

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL100422\
 Data File : VL039683.D
 Acq On : 4 Oct 2022 16:29
 Operator : SY/AP
 Sample : VL1004ABS01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL1004ABS01

Quant Time: Oct 05 04:40:11 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	5.211	49	1109627	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.671	114	2984046	10.000	ppbv	0.01
55) Chlorobenzene-d5	11.478	117	3476929	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.786	95	2172435	8.370	ppbv	0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	83.700%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.755	85	1175815	9.140	ppbv	99
3) Chlorodifluoromethane	2.700	51	1174195	8.917	ppbv	96
4) Chloromethane	2.838	50	725245	9.127	ppbv	98
5) Vinyl Chloride	2.948	62	625241	9.440	ppbv	99
6) Bromomethane	3.144	94	227447	9.311	ppbv	94
7) Chloroethane	3.224	64	222736	9.195	ppbv	98
8) Dichlorotetrafluoroethane	2.883	85	1428078	9.255	ppbv	96
9) Propene	2.719	41	539355	8.968	ppbv	98
10) Heptane	7.594	43	1369504	9.758	ppbv	99
11) Trichlorofluoromethane	3.587	101	1480761	9.295	ppbv	100
12) 1,1,2-Trichlorotrifluo...	4.089	101	1130583	9.396	ppbv	100
13) Ethanol	3.269	45	12102	2.641	ppbv #	1
14) Bromoethene	3.391	108	464871	9.677	ppbv	99
15) Acetone	3.491	43	1106545	8.962	ppbv	99
16) 1,3-Butadiene	3.012	39	597604	9.541	ppbv	100
17) tert-Butyl alcohol	3.899	59	1018671	9.193	ppbv	99
18) 1,1-Dichloroethene	3.903	96	514576	9.720	ppbv	98
19) Isopropyl Alcohol	3.597	45	579267	9.204	ppbv	99
20) Methylene Chloride	3.954	84	438732	7.685	ppbv	95
21) Allyl Chloride	4.021	41	775274	9.221	ppbv	96
22) trans-1,2-Dichloroethene	4.468	96	520081	9.930	ppbv	98
23) Vinyl Acetate	4.645	43	498901	8.938	ppbv #	98
24) 1,1-Dichloroethane	4.584	63	1066543	9.595	ppbv	99
25) Ethyl Acetate	5.224	43	2398476	8.908	ppbv	99
26) Hexane	5.234	57	1000218	8.754	ppbv	98
27) Carbon Disulfide	4.147	76	1286030	10.710	ppbv	99
28) Methyl tert-Butyl Ether	4.610	73	898974	9.365	ppbv	98
29) Chloroform	5.292	83	1538700	9.329	ppbv	97
30) Cyclohexane	6.616	84	825320	9.328	ppbv	93
31) cis-1,2-Dichloroethene	5.099	61	939521	9.092	ppbv	98
32) 1,1,1-Trichloroethane	6.021	97	1501748	10.057	ppbv	98
34) 2-Butanone	4.806	43	1272679	8.683	ppbv	96
35) Carbon Tetrachloride	6.510	117	1625169	10.259	ppbv	99
36) Benzene	6.388	78	2115145	9.271	ppbv	96
37) 1,2-Dichloroethane	5.825	62	1140398	9.184	ppbv	99
38) Trichloroethene	7.304	130	1205184	9.775	ppbv	97
39) 1,2-Dichloropropane	7.089	63	787238	8.936	ppbv	96
40) 1,4-Dioxane	7.301	88	315066	8.759	ppbv	93
41) Tetrahydrofuran	5.574	42	837561	9.315	ppbv	97
42) Bromodichloromethane	7.263	83	1662788	9.628	ppbv	98
43) Methyl Methacrylate	7.491	69	809069	9.729	ppbv	95
44) 2,2,4-Trimethylpentane	7.340	57	3568132	9.074	ppbv	99
45) t-1,3-Dichloropropene	8.719	75	765771	10.897	ppbv	100

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 Misc : 400mL/MSVOA_L
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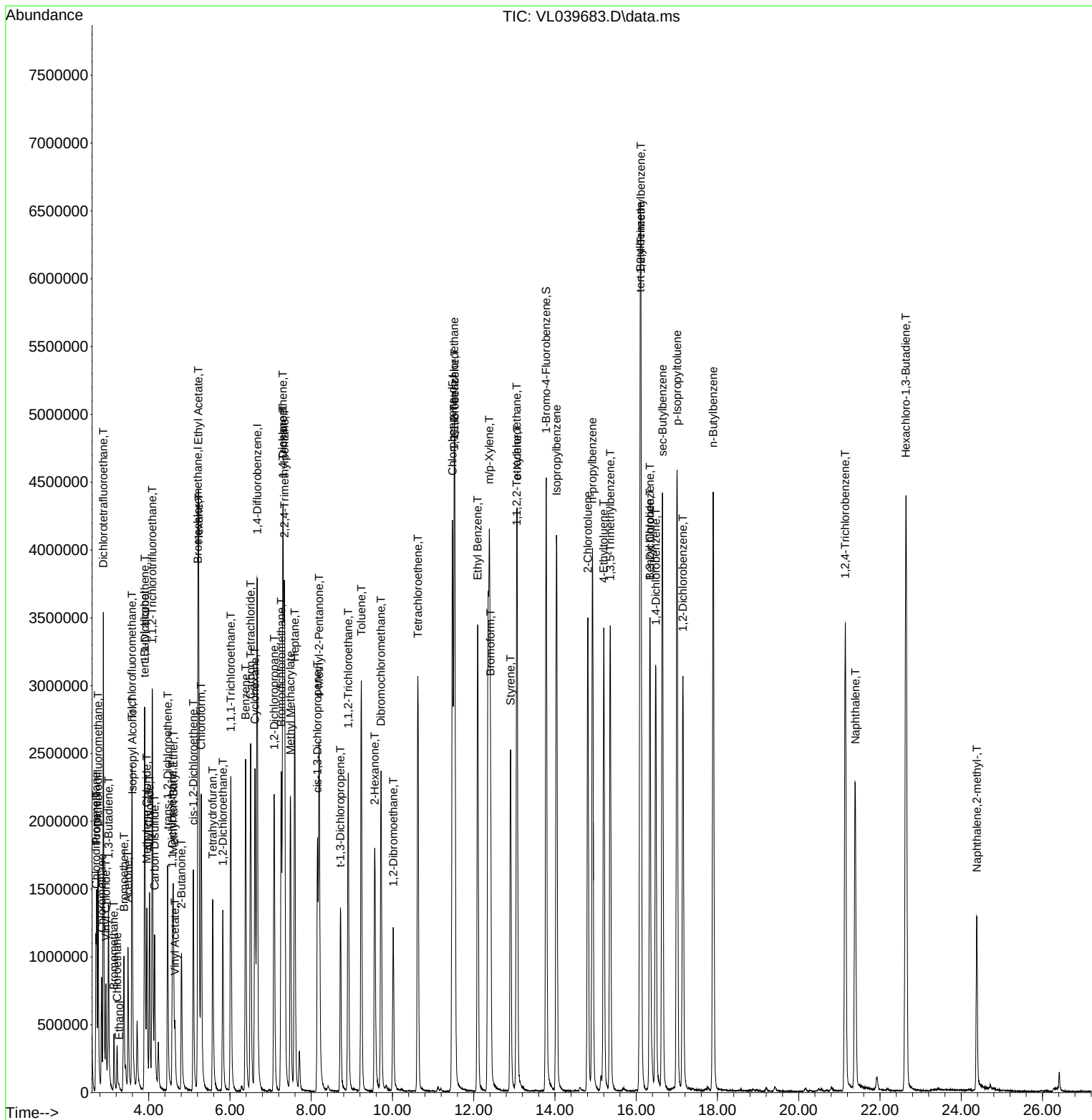
Instrument :
 MSVOA_L
 ClientSampleId :
 VL1004ABS01

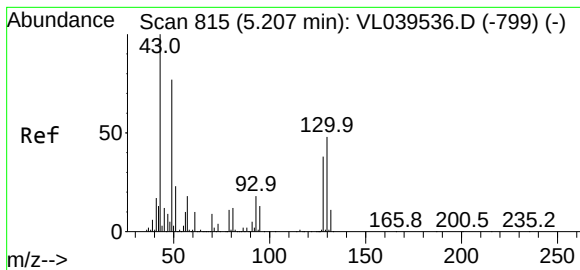
Quant Time: Oct 05 04:40:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091922AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Mon Sep 19 14:26:28 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.156	75	1081674	10.812	ppbv	98
47) 1,1,2-Trichloroethane	8.912	97	868905	9.024	ppbv	98
48) Dibromochloromethane	9.719	129	1485538	10.245	ppbv	99
49) Bromoform	12.413	173	1221509	10.185	ppbv	99
50) 4-Methyl-2-Pentanone	8.195	43	2242723	9.738	ppbv	97
51) 2-Hexanone	9.561	43	1710485	10.033	ppbv #	99
52) Tetrachloroethene	10.629	164	794675	9.130	ppbv	96
53) Toluene	9.234	91	2479016	9.770	ppbv	99
54) 1,2-Dibromoethane	10.021	107	1005781	9.764	ppbv	100
56) 1,1,1,2-Tetrachloroethane	11.516	131	1073564	7.641	ppbv	97
57) Chlorobenzene	11.536	112	1871406	7.319	ppbv	99
58) Ethyl Benzene	12.098	91	3189736	7.957	ppbv	99
59) m/p-Xylene	12.385	91	2650803	7.430	ppbv #	25
60) o-Xylene	13.069	91	2603451	7.642	ppbv	99
61) Styrene	12.909	104	1547520	8.434	ppbv	98
62) Isopropylbenzene	14.040	105	3796408	7.405	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.057	83	968560	7.127	ppbv	100
64) n-propylbenzene	14.925	120	974770	7.425	ppbv	96
65) tert-Butylbenzene	16.101	119	3328059	7.348	ppbv	99
66) Benzyl Chloride	16.336	91	259097	7.185	ppbv	96
67) sec-Butylbenzene	16.648	105	4588530	7.223	ppbv	99
69) p-Isopropyltoluene	17.005	119	3861592	7.397	ppbv	99
70) n-Butylbenzene	17.896	91	3870289	7.563	ppbv	99
71) 2-Chlorotoluene	14.809	91	2720493	7.350	ppbv	100
72) 4-Ethyltoluene	15.201	105	3037487	7.810	ppbv	100
73) 1,3,5-Trimethylbenzene	15.362	105	2704884	7.600	ppbv	100
74) 1,2,4-Trimethylbenzene	16.117	105	2900428	7.270	ppbv	99
75) 1,3-Dichlorobenzene	16.336	146	1752249	7.361	ppbv	99
76) 1,4-Dichlorobenzene	16.484	146	1694007	7.114	ppbv	99
77) 1,2-Dichlorobenzene	17.150	146	1692800	7.293	ppbv	99
78) Hexachloro-1,3-Butadiene	22.638	225	1361635	7.677	ppbv	99
79) Naphthalene	21.394	128	2883679	10.953	ppbv	100
80) Naphthalene,2-methyl-	24.384	142	829505	8.380	ppbv	99
81) 1,2,4-Trichlorobenzene	21.146	180	1611775	9.321	ppbv	99

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

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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



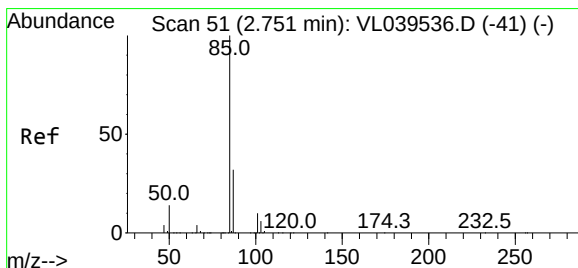
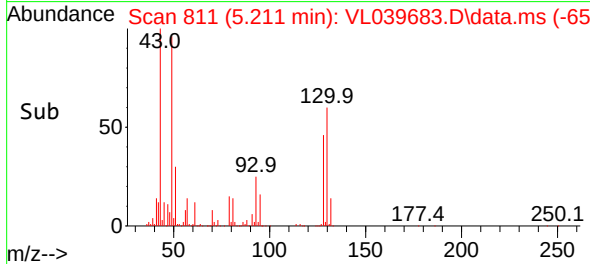
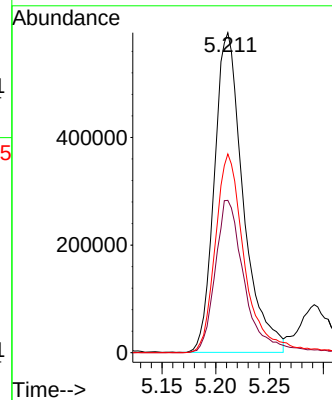
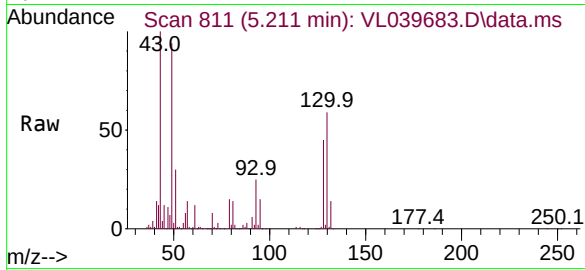


#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.211 min Scan# 81
 Delta R.T. 0.004 min
 Lab File: VL039683.D
 Acq: 4 Oct 2022 16:29

Instrument :
 MSVOA_L
 ClientSampleId :
 VL1004ABS01

Tgt Ion: 49 Resp: 1109627

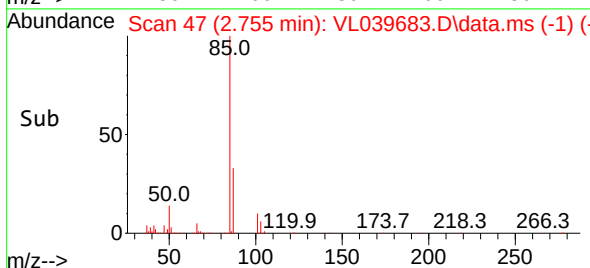
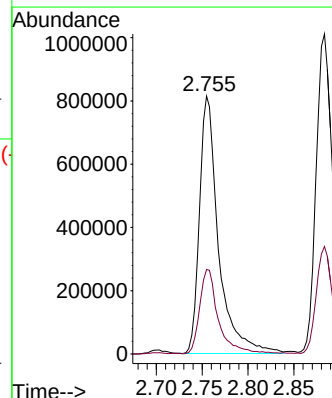
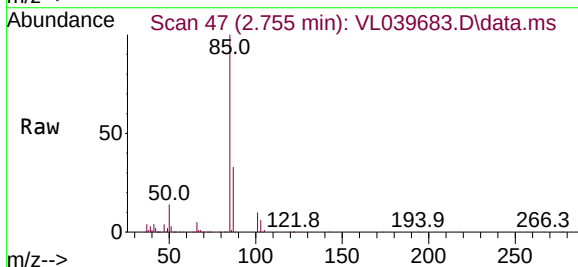
Ion	Ratio	Lower	Upper
49	100		
128	49.5	26.7	80.0
130	64.6	34.3	102.8

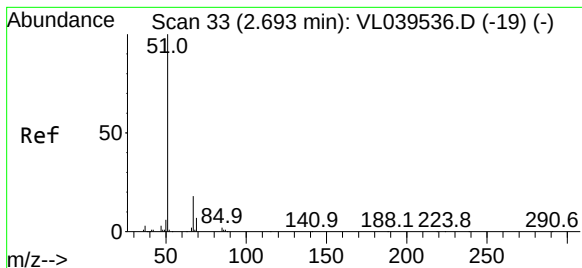


#2
 Dichlorodifluoromethane
 Concen: 9.140 ppbv
 RT: 2.755 min Scan# 47
 Delta R.T. 0.004 min
 Lab File: VL039683.D
 Acq: 4 Oct 2022 16:29

Tgt Ion: 85 Resp: 1175815

Ion	Ratio	Lower	Upper
85	100		
87	32.7	26.7	40.1

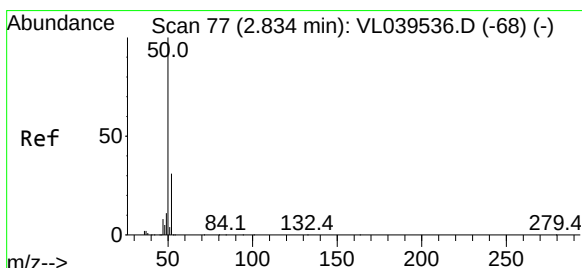
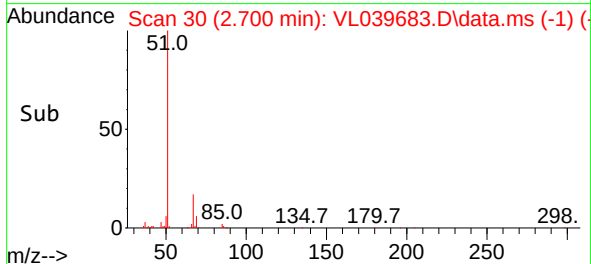
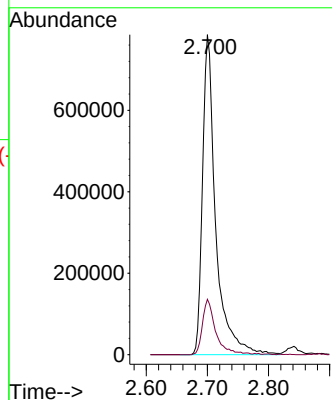
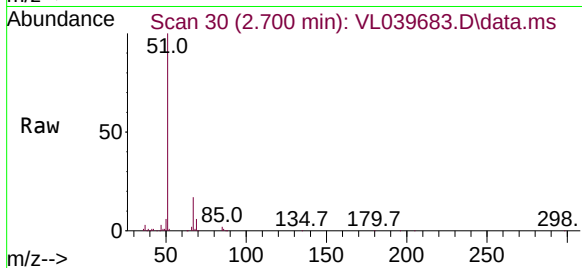




#3
 Chlorodifluoromethane
 Concen: 8.917 ppbv
 RT: 2.700 min Scan# 30
 Delta R.T. 0.007 min
 Lab File: VL039683.D
 Acq: 4 Oct 2022 16:29

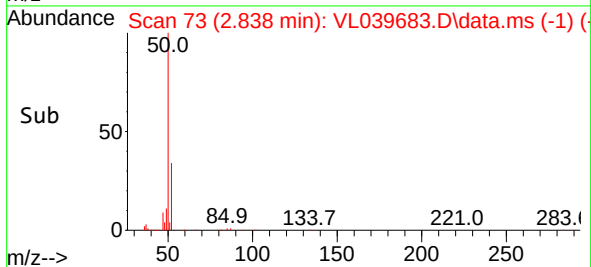
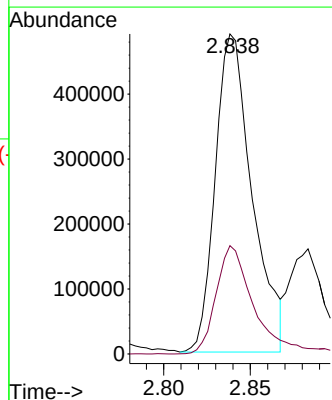
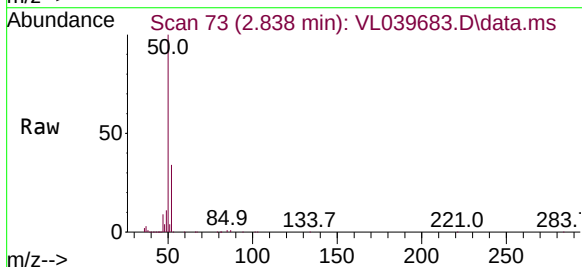
Instrument :
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 ClientSampleId :
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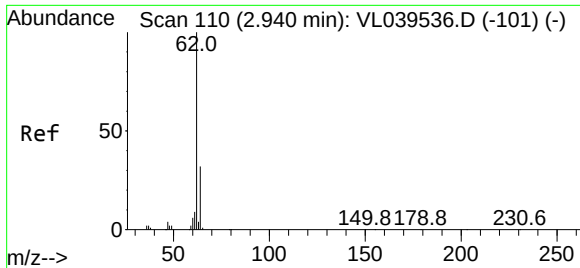
Tgt Ion: 51 Resp: 1174195
 Ion Ratio Lower Upper
 51 100
 67 17.8 15.7 23.5



#4
 Chloromethane
 Concen: 9.127 ppbv
 RT: 2.838 min Scan# 73
 Delta R.T. 0.004 min
 Lab File: VL039683.D
 Acq: 4 Oct 2022 16:29

Tgt Ion: 50 Resp: 725245
 Ion Ratio Lower Upper
 50 100
 52 34.0 26.5 39.7

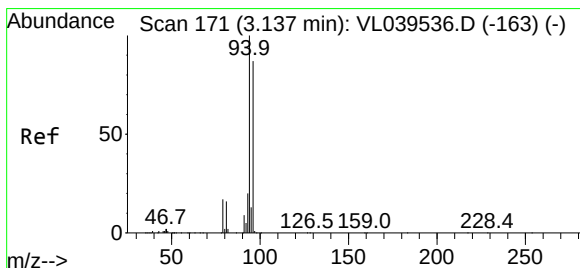
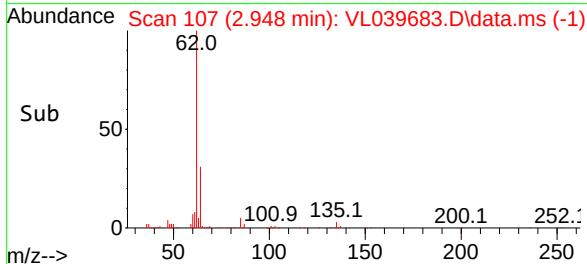
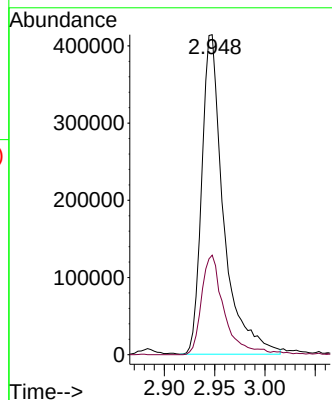
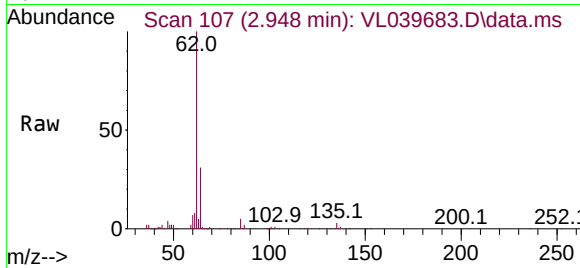




#5
 Vinyl Chloride
 Concen: 9.440 ppbv
 RT: 2.948 min Scan# 107
 Delta R.T. 0.007 min
 Lab File: VL039683.D
 Acq: 4 Oct 2022 16:29

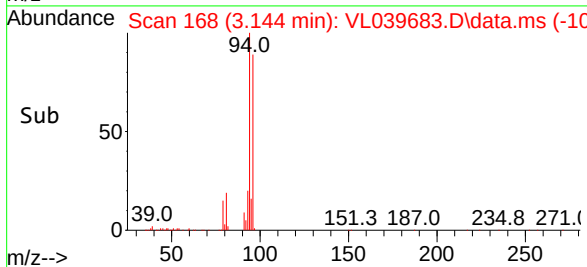
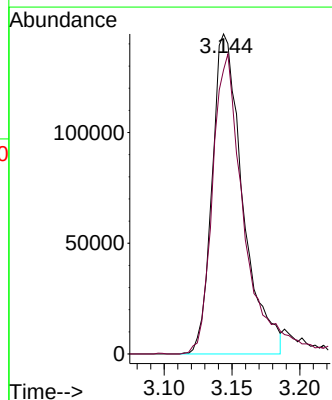
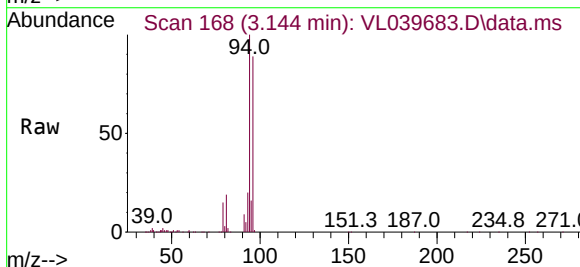
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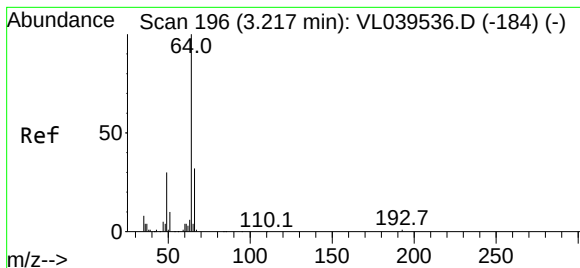
Tgt Ion: 62 Resp: 625241
 Ion Ratio Lower Upper
 62 100
 64 31.1 24.6 36.8



#6
 Bromomethane
 Concen: 9.311 ppbv
 RT: 3.144 min Scan# 168
 Delta R.T. 0.007 min
 Lab File: VL039683.D
 Acq: 4 Oct 2022 16:29

Tgt Ion: 94 Resp: 227447
 Ion Ratio Lower Upper
 94 100
 96 88.8 75.6 113.4

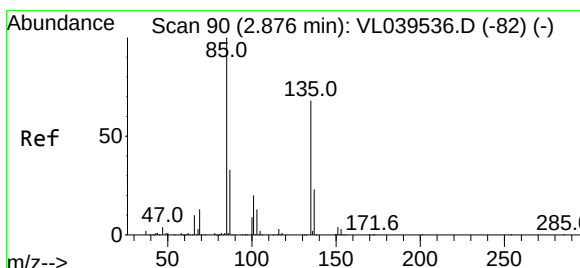
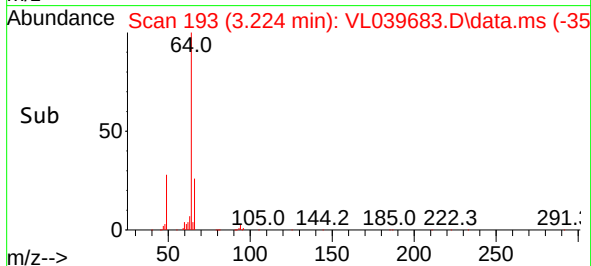
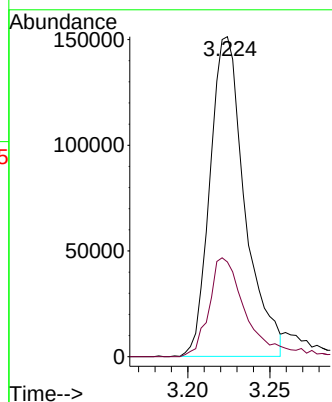
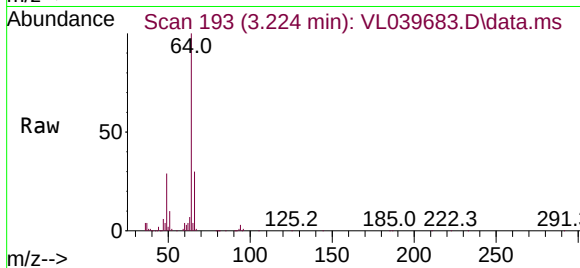




#7
Chloroethane
Concen: 9.195 ppbv
RT: 3.224 min Scan# 196
Delta R.T. 0.007 min
Lab File: VL039683.D
Acq: 4 Oct 2022 16:29

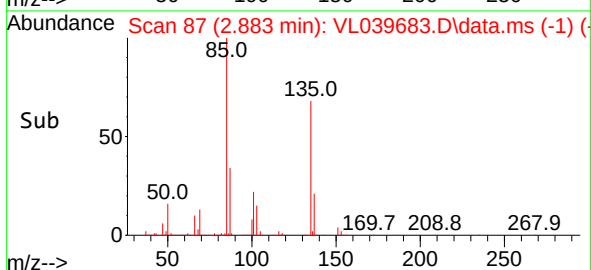
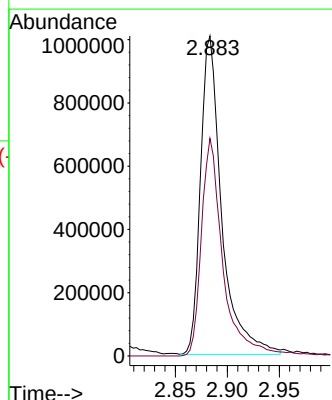
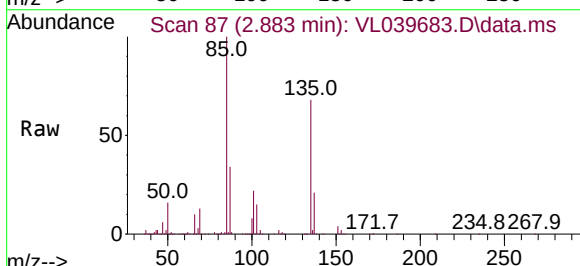
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ClientSampleId :
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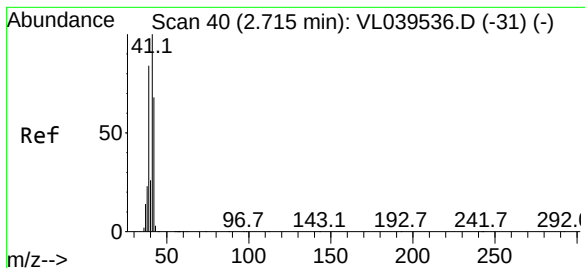
Tgt Ion: 64 Resp: 222736
Ion Ratio Lower Upper
64 100
66 29.6 24.7 37.1



#8
Dichlorotetrafluoroethane
Concen: 9.255 ppbv
RT: 2.883 min Scan# 87
Delta R.T. 0.007 min
Lab File: VL039683.D
Acq: 4 Oct 2022 16:29

Tgt Ion: 85 Resp: 1428078
Ion Ratio Lower Upper
85 100
135 70.3 59.0 88.4





#9

Propene

Concen: 8.968 ppbv

RT: 2.719 min Scan# 30

Delta R.T. 0.004 min

Lab File: VL039683.D

Acq: 4 Oct 2022 16:29

Instrument :

MSVOA_1

ClientSampleId :

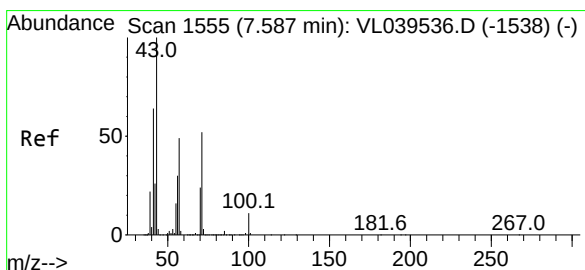
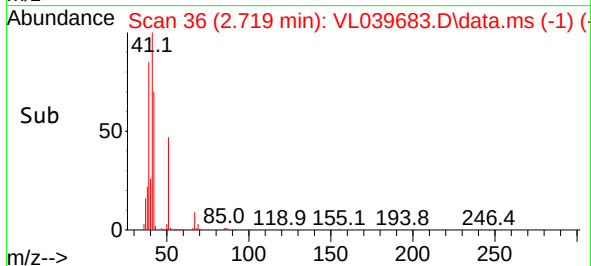
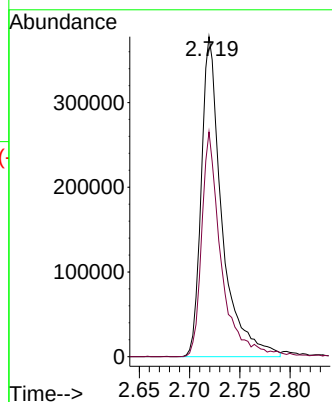
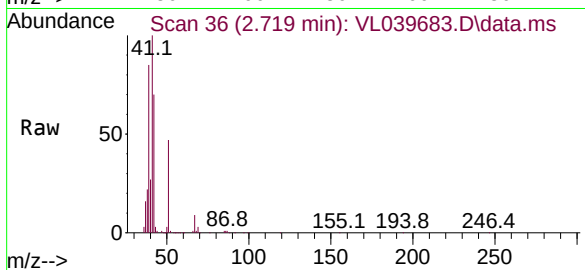
VL1004ABS01

Tgt Ion: 41 Resp: 539355

Ion Ratio Lower Upper

41 100

42 67.6 55.2 82.8



#10

Heptane

Concen: 9.758 ppbv

RT: 7.594 min Scan# 1552

Delta R.T. 0.007 min

Lab File: VL039683.D

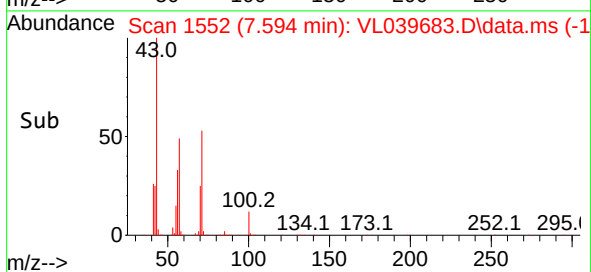
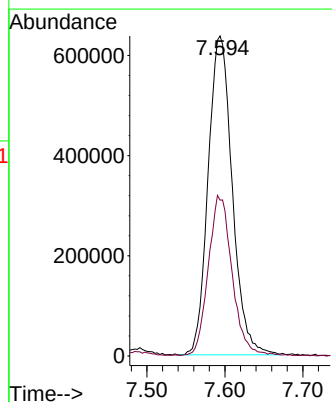
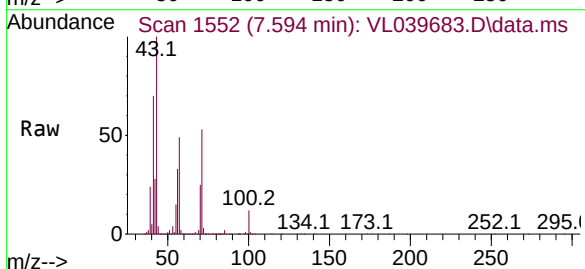
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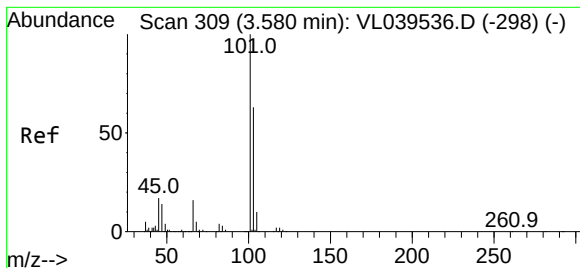
Tgt Ion: 43 Resp: 1369504

Ion Ratio Lower Upper

43 100

57 49.8 40.5 60.7

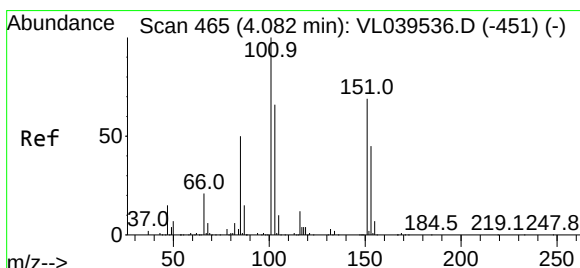
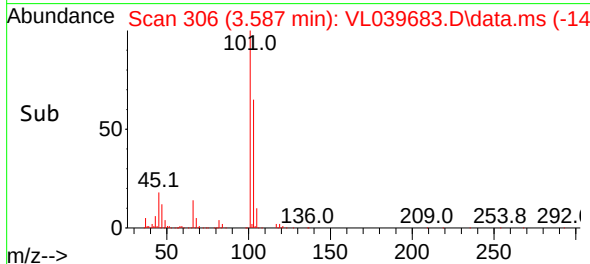
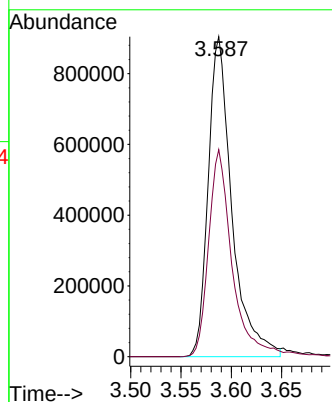
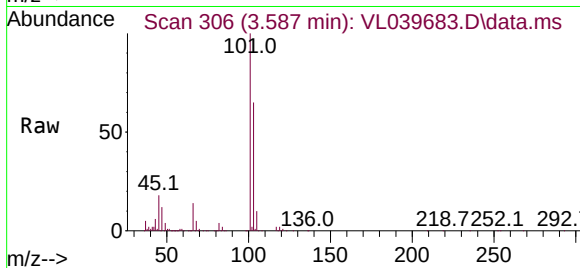




#11
 Trichlorofluoromethane
 Concen: 9.295 ppbv
 RT: 3.587 min Scan# 309
 Delta R.T. 0.007 min
 Lab File: VL039683.D
 Acq: 4 Oct 2022 16:29

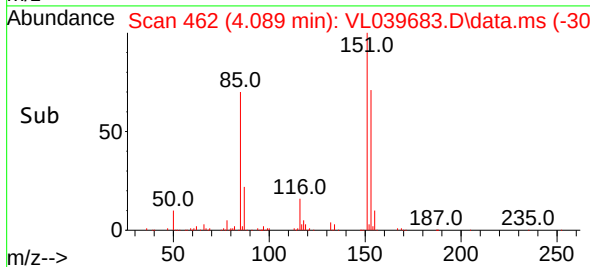
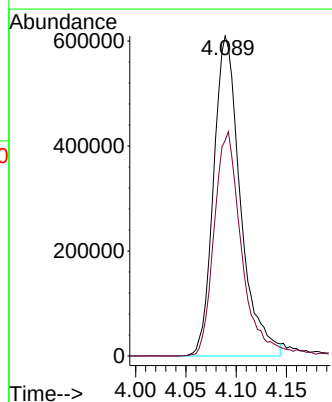
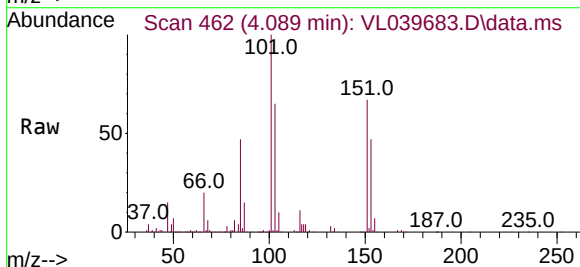
Instrument :
 MSVOA_L
 ClientSampleId :
 VL1004ABS01

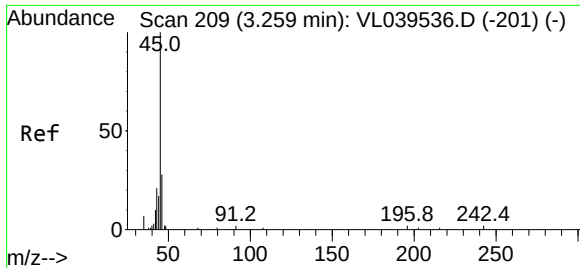
Tgt Ion:101 Resp: 1480761
 Ion Ratio Lower Upper
 101 100
 103 64.7 51.8 77.8



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 9.396 ppbv
 RT: 4.089 min Scan# 462
 Delta R.T. 0.007 min
 Lab File: VL039683.D
 Acq: 4 Oct 2022 16:29

Tgt Ion:101 Resp: 1130583
 Ion Ratio Lower Upper
 101 100
 151 73.2 58.9 88.3





#13

Ethanol

Concen: 2.641 ppbv

RT: 3.269 min Scan# 209

Delta R.T. 0.010 min

Lab File: VL039683.D

Acq: 4 Oct 2022 16:29

Instrument :

MSVOA_L

ClientSampleId :

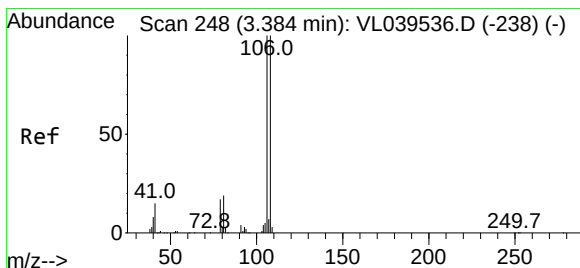
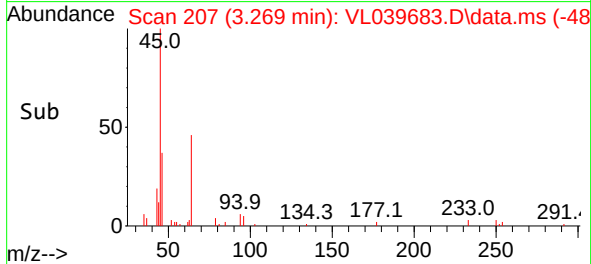
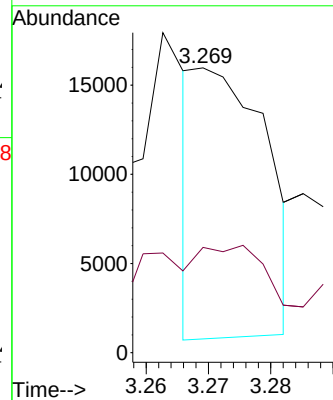
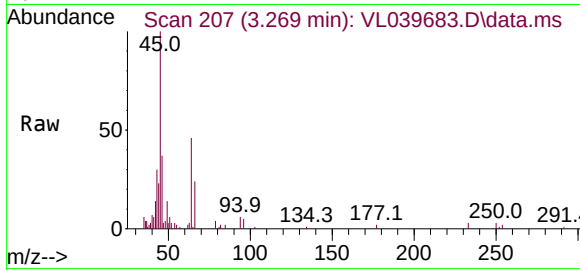
VL1004ABS01

Tgt Ion: 45 Resp: 12102

Ion Ratio Lower Upper

45 100

46 129.8 22.8 91.2#



#14

Bromoethene

Concen: 9.677 ppbv

RT: 3.391 min Scan# 245

Delta R.T. 0.007 min

Lab File: VL039683.D

Acq: 4 Oct 2022 16:29

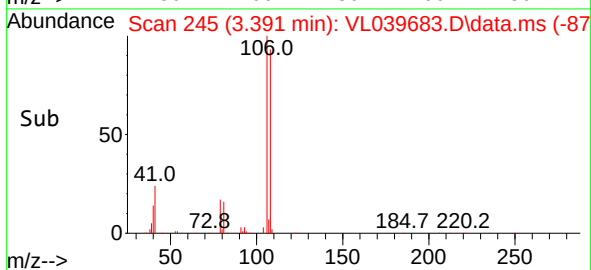
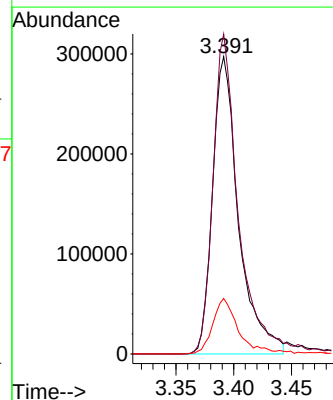
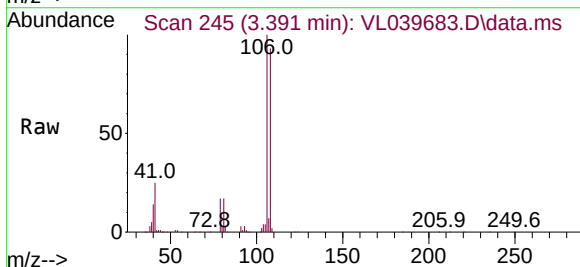
Tgt Ion: 108 Resp: 464871

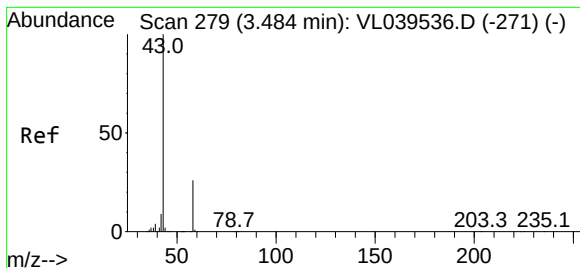
Ion Ratio Lower Upper

108 100

106 108.6 87.1 130.7

79 19.6 14.6 22.0





#15

Acetone

Concen: 8.962 ppbv

RT: 3.491 min Scan# 21

Delta R.T. 0.007 min

Lab File: VL039683.D

Acq: 4 Oct 2022 16:29

Instrument :

MSVOA_L

ClientSampleId :

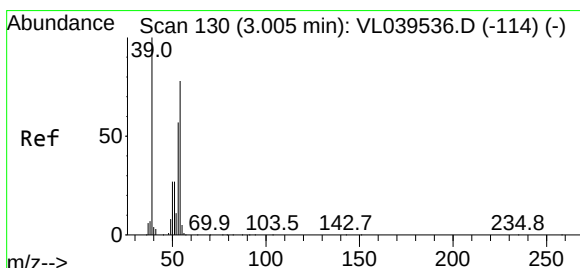
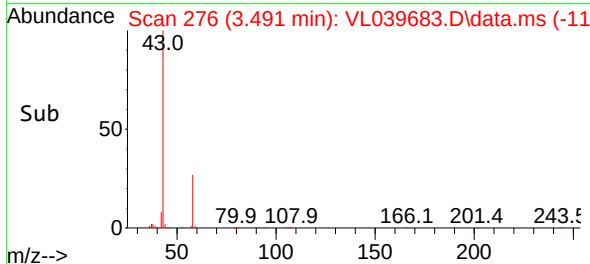
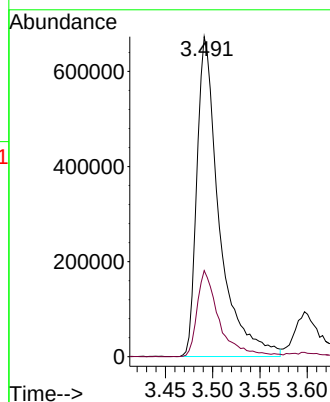
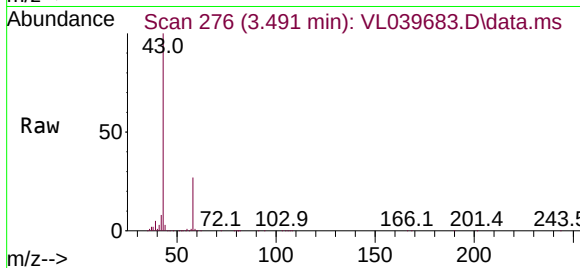
VL1004ABS01

Tgt Ion: 43 Resp: 1106545

Ion Ratio Lower Upper

43 100

58 26.6 21.0 31.6



#16

1,3-Butadiene

Concen: 9.541 ppbv

RT: 3.012 min Scan# 127

Delta R.T. 0.007 min

Lab File: VL039683.D

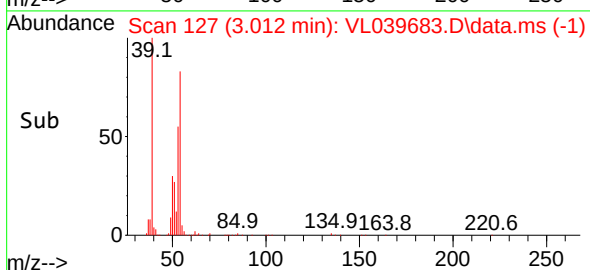
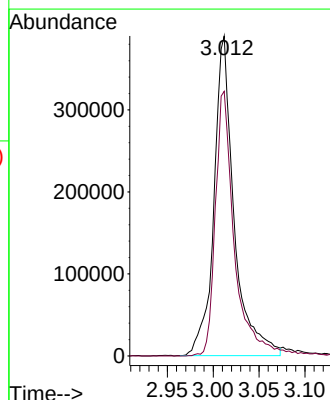
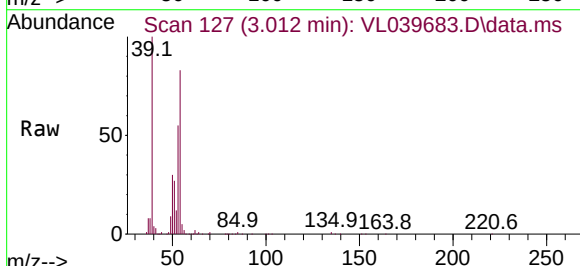
Acq: 4 Oct 2022 16:29

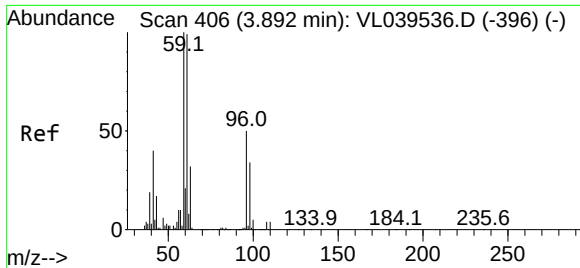
Tgt Ion: 39 Resp: 597604

Ion Ratio Lower Upper

39 100

54 79.3 63.7 95.5

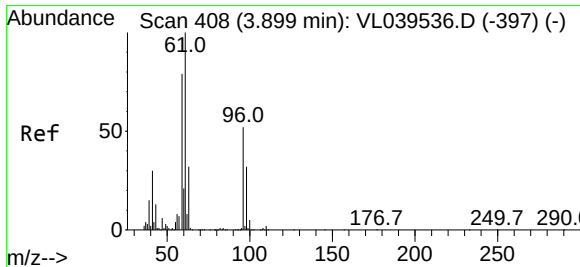
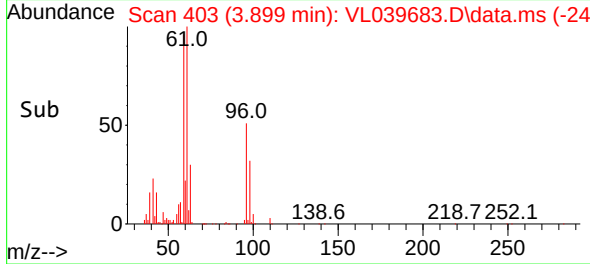
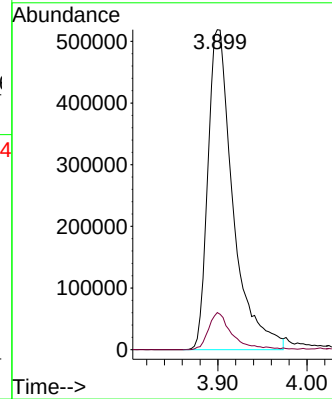
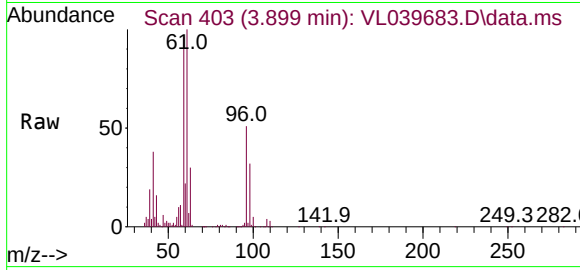




#17
tert-Butyl alcohol
Concen: 9.193 ppbv
RT: 3.899 min Scan# 406
Delta R.T. 0.007 min
Lab File: VL039683.D
Acq: 4 Oct 2022 16:29

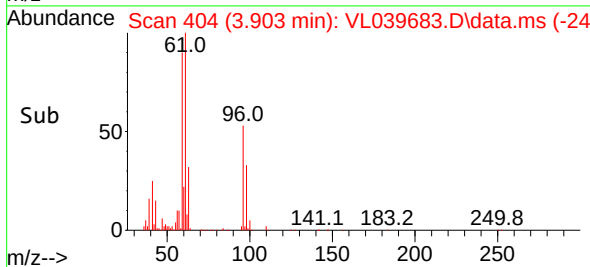
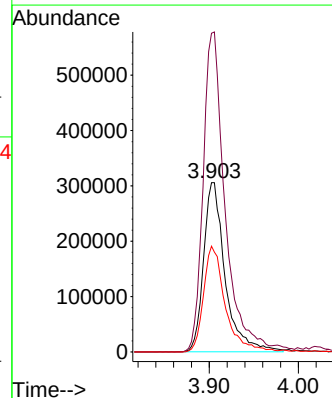
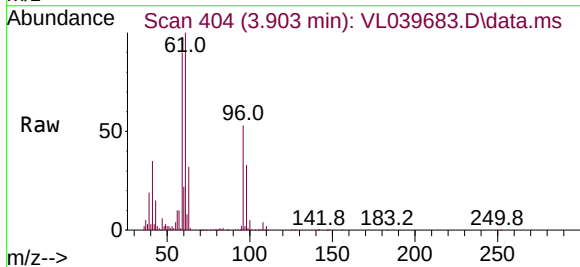
Instrument :
MSVOA_L
ClientSampleId :
VL1004ABS01

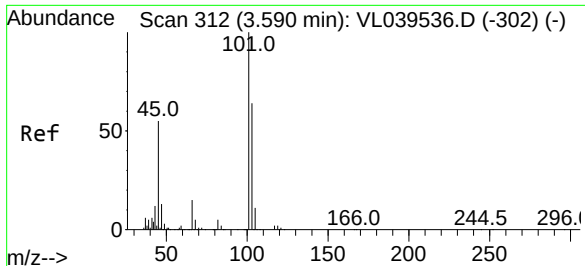
Tgt Ion: 59 Resp: 1018671
Ion Ratio Lower Upper
59 100
57 11.1 8.7 13.1



#18
1,1-Dichloroethene
Concen: 9.720 ppbv
RT: 3.903 min Scan# 404
Delta R.T. 0.004 min
Lab File: VL039683.D
Acq: 4 Oct 2022 16:29

Tgt Ion: 96 Resp: 514576
Ion Ratio Lower Upper
96 100
61 188.3 152.2 228.4
98 62.6 51.8 77.6

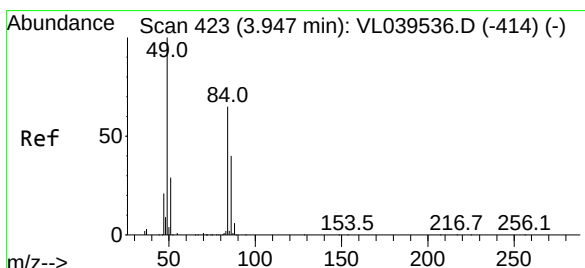
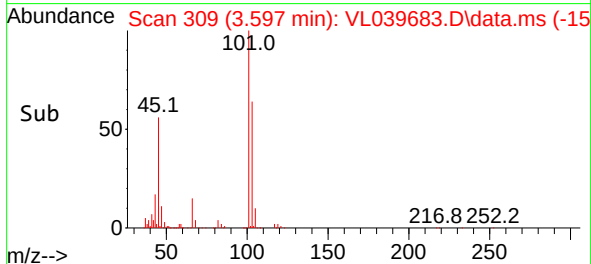
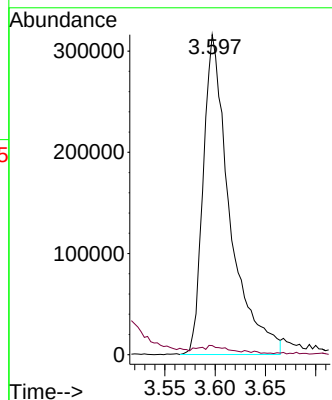
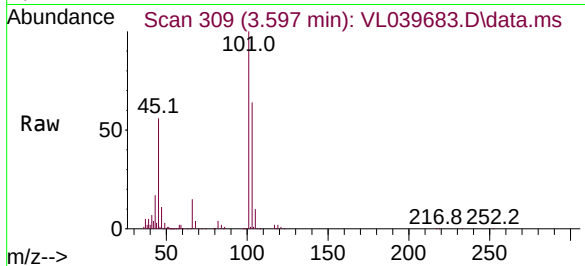




#19
Isopropyl Alcohol
Concen: 9.204 ppbv
RT: 3.597 min Scan# 309
Delta R.T. 0.007 min
Lab File: VL039683.D
Acq: 4 Oct 2022 16:29

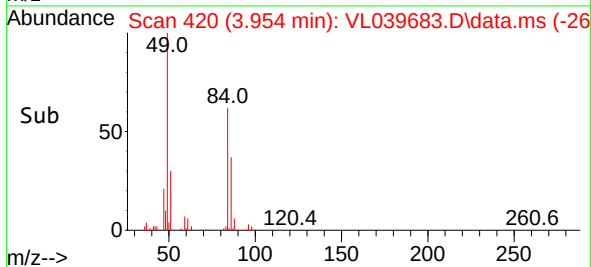
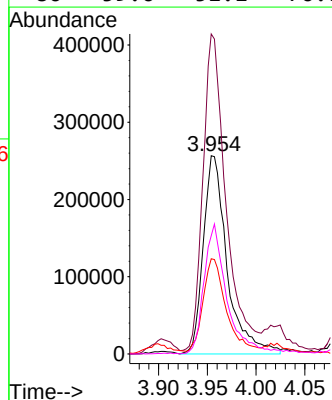
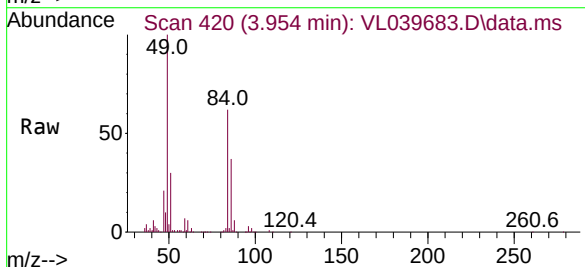
Instrument :
MSVOA_L
ClientSampleId :
VL1004ABS01

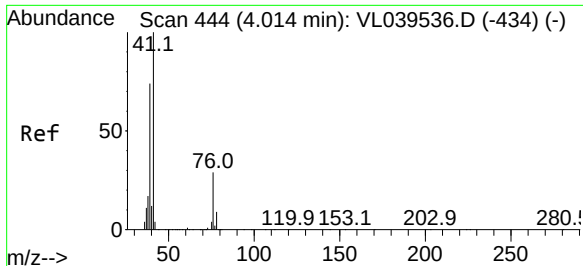
Tgt Ion: 45 Resp: 579267
Ion Ratio Lower Upper
45 100
58 3.6 3.2 4.8



#20
Methylene Chloride
Concen: 7.685 ppbv
RT: 3.954 min Scan# 420
Delta R.T. 0.007 min
Lab File: VL039683.D
Acq: 4 Oct 2022 16:29

Tgt Ion: 84 Resp: 438732
Ion Ratio Lower Upper
84 100
49 159.7 123.1 184.7
51 46.3 34.4 51.6
86 59.6 51.1 76.7

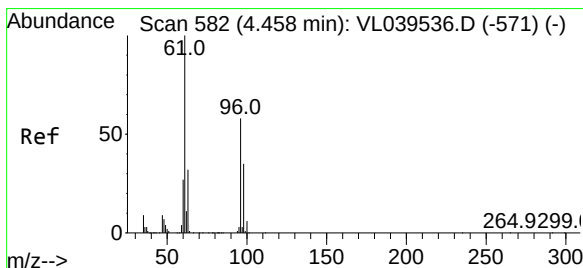
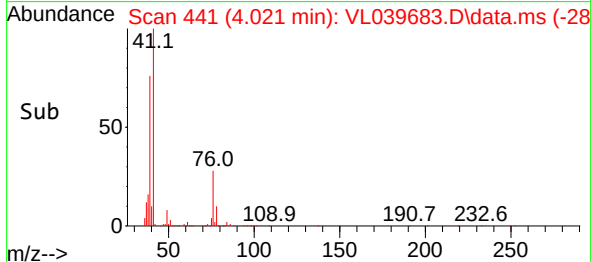
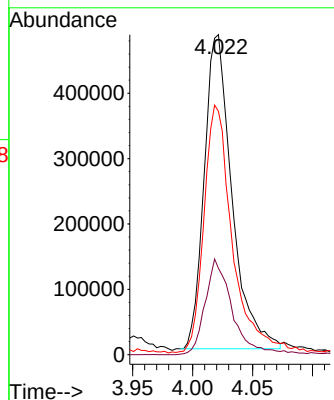
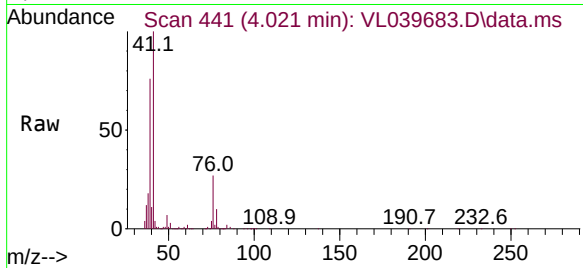




#21
 Allyl Chloride
 Concen: 9.221 ppbv
 RT: 4.021 min Scan# 41
 Delta R.T. 0.007 min
 Lab File: VL039683.D
 Acq: 4 Oct 2022 16:29

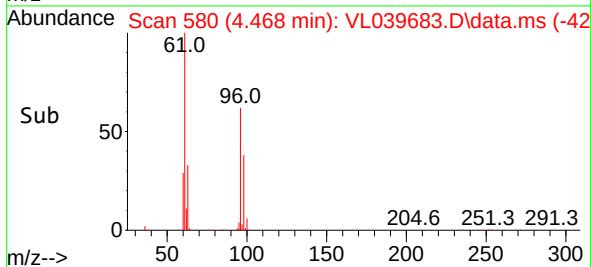
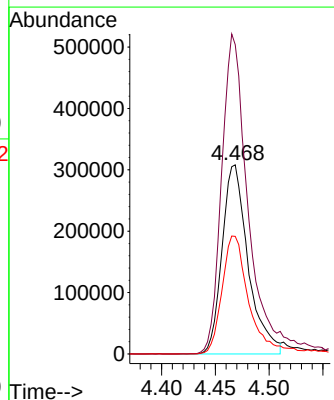
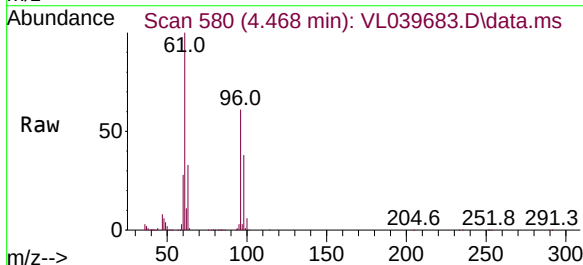
Instrument :
 MSVOA_L
 ClientSampleId :
 VL1004ABS01

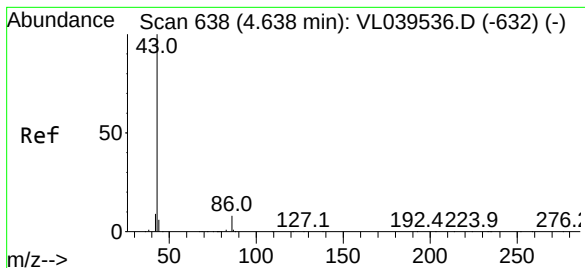
Tgt Ion: 41 Resp: 775274
 Ion Ratio Lower Upper
 41 100
 76 29.9 24.4 36.6
 39 83.3 63.5 95.3



#22
 trans-1,2-Dichloroethene
 Concen: 9.930 ppbv
 RT: 4.468 min Scan# 580
 Delta R.T. 0.010 min
 Lab File: VL039683.D
 Acq: 4 Oct 2022 16:29

Tgt Ion: 96 Resp: 520081
 Ion Ratio Lower Upper
 96 100
 61 163.5 130.6 195.8
 98 62.2 53.4 80.0



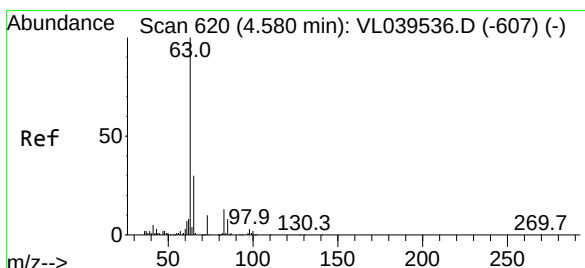
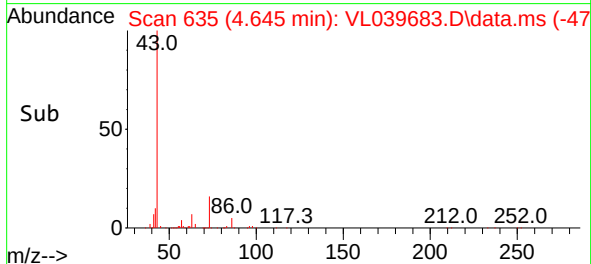
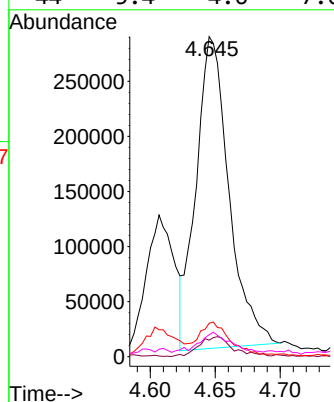
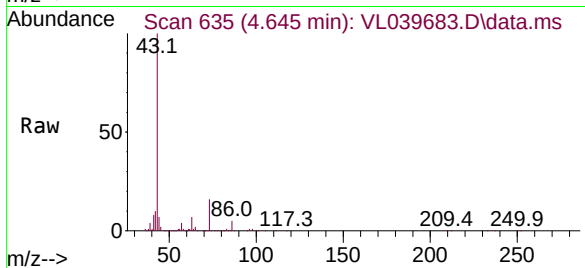


#23
 Vinyl Acetate
 Concen: 8.938 ppbv
 RT: 4.645 min Scan# 616
 Delta R.T. 0.007 min
 Lab File: VL039683.D
 Acq: 4 Oct 2022 16:29

Instrument :
 MSVOA_1
 ClientSampleId :
 VL1004ABS01

Tgt Ion: 43 Resp: 498901

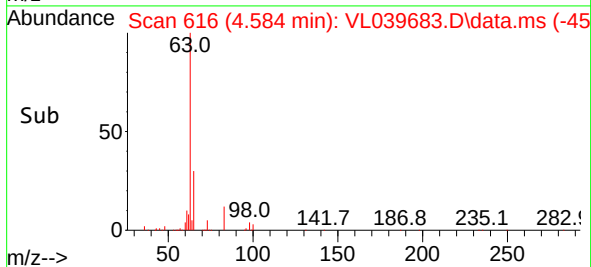
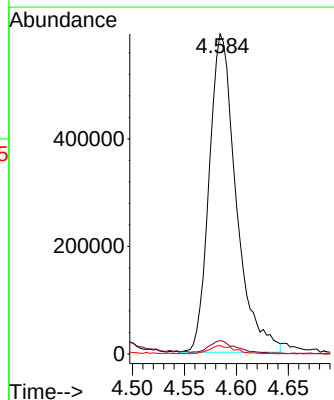
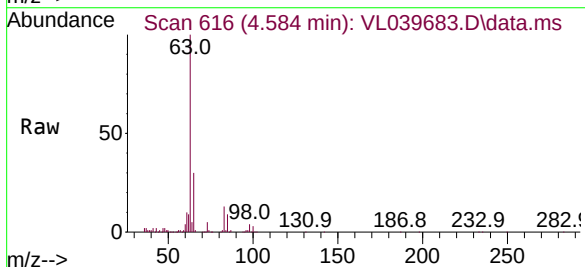
Ion	Ratio	Lower	Upper
43	100		
86	4.9	5.0	7.6
42	10.0	7.7	11.5
44	5.4	4.6	7.0

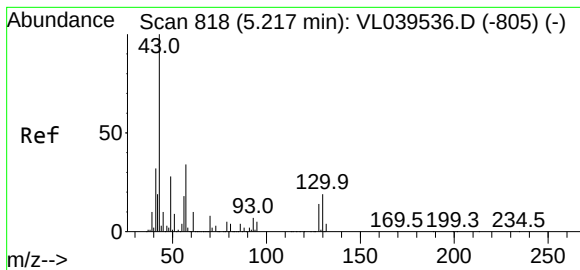


#24
 1,1-Dichloroethane
 Concen: 9.595 ppbv
 RT: 4.584 min Scan# 616
 Delta R.T. 0.004 min
 Lab File: VL039683.D
 Acq: 4 Oct 2022 16:29

Tgt Ion: 63 Resp: 1066543

Ion	Ratio	Lower	Upper
63	100		
98	3.9	1.8	5.3
100	2.5	1.5	4.4



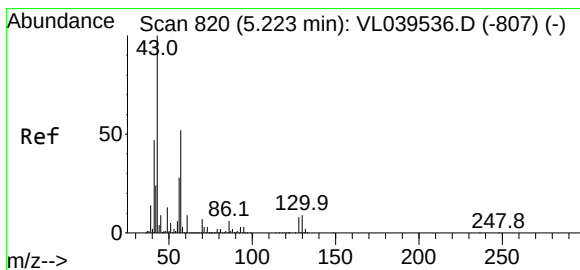
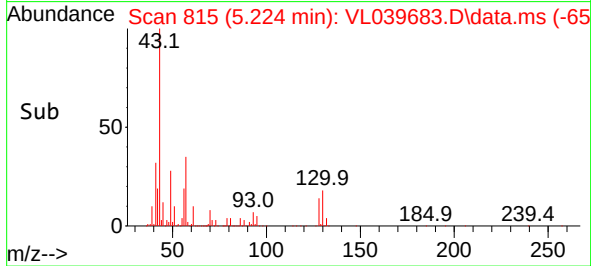
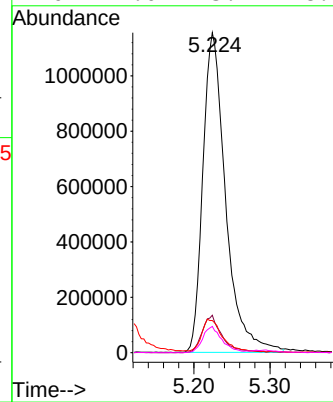
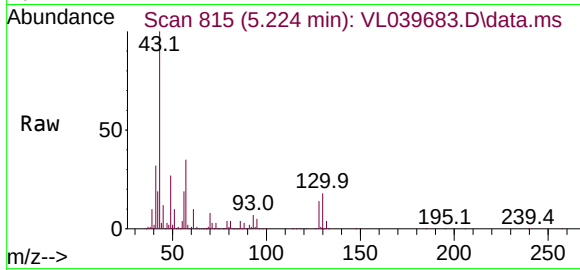


#25
Ethyl Acetate
Concen: 8.908 ppbv
RT: 5.224 min Scan# 815
Delta R.T. 0.007 min
Lab File: VL039683.D
Acq: 4 Oct 2022 16:29

Instrument :
MSVOA_L
ClientSampleId :
VL1004ABS01

Tgt Ion: 43 Resp: 2398476

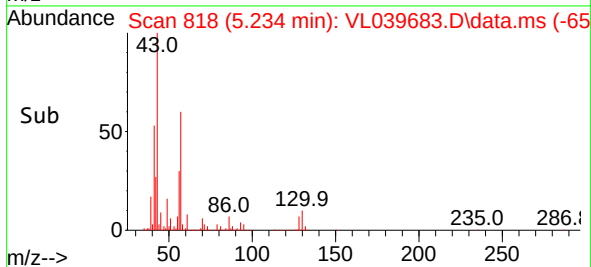
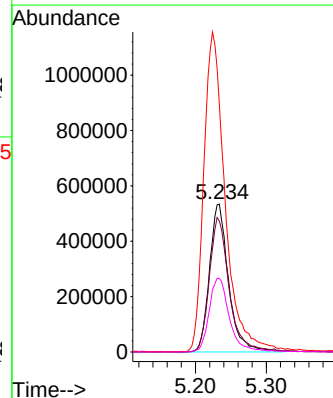
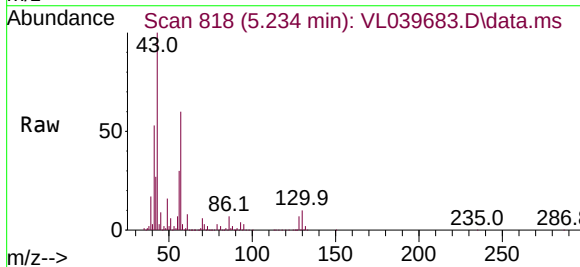
Ion	Ratio	Lower	Upper
43	100		
45	10.5	8.2	12.4
61	9.9	8.3	12.5
70	7.0	5.9	8.9

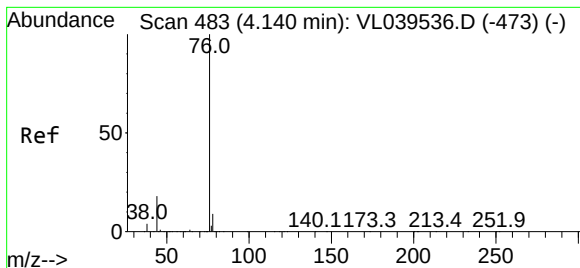


#26
Hexane
Concen: 8.754 ppbv
RT: 5.234 min Scan# 818
Delta R.T. 0.010 min
Lab File: VL039683.D
Acq: 4 Oct 2022 16:29

Tgt Ion: 57 Resp: 1000218

Ion	Ratio	Lower	Upper
57	100		
41	95.0	76.9	115.3
43	242.4	191.0	286.6
56	53.3	43.2	64.8





#27

Carbon Disulfide

Concen: 10.710 ppbv

RT: 4.147 min Scan# 41

Delta R.T. 0.007 min

Lab File: VL039683.D

Acq: 4 Oct 2022 16:29

Instrument :

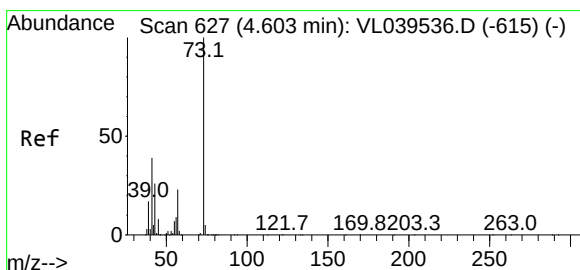
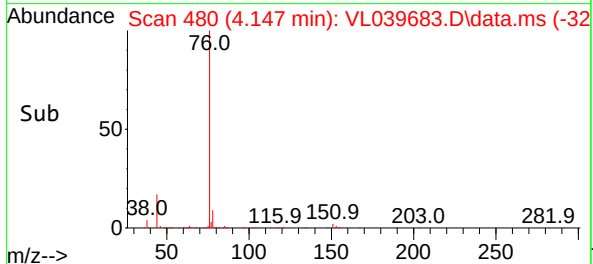
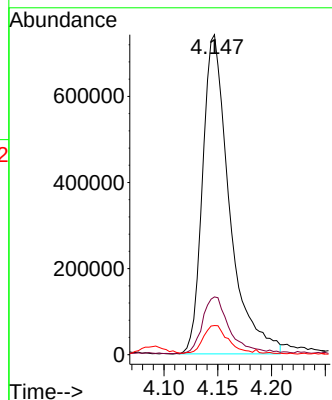
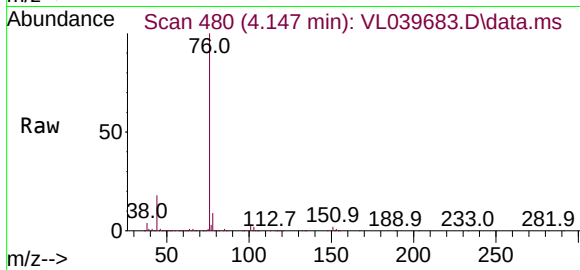
MSVOA_1

ClientSampleId :

VL1004ABS01

Tgt Ion: 76 Resp: 1286030

Ion	Ratio	Lower	Upper
76	100		
44	18.5	14.6	21.8
78	9.6	7.8	11.6



#28

Methyl tert-Butyl Ether

Concen: 9.365 ppbv

RT: 4.610 min Scan# 624

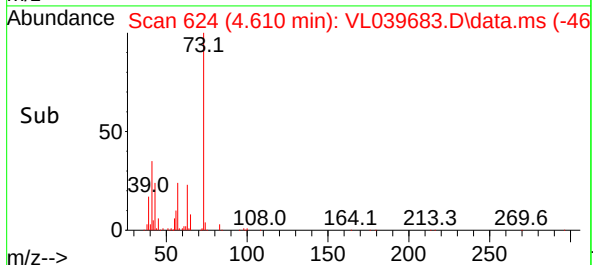
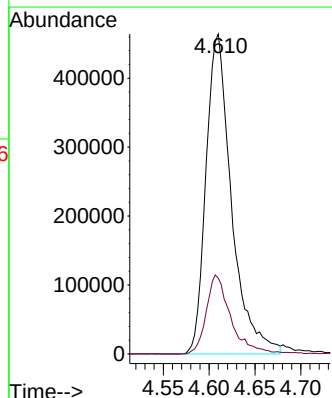
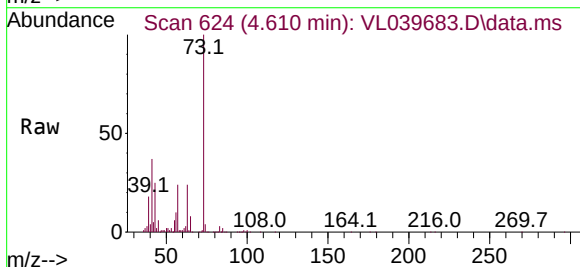
Delta R.T. 0.007 min

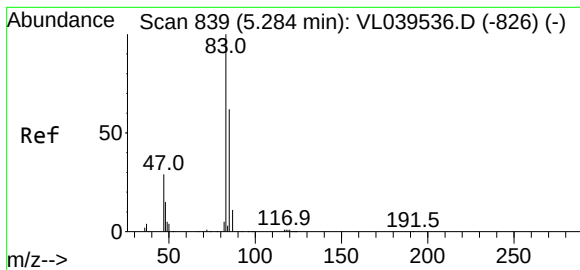
Lab File: VL039683.D

Acq: 4 Oct 2022 16:29

Tgt Ion: 73 Resp: 898974

Ion	Ratio	Lower	Upper
73	100		
57	24.0	19.8	29.8

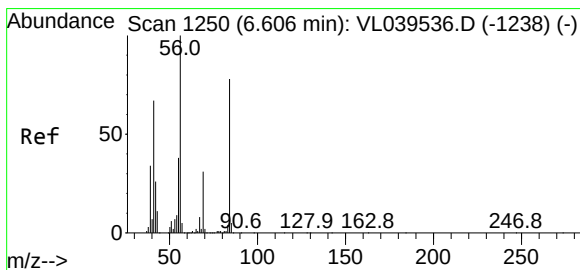
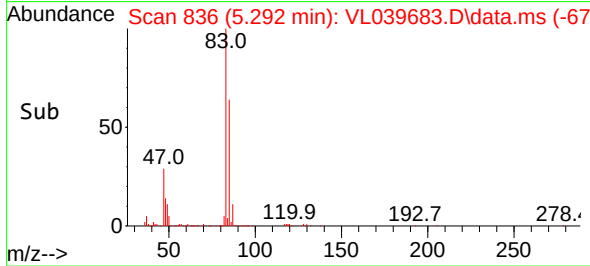
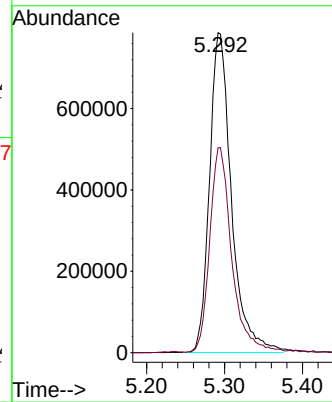
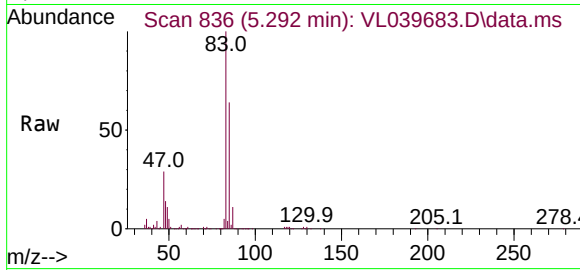




#29
Chloroform
Concen: 9.329 ppbv
RT: 5.292 min Scan# 81
Delta R.T. 0.007 min
Lab File: VL039683.D
Acq: 4 Oct 2022 16:29

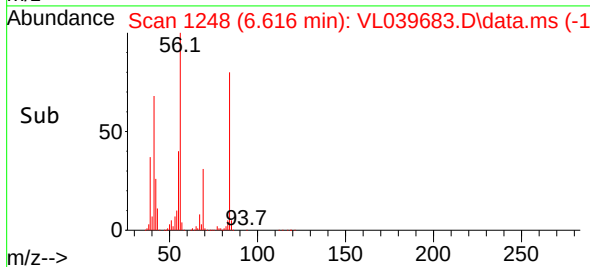
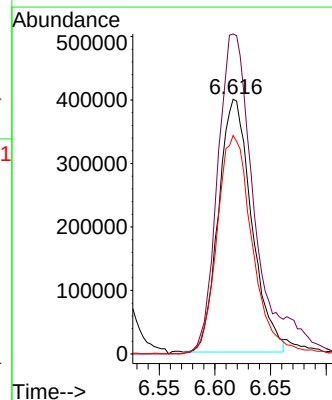
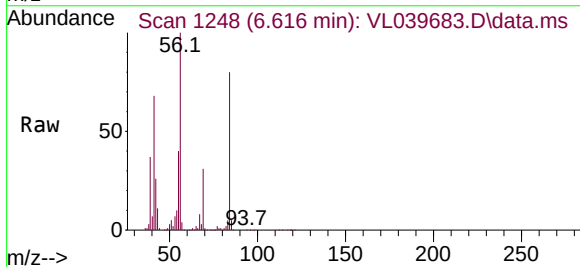
Instrument :
MSVOA_L
ClientSampleId :
VL1004ABS01

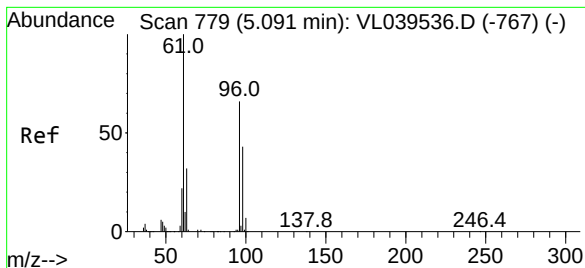
Tgt Ion: 83 Resp: 1538700
Ion Ratio Lower Upper
83 100
85 63.8 52.8 79.2



#30
Cyclohexane
Concen: 9.328 ppbv
RT: 6.616 min Scan# 1248
Delta R.T. 0.010 min
Lab File: VL039683.D
Acq: 4 Oct 2022 16:29

Tgt Ion: 84 Resp: 825320
Ion Ratio Lower Upper
84 100
56 143.2 107.7 161.5
41 91.7 67.7 101.5

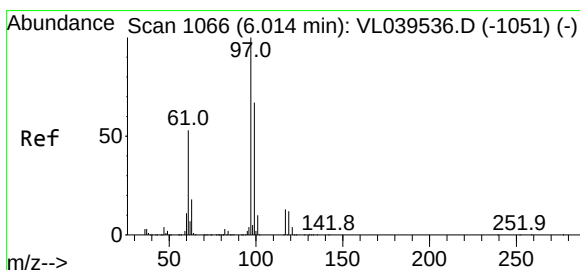
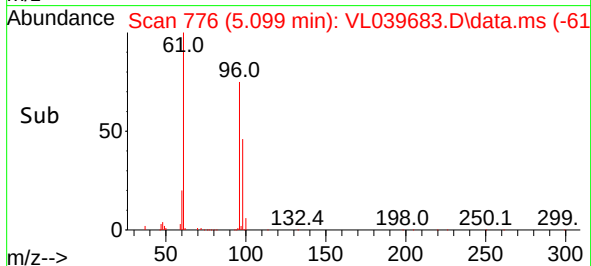
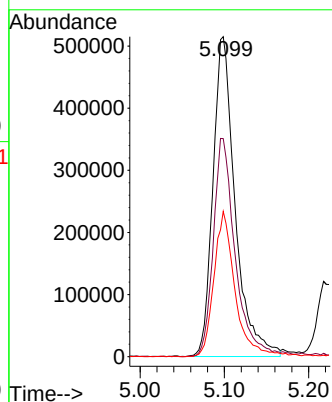
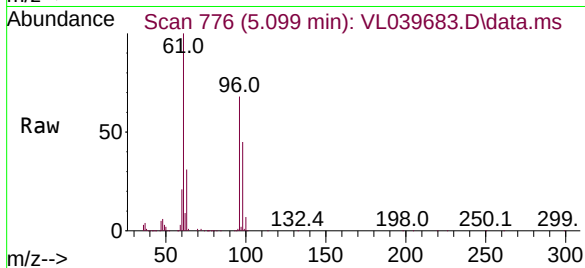




#31
 cis-1,2-Dichloroethene
 Concen: 9.092 ppbv
 RT: 5.099 min Scan# 71
 Delta R.T. 0.007 min
 Lab File: VL039683.D
 Acq: 4 Oct 2022 16:29

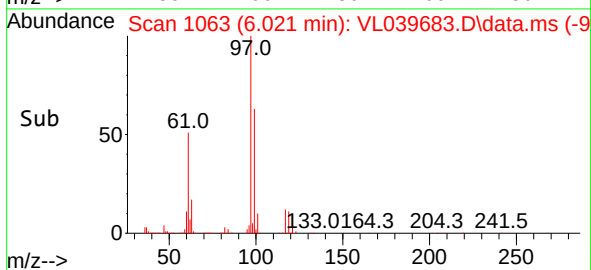
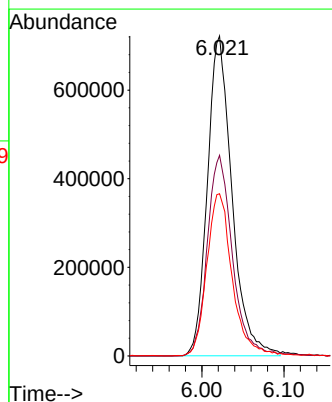
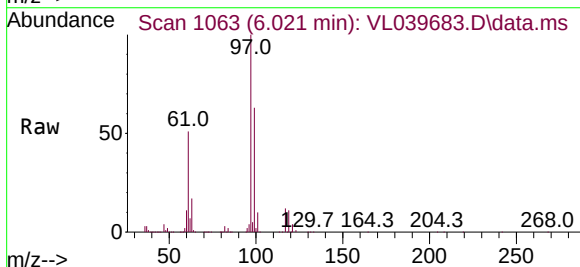
Instrument :
 MSVOA_L
 ClientSampleId :
 VL1004ABS01

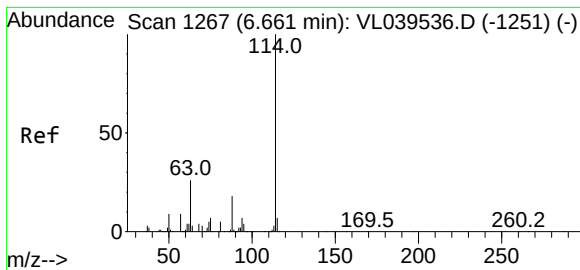
Tgt Ion: 61 Resp: 939521
 Ion Ratio Lower Upper
 61 100
 96 68.2 54.1 81.1
 98 45.4 34.6 52.0



#32
 1,1,1-Trichloroethane
 Concen: 10.057 ppbv
 RT: 6.021 min Scan# 1063
 Delta R.T. 0.007 min
 Lab File: VL039683.D
 Acq: 4 Oct 2022 16:29

Tgt Ion: 97 Resp: 1501748
 Ion Ratio Lower Upper
 97 100
 99 64.7 52.3 78.5
 61 53.0 40.9 61.3

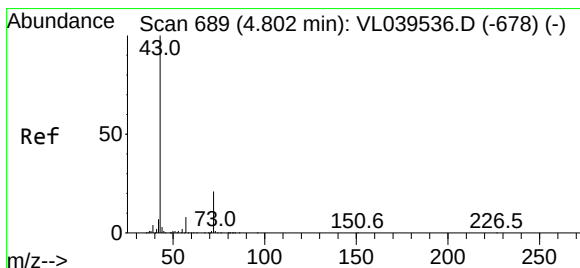
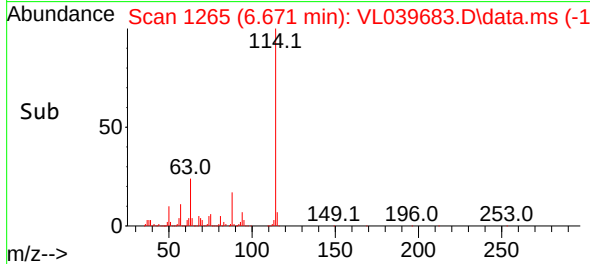
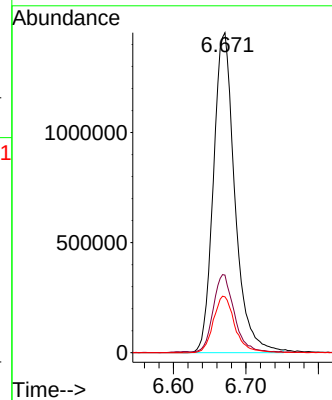
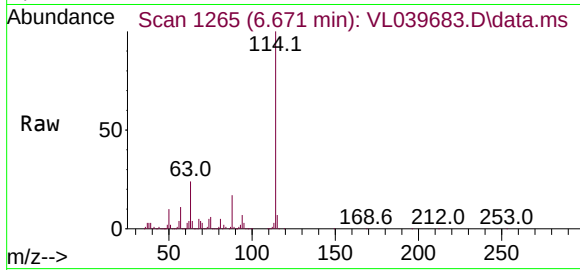




#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.671 min Scan# 114
Delta R.T. 0.010 min
Lab File: VL039683.D
Acq: 4 Oct 2022 16:29

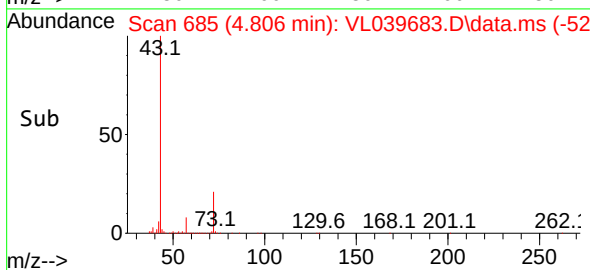
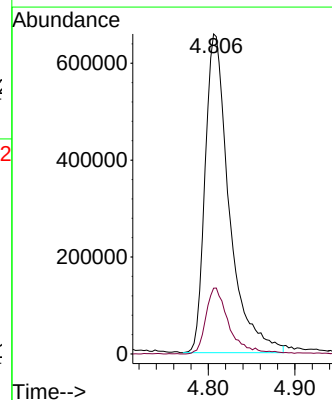
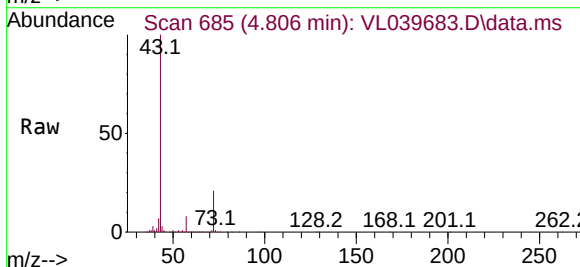
Instrument :
MSVOA_1
ClientSampleId :
VL1004ABS01

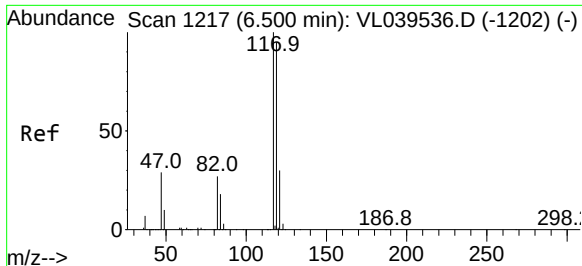
Tgt Ion:114 Resp: 2984046
Ion Ratio Lower Upper
114 100
63 24.7 20.2 30.4
88 17.8 14.5 21.7



#34
2-Butanone
Concen: 8.683 ppbv
RT: 4.806 min Scan# 685
Delta R.T. 0.004 min
Lab File: VL039683.D
Acq: 4 Oct 2022 16:29

Tgt Ion: 43 Resp: 1272679
Ion Ratio Lower Upper
43 100
72 20.5 17.9 26.9



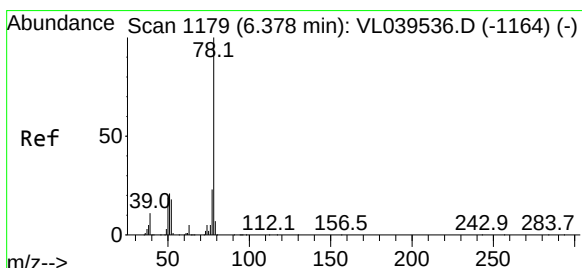
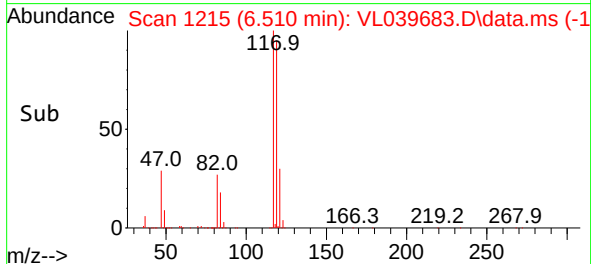
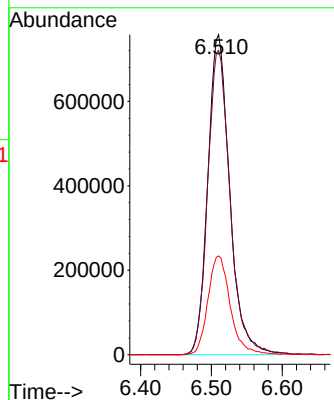
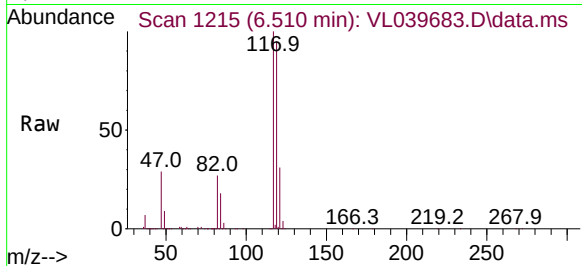


#35
Carbon Tetrachloride
Concen: 10.259 ppbv
RT: 6.510 min Scan# 117
Delta R.T. 0.010 min
Lab File: VL039683.D
Acq: 4 Oct 2022 16:29

Instrument :
MSVOA_L
ClientSampleId :
VL1004ABS01

Tgt Ion:117 Resp: 1625169

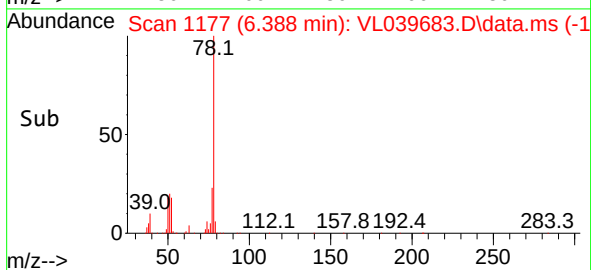
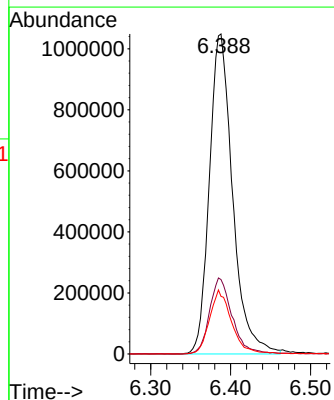
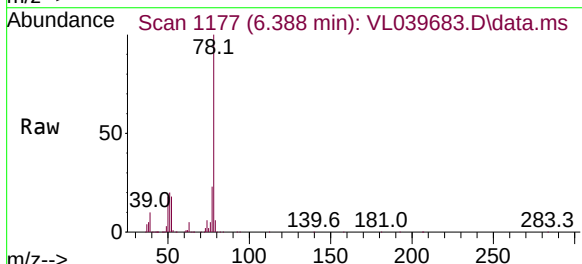
Ion	Ratio	Lower	Upper
117	100		
119	95.1	75.4	113.2
121	30.9	24.2	36.2

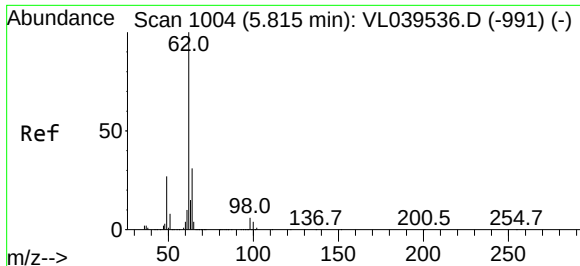


#36
Benzene
Concen: 9.271 ppbv
RT: 6.388 min Scan# 1177
Delta R.T. 0.010 min
Lab File: VL039683.D
Acq: 4 Oct 2022 16:29

Tgt Ion: 78 Resp: 2115145

Ion	Ratio	Lower	Upper
78	100		
77	23.3	20.3	30.5
50	18.0	15.5	23.3

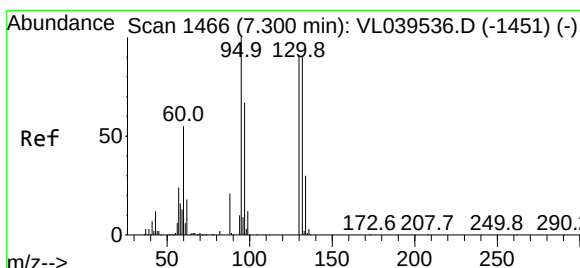
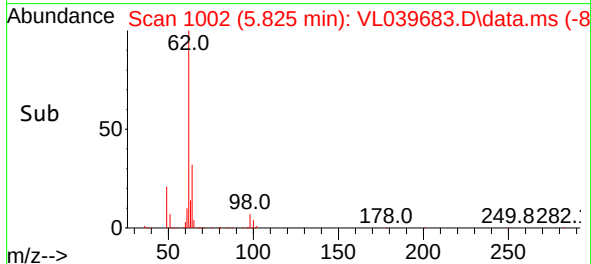
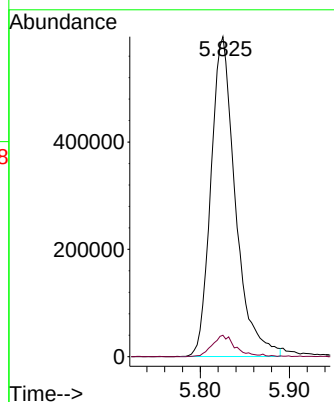
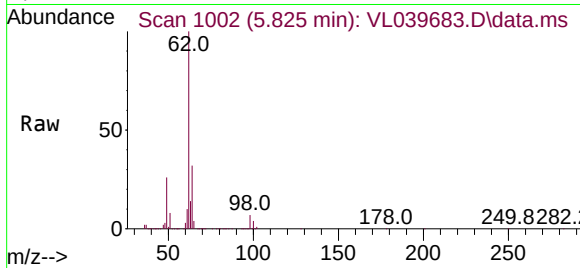




#37
1,2-Dichloroethane
Concen: 9.184 ppbv
RT: 5.825 min Scan# 1004
Delta R.T. 0.010 min
Lab File: VL039683.D
Acq: 4 Oct 2022 16:29

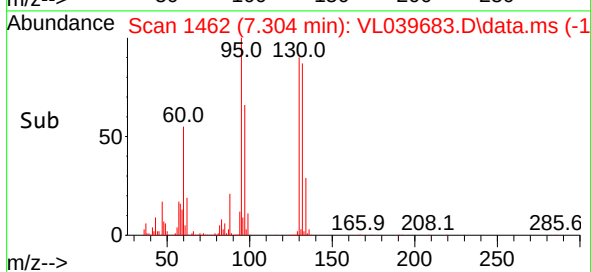
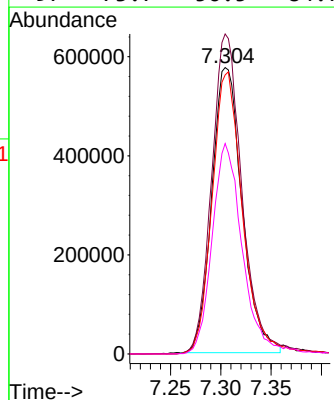
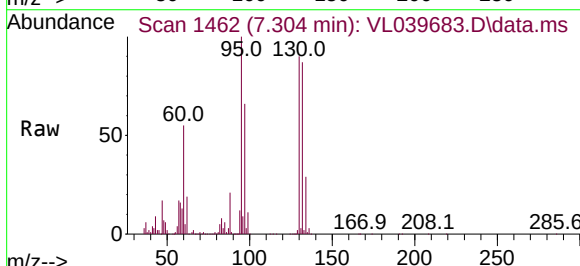
Instrument :
MSVOA_L
ClientSampleId :
VL1004ABS01

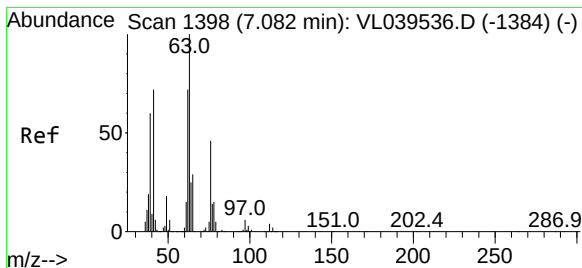
Tgt Ion: 62 Resp: 1140398
Ion Ratio Lower Upper
62 100
98 6.6 5.1 7.7



#38
Trichloroethene
Concen: 9.775 ppbv
RT: 7.304 min Scan# 1462
Delta R.T. 0.004 min
Lab File: VL039683.D
Acq: 4 Oct 2022 16:29

Tgt Ion: 130 Resp: 1205184
Ion Ratio Lower Upper
130 100
95 112.1 87.3 130.9
132 97.7 76.7 115.1
97 73.7 56.5 84.7





#39

1,2-Dichloropropane

Concen: 8.936 ppbv

RT: 7.089 min Scan# 11

Delta R.T. 0.007 min

Lab File: VL039683.D

Acq: 4 Oct 2022 16:29

Instrument :

MSVOA_L

ClientSampleId :

VL1004ABS01

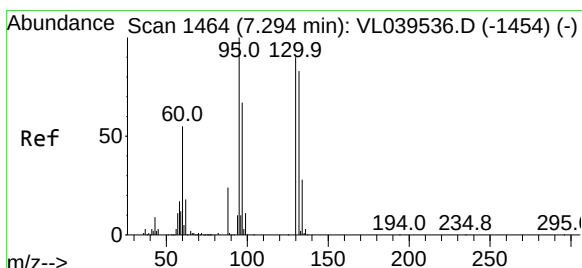
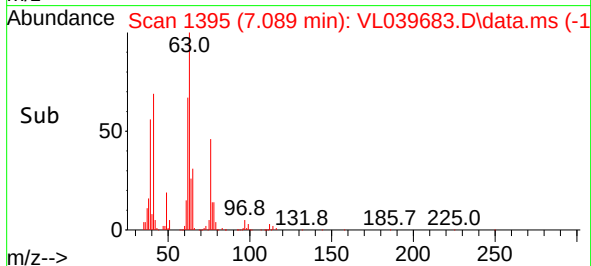
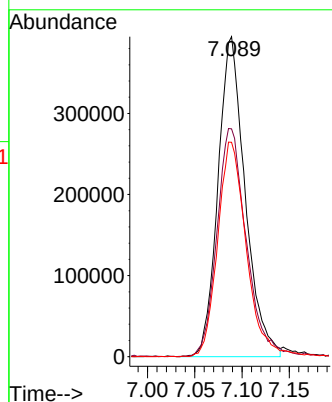
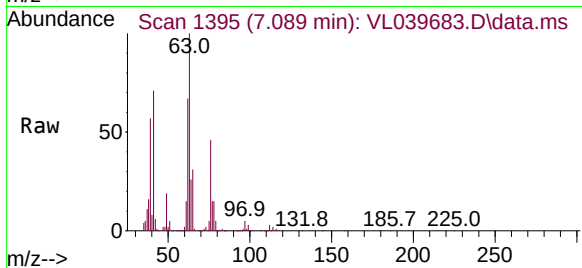
Tgt Ion: 63 Resp: 787238

Ion Ratio Lower Upper

63 100

41 71.1 59.6 89.4

62 67.0 51.4 77.0



#40

1,4-Dioxane

Concen: 8.759 ppbv

RT: 7.301 min Scan# 1461

Delta R.T. 0.007 min

Lab File: VL039683.D

Acq: 4 Oct 2022 16:29

Tgt Ion: 88 Resp: 315066

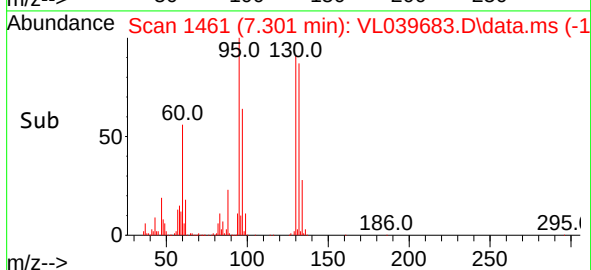
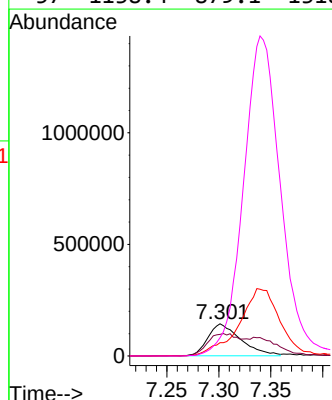
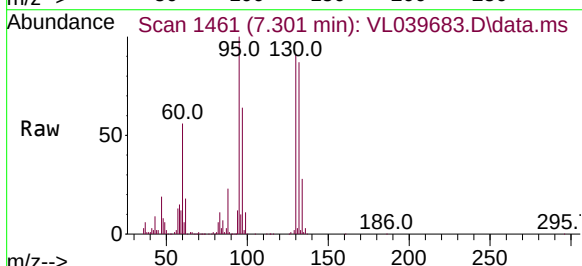
Ion Ratio Lower Upper

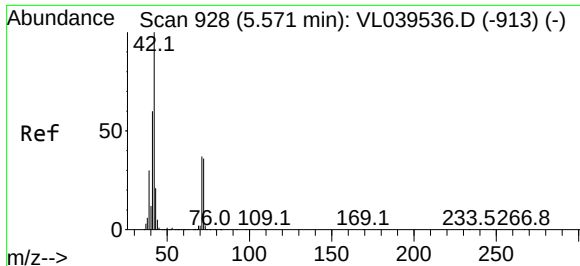
88 100

58 125.5 100.2 150.4

43 264.5 205.8 308.6

57 1138.4 879.1 1318.7

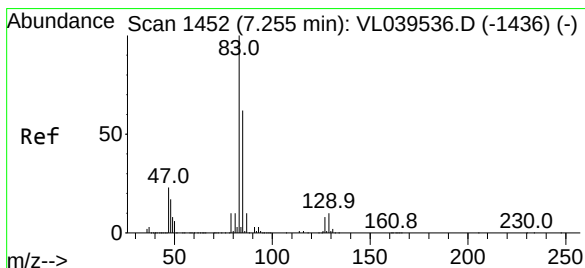
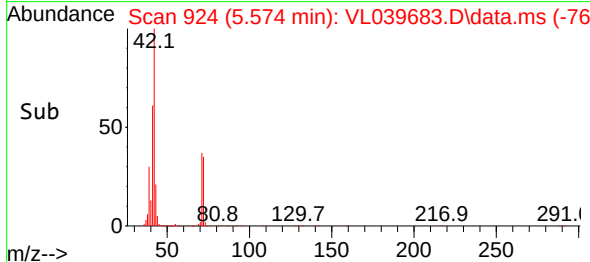
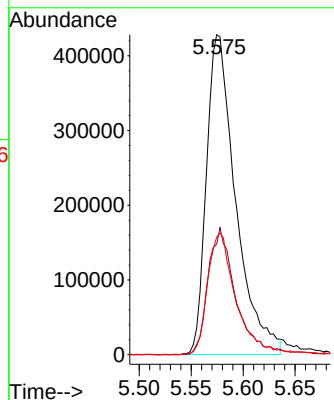
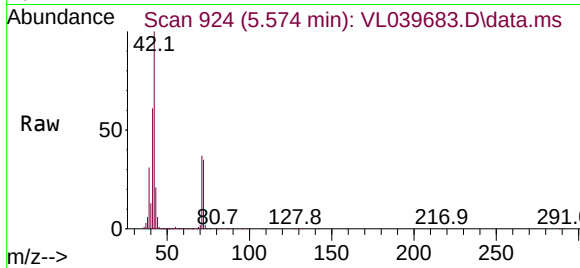




#41
Tetrahydrofuran
Concen: 9.315 ppbv
RT: 5.574 min Scan# 91
Delta R.T. 0.004 min
Lab File: VL039683.D
Acq: 4 Oct 2022 16:29

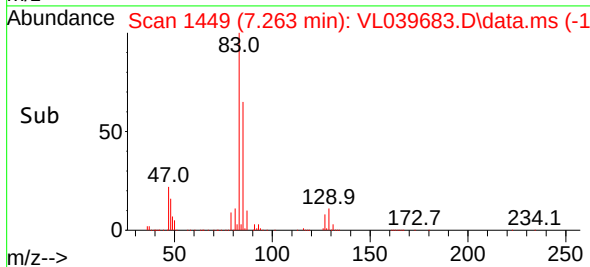
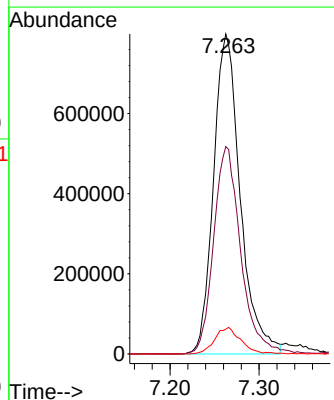
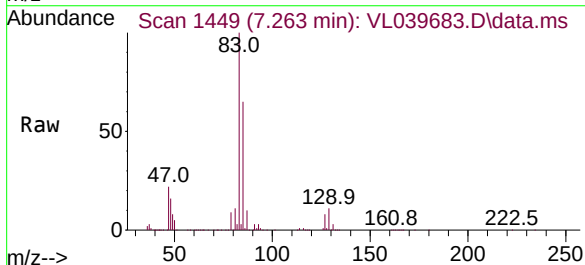
Instrument :
MSVOA_L
ClientSampleId :
VL1004ABS01

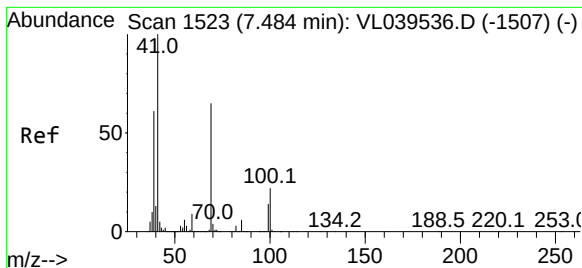
Tgt Ion: 42 Resp: 837561
Ion Ratio Lower Upper
42 100
72 38.3 31.8 47.8
71 37.8 31.8 47.8



#42
Bromodichloromethane
Concen: 9.628 ppbv
RT: 7.263 min Scan# 1449
Delta R.T. 0.007 min
Lab File: VL039683.D
Acq: 4 Oct 2022 16:29

Tgt Ion: 83 Resp: 1662788
Ion Ratio Lower Upper
83 100
85 64.8 50.7 76.1
127 7.8 6.6 9.8





#43

Methyl Methacrylate

Concen: 9.729 ppbv

RT: 7.491 min Scan# 1520

Delta R.T. 0.007 min

Lab File: VL039683.D

Acq: 4 Oct 2022 16:29

Instrument :

MSVOA_1

ClientSampleId :

VL1004ABS01

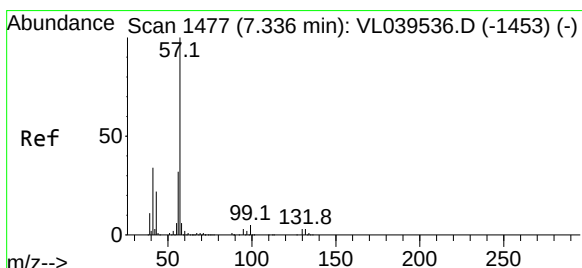
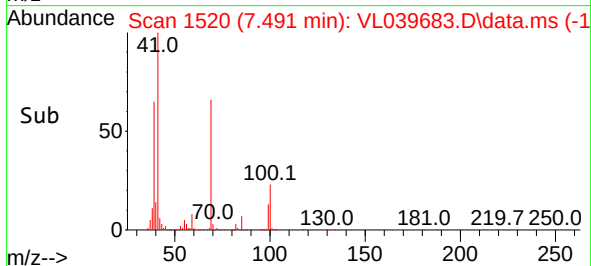
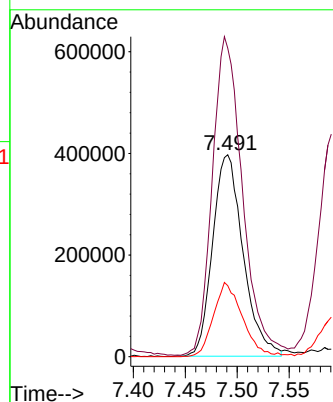
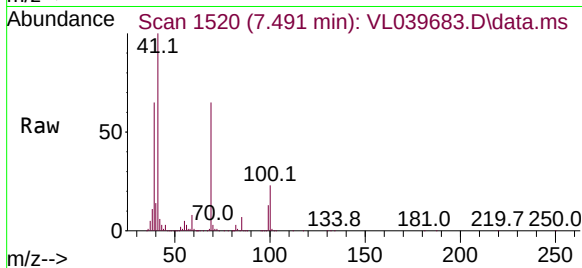
Tgt Ion: 69 Resp: 809069

Ion Ratio Lower Upper

69 100

41 158.1 120.8 181.2

100 35.4 27.8 41.6



#44

2,2,4-Trimethylpentane

Concen: 9.074 ppbv

RT: 7.340 min Scan# 1473

Delta R.T. 0.004 min

Lab File: VL039683.D

Acq: 4 Oct 2022 16:29

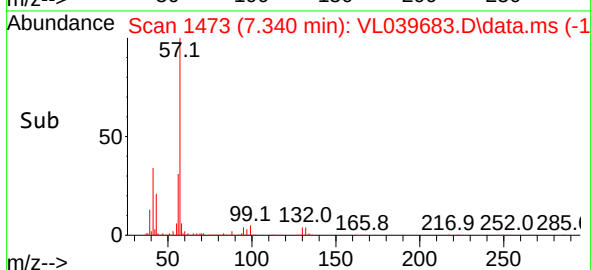
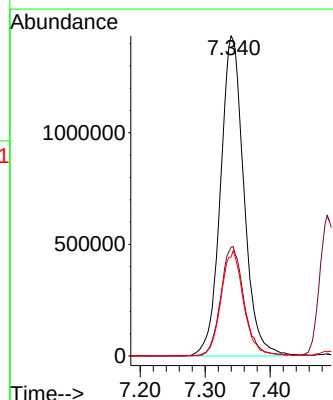
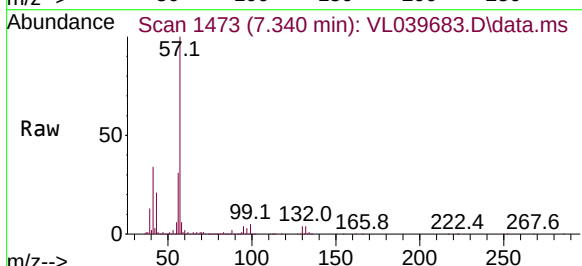
Tgt Ion: 57 Resp: 3568132

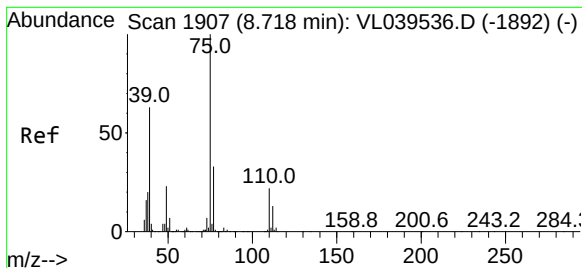
Ion Ratio Lower Upper

57 100

41 34.2 27.4 41.2

56 31.8 24.5 36.7





#45

t-1,3-Dichloropropene

Concen: 10.897 ppbv

RT: 8.719 min Scan# 1907

Delta R.T. 0.001 min

Lab File: VL039683.D

Acq: 4 Oct 2022 16:29

Instrument :

MSVOA_L

ClientSampleId :

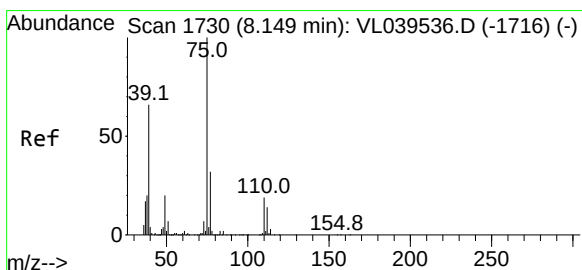
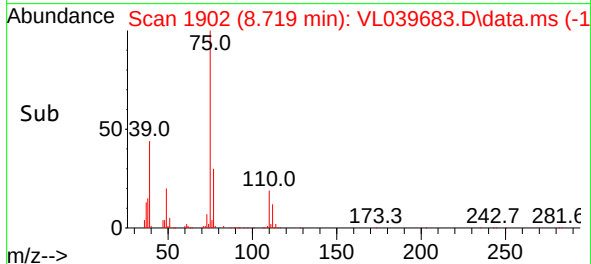
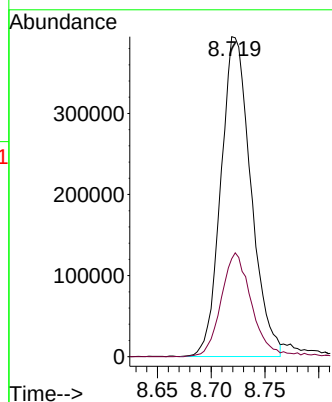
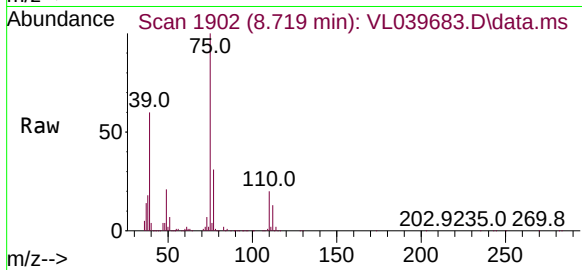
VL1004ABS01

Tgt Ion: 75 Resp: 765771

Ion Ratio Lower Upper

75 100

77 30.6 24.6 36.8



#46

cis-1,3-Dichloropropene

Concen: 10.812 ppbv

RT: 8.156 min Scan# 1727

Delta R.T. 0.007 min

Lab File: VL039683.D

Acq: 4 Oct 2022 16:29

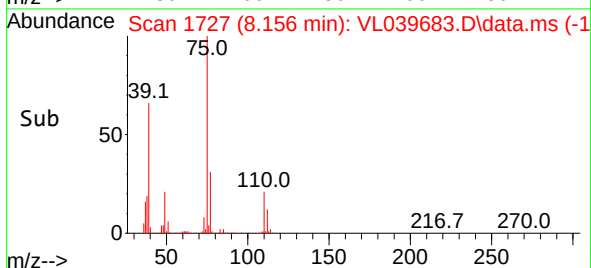
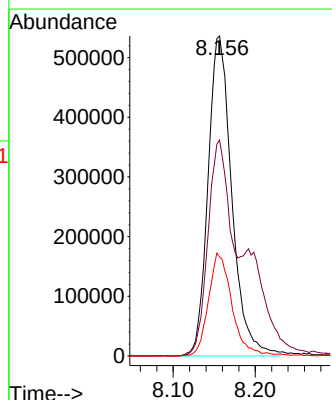
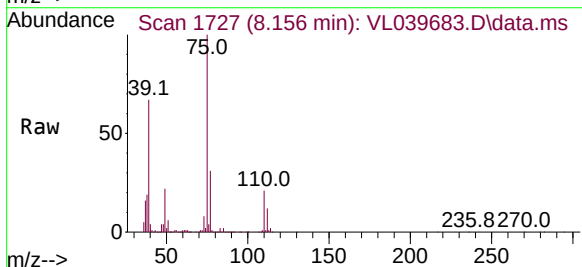
Tgt Ion: 75 Resp: 1081674

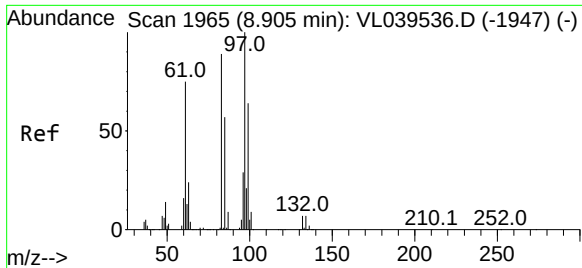
Ion Ratio Lower Upper

75 100

39 67.4 55.0 82.4

77 31.0 25.7 38.5

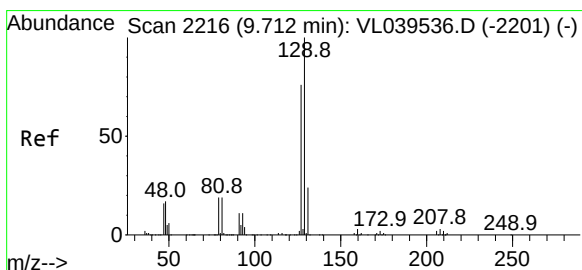
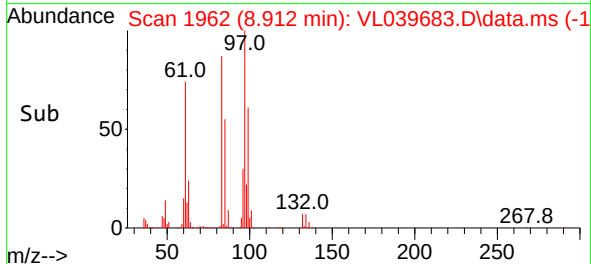
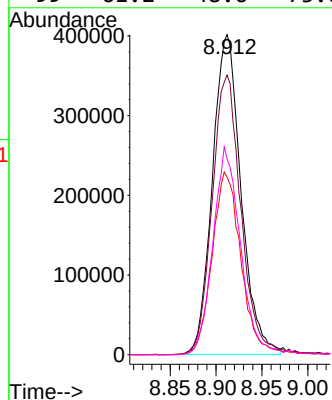
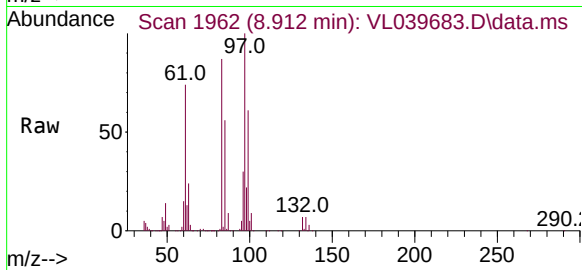




#47
1,1,2-Trichloroethane
Concen: 9.024 ppbv
RT: 8.912 min Scan# 1962
Delta R.T. 0.007 min
Lab File: VL039683.D
Acq: 4 Oct 2022 16:29

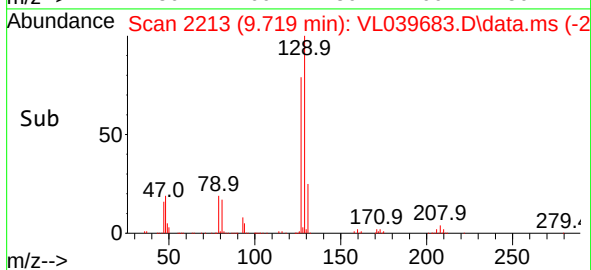
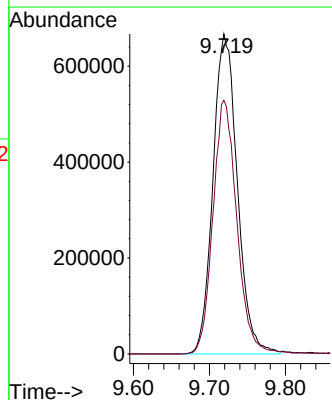
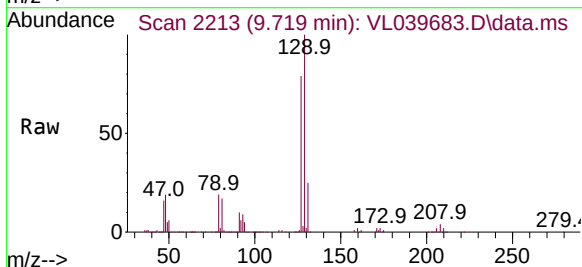
Instrument :
MSVOA_L
ClientSampleId :
VL1004ABS01

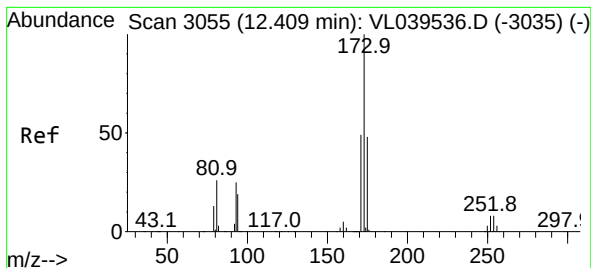
Tgt Ion: 97 Resp: 868905
Ion Ratio Lower Upper
97 100
83 87.3 67.4 101.0
85 55.4 45.1 67.7
99 61.2 48.6 73.0



#48
Dibromochloromethane
Concen: 10.245 ppbv
RT: 9.719 min Scan# 2213
Delta R.T. 0.007 min
Lab File: VL039683.D
Acq: 4 Oct 2022 16:29

Tgt Ion: 129 Resp: 1485538
Ion Ratio Lower Upper
129 100
127 78.0 39.3 117.9





#49

Bromoform

Concen: 10.185 ppbv

RT: 12.413 min Scan# 3055

Delta R.T. 0.004 min

Lab File: VL039683.D

Acq: 4 Oct 2022 16:29

Instrument :

MSVOA_L

ClientSampleId :

VL1004ABS01

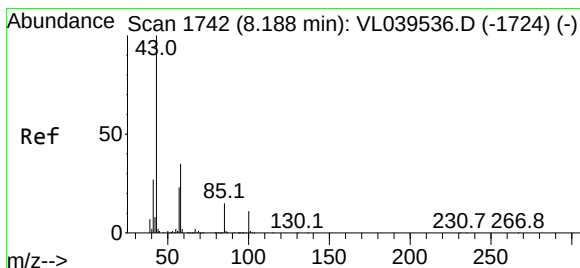
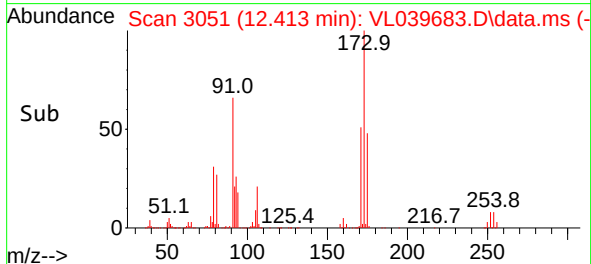
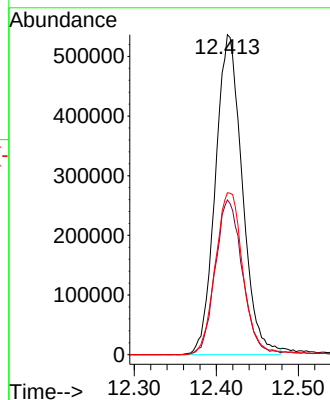
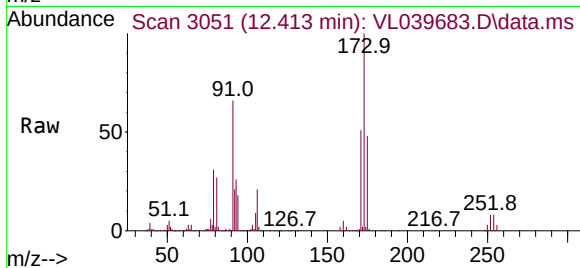
Tgt Ion:173 Resp: 1221509

Ion Ratio Lower Upper

173 100

175 49.7 40.3 60.5

171 53.0 42.9 64.3



#50

4-Methyl-2-Pentanone

Concen: 9.738 ppbv

RT: 8.195 min Scan# 1739

Delta R.T. 0.007 min

Lab File: VL039683.D

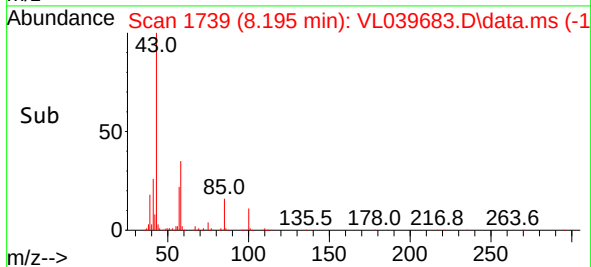
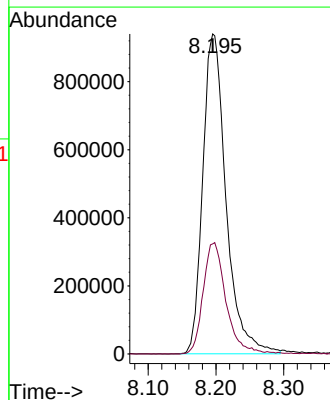
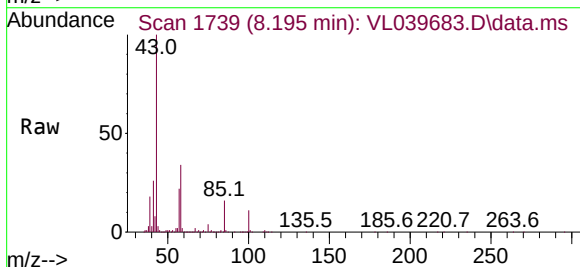
Acq: 4 Oct 2022 16:29

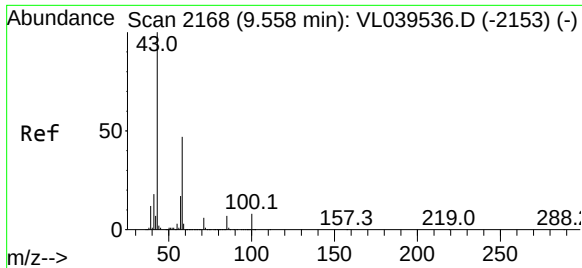
Tgt Ion: 43 Resp: 2242723

Ion Ratio Lower Upper

43 100

58 34.5 28.8 43.2

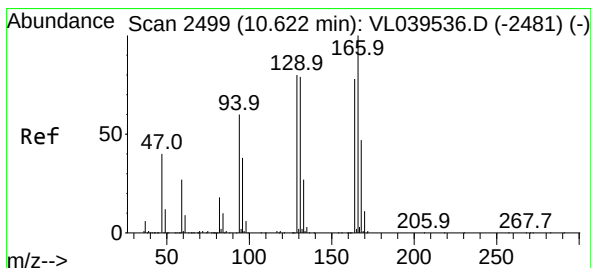
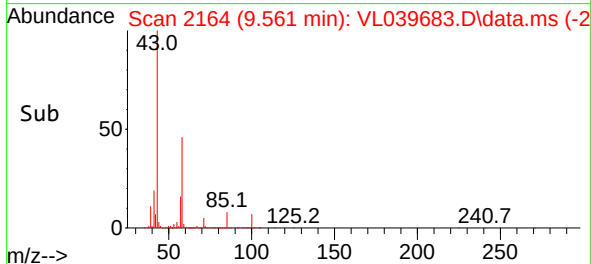
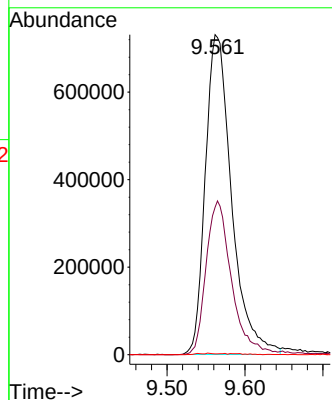
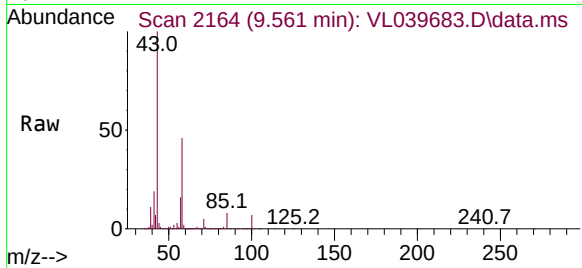




#51
2-Hexanone
Concen: 10.033 ppbv
RT: 9.561 min Scan# 2168
Delta R.T. 0.004 min
Lab File: VL039683.D
Acq: 4 Oct 2022 16:29

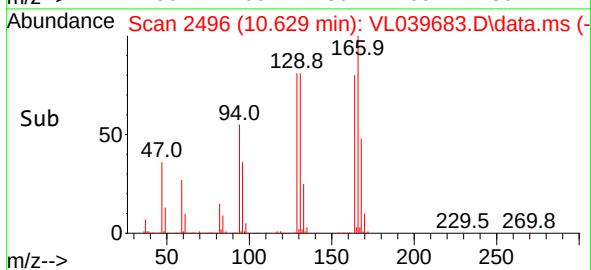
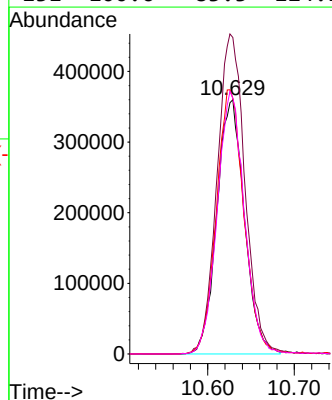
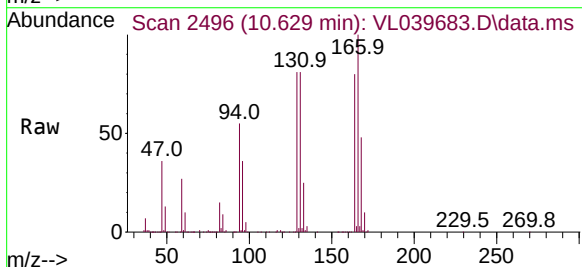
Instrument :
MSVOA_L
ClientSampleId :
VL1004ABS01

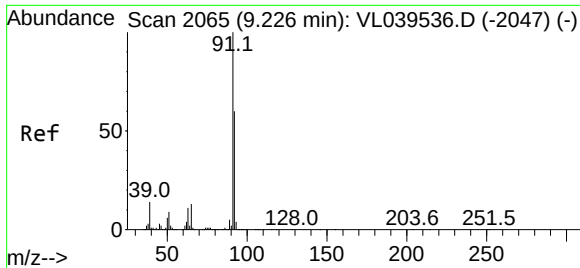
Tgt Ion: 43 Resp: 1710485
Ion Ratio Lower Upper
43 100
58 47.4 38.4 57.6
98 0.3 0.3 0.5#



#52
Tetrachloroethene
Concen: 9.130 ppbv
RT: 10.629 min Scan# 2496
Delta R.T. 0.007 min
Lab File: VL039683.D
Acq: 4 Oct 2022 16:29

Tgt Ion:164 Resp: 794675
Ion Ratio Lower Upper
164 100
166 124.5 102.2 153.2
129 100.5 85.8 128.8
131 100.6 83.3 124.9

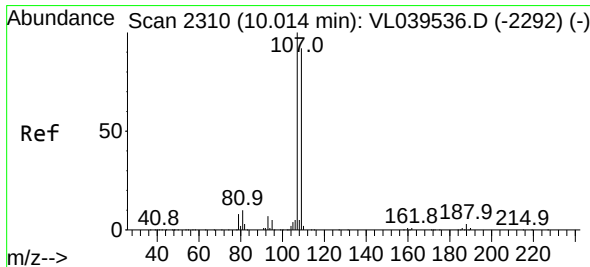
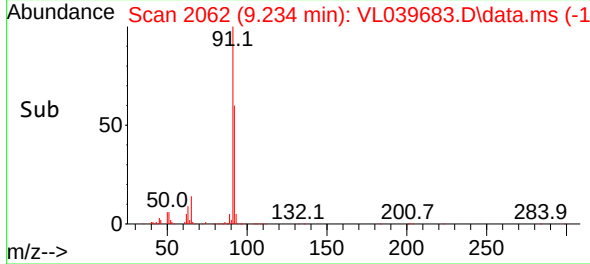
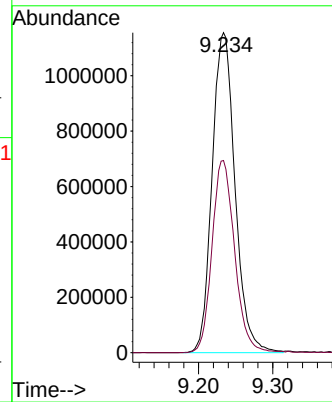
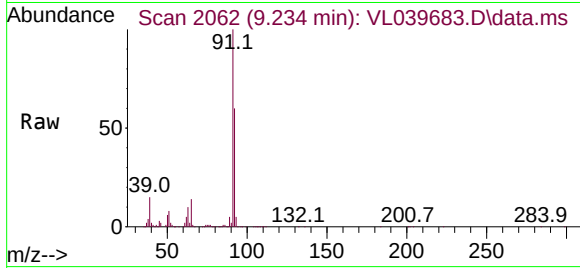




#53
Toluene
Concen: 9.770 ppbv
RT: 9.234 min Scan# 2065
Delta R.T. 0.007 min
Lab File: VL039683.D
Acq: 4 Oct 2022 16:29

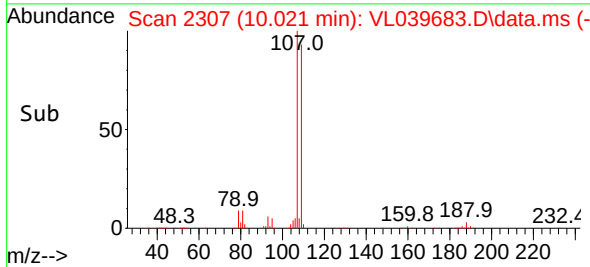
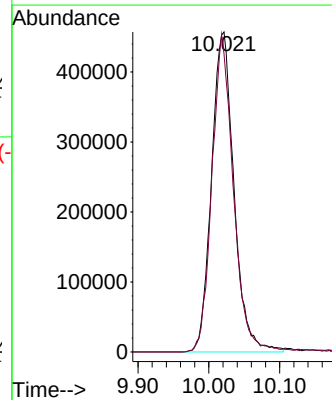
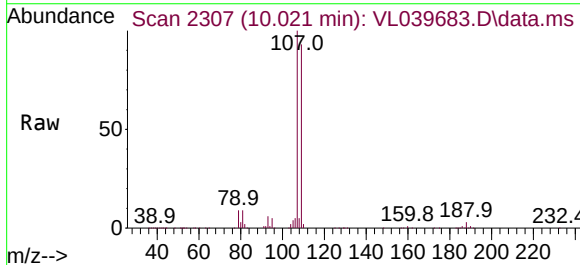
Instrument :
MSVOA_1
ClientSampleId :
VL1004ABS01

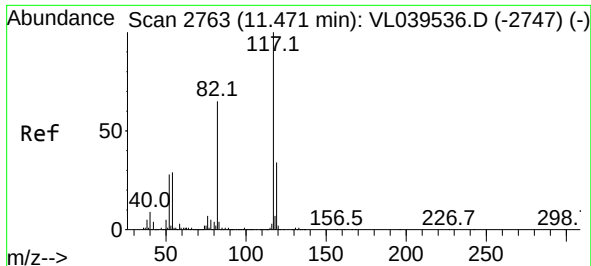
Tgt Ion: 91 Resp: 2479016
Ion Ratio Lower Upper
91 100
92 59.5 48.2 72.2



#54
1,2-Dibromoethane
Concen: 9.764 ppbv
RT: 10.021 min Scan# 2307
Delta R.T. 0.007 min
Lab File: VL039683.D
Acq: 4 Oct 2022 16:29

Tgt Ion: 107 Resp: 1005781
Ion Ratio Lower Upper
107 100
109 93.2 74.8 112.2

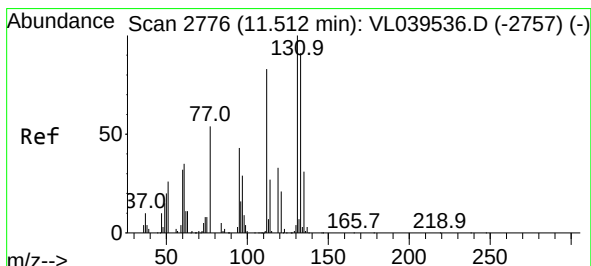
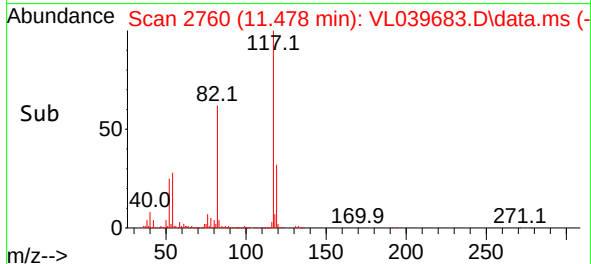
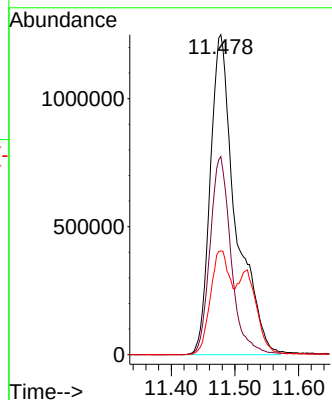
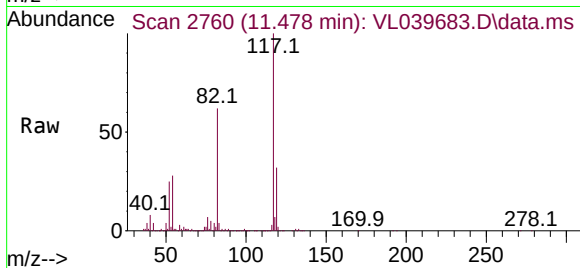




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.478 min Scan# 2763
Delta R.T. 0.007 min
Lab File: VL039683.D
Acq: 4 Oct 2022 16:29

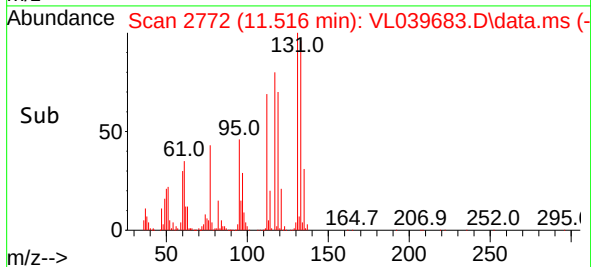
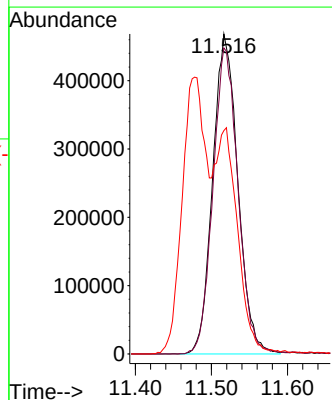
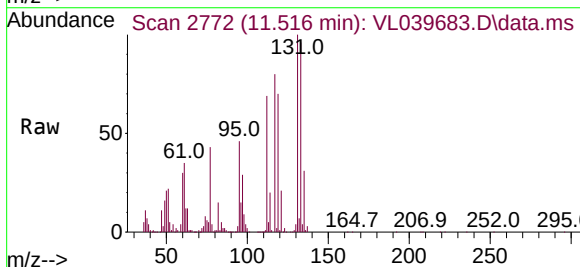
Instrument :
MSVOA_1
ClientSampleId :
VL1004ABS01

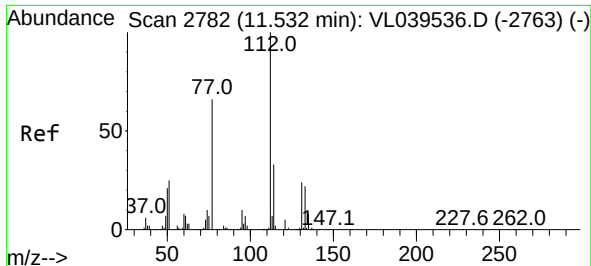
Tgt Ion:117 Resp: 3476929
Ion Ratio Lower Upper
117 100
82 51.8 50.8 76.2
119 26.6 24.1 36.1



#56
1,1,1,2-Tetrachloroethane
Concen: 7.641 ppbv
RT: 11.516 min Scan# 2772
Delta R.T. 0.004 min
Lab File: VL039683.D
Acq: 4 Oct 2022 16:29

Tgt Ion:131 Resp: 1073564
Ion Ratio Lower Upper
131 100
133 96.3 76.8 115.2
119 63.9 46.2 69.4

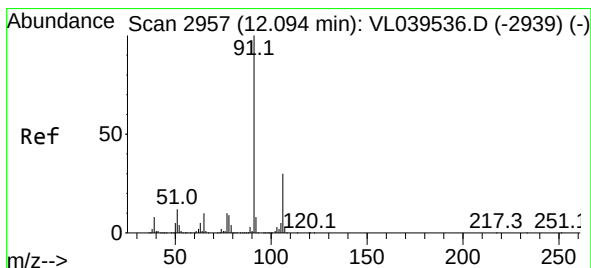
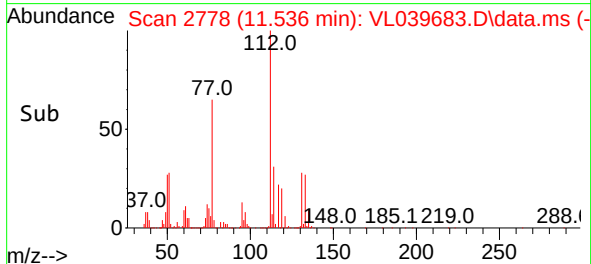
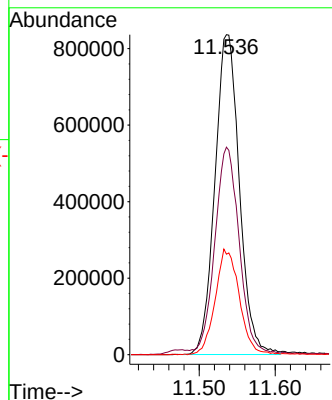
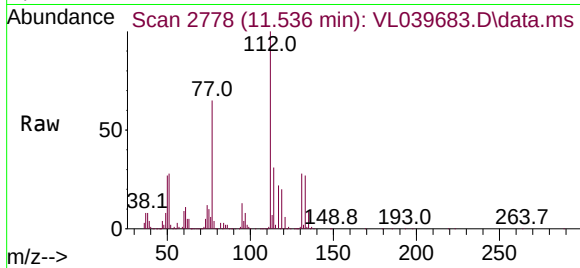




#57
Chlorobenzene
Concen: 7.319 ppbv
RT: 11.536 min Scan# 21
Delta R.T. 0.004 min
Lab File: VL039683.D
Acq: 4 Oct 2022 16:29

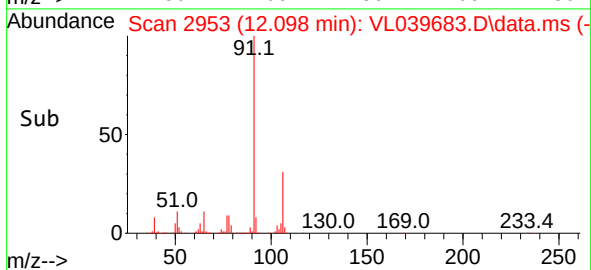
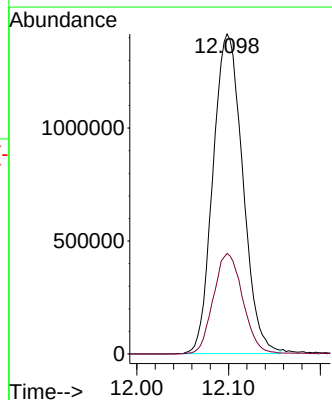
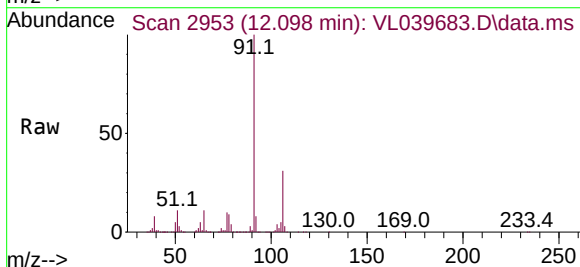
Instrument :
MSVOA_L
ClientSampleId :
VL1004ABS01

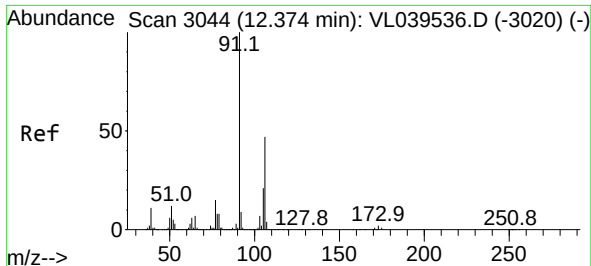
Tgt Ion:112 Resp: 1871406
Ion Ratio Lower Upper
112 100
77 64.0 51.0 76.4
114 31.3 27.5 33.6



#58
Ethyl Benzene
Concen: 7.957 ppbv
RT: 12.098 min Scan# 2953
Delta R.T. 0.004 min
Lab File: VL039683.D
Acq: 4 Oct 2022 16:29

Tgt Ion: 91 Resp: 3189736
Ion Ratio Lower Upper
91 100
106 31.4 25.4 38.0





#59

m/p-Xylene

Concen: 7.430 ppbv

RT: 12.385 min Scan# 3042

Delta R.T. 0.010 min

Lab File: VL039683.D

Acq: 4 Oct 2022 16:29

Instrument :

MSVOA_L

ClientSampleId :

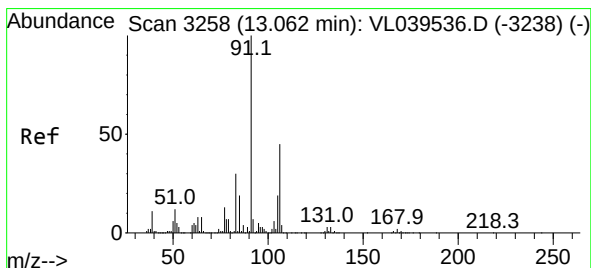
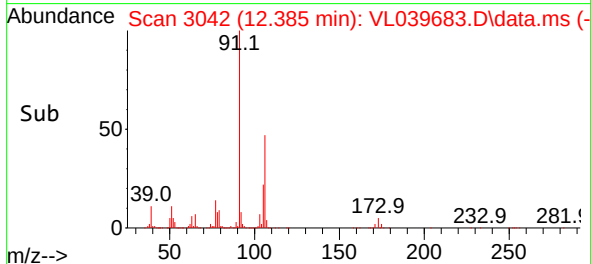
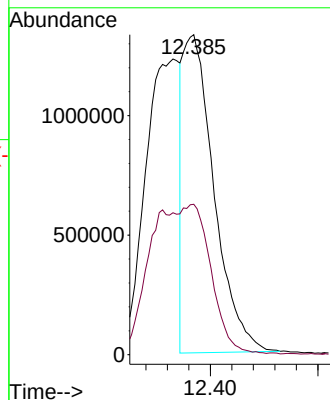
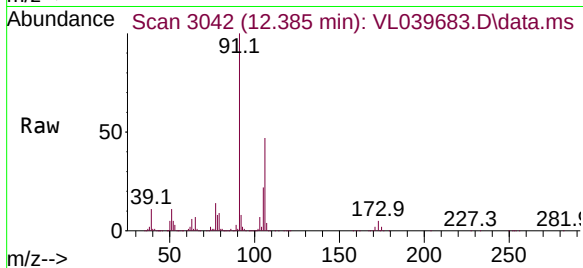
VL1004ABS01

Tgt Ion: 91 Resp: 2650803

Ion Ratio Lower Upper

91 100

106 93.1 35.4 53.2#



#60

o-Xylene

Concen: 7.642 ppbv

RT: 13.069 min Scan# 3255

Delta R.T. 0.007 min

Lab File: VL039683.D

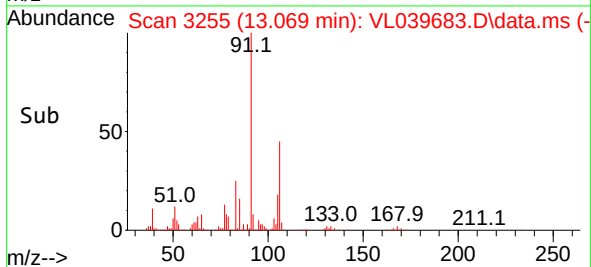
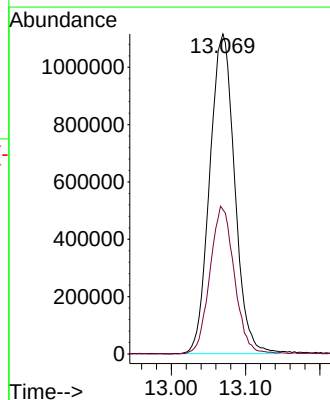
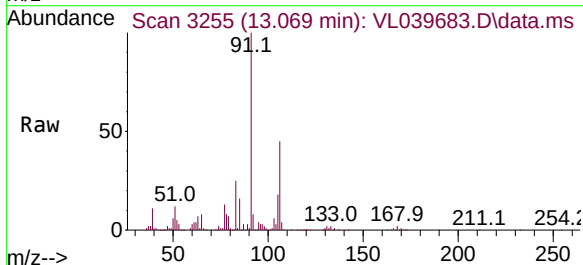
Acq: 4 Oct 2022 16:29

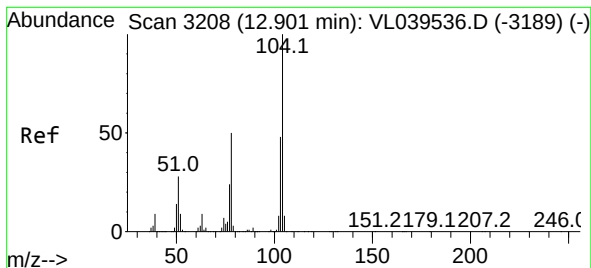
Tgt Ion: 91 Resp: 2603451

Ion Ratio Lower Upper

91 100

106 45.6 22.4 67.3





#61

Styrene

Concen: 8.434 ppbv

RT: 12.909 min Scan# 31

Delta R.T. 0.007 min

Lab File: VL039683.D

Acq: 4 Oct 2022 16:29

Instrument :

MSVOA_L

ClientSampleId :

VL1004ABS01

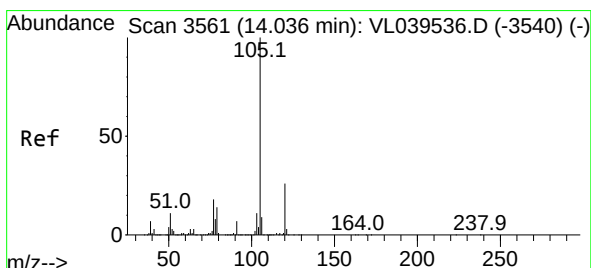
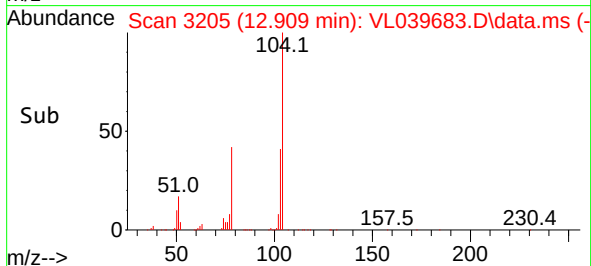
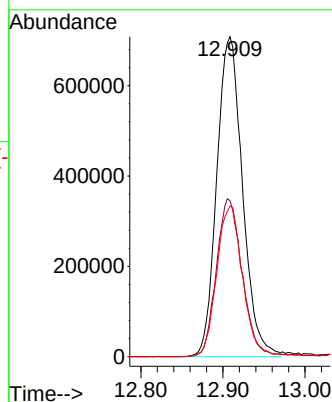
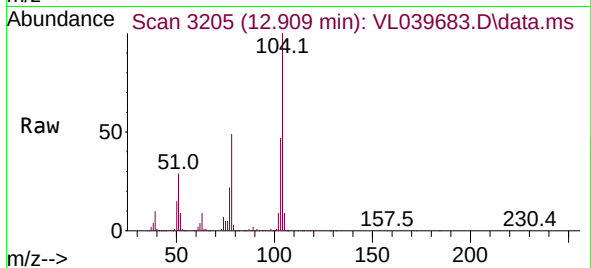
Tgt Ion:104 Resp: 1547520

Ion Ratio Lower Upper

104 100

78 49.7 41.2 61.8

103 48.1 38.7 58.1



#62

Isopropylbenzene

Concen: 7.405 ppbv

RT: 14.040 min Scan# 3557

Delta R.T. 0.004 min

Lab File: VL039683.D

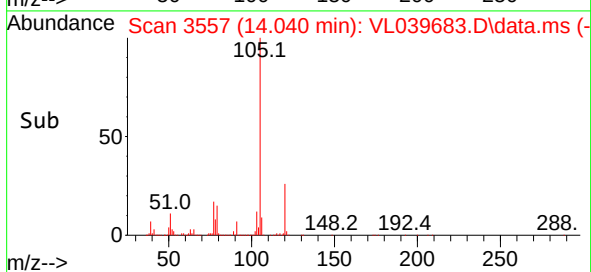
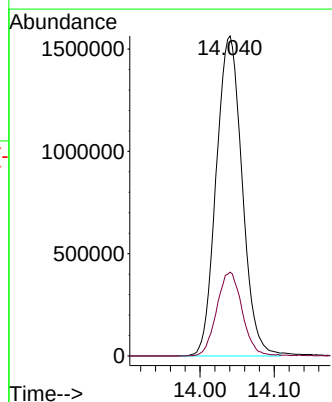
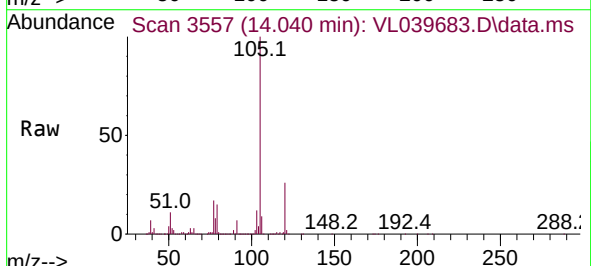
Acq: 4 Oct 2022 16:29

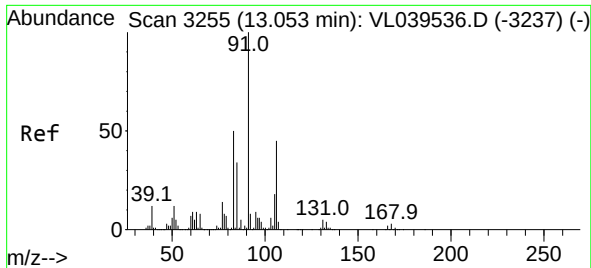
Tgt Ion:105 Resp: 3796408

Ion Ratio Lower Upper

105 100

120 26.0 20.7 31.1

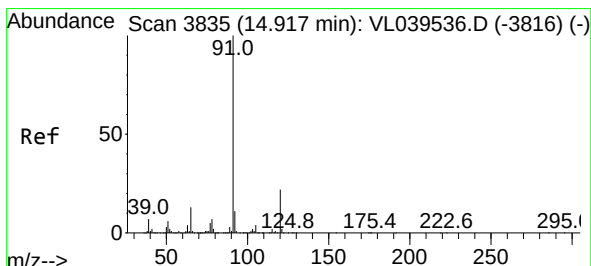
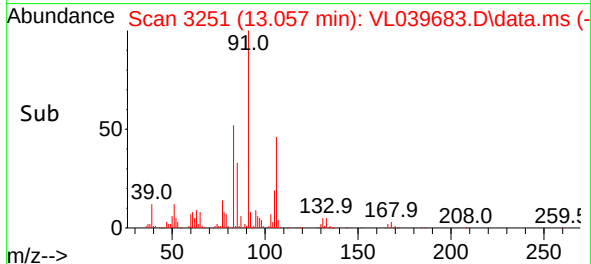
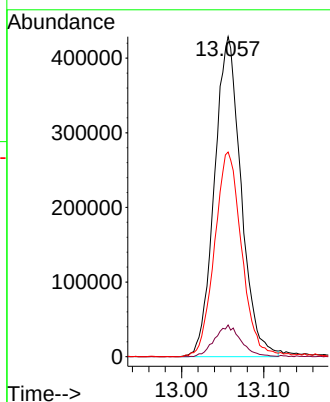
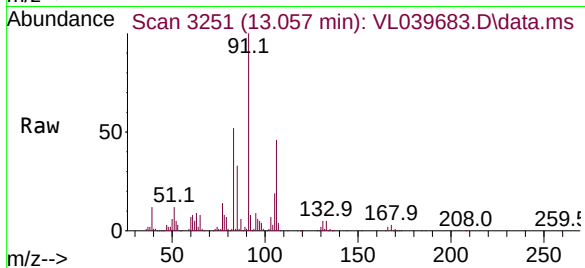




#63
1,1,2,2-Tetrachloroethane
Concen: 7.127 ppbv
RT: 13.057 min Scan# 31
Delta R.T. 0.004 min
Lab File: VL039683.D
Acq: 4 Oct 2022 16:29

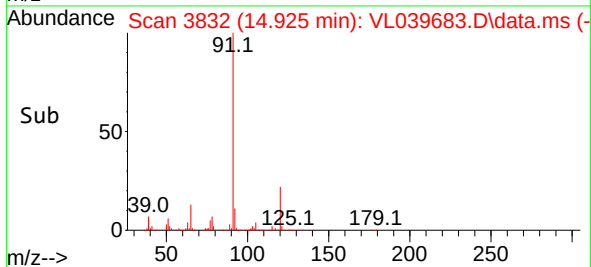
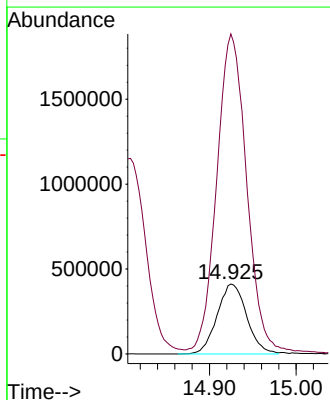
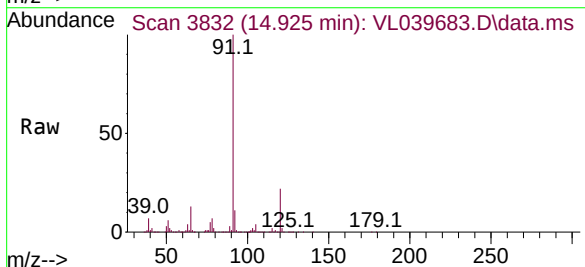
Instrument :
MSVOA_L
ClientSampleId :
VL1004ABS01

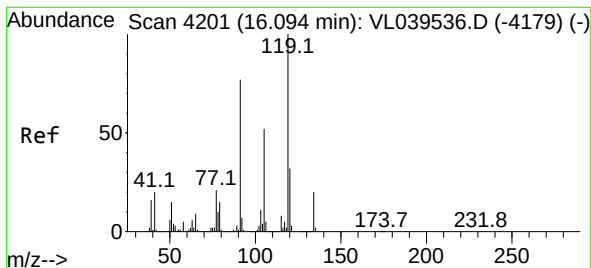
Tgt Ion: 83 Resp: 968560
Ion Ratio Lower Upper
83 100
131 9.9 5.3 15.8
85 66.1 33.1 99.5



#64
n-propylbenzene
Concen: 7.425 ppbv
RT: 14.925 min Scan# 3832
Delta R.T. 0.007 min
Lab File: VL039683.D
Acq: 4 Oct 2022 16:29

Tgt Ion: 120 Resp: 974770
Ion Ratio Lower Upper
120 100
91 469.2 367.2 550.8





#65

tert-Butylbenzene

Concen: 7.348 ppbv

RT: 16.101 min Scan# 41

Delta R.T. 0.007 min

Lab File: VL039683.D

Acq: 4 Oct 2022 16:29

Instrument :

MSVOA_L

ClientSampleId :

VL1004ABS01

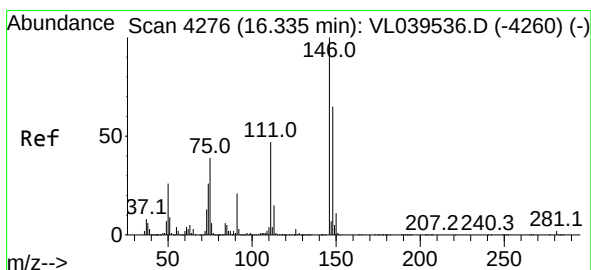
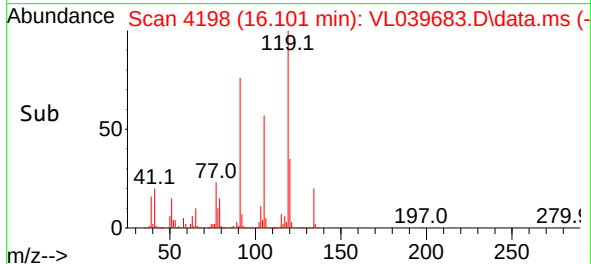
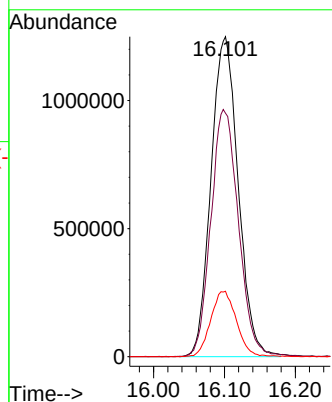
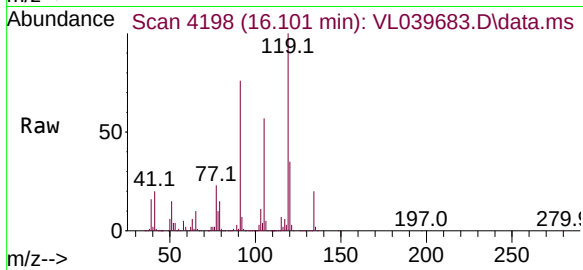
Tgt Ion:119 Resp: 3328059

Ion Ratio Lower Upper

119 100

91 78.4 63.4 95.2

134 19.5 15.9 23.9



#66

Benzyl Chloride

Concen: 7.185 ppbv

RT: 16.336 min Scan# 4271

Delta R.T. 0.001 min

Lab File: VL039683.D

Acq: 4 Oct 2022 16:29

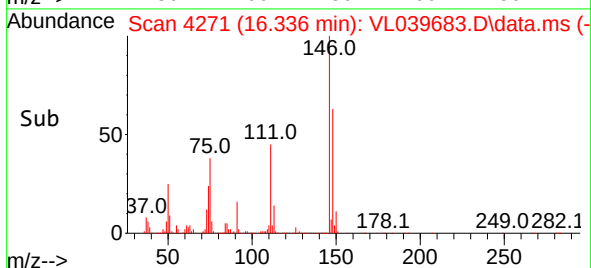
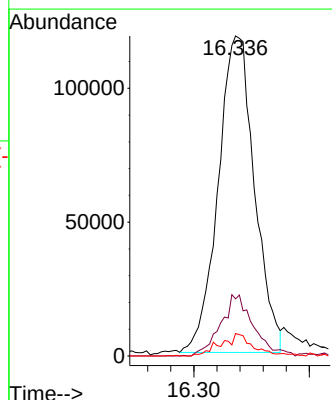
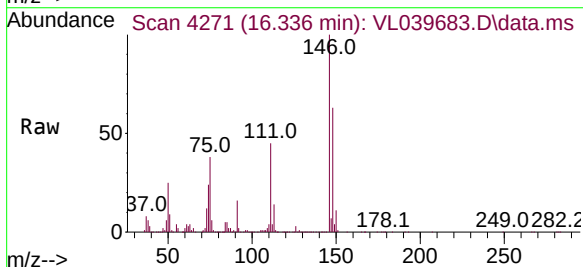
Tgt Ion: 91 Resp: 259097

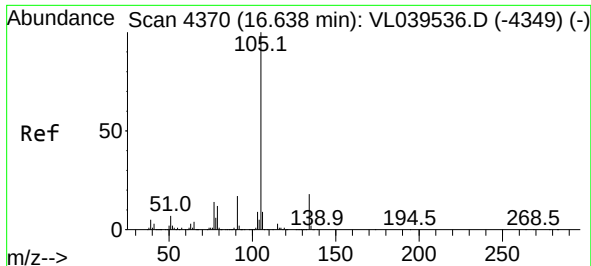
Ion Ratio Lower Upper

91 100

126 18.2 13.1 19.7

128 6.3 4.4 6.6

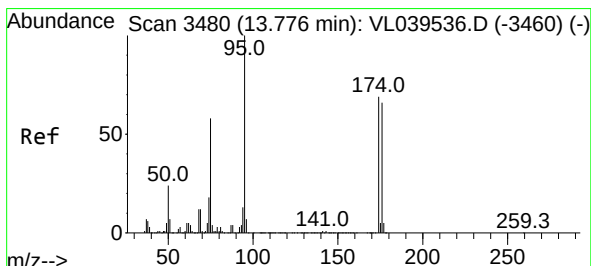
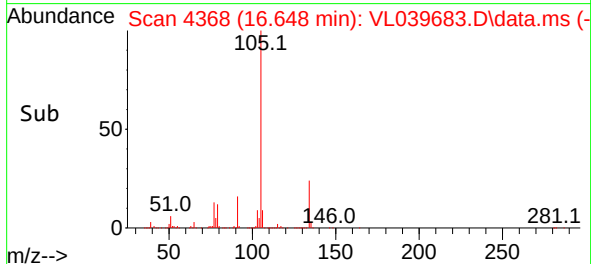
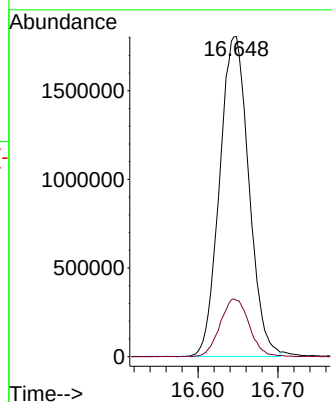
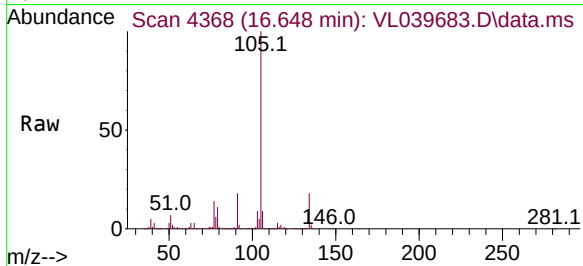




#67
 sec-Butylbenzene
 Concen: 7.223 ppbv
 RT: 16.648 min Scan# 41
 Delta R.T. 0.010 min
 Lab File: VL039683.D
 Acq: 4 Oct 2022 16:29

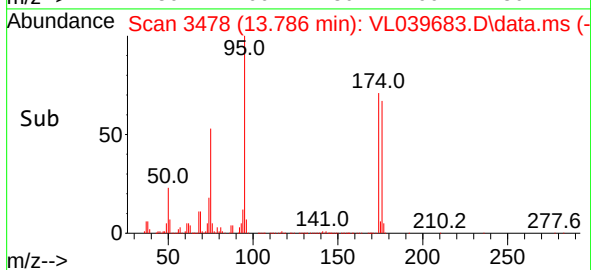
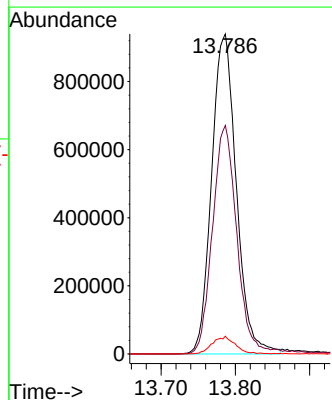
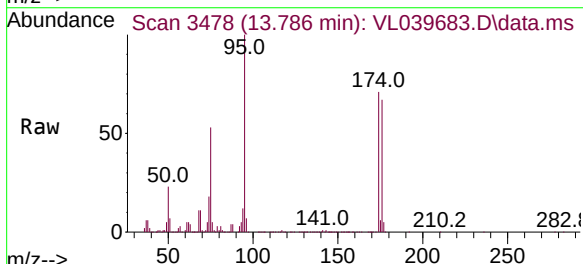
Instrument :
 MSVOA_L
 ClientSampleId :
 VL1004ABS01

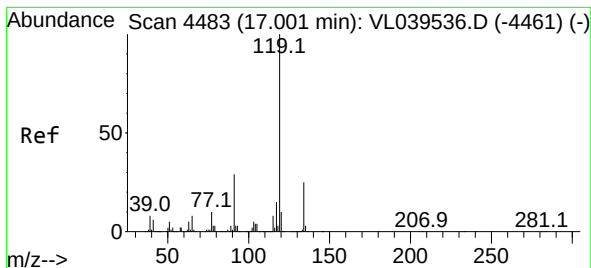
Tgt Ion:105 Resp: 4588530
 Ion Ratio Lower Upper
 105 100
 134 18.0 14.8 22.2



#68
 1-Bromo-4-Fluorobenzene
 Concen: 8.370 ppbv
 RT: 13.786 min Scan# 3478
 Delta R.T. 0.010 min
 Lab File: VL039683.D
 Acq: 4 Oct 2022 16:29

Tgt Ion: 95 Resp: 2172435
 Ion Ratio Lower Upper
 95 100
 174 71.4 55.9 83.9
 175 5.3 4.2 6.4





#69

p-Isopropyltoluene

Concen: 7.397 ppbv

RT: 17.005 min Scan# 44

Delta R.T. 0.004 min

Lab File: VL039683.D

Acq: 4 Oct 2022 16:29

Instrument :

MSVOA_1

ClientSampleId :

VL1004ABS01

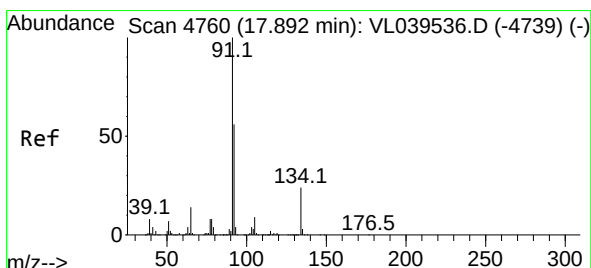
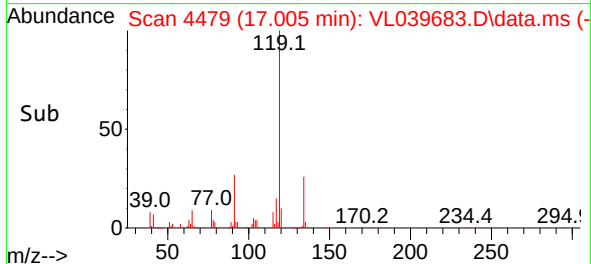
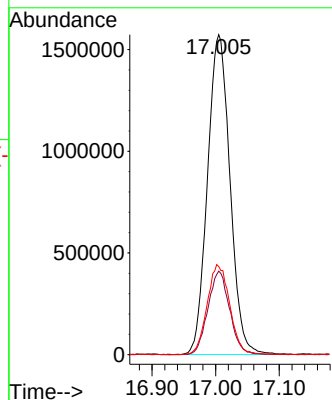
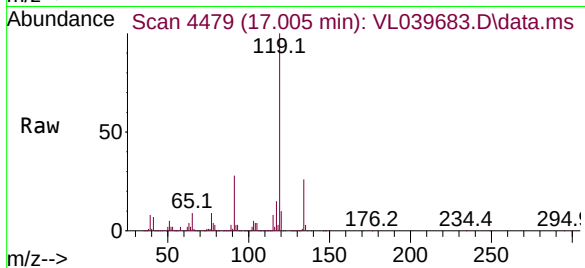
Tgt Ion:119 Resp: 3861592

Ion Ratio Lower Upper

119 100

134 25.3 20.3 30.5

91 28.2 22.9 34.3



#70

n-Butylbenzene

Concen: 7.563 ppbv

RT: 17.896 min Scan# 4756

Delta R.T. 0.004 min

Lab File: VL039683.D

Acq: 4 Oct 2022 16:29

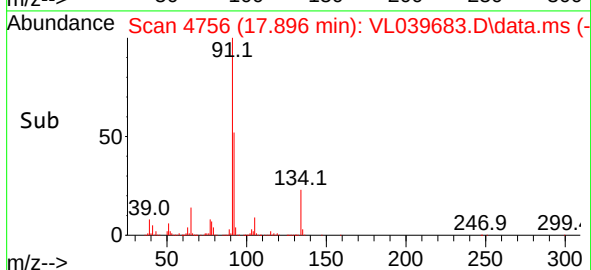
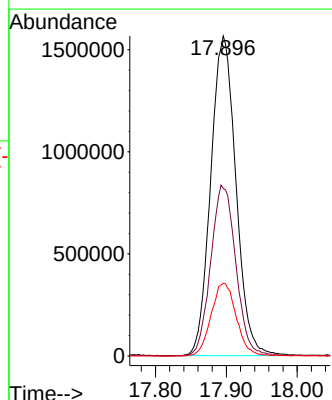
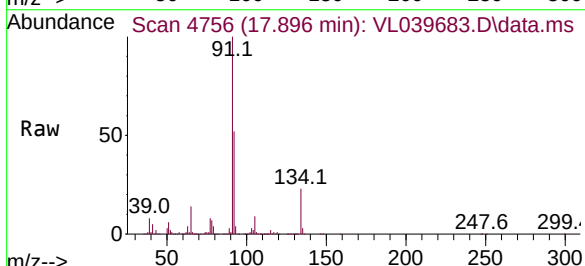
Tgt Ion: 91 Resp: 3870289

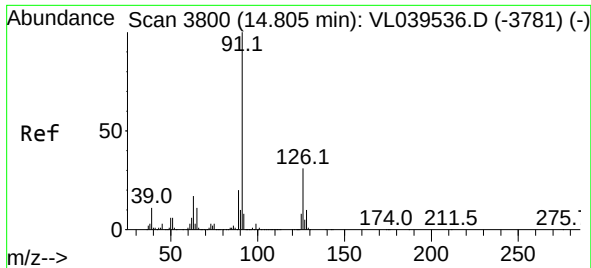
Ion Ratio Lower Upper

91 100

92 53.5 43.4 65.2

134 22.8 18.9 28.3

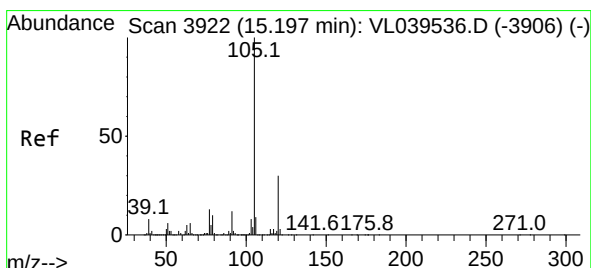
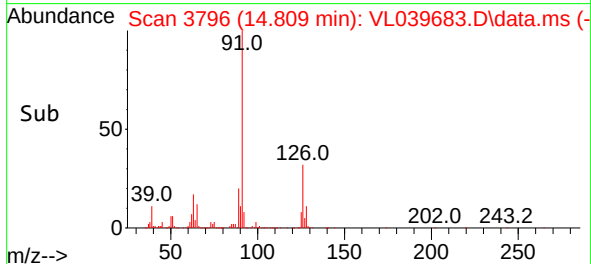
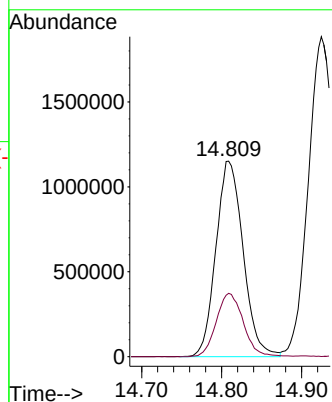
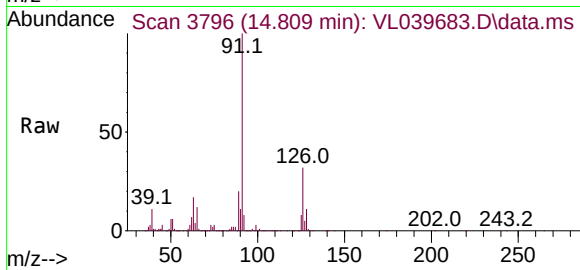




#71
2-Chlorotoluene
Concen: 7.350 ppbv
RT: 14.809 min Scan# 31
Delta R.T. 0.004 min
Lab File: VL039683.D
Acq: 4 Oct 2022 16:29

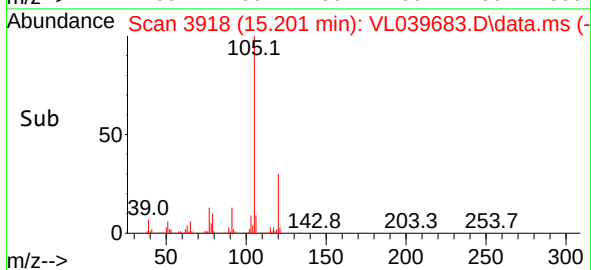
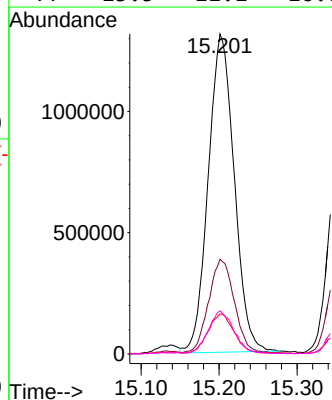
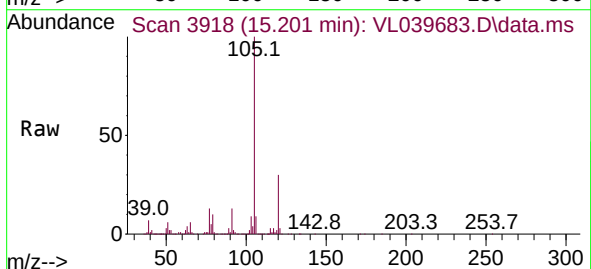
Instrument :
MSVOA_L
ClientSampleId :
VL1004ABS01

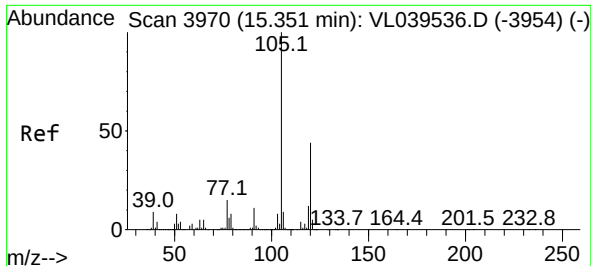
Tgt Ion: 91 Resp: 2720493
Ion Ratio Lower Upper
91 100
126 32.6 13.0 51.8



#72
4-Ethyltoluene
Concen: 7.810 ppbv
RT: 15.201 min Scan# 3918
Delta R.T. 0.004 min
Lab File: VL039683.D
Acq: 4 Oct 2022 16:29

Tgt Ion:105 Resp: 3037487
Ion Ratio Lower Upper
105 100
120 30.2 24.2 36.2
91 12.8 10.2 15.4
77 13.5 11.1 16.7

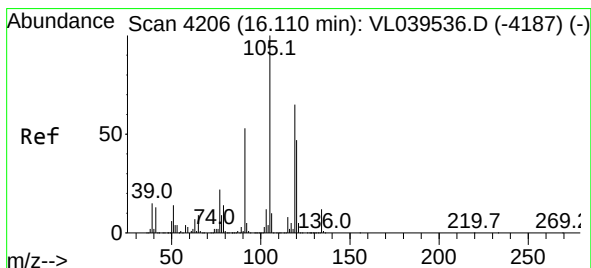
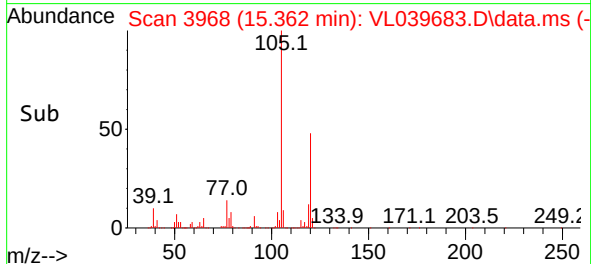
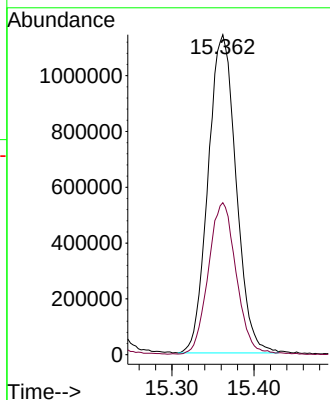
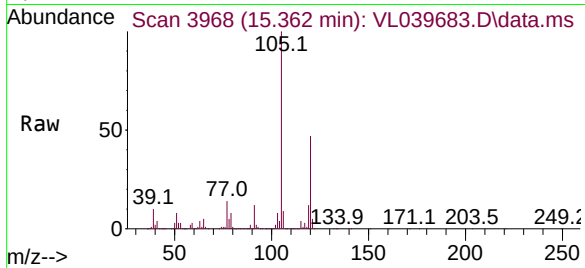




#73
 1,3,5-Trimethylbenzene
 Concen: 7.600 ppbv
 RT: 15.362 min Scan# 3970
 Delta R.T. 0.010 min
 Lab File: VL039683.D
 Acq: 4 Oct 2022 16:29

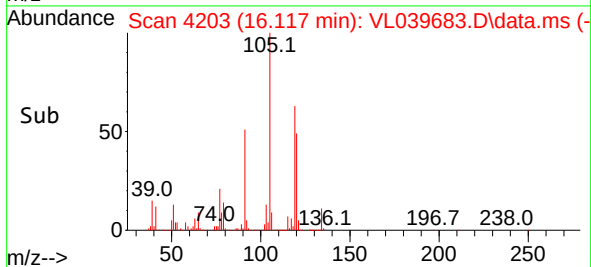
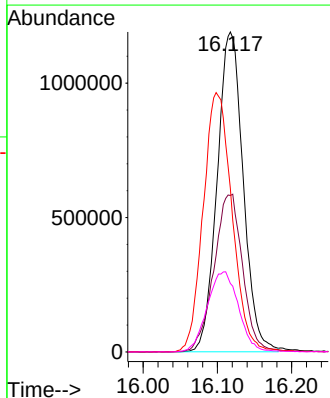
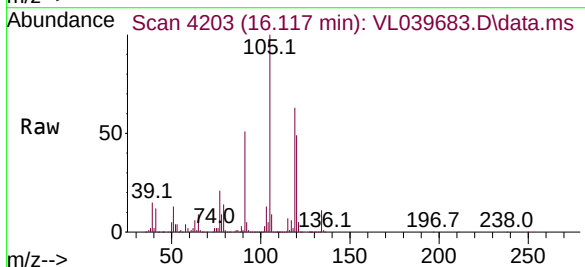
Instrument :
 MSVOA_1
 ClientSampleId :
 VL1004ABS01

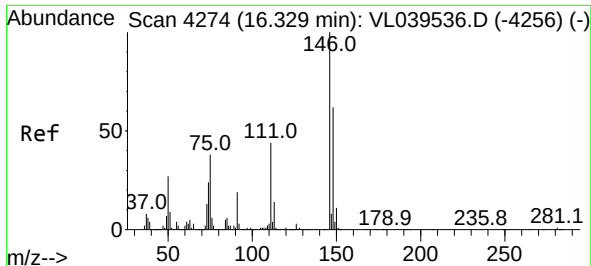
Tgt Ion:105 Resp: 2704884
 Ion Ratio Lower Upper
 105 100
 120 47.5 38.2 57.4



#74
 1,2,4-Trimethylbenzene
 Concen: 7.270 ppbv
 RT: 16.117 min Scan# 4203
 Delta R.T. 0.007 min
 Lab File: VL039683.D
 Acq: 4 Oct 2022 16:29

Tgt Ion:105 Resp: 2900428
 Ion Ratio Lower Upper
 105 100
 120 48.8 39.5 59.3
 91 50.7 39.2 58.8
 77 21.2 17.2 25.8

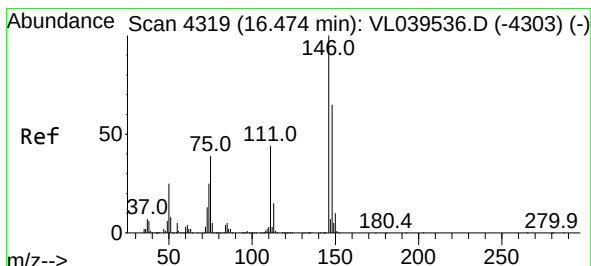
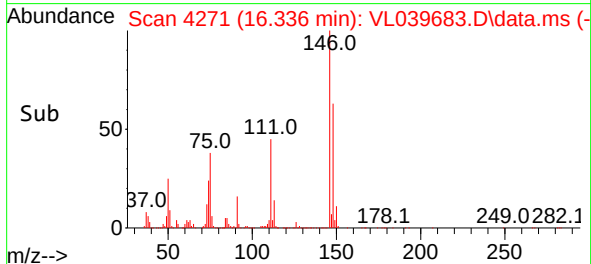
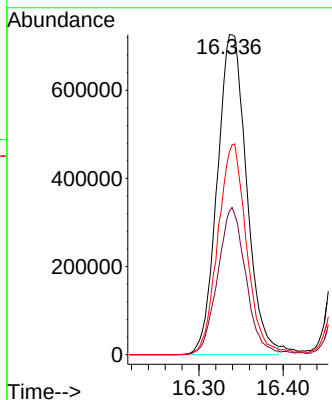
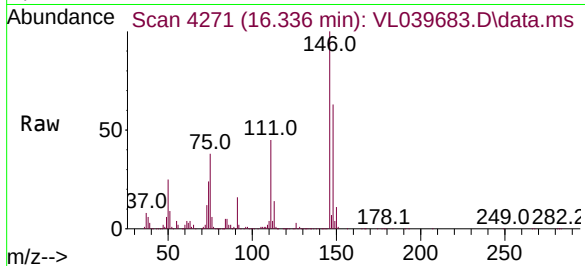




#75
1,3-Dichlorobenzene
Concen: 7.361 ppbv
RT: 16.336 min Scan# 41
Delta R.T. 0.007 min
Lab File: VL039683.D
Acq: 4 Oct 2022 16:29

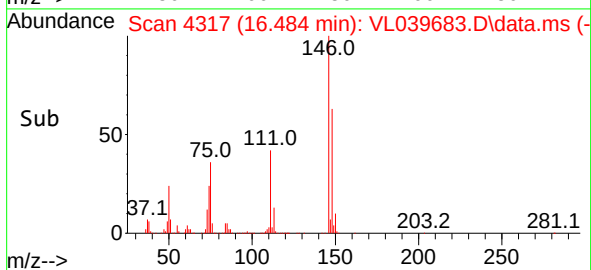
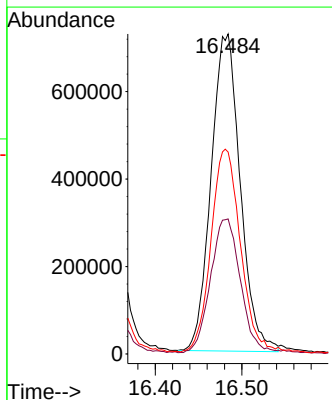
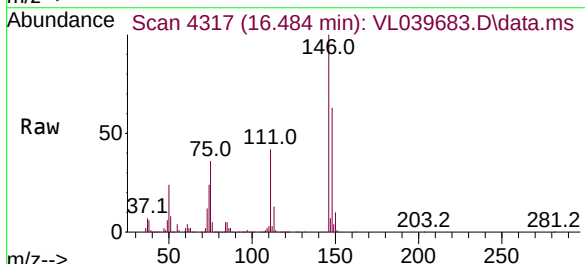
Instrument :
MSVOA_1
ClientSampleId :
VL1004ABS01

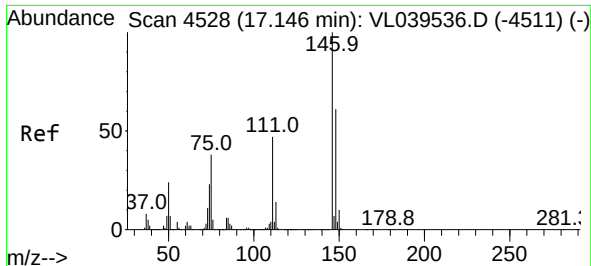
Tgt Ion:146 Resp: 1752249
Ion Ratio Lower Upper
146 100
111 44.6 22.9 68.7
148 64.8 32.1 96.5



#76
1,4-Dichlorobenzene
Concen: 7.114 ppbv
RT: 16.484 min Scan# 4317
Delta R.T. 0.010 min
Lab File: VL039683.D
Acq: 4 Oct 2022 16:29

Tgt Ion:146 Resp: 1694007
Ion Ratio Lower Upper
146 100
111 44.9 22.9 68.8
148 66.8 33.6 100.8



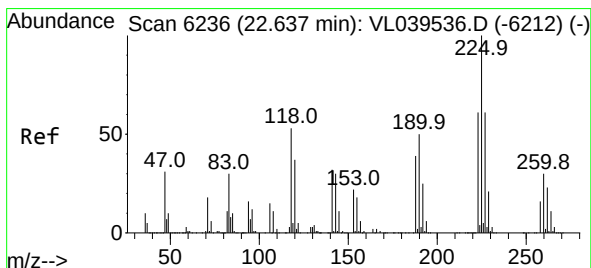
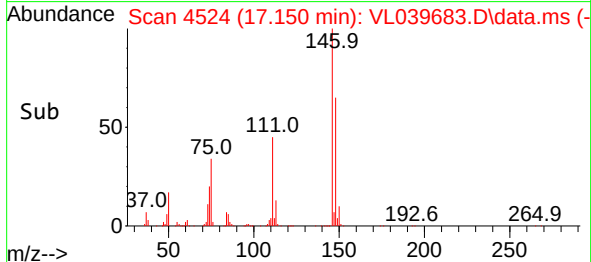
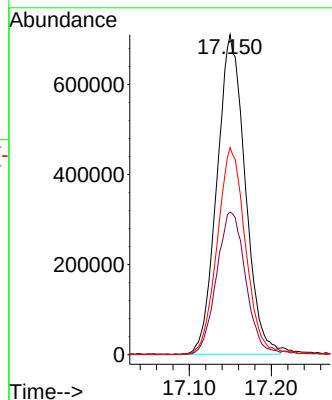
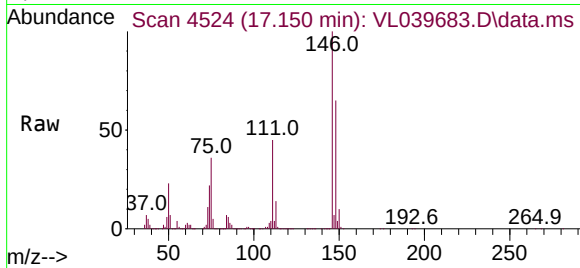


#77
 1,2-Dichlorobenzene
 Concen: 7.293 ppbv
 RT: 17.150 min Scan# 41
 Delta R.T. 0.004 min
 Lab File: VL039683.D
 Acq: 4 Oct 2022 16:29

Instrument :
 MSVOA_L
 ClientSampleId :
 VL1004ABS01

Tgt Ion:146 Resp: 1692800

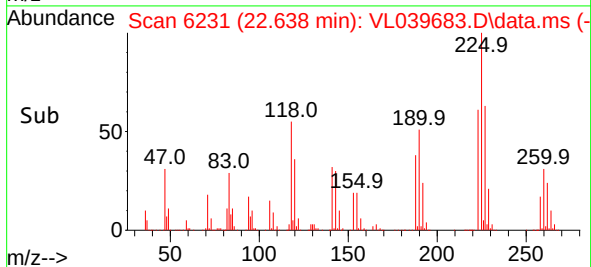
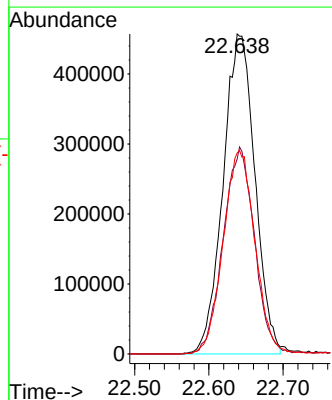
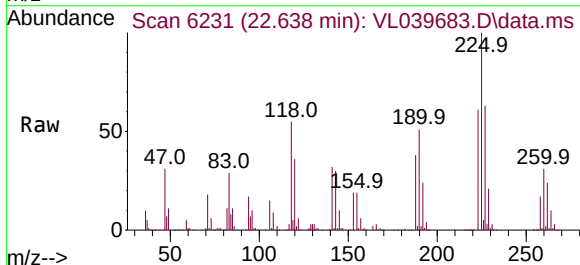
Ion	Ratio	Lower	Upper
146	100		
111	46.9	23.8	71.5
148	65.6	32.3	96.8

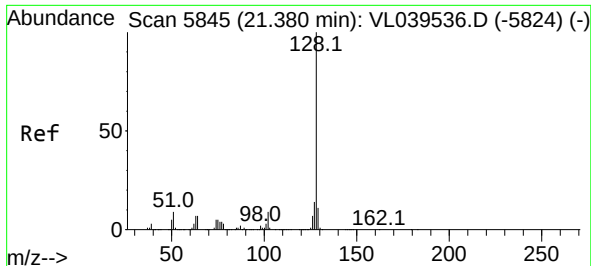


#78
 Hexachloro-1,3-Butadiene
 Concen: 7.677 ppbv
 RT: 22.638 min Scan# 6231
 Delta R.T. 0.001 min
 Lab File: VL039683.D
 Acq: 4 Oct 2022 16:29

Tgt Ion:225 Resp: 1361635

Ion	Ratio	Lower	Upper
225	100		
223	63.7	51.8	77.6
227	63.7	51.4	77.2

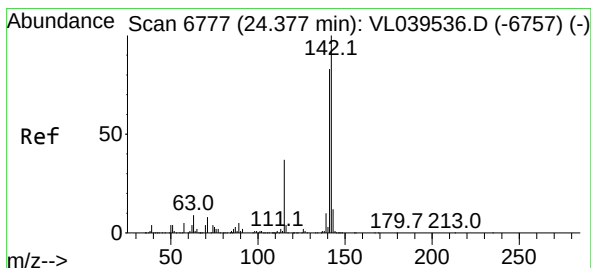
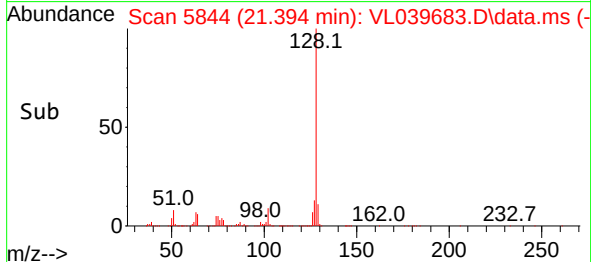
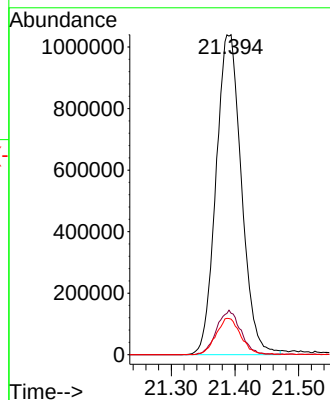
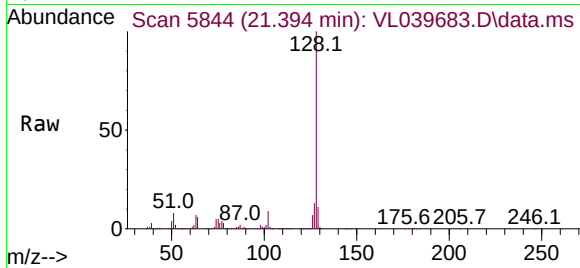




#79
Naphthalene
Concen: 10.953 ppbv
RT: 21.394 min Scan# 5844
Delta R.T. 0.014 min
Lab File: VL039683.D
Acq: 4 Oct 2022 16:29

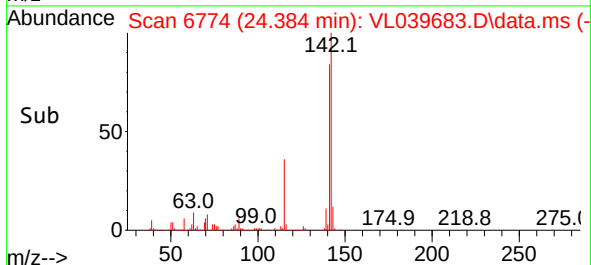
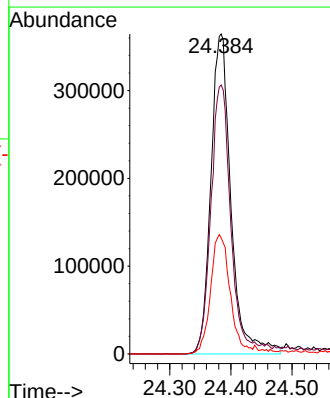
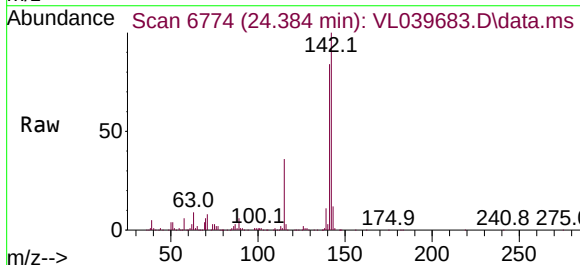
Instrument :
MSVOA_1
ClientSampleId :
VL1004ABS01

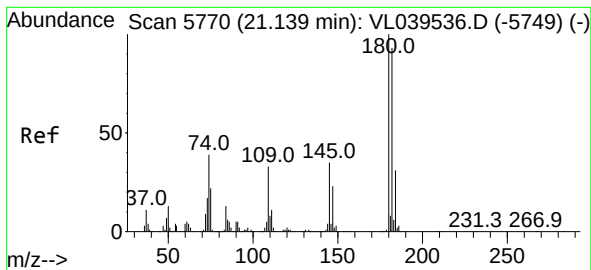
Tgt Ion:128 Resp: 2883679
Ion Ratio Lower Upper
128 100
127 12.9 10.6 15.8
129 11.1 8.8 13.2



#80
Naphthalene,2-methyl-
Concen: 8.380 ppbv
RT: 24.384 min Scan# 6774
Delta R.T. 0.007 min
Lab File: VL039683.D
Acq: 4 Oct 2022 16:29

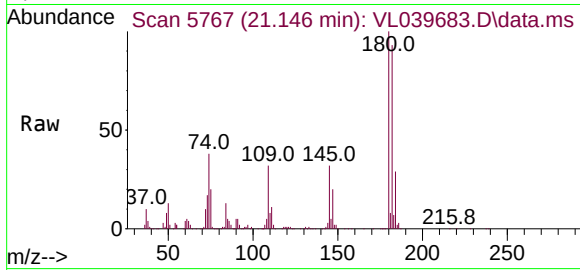
Tgt Ion:142 Resp: 829505
Ion Ratio Lower Upper
142 100
141 87.0 68.9 103.3
115 37.6 30.0 45.0





#81
 1,2,4-Trichlorobenzene
 Concen: 9.321 ppbv
 RT: 21.146 min Scan# 51
 Delta R.T. 0.007 min
 Lab File: VL039683.D
 Acq: 4 Oct 2022 16:29

Instrument :
 MSVOA_L
 ClientSampleId :
 VL1004ABS01



Tgt Ion:180 Resp: 1611775

Ion	Ratio	Lower	Upper
180	100		
182	95.7	77.1	115.7
184	30.5	24.3	36.5

