

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL091922\
 Data File : VL039627.D
 Acq On : 19 Sep 2022 9:04
 Operator : SY/AP
 Sample : VSTDICCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010

Quant Time: Sep 20 07:51:18 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	5.205	49	1184127	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.664	114	3115798	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.475	117	3626780	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.780	95	2291326	8.463	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	84.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.751	85	1126044	8.203	ppbv	100
3) Chlorodifluoromethane	2.697	51	1234062	8.782	ppbv	97
4) Chloromethane	2.832	50	755688	8.912	ppbv	98
5) Vinyl Chloride	2.941	62	663959	9.394	ppbv	97
6) Bromomethane	3.141	94	239545	9.190	ppbv	95
7) Chloroethane	3.218	64	249011	9.633	ppbv	96
8) Dichlorotetrafluoroethane	2.877	85	1502005	9.121	ppbv	94
9) Propene	2.716	41	584911	9.114	ppbv	100
10) Heptane	7.587	43	1447501	9.665	ppbv	99
11) Trichlorofluoromethane	3.584	101	1530902	9.005	ppbv	99
12) 1,1,2-Trichlorotrifluo...	4.086	101	1125899	8.768	ppbv	98
13) Ethanol	3.263	45	40399	8.261	ppbv	72
14) Bromoethene	3.388	108	483997	9.442	ppbv	98
15) Acetone	3.488	43	1146923	8.704	ppbv	99
16) 1,3-Butadiene	3.005	39	640722	9.586	ppbv	99
17) tert-Butyl alcohol	3.896	59	1199544	10.144	ppbv	98
18) 1,1-Dichloroethene	3.896	96	522481	9.248	ppbv	97
19) Isopropyl Alcohol	3.591	45	646998	9.633	ppbv #	97
20) Methylene Chloride	3.951	84	439251	7.210	ppbv	96
21) Allyl Chloride	4.015	41	822451	9.167	ppbv	99
22) trans-1,2-Dichloroethene	4.462	96	534558	9.564	ppbv	93
23) Vinyl Acetate	4.642	43	553090	9.286	ppbv #	97
24) 1,1-Dichloroethane	4.581	63	1095589	9.236	ppbv	99
25) Ethyl Acetate	5.221	43	2591791	9.021	ppbv	99
26) Hexane	5.227	57	1078491	8.845	ppbv	97
27) Carbon Disulfide	4.140	76	1324019	10.333	ppbv	98
28) Methyl tert-Butyl Ether	4.603	73	958694	9.359	ppbv	99
29) Chloroform	5.288	83	1592277	9.046	ppbv	97
30) Cyclohexane	6.613	84	897087	9.501	ppbv	93
31) cis-1,2-Dichloroethene	5.092	61	1061385	9.625	ppbv	97
32) 1,1,1-Trichloroethane	6.018	97	1578536	9.906	ppbv	99
34) 2-Butanone	4.803	43	1316659	8.603	ppbv	97
35) Carbon Tetrachloride	6.504	117	1632559	9.870	ppbv	100
36) Benzene	6.382	78	2252442	9.456	ppbv	97
37) 1,2-Dichloroethane	5.819	62	1213931	9.363	ppbv	100
38) Trichloroethene	7.301	130	1278573	9.931	ppbv	99
39) 1,2-Dichloropropane	7.082	63	862523	9.377	ppbv	95
40) 1,4-Dioxane	7.301	88	311078	8.282	ppbv #	1
41) Tetrahydrofuran	5.571	42	958817	10.212	ppbv	95
42) Bromodichloromethane	7.256	83	1733917	9.615	ppbv	99
43) Methyl Methacrylate	7.488	69	892618	10.279	ppbv	98
44) 2,2,4-Trimethylpentane	7.336	57	3803681	9.264	ppbv	98
45) t-1,3-Dichloropropene	8.719	75	865012	11.788	ppbv	100

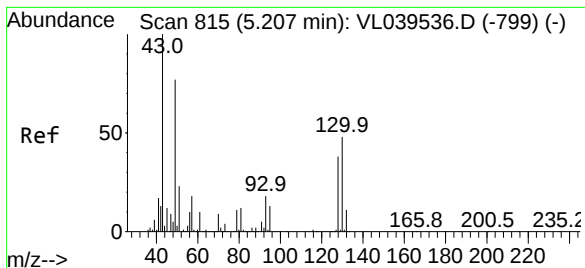
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 Data File : VL039627.D
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Quant Time: Sep 20 07:51:18 2022
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.150	75	1170581	11.206	ppbv	97
47) 1,1,2-Trichloroethane	8.906	97	925690	9.207	ppbv	97
48) Dibromochloromethane	9.716	129	1564053	10.330	ppbv	100
49) Bromoform	12.413	173	1323671	10.570	ppbv	99
50) 4-Methyl-2-Pentanone	8.192	43	2402713	9.991	ppbv	99
51) 2-Hexanone	9.561	43	1882765	10.576	ppbv	99
52) Tetrachloroethene	10.623	164	843377	9.280	ppbv	98
53) Toluene	9.227	91	2678403	10.109	ppbv	99
54) 1,2-Dibromoethane	10.015	107	1094906	10.179	ppbv	99
56) 1,1,1,2-Tetrachloroethane	11.516	131	1124407	7.672	ppbv	97
57) Chlorobenzene	11.536	112	2012125	7.545	ppbv	99
58) Ethyl Benzene	12.098	91	3492719	8.352	ppbv	96
59) m/p-Xylene	12.381	91	2943326	7.909	ppbv #	29
60) o-Xylene	13.069	91	2833970	7.975	ppbv	100
61) Styrene	12.905	104	1718664	8.980	ppbv	99
62) Isopropylbenzene	14.037	105	4120955	7.706	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.053	83	1076744	7.596	ppbv	100
64) n-propylbenzene	14.925	120	1066606	7.789	ppbv	95
65) tert-Butylbenzene	16.098	119	3619797	7.662	ppbv	100
66) Benzyl Chloride	16.330	91	171226	4.552	ppbv #	71
67) sec-Butylbenzene	16.645	105	5047274	7.617	ppbv	99
69) p-Isopropyltoluene	17.005	119	4230781	7.770	ppbv	99
70) n-Butylbenzene	17.892	91	4152396	7.779	ppbv	99
71) 2-Chlorotoluene	14.809	91	3036997	7.866	ppbv	100
72) 4-Ethyltoluene	15.201	105	3330688	8.210	ppbv	99
73) 1,3,5-Trimethylbenzene	15.359	105	2941128	7.922	ppbv	96
74) 1,2,4-Trimethylbenzene	16.117	105	3179826	7.641	ppbv	98
75) 1,3-Dichlorobenzene	16.339	146	1894684	7.631	ppbv	99
76) 1,4-Dichlorobenzene	16.481	146	1807073	7.275	ppbv	99
77) 1,2-Dichlorobenzene	17.150	146	1825921	7.541	ppbv	99
78) Hexachloro-1,3-Butadiene	22.641	225	1245122	6.730	ppbv	99
79) Naphthalene	21.387	128	2502981	9.114	ppbv	98
80) Naphthalene,2-methyl-	24.384	142	862758	8.355	ppbv	99
81) 1,2,4-Trichlorobenzene	21.146	180	1414178	7.840	ppbv	98

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

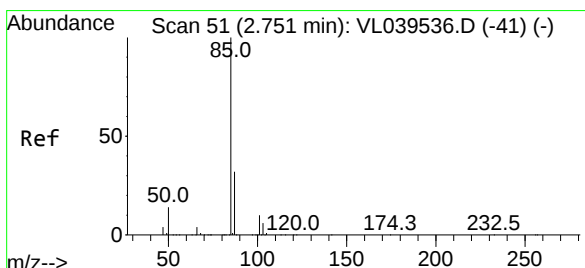
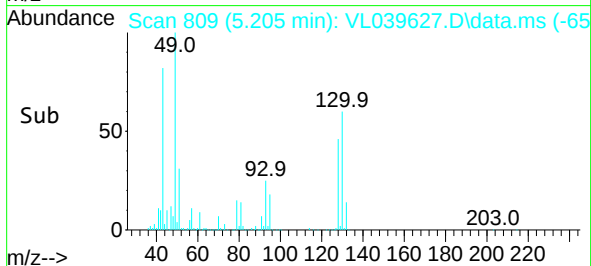
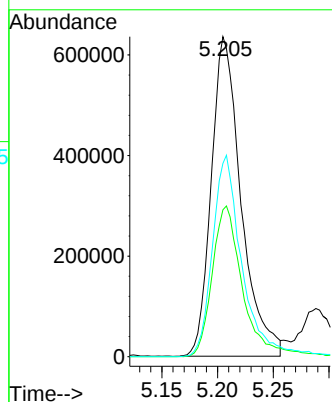
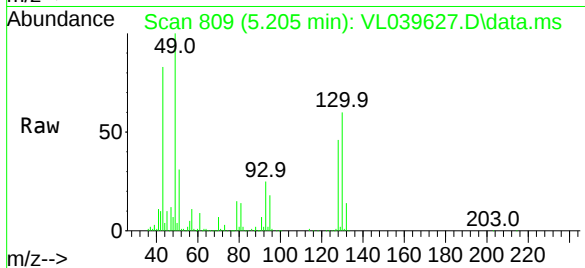


#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.205 min Scan# 815
 Delta R.T. -0.002 min
 Lab File: VL039627.D
 Acq: 19 Sep 2022 9:04

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010

Tgt Ion: 49 Resp: 1184127

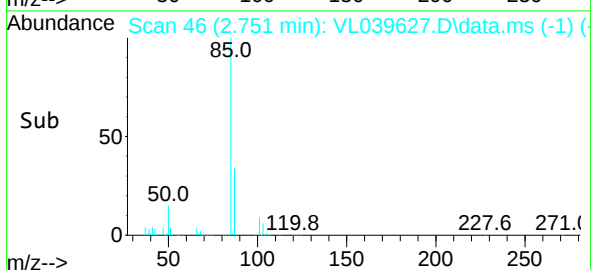
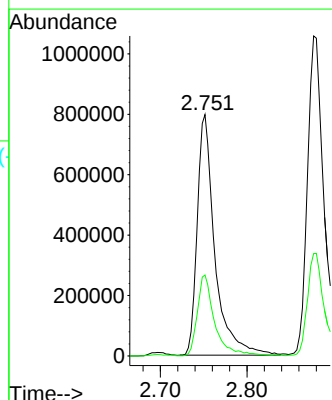
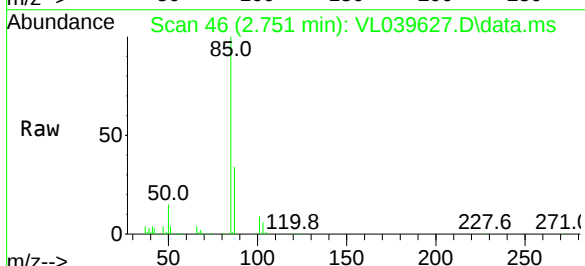
Ion	Ratio	Lower	Upper
49	100		
128	49.4	26.7	80.0
130	63.9	34.3	102.8



#2
 Dichlorodifluoromethane
 Concen: 8.203 ppbv
 RT: 2.751 min Scan# 46
 Delta R.T. 0.001 min
 Lab File: VL039627.D
 Acq: 19 Sep 2022 9:04

Tgt Ion: 85 Resp: 1126044

Ion	Ratio	Lower	Upper
85	100		
87	33.6	26.7	40.1

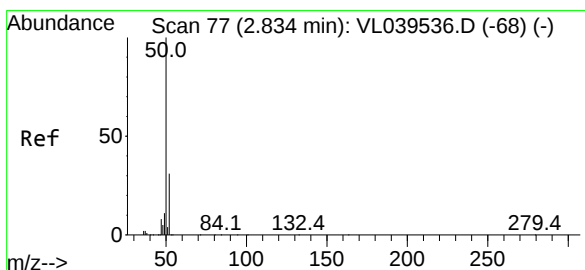
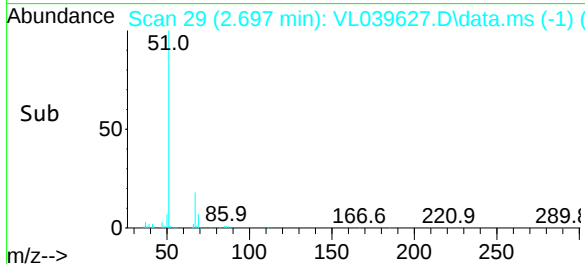
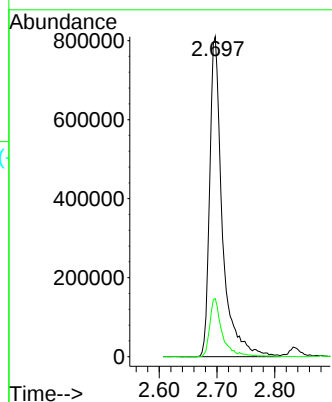
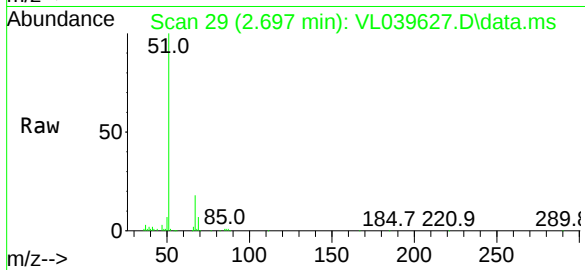




#3
Chlorodifluoromethane
Concen: 8.782 ppbv
RT: 2.697 min Scan# 29
Delta R.T. 0.004 min
Lab File: VL039627.D
Acq: 19 Sep 2022 9:04

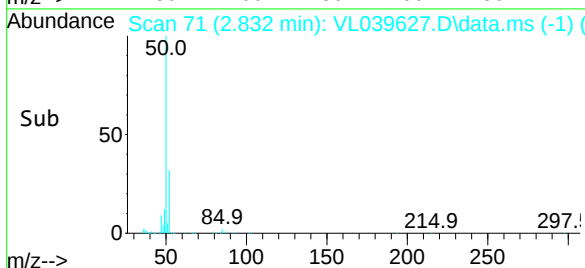
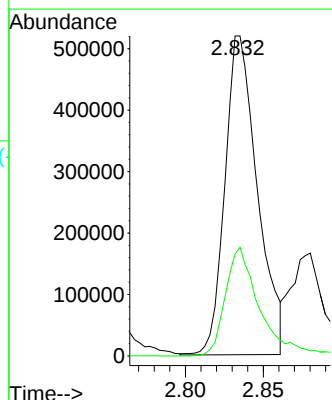
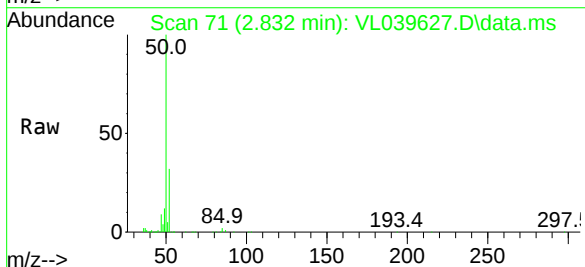
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ClientSampleId :
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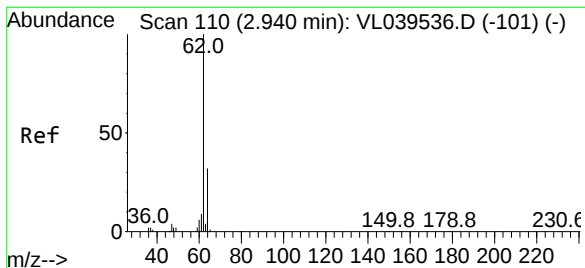
Tgt Ion: 51 Resp: 1234062
Ion Ratio Lower Upper
51 100
67 18.1 15.7 23.5



#4
Chloromethane
Concen: 8.912 ppbv
RT: 2.832 min Scan# 71
Delta R.T. -0.002 min
Lab File: VL039627.D
Acq: 19 Sep 2022 9:04

Tgt Ion: 50 Resp: 755688
Ion Ratio Lower Upper
50 100
52 32.1 26.5 39.7

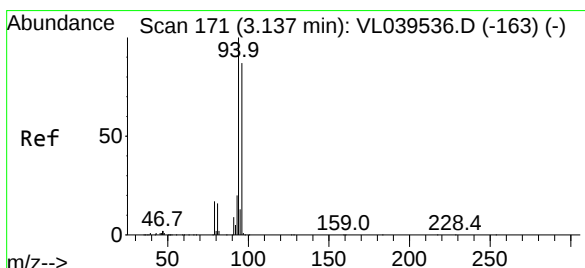
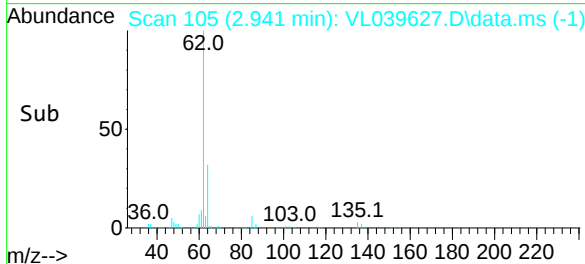
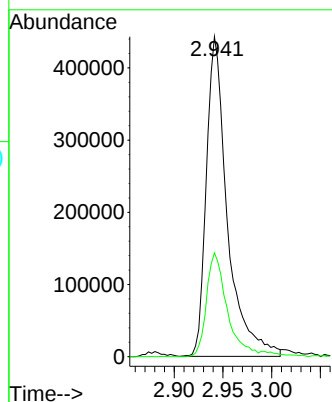
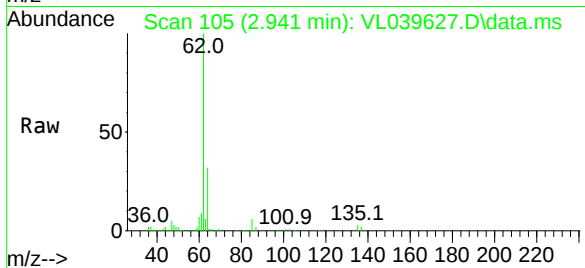




#5
 Vinyl Chloride
 Concen: 9.394 ppbv
 RT: 2.941 min Scan# 110
 Delta R.T. 0.001 min
 Lab File: VL039627.D
 Acq: 19 Sep 2022 9:04

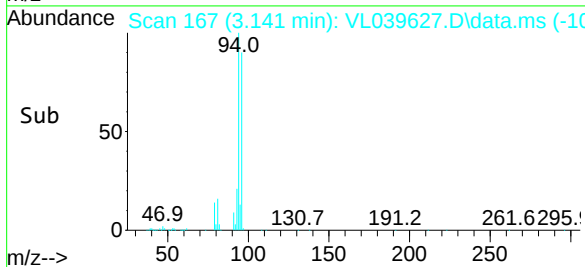
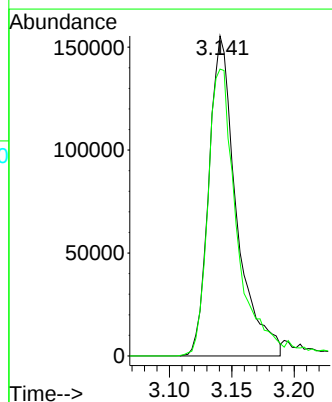
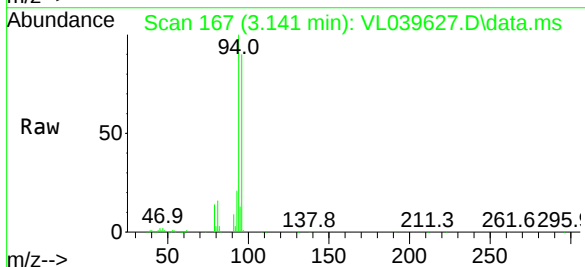
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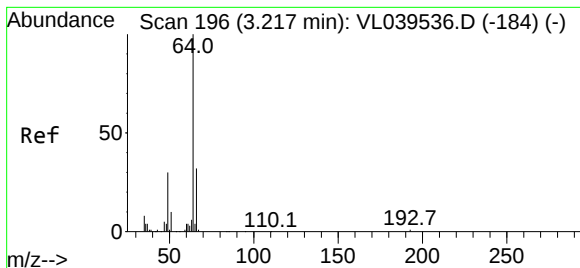
Tgt Ion: 62 Resp: 663959
 Ion Ratio Lower Upper
 62 100
 64 32.5 24.6 36.8



#6
 Bromomethane
 Concen: 9.190 ppbv
 RT: 3.141 min Scan# 167
 Delta R.T. 0.004 min
 Lab File: VL039627.D
 Acq: 19 Sep 2022 9:04

Tgt Ion: 94 Resp: 239545
 Ion Ratio Lower Upper
 94 100
 96 89.5 75.6 113.4

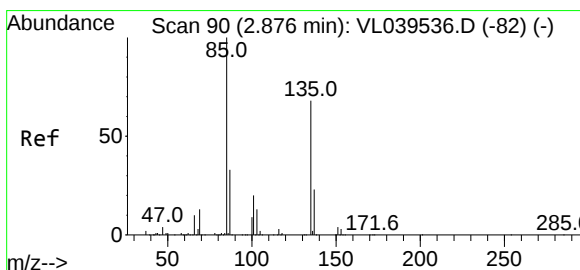
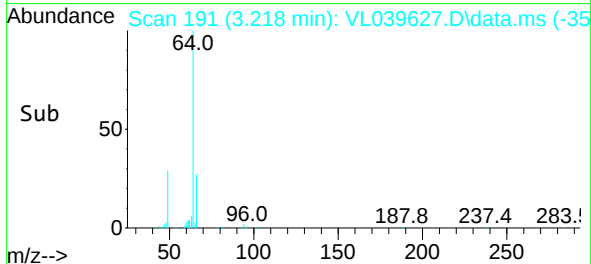
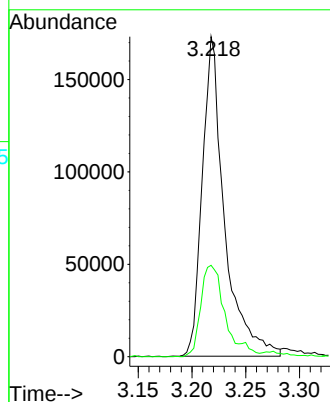
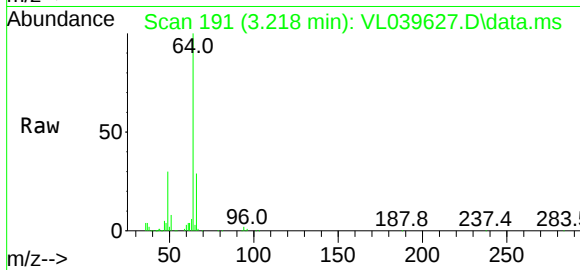




#7
Chloroethane
Concen: 9.633 ppbv
RT: 3.218 min Scan# 196
Delta R.T. 0.001 min
Lab File: VL039627.D
Acq: 19 Sep 2022 9:04

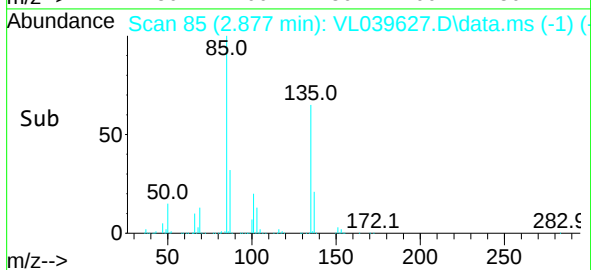
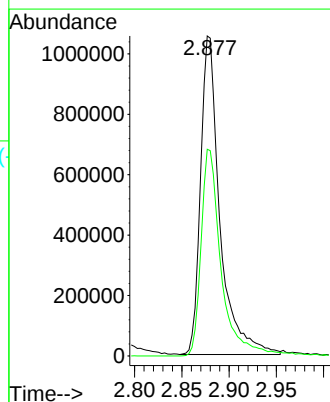
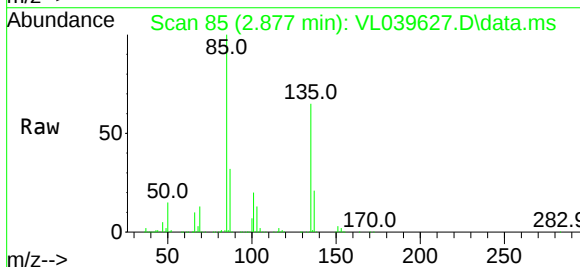
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 64 Resp: 249011
Ion Ratio Lower Upper
64 100
66 28.6 24.7 37.1



#8
Dichlorotetrafluoroethane
Concen: 9.121 ppbv
RT: 2.877 min Scan# 85
Delta R.T. 0.001 min
Lab File: VL039627.D
Acq: 19 Sep 2022 9:04

Tgt Ion: 85 Resp: 1502005
Ion Ratio Lower Upper
85 100
135 68.6 59.0 88.4

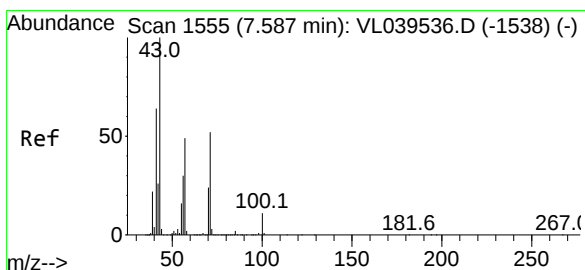
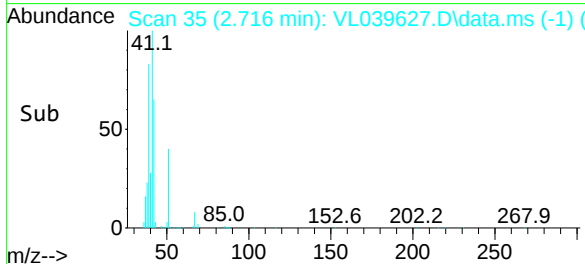
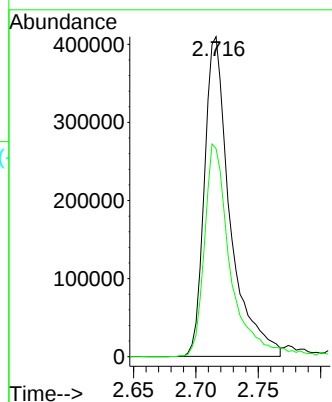
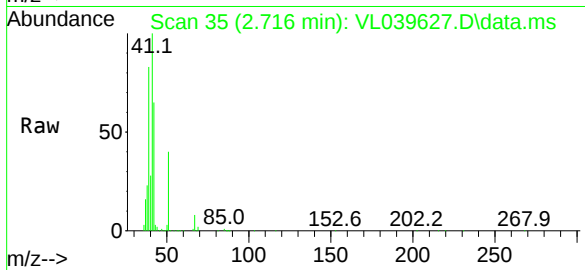




#9
 Propene
 Concen: 9.114 ppbv
 RT: 2.716 min Scan# 31
 Delta R.T. 0.001 min
 Lab File: VL039627.D
 Acq: 19 Sep 2022 9:04

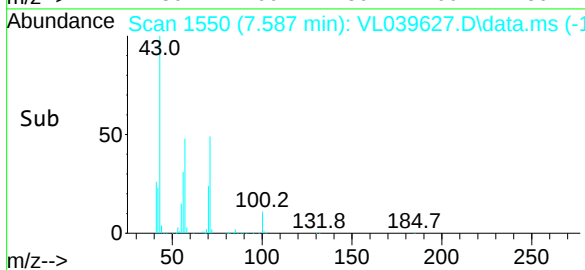
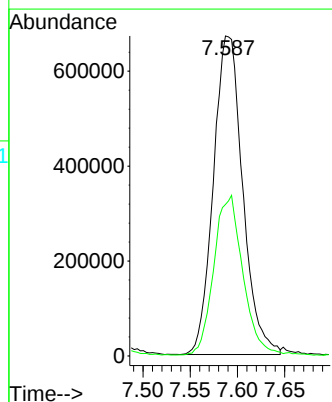
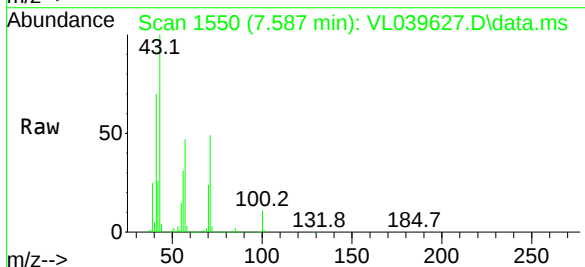
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 ClientSampleId :
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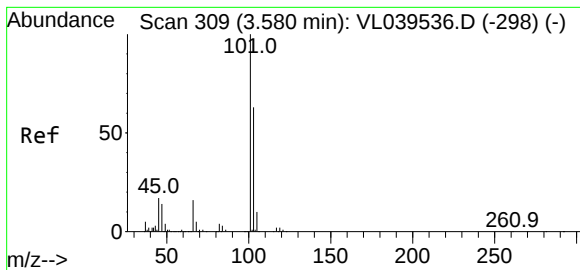
Tgt Ion: 41 Resp: 584911
 Ion Ratio Lower Upper
 41 100
 42 68.9 55.2 82.8



#10
 Heptane
 Concen: 9.665 ppbv
 RT: 7.587 min Scan# 1550
 Delta R.T. 0.001 min
 Lab File: VL039627.D
 Acq: 19 Sep 2022 9:04

Tgt Ion: 43 Resp: 1447501
 Ion Ratio Lower Upper
 43 100
 57 50.2 40.5 60.7

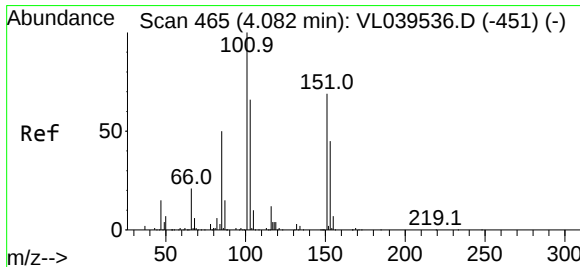
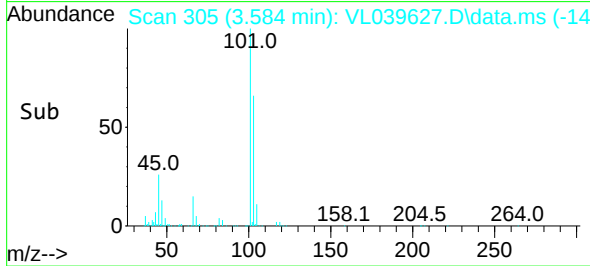
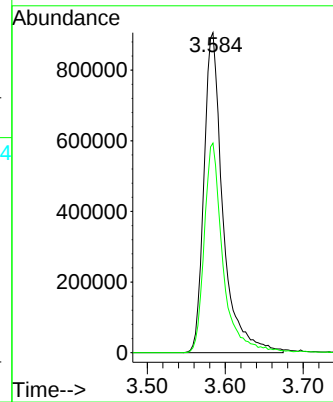
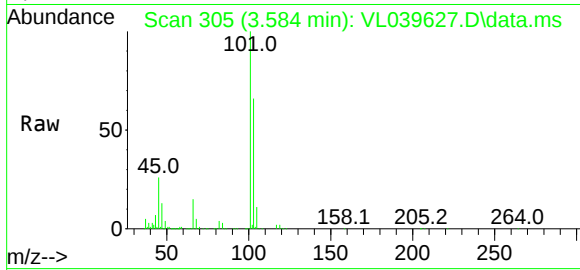




#11
 Trichlorofluoromethane
 Concen: 9.005 ppbv
 RT: 3.584 min Scan# 309
 Delta R.T. 0.004 min
 Lab File: VL039627.D
 Acq: 19 Sep 2022 9:04

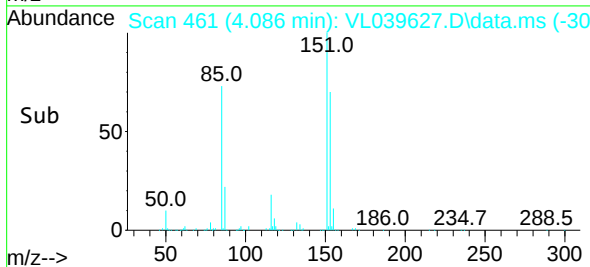
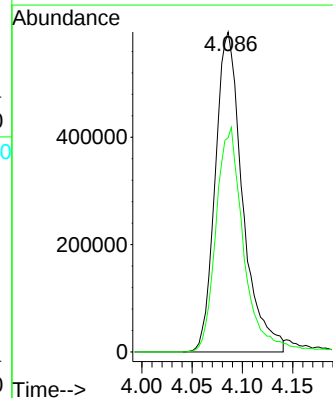
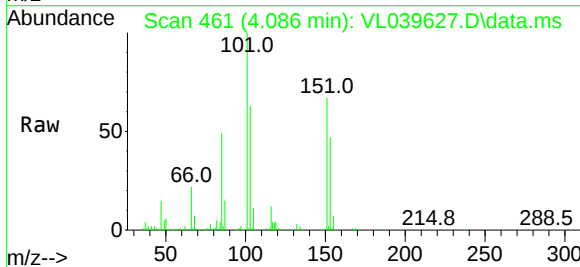
Instrument :
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 ClientSampleId :
 VSTDICCC010

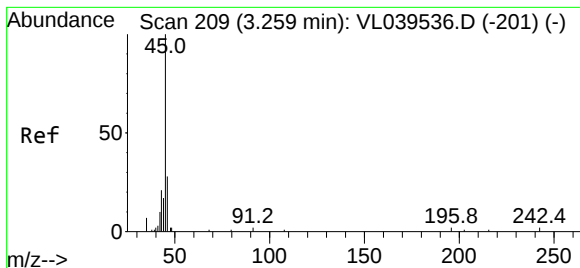
Tgt Ion:101 Resp: 1530902
 Ion Ratio Lower Upper
 101 100
 103 65.5 51.8 77.8



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 8.768 ppbv
 RT: 4.086 min Scan# 461
 Delta R.T. 0.004 min
 Lab File: VL039627.D
 Acq: 19 Sep 2022 9:04

Tgt Ion:101 Resp: 1125899
 Ion Ratio Lower Upper
 101 100
 151 72.0 58.9 88.3

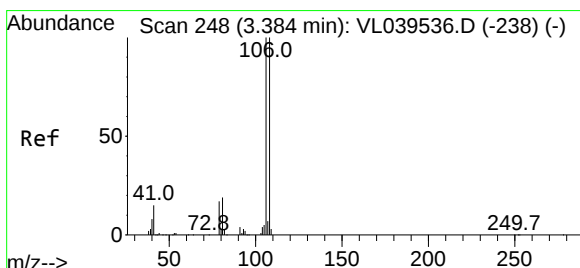
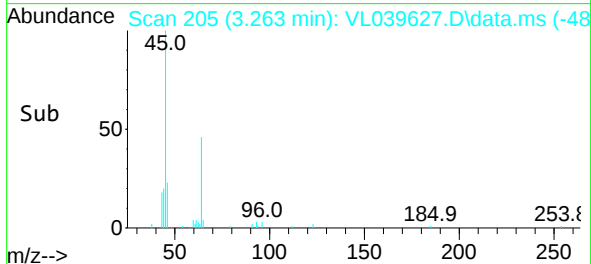
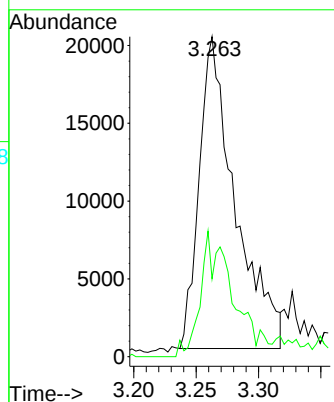
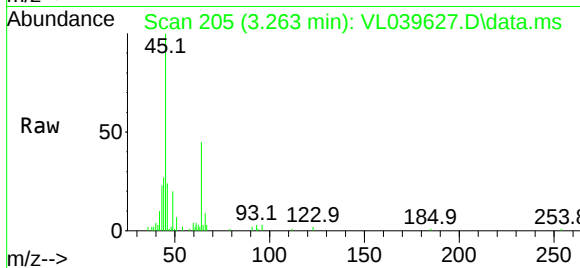




#13
Ethanol
Concen: 8.261 ppbv
RT: 3.263 min Scan# 209
Delta R.T. 0.004 min
Lab File: VL039627.D
Acq: 19 Sep 2022 9:04

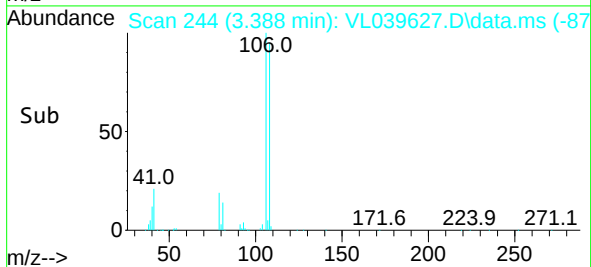
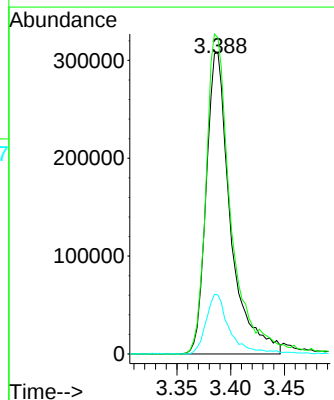
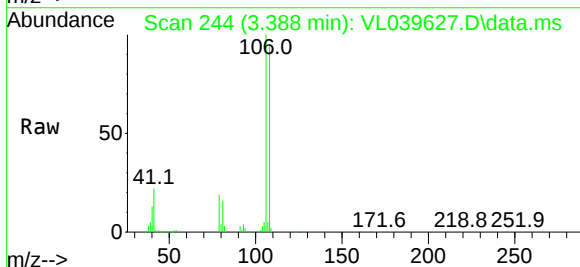
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

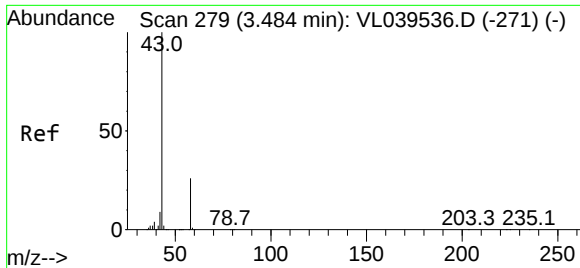
Tgt Ion: 45 Resp: 40399
Ion Ratio Lower Upper
45 100
46 36.1 22.8 91.2



#14
Bromoethene
Concen: 9.442 ppbv
RT: 3.388 min Scan# 244
Delta R.T. 0.004 min
Lab File: VL039627.D
Acq: 19 Sep 2022 9:04

Tgt Ion: 108 Resp: 483997
Ion Ratio Lower Upper
108 100
106 111.4 87.1 130.7
79 19.8 14.6 22.0

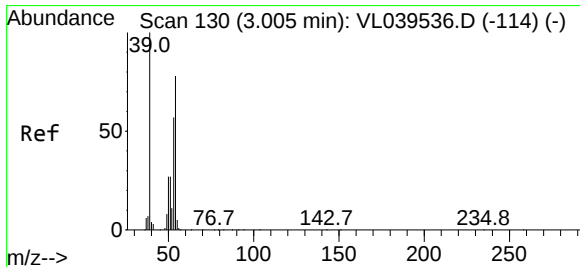
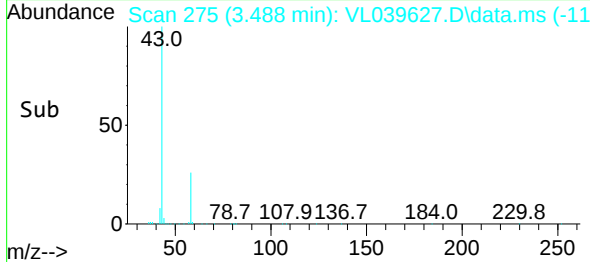
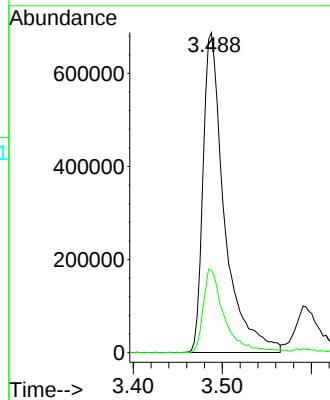
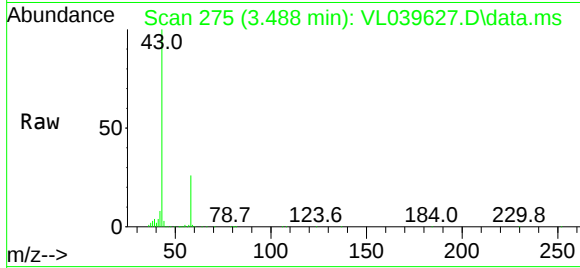




#15
Acetone
Concen: 8.704 ppbv
RT: 3.488 min Scan# 21
Delta R.T. 0.004 min
Lab File: VL039627.D
Acq: 19 Sep 2022 9:04

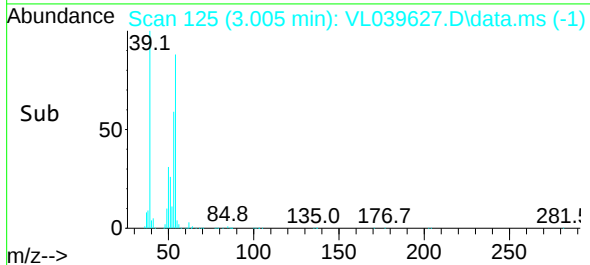
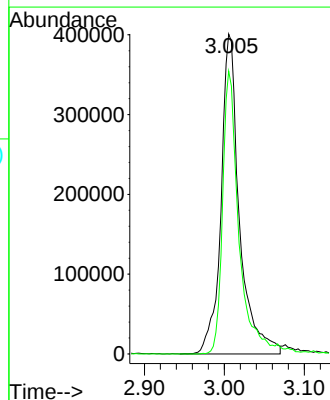
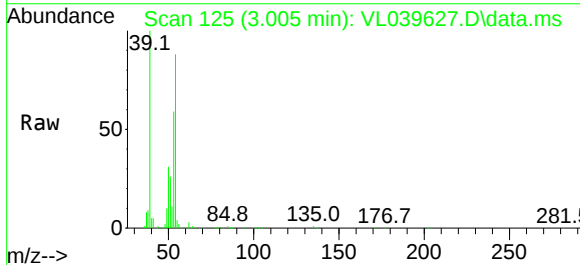
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

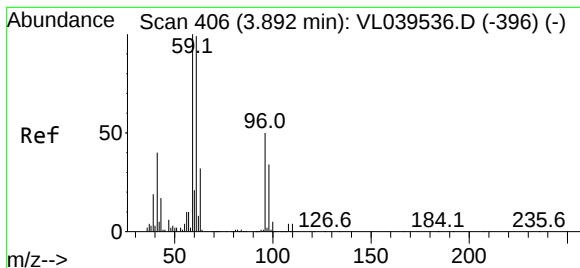
Tgt Ion: 43 Resp: 1146923
Ion Ratio Lower Upper
43 100
58 26.0 21.0 31.6



#16
1,3-Butadiene
Concen: 9.586 ppbv
RT: 3.005 min Scan# 125
Delta R.T. 0.001 min
Lab File: VL039627.D
Acq: 19 Sep 2022 9:04

Tgt Ion: 39 Resp: 640722
Ion Ratio Lower Upper
39 100
54 80.1 63.7 95.5

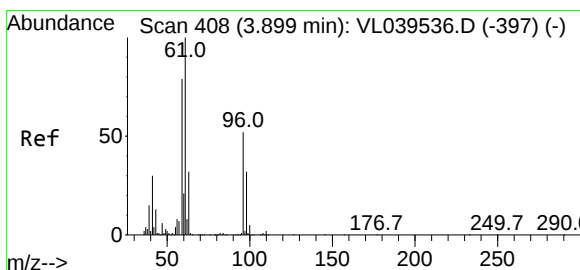
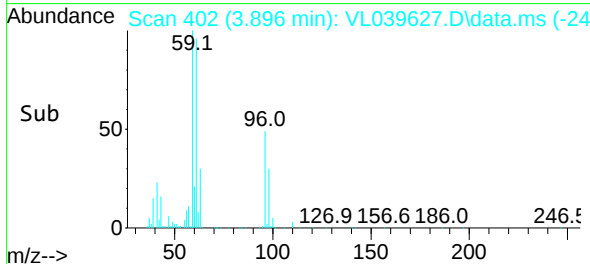
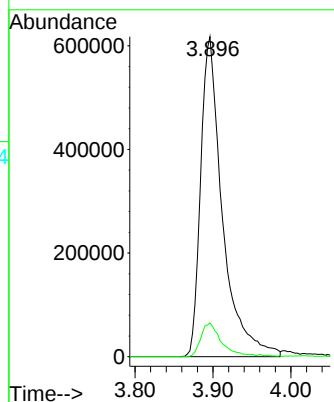
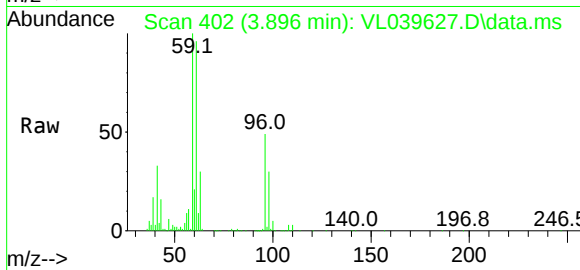




#17
tert-Butyl alcohol
Concen: 10.144 ppbv
RT: 3.896 min Scan# 402
Delta R.T. 0.004 min
Lab File: VL039627.D
Acq: 19 Sep 2022 9:04

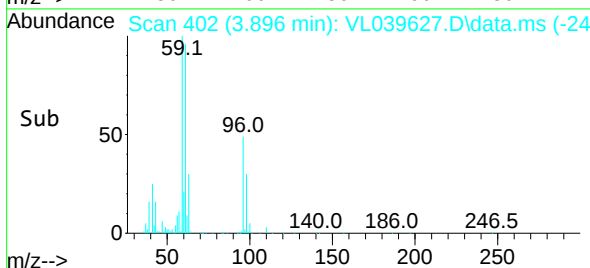
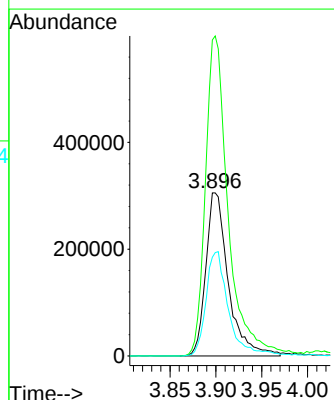
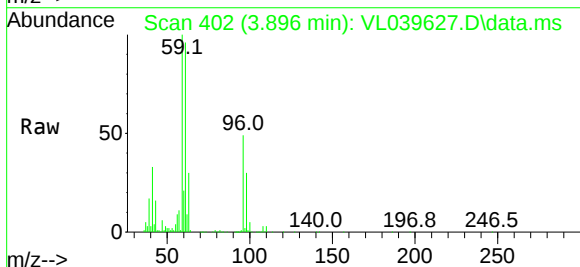
Instrument :
MSVOA_1
ClientSampleId :
VSTDICCC010

Tgt Ion: 59 Resp: 1199544
Ion Ratio Lower Upper
59 100
57 10.3 8.7 13.1



#18
1,1-Dichloroethene
Concen: 9.248 ppbv
RT: 3.896 min Scan# 402
Delta R.T. -0.002 min
Lab File: VL039627.D
Acq: 19 Sep 2022 9:04

Tgt Ion: 96 Resp: 522481
Ion Ratio Lower Upper
96 100
61 193.8 152.2 228.4
98 60.6 51.8 77.6

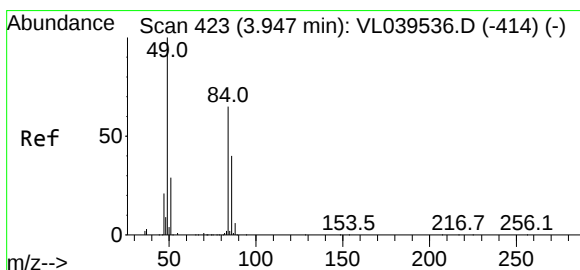
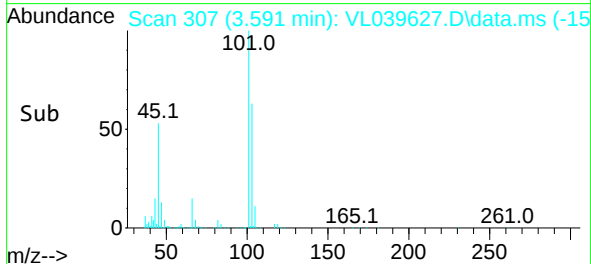
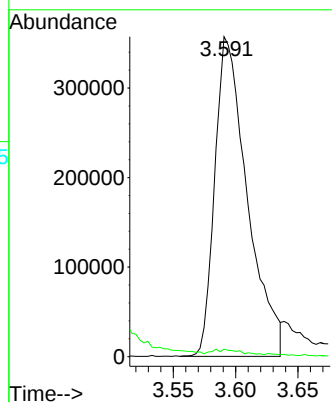
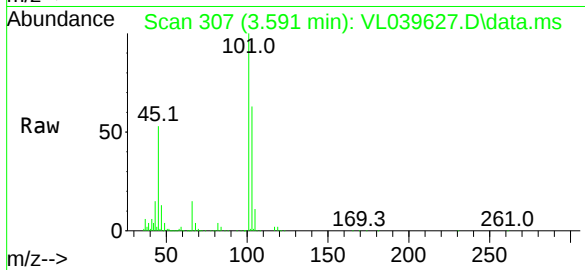




#19
Isopropyl Alcohol
Concen: 9.633 ppbv
RT: 3.591 min Scan# 307
Delta R.T. 0.001 min
Lab File: VL039627.D
Acq: 19 Sep 2022 9:04

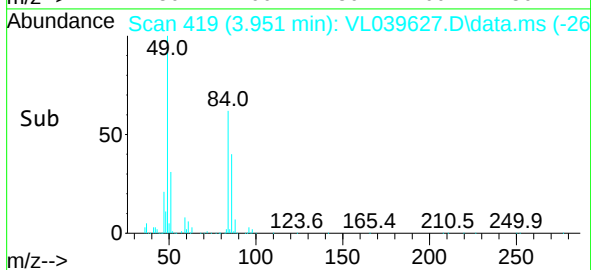
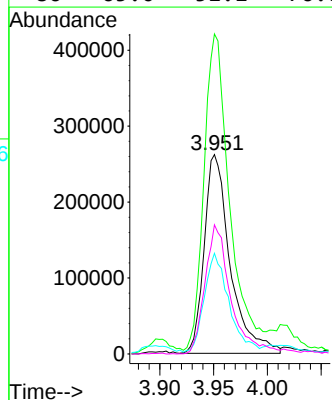
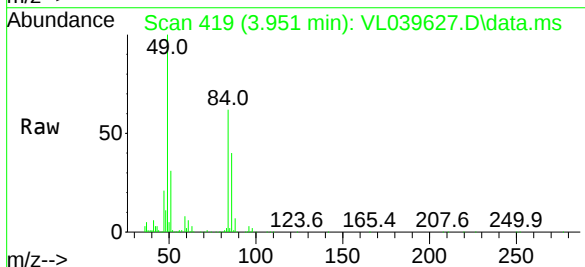
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

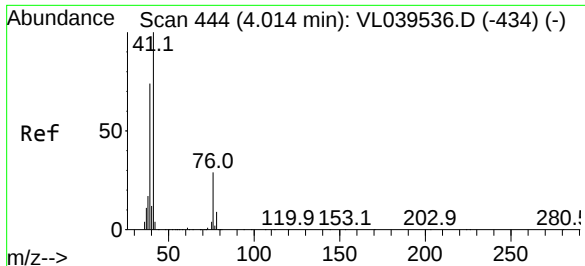
Tgt Ion: 45 Resp: 646998
Ion Ratio Lower Upper
45 100
58 3.0 3.2 4.8#



#20
Methylene Chloride
Concen: 7.210 ppbv
RT: 3.951 min Scan# 419
Delta R.T. 0.004 min
Lab File: VL039627.D
Acq: 19 Sep 2022 9:04

Tgt Ion: 84 Resp: 439251
Ion Ratio Lower Upper
84 100
49 158.4 123.1 184.7
51 48.7 34.4 51.6
86 65.0 51.1 76.7

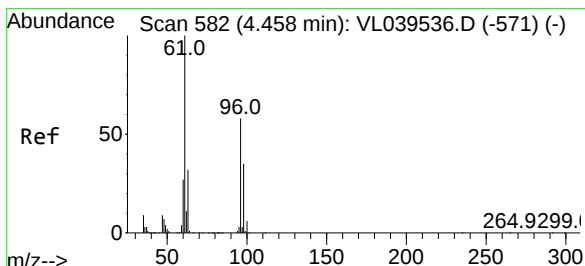
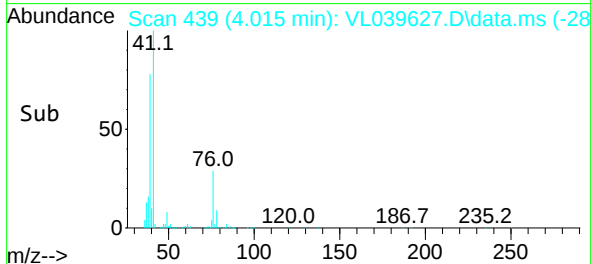
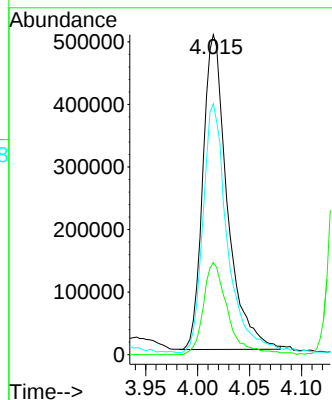
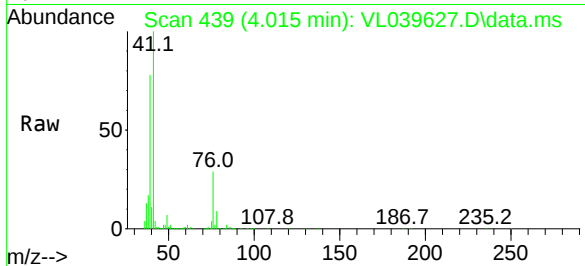




#21
 Allyl Chloride
 Concen: 9.167 ppbv
 RT: 4.015 min Scan# 41
 Delta R.T. 0.001 min
 Lab File: VL039627.D
 Acq: 19 Sep 2022 9:04

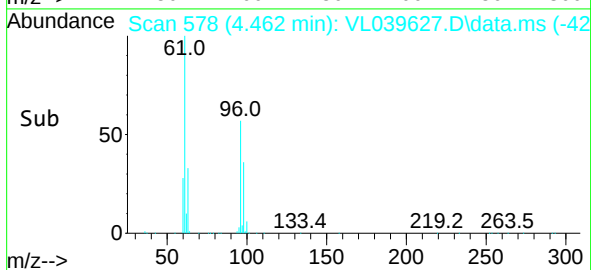
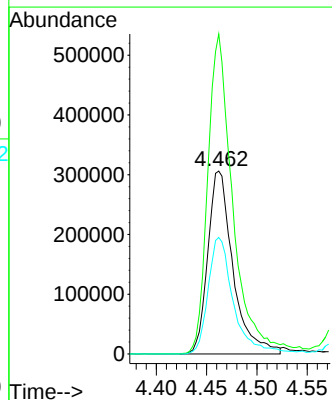
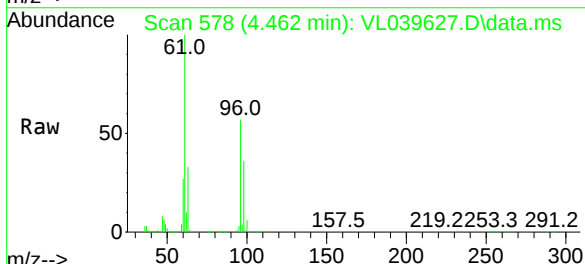
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010

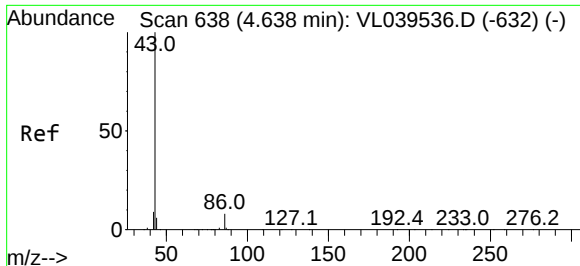
Tgt Ion:	41	Resp:	822451
Ion	Ratio	Lower	Upper
41	100		
76	29.5	24.4	36.6
39	80.4	63.5	95.3



#22
 trans-1,2-Dichloroethene
 Concen: 9.564 ppbv
 RT: 4.462 min Scan# 578
 Delta R.T. 0.004 min
 Lab File: VL039627.D
 Acq: 19 Sep 2022 9:04

Tgt Ion:	96	Resp:	534558
Ion	Ratio	Lower	Upper
96	100		
61	175.0	130.6	195.8
98	63.7	53.4	80.0



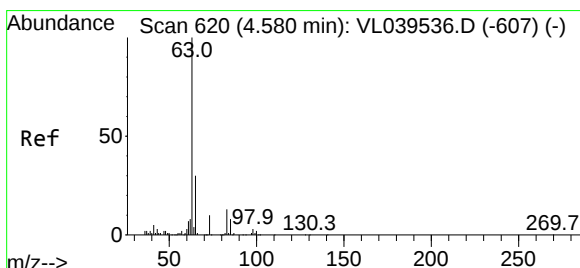
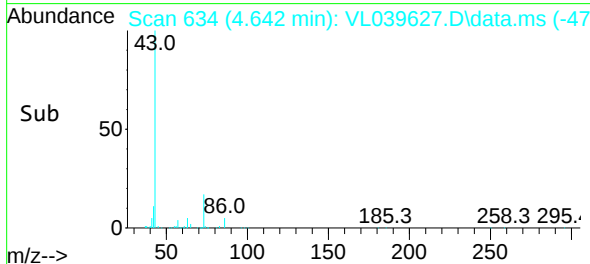
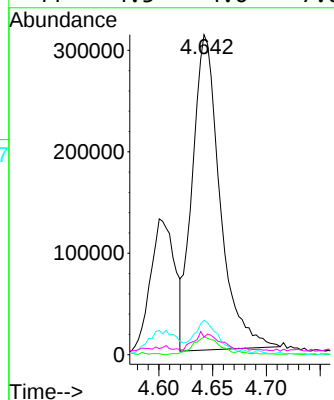
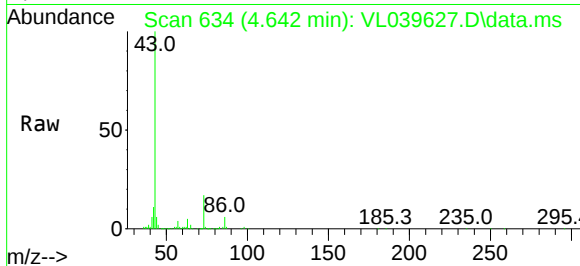


#23
 Vinyl Acetate
 Concen: 9.286 ppbv
 RT: 4.642 min Scan# 615
 Delta R.T. 0.004 min
 Lab File: VL039627.D
 Acq: 19 Sep 2022 9:04

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010

Tgt Ion: 43 Resp: 553090

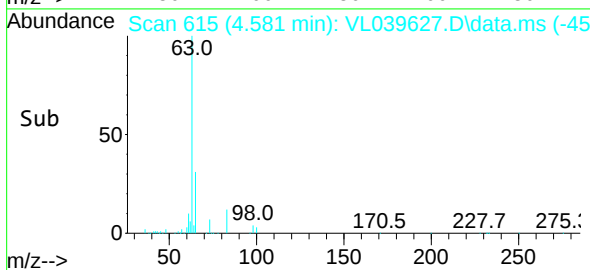
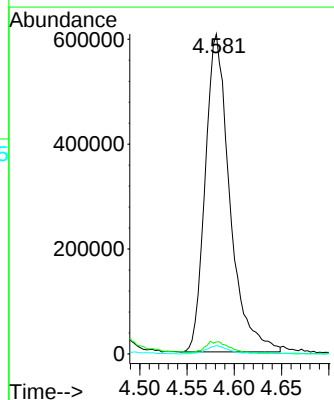
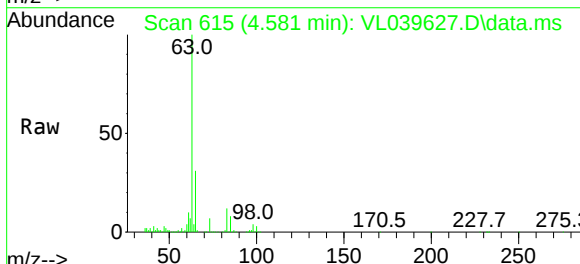
Ion	Ratio	Lower	Upper
43	100		
86	5.5	5.0	7.6
42	10.3	7.7	11.5
44	4.3	4.6	7.0

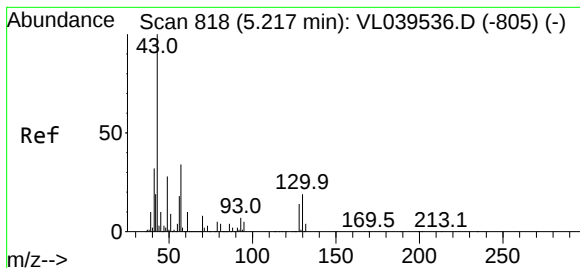


#24
 1,1-Dichloroethane
 Concen: 9.236 ppbv
 RT: 4.581 min Scan# 615
 Delta R.T. 0.001 min
 Lab File: VL039627.D
 Acq: 19 Sep 2022 9:04

Tgt Ion: 63 Resp: 1095589

Ion	Ratio	Lower	Upper
63	100		
98	3.6	1.8	5.3
100	2.6	1.5	4.4



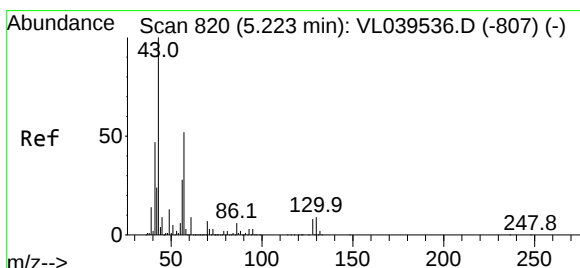
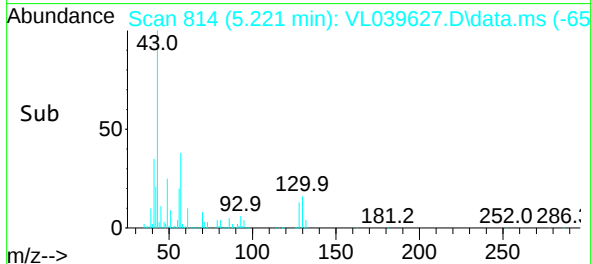
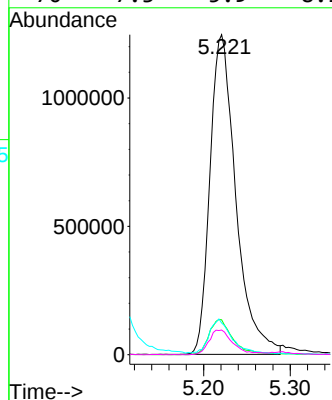
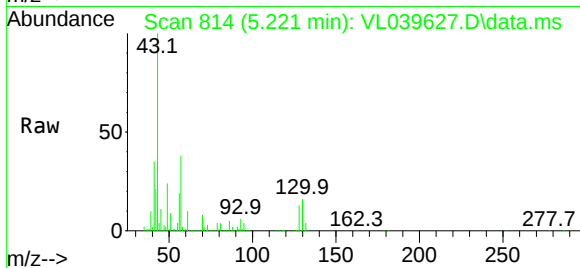


#25
Ethyl Acetate
Concen: 9.021 ppbv
RT: 5.221 min Scan# 815
Delta R.T. 0.004 min
Lab File: VL039627.D
Acq: 19 Sep 2022 9:04

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 43 Resp: 2591791

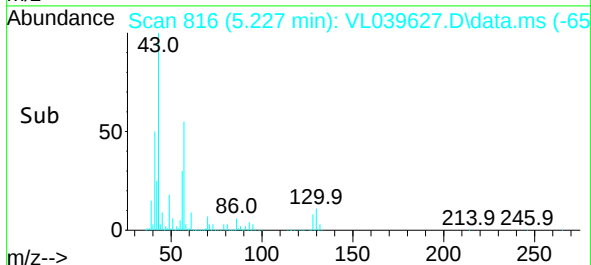
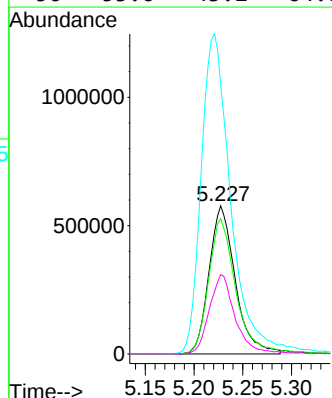
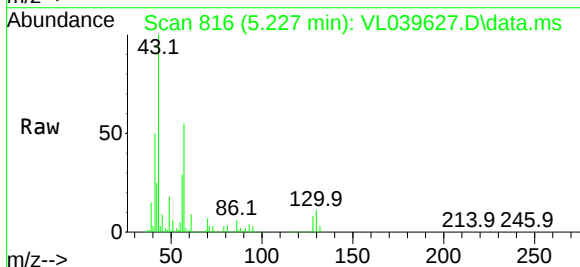
Ion	Ratio	Lower	Upper
43	100		
45	10.4	8.2	12.4
61	9.8	8.3	12.5
70	7.3	5.9	8.9

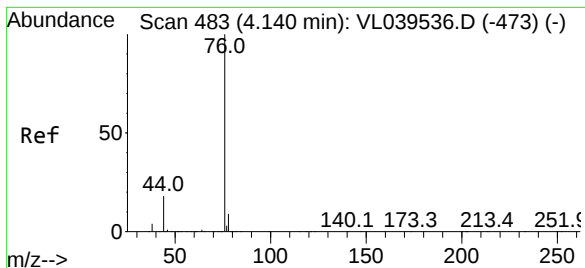


#26
Hexane
Concen: 8.845 ppbv
RT: 5.227 min Scan# 816
Delta R.T. 0.004 min
Lab File: VL039627.D
Acq: 19 Sep 2022 9:04

Tgt Ion: 57 Resp: 1078491

Ion	Ratio	Lower	Upper
57	100		
41	96.1	76.9	115.3
43	247.8	191.0	286.6
56	53.6	43.2	64.8



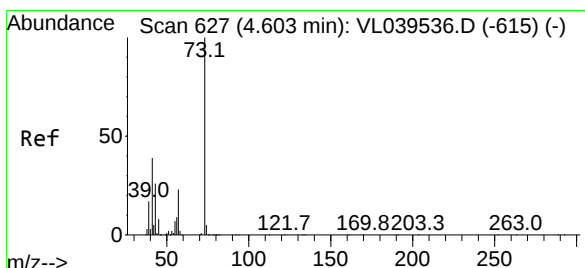
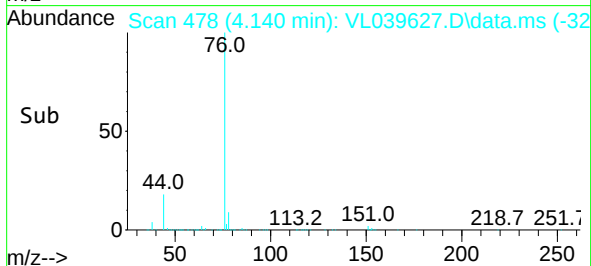
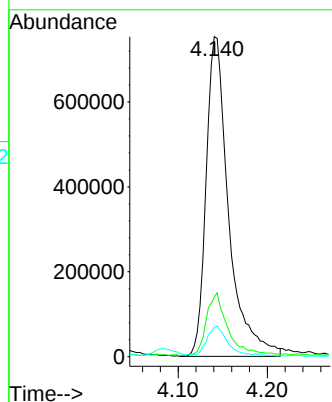
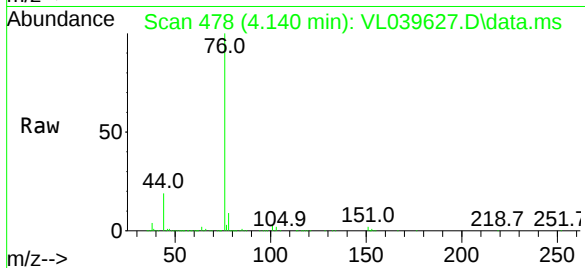


#27
Carbon Disulfide
Concen: 10.333 ppbv
RT: 4.140 min Scan# 41
Delta R.T. 0.001 min
Lab File: VL039627.D
Acq: 19 Sep 2022 9:04

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 76 Resp: 1324019

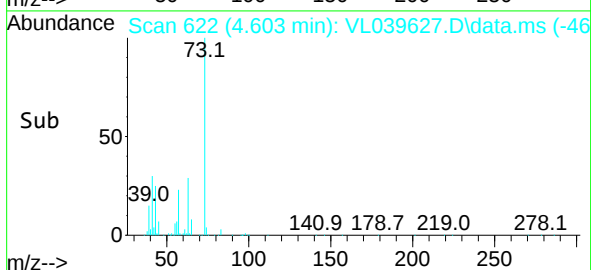
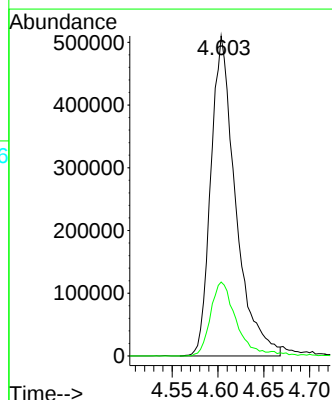
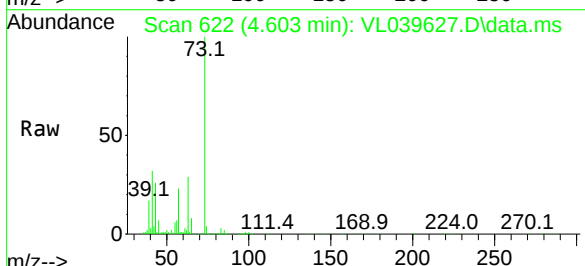
Ion	Ratio	Lower	Upper
76	100		
44	19.6	14.6	21.8
78	9.4	7.8	11.6

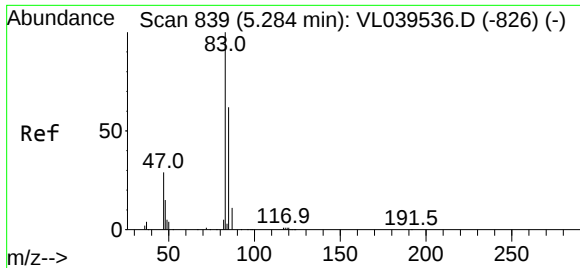


#28
Methyl tert-Butyl Ether
Concen: 9.359 ppbv
RT: 4.603 min Scan# 622
Delta R.T. 0.001 min
Lab File: VL039627.D
Acq: 19 Sep 2022 9:04

Tgt Ion: 73 Resp: 958694

Ion	Ratio	Lower	Upper
73	100		
57	24.5	19.8	29.8





#29

Chloroform

Concen: 9.046 ppbv

RT: 5.288 min Scan# 81

Delta R.T. 0.004 min

Lab File: VL039627.D

Acq: 19 Sep 2022 9:04

Instrument :

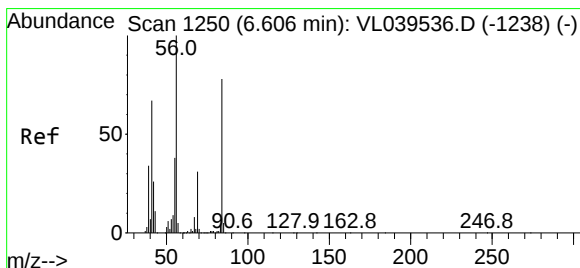
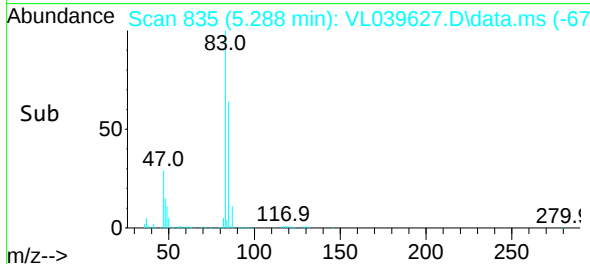
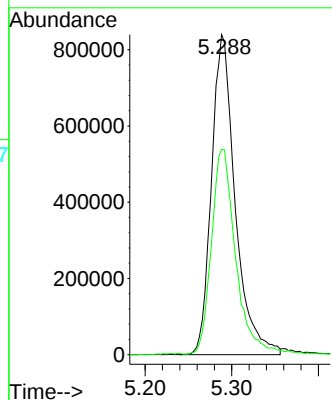
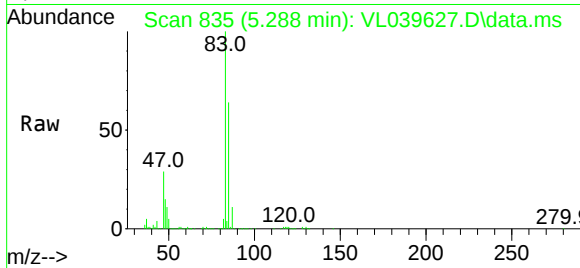
MSVOA_L

ClientSampleId :

VSTDICCC010

Tgt Ion: 83 Resp: 1592277

Ion	Ratio	Lower	Upper
83	100		
85	63.8	52.8	79.2



#30

Cyclohexane

Concen: 9.501 ppbv

RT: 6.613 min Scan# 1247

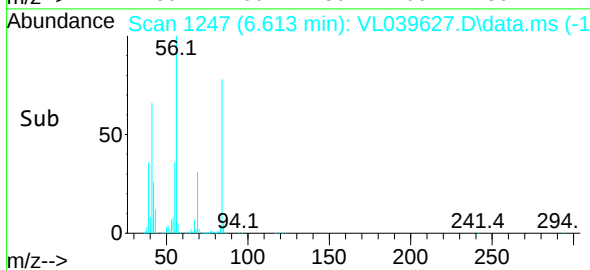
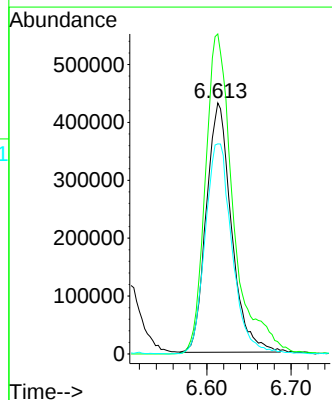
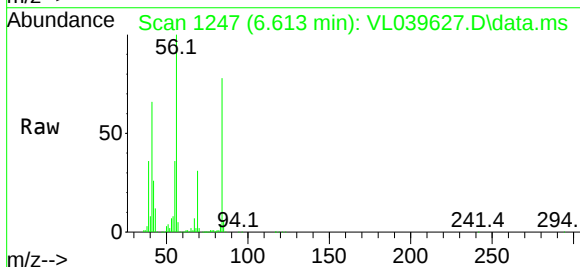
Delta R.T. 0.007 min

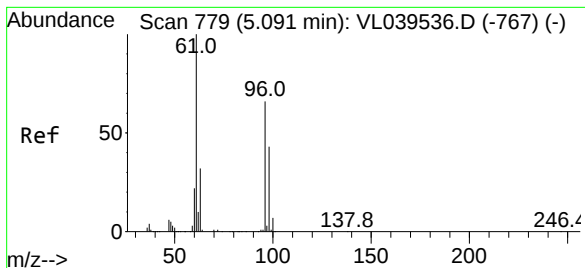
Lab File: VL039627.D

Acq: 19 Sep 2022 9:04

Tgt Ion: 84 Resp: 897087

Ion	Ratio	Lower	Upper
84	100		
56	142.9	107.7	161.5
41	90.7	67.7	101.5



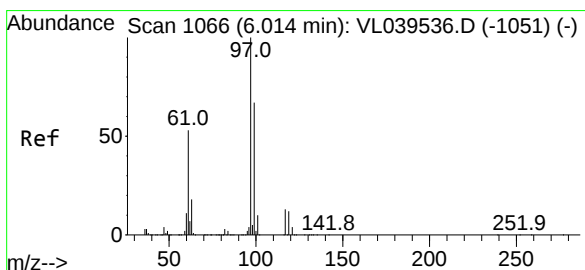
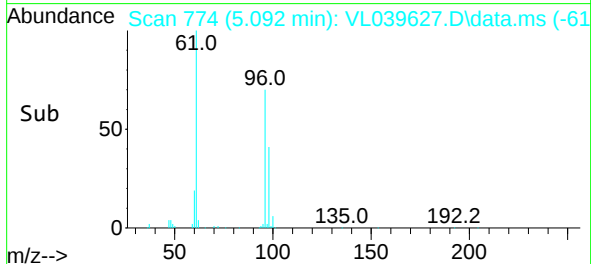
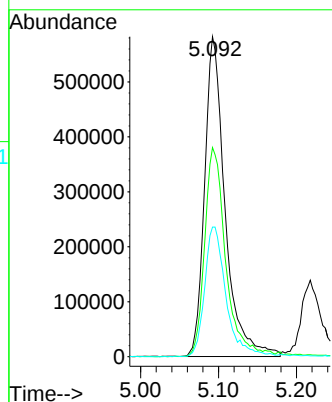
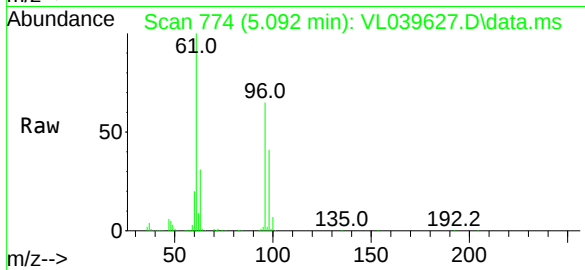


#31
 cis-1,2-Dichloroethene
 Concen: 9.625 ppbv
 RT: 5.092 min Scan# 71
 Delta R.T. 0.001 min
 Lab File: VL039627.D
 Acq: 19 Sep 2022 9:04

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010

Tgt Ion: 61 Resp: 1061385

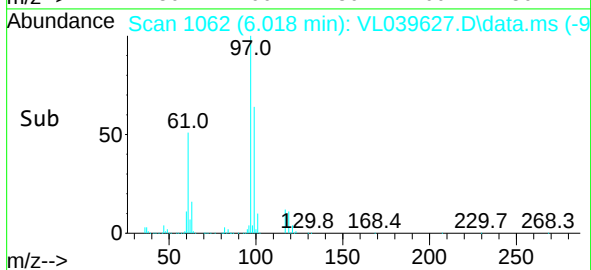
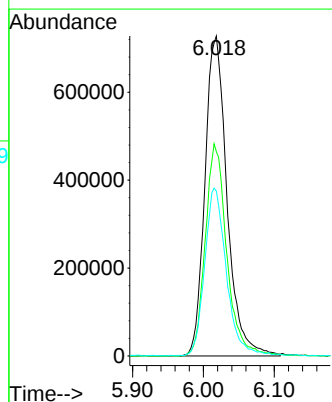
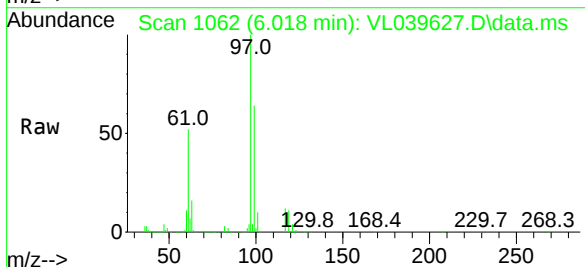
Ion	Ratio	Lower	Upper
61	100		
96	65.3	54.1	81.1
98	40.5	34.6	52.0

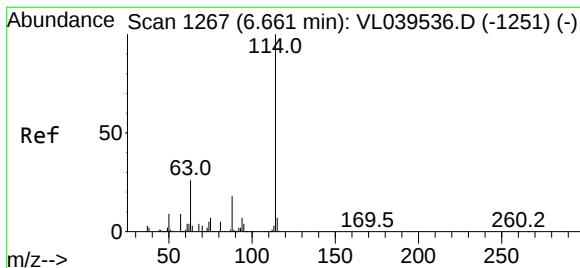


#32
 1,1,1-Trichloroethane
 Concen: 9.906 ppbv
 RT: 6.018 min Scan# 1062
 Delta R.T. 0.004 min
 Lab File: VL039627.D
 Acq: 19 Sep 2022 9:04

Tgt Ion: 97 Resp: 1578536

Ion	Ratio	Lower	Upper
97	100		
99	64.7	52.3	78.5
61	51.8	40.9	61.3





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.664 min Scan# 1263

Delta R.T. 0.004 min

Lab File: VL039627.D

Acq: 19 Sep 2022 9:04

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

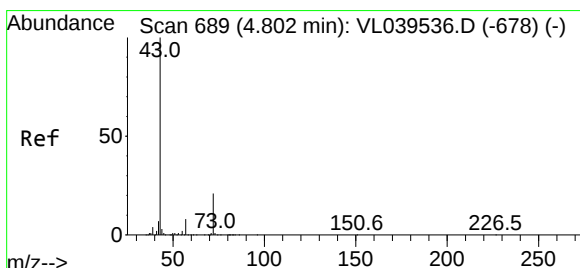
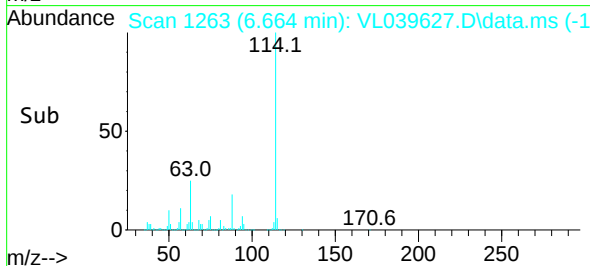
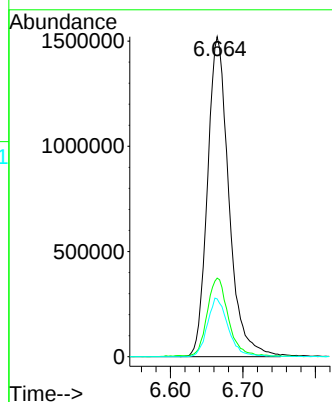
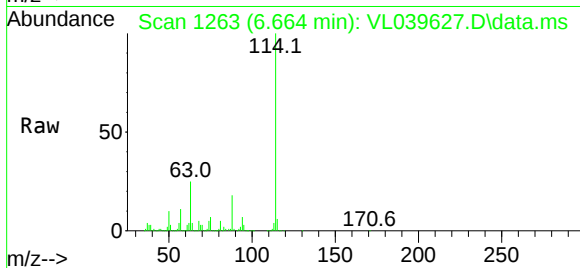
Tgt Ion:114 Resp: 3115798

Ion Ratio Lower Upper

114 100

63 24.9 20.2 30.4

88 17.9 14.5 21.7



#34

2-Butanone

Concen: 8.603 ppbv

RT: 4.803 min Scan# 684

Delta R.T. 0.001 min

Lab File: VL039627.D

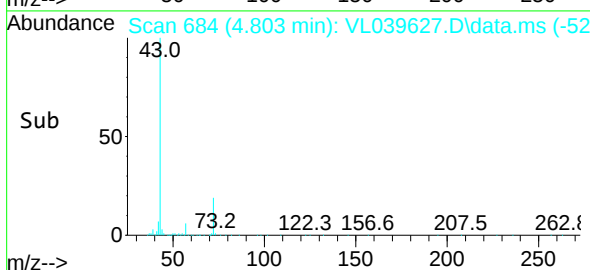
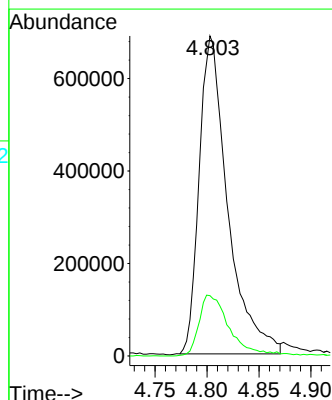
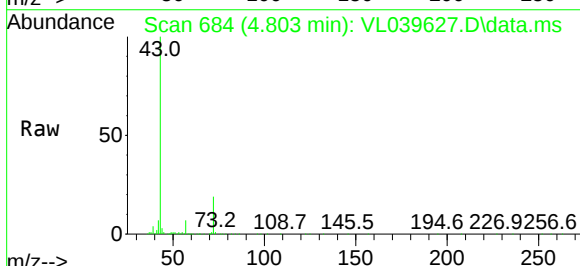
Acq: 19 Sep 2022 9:04

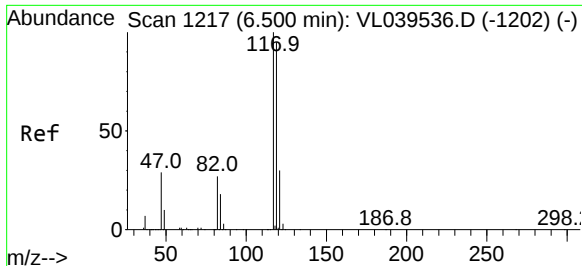
Tgt Ion: 43 Resp: 1316659

Ion Ratio Lower Upper

43 100

72 21.1 17.9 26.9



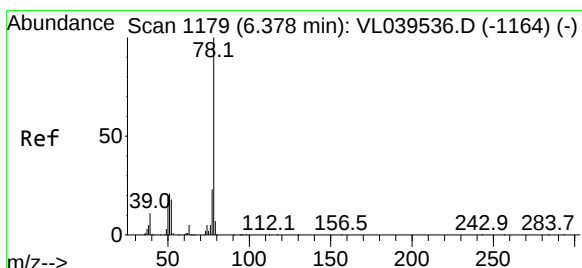
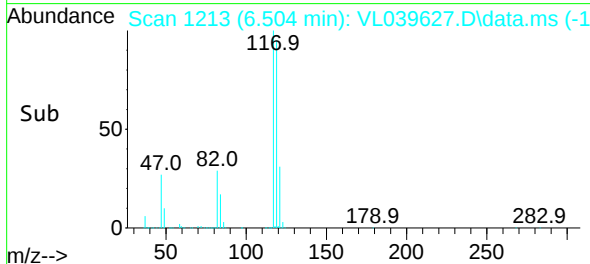
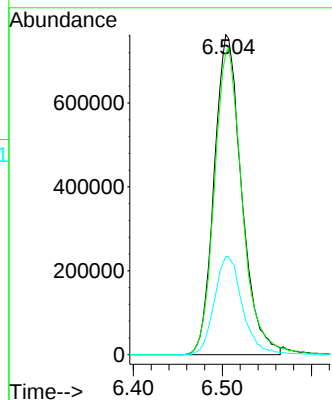
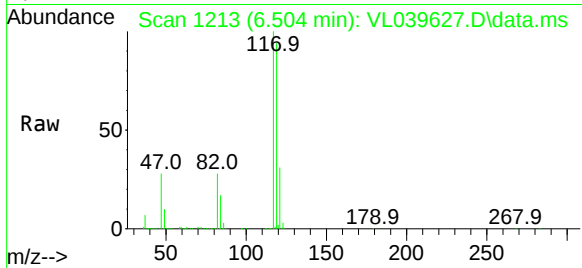


#35
Carbon Tetrachloride
Concen: 9.870 ppbv
RT: 6.504 min Scan# 1175
Delta R.T. 0.004 min
Lab File: VL039627.D
Acq: 19 Sep 2022 9:04

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion:117 Resp: 1632559

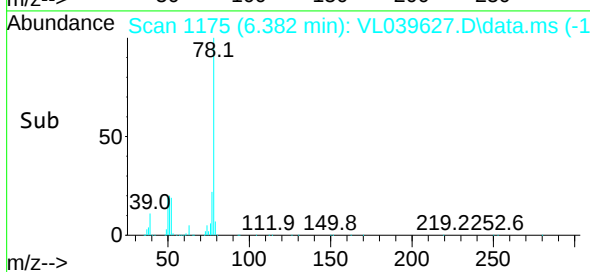
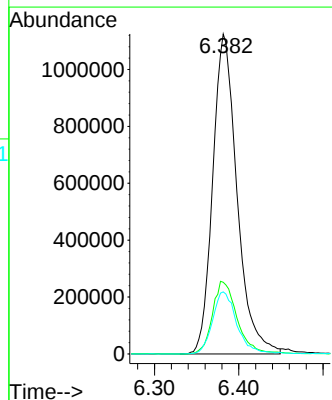
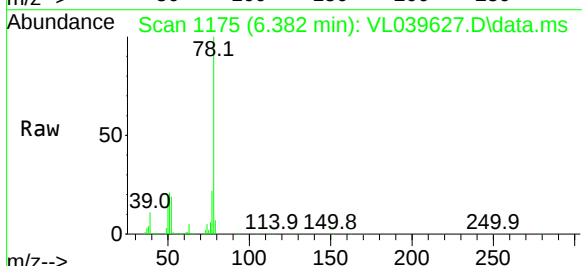
Ion	Ratio	Lower	Upper
117	100		
119	94.3	75.4	113.2
121	30.8	24.2	36.2

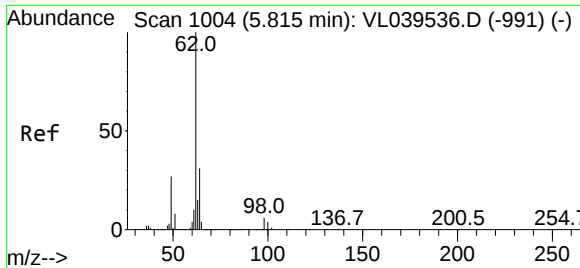


#36
Benzene
Concen: 9.456 ppbv
RT: 6.382 min Scan# 1175
Delta R.T. 0.004 min
Lab File: VL039627.D
Acq: 19 Sep 2022 9:04

Tgt Ion: 78 Resp: 2252442

Ion	Ratio	Lower	Upper
78	100		
77	22.4	20.3	30.5
50	19.4	15.5	23.3

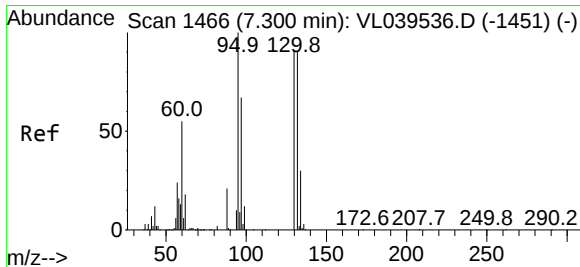
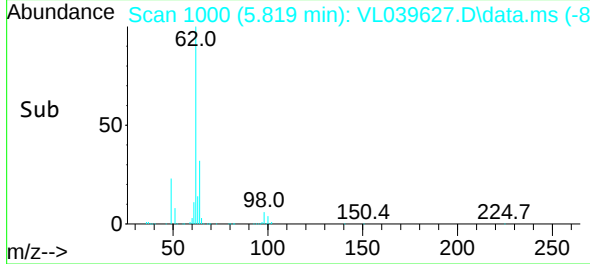
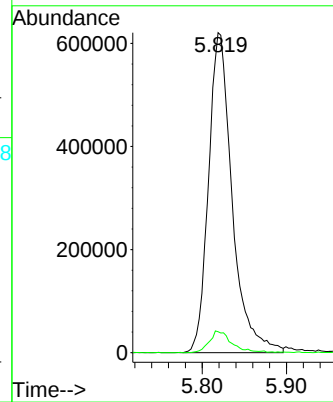
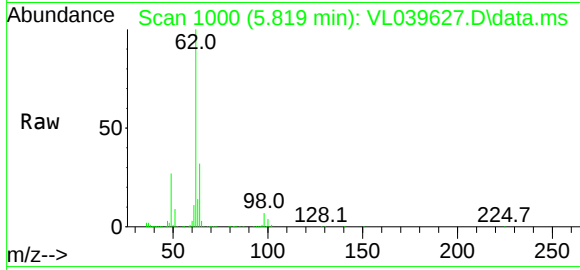




#37
1,2-Dichloroethane
Concen: 9.363 ppbv
RT: 5.819 min Scan# 1004
Delta R.T. 0.004 min
Lab File: VL039627.D
Acq: 19 Sep 2022 9:04

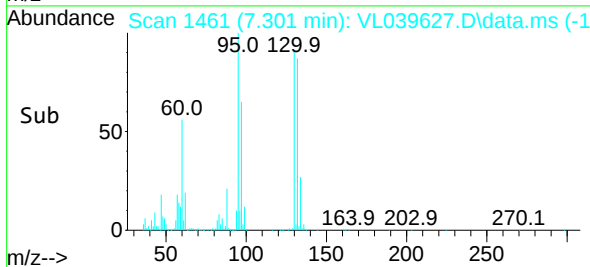
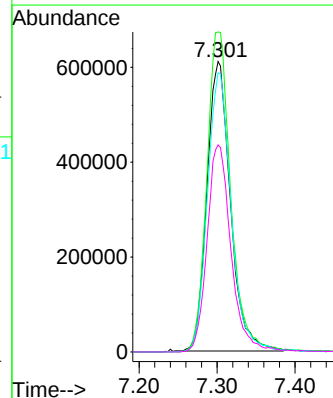
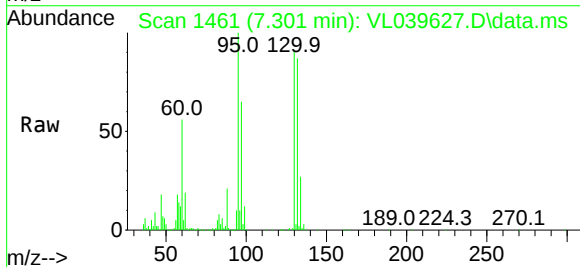
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

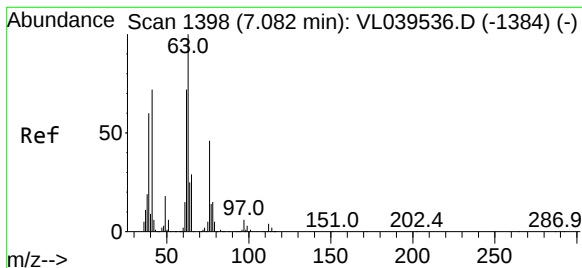
Tgt Ion: 62 Resp: 1213931
Ion Ratio Lower Upper
62 100
98 6.5 5.1 7.7



#38
Trichloroethene
Concen: 9.931 ppbv
RT: 7.301 min Scan# 1461
Delta R.T. 0.001 min
Lab File: VL039627.D
Acq: 19 Sep 2022 9:04

Tgt Ion:130 Resp: 1278573
Ion Ratio Lower Upper
130 100
95 110.4 87.3 130.9
132 96.3 76.7 115.1
97 71.4 56.5 84.7

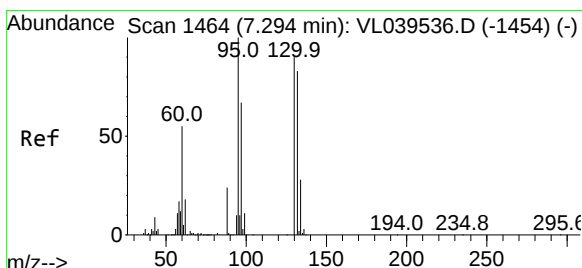
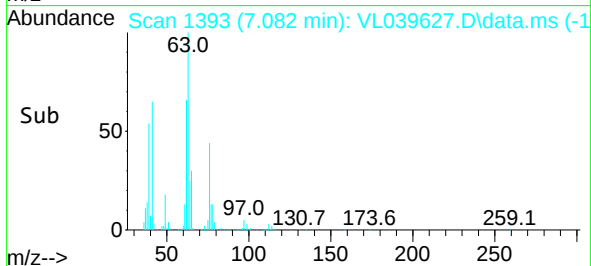
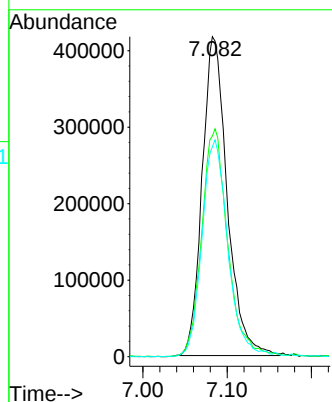
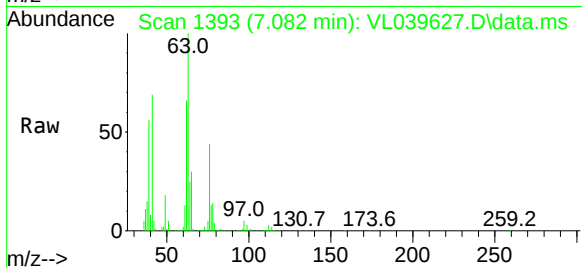




#39
1,2-Dichloropropane
Concen: 9.377 ppbv
RT: 7.082 min Scan# 11
Delta R.T. 0.001 min
Lab File: VL039627.D
Acq: 19 Sep 2022 9:04

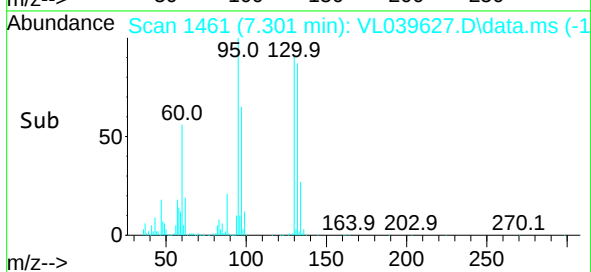
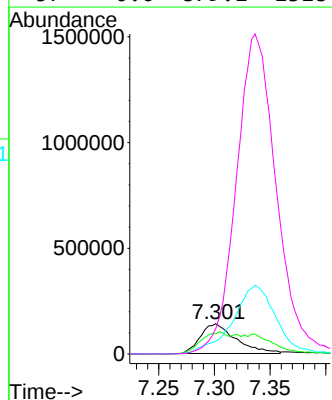
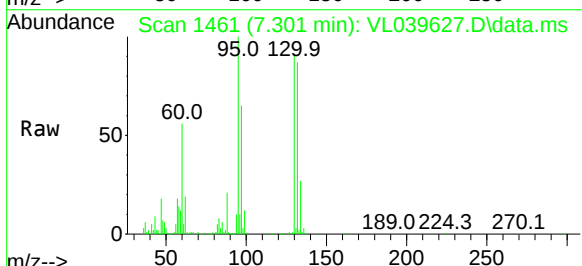
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

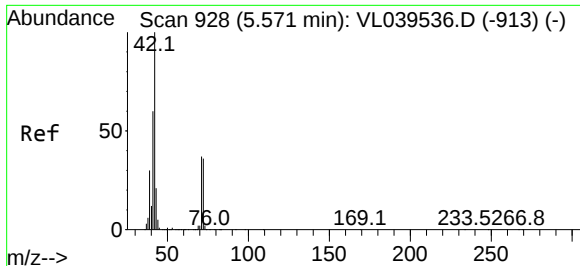
Tgt Ion: 63 Resp: 862523
Ion Ratio Lower Upper
63 100
41 68.5 59.6 89.4
62 65.3 51.4 77.0



#40
1,4-Dioxane
Concen: 8.282 ppbv
RT: 7.301 min Scan# 1461
Delta R.T. 0.007 min
Lab File: VL039627.D
Acq: 19 Sep 2022 9:04

Tgt Ion: 88 Resp: 311078
Ion Ratio Lower Upper
88 100
58 134.3 100.2 150.4
43 0.0 205.8 308.6#
57 0.0 879.1 1318.7#

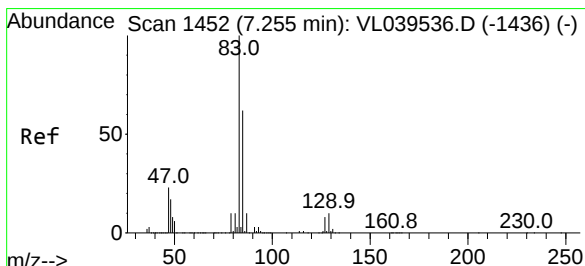
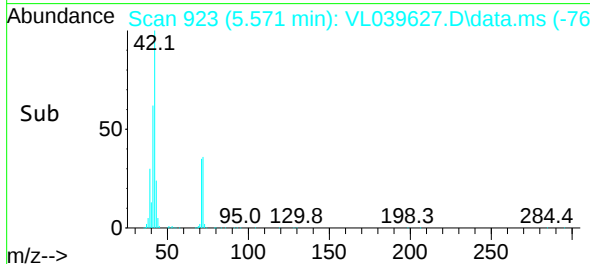
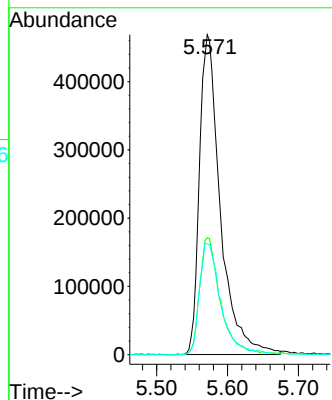
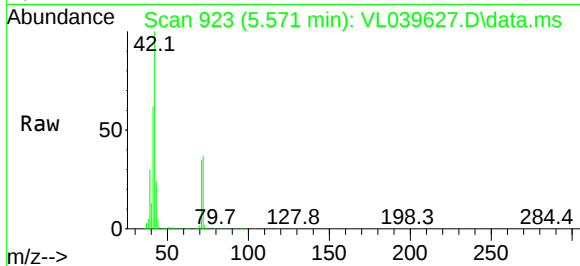




#41
Tetrahydrofuran
Concen: 10.212 ppbv
RT: 5.571 min Scan# 91
Delta R.T. 0.001 min
Lab File: VL039627.D
Acq: 19 Sep 2022 9:04

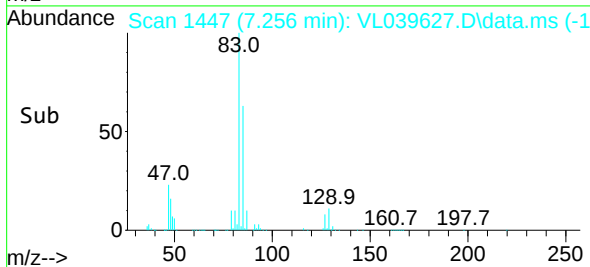
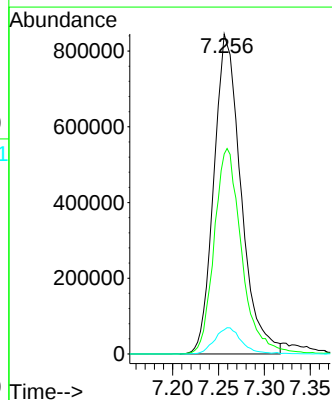
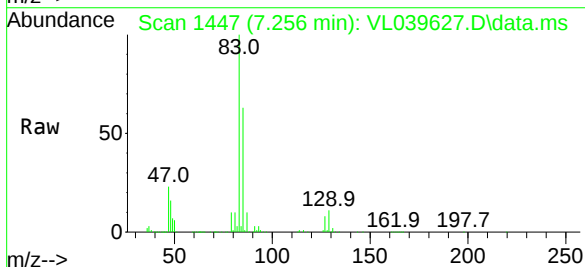
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

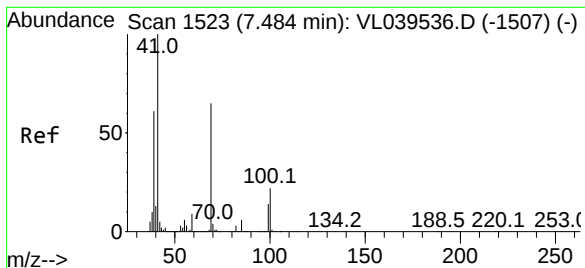
Tgt Ion: 42 Resp: 958817
Ion Ratio Lower Upper
42 100
72 36.6 31.8 47.8
71 36.3 31.8 47.8



#42
Bromodichloromethane
Concen: 9.615 ppbv
RT: 7.256 min Scan# 1447
Delta R.T. 0.001 min
Lab File: VL039627.D
Acq: 19 Sep 2022 9:04

Tgt Ion: 83 Resp: 1733917
Ion Ratio Lower Upper
83 100
85 62.5 50.7 76.1
127 7.6 6.6 9.8





#43

Methyl Methacrylate

Concen: 10.279 ppbv

RT: 7.488 min Scan# 1

Delta R.T. 0.004 min

Lab File: VL039627.D

Acq: 19 Sep 2022 9:04

Instrument :

MSVOA_1

ClientSampleId :

VSTDICCC010

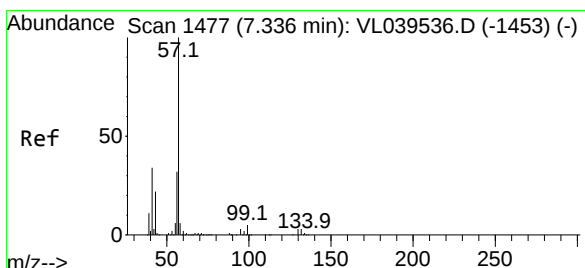
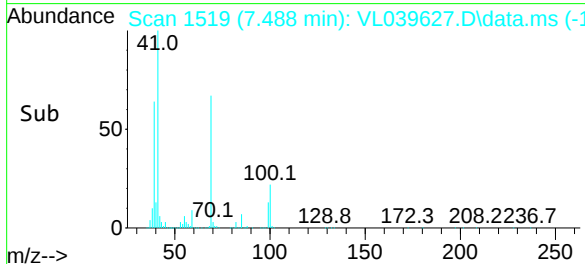
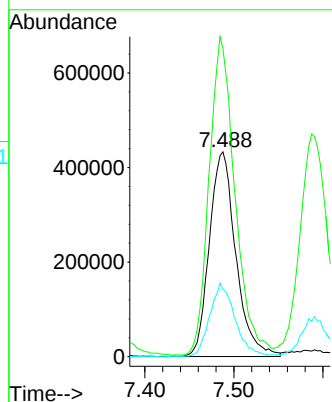
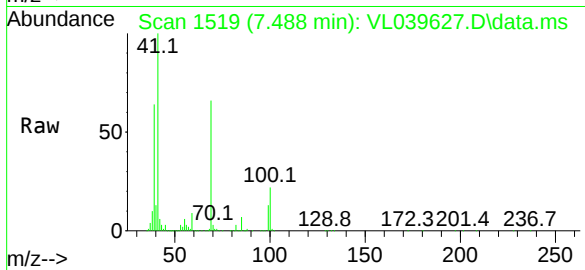
Tgt Ion: 69 Resp: 892618

Ion Ratio Lower Upper

69 100

41 154.4 120.8 181.2

100 34.3 27.8 41.6



#44

2,2,4-Trimethylpentane

Concen: 9.264 ppbv

RT: 7.336 min Scan# 1472

Delta R.T. 0.001 min

Lab File: VL039627.D

Acq: 19 Sep 2022 9:04

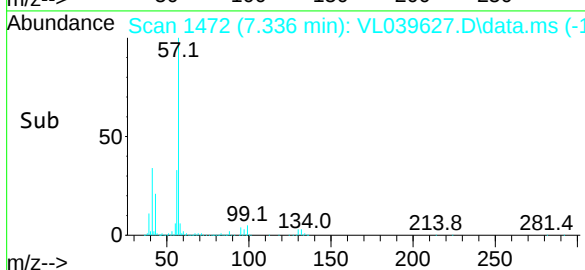
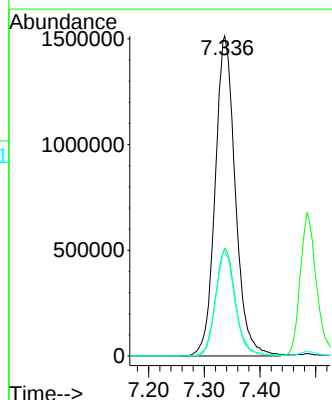
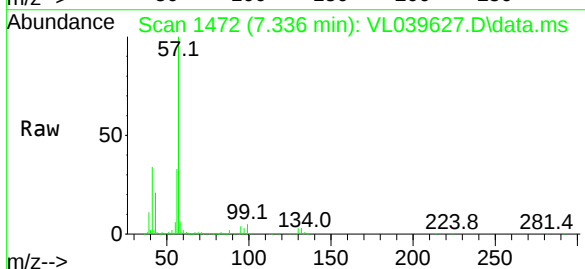
Tgt Ion: 57 Resp: 3803681

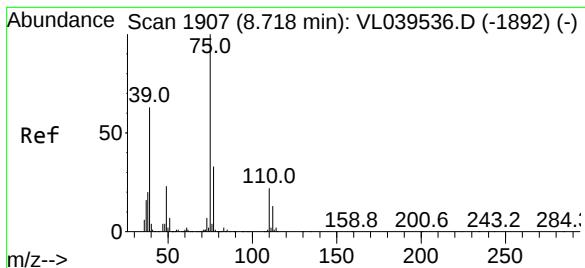
Ion Ratio Lower Upper

57 100

41 33.2 27.4 41.2

56 31.8 24.5 36.7

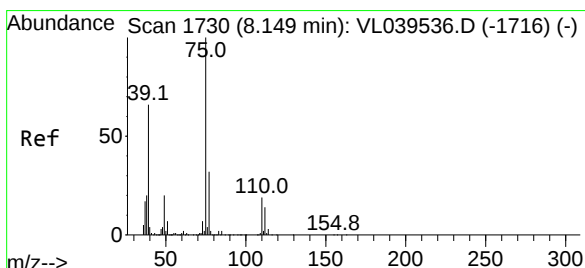
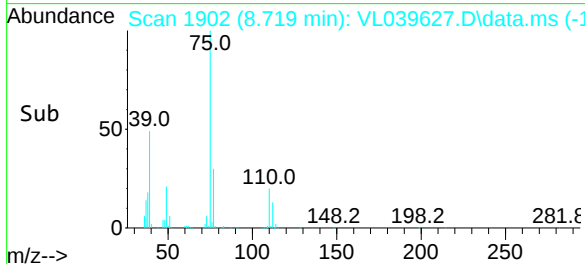
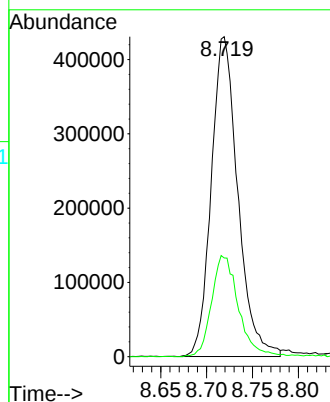
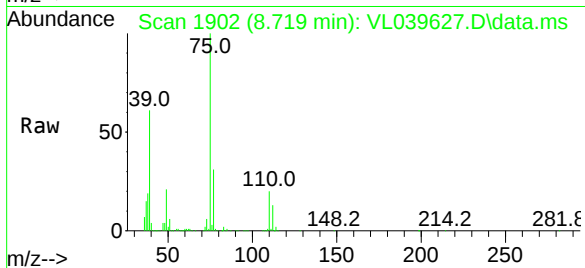




#45
 t-1,3-Dichloropropene
 Concen: 11.788 ppbv
 RT: 8.719 min Scan# 1907
 Delta R.T. 0.001 min
 Lab File: VL039627.D
 Acq: 19 Sep 2022 9:04

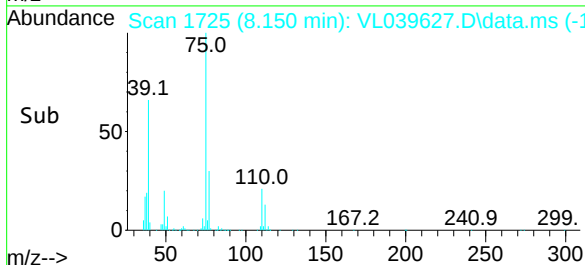
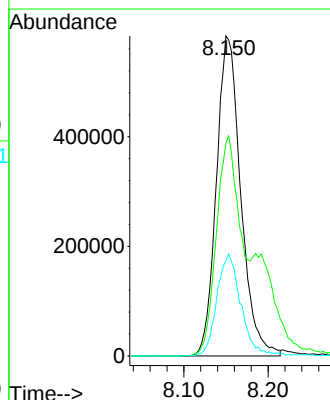
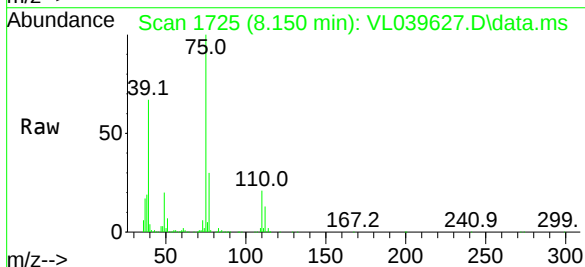
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010

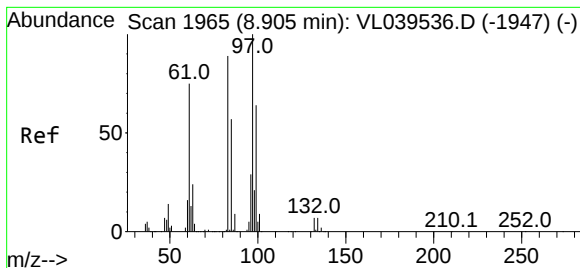
Tgt Ion: 75 Resp: 865012
 Ion Ratio Lower Upper
 75 100
 77 30.9 24.6 36.8



#46
 cis-1,3-Dichloropropene
 Concen: 11.206 ppbv
 RT: 8.150 min Scan# 1725
 Delta R.T. 0.001 min
 Lab File: VL039627.D
 Acq: 19 Sep 2022 9:04

Tgt Ion: 75 Resp: 1170581
 Ion Ratio Lower Upper
 75 100
 39 66.5 55.0 82.4
 77 29.8 25.7 38.5





#47

1,1,2-Trichloroethane

Concen: 9.207 ppbv

RT: 8.906 min Scan# 1965

Delta R.T. 0.001 min

Lab File: VL039627.D

Acq: 19 Sep 2022 9:04

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tgt Ion: 97 Resp: 925690

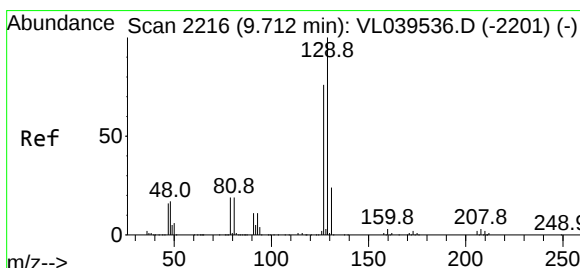
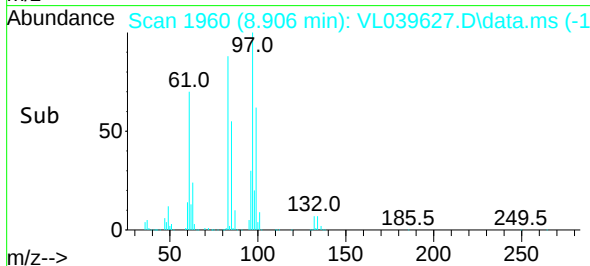
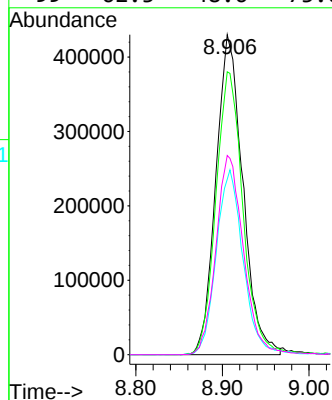
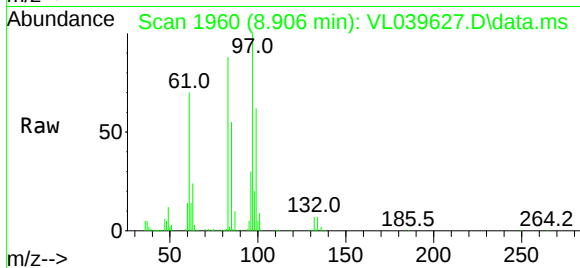
Ion Ratio Lower Upper

97 100

83 88.3 67.4 101.0

85 54.8 45.1 67.7

99 62.3 48.6 73.0



#48

Dibromochloromethane

Concen: 10.330 ppbv

RT: 9.716 min Scan# 2212

Delta R.T. 0.004 min

Lab File: VL039627.D

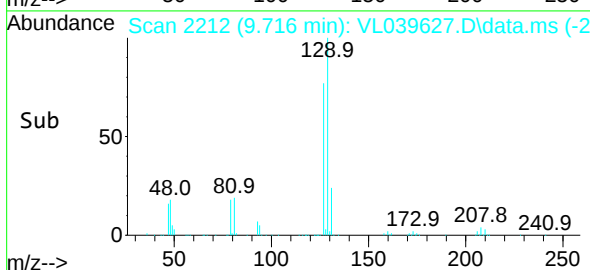
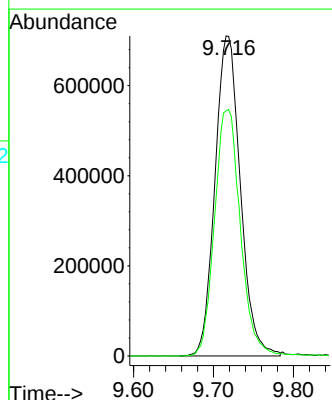
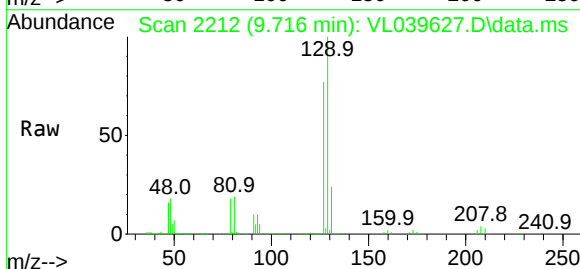
Acq: 19 Sep 2022 9:04

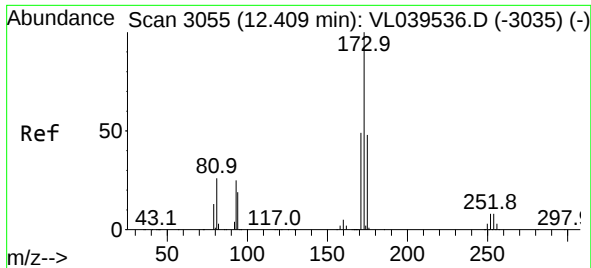
Tgt Ion: 129 Resp: 1564053

Ion Ratio Lower Upper

129 100

127 78.6 39.3 117.9

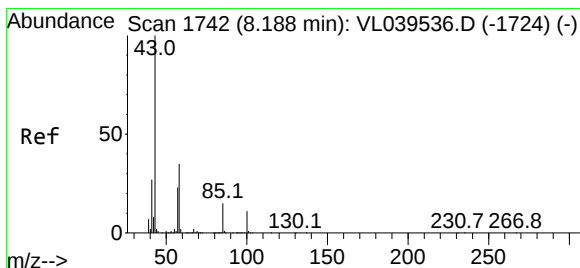
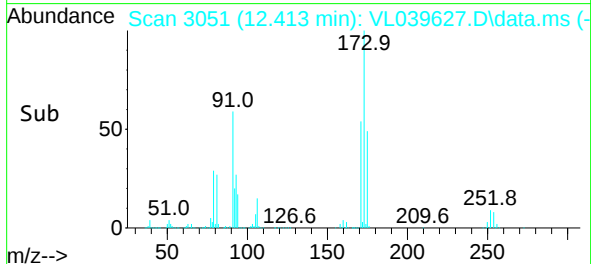
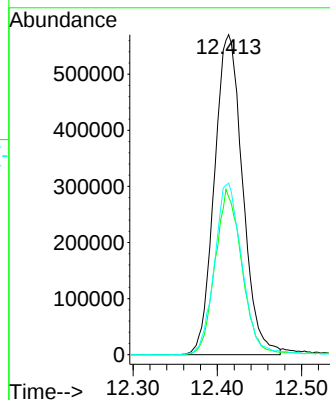
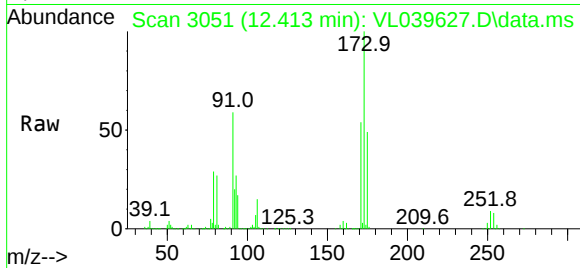




#49
Bromoform
Concen: 10.570 ppbv
RT: 12.413 min Scan# 3055
Delta R.T. 0.004 min
Lab File: VL039627.D
Acq: 19 Sep 2022 9:04

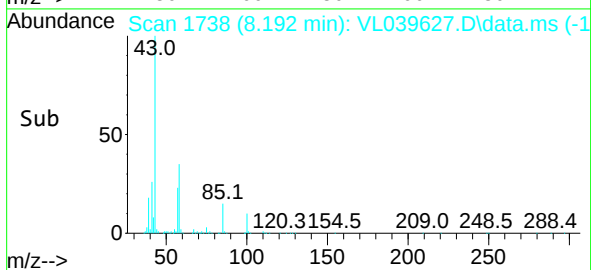
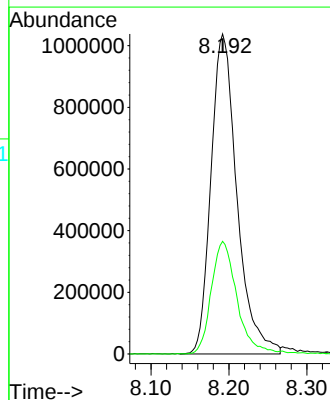
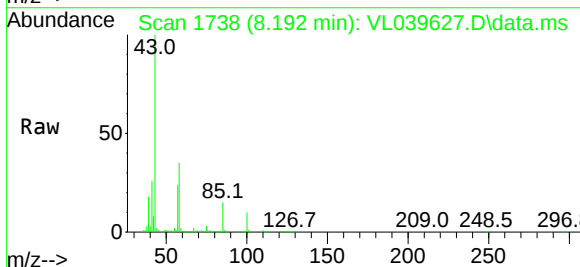
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

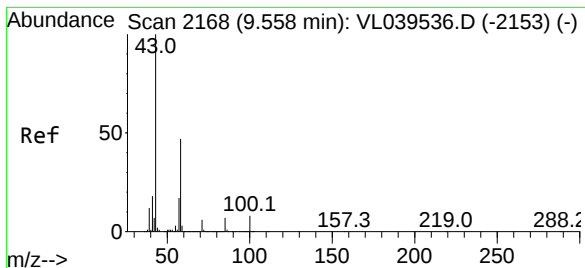
Tgt Ion:173 Resp: 1323671
Ion Ratio Lower Upper
173 100
175 49.3 40.3 60.5
171 53.1 42.9 64.3



#50
4-Methyl-2-Pentanone
Concen: 9.991 ppbv
RT: 8.192 min Scan# 1738
Delta R.T. 0.004 min
Lab File: VL039627.D
Acq: 19 Sep 2022 9:04

Tgt Ion: 43 Resp: 2402713
Ion Ratio Lower Upper
43 100
58 35.2 28.8 43.2

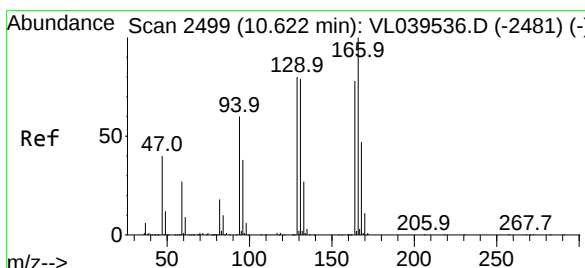
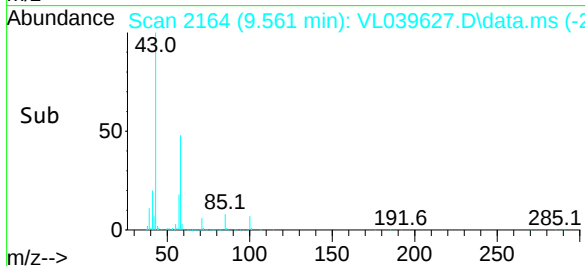
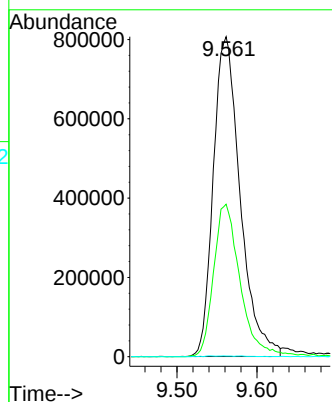
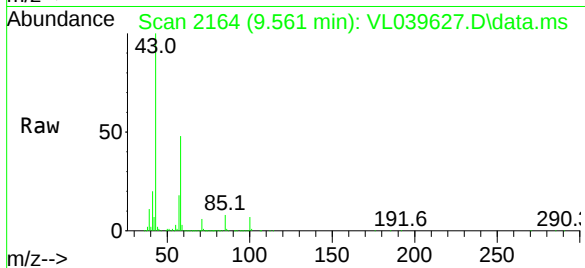




#51
2-Hexanone
Concen: 10.576 ppbv
RT: 9.561 min Scan# 2168
Delta R.T. 0.004 min
Lab File: VL039627.D
Acq: 19 Sep 2022 9:04

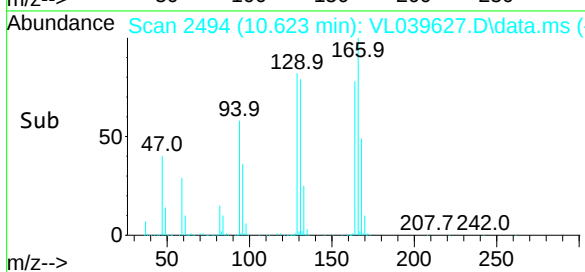
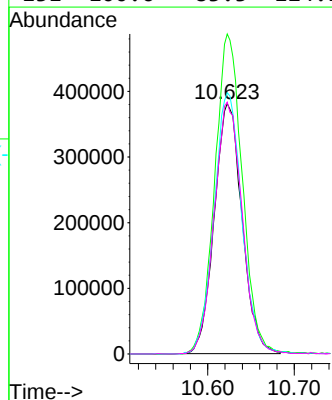
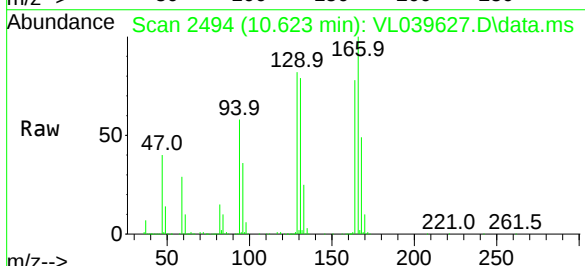
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

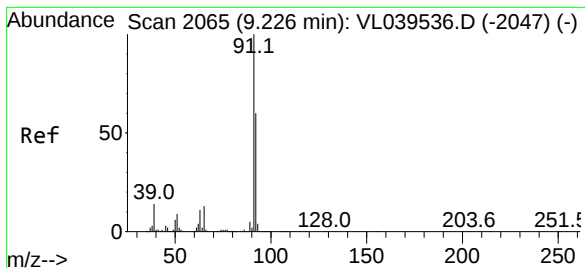
Tgt Ion: 43 Resp: 1882765
Ion Ratio Lower Upper
43 100
58 47.5 38.4 57.6
98 0.3 0.3 0.5



#52
Tetrachloroethene
Concen: 9.280 ppbv
RT: 10.623 min Scan# 2494
Delta R.T. 0.001 min
Lab File: VL039627.D
Acq: 19 Sep 2022 9:04

Tgt Ion: 164 Resp: 843377
Ion Ratio Lower Upper
164 100
166 127.8 102.2 153.2
129 104.5 85.8 128.8
131 100.6 83.3 124.9





#53

Toluene

Concen: 10.109 ppbv

RT: 9.227 min Scan# 2065

Delta R.T. 0.001 min

Lab File: VL039627.D

Acq: 19 Sep 2022 9:04

Instrument :

MSVOA_L

ClientSampleId :

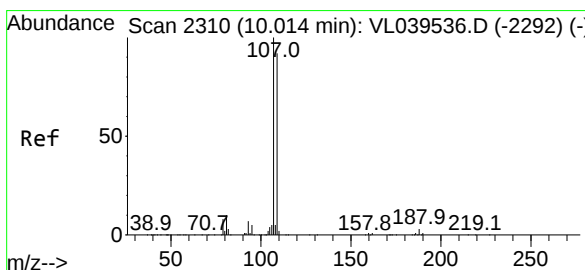
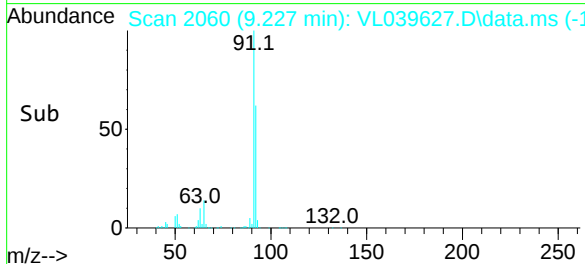
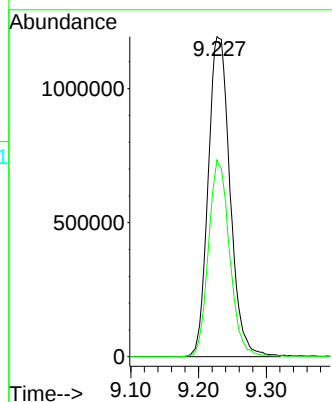
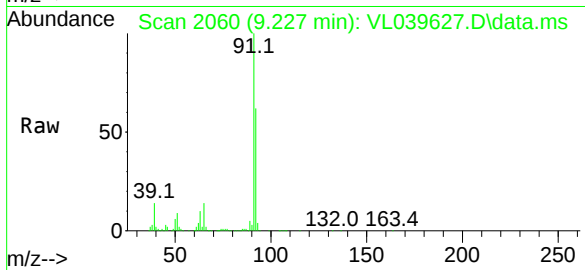
VSTDICCC010

Tgt Ion: 91 Resp: 2678403

Ion Ratio Lower Upper

91 100

92 59.5 48.2 72.2



#54

1,2-Dibromoethane

Concen: 10.179 ppbv

RT: 10.015 min Scan# 2305

Delta R.T. 0.001 min

Lab File: VL039627.D

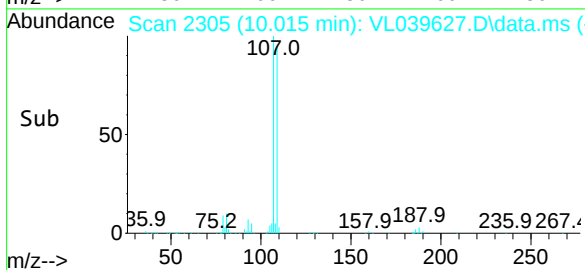
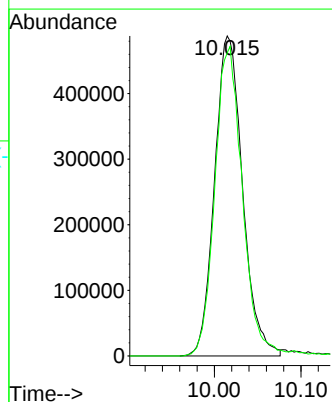
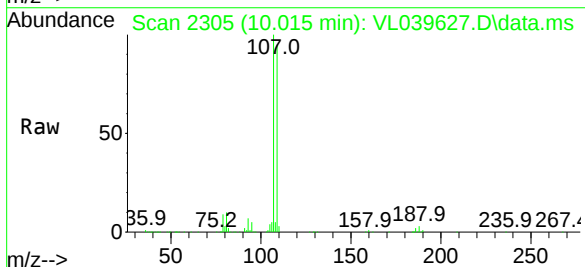
Acq: 19 Sep 2022 9:04

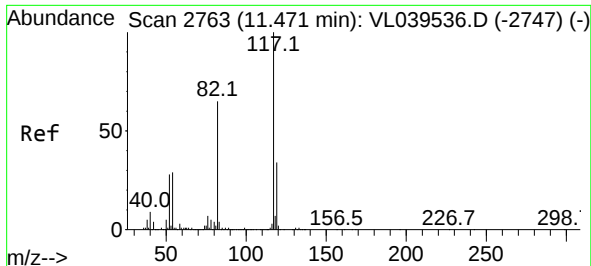
Tgt Ion: 107 Resp: 1094906

Ion Ratio Lower Upper

107 100

109 94.7 74.8 112.2





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.475 min Scan# 21

Delta R.T. 0.004 min

Lab File: VL039627.D

Acq: 19 Sep 2022 9:04

Instrument :

MSVOA_1

ClientSampleId :

VSTDICCC010

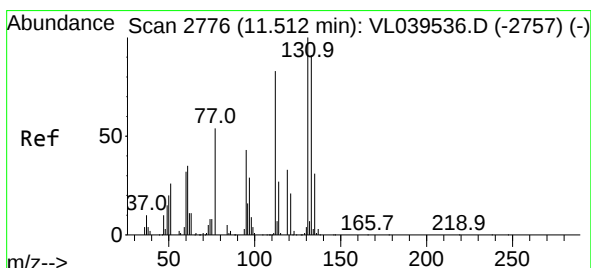
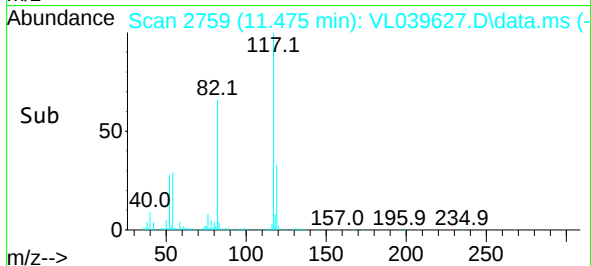
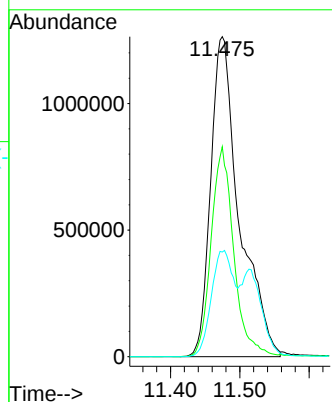
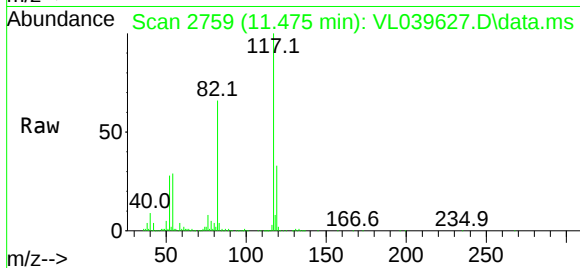
Tgt Ion:117 Resp: 3626780

Ion Ratio Lower Upper

117 100

82 52.2 50.8 76.2

119 26.4 24.1 36.1



#56

1,1,1,2-Tetrachloroethane

Concen: 7.672 ppbv

RT: 11.516 min Scan# 2772

Delta R.T. 0.004 min

Lab File: VL039627.D

Acq: 19 Sep 2022 9:04

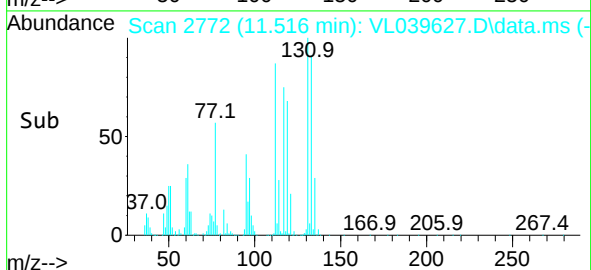
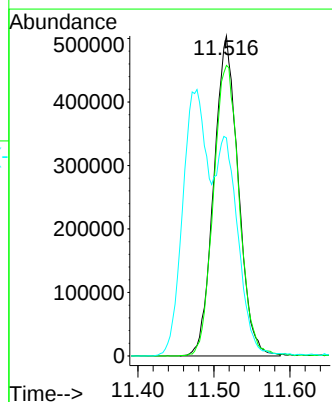
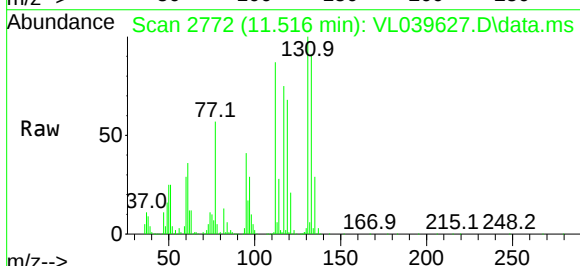
Tgt Ion:131 Resp: 1124407

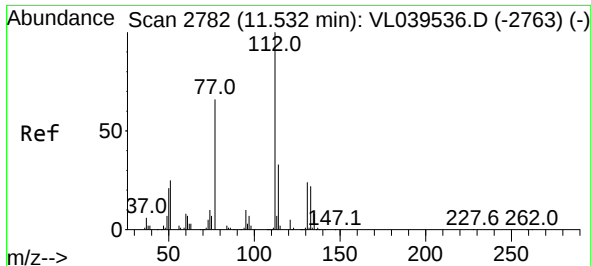
Ion Ratio Lower Upper

131 100

133 96.2 76.8 115.2

119 64.1 46.2 69.4

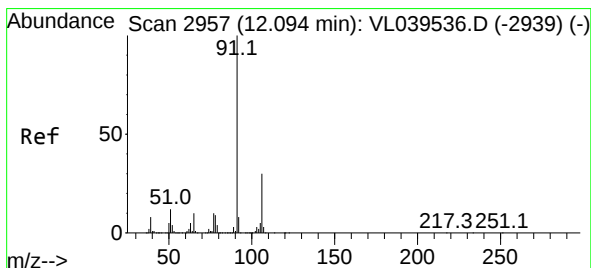
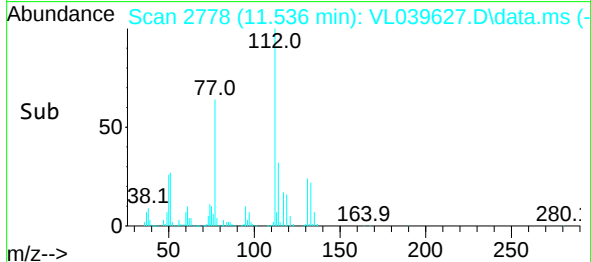
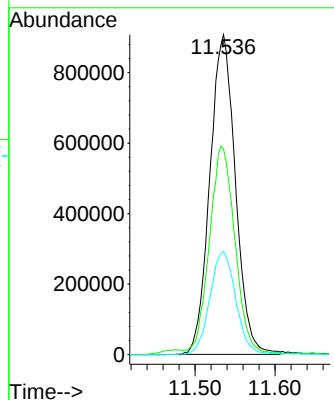
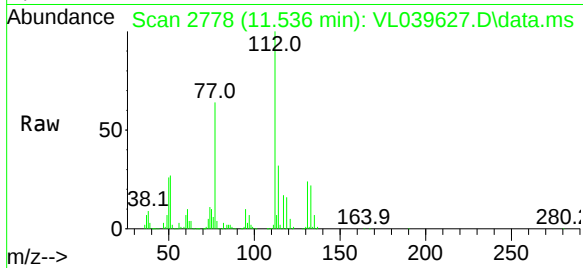




#57
Chlorobenzene
Concen: 7.545 ppbv
RT: 11.536 min Scan# 21
Delta R.T. 0.004 min
Lab File: VL039627.D
Acq: 19 Sep 2022 9:04

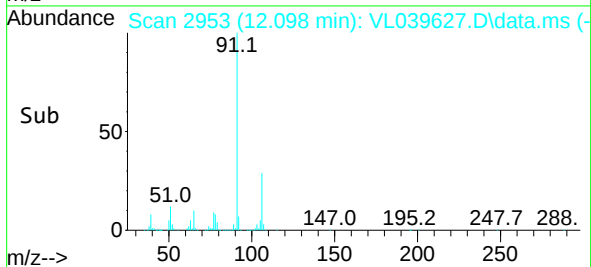
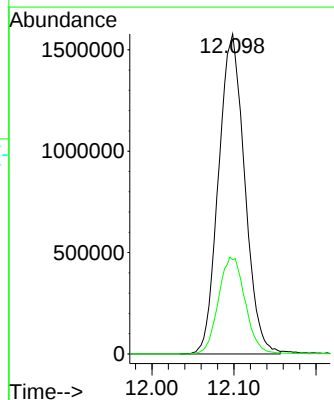
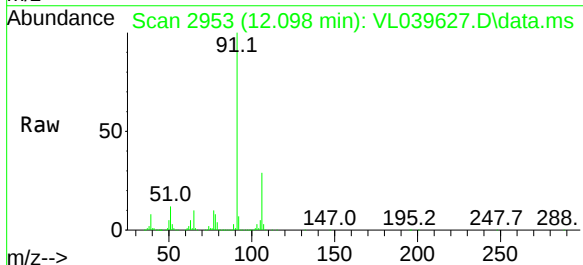
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

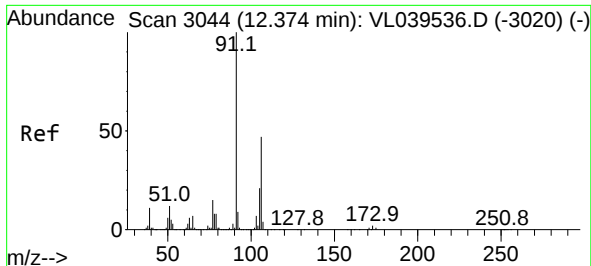
Tgt Ion:112 Resp: 2012125
Ion Ratio Lower Upper
112 100
77 63.6 51.0 76.4
114 32.0 27.5 33.6



#58
Ethyl Benzene
Concen: 8.352 ppbv
RT: 12.098 min Scan# 2953
Delta R.T. 0.004 min
Lab File: VL039627.D
Acq: 19 Sep 2022 9:04

Tgt Ion: 91 Resp: 3492719
Ion Ratio Lower Upper
91 100
106 29.4 25.4 38.0





#59

m/p-Xylene

Concen: 7.909 ppbv

RT: 12.381 min Scan# 3044

Delta R.T. 0.007 min

Lab File: VL039627.D

Acq: 19 Sep 2022 9:04

Instrument :

MSVOA_L

ClientSampleId :

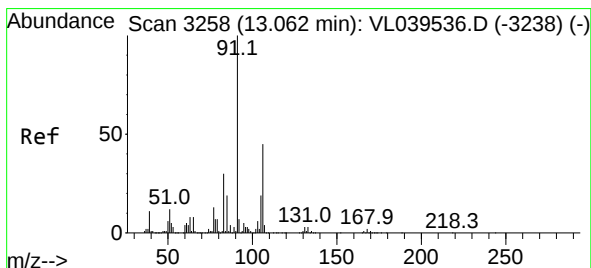
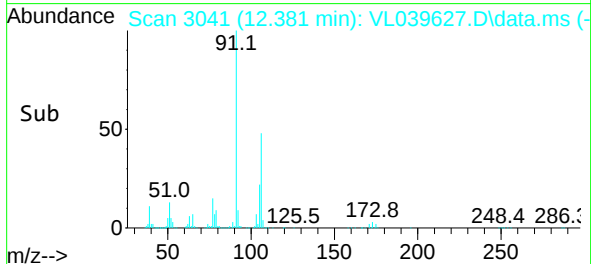
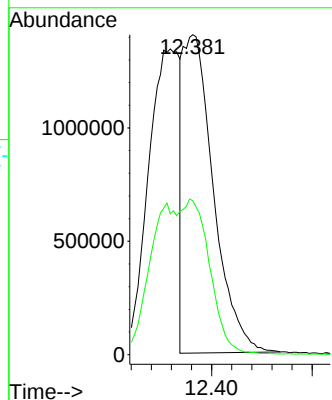
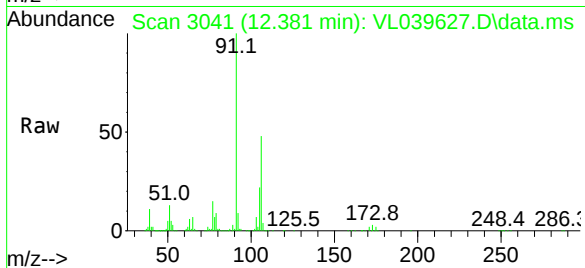
VSTDICCC010

Tgt Ion: 91 Resp: 2943326

Ion Ratio Lower Upper

91 100

106 90.5 35.4 53.2#



#60

o-Xylene

Concen: 7.975 ppbv

RT: 13.069 min Scan# 3255

Delta R.T. 0.007 min

Lab File: VL039627.D

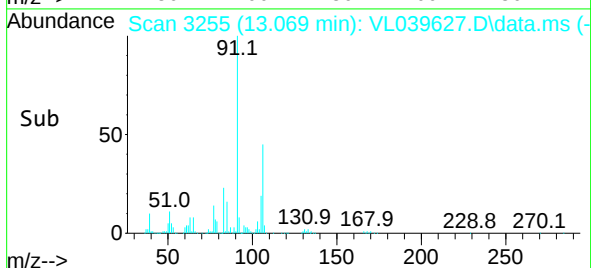
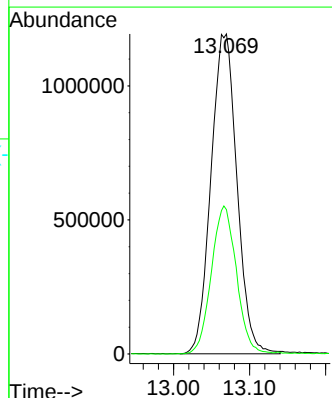
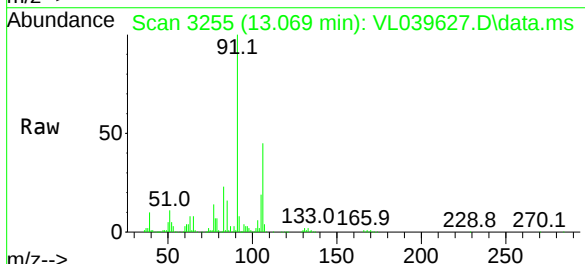
Acq: 19 Sep 2022 9:04

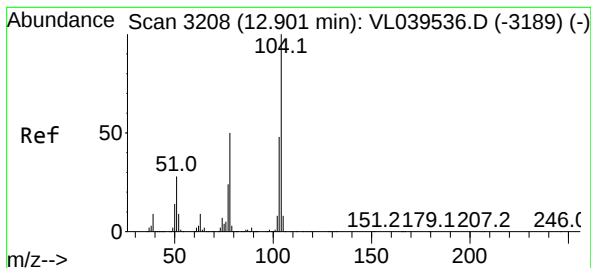
Tgt Ion: 91 Resp: 2833970

Ion Ratio Lower Upper

91 100

106 45.1 22.4 67.3





#61

Styrene

Concen: 8.980 ppbv

RT: 12.905 min Scan# 31

Delta R.T. 0.004 min

Lab File: VL039627.D

Acq: 19 Sep 2022 9:04

Instrument :

MSVOA_1

ClientSampleId :

VSTDICCC010

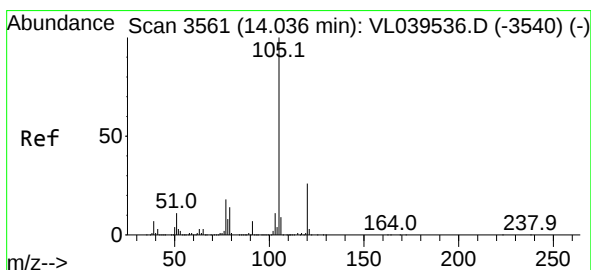
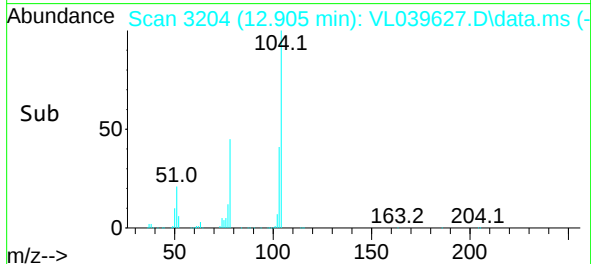
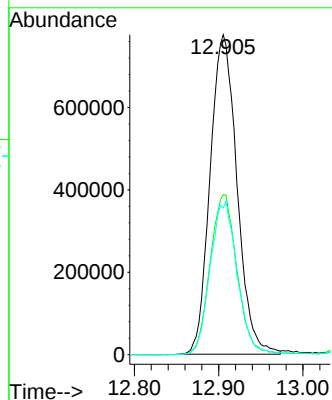
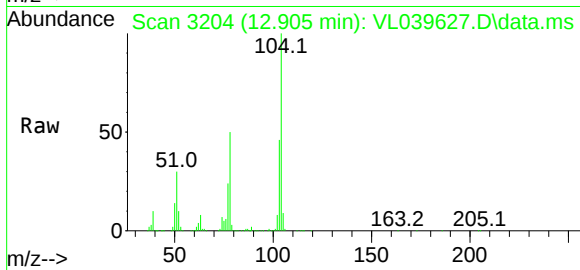
Tgt Ion:104 Resp: 1718664

Ion Ratio Lower Upper

104 100

78 50.7 41.2 61.8

103 48.4 38.7 58.1



#62

Isopropylbenzene

Concen: 7.706 ppbv

RT: 14.037 min Scan# 3556

Delta R.T. 0.001 min

Lab File: VL039627.D

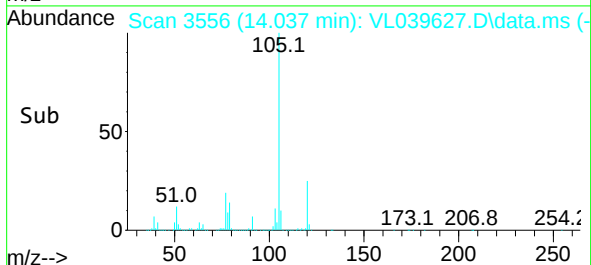
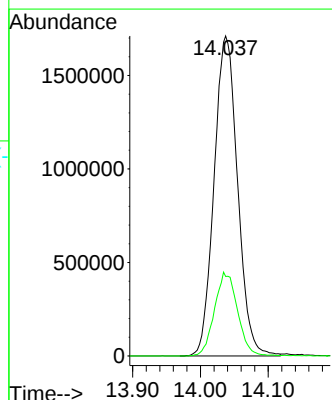
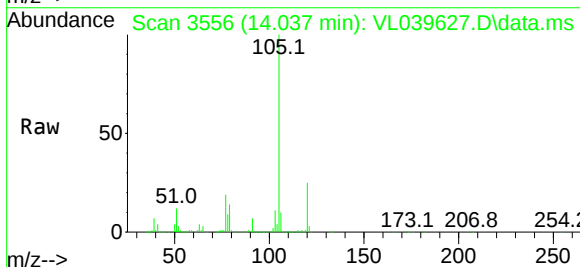
Acq: 19 Sep 2022 9:04

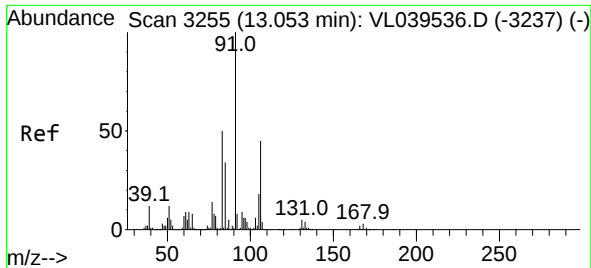
Tgt Ion:105 Resp: 4120955

Ion Ratio Lower Upper

105 100

120 25.7 20.7 31.1

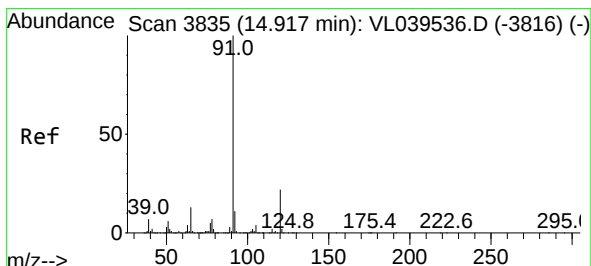
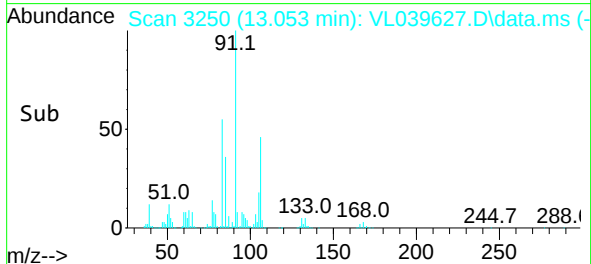
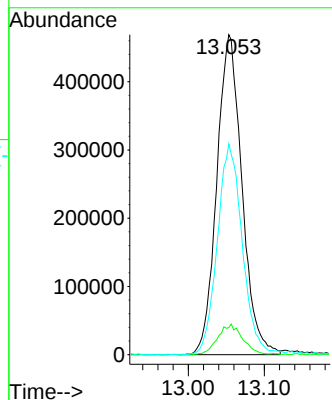
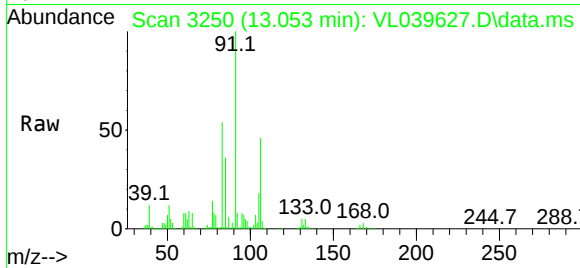




#63
1,1,2-Tetrachloroethane
Concen: 7.596 ppbv
RT: 13.053 min Scan# 31
Delta R.T. 0.001 min
Lab File: VL039627.D
Acq: 19 Sep 2022 9:04

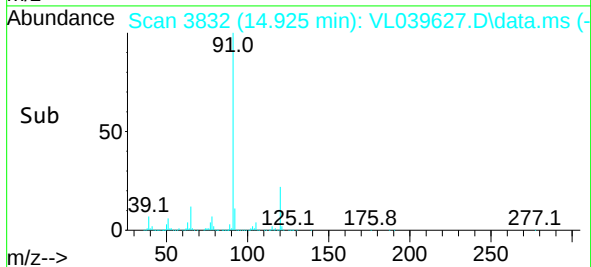
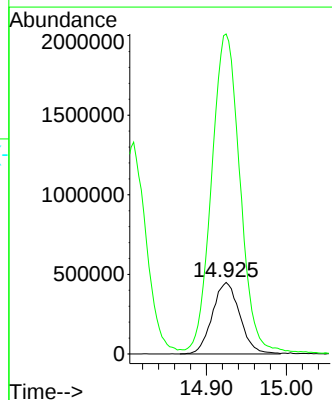
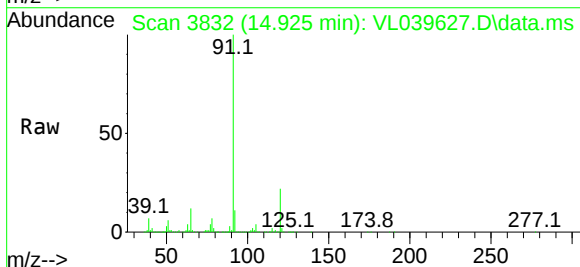
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

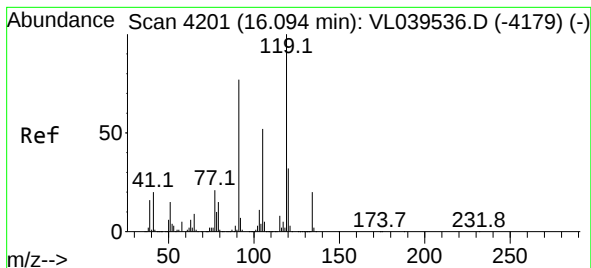
Tgt Ion: 83 Resp: 1076744
Ion Ratio Lower Upper
83 100
131 9.6 5.3 15.8
85 66.2 33.1 99.5



#64
n-propylbenzene
Concen: 7.789 ppbv
RT: 14.925 min Scan# 3832
Delta R.T. 0.007 min
Lab File: VL039627.D
Acq: 19 Sep 2022 9:04

Tgt Ion: 120 Resp: 1066606
Ion Ratio Lower Upper
120 100
91 471.4 367.2 550.8





#65

tert-Butylbenzene

Concen: 7.662 ppbv

RT: 16.098 min Scan# 4197

Delta R.T. 0.004 min

Lab File: VL039627.D

Acq: 19 Sep 2022 9:04

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

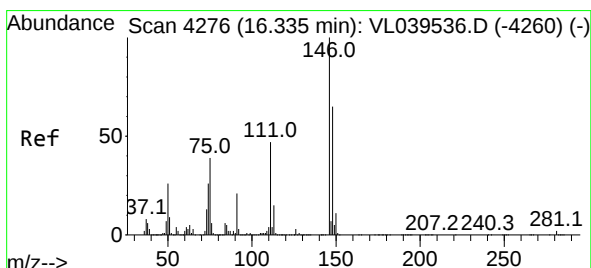
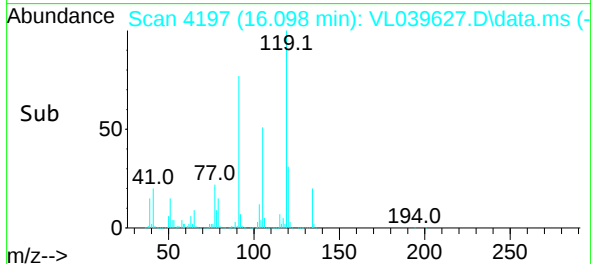
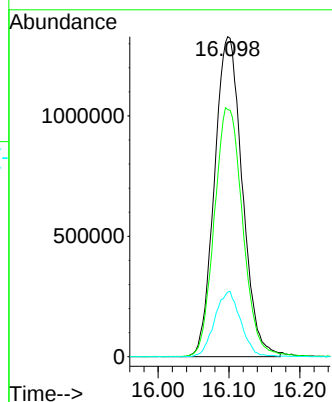
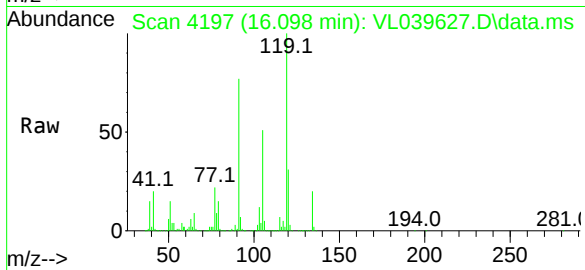
Tgt Ion:119 Resp: 3619797

Ion Ratio Lower Upper

119 100

91 79.4 63.4 95.2

134 19.2 15.9 23.9



#66

Benzyl Chloride

Concen: 4.552 ppbv

RT: 16.330 min Scan# 4269

Delta R.T. -0.006 min

Lab File: VL039627.D

Acq: 19 Sep 2022 9:04

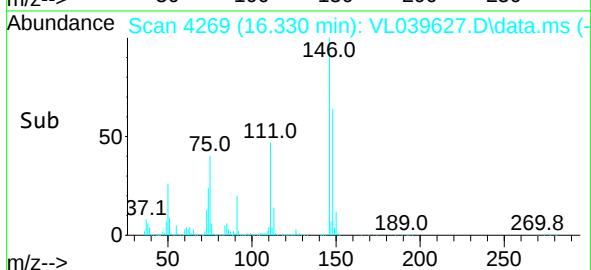
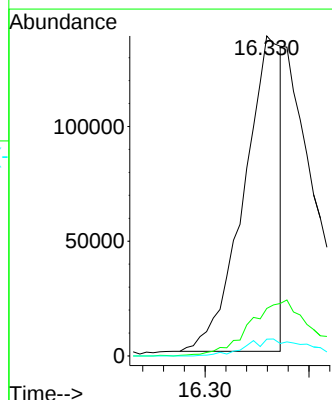
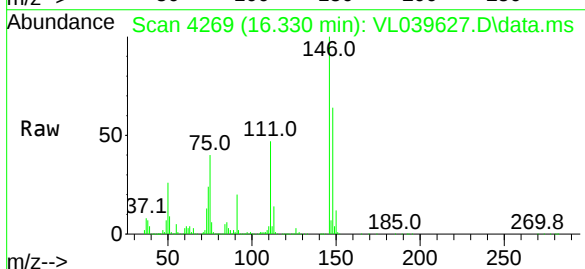
Tgt Ion: 91 Resp: 171226

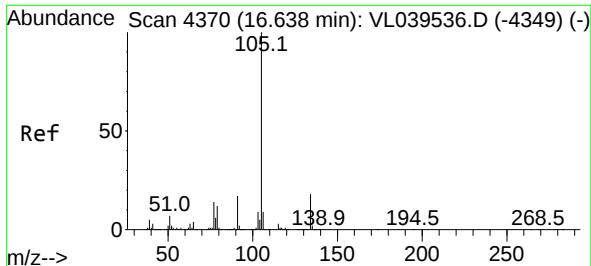
Ion Ratio Lower Upper

91 100

126 31.2 13.1 19.7#

128 9.9 4.4 6.6#

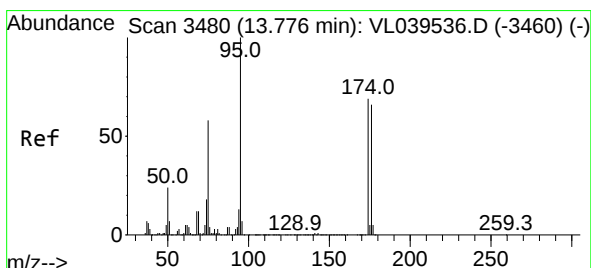
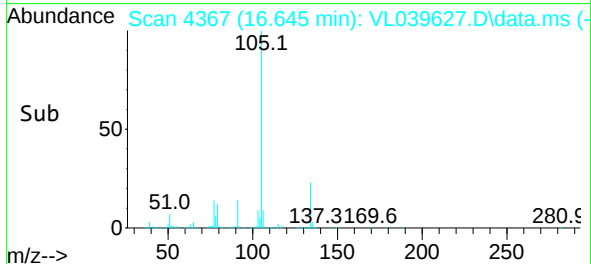
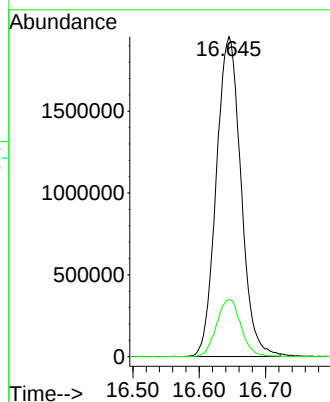
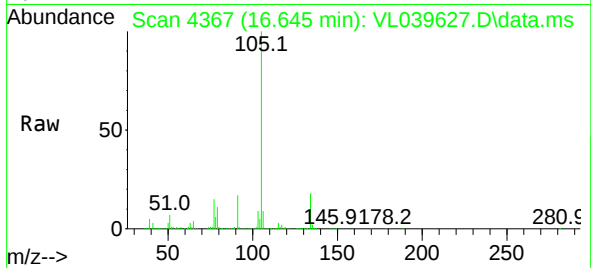




#67
 sec-Butylbenzene
 Concen: 7.617 ppbv
 RT: 16.645 min Scan# 41
 Delta R.T. 0.007 min
 Lab File: VL039627.D
 Acq: 19 Sep 2022 9:04

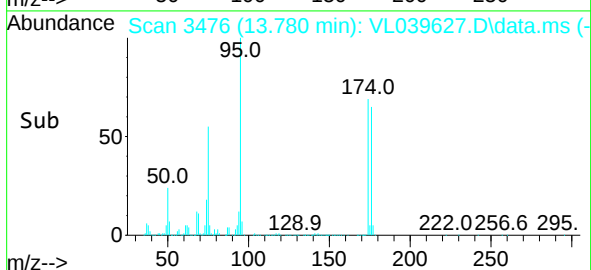
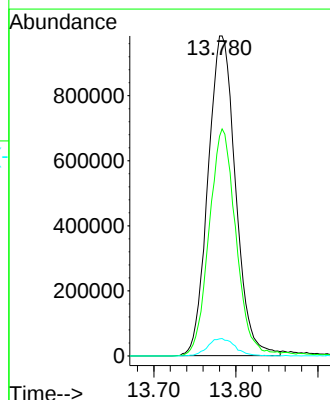
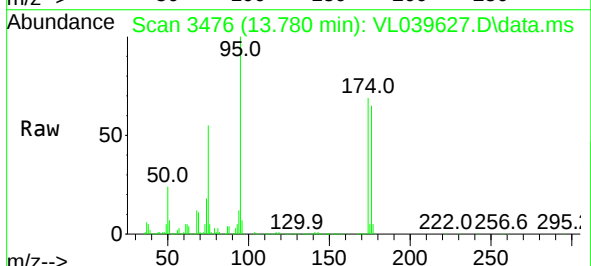
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010

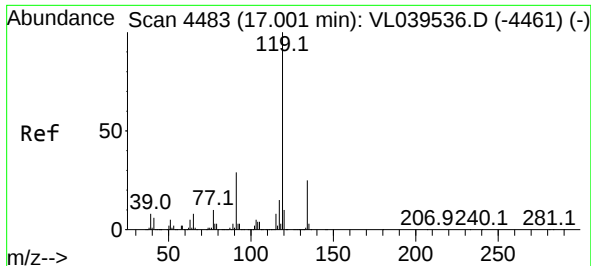
Tgt Ion:105 Resp: 5047274
 Ion Ratio Lower Upper
 105 100
 134 17.9 14.8 22.2



#68
 1-Bromo-4-Fluorobenzene
 Concen: 8.463 ppbv
 RT: 13.780 min Scan# 3476
 Delta R.T. 0.004 min
 Lab File: VL039627.D
 Acq: 19 Sep 2022 9:04

Tgt Ion: 95 Resp: 2291326
 Ion Ratio Lower Upper
 95 100
 174 70.5 55.9 83.9
 175 5.5 4.2 6.4



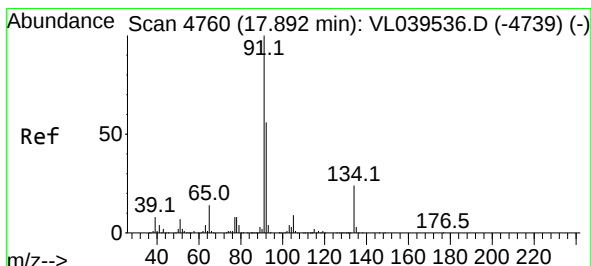
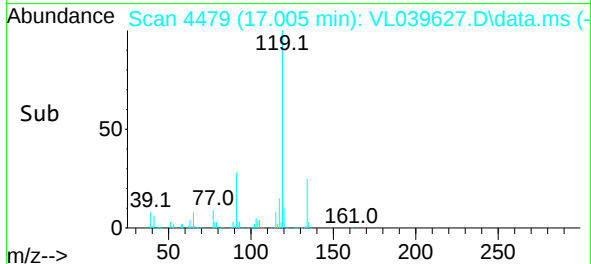
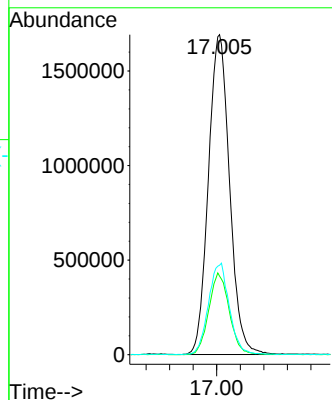
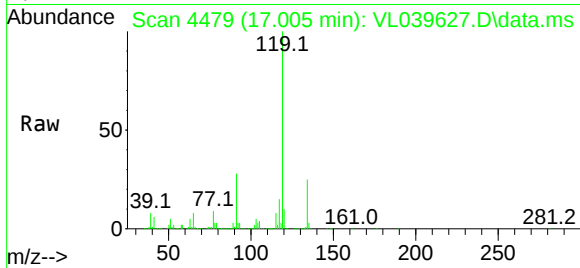


#69
p-Isopropyltoluene
Concen: 7.770 ppbv
RT: 17.005 min Scan# 4483
Delta R.T. 0.004 min
Lab File: VL039627.D
Acq: 19 Sep 2022 9:04

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 119 Resp: 4230781

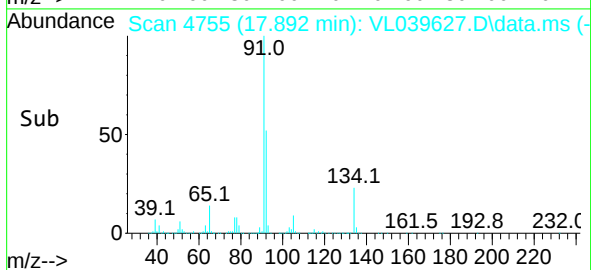
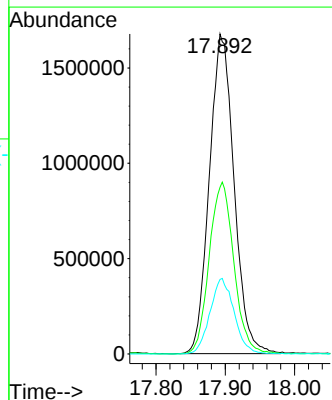
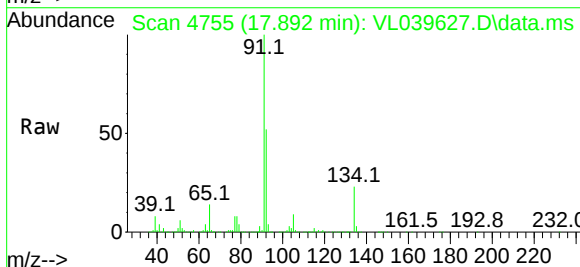
Ion	Ratio	Lower	Upper
119	100		
134	24.7	20.3	30.5
91	28.4	22.9	34.3

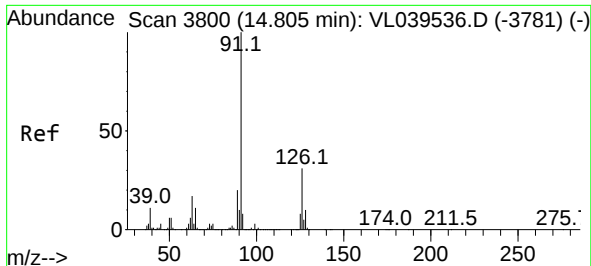


#70
n-Butylbenzene
Concen: 7.779 ppbv
RT: 17.892 min Scan# 4755
Delta R.T. 0.001 min
Lab File: VL039627.D
Acq: 19 Sep 2022 9:04

Tgt Ion: 91 Resp: 4152396

Ion	Ratio	Lower	Upper
91	100		
92	54.0	43.4	65.2
134	23.2	18.9	28.3

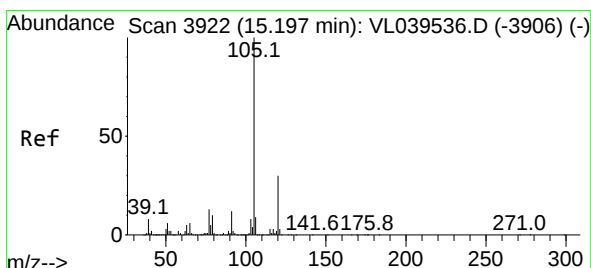
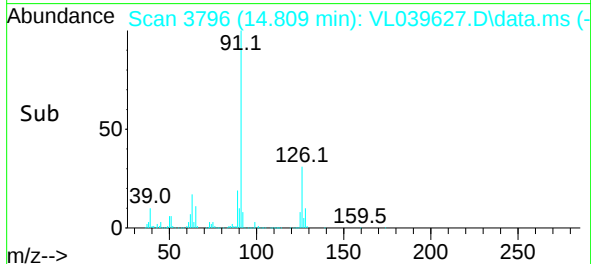
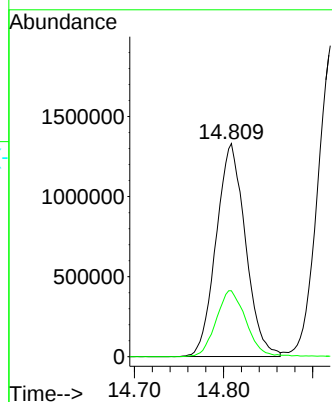
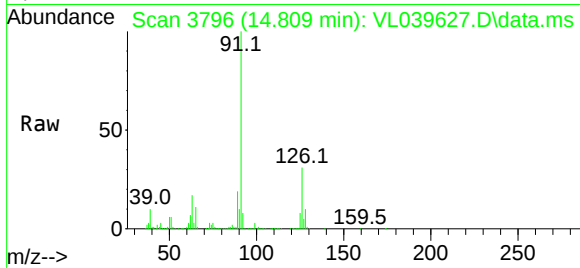




#71
2-Chlorotoluene
Concen: 7.866 ppbv
RT: 14.809 min Scan# 31
Delta R.T. 0.004 min
Lab File: VL039627.D
Acq: 19 Sep 2022 9:04

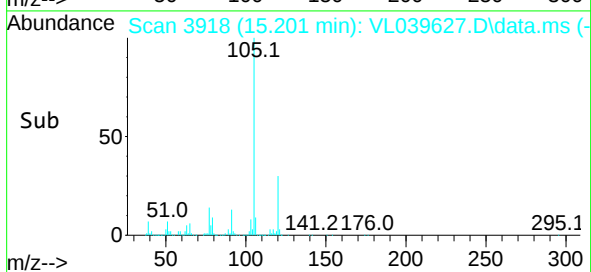
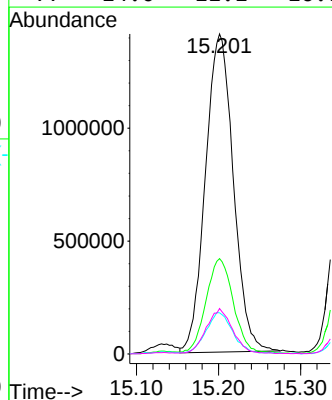
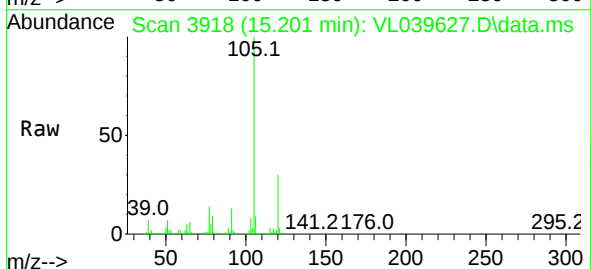
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

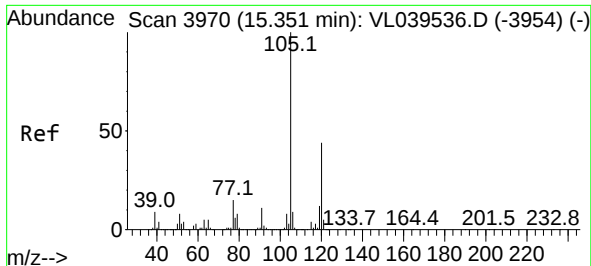
Tgt Ion: 91 Resp: 3036997
Ion Ratio Lower Upper
91 100
126 32.3 13.0 51.8



#72
4-Ethyltoluene
Concen: 8.210 ppbv
RT: 15.201 min Scan# 3918
Delta R.T. 0.004 min
Lab File: VL039627.D
Acq: 19 Sep 2022 9:04

Tgt Ion: 105 Resp: 3330688
Ion Ratio Lower Upper
105 100
120 30.8 24.2 36.2
91 13.7 10.2 15.4
77 14.0 11.1 16.7

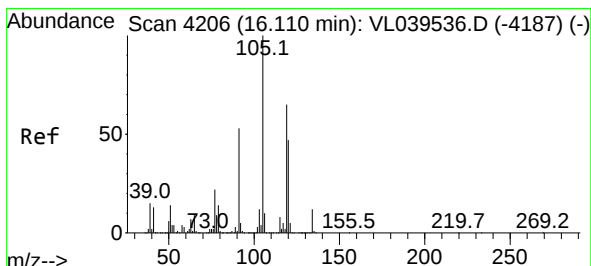
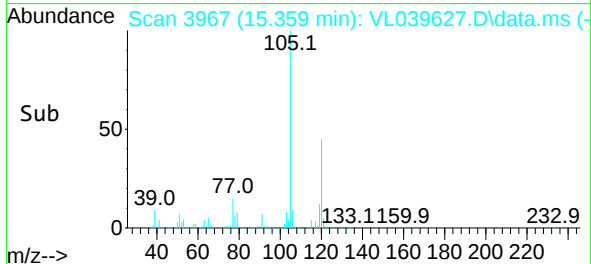
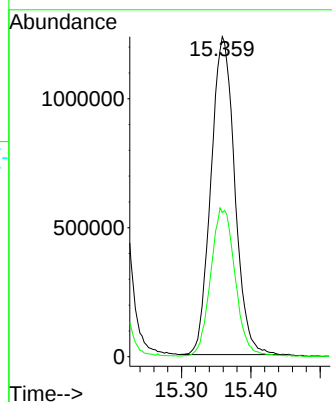
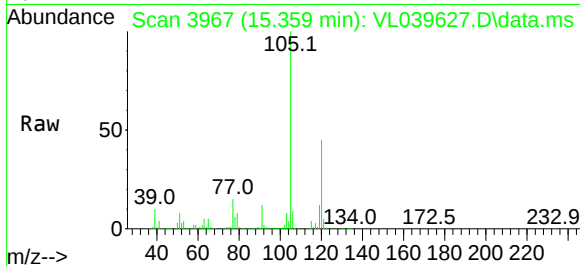




#73
 1,3,5-Trimethylbenzene
 Concen: 7.922 ppbv
 RT: 15.359 min Scan# 3970
 Delta R.T. 0.007 min
 Lab File: VL039627.D
 Acq: 19 Sep 2022 9:04

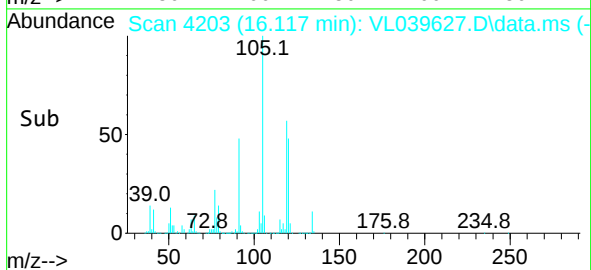
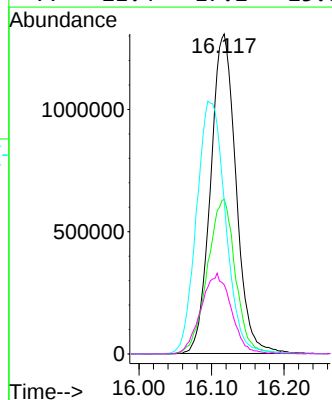
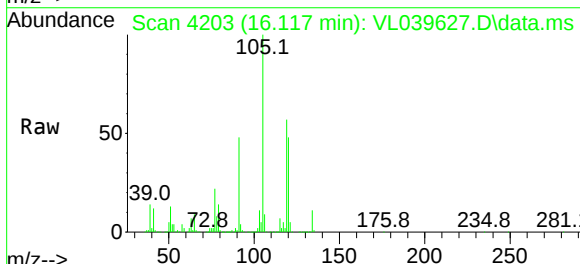
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010

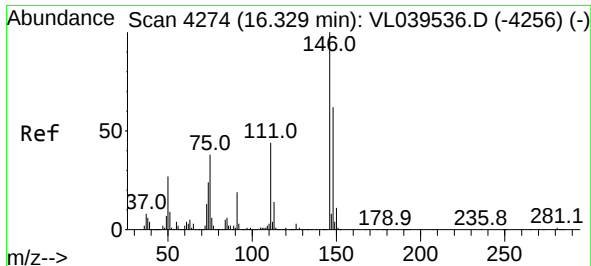
Tgt Ion:105 Resp: 2941128
 Ion Ratio Lower Upper
 105 100
 120 45.1 38.2 57.4



#74
 1,2,4-Trimethylbenzene
 Concen: 7.641 ppbv
 RT: 16.117 min Scan# 4203
 Delta R.T. 0.007 min
 Lab File: VL039627.D
 Acq: 19 Sep 2022 9:04

Tgt Ion:105 Resp: 3179826
 Ion Ratio Lower Upper
 105 100
 120 48.0 39.5 59.3
 91 47.5 39.2 58.8
 77 21.4 17.2 25.8

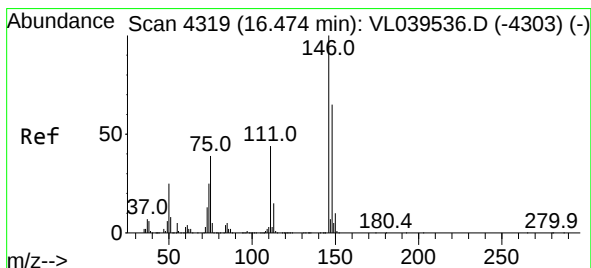
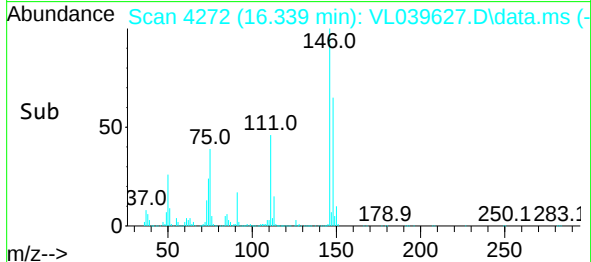
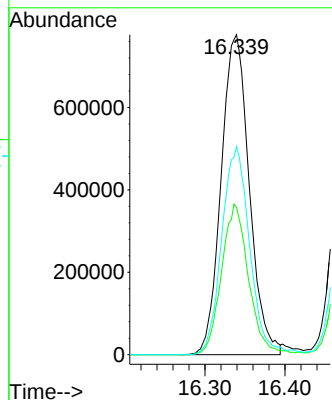
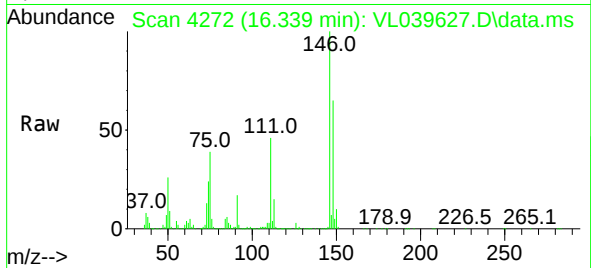




#75
1,3-Dichlorobenzene
Concen: 7.631 ppbv
RT: 16.339 min Scan# 41
Delta R.T. 0.010 min
Lab File: VL039627.D
Acq: 19 Sep 2022 9:04

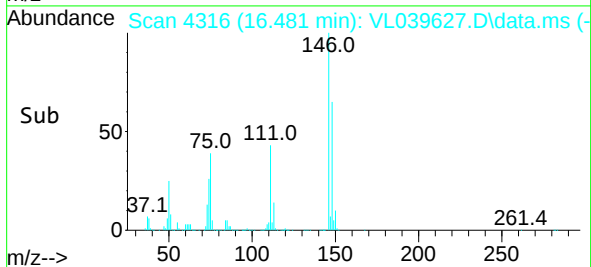
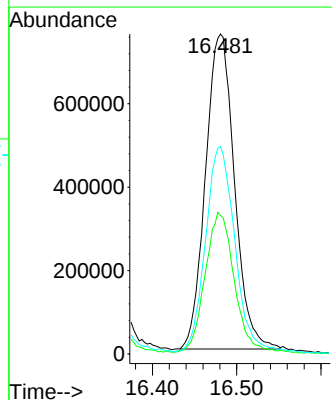
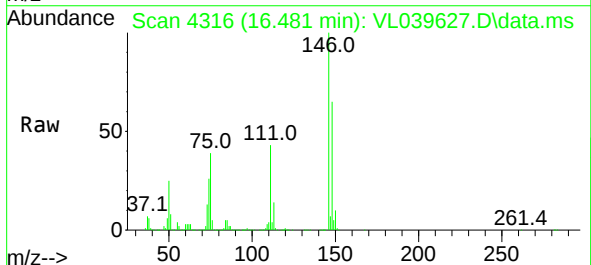
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ClientSampleId :
VSTDICCC010

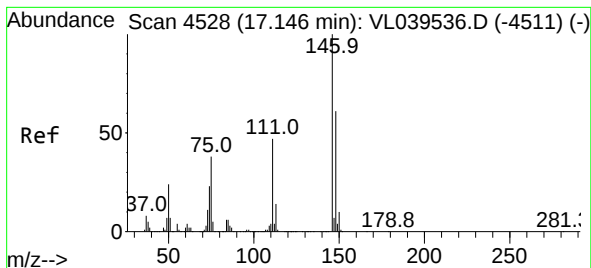
Tgt Ion:146 Resp: 1894684
Ion Ratio Lower Upper
146 100
111 45.5 22.9 68.7
148 64.9 32.1 96.5



#76
1,4-Dichlorobenzene
Concen: 7.275 ppbv
RT: 16.481 min Scan# 4316
Delta R.T. 0.007 min
Lab File: VL039627.D
Acq: 19 Sep 2022 9:04

Tgt Ion:146 Resp: 1807073
Ion Ratio Lower Upper
146 100
111 46.3 22.9 68.8
148 67.8 33.6 100.8





#77

1,2-Dichlorobenzene

Concen: 7.541 ppbv

RT: 17.150 min Scan# 4528

Delta R.T. 0.004 min

Lab File: VL039627.D

Acq: 19 Sep 2022 9:04

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

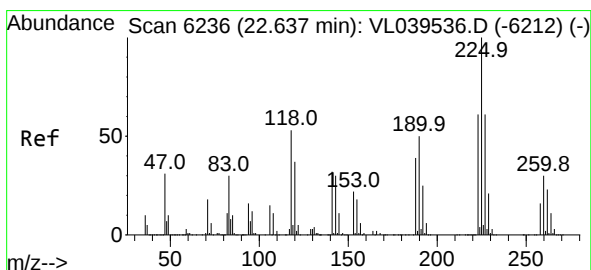
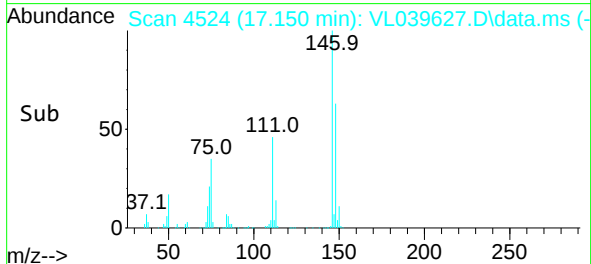
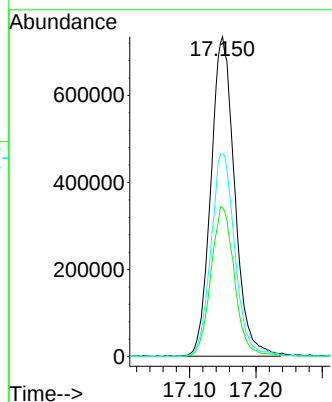
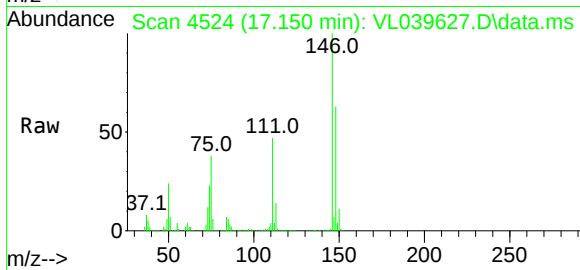
Tgt Ion:146 Resp: 1825921

Ion Ratio Lower Upper

146 100

111 46.9 23.8 71.5

148 64.2 32.3 96.8



#78

Hexachloro-1,3-Butadiene

Concen: 6.730 ppbv

RT: 22.641 min Scan# 6232

Delta R.T. 0.004 min

Lab File: VL039627.D

Acq: 19 Sep 2022 9:04

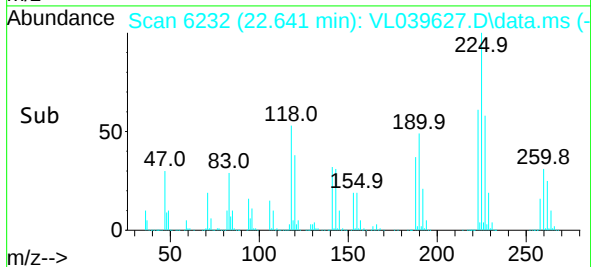
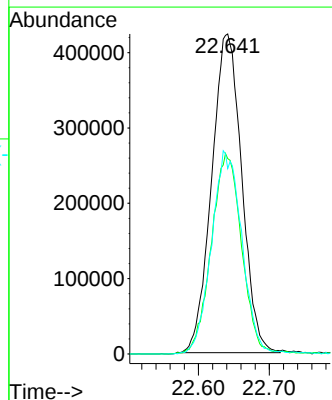
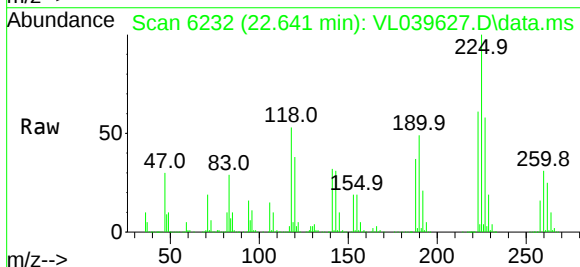
Tgt Ion:225 Resp: 1245122

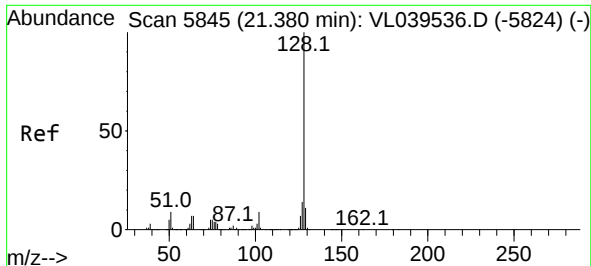
Ion Ratio Lower Upper

225 100

223 63.8 51.8 77.6

227 64.8 51.4 77.2

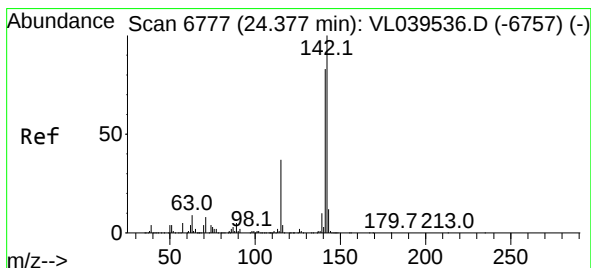
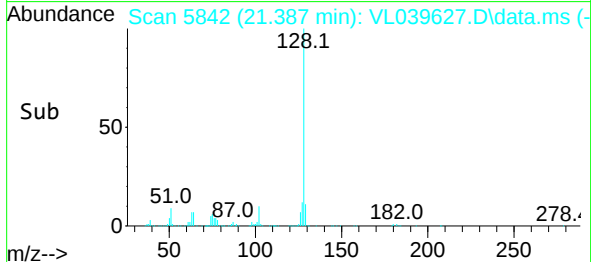
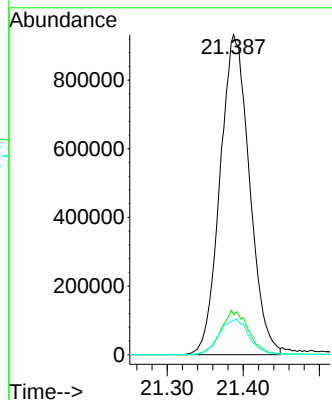
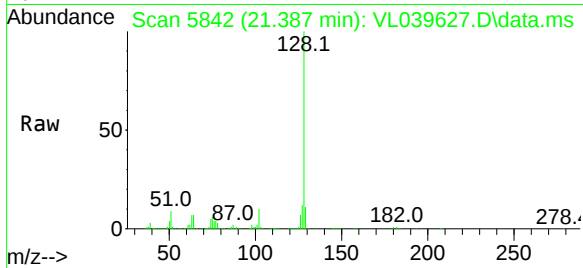




#79
Naphthalene
Concen: 9.114 ppbv
RT: 21.387 min Scan# 5842
Delta R.T. 0.007 min
Lab File: VL039627.D
Acq: 19 Sep 2022 9:04

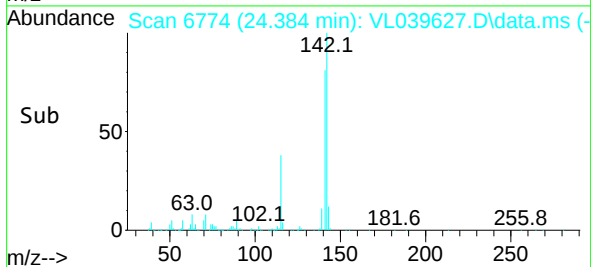
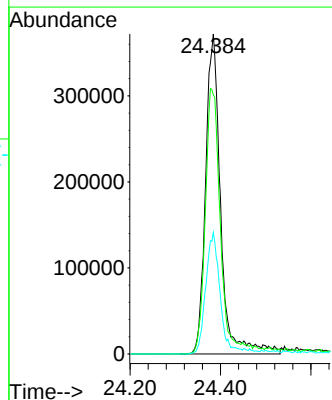
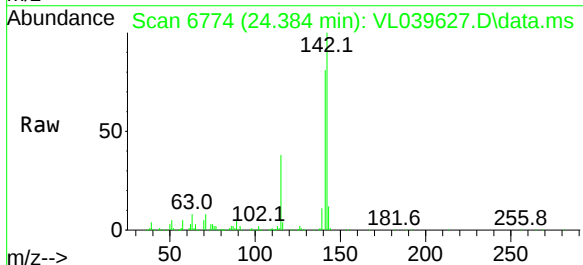
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

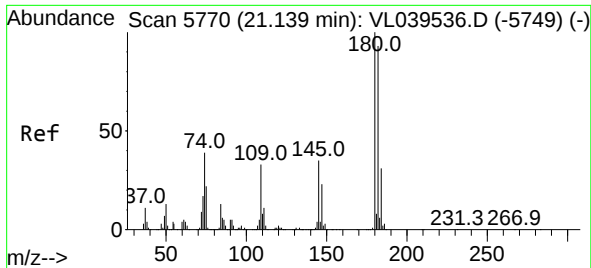
Tgt Ion:128 Resp: 2502981
Ion Ratio Lower Upper
128 100
127 12.3 10.6 15.8
129 10.7 8.8 13.2



#80
Naphthalene,2-methyl-
Concen: 8.355 ppbv
RT: 24.384 min Scan# 6774
Delta R.T. 0.007 min
Lab File: VL039627.D
Acq: 19 Sep 2022 9:04

Tgt Ion:142 Resp: 862758
Ion Ratio Lower Upper
142 100
141 86.5 68.9 103.3
115 36.8 30.0 45.0





#81
 1,2,4-Trichlorobenzene
 Concen: 7.840 ppbv
 RT: 21.146 min Scan# 51
 Delta R.T. 0.007 min
 Lab File: VL039627.D
 Acq: 19 Sep 2022 9:04

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010

Tgt Ion:180 Resp: 1414178
 Ion Ratio Lower Upper
 180 100
 182 98.8 77.1 115.7
 184 30.8 24.3 36.5

