.3 15.8
85 66.5 33.1 99.5



#64
n-propylbenzene
Concen: 7.386 ppbv
RT: 14.931 min Scan# 3834
Delta R.T. 0.014 min
Lab File: VL039634.D
Acq: 19 Sep 2022 14:43

Tgt Ion:120 Resp: 1013023
Ion Ratio Lower Upper
120 100
91 467.6 367.2 550.8





#65

tert-Butylbenzene

Concen: 7.216 ppbv

RT: 16.108 min Scan# 41

Delta R.T. 0.013 min

Lab File: VL039634.D

Acq: 19 Sep 2022 14:43

Instrument :

MSVOA_L

ClientSampleId :

ICVVL091922

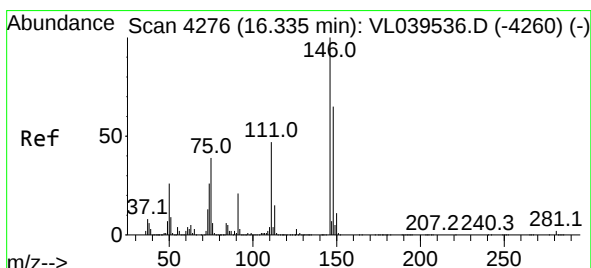
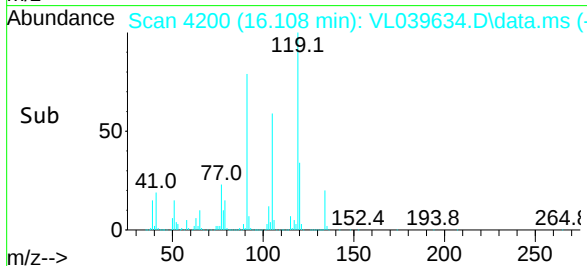
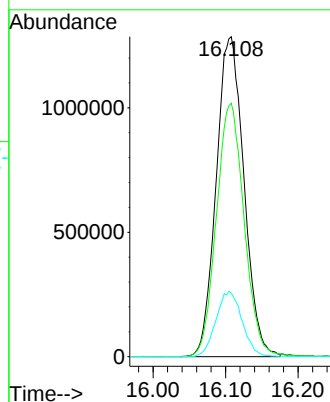
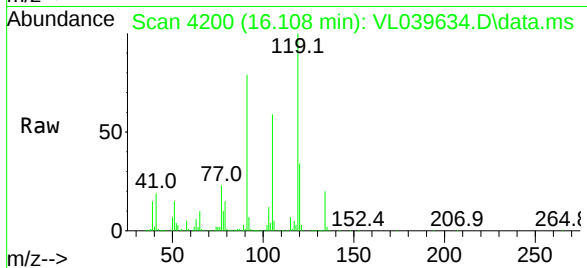
Tgt Ion:119 Resp: 3414813

Ion Ratio Lower Upper

119 100

91 79.3 63.4 95.2

134 19.3 15.9 23.9



#66

Benzyl Chloride

Concen: 6.837 ppbv

RT: 16.342 min Scan# 4273

Delta R.T. 0.007 min

Lab File: VL039634.D

Acq: 19 Sep 2022 14:43

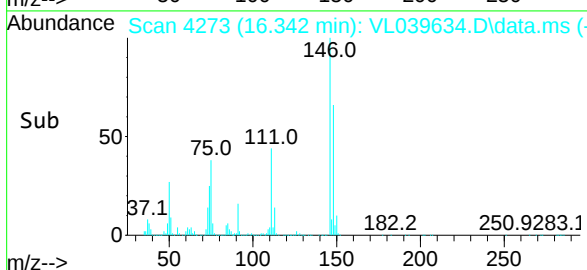
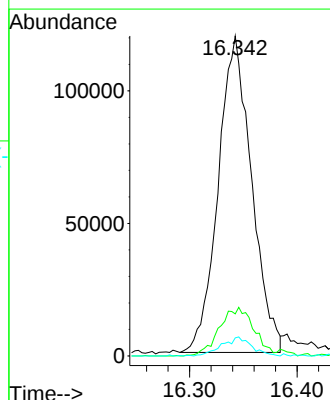
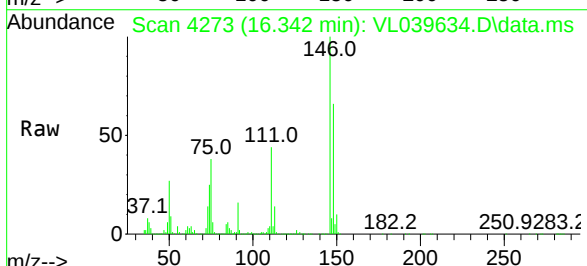
Tgt Ion: 91 Resp: 257599

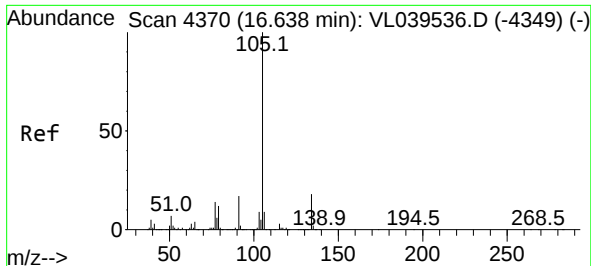
Ion Ratio Lower Upper

91 100

126 16.9 13.1 19.7

128 5.5 4.4 6.6

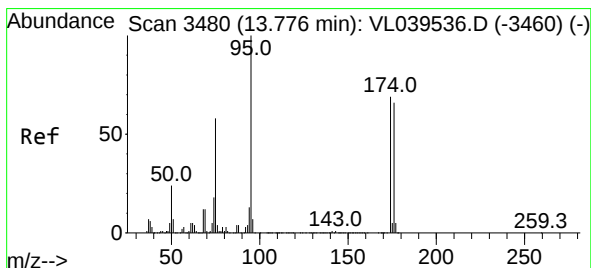
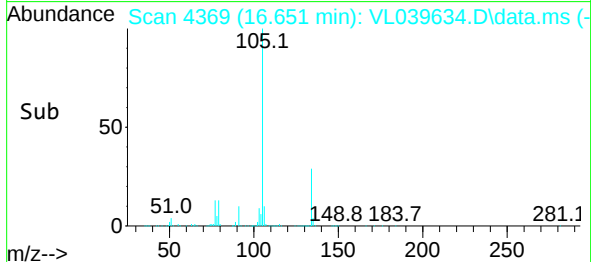
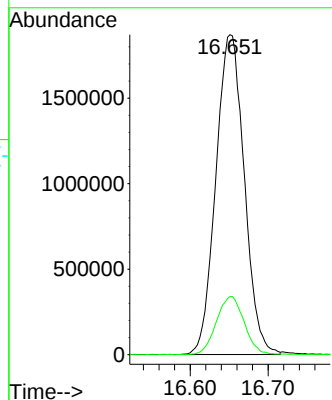
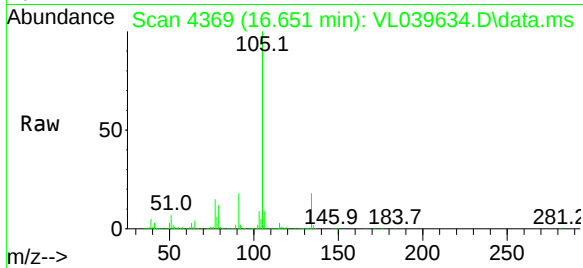




#67
 sec-Butylbenzene
 Concen: 7.140 ppbv
 RT: 16.651 min Scan# 41
 Delta R.T. 0.013 min
 Lab File: VL039634.D
 Acq: 19 Sep 2022 14:43

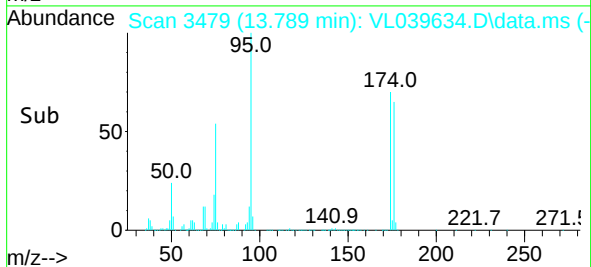
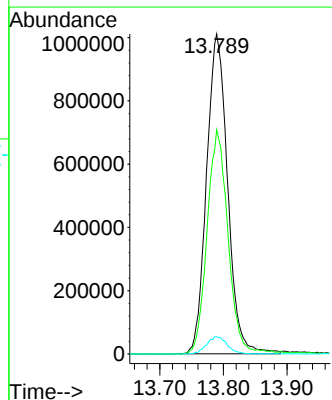
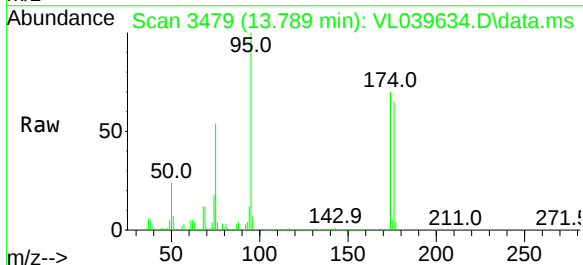
Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL091922

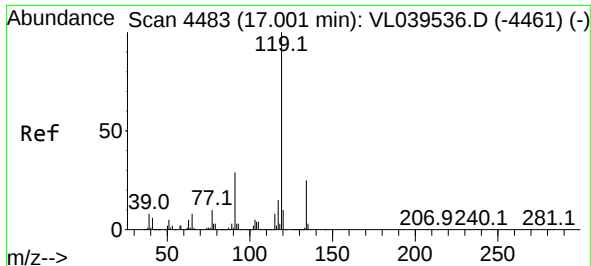
Tgt Ion:105 Resp: 4739474
 Ion Ratio Lower Upper
 105 100
 134 18.0 14.8 22.2



#68
 1-Bromo-4-Fluorobenzene
 Concen: 8.577 ppbv
 RT: 13.789 min Scan# 3479
 Delta R.T. 0.014 min
 Lab File: VL039634.D
 Acq: 19 Sep 2022 14:43

Tgt Ion: 95 Resp: 2325950
 Ion Ratio Lower Upper
 95 100
 174 69.8 55.9 83.9
 175 5.3 4.2 6.4



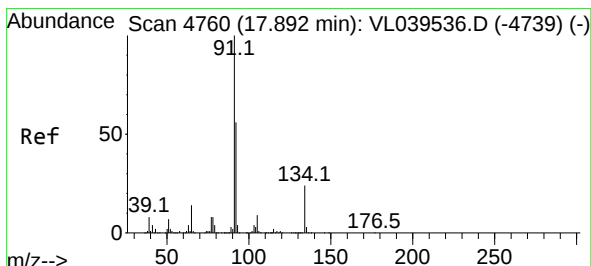
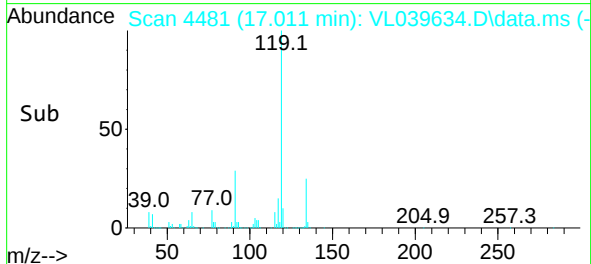
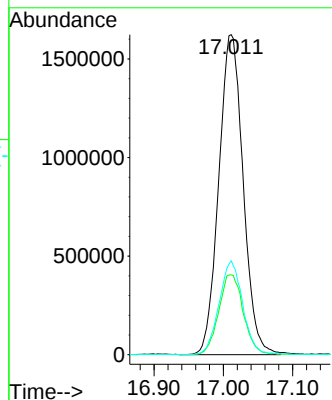
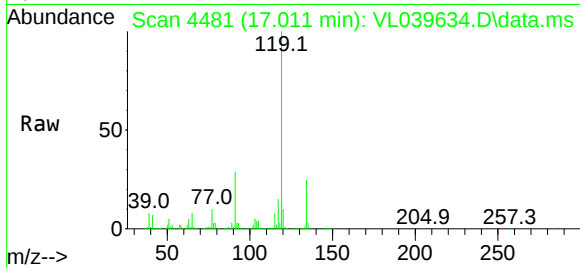


#69
 p-Isopropyltoluene
 Concen: 7.266 ppbv
 RT: 17.011 min Scan# 4483
 Delta R.T. 0.010 min
 Lab File: VL039634.D
 Acq: 19 Sep 2022 14:43

Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL091922

Tgt Ion: 119 Resp: 3962835

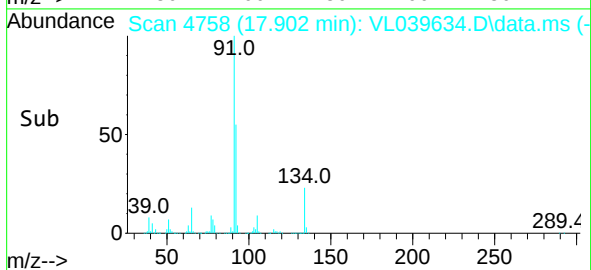
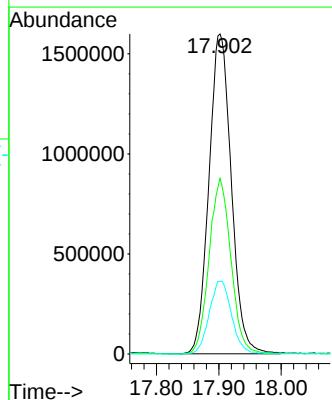
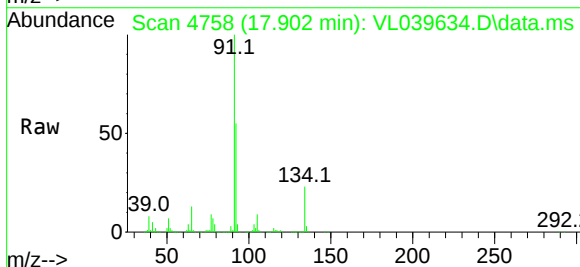
Ion	Ratio	Lower	Upper
119	100		
134	25.4	20.3	30.5
91	28.5	22.9	34.3

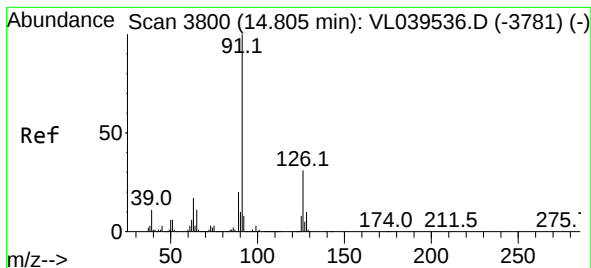


#70
 n-Butylbenzene
 Concen: 7.447 ppbv
 RT: 17.902 min Scan# 4758
 Delta R.T. 0.010 min
 Lab File: VL039634.D
 Acq: 19 Sep 2022 14:43

Tgt Ion: 91 Resp: 3981446

Ion	Ratio	Lower	Upper
91	100		
92	53.7	43.4	65.2
134	22.8	18.9	28.3





#71

2-Chlorotoluene

Concen: 7.388 ppbv

RT: 14.815 min Scan# 31

Delta R.T. 0.010 min

Lab File: VL039634.D

Acq: 19 Sep 2022 14:43

Instrument :

MSVOA_L

ClientSampleId :

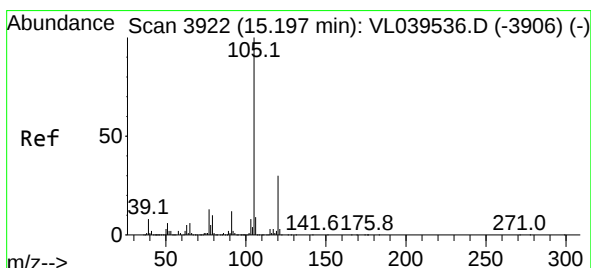
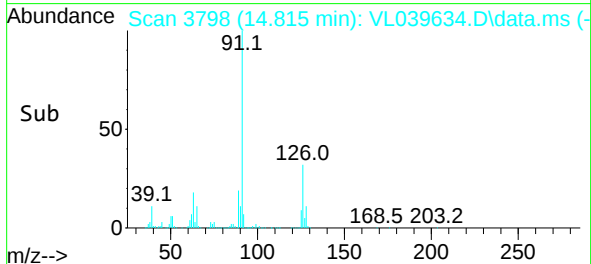
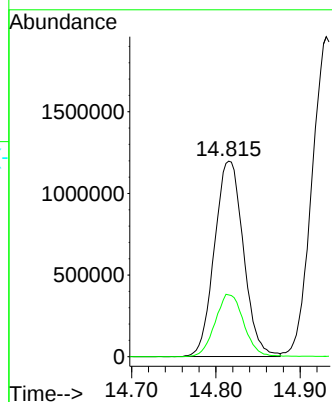
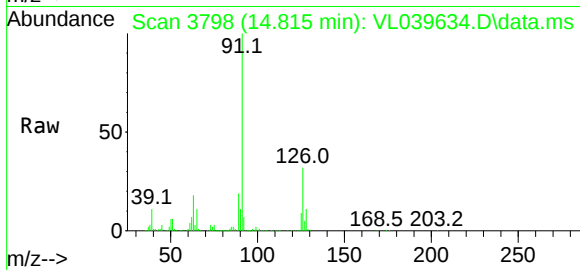
ICVVL091922

Tgt Ion: 91 Resp: 2857058

Ion Ratio Lower Upper

91 100

126 32.0 13.0 51.8



#72

4-Ethyltoluene

Concen: 7.768 ppbv

RT: 15.211 min Scan# 3921

Delta R.T. 0.013 min

Lab File: VL039634.D

Acq: 19 Sep 2022 14:43

Tgt Ion: 105 Resp: 3156524

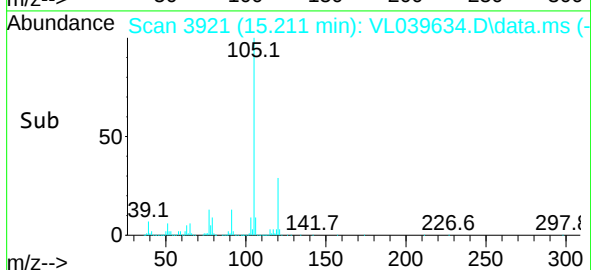
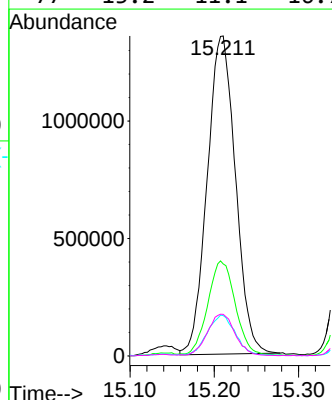
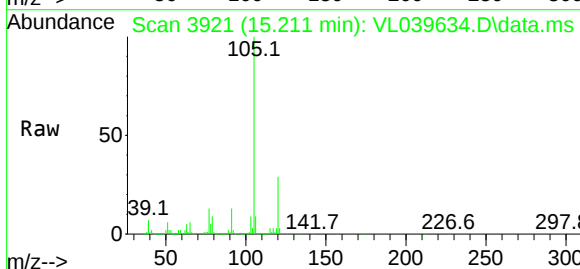
Ion Ratio Lower Upper

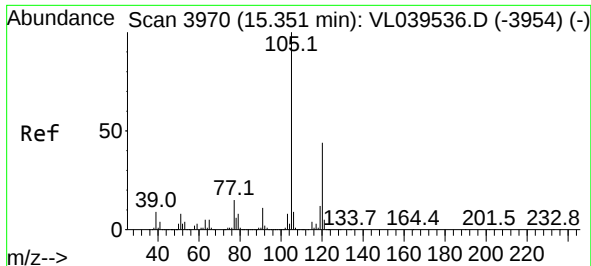
105 100

120 29.7 24.2 36.2

91 13.4 10.2 15.4

77 13.2 11.1 16.7

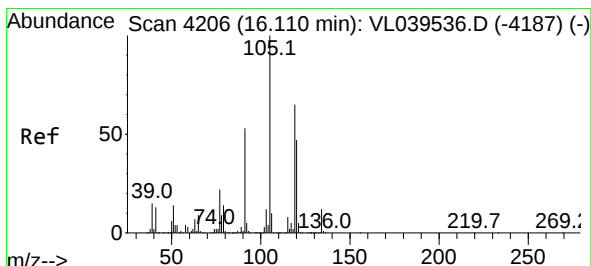
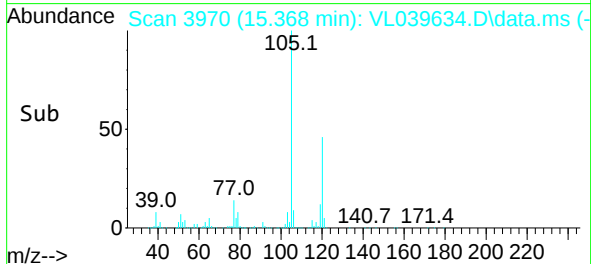
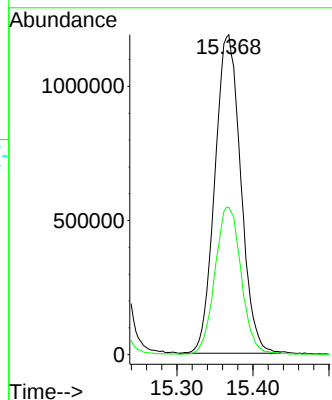
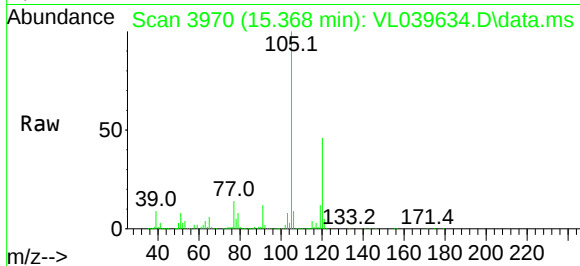




#73
 1,3,5-Trimethylbenzene
 Concen: 7.543 ppbv
 RT: 15.368 min Scan# 3970
 Delta R.T. 0.017 min
 Lab File: VL039634.D
 Acq: 19 Sep 2022 14:43

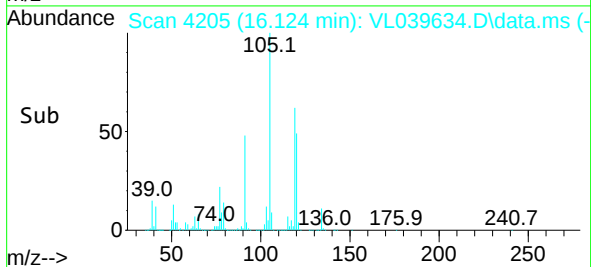
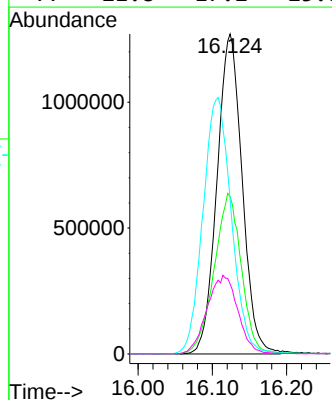
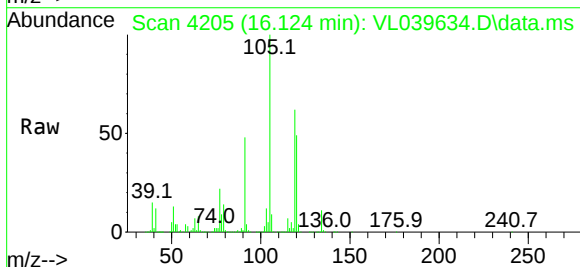
Instrument : MSVOA_L
 ClientSampleId : ICVVL091922

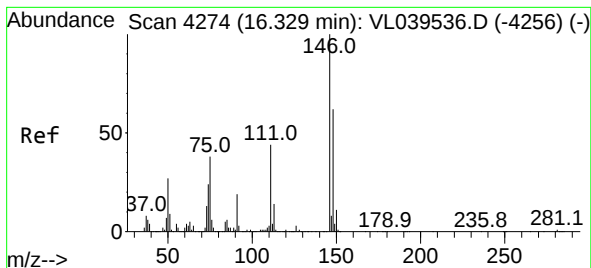
Tgt Ion:105 Resp: 2804801
 Ion Ratio Lower Upper
 105 100
 120 46.1 38.2 57.4



#74
 1,2,4-Trimethylbenzene
 Concen: 7.182 ppbv
 RT: 16.124 min Scan# 4205
 Delta R.T. 0.014 min
 Lab File: VL039634.D
 Acq: 19 Sep 2022 14:43

Tgt Ion:105 Resp: 2993690
 Ion Ratio Lower Upper
 105 100
 120 48.9 39.5 59.3
 91 48.0 39.2 58.8
 77 21.8 17.2 25.8





#75

1,3-Dichlorobenzene

Concen: 7.141 ppbv

RT: 16.346 min Scan# 41

Delta R.T. 0.017 min

Lab File: VL039634.D

Acq: 19 Sep 2022 14:43

Instrument :

MSVOA_L

ClientSampleId :

ICVVL091922

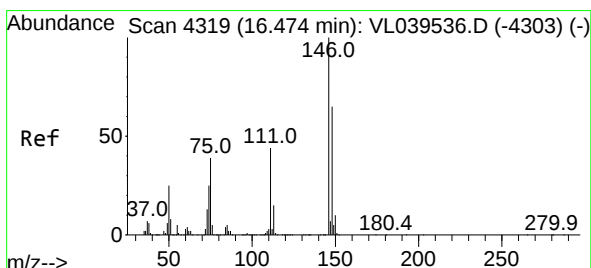
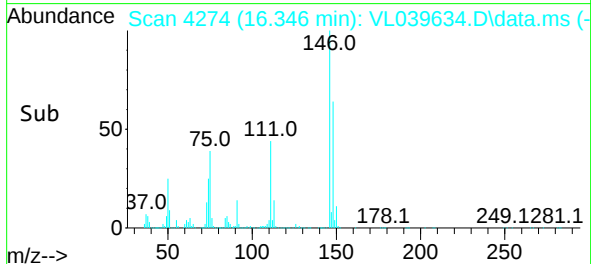
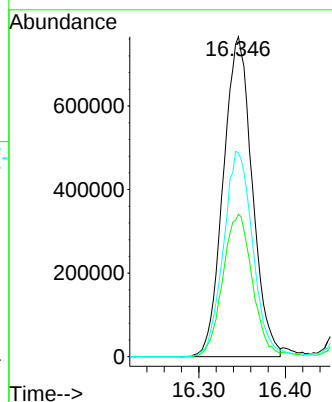
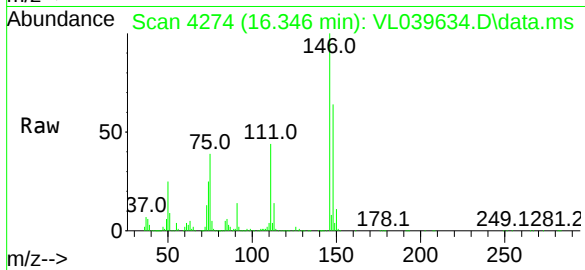
Tgt Ion:146 Resp: 1775988

Ion Ratio Lower Upper

146 100

111 45.9 22.9 68.7

148 65.5 32.1 96.5



#76

1,4-Dichlorobenzene

Concen: 7.127 ppbv

RT: 16.487 min Scan# 4318

Delta R.T. 0.013 min

Lab File: VL039634.D

Acq: 19 Sep 2022 14:43

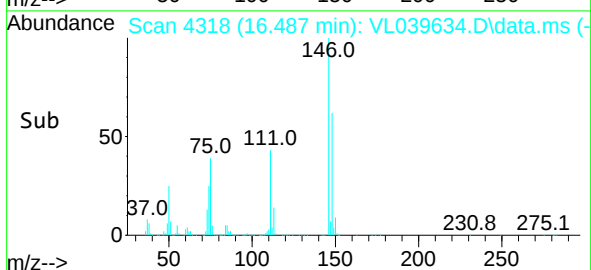
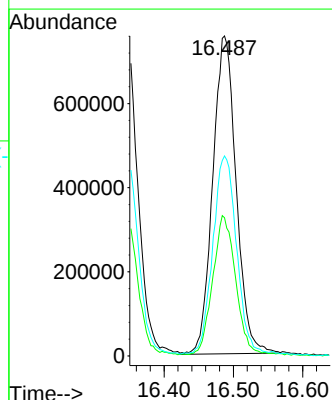
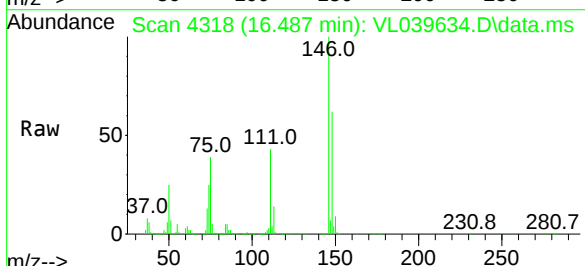
Tgt Ion:146 Resp: 1773059

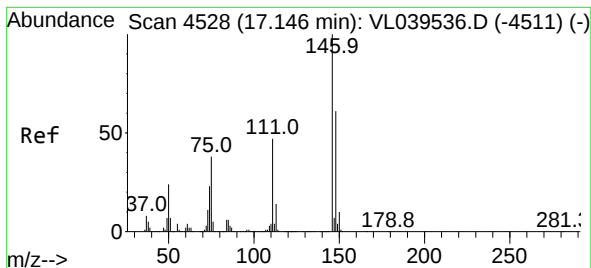
Ion Ratio Lower Upper

146 100

111 44.3 22.9 68.8

148 65.3 33.6 100.8





#77

1,2-Dichlorobenzene

Concen: 7.103 ppbv

RT: 17.159 min Scan# 4528

Delta R.T. 0.013 min

Lab File: VL039634.D

Acq: 19 Sep 2022 14:43

Instrument :

MSVOA_L

ClientSampleId :

ICVVL091922

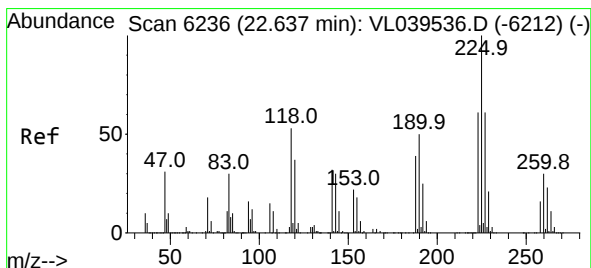
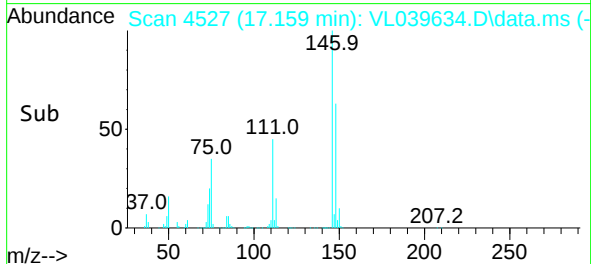
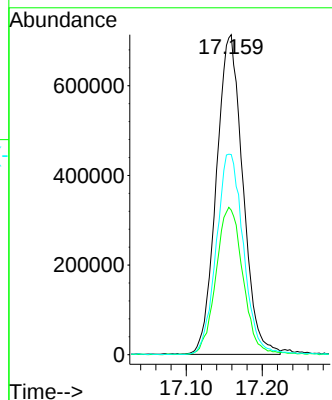
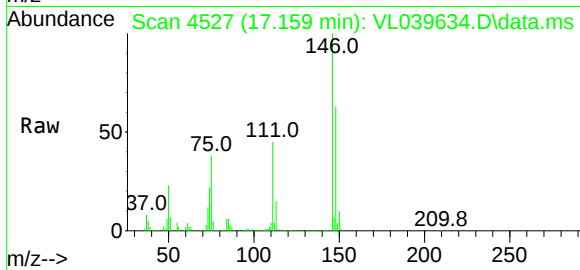
Tgt Ion:146 Resp: 1722730

Ion Ratio Lower Upper

146 100

111 47.3 23.8 71.5

148 64.6 32.3 96.8



#78

Hexachloro-1,3-Butadiene

Concen: 7.497 ppbv

RT: 22.648 min Scan# 6234

Delta R.T. 0.010 min

Lab File: VL039634.D

Acq: 19 Sep 2022 14:43

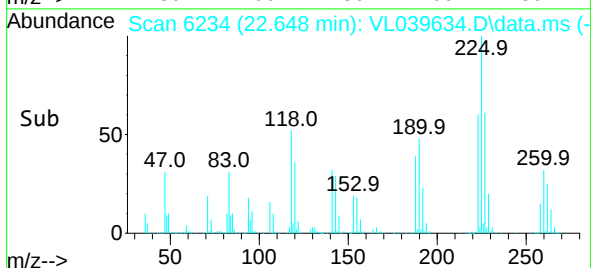
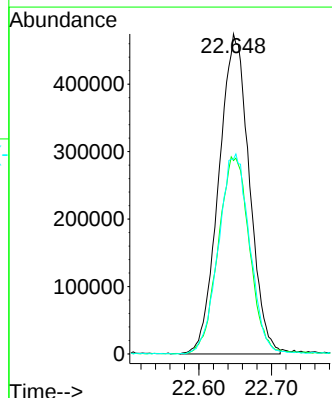
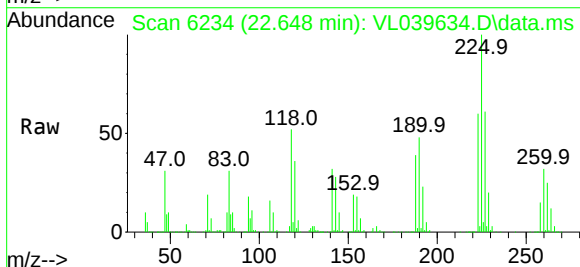
Tgt Ion:225 Resp: 1389226

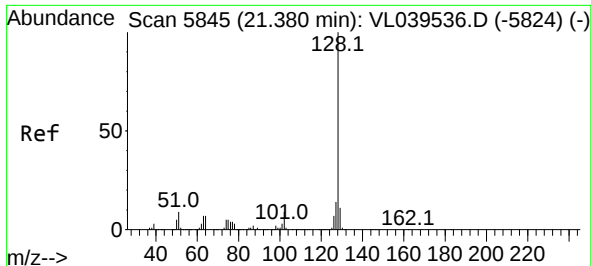
Ion Ratio Lower Upper

225 100

223 63.1 51.8 77.6

227 64.2 51.4 77.2

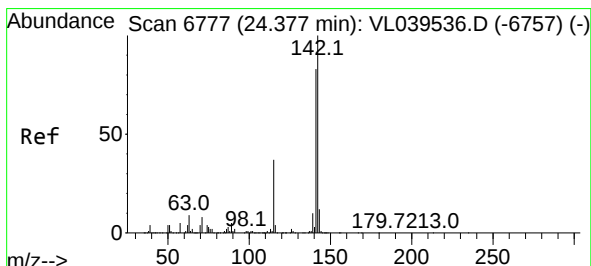
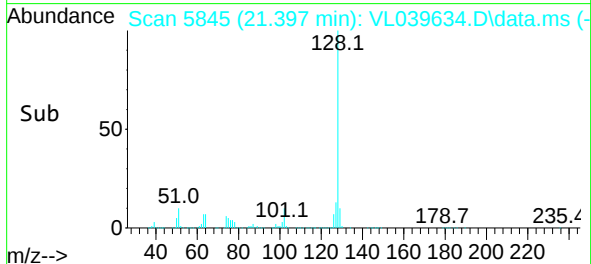
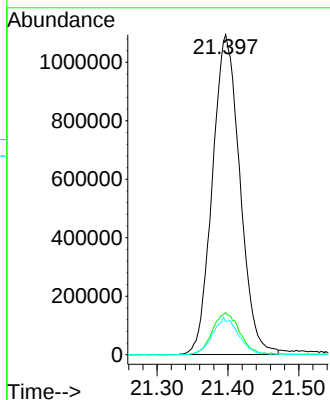
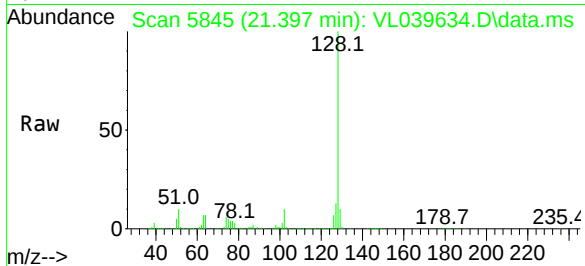




#79
Naphthalene
Concen: 10.707 ppbv
RT: 21.397 min Scan# 5845
Delta R.T. 0.017 min
Lab File: VL039634.D
Acq: 19 Sep 2022 14:43

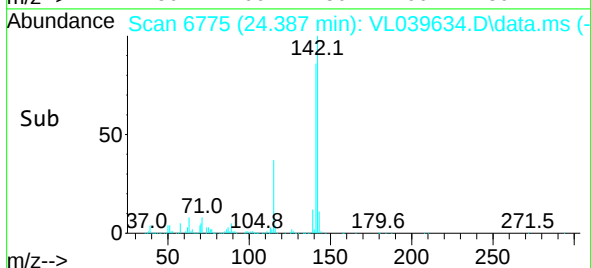
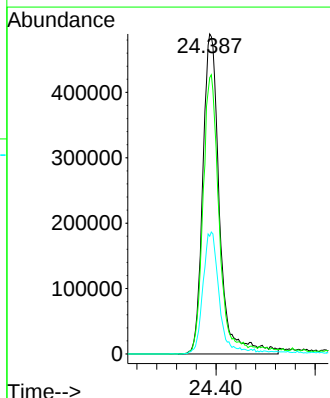
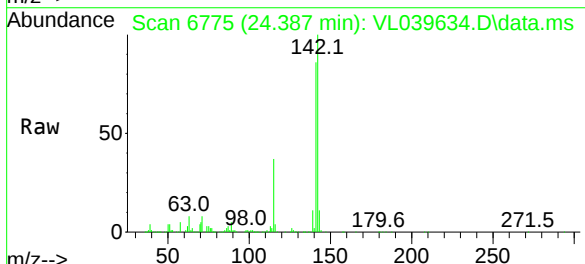
Instrument :
MSVOA_L
ClientSampleId :
ICVVL091922

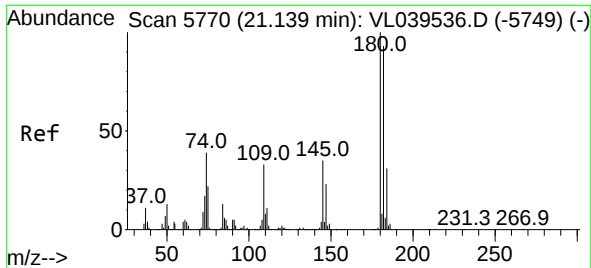
Tgt Ion:128 Resp: 2945315
Ion Ratio Lower Upper
128 100
127 13.1 10.6 15.8
129 10.3 8.8 13.2



#80
Naphthalene,2-methyl-
Concen: 11.078 ppbv
RT: 24.387 min Scan# 6775
Delta R.T. 0.010 min
Lab File: VL039634.D
Acq: 19 Sep 2022 14:43

Tgt Ion:142 Resp: 1145773
Ion Ratio Lower Upper
142 100
141 85.8 68.9 103.3
115 37.9 30.0 45.0





#81

1,2,4-Trichlorobenzene

Concen: 9.062 ppbv

RT: 21.153 min Scan# 51

Delta R.T. 0.014 min

Lab File: VL039634.D

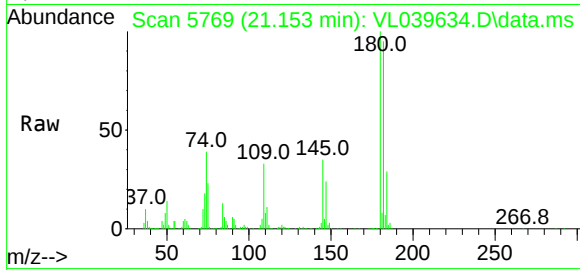
Acq: 19 Sep 2022 14:43

Instrument :

MSVOA_L

ClientSampleId :

ICVVL091922



Tgt Ion:180 Resp: 1637266

Ion Ratio Lower Upper

180 100

182 98.0 77.1 115.7

184 31.5 24.3 36.5

