

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL091922\
 Data File : VL039630.D
 Acq On : 19 Sep 2022 11:01
 Operator : SY/AP
 Sample : VSTDICC0.5
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC0.5

Quant Time: Sep 20 07:53:19 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	1168959	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.664	114	2979602	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.474	117	2751664	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.783	95	2059027	10.024	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.200%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.751	85	98081	0.724	ppbv	100
3) Chlorodifluoromethane	2.693	51	71821	0.518	ppbv	95
4) Chloromethane	2.838	50	43690	0.522	ppbv	100
5) Vinyl Chloride	2.944	62	34945	0.501	ppbv #	79
6) Bromomethane	3.137	94	5338	0.207	ppbv #	74
7) Chloroethane	3.221	64	12322	0.483	ppbv	99
8) Dichlorotetrafluoroethane	2.880	85	87866	0.541	ppbv	99
9) Propene	2.716	41	34400	0.543	ppbv	97
10) Heptane	7.597	43	62838	0.425	ppbv	92
11) Trichlorofluoromethane	3.587	101	81588	0.486	ppbv	96
12) 1,1,2-Trichlorotrifluo...	4.086	101	67245	0.530	ppbv	96
13) Ethanol	3.269	45	2626	0.544	ppbv #	23
14) Bromoethene	3.388	108	24519	0.485	ppbv #	84
15) Acetone	3.500	43	65847	0.506	ppbv #	88
16) 1,3-Butadiene	3.005	39	30105	0.456	ppbv	87
17) tert-Butyl alcohol	3.912	59	37012	0.317	ppbv #	79
18) 1,1-Dichloroethene	3.899	96	26613	0.477	ppbv	89
19) Isopropyl Alcohol	3.610	45	14642	0.221	ppbv #	88
20) Methylene Chloride	3.951	84	35410	0.589	ppbv #	93
21) Allyl Chloride	4.015	41	27005	0.305	ppbv #	35
22) trans-1,2-Dichloroethene	4.462	96	26312	0.477	ppbv	91
23) Vinyl Acetate	4.645	43	12423	0.211	ppbv #	87
24) 1,1-Dichloroethane	4.584	63	58398	0.499	ppbv #	95
25) Ethyl Acetate	5.227	43	136803	0.482	ppbv	98
26) Hexane	5.234	57	58350	0.485	ppbv	91
27) Carbon Disulfide	4.144	76	49672	0.393	ppbv #	91
28) Methyl tert-Butyl Ether	4.619	73	44761	0.443	ppbv	94
29) Chloroform	5.288	83	83205	0.479	ppbv	97
30) Cyclohexane	6.619	84	33213	0.356	ppbv #	77
31) cis-1,2-Dichloroethene	5.095	61	48081	0.442	ppbv	89
32) 1,1,1-Trichloroethane	6.018	97	77644	0.494	ppbv	94
34) 2-Butanone	4.816	43	63922	0.437	ppbv #	89
35) Carbon Tetrachloride	6.504	117	80541	0.509	ppbv	95
36) Benzene	6.381	78	104313	0.458	ppbv #	89
37) 1,2-Dichloroethane	5.816	62	26331	0.212	ppbv #	57
38) Trichloroethene	7.304	130	61840	0.502	ppbv	90
39) 1,2-Dichloropropane	7.082	63	39995	0.455	ppbv	95
40) 1,4-Dioxane	7.291	88	309	0.009	ppbv #	1
41) Tetrahydrofuran	5.597	42	32792	0.365	ppbv	89
42) Bromodichloromethane	7.259	83	78819	0.457	ppbv #	94
43) Methyl Methacrylate	7.491	69	16078	0.194	ppbv #	1
44) 2,2,4-Trimethylpentane	7.340	57	186598	0.475	ppbv	94
45) t-1,3-Dichloropropene	8.764	75	851	0.012	ppbv	90

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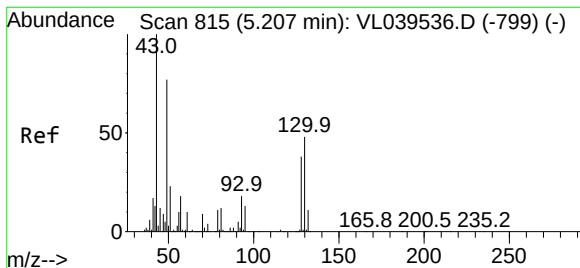
Quant Time: Sep 20 07:53:19 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL091922AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Mon Sep 19 14:26:28 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.156	75	35812	0.358	ppbv #	86
47) 1,1,2-Trichloroethane	8.905	97	22694	0.236	ppbv	91
48) Dibromochloromethane	9.719	129	58674	0.405	ppbv	88
49) Bromoform	12.420	173	27636	0.231	ppbv #	26
50) 4-Methyl-2-Pentanone	8.217	43	94795	0.412	ppbv	100
51) 2-Hexanone	9.584	43	11947	0.070	ppbv #	29
52) Tetrachloroethene	10.632	164	15334	0.176	ppbv	92
53) Toluene	9.233	91	107627	0.425	ppbv	97
54) 1,2-Dibromoethane	10.015	107	50354	0.490	ppbv	92
56) 1,1,1,2-Tetrachloroethane	11.516	131	57629	0.518	ppbv #	1
57) Chlorobenzene	11.532	112	67194	0.332	ppbv #	85
58) Ethyl Benzene	12.098	91	130362	0.411	ppbv	90
59) m/p-Xylene	12.378	91	125380	0.444	ppbv #	26
60) o-Xylene	13.066	91	120195	0.446	ppbv	94
61) Styrene	12.902	104	21292	0.147	ppbv #	16
62) Isopropylbenzene	14.043	105	191636	0.472	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.056	83	54916	0.511	ppbv	93
64) n-propylbenzene	14.931	120	28262	0.272	ppbv #	1
65) tert-Butylbenzene	16.101	119	160754	0.448	ppbv	89
66) Benzyl Chloride	16.342	91	3562	0.125	ppbv #	86
67) sec-Butylbenzene	16.648	105	236384	0.470	ppbv	95
69) p-Isopropyltoluene	17.005	119	92495	0.224	ppbv #	42
70) n-Butylbenzene	17.895	91	81417	0.201	ppbv #	31
71) 2-Chlorotoluene	14.809	91	132719	0.453	ppbv	100
72) 4-Ethyltoluene	15.201	105	128188	0.416	ppbv #	95
73) 1,3,5-Trimethylbenzene	15.362	105	124639	0.443	ppbv	88
74) 1,2,4-Trimethylbenzene	16.124	105	47891	0.152	ppbv	89
75) 1,3-Dichlorobenzene	16.339	146	90154	0.479	ppbv	95
76) 1,4-Dichlorobenzene	16.474	146	34248	0.182	ppbv #	6
77) 1,2-Dichlorobenzene	17.153	146	30214	0.164	ppbv #	1
78) Hexachloro-1,3-Butadiene	22.648	225	10842	0.077	ppbv #	1
79) Naphthalene	21.390	128	34871	0.167	ppbv #	92
80) Naphthalene,2-methyl-	24.387	142	19560	0.250	ppbv	88
81) 1,2,4-Trichlorobenzene	21.143	180	23045	0.168	ppbv #	12

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

Instrument :
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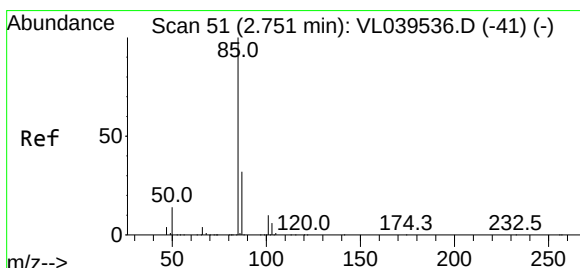
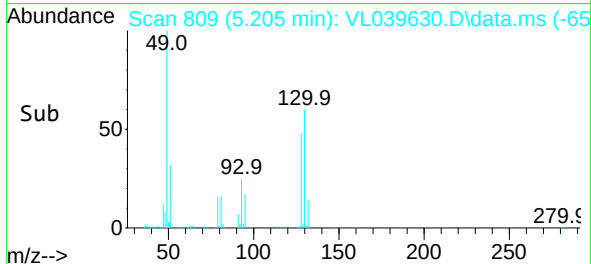
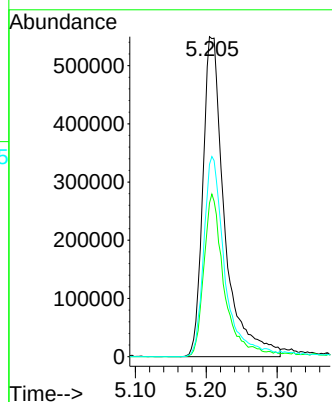
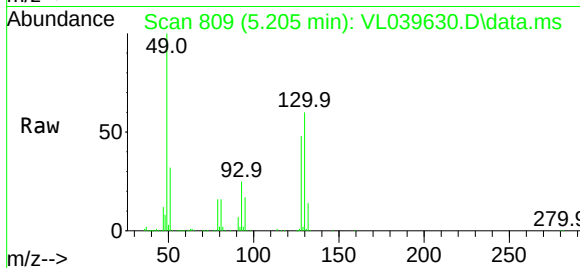
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#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.205 min Scan# 815
 Delta R.T. -0.002 min
 Lab File: VL039630.D
 Acq: 19 Sep 2022 11:01

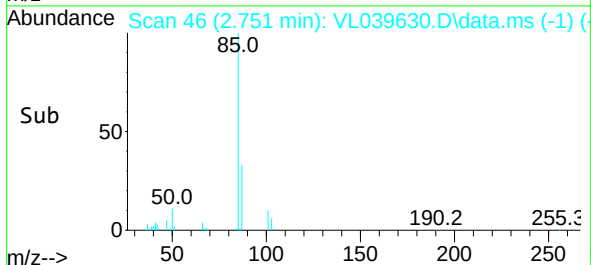
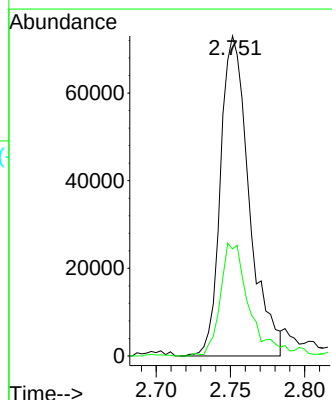
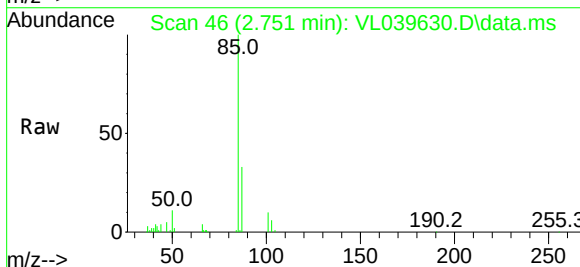
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 ClientSampleId :
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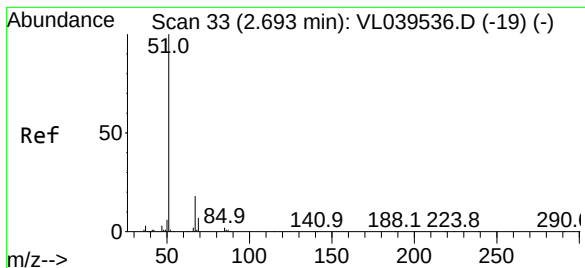
Tgt Ion: 49 Resp: 1168959
 Ion Ratio Lower Upper
 49 100
 128 48.1 26.7 80.0
 130 62.8 34.3 102.8



#2
 Dichlorodifluoromethane
 Concen: 0.724 ppbv
 RT: 2.751 min Scan# 46
 Delta R.T. 0.001 min
 Lab File: VL039630.D
 Acq: 19 Sep 2022 11:01

Tgt Ion: 85 Resp: 98081
 Ion Ratio Lower Upper
 85 100
 87 33.5 26.7 40.1

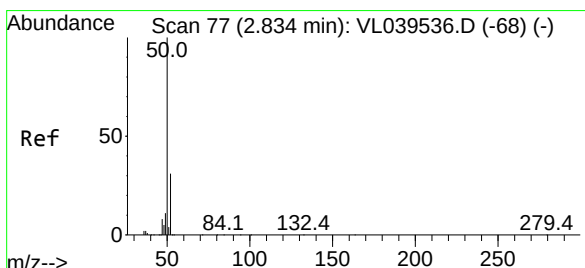
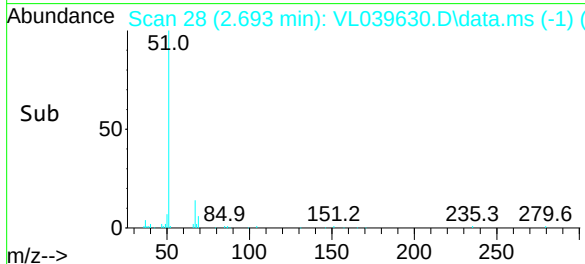
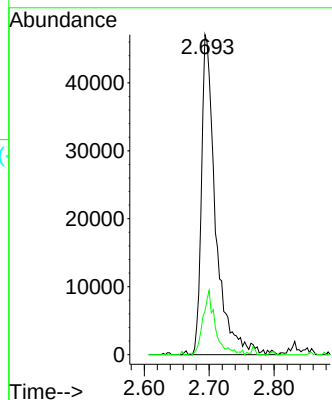
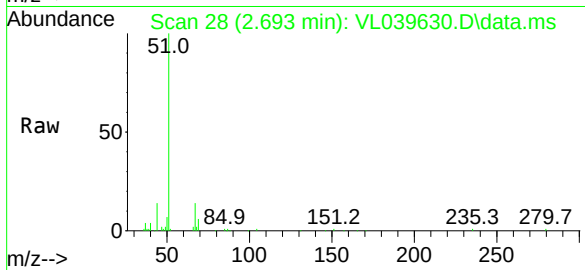




#3
 Chlorodifluoromethane
 Concen: 0.518 ppbv
 RT: 2.693 min Scan# 21
 Delta R.T. 0.001 min
 Lab File: VL039630.D
 Acq: 19 Sep 2022 11:01

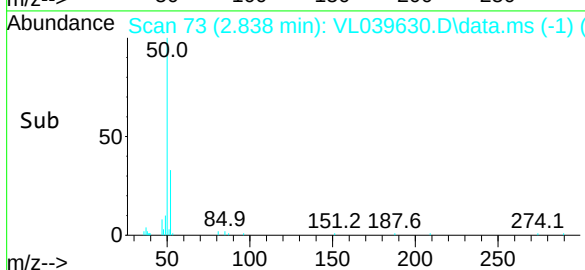
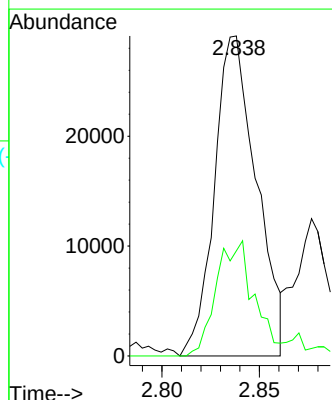
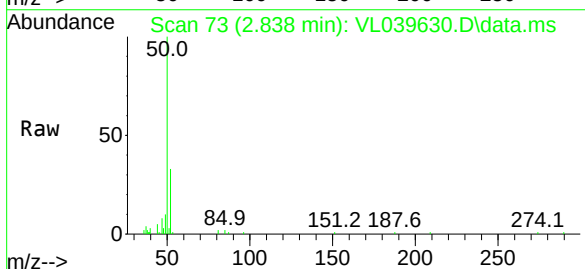
Instrument :
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 ClientSampleId :
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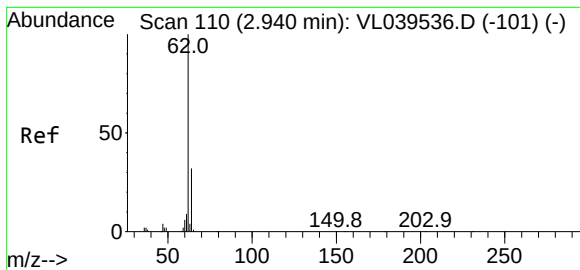
Tgt Ion: 51 Resp: 71821
 Ion Ratio Lower Upper
 51 100
 67 17.3 15.7 23.5



#4
 Chloromethane
 Concen: 0.522 ppbv
 RT: 2.838 min Scan# 73
 Delta R.T. 0.004 min
 Lab File: VL039630.D
 Acq: 19 Sep 2022 11:01

Tgt Ion: 50 Resp: 43690
 Ion Ratio Lower Upper
 50 100
 52 32.9 26.5 39.7

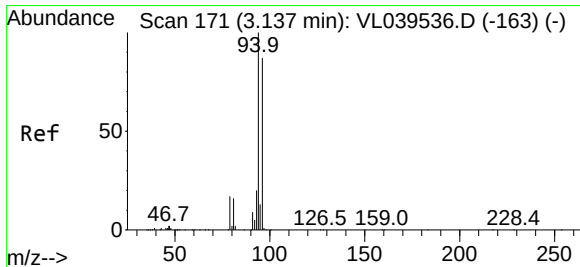
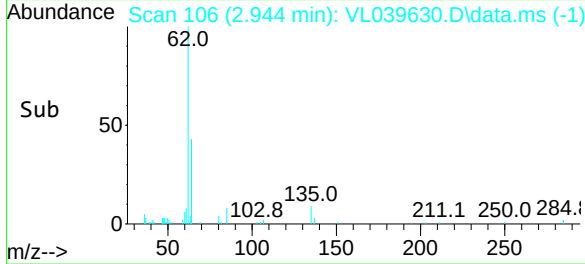
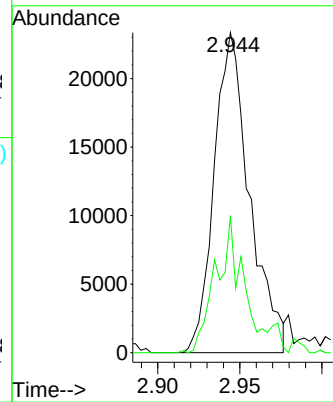
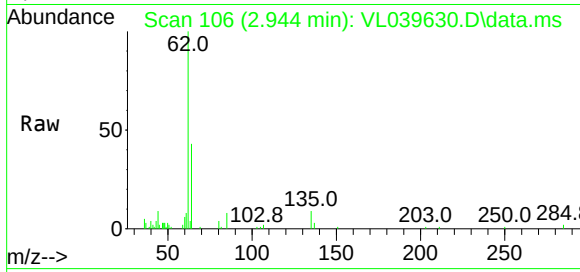




#5
 Vinyl Chloride
 Concen: 0.501 ppbv
 RT: 2.944 min Scan# 106
 Delta R.T. 0.004 min
 Lab File: VL039630.D
 Acq: 19 Sep 2022 11:01

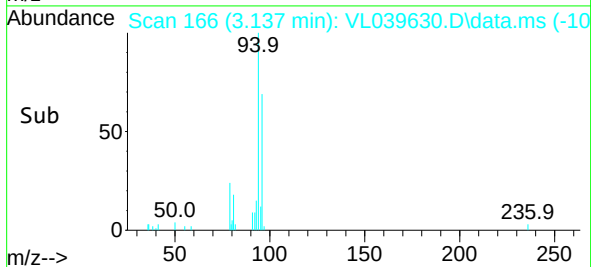
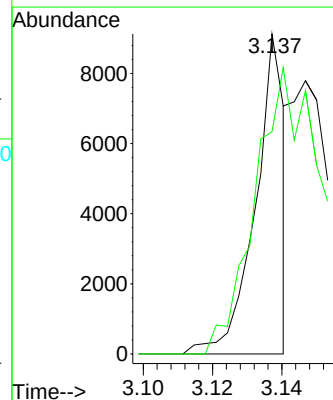
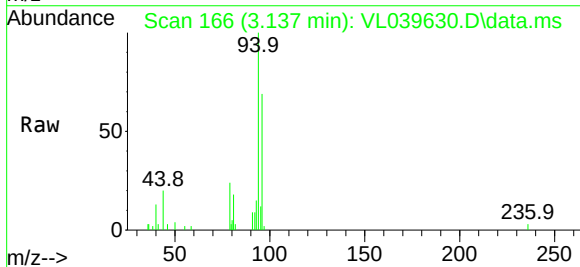
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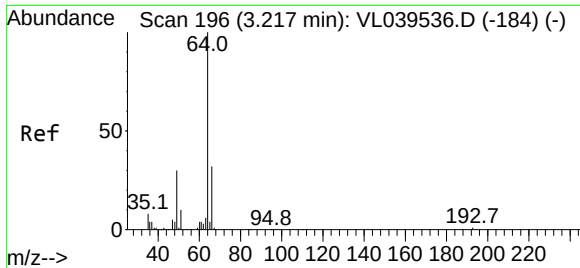
Tgt Ion: 62 Resp: 34945
 Ion Ratio Lower Upper
 62 100
 64 42.1 24.6 36.8#



#6
 Bromomethane
 Concen: 0.207 ppbv
 RT: 3.137 min Scan# 166
 Delta R.T. 0.001 min
 Lab File: VL039630.D
 Acq: 19 Sep 2022 11:01

Tgt Ion: 94 Resp: 5338
 Ion Ratio Lower Upper
 94 100
 96 69.5 75.6 113.4#

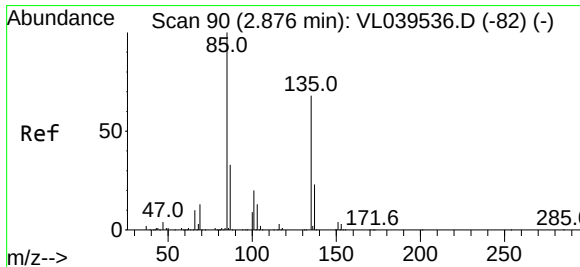
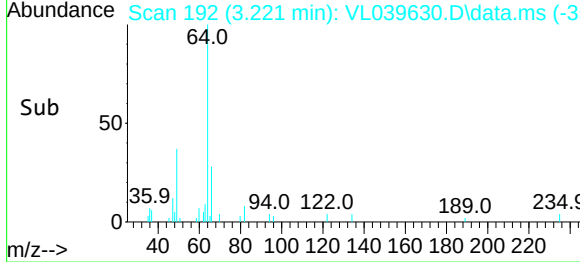
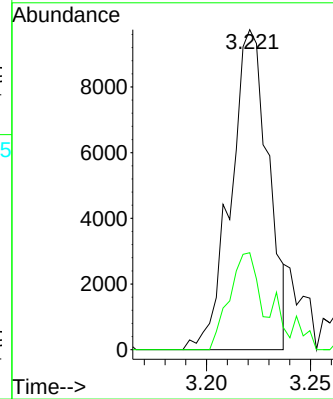
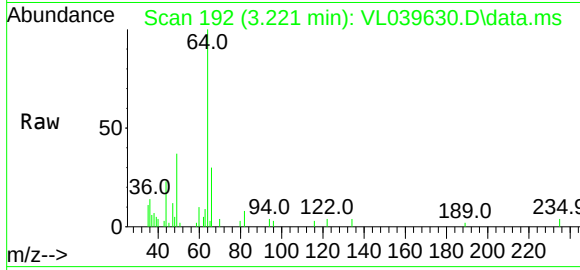




#7
Chloroethane
Concen: 0.483 ppbv
RT: 3.221 min Scan# 196
Delta R.T. 0.004 min
Lab File: VL039630.D
Acq: 19 Sep 2022 11:01

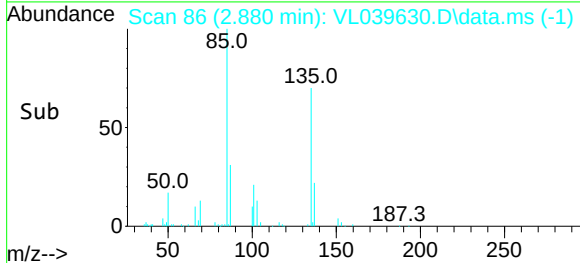
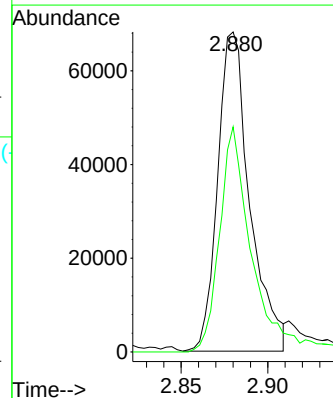
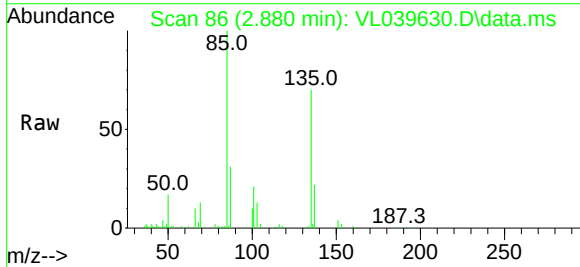
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

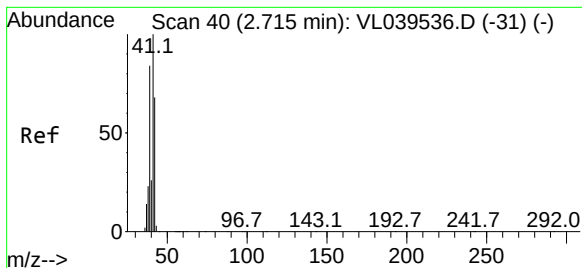
Tgt Ion: 64 Resp: 12322
Ion Ratio Lower Upper
64 100
66 30.3 24.7 37.1



#8
Dichlorotetrafluoroethane
Concen: 0.541 ppbv
RT: 2.880 min Scan# 86
Delta R.T. 0.004 min
Lab File: VL039630.D
Acq: 19 Sep 2022 11:01

Tgt Ion: 85 Resp: 87866
Ion Ratio Lower Upper
85 100
135 73.0 59.0 88.4





#9

Propene

Concen: 0.543 ppbv

RT: 2.716 min Scan# 31

Delta R.T. 0.001 min

Lab File: VL039630.D

Acq: 19 Sep 2022 11:01

Instrument :

MSVOA_L

ClientSampleId :

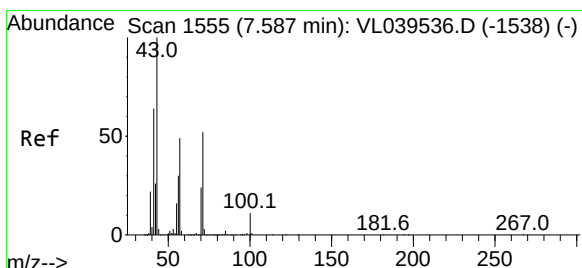
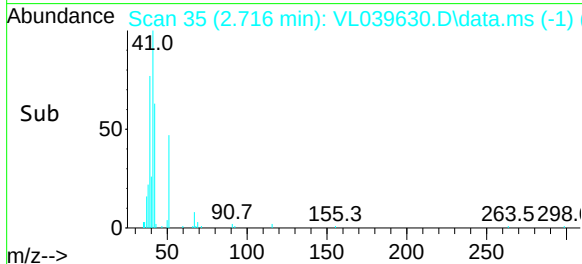
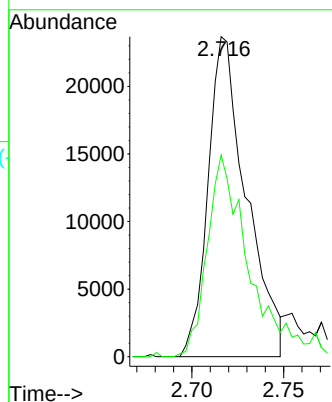
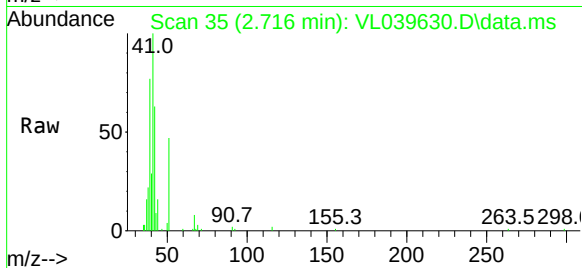
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Tgt Ion: 41 Resp: 34400

Ion Ratio Lower Upper

41 100

42 71.8 55.2 82.8



#10

Heptane

Concen: 0.425 ppbv

RT: 7.597 min Scan# 1553

Delta R.T. 0.010 min

Lab File: VL039630.D

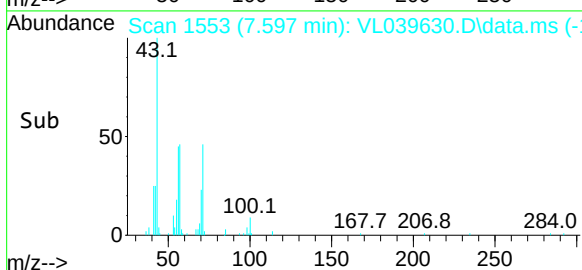
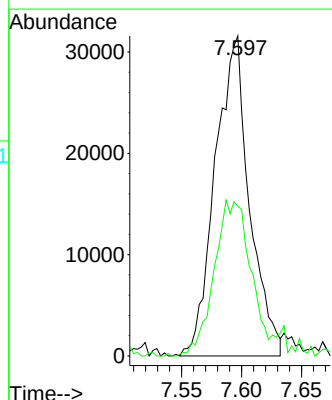
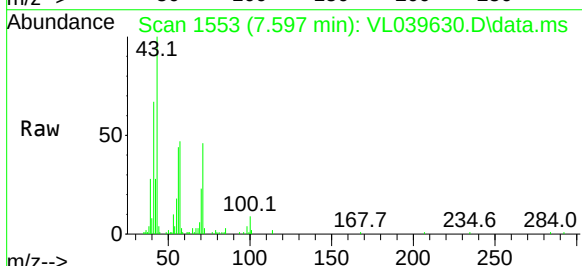
Acq: 19 Sep 2022 11:01

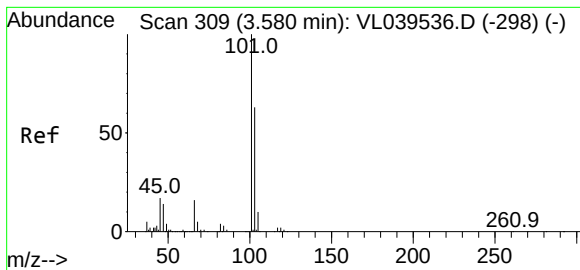
Tgt Ion: 43 Resp: 62838

Ion Ratio Lower Upper

43 100

57 55.8 40.5 60.7

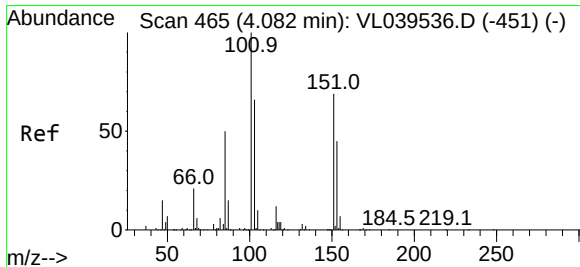
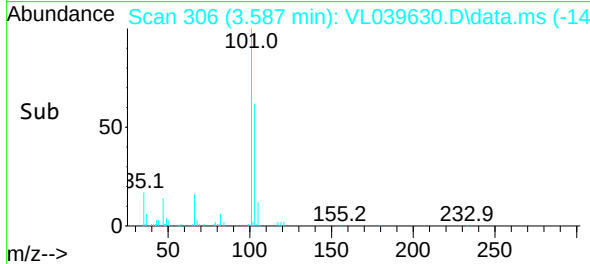
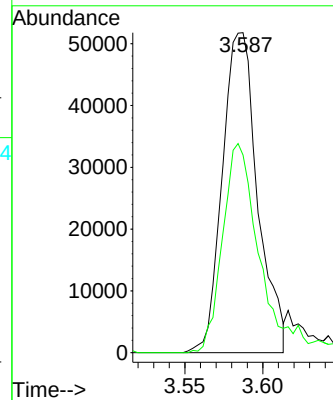
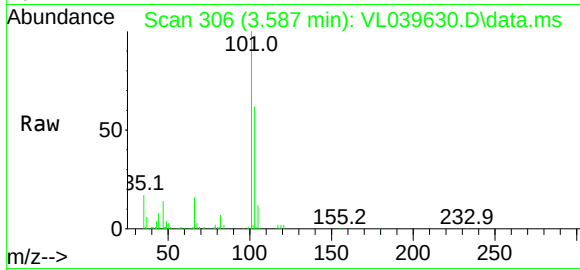




#11
 Trichlorofluoromethane
 Concen: 0.486 ppbv
 RT: 3.587 min Scan# 309
 Delta R.T. 0.007 min
 Lab File: VL039630.D
 Acq: 19 Sep 2022 11:01

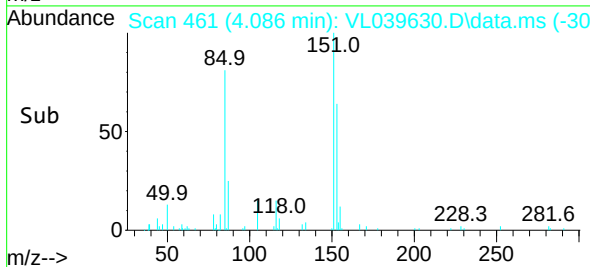
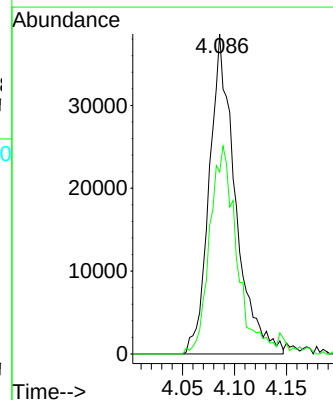
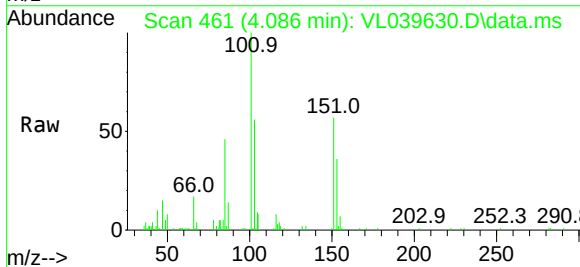
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 MSVOA_L
 ClientSampleId :
 VSTDIC0.5

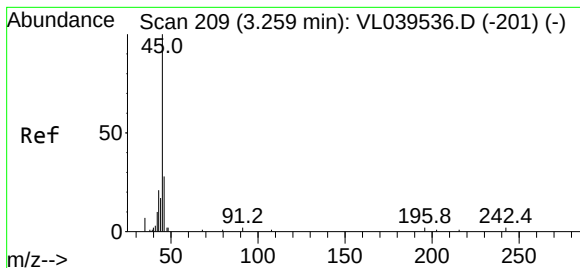
Tgt Ion:101 Resp: 81588
 Ion Ratio Lower Upper
 101 100
 103 61.8 51.8 77.8



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.530 ppbv
 RT: 4.086 min Scan# 461
 Delta R.T. 0.004 min
 Lab File: VL039630.D
 Acq: 19 Sep 2022 11:01

Tgt Ion:101 Resp: 67245
 Ion Ratio Lower Upper
 101 100
 151 70.3 58.9 88.3





#13

Ethanol

Concen: 0.544 ppbv

RT: 3.269 min Scan# 209

Delta R.T. 0.010 min

Lab File: VL039630.D

Acq: 19 Sep 2022 11:01

Instrument :

MSVOA_L

ClientSampleId :

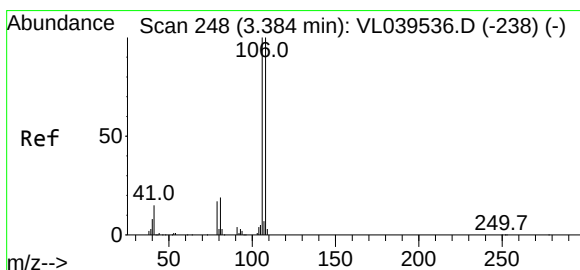
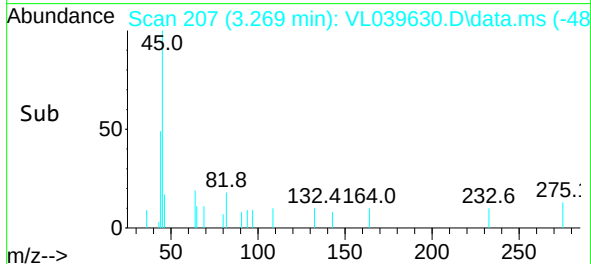
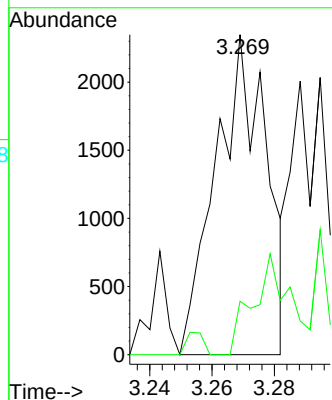
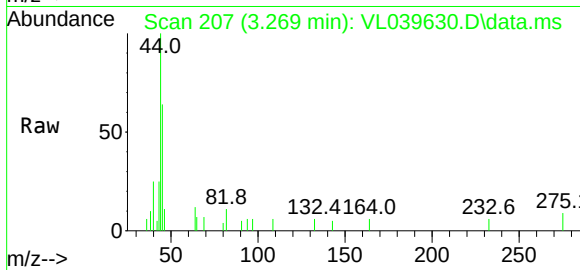
VSTDICC0.5

Tgt Ion: 45 Resp: 2626

Ion Ratio Lower Upper

45 100

46 0.0 22.8 91.2#



#14

Bromoethene

Concen: 0.485 ppbv

RT: 3.388 min Scan# 244

Delta R.T. 0.004 min

Lab File: VL039630.D

Acq: 19 Sep 2022 11:01

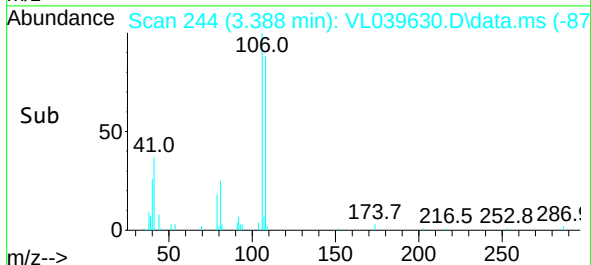
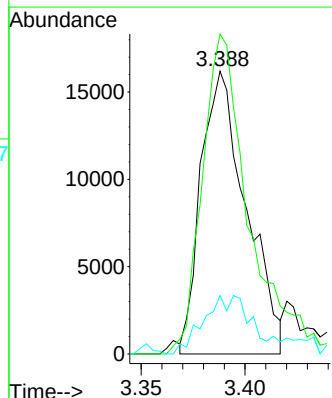
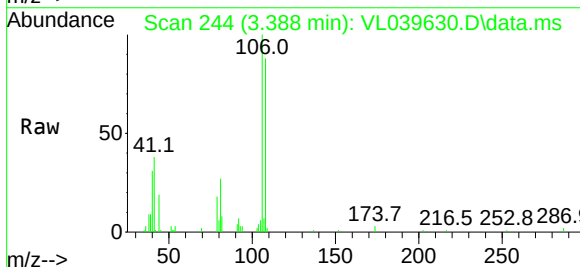
Tgt Ion: 108 Resp: 24519

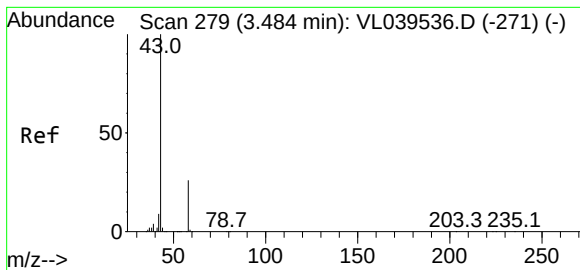
Ion Ratio Lower Upper

108 100

106 125.1 87.1 130.7

79 27.6 14.6 22.0#

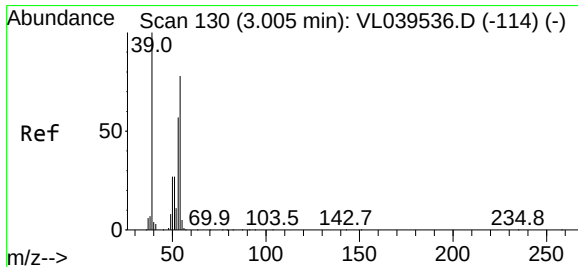
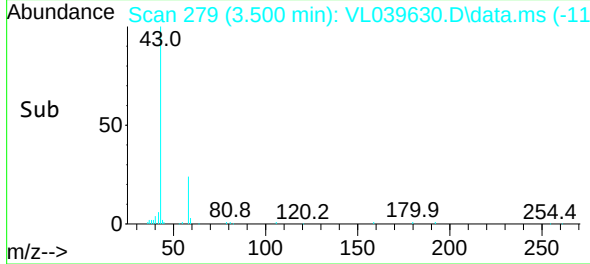
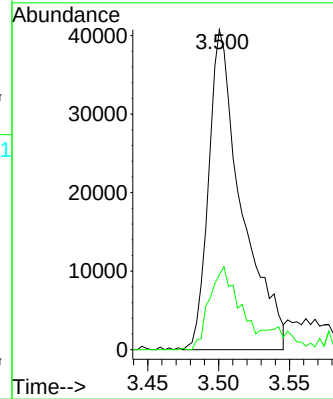
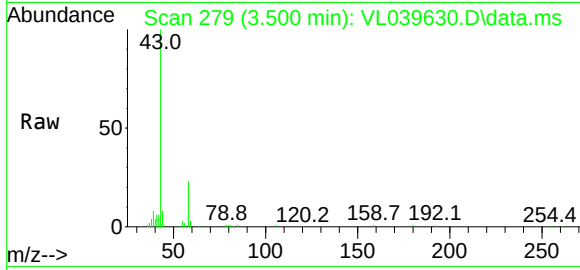




#15
Acetone
Concen: 0.506 ppbv
RT: 3.500 min Scan# 21
Delta R.T. 0.017 min
Lab File: VL039630.D
Acq: 19 Sep 2022 11:01

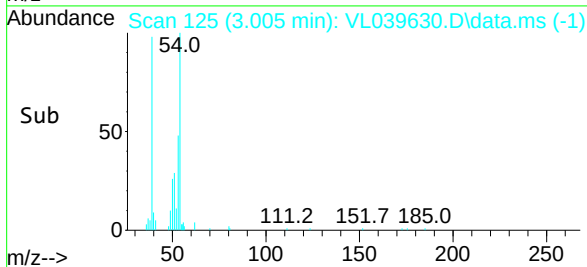
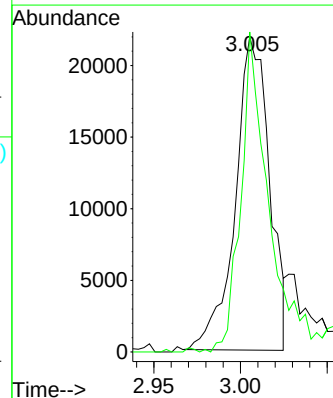
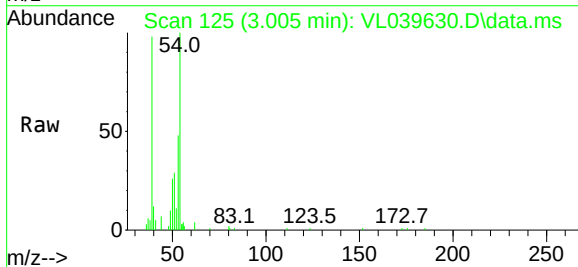
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

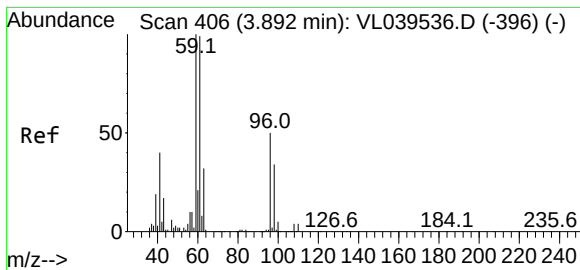
Tgt Ion: 43 Resp: 65847
Ion Ratio Lower Upper
43 100
58 32.5 21.0 31.6#



#16
1,3-Butadiene
Concen: 0.456 ppbv
RT: 3.005 min Scan# 125
Delta R.T. 0.001 min
Lab File: VL039630.D
Acq: 19 Sep 2022 11:01

Tgt Ion: 39 Resp: 30105
Ion Ratio Lower Upper
39 100
54 90.9 63.7 95.5

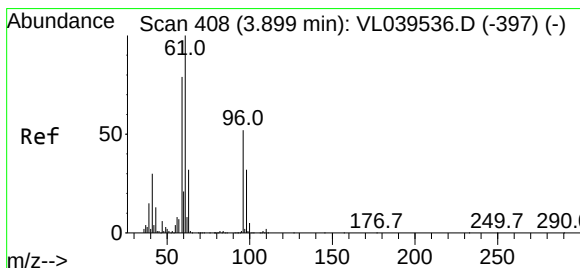
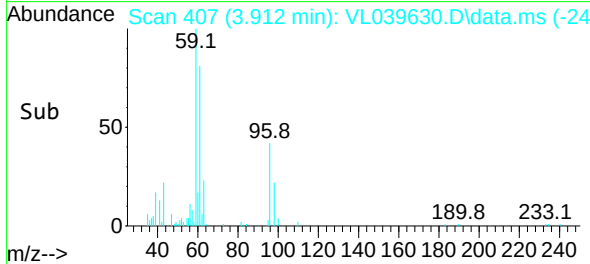
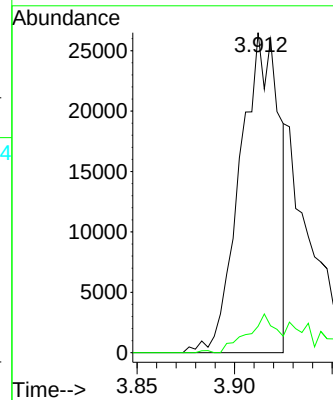
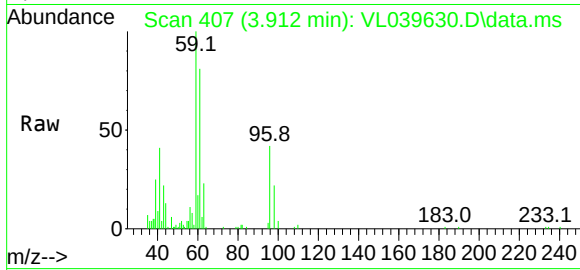




#17
tert-Butyl alcohol
Concen: 0.317 ppbv
RT: 3.912 min Scan# 407
Delta R.T. 0.020 min
Lab File: VL039630.D
Acq: 19 Sep 2022 11:01

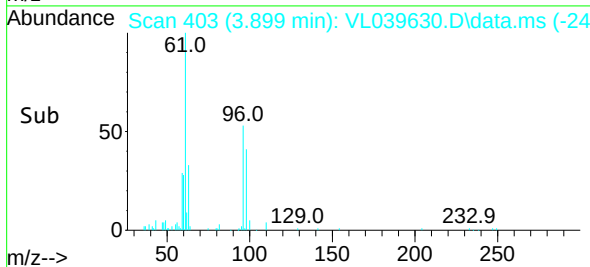
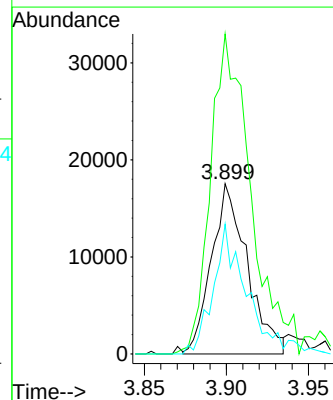
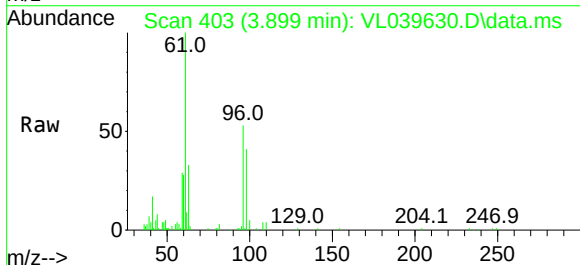
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.5

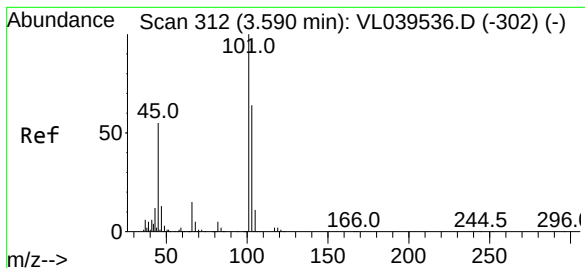
Tgt Ion: 59 Resp: 37012
Ion Ratio Lower Upper
59 100
57 18.8 8.7 13.1#



#18
1,1-Dichloroethene
Concen: 0.477 ppbv
RT: 3.899 min Scan# 403
Delta R.T. 0.001 min
Lab File: VL039630.D
Acq: 19 Sep 2022 11:01

Tgt Ion: 96 Resp: 26613
Ion Ratio Lower Upper
96 100
61 204.3 152.2 228.4
98 77.2 51.8 77.6

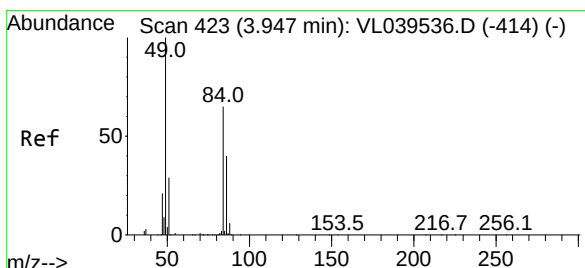
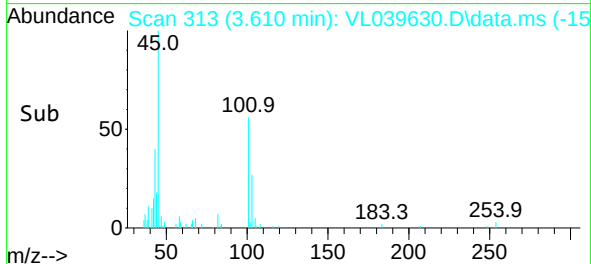
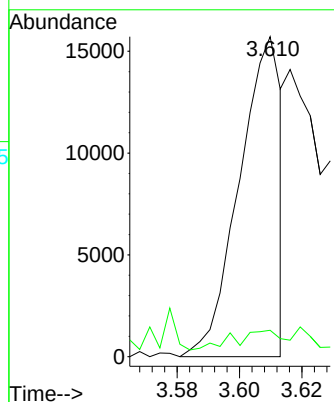
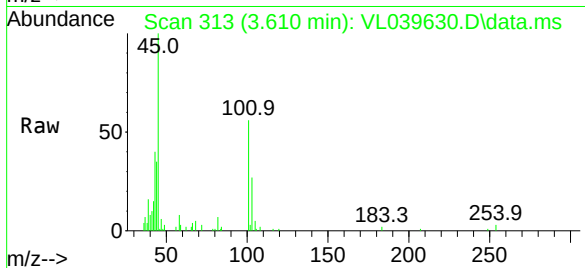




#19
Isopropyl Alcohol
Concen: 0.221 ppbv
RT: 3.610 min Scan# 312
Delta R.T. 0.020 min
Lab File: VL039630.D
Acq: 19 Sep 2022 11:01

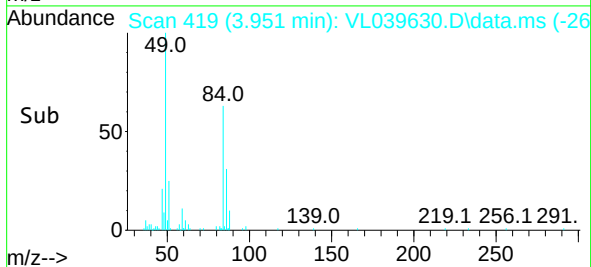
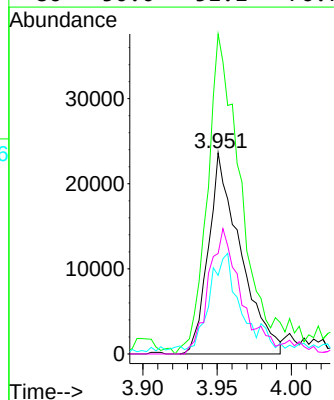
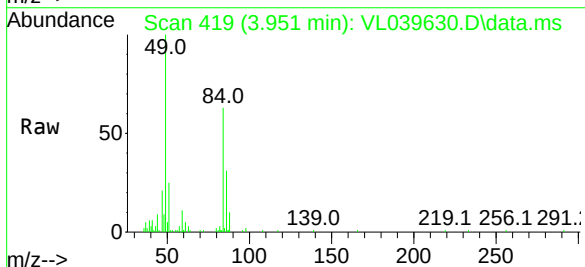
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

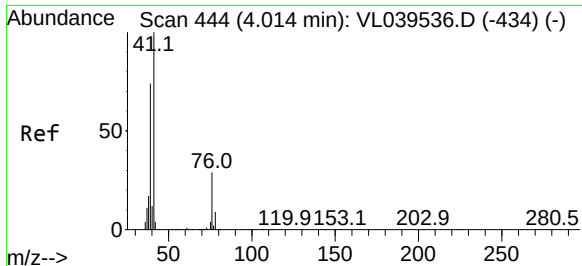
Tgt Ion: 45 Resp: 14642
Ion Ratio Lower Upper
45 100
58 0.0 3.2 4.8#



#20
Methylene Chloride
Concen: 0.589 ppbv
RT: 3.951 min Scan# 419
Delta R.T. 0.004 min
Lab File: VL039630.D
Acq: 19 Sep 2022 11:01

Tgt Ion: 84 Resp: 35410
Ion Ratio Lower Upper
84 100
49 155.9 123.1 184.7
51 35.1 34.4 51.6
86 50.0 51.1 76.7#

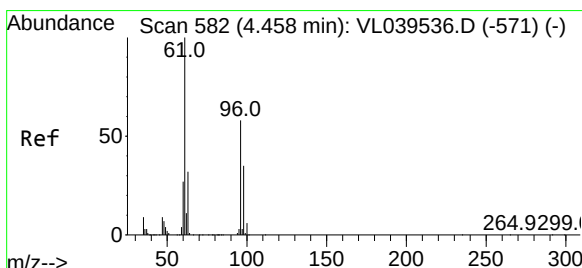
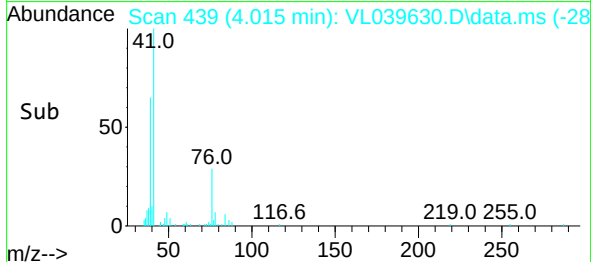
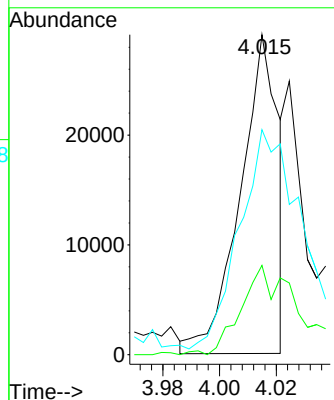
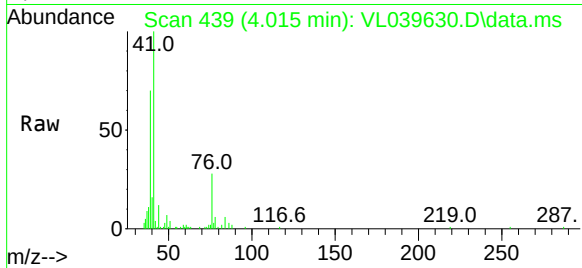




#21
 Allyl Chloride
 Concen: 0.305 ppbv
 RT: 4.015 min Scan# 41
 Delta R.T. 0.001 min
 Lab File: VL039630.D
 Acq: 19 Sep 2022 11:01

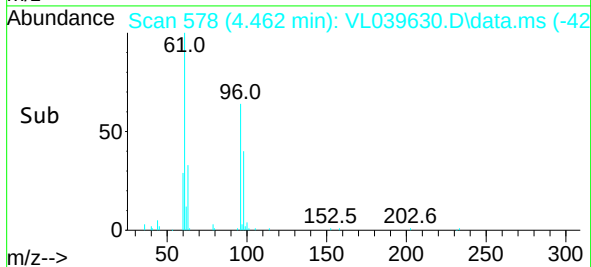
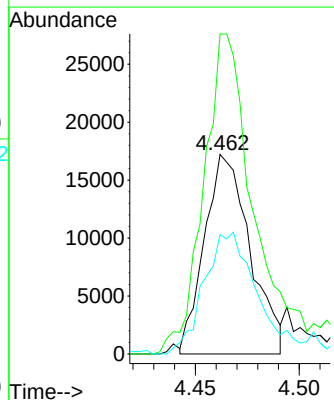
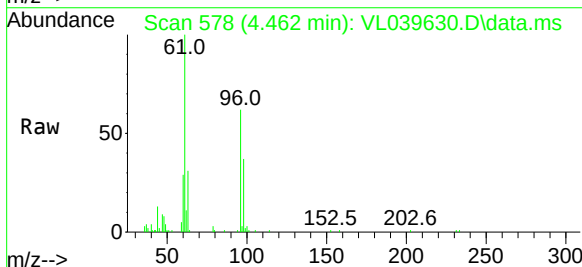
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5

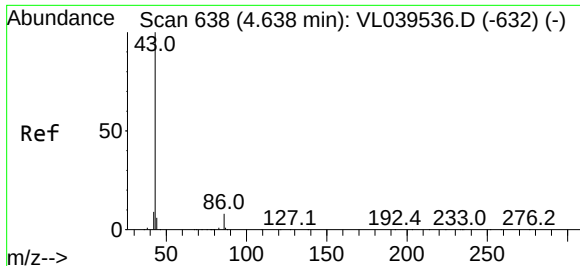
Tgt Ion: 41 Resp: 27005
 Ion Ratio Lower Upper
 41 100
 76 48.0 24.4 36.6#
 39 147.8 63.5 95.3#



#22
 trans-1,2-Dichloroethene
 Concen: 0.477 ppbv
 RT: 4.462 min Scan# 578
 Delta R.T. 0.004 min
 Lab File: VL039630.D
 Acq: 19 Sep 2022 11:01

Tgt Ion: 96 Resp: 26312
 Ion Ratio Lower Upper
 96 100
 61 153.6 130.6 195.8
 98 55.6 53.4 80.0



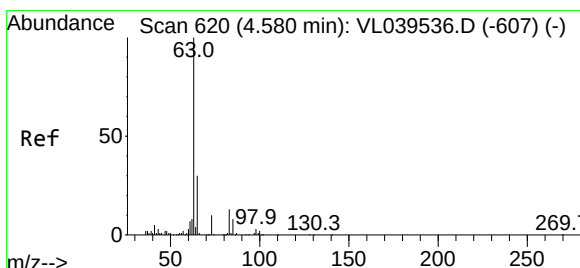
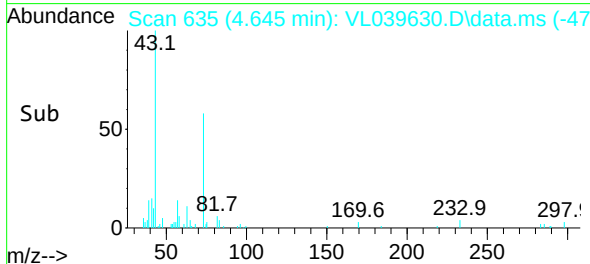
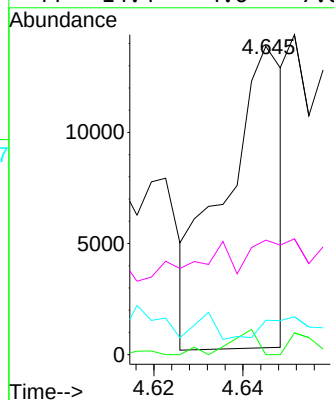
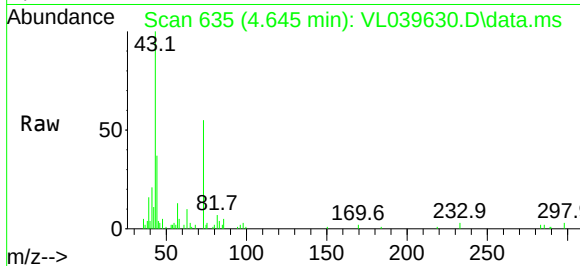


#23
 Vinyl Acetate
 Concen: 0.211 ppbv
 RT: 4.645 min Scan# 616
 Delta R.T. 0.007 min
 Lab File: VL039630.D
 Acq: 19 Sep 2022 11:01

Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDIC0.5

Tgt Ion: 43 Resp: 12423

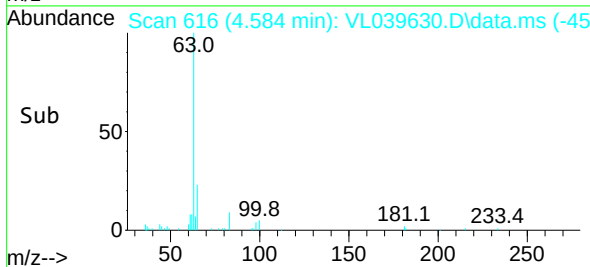
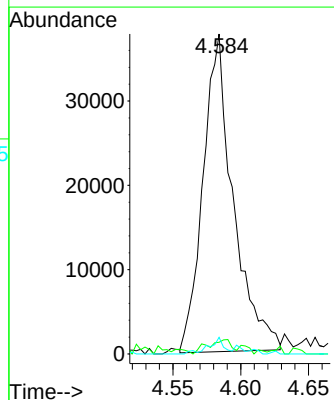
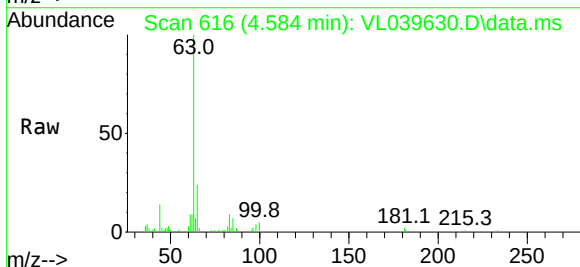
Ion	Ratio	Lower	Upper
43	100		
86	0.0	5.0	7.6#
42	8.9	7.7	11.5
44	14.4	4.6	7.0#

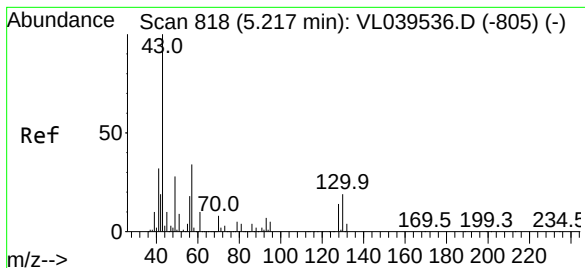


#24
 1,1-Dichloroethane
 Concen: 0.499 ppbv
 RT: 4.584 min Scan# 616
 Delta R.T. 0.004 min
 Lab File: VL039630.D
 Acq: 19 Sep 2022 11:01

Tgt Ion: 63 Resp: 58398

Ion	Ratio	Lower	Upper
63	100		
98	2.2	1.8	5.3
100	5.3	1.5	4.4#



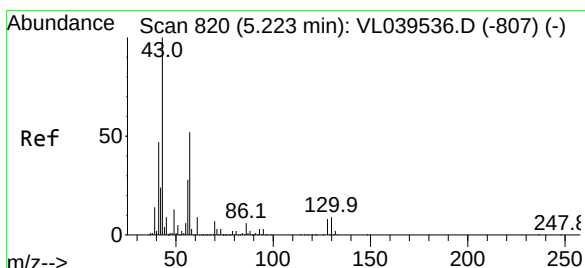
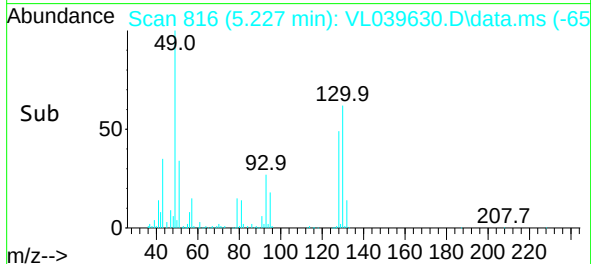
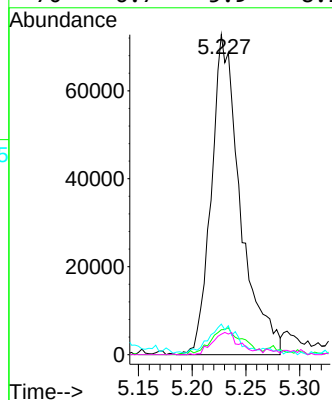
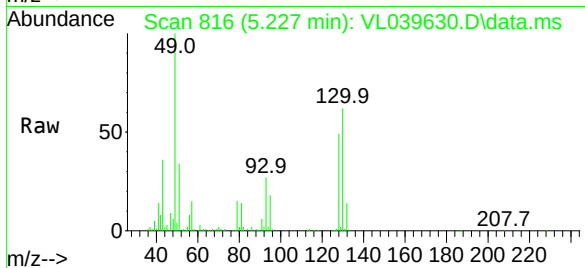


#25
Ethyl Acetate
Concen: 0.482 ppbv
RT: 5.227 min Scan# 816
Delta R.T. 0.010 min
Lab File: VL039630.D
Acq: 19 Sep 2022 11:01

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 43 Resp: 136803

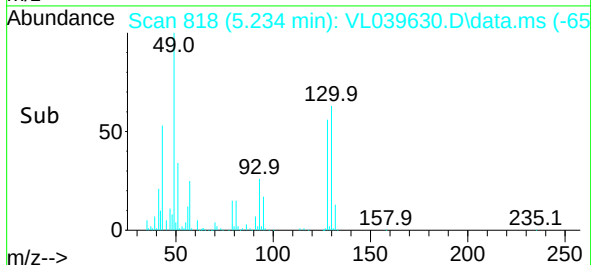
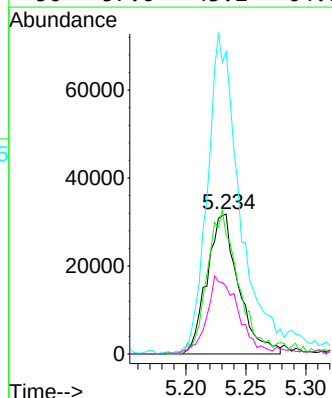
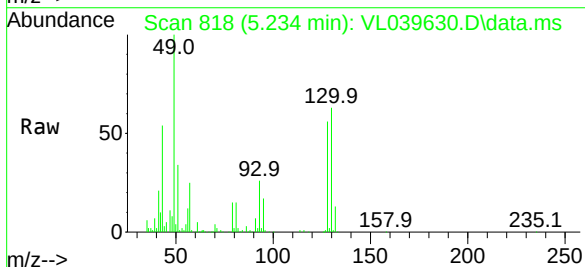
Ion	Ratio	Lower	Upper
43	100		
45	11.3	8.2	12.4
61	11.3	8.3	12.5
70	6.7	5.9	8.9

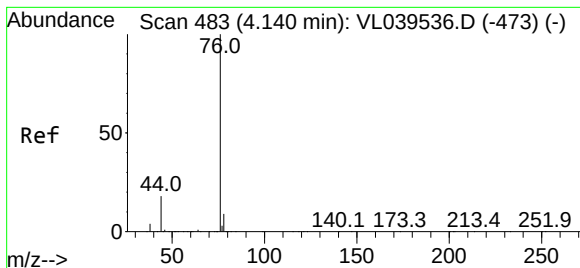


#26
Hexane
Concen: 0.485 ppbv
RT: 5.234 min Scan# 818
Delta R.T. 0.010 min
Lab File: VL039630.D
Acq: 19 Sep 2022 11:01

Tgt Ion: 57 Resp: 58350

Ion	Ratio	Lower	Upper
57	100		
41	107.8	76.9	115.3
43	252.5	191.0	286.6
56	57.6	43.2	64.8





#27

Carbon Disulfide

Concen: 0.393 ppbv

RT: 4.144 min Scan# 41

Delta R.T. 0.004 min

Lab File: VL039630.D

Acq: 19 Sep 2022 11:01

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC0.5

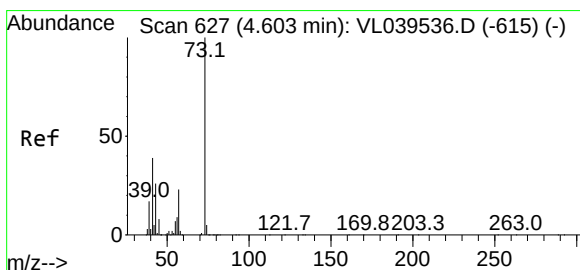
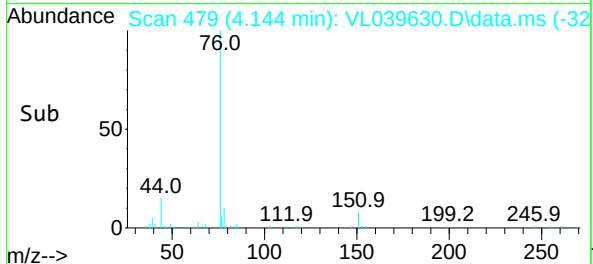
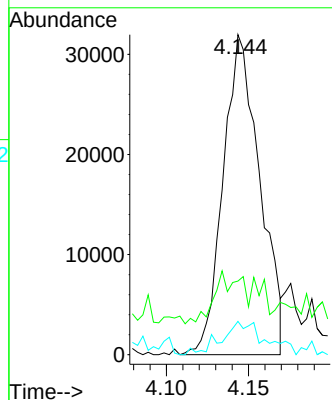
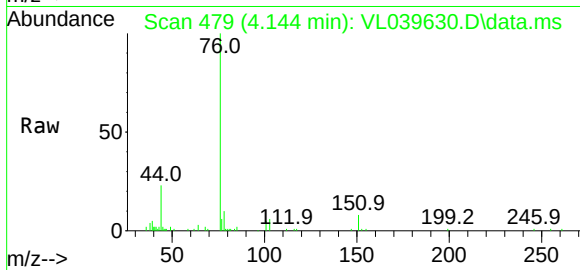
Tgt Ion: 76 Resp: 49672

Ion Ratio Lower Upper

76 100

44 14.0 14.6 21.8#

78 12.1 7.8 11.6#



#28

Methyl tert-Butyl Ether

Concen: 0.443 ppbv

RT: 4.619 min Scan# 627

Delta R.T. 0.017 min

Lab File: VL039630.D

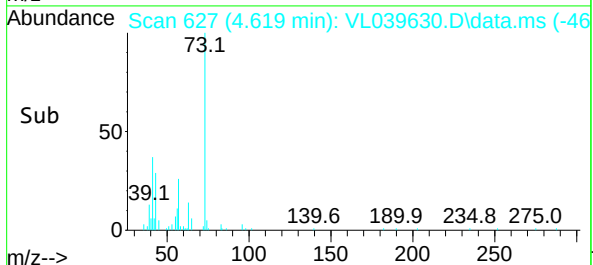
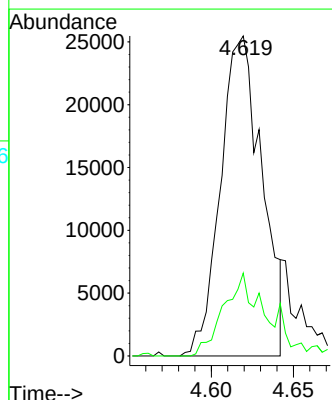
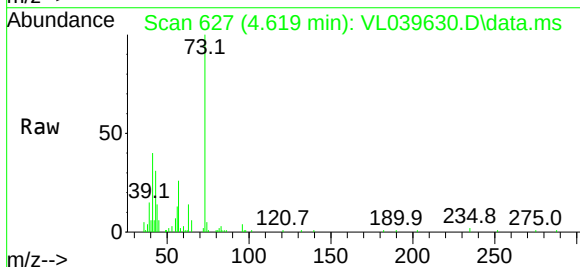
Acq: 19 Sep 2022 11:01

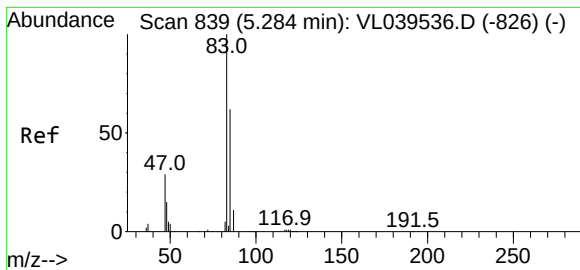
Tgt Ion: 73 Resp: 44761

Ion Ratio Lower Upper

73 100

57 27.9 19.8 29.8

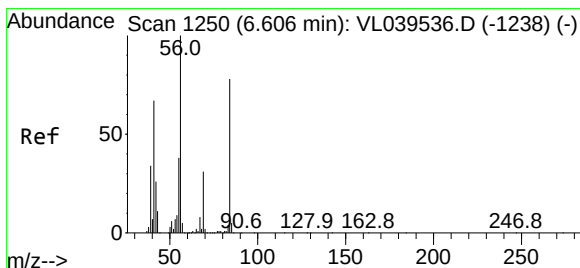
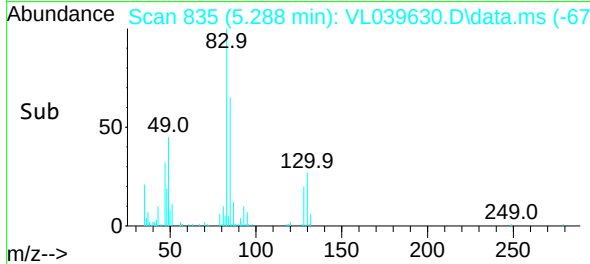
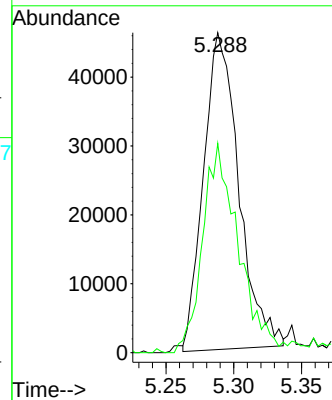
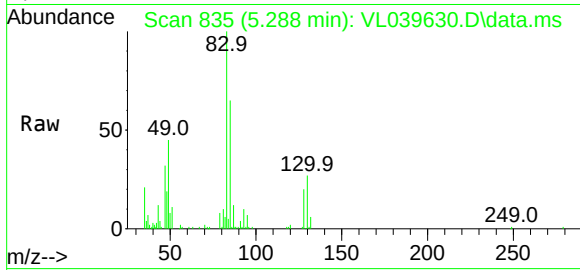




#29
Chloroform
Concen: 0.479 ppbv
RT: 5.288 min Scan# 81
Delta R.T. 0.004 min
Lab File: VL039630.D
Acq: 19 Sep 2022 11:01

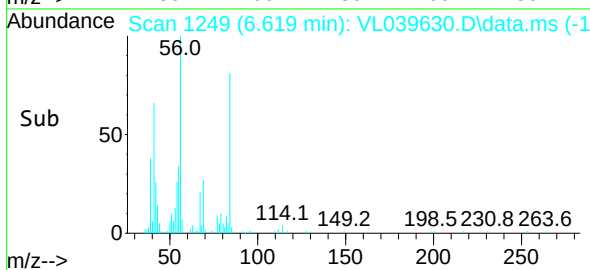
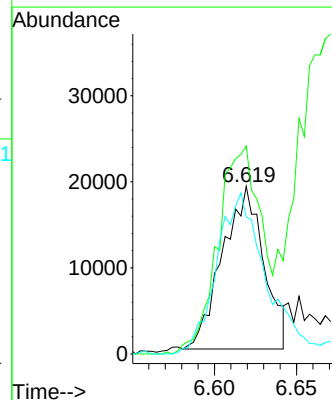
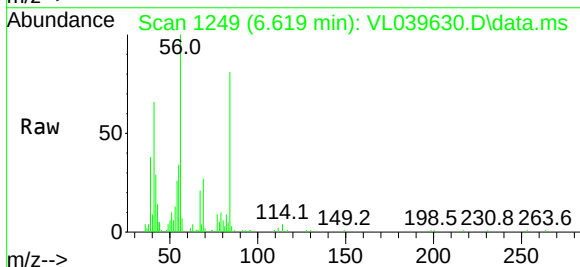
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

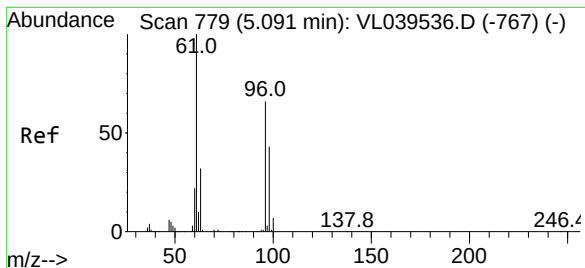
Tgt Ion: 83 Resp: 83205
Ion Ratio Lower Upper
83 100
85 63.4 52.8 79.2



#30
Cyclohexane
Concen: 0.356 ppbv
RT: 6.619 min Scan# 1249
Delta R.T. 0.013 min
Lab File: VL039630.D
Acq: 19 Sep 2022 11:01

Tgt Ion: 84 Resp: 33213
Ion Ratio Lower Upper
84 100
56 147.2 107.7 161.5
41 123.4 67.7 101.5#

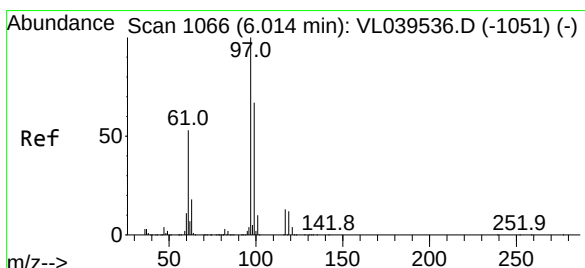
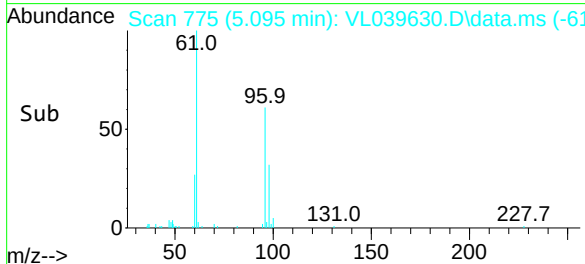
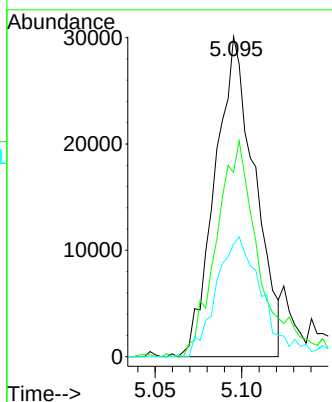
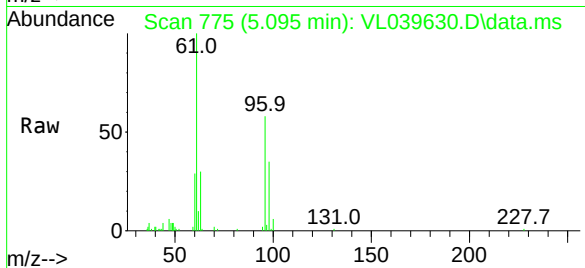




#31
 cis-1,2-Dichloroethene
 Concen: 0.442 ppbv
 RT: 5.095 min Scan# 71
 Delta R.T. 0.004 min
 Lab File: VL039630.D
 Acq: 19 Sep 2022 11:01

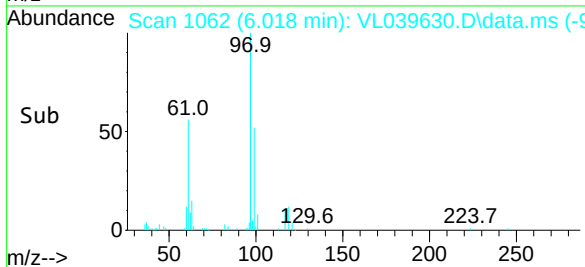
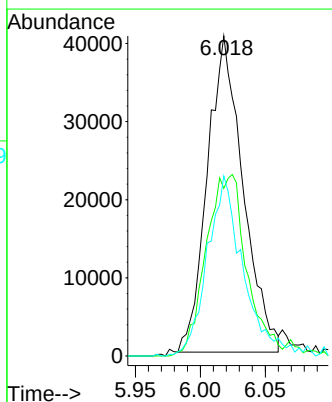
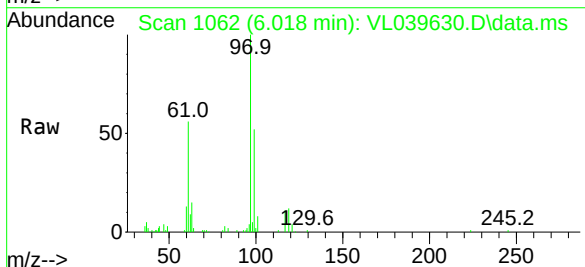
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5

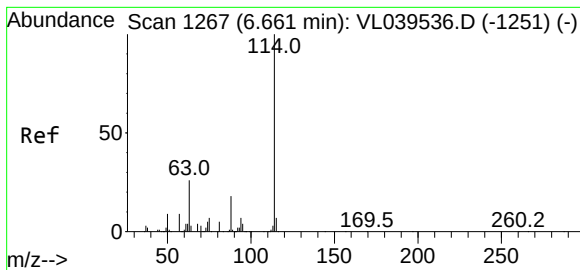
Tgt Ion: 61 Resp: 48081
 Ion Ratio Lower Upper
 61 100
 96 60.2 54.1 81.1
 98 34.7 34.6 52.0



#32
 1,1,1-Trichloroethane
 Concen: 0.494 ppbv
 RT: 6.018 min Scan# 1062
 Delta R.T. 0.004 min
 Lab File: VL039630.D
 Acq: 19 Sep 2022 11:01

Tgt Ion: 97 Resp: 77644
 Ion Ratio Lower Upper
 97 100
 99 67.5 52.3 78.5
 61 57.7 40.9 61.3



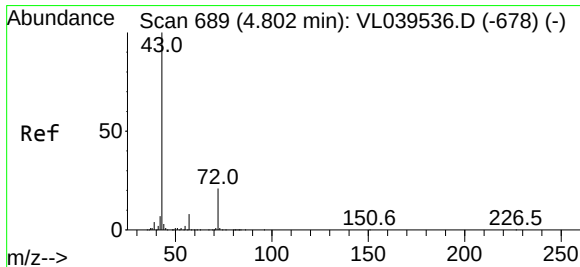
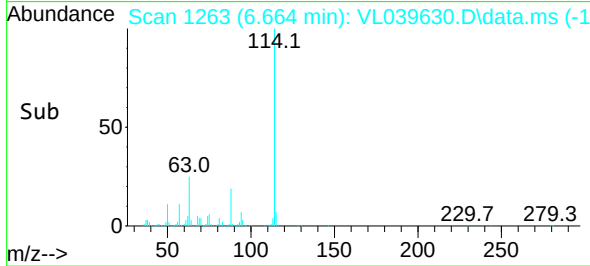
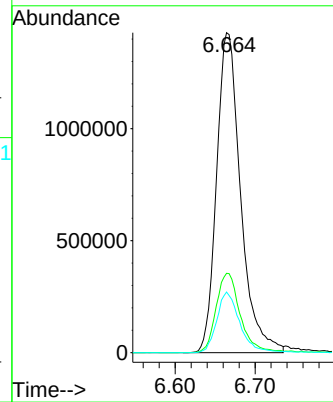
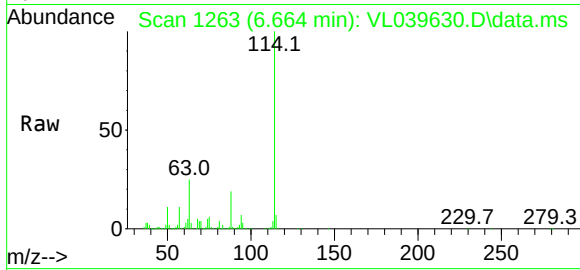


#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 6.664 min Scan# 11
 Delta R.T. 0.004 min
 Lab File: VL039630.D
 Acq: 19 Sep 2022 11:01

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5

Tgt Ion:114 Resp: 2979602

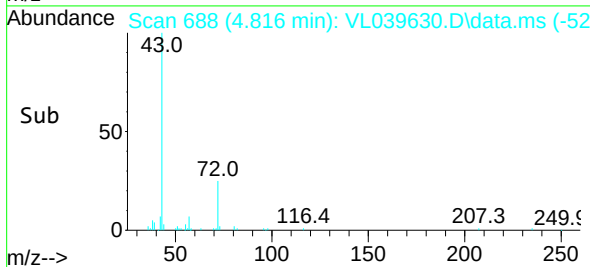
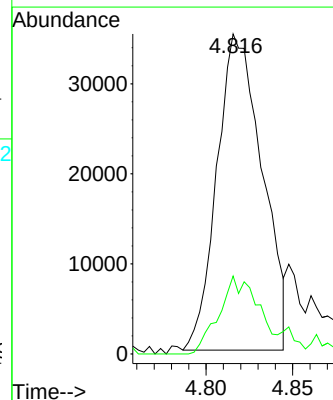
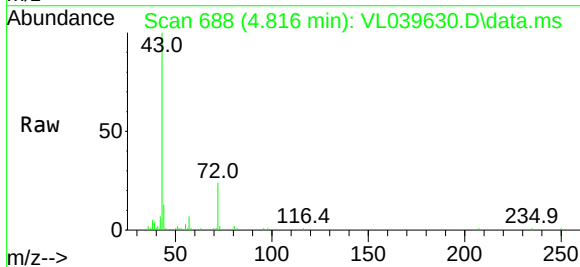
Ion	Ratio	Lower	Upper
114	100		
63	25.3	20.2	30.4
88	18.4	14.5	21.7

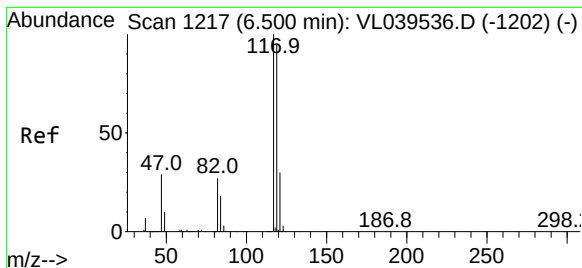


#34
 2-Butanone
 Concen: 0.437 ppbv
 RT: 4.816 min Scan# 688
 Delta R.T. 0.013 min
 Lab File: VL039630.D
 Acq: 19 Sep 2022 11:01

Tgt Ion: 43 Resp: 63922

Ion	Ratio	Lower	Upper
43	100		
72	27.6	17.9	26.9#





#35

Carbon Tetrachloride

Concen: 0.509 ppbv

RT: 6.504 min Scan# 117

Delta R.T. 0.004 min

Lab File: VL039630.D

Acq: 19 Sep 2022 11:01

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC0.5

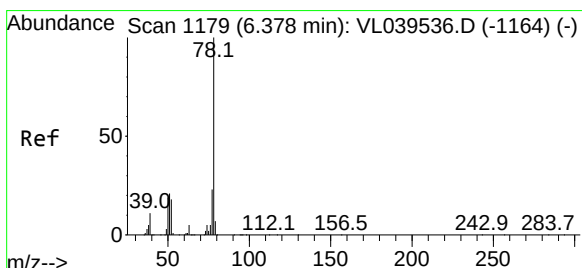
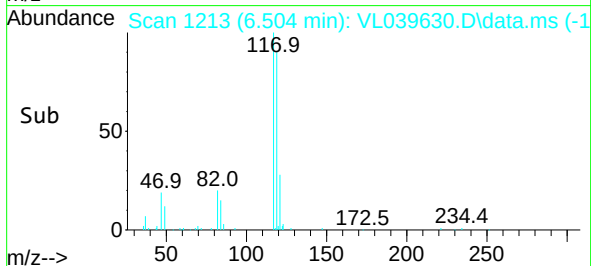
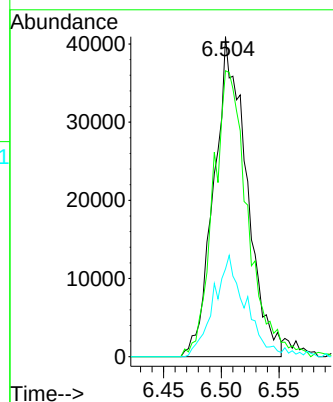
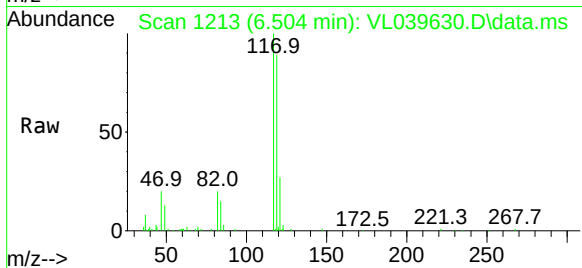
Tgt Ion:117 Resp: 80541

Ion Ratio Lower Upper

117 100

119 89.4 75.4 113.2

121 27.4 24.2 36.2



#36

Benzene

Concen: 0.458 ppbv

RT: 6.381 min Scan# 1175

Delta R.T. 0.004 min

Lab File: VL039630.D

Acq: 19 Sep 2022 11:01

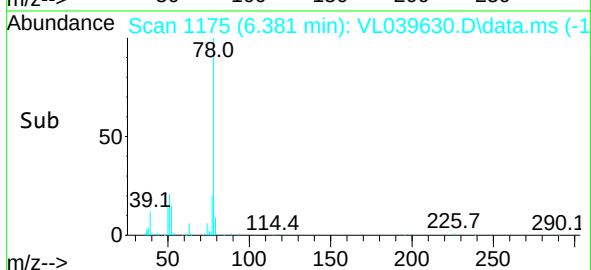
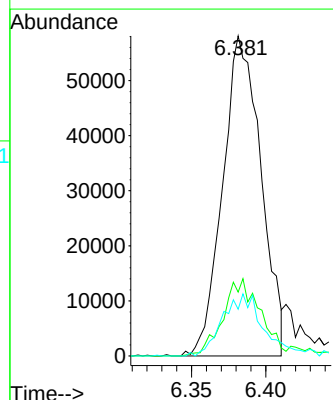
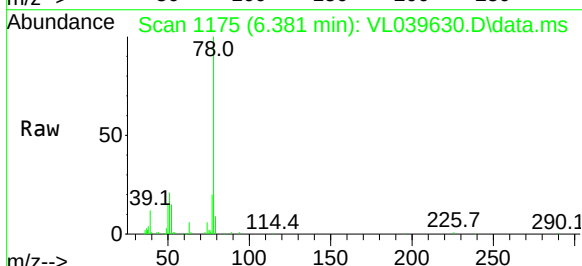
Tgt Ion: 78 Resp: 104313

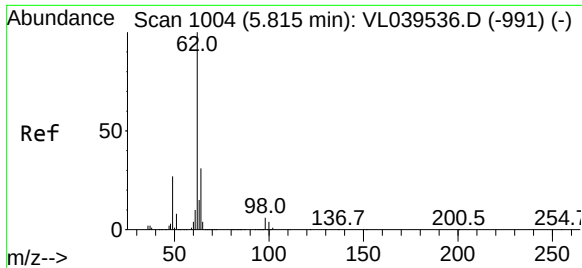
Ion Ratio Lower Upper

78 100

77 20.0 20.3 30.5#

50 14.6 15.5 23.3#

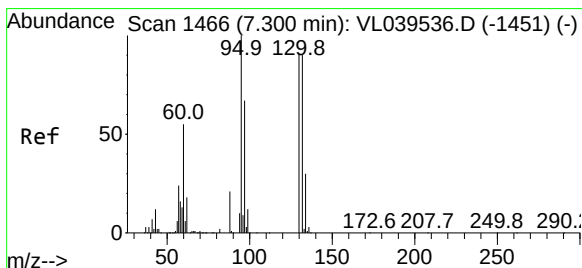
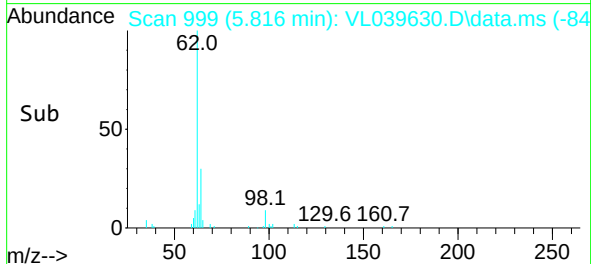
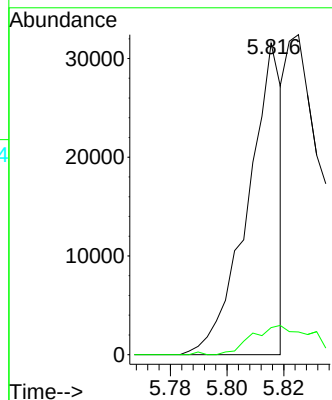
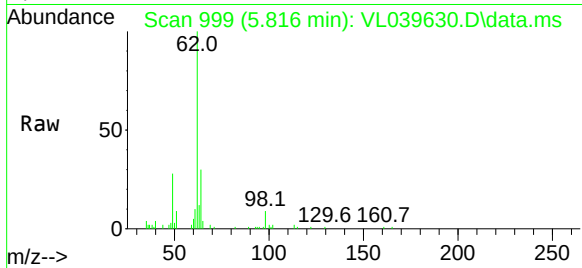




#37
1,2-Dichloroethane
Concen: 0.212 ppbv
RT: 5.816 min Scan# 999
Delta R.T. 0.001 min
Lab File: VL039630.D
Acq: 19 Sep 2022 11:01

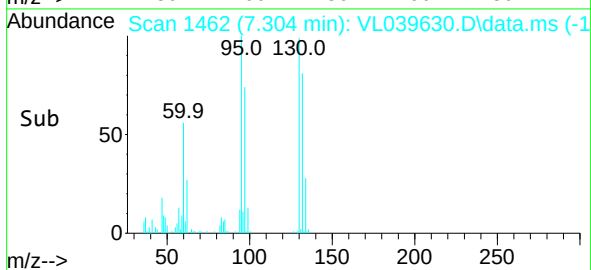
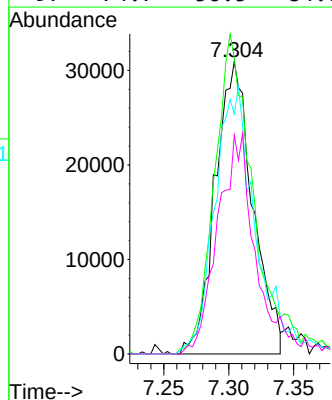
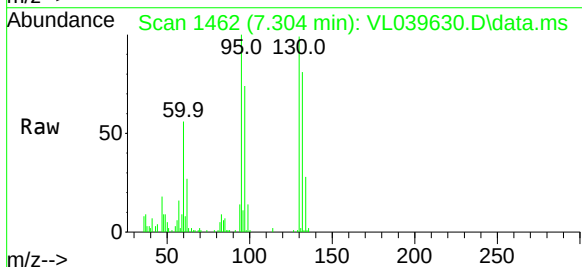
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

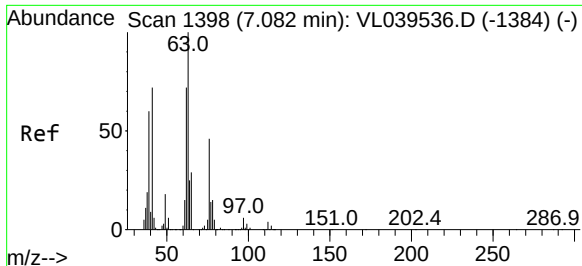
Tgt Ion: 62 Resp: 26331
Ion Ratio Lower Upper
62 100
98 20.9 5.1 7.7#



#38
Trichloroethene
Concen: 0.502 ppbv
RT: 7.304 min Scan# 1462
Delta R.T. 0.004 min
Lab File: VL039630.D
Acq: 19 Sep 2022 11:01

Tgt Ion:130 Resp: 61840
Ion Ratio Lower Upper
130 100
95 99.5 87.3 130.9
132 81.0 76.7 115.1
97 74.7 56.5 84.7

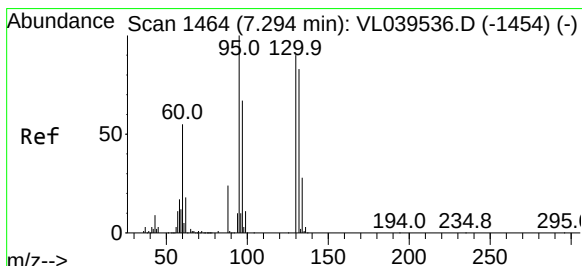
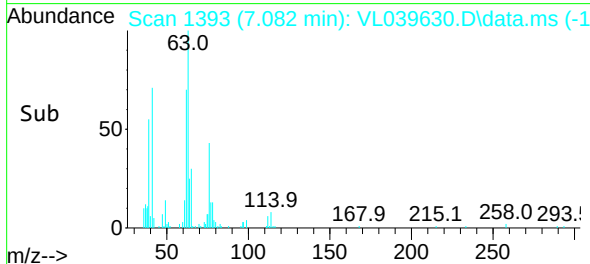
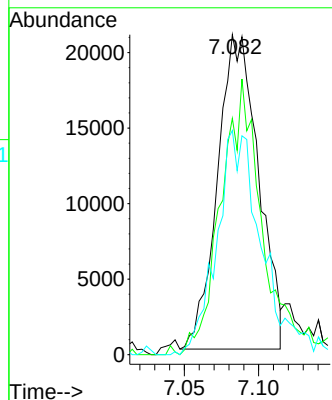
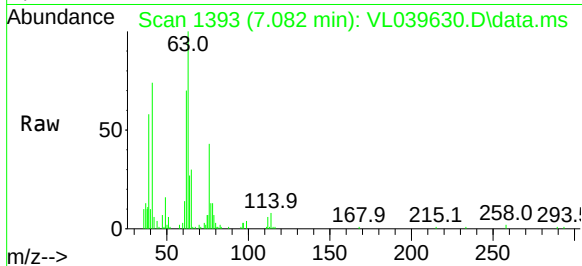




#39
1,2-Dichloropropane
Concen: 0.455 ppbv
RT: 7.082 min Scan# 11
Delta R.T. 0.001 min
Lab File: VL039630.D
Acq: 19 Sep 2022 11:01

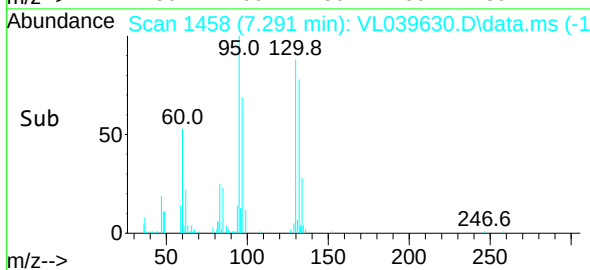
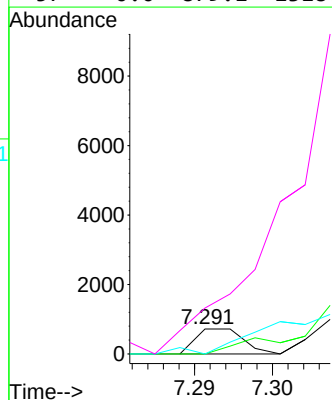
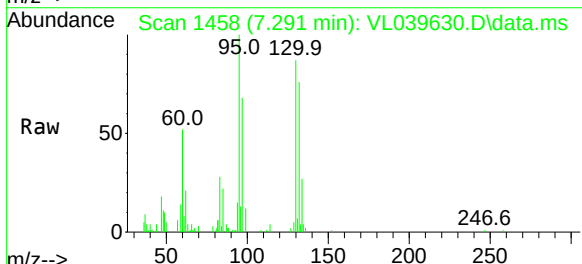
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

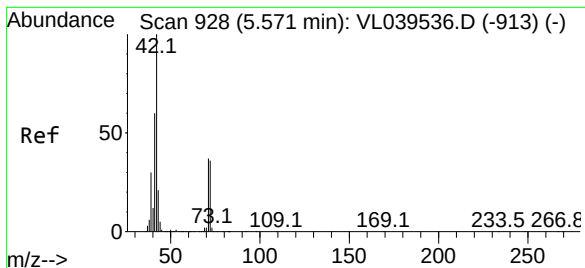
Tgt Ion: 63 Resp: 39995
Ion Ratio Lower Upper
63 100
41 75.2 59.6 89.4
62 71.3 51.4 77.0



#40
1,4-Dioxane
Concen: 0.009 ppbv
RT: 7.291 min Scan# 1458
Delta R.T. -0.003 min
Lab File: VL039630.D
Acq: 19 Sep 2022 11:01

Tgt Ion: 88 Resp: 309
Ion Ratio Lower Upper
88 100
58 0.0 100.2 150.4#
43 0.0 205.8 308.6#
57 0.0 879.1 1318.7#

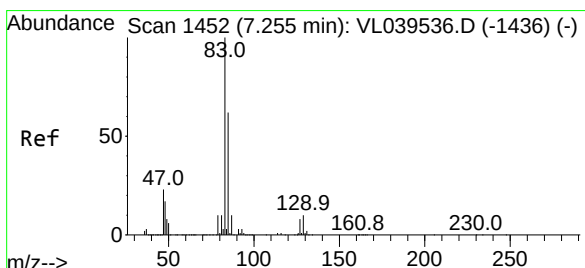
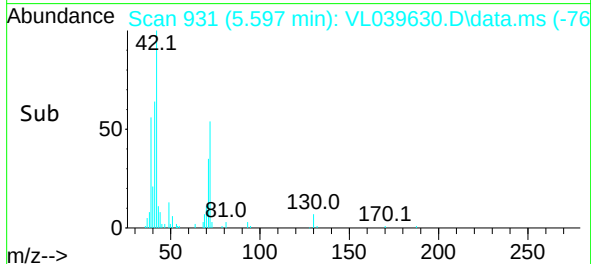
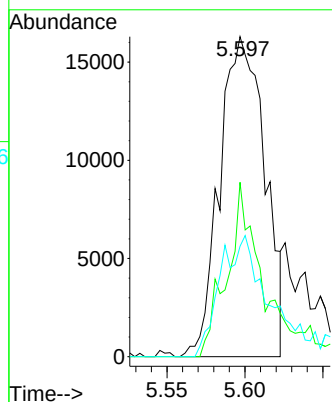
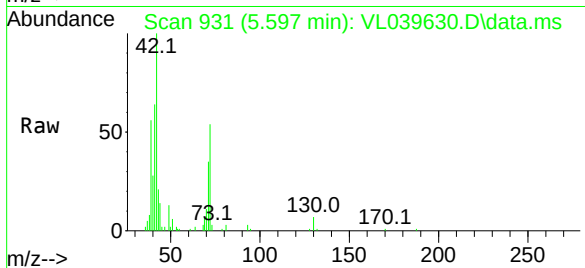




#41
Tetrahydrofuran
Concen: 0.365 ppbv
RT: 5.597 min Scan# 91
Delta R.T. 0.026 min
Lab File: VL039630.D
Acq: 19 Sep 2022 11:01

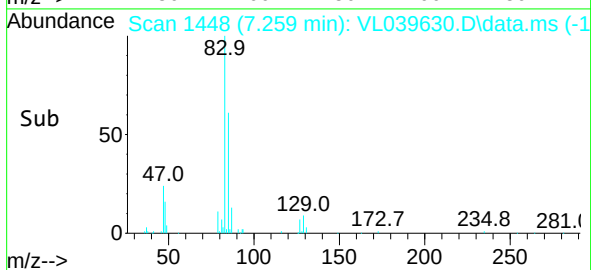
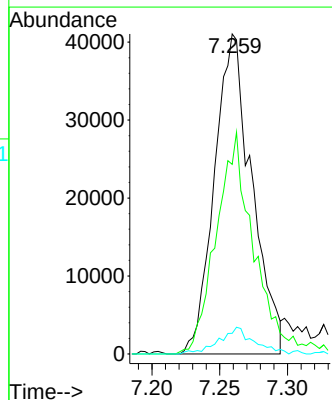
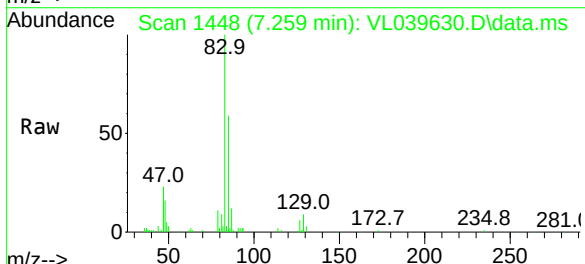
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

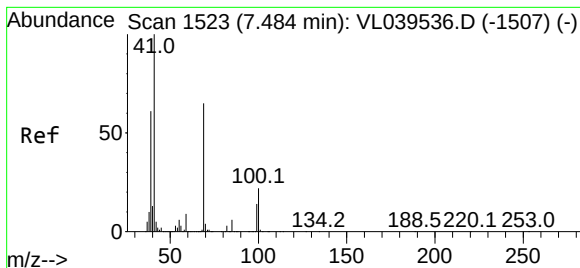
Tgt Ion:	42	Resp:	32792
Ion	Ratio	Lower	Upper
42	100		
72	47.0	31.8	47.8
71	45.8	31.8	47.8



#42
Bromodichloromethane
Concen: 0.457 ppbv
RT: 7.259 min Scan# 1448
Delta R.T. 0.004 min
Lab File: VL039630.D
Acq: 19 Sep 2022 11:01

Tgt Ion:	83	Resp:	78819
Ion	Ratio	Lower	Upper
83	100		
85	58.6	50.7	76.1
127	6.5	6.6	9.8





#43

Methyl Methacrylate

Concen: 0.194 ppbv

RT: 7.491 min Scan# 11

Delta R.T. 0.007 min

Lab File: VL039630.D

Acq: 19 Sep 2022 11:01

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.5

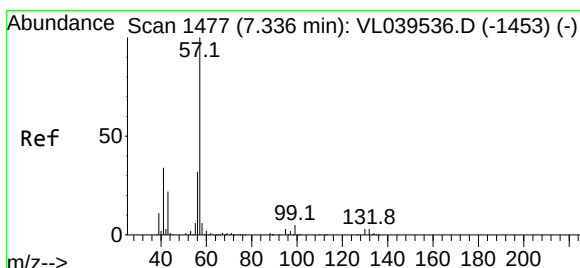
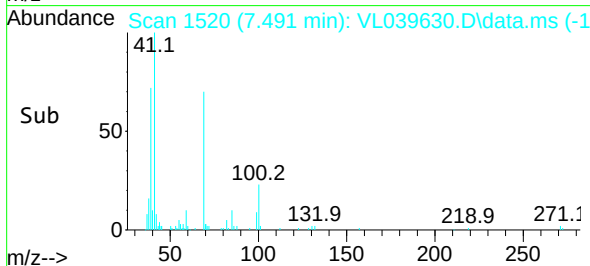
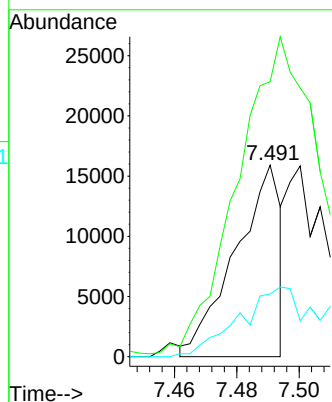
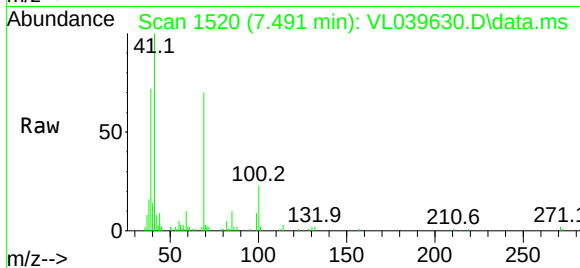
Tgt Ion: 69 Resp: 16078

Ion Ratio Lower Upper

69 100

41 350.1 120.8 181.2#

100 79.1 27.8 41.6#



#44

2,2,4-Trimethylpentane

Concen: 0.475 ppbv

RT: 7.340 min Scan# 1473

Delta R.T. 0.004 min

Lab File: VL039630.D

Acq: 19 Sep 2022 11:01

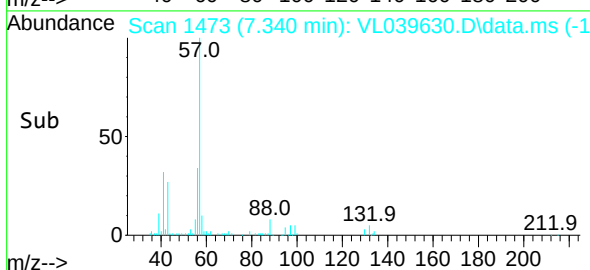
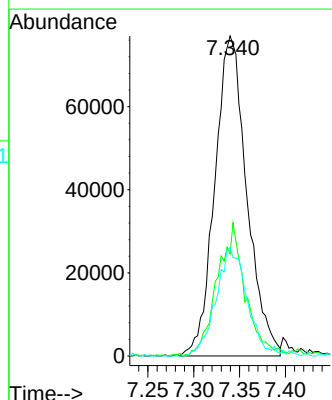
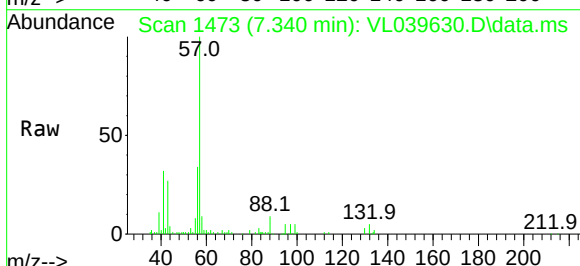
Tgt Ion: 57 Resp: 186598

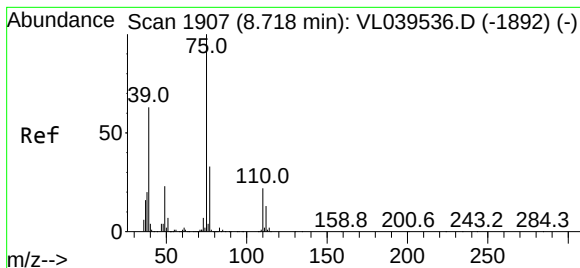
Ion Ratio Lower Upper

57 100

41 37.8 27.4 41.2

56 33.5 24.5 36.7

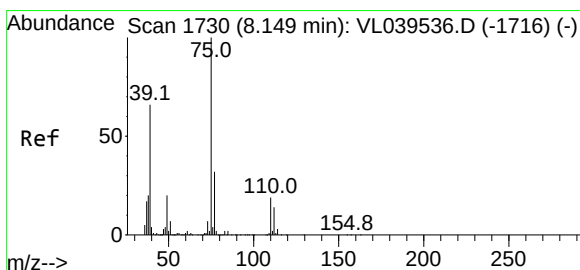
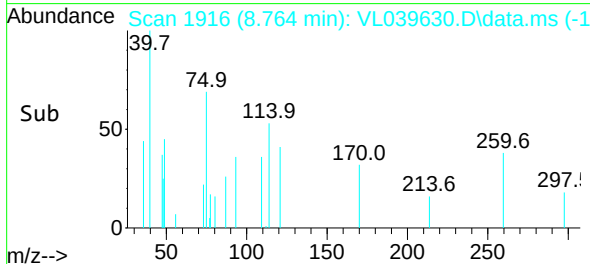
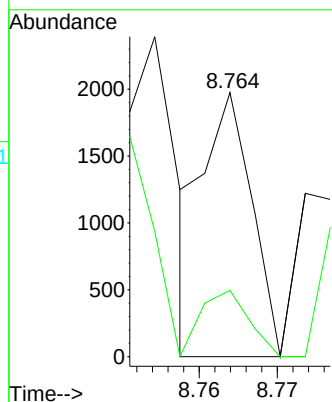
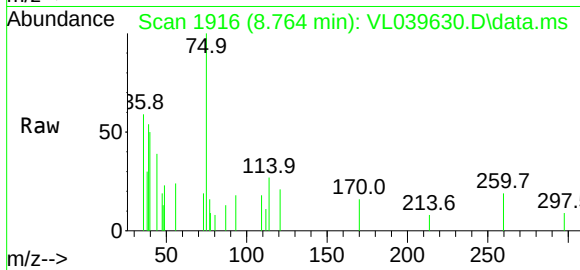




#45
 t-1,3-Dichloropropene
 Concen: 0.012 ppbv
 RT: 8.764 min Scan# 1907
 Delta R.T. 0.046 min
 Lab File: VL039630.D
 Acq: 19 Sep 2022 11:01

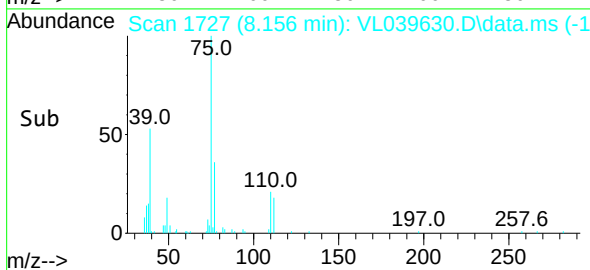
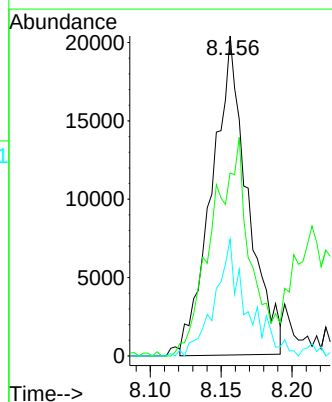
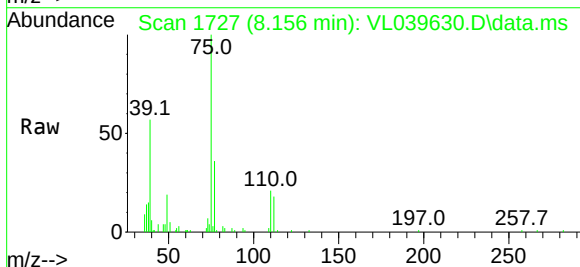
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5

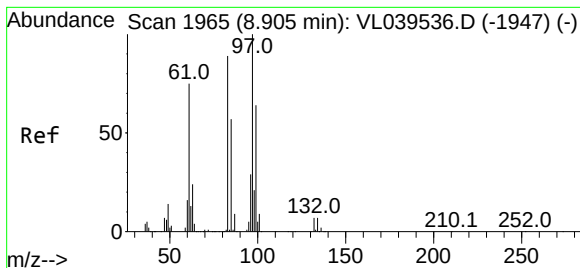
Tgt Ion: 75 Resp: 851
 Ion Ratio Lower Upper
 75 100
 77 25.1 24.6 36.8



#46
 cis-1,3-Dichloropropene
 Concen: 0.358 ppbv
 RT: 8.156 min Scan# 1727
 Delta R.T. 0.007 min
 Lab File: VL039630.D
 Acq: 19 Sep 2022 11:01

Tgt Ion: 75 Resp: 35812
 Ion Ratio Lower Upper
 75 100
 39 54.5 55.0 82.4#
 77 35.4 25.7 38.5





#47

1,1,2-Trichloroethane

Concen: 0.236 ppbv

RT: 8.905 min Scan# 1965

Delta R.T. 0.001 min

Lab File: VL039630.D

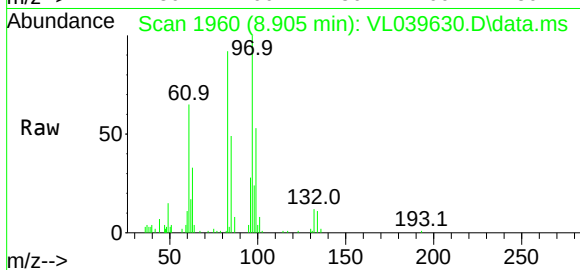
Acq: 19 Sep 2022 11:01

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.5



Tgt Ion: 97 Resp: 22694

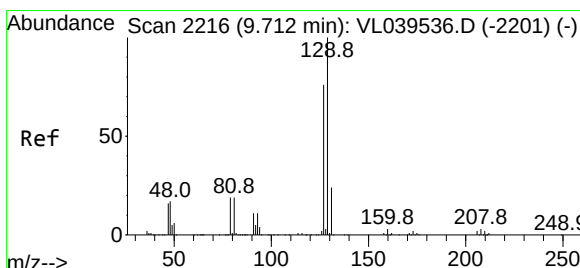
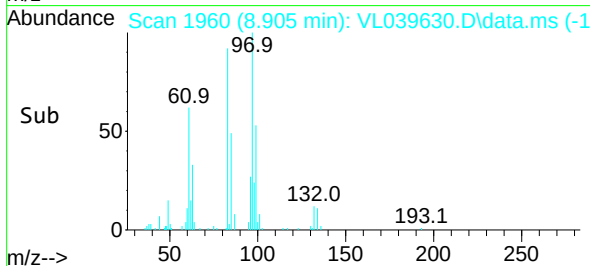
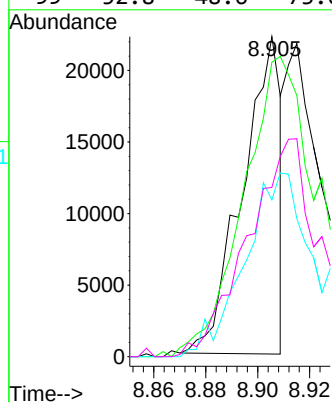
Ion Ratio Lower Upper

97 100

83 90.2 67.4 101.0

85 49.6 45.1 67.7

99 52.8 48.6 73.0



#48

Dibromochloromethane

Concen: 0.405 ppbv

RT: 9.719 min Scan# 2213

Delta R.T. 0.007 min

Lab File: VL039630.D

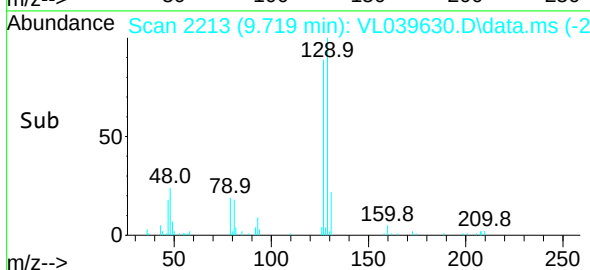
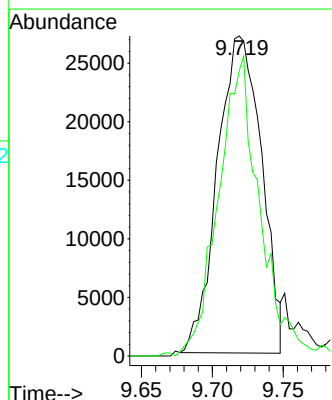
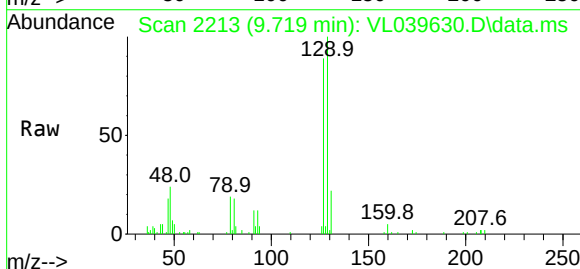
Acq: 19 Sep 2022 11:01

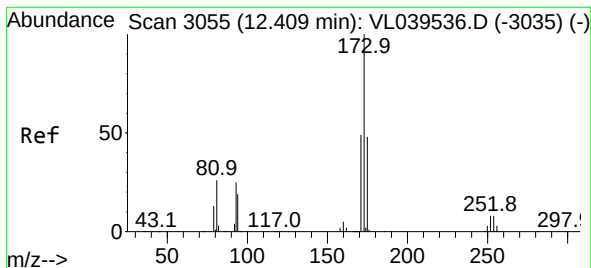
Tgt Ion: 129 Resp: 58674

Ion Ratio Lower Upper

129 100

127 89.4 39.3 117.9





#49

Bromoform

Concen: 0.231 ppbv

RT: 12.420 min Scan# 3055

Delta R.T. 0.010 min

Lab File: VL039630.D

Acq: 19 Sep 2022 11:01

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC0.5

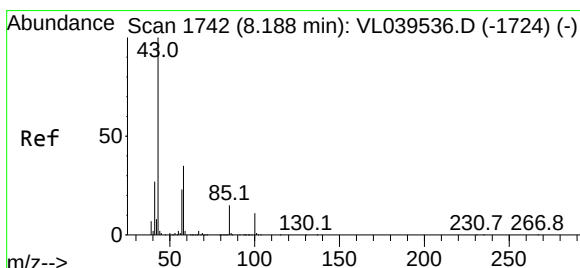
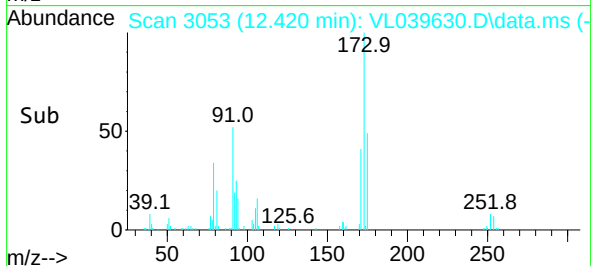
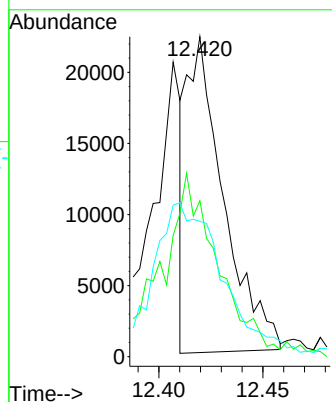
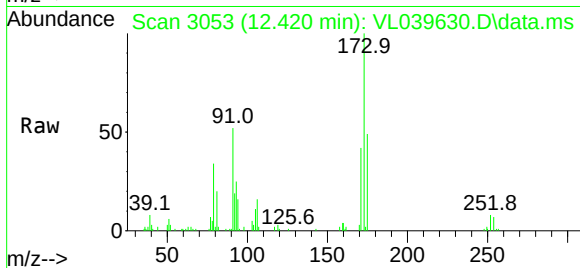
Tgt Ion:173 Resp: 27636

Ion Ratio Lower Upper

173 100

175 0.0 40.3 60.5#

171 0.0 42.9 64.3#



#50

4-Methyl-2-Pentanone

Concen: 0.412 ppbv

RT: 8.217 min Scan# 1746

Delta R.T. 0.030 min

Lab File: VL039630.D

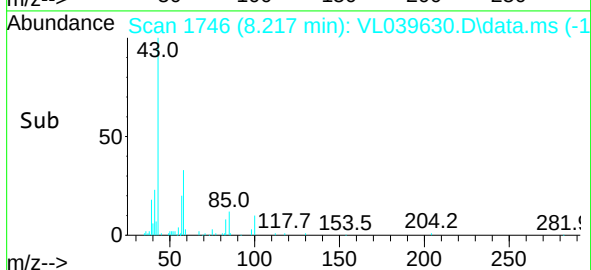
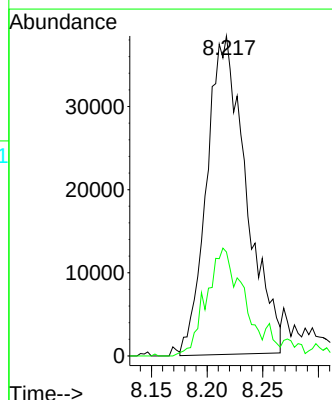
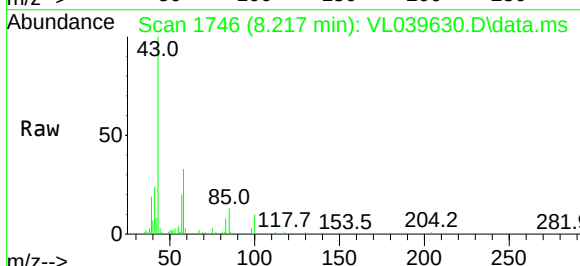
Acq: 19 Sep 2022 11:01

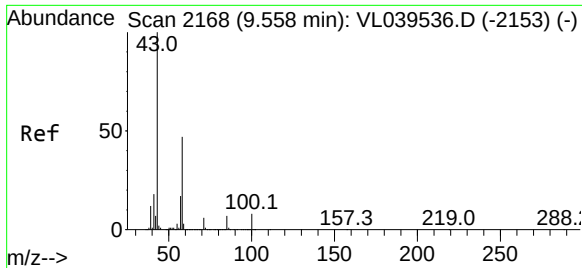
Tgt Ion: 43 Resp: 94795

Ion Ratio Lower Upper

43 100

58 36.3 28.8 43.2

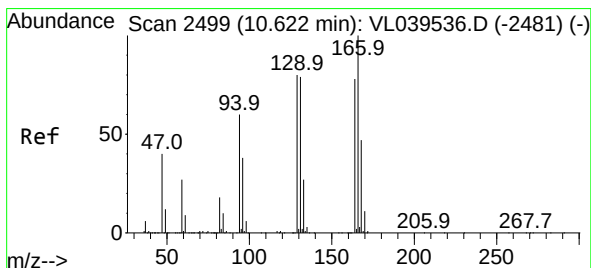
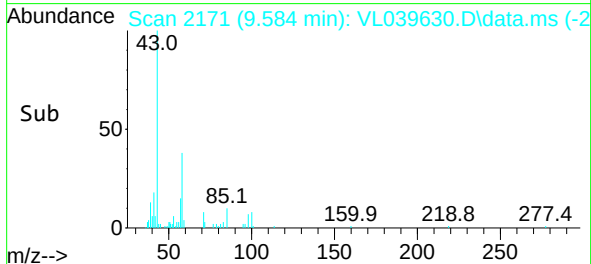
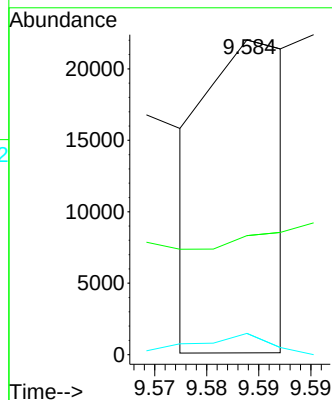
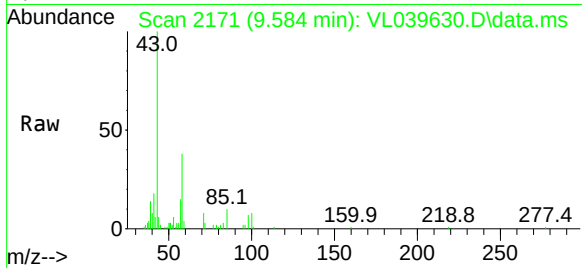




#51
2-Hexanone
Concen: 0.070 ppbv
RT: 9.584 min Scan# 2168
Delta R.T. 0.026 min
Lab File: VL039630.D
Acq: 19 Sep 2022 11:01

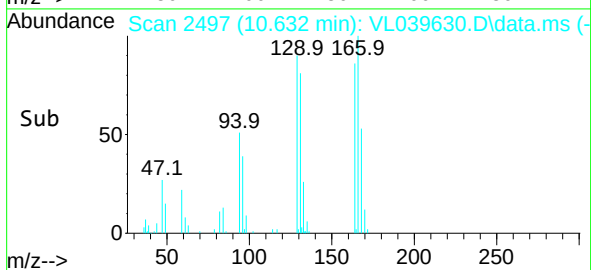
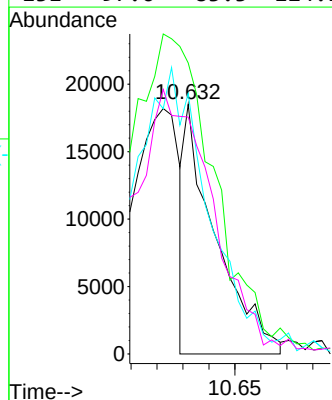
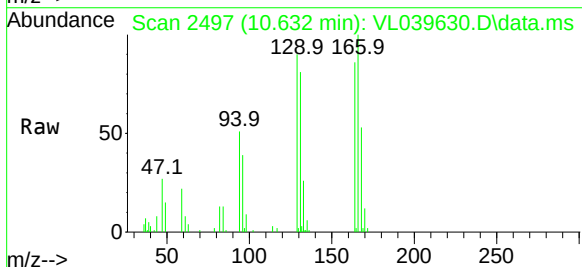
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

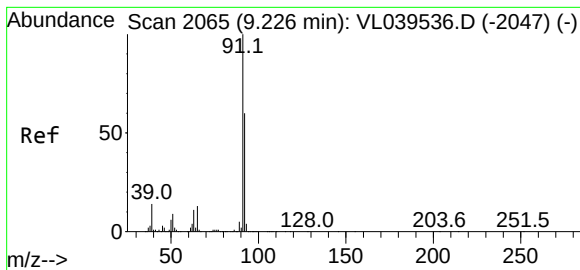
Tgt Ion: 43 Resp: 11947
Ion Ratio Lower Upper
43 100
58 0.0 38.4 57.6#
98 13.0 0.3 0.5#



#52
Tetrachloroethene
Concen: 0.176 ppbv
RT: 10.632 min Scan# 2497
Delta R.T. 0.010 min
Lab File: VL039630.D
Acq: 19 Sep 2022 11:01

Tgt Ion: 164 Resp: 15334
Ion Ratio Lower Upper
164 100
166 111.4 102.2 153.2
129 106.0 85.8 128.8
131 97.6 83.3 124.9





#53

Toluene

Concen: 0.425 ppbv

RT: 9.233 min Scan# 2065

Delta R.T. 0.007 min

Lab File: VL039630.D

Acq: 19 Sep 2022 11:01

Instrument :

MSVOA_L

ClientSampleId :

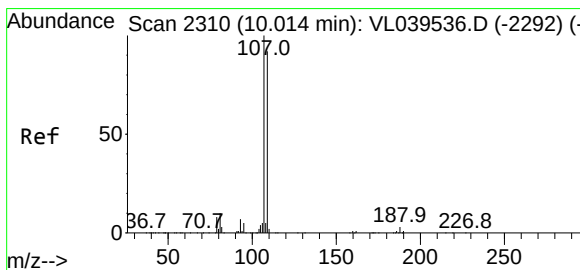
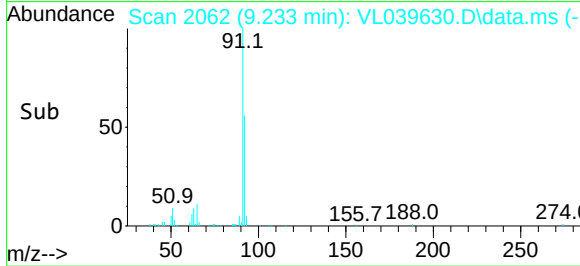
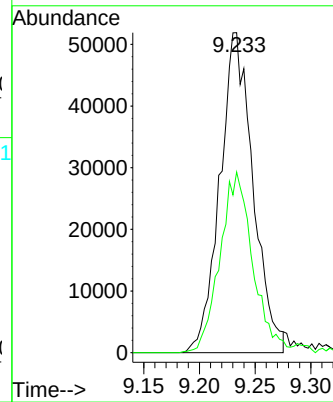
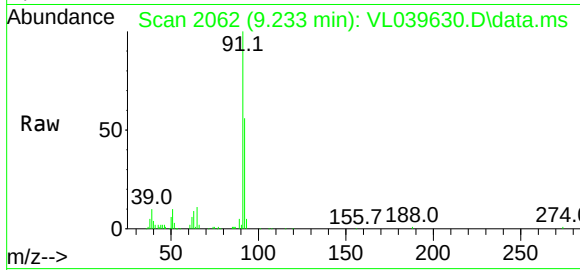
VSTDIC0.5

Tgt Ion: 91 Resp: 107627

Ion Ratio Lower Upper

91 100

92 57.6 48.2 72.2



#54

1,2-Dibromoethane

Concen: 0.490 ppbv

RT: 10.015 min Scan# 2305

Delta R.T. 0.001 min

Lab File: VL039630.D

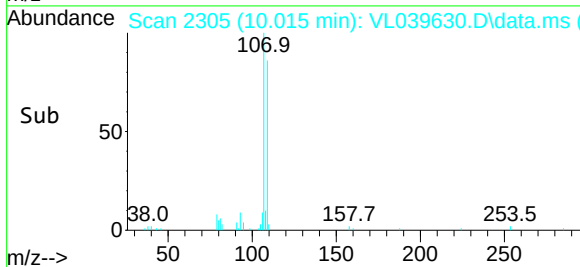
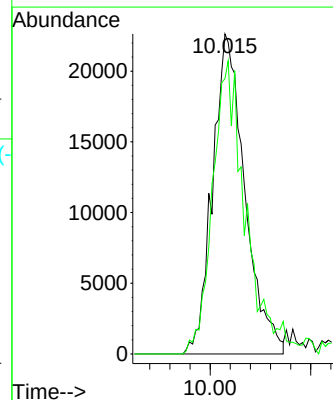
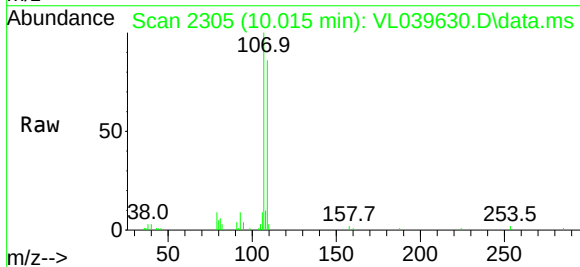
Acq: 19 Sep 2022 11:01

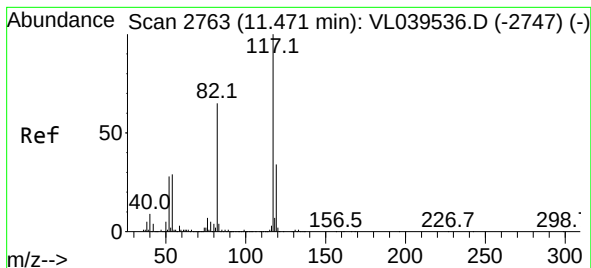
Tgt Ion: 107 Resp: 50354

Ion Ratio Lower Upper

107 100

109 86.1 74.8 112.2





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.474 min Scan# 21

Delta R.T. 0.004 min

Lab File: VL039630.D

Acq: 19 Sep 2022 11:01

Instrument :

MSVOA_1

ClientSampleId :

VSTDIC0.5

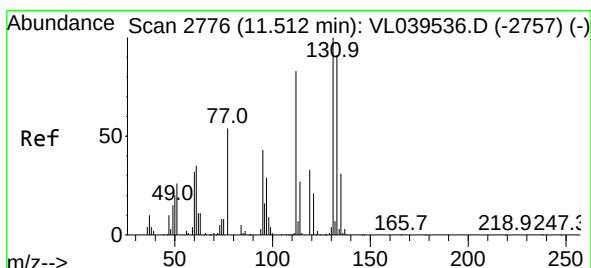
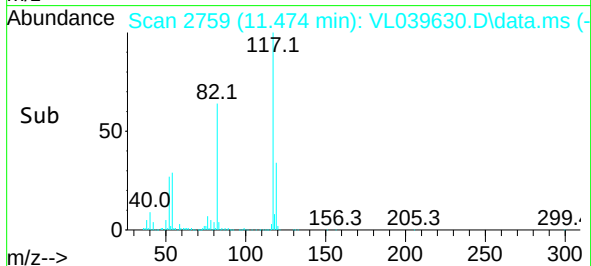
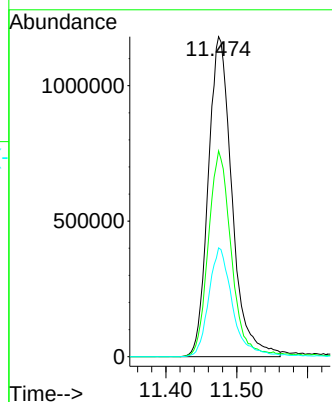
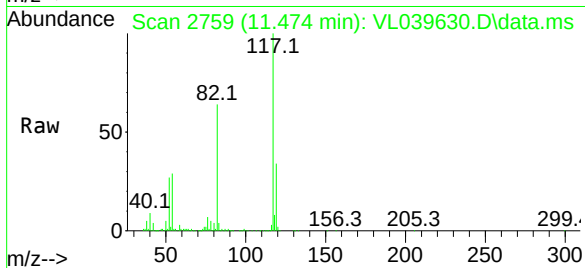
Tgt Ion:117 Resp: 2751664

Ion Ratio Lower Upper

117 100

82 62.8 50.8 76.2

119 34.5 24.1 36.1



#56

1,1,1,2-Tetrachloroethane

Concen: 0.518 ppbv

RT: 11.516 min Scan# 2772

Delta R.T. 0.004 min

Lab File: VL039630.D

Acq: 19 Sep 2022 11:01

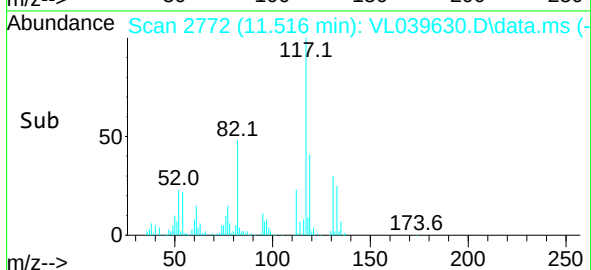
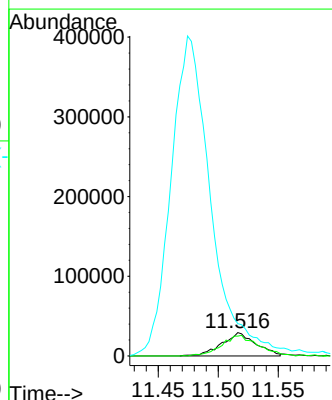
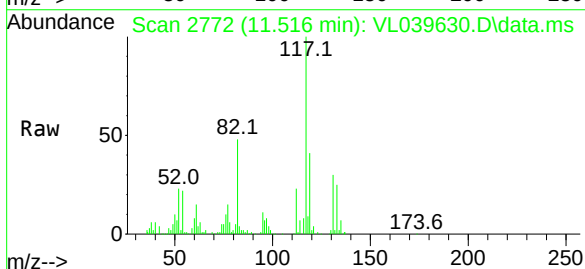
Tgt Ion:131 Resp: 57629

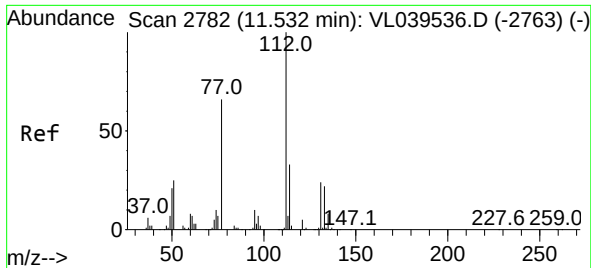
Ion Ratio Lower Upper

131 100

133 97.1 76.8 115.2

119 1647.8 46.2 69.4#

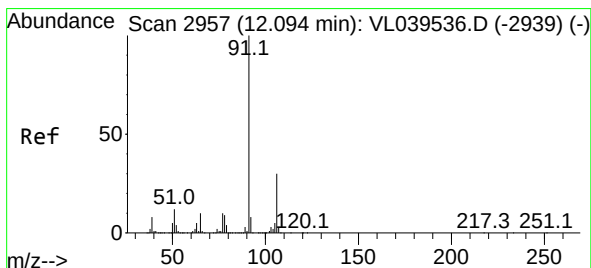
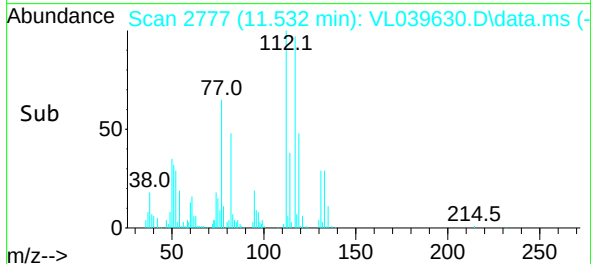
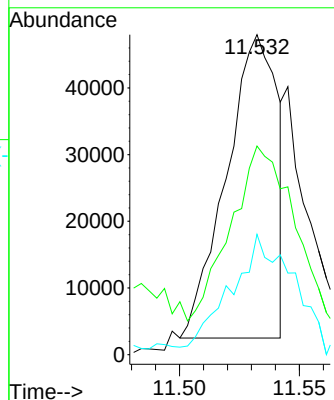
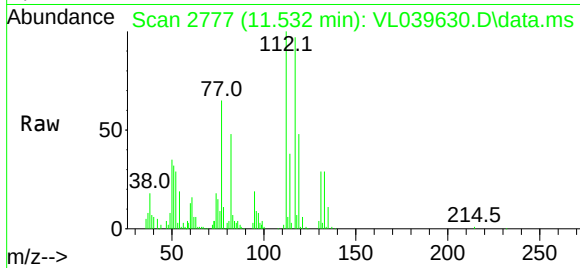




#57
Chlorobenzene
Concen: 0.332 ppbv
RT: 11.532 min Scan# 21
Delta R.T. 0.001 min
Lab File: VL039630.D
Acq: 19 Sep 2022 11:01

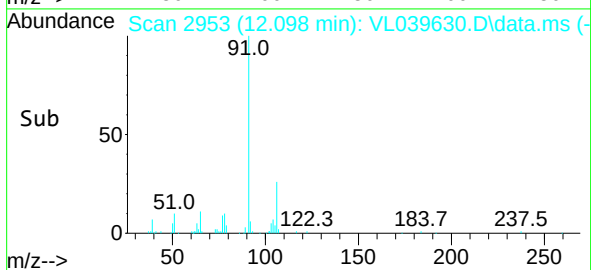
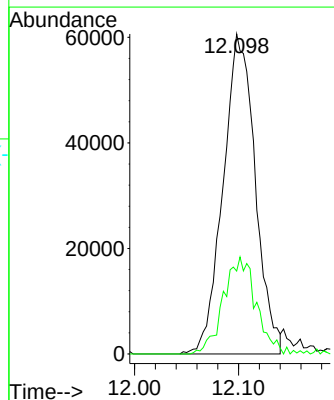
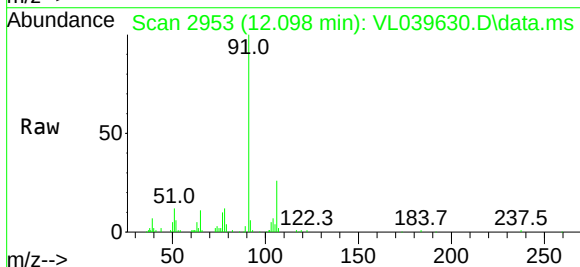
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

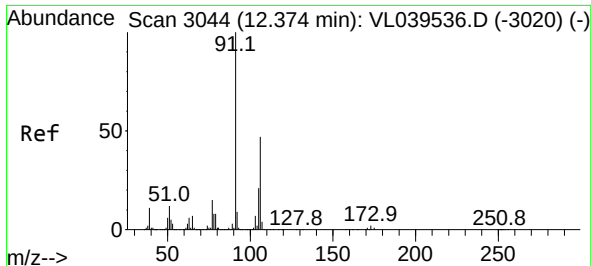
Tgt Ion:112 Resp: 67194
Ion Ratio Lower Upper
112 100
77 51.3 51.0 76.4
114 37.2 27.5 33.6#



#58
Ethyl Benzene
Concen: 0.411 ppbv
RT: 12.098 min Scan# 2953
Delta R.T. 0.004 min
Lab File: VL039630.D
Acq: 19 Sep 2022 11:01

Tgt Ion: 91 Resp: 130362
Ion Ratio Lower Upper
91 100
106 25.9 25.4 38.0





#59

m/p-Xylene

Concen: 0.444 ppbv

RT: 12.378 min Scan# 3044

Delta R.T. 0.004 min

Lab File: VL039630.D

Acq: 19 Sep 2022 11:01

Instrument :

MSVOA_L

ClientSampleId :

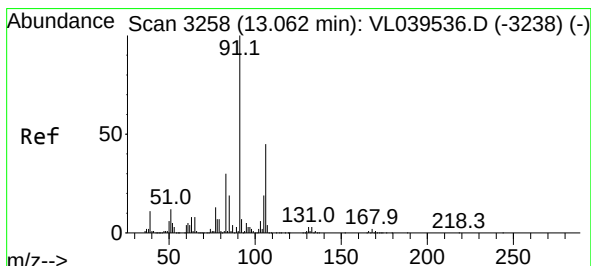
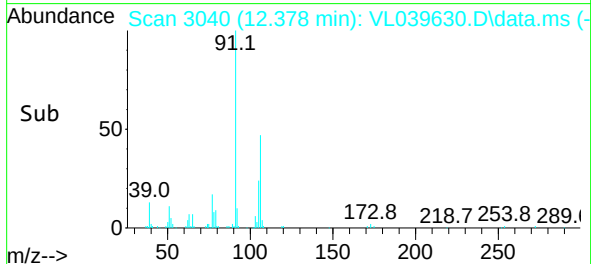
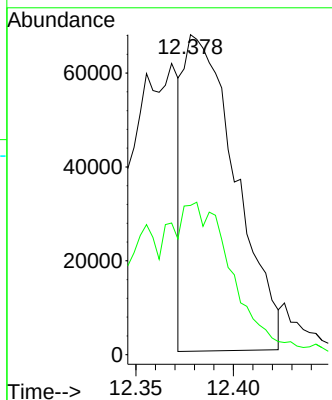
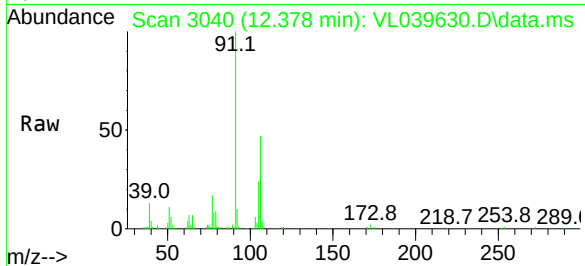
VSTDICC0.5

Tgt Ion: 91 Resp: 125380

Ion Ratio Lower Upper

91 100

106 92.4 35.4 53.2#



#60

o-Xylene

Concen: 0.446 ppbv

RT: 13.066 min Scan# 3254

Delta R.T. 0.004 min

Lab File: VL039630.D

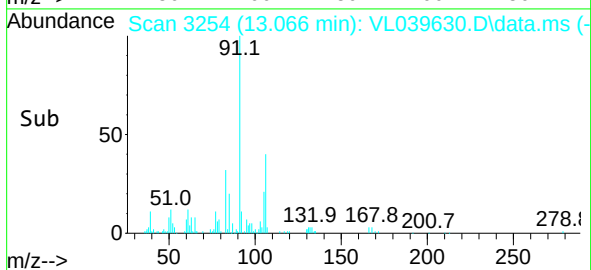
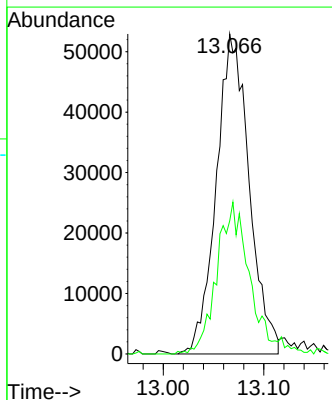
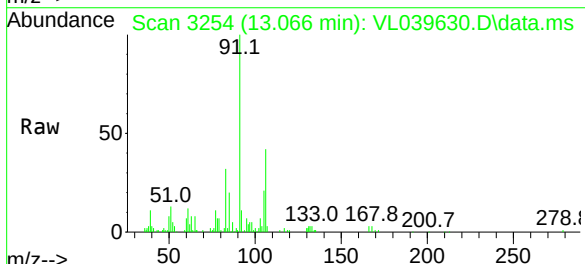
Acq: 19 Sep 2022 11:01

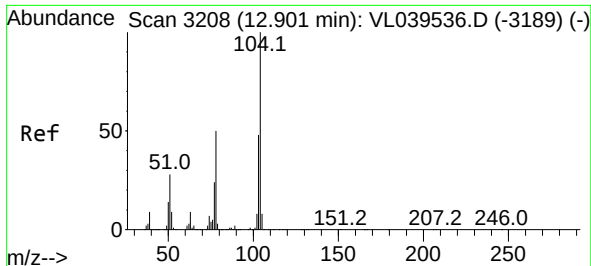
Tgt Ion: 91 Resp: 120195

Ion Ratio Lower Upper

91 100

106 48.6 22.4 67.3

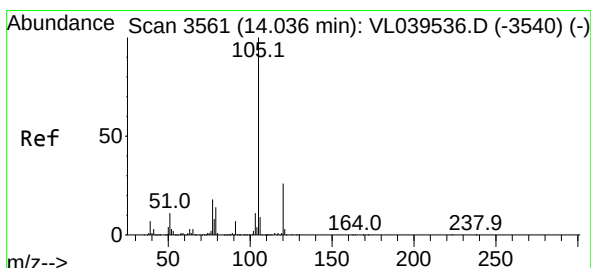
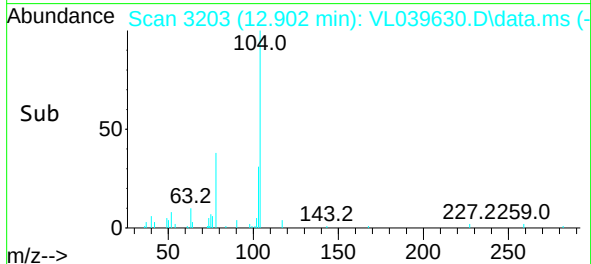
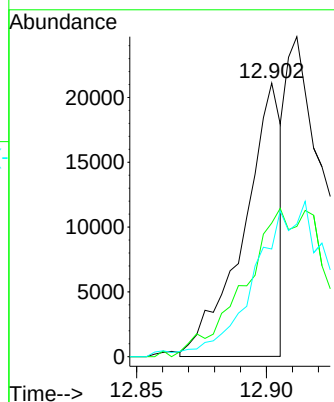
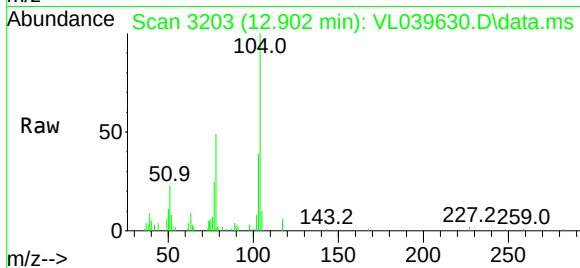




#61
Styrene
Concen: 0.147 ppbv
RT: 12.902 min Scan# 3189
Delta R.T. 0.001 min
Lab File: VL039630.D
Acq: 19 Sep 2022 11:01

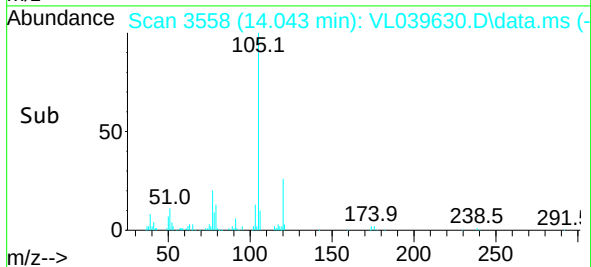
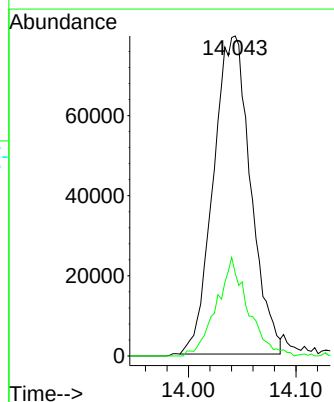
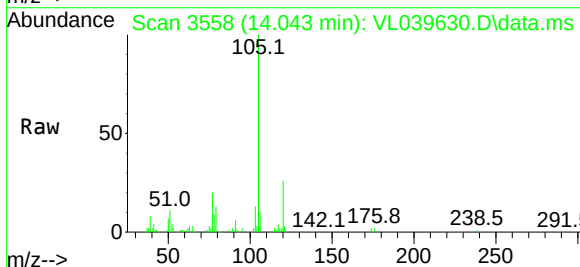
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

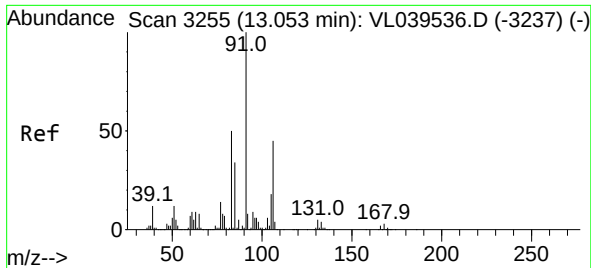
Tgt Ion:104 Resp: 21292
Ion Ratio Lower Upper
104 100
78 118.3 41.2 61.8#
103 0.0 38.7 58.1#



#62
Isopropylbenzene
Concen: 0.472 ppbv
RT: 14.043 min Scan# 3558
Delta R.T. 0.007 min
Lab File: VL039630.D
Acq: 19 Sep 2022 11:01

Tgt Ion:105 Resp: 191636
Ion Ratio Lower Upper
105 100
120 26.3 20.7 31.1

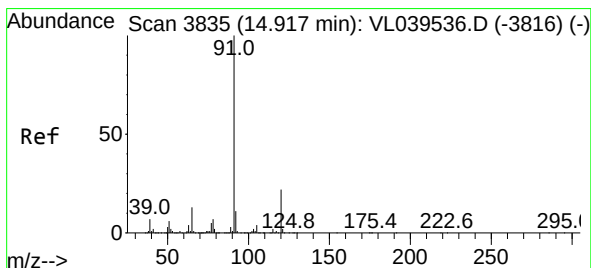
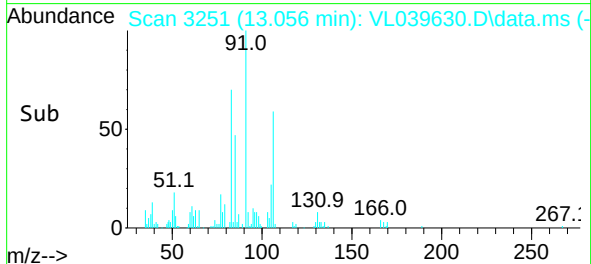
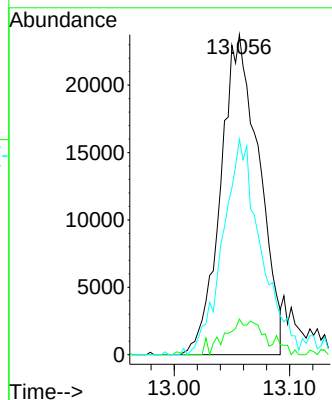
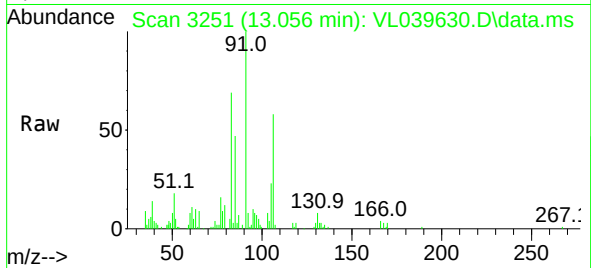




#63
1,1,2,2-Tetrachloroethane
Concen: 0.511 ppbv
RT: 13.056 min Scan# 31
Delta R.T. 0.004 min
Lab File: VL039630.D
Acq: 19 Sep 2022 11:01

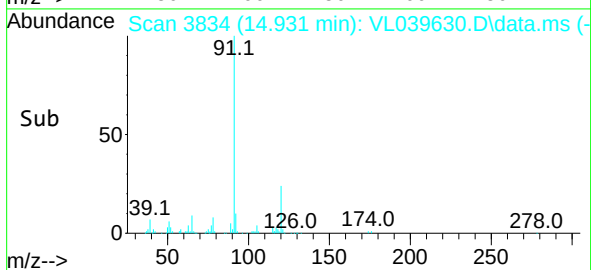
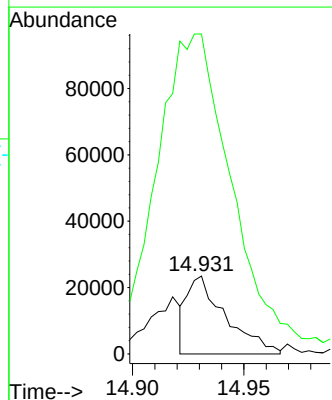
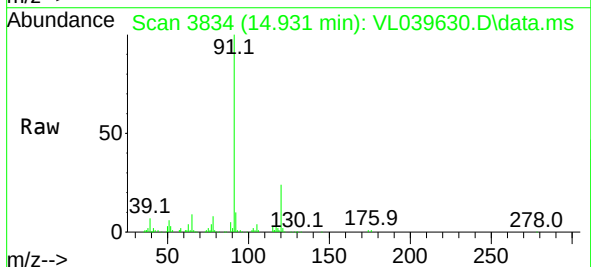
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

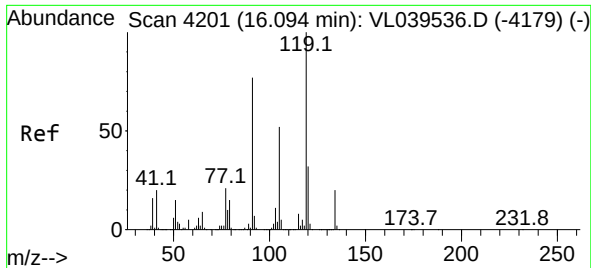
Tgt Ion: 83 Resp: 54916
Ion Ratio Lower Upper
83 100
131 11.9 5.3 15.8
85 72.3 33.1 99.5



#64
n-propylbenzene
Concen: 0.272 ppbv
RT: 14.931 min Scan# 3834
Delta R.T. 0.013 min
Lab File: VL039630.D
Acq: 19 Sep 2022 11:01

Tgt Ion: 120 Resp: 28262
Ion Ratio Lower Upper
120 100
91 815.6 367.2 550.8#

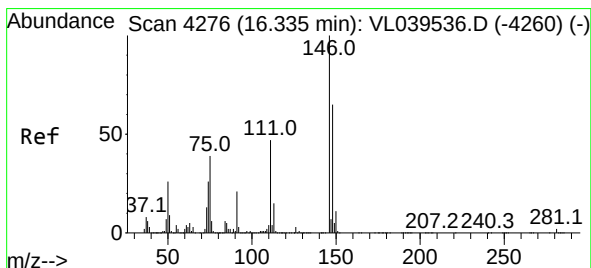
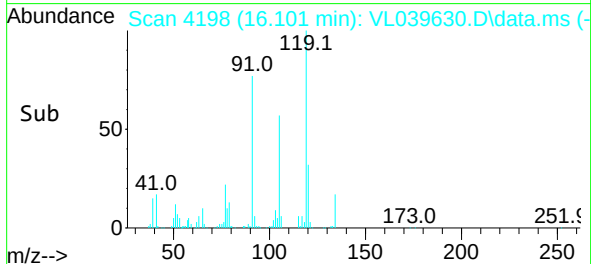
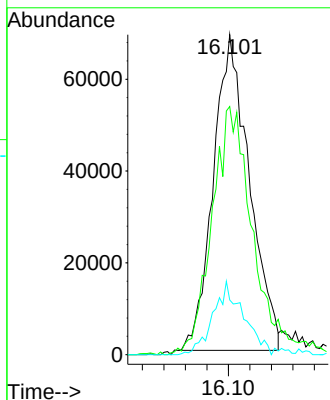
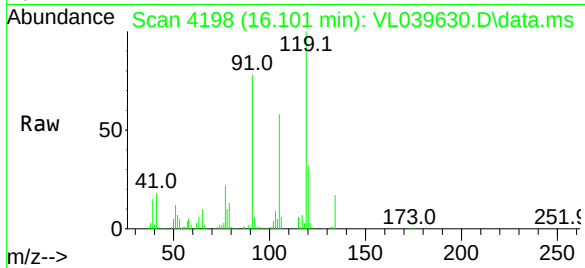




#65
tert-Butylbenzene
Concen: 0.448 ppbv
RT: 16.101 min Scan# 4198
Delta R.T. 0.007 min
Lab File: VL039630.D
Acq: 19 Sep 2022 11:01

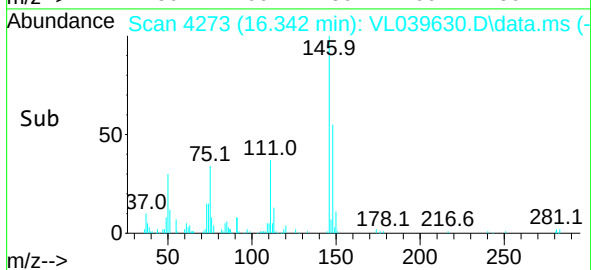
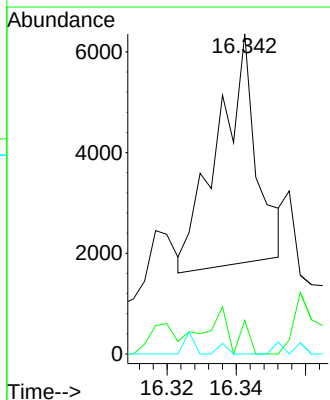
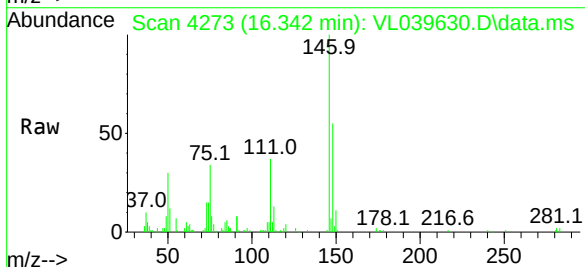
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.5

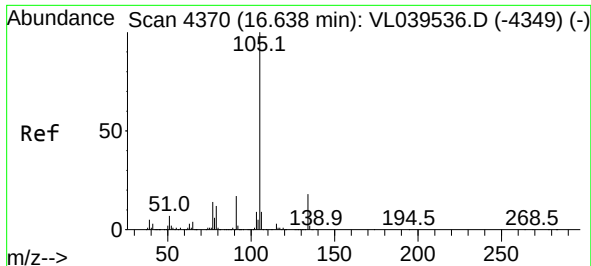
Tgt Ion: 119 Resp: 160754
Ion Ratio Lower Upper
119 100
91 91.1 63.4 95.2
134 20.6 15.9 23.9



#66
Benzyl Chloride
Concen: 0.125 ppbv
RT: 16.342 min Scan# 4273
Delta R.T. 0.007 min
Lab File: VL039630.D
Acq: 19 Sep 2022 11:01

Tgt Ion: 91 Resp: 3562
Ion Ratio Lower Upper
91 100
126 24.5 13.1 19.7#
128 5.2 4.4 6.6

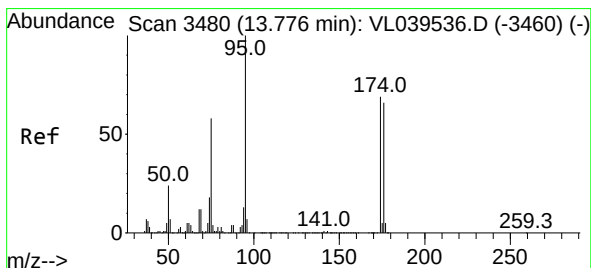
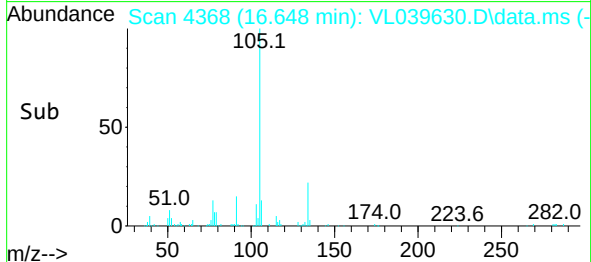
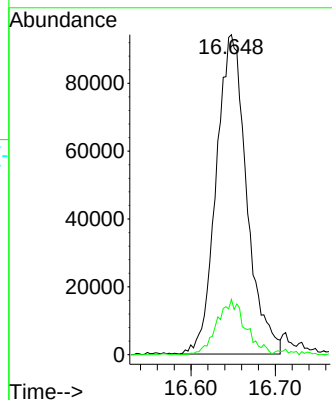
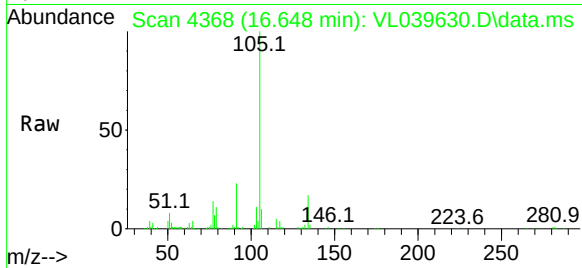




#67
 sec-Butylbenzene
 Concen: 0.470 ppbv
 RT: 16.648 min Scan# 41
 Delta R.T. 0.010 min
 Lab File: VL039630.D
 Acq: 19 Sep 2022 11:01

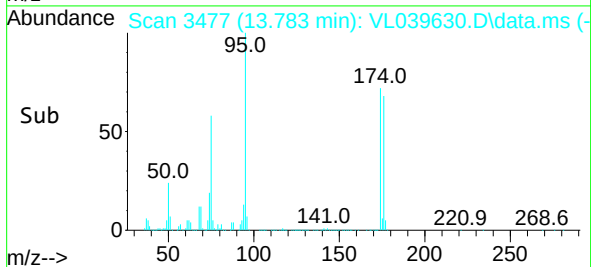
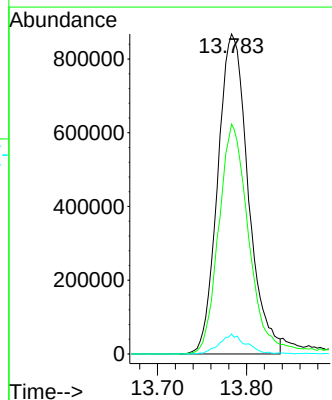
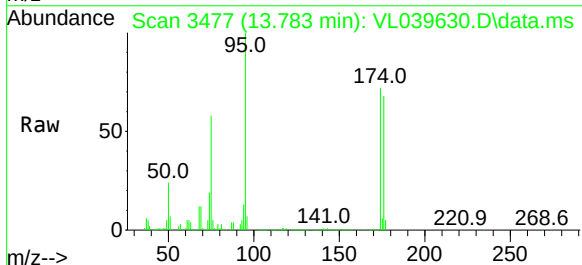
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5

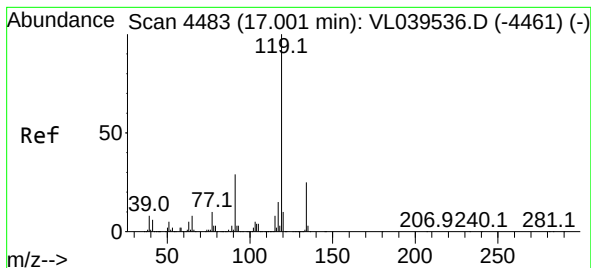
Tgt Ion:105 Resp: 236384
 Ion Ratio Lower Upper
 105 100
 134 16.4 14.8 22.2



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.024 ppbv
 RT: 13.783 min Scan# 3477
 Delta R.T. 0.007 min
 Lab File: VL039630.D
 Acq: 19 Sep 2022 11:01

Tgt Ion: 95 Resp: 2059027
 Ion Ratio Lower Upper
 95 100
 174 73.9 55.9 83.9
 175 5.7 4.2 6.4





#69

p-Isopropyltoluene

Concen: 0.224 ppbv

RT: 17.005 min Scan# 44

Delta R.T. 0.004 min

Lab File: VL039630.D

Acq: 19 Sep 2022 11:01

Instrument :

MSVOA_1

ClientSampleId :

VSTDIC0.5

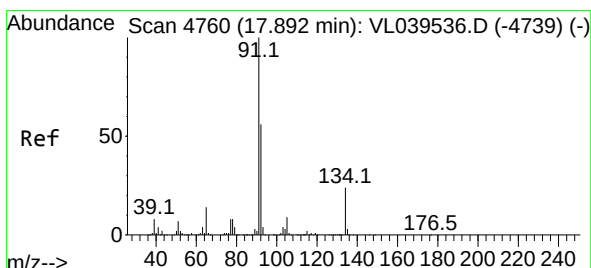
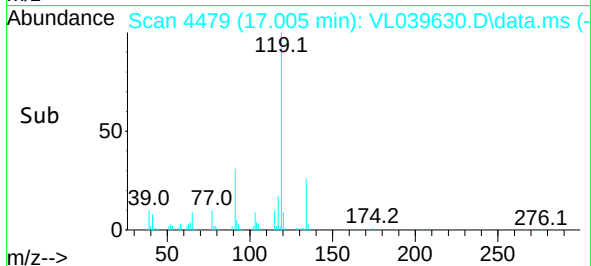
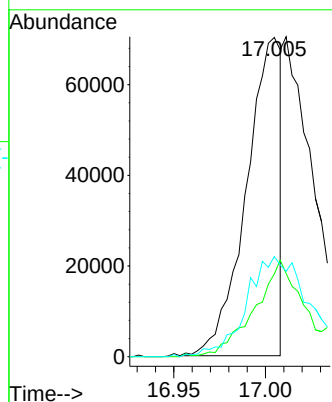
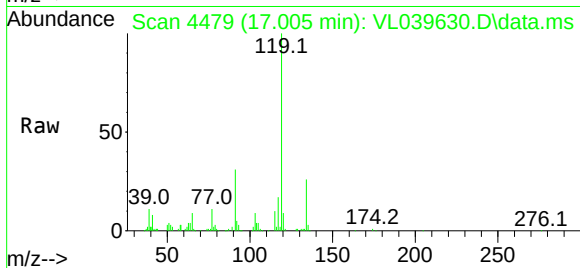
Tgt Ion:119 Resp: 92495

Ion Ratio Lower Upper

119 100

134 0.0 20.3 30.5#

91 63.3 22.9 34.3#



#70

n-Butylbenzene

Concen: 0.201 ppbv

RT: 17.895 min Scan# 4756

Delta R.T. 0.004 min

Lab File: VL039630.D

Acq: 19 Sep 2022 11:01

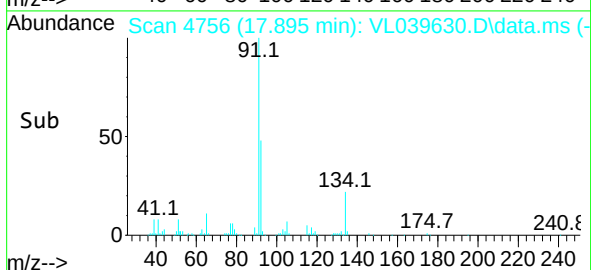
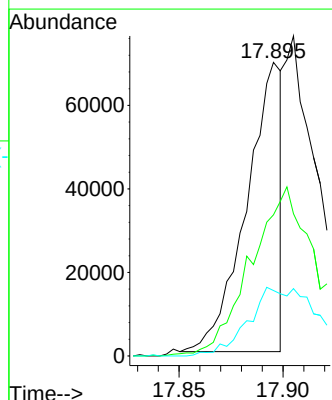
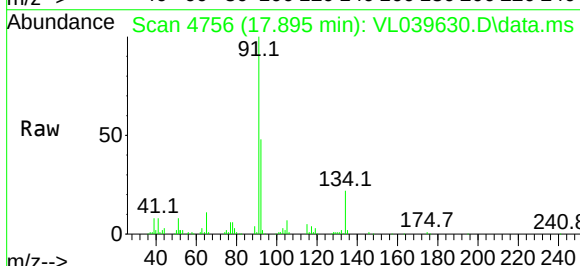
Tgt Ion: 91 Resp: 81417

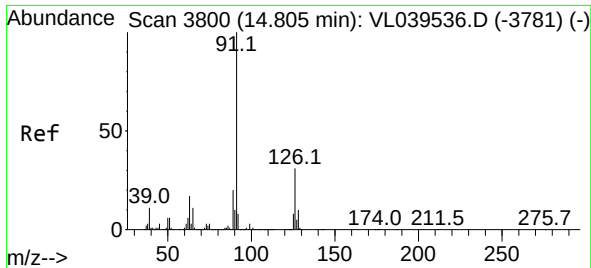
Ion Ratio Lower Upper

91 100

92 0.0 43.4 65.2#

134 50.2 18.9 28.3#

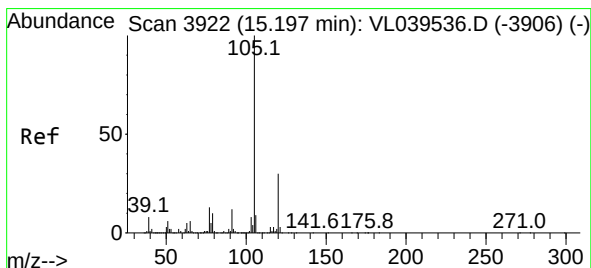
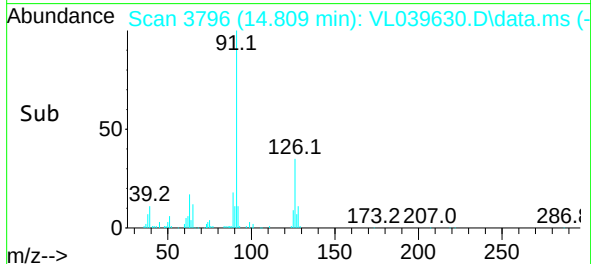
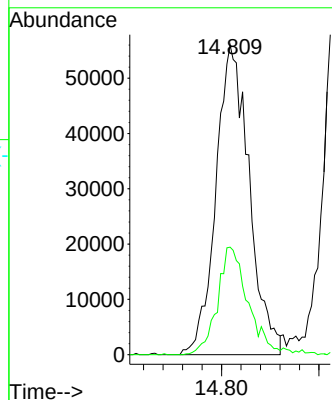
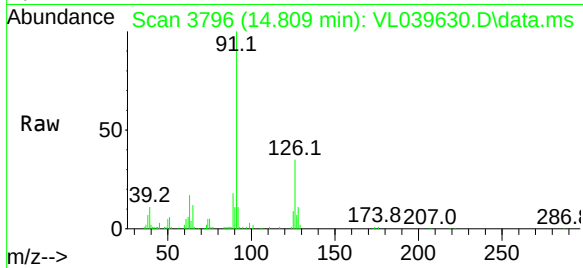




#71
2-Chlorotoluene
Concen: 0.453 ppbv
RT: 14.809 min Scan# 31
Delta R.T. 0.004 min
Lab File: VL039630.D
Acq: 19 Sep 2022 11:01

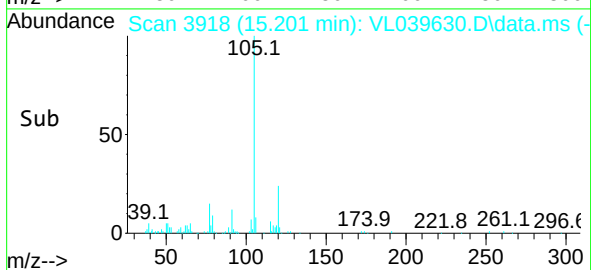
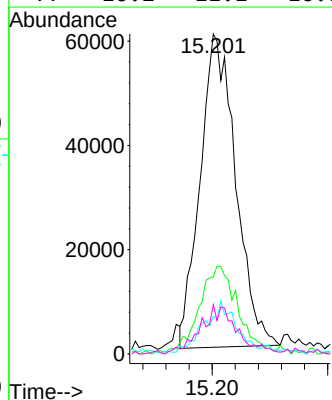
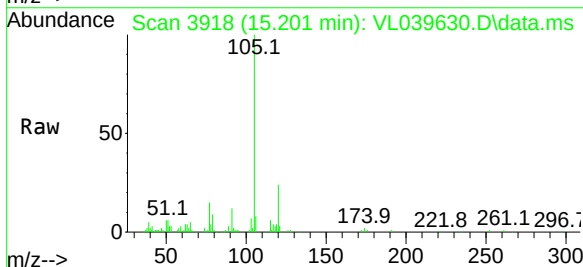
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.5

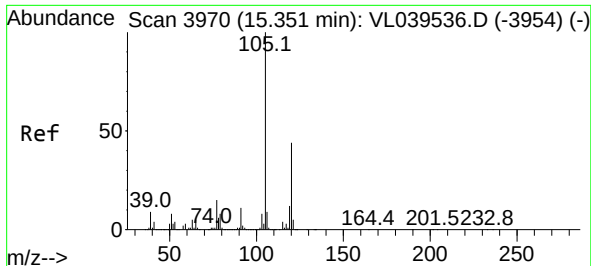
Tgt Ion: 91 Resp: 132719
Ion Ratio Lower Upper
91 100
126 32.5 13.0 51.8



#72
4-Ethyltoluene
Concen: 0.416 ppbv
RT: 15.201 min Scan# 3918
Delta R.T. 0.004 min
Lab File: VL039630.D
Acq: 19 Sep 2022 11:01

Tgt Ion: 105 Resp: 128188
Ion Ratio Lower Upper
105 100
120 31.9 24.2 36.2
91 16.7 10.2 15.4#
77 16.2 11.1 16.7

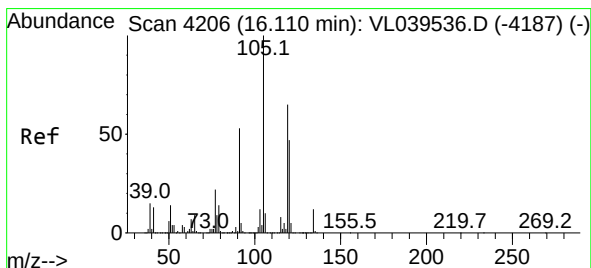
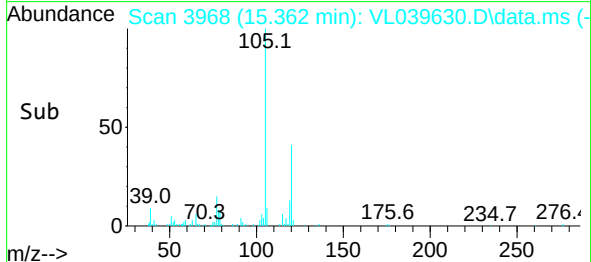
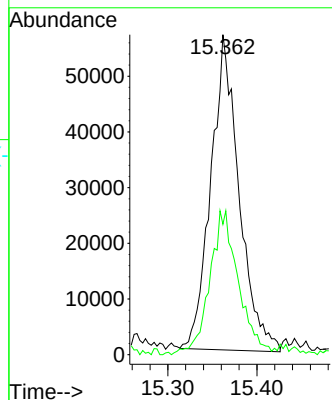
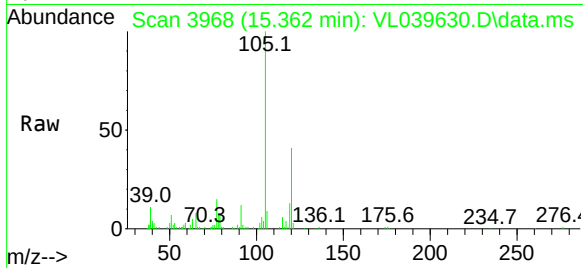




#73
 1,3,5-Trimethylbenzene
 Concen: 0.443 ppbv
 RT: 15.362 min Scan# 3970
 Delta R.T. 0.010 min
 Lab File: VL039630.D
 Acq: 19 Sep 2022 11:01

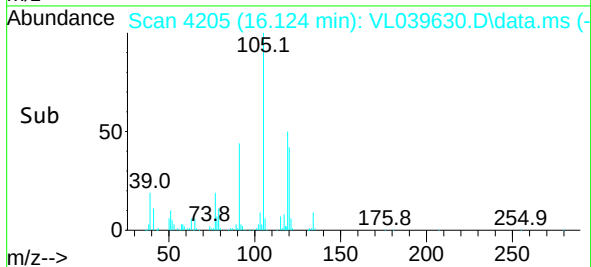
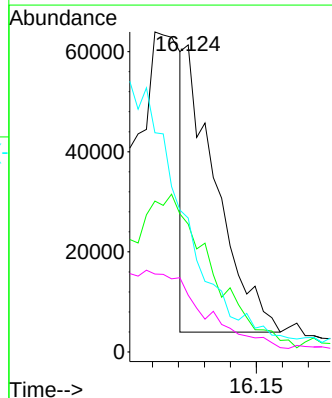
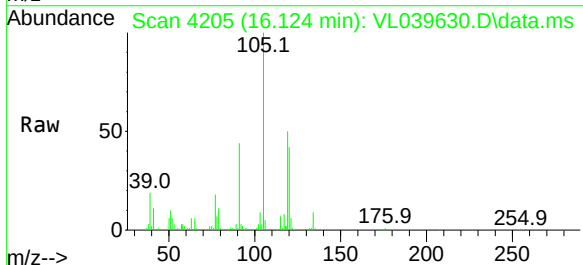
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDIC0.5

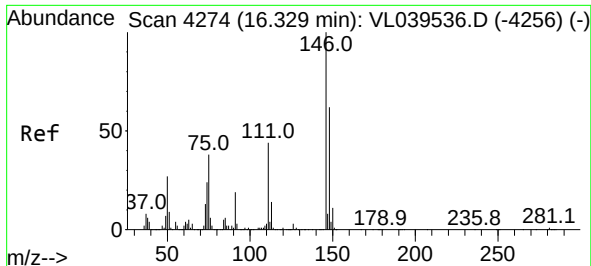
Tgt Ion:105 Resp: 124639
 Ion Ratio Lower Upper
 105 100
 120 39.7 38.2 57.4



#74
 1,2,4-Trimethylbenzene
 Concen: 0.152 ppbv
 RT: 16.124 min Scan# 4205
 Delta R.T. 0.013 min
 Lab File: VL039630.D
 Acq: 19 Sep 2022 11:01

Tgt Ion:105 Resp: 47891
 Ion Ratio Lower Upper
 105 100
 120 40.5 39.5 59.3
 91 40.9 39.2 58.8
 77 18.3 17.2 25.8

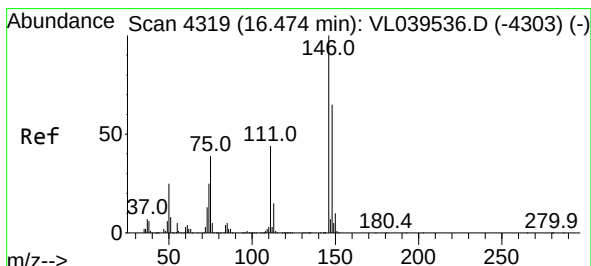
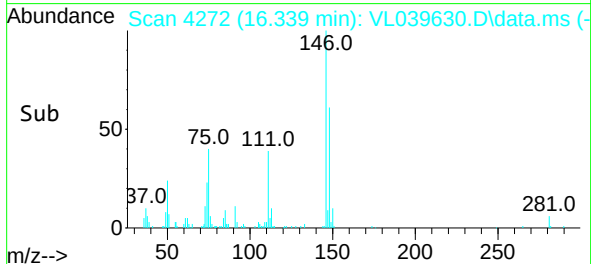
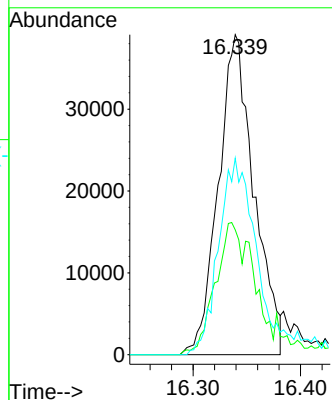
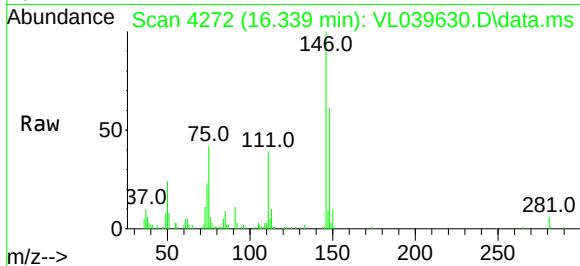




#75
1,3-Dichlorobenzene
Concen: 0.479 ppbv
RT: 16.339 min Scan# 41
Delta R.T. 0.010 min
Lab File: VL039630.D
Acq: 19 Sep 2022 11:01

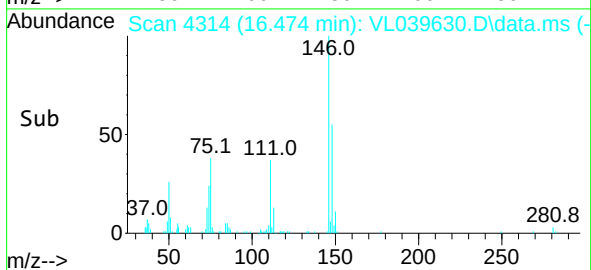
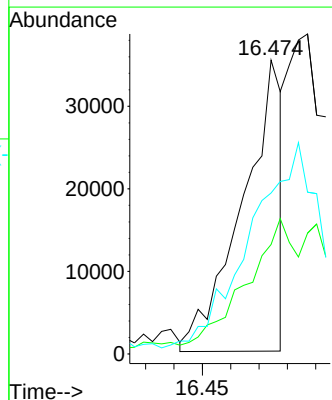
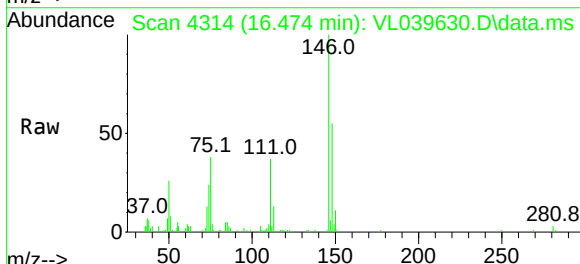
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

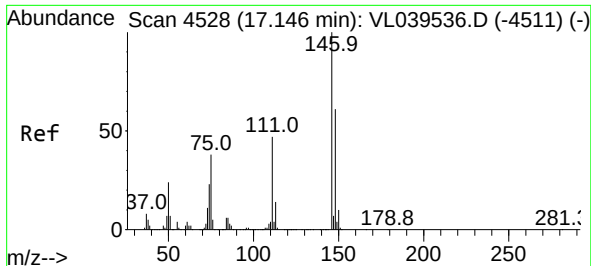
Tgt Ion:146 Resp: 90154
Ion Ratio Lower Upper
146 100
111 49.0 22.9 68.7
148 68.9 32.1 96.5



#76
1,4-Dichlorobenzene
Concen: 0.182 ppbv
RT: 16.474 min Scan# 4314
Delta R.T. 0.001 min
Lab File: VL039630.D
Acq: 19 Sep 2022 11:01

Tgt Ion:146 Resp: 34248
Ion Ratio Lower Upper
146 100
111 118.7 22.9 68.8#
148 0.0 33.6 100.8#

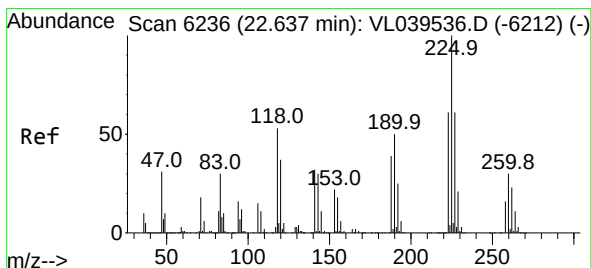
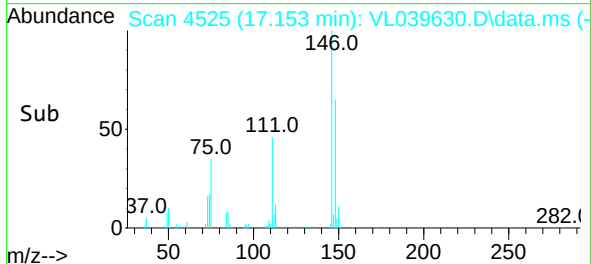
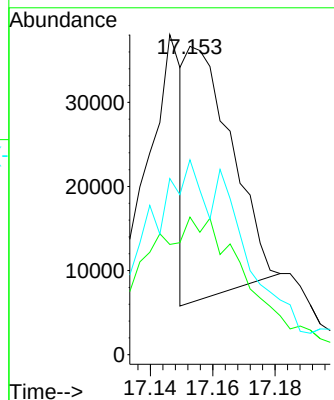
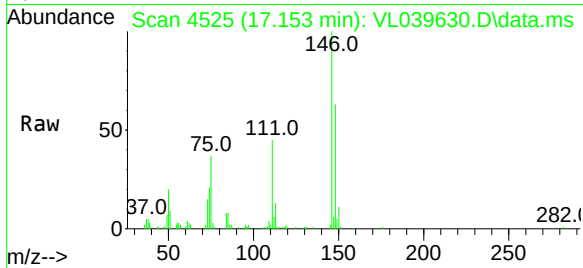




#77
 1,2-Dichlorobenzene
 Concen: 0.164 ppbv
 RT: 17.153 min Scan# 4525
 Delta R.T. 0.007 min
 Lab File: VL039630.D
 Acq: 19 Sep 2022 11:01

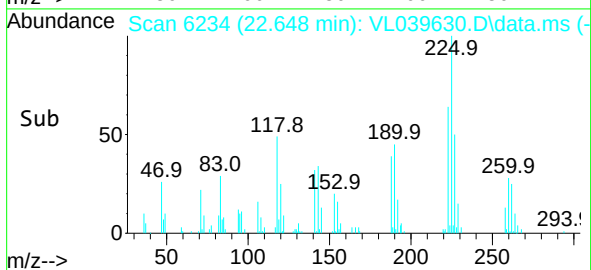
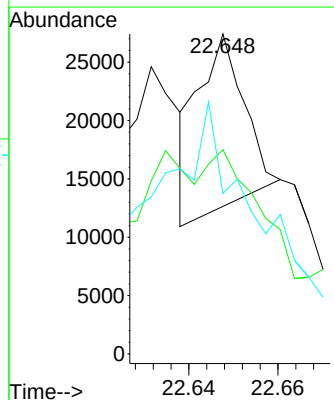
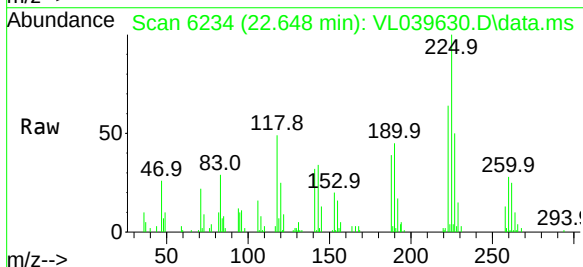
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5

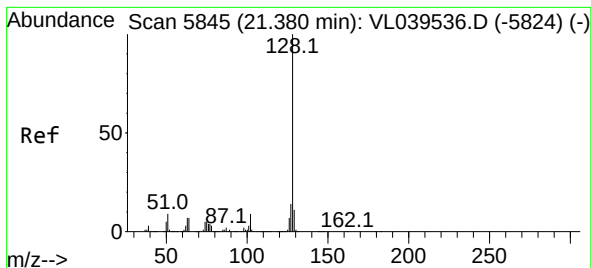
Tgt Ion:146 Resp: 30214
 Ion Ratio Lower Upper
 146 100
 111 149.2 23.8 71.5#
 148 198.3 32.3 96.8#



#78
 Hexachloro-1,3-Butadiene
 Concen: 0.077 ppbv
 RT: 22.648 min Scan# 6234
 Delta R.T. 0.010 min
 Lab File: VL039630.D
 Acq: 19 Sep 2022 11:01

Tgt Ion:225 Resp: 10842
 Ion Ratio Lower Upper
 225 100
 223 471.9 51.8 77.6#
 227 460.6 51.4 77.2#





#79

Naphthalene

Concen: 0.167 ppbv

RT: 21.390 min Scan# 5845

Delta R.T. 0.010 min

Lab File: VL039630.D

Acq: 19 Sep 2022 11:01

Instrument :

MSVOA_1

ClientSampleId :

VSTDIC0.5

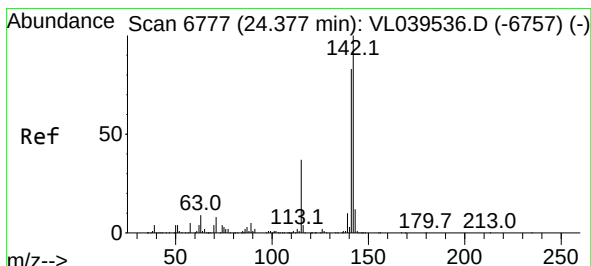
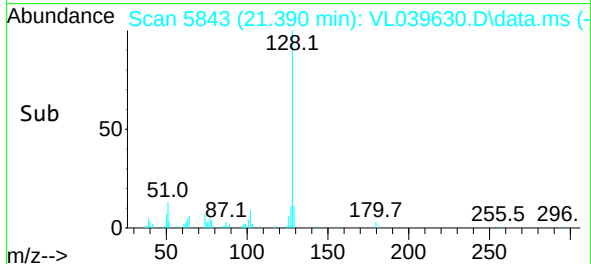
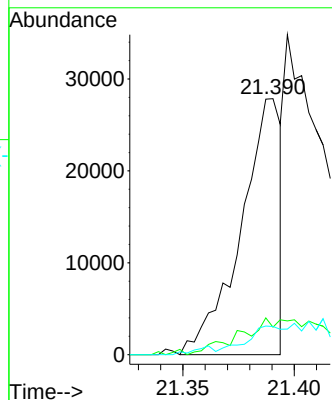
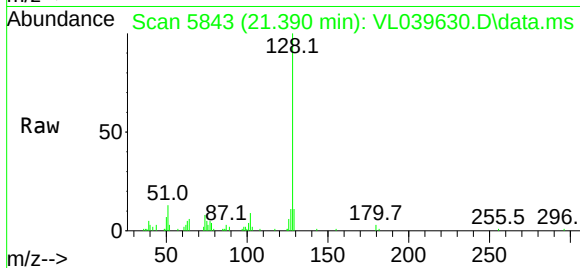
Tgt Ion:128 Resp: 34871

Ion Ratio Lower Upper

128 100

127 8.7 10.6 15.8#

129 9.9 8.8 13.2



#80

Naphthalene,2-methyl-

Concen: 0.250 ppbv

RT: 24.387 min Scan# 6775

Delta R.T. 0.010 min

Lab File: VL039630.D

Acq: 19 Sep 2022 11:01

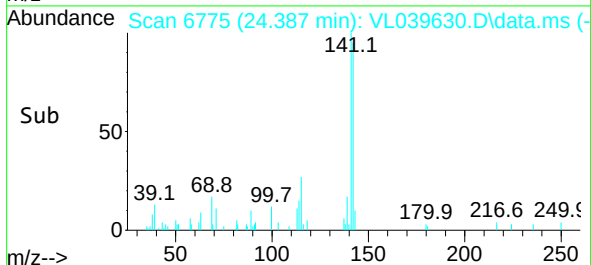
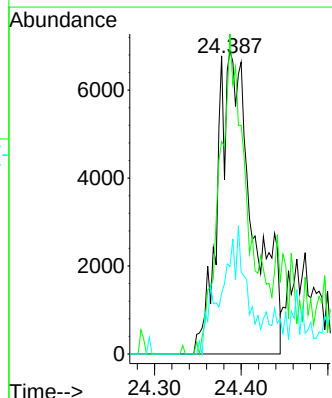
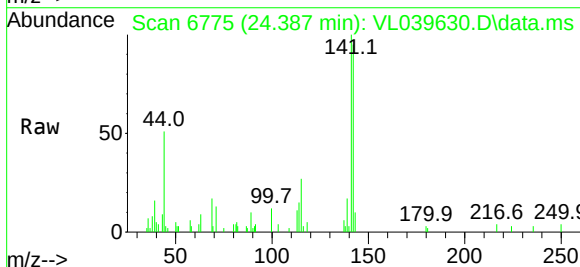
Tgt Ion:142 Resp: 19560

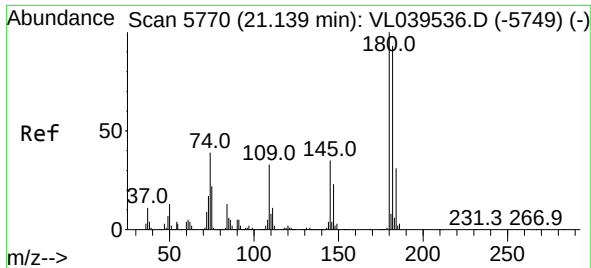
Ion Ratio Lower Upper

142 100

141 99.3 68.9 103.3

115 33.2 30.0 45.0





#81

1,2,4-Trichlorobenzene

Concen: 0.168 ppbv

RT: 21.143 min Scan# 5

Delta R.T. 0.004 min

Lab File: VL039630.D

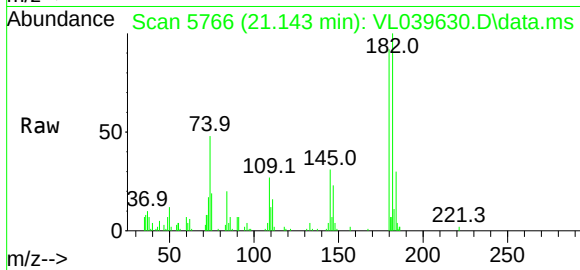
Acq: 19 Sep 2022 11:01

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.5



Tgt Ion:180 Resp: 23045

Ion Ratio Lower Upper

180 100

182 0.0 77.1 115.7#

184 0.0 24.3 36.5#

