

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL091922\
 Data File : VL039632.D
 Acq On : 19 Sep 2022 12:44
 Operator : SY/AP
 Sample : VSTDICC0.03
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC0.03

Quant Time: Sep 20 07:54:50 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	5.208	49	1162151	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.668	114	3001075	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.478	117	2727891	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.786	95	2039604	10.016	ppbv	0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.200%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.755	85	6631	0.049	ppbv	97
3) Chlorodifluoromethane	2.700	51	4623	0.034	ppbv	96
4) Chloromethane	2.835	50	662	0.008	ppbv #	1
5) Vinyl Chloride	2.932	62	328	0.005	ppbv #	44
6) Bromomethane	3.137	94	287	0.011	ppbv #	2
7) Chloroethane	3.214	64	168	0.007	ppbv #	44
8) Dichlorotetrafluoroethane	2.877	85	2157	0.013	ppbv #	13
9) Propene	3.034	41	470	0.007	ppbv	85
10) Heptane	7.590	43	808	0.005	ppbv #	27
11) Trichlorofluoromethane	3.587	101	5269	0.032	ppbv #	70
12) 1,1,2-Trichlorotrifluo...	4.083	101	1525	0.012	ppbv #	13
13) Ethanol	3.269	45	257	0.054	ppbv #	23
14) Bromoethene	3.388	108	536	0.011	ppbv #	1
15) Acetone	3.485	43	238	0.002	ppbv #	49
16) 1,3-Butadiene	3.005	39	404	0.006	ppbv #	10
17) tert-Butyl alcohol	3.944	59	1895	0.016	ppbv	98
18) 1,1-Dichloroethene	3.899	96	772	0.014	ppbv #	1
19) Isopropyl Alcohol	3.581	45	187	0.003	ppbv #	88
20) Methylene Chloride	3.957	84	8295	0.139	ppbv #	80
21) Allyl Chloride	4.018	41	2092	0.024	ppbv #	21
22) trans-1,2-Dichloroethene	4.462	96	638	0.012	ppbv #	6
23) Vinyl Acetate	4.636	43	398	0.007	ppbv #	88
24) 1,1-Dichloroethane	4.584	63	2771	0.024	ppbv #	90
25) Ethyl Acetate	5.205	43	151	0.001	ppbv #	1
26) Hexane	5.234	57	2004	0.017	ppbv #	24
27) Carbon Disulfide	4.144	76	2642	0.021	ppbv #	59
28) Methyl tert-Butyl Ether	4.597	73	134	0.001	ppbv #	50
29) Chloroform	5.295	83	4514	0.026	ppbv #	76
30) Cyclohexane	6.613	84	677	0.007	ppbv #	27
31) cis-1,2-Dichloroethene	5.095	61	809	0.007	ppbv #	36
32) 1,1,1-Trichloroethane	6.018	97	1128	0.007	ppbv #	1
34) 2-Butanone	4.829	43	2336	0.016	ppbv #	56
35) Carbon Tetrachloride	6.500	117	1371	0.009	ppbv #	49
36) Benzene	6.378	78	2639	0.012	ppbv #	53
37) 1,2-Dichloroethane	5.819	62	558	0.004	ppbv #	81
38) Trichloroethene	7.311	130	1002	0.008	ppbv #	73
39) 1,2-Dichloropropane	6.664	63	738532	8.336	ppbv #	25
40) 1,4-Dioxane	7.295	88	128	0.004	ppbv #	1
41) Tetrahydrofuran	5.600	42	294	0.003	ppbv #	46
42) Bromodichloromethane	7.266	83	1257	0.007	ppbv #	25
43) Methyl Methacrylate	7.494	69	337	0.004	ppbv #	1
44) 2,2,4-Trimethylpentane	7.343	57	1568	0.004	ppbv #	42
45) t-1,3-Dichloropropene	8.732	75	215	0.003	ppbv #	44

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 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

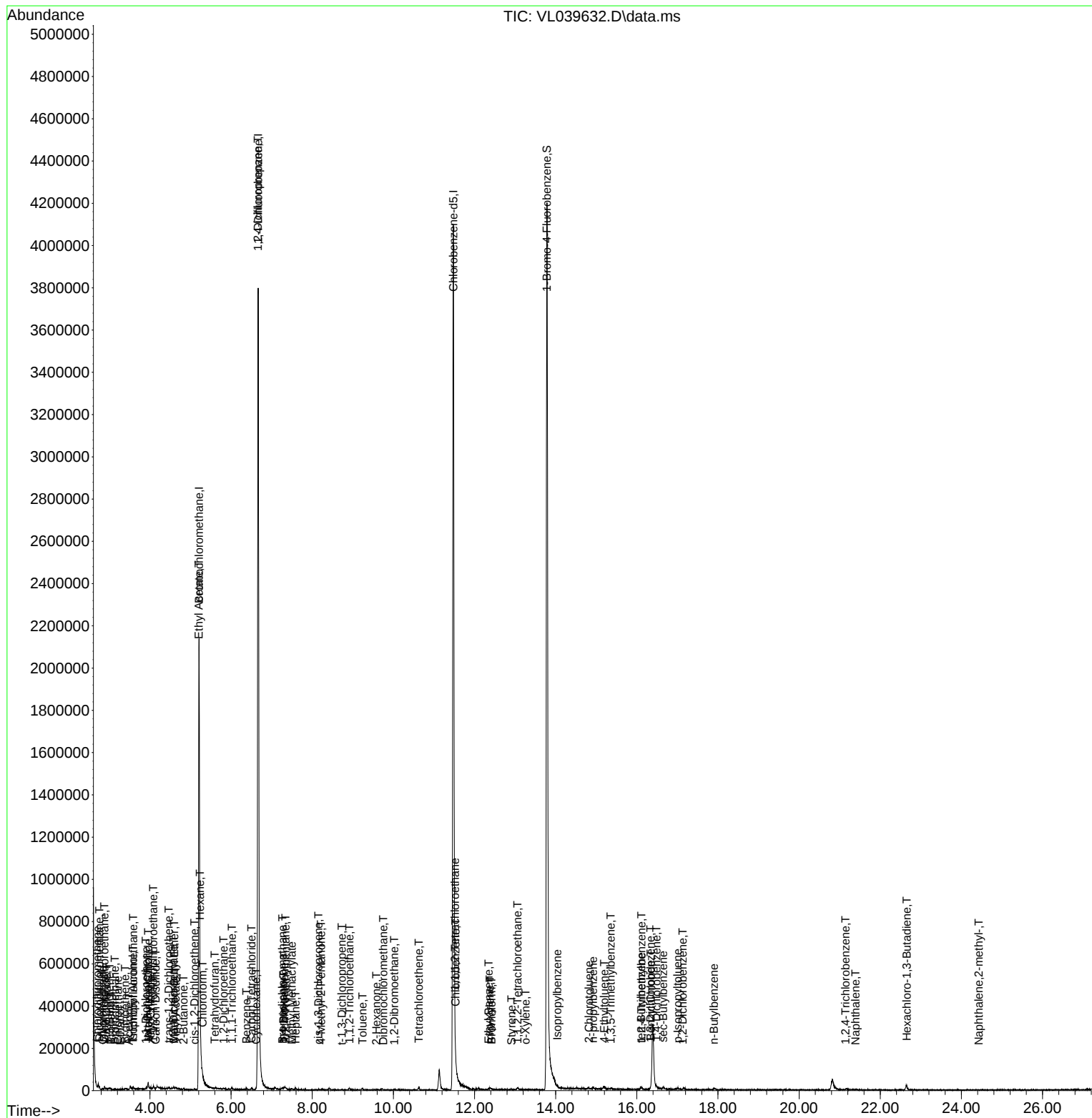
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 ClientSampleId :
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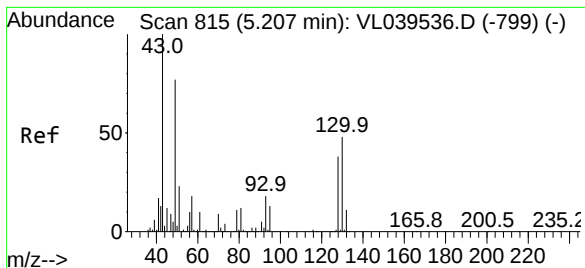
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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL091922AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Mon Sep 19 14:26:28 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
46) cis-1,3-Dichloropropene	8.156	75	674	0.007	ppbv	#	56
47) 1,1,2-Trichloroethane	8.918	97	664	0.007	ppbv	#	34
48) Dibromochloromethane	9.751	129	102	0.001	ppbv		86
49) Bromoform	12.420	173	727	0.006	ppbv	#	26
50) 4-Methyl-2-Pentanone	8.221	43	482	0.002	ppbv	#	1
51) 2-Hexanone	9.581	43	287	0.002	ppbv	#	28
52) Tetrachloroethene	10.629	164	512	0.006	ppbv	#	23
53) Toluene	9.240	91	2693	0.011	ppbv	#	21
54) 1,2-Dibromoethane	10.021	107	849	0.008	ppbv	#	41
56) 1,1,1,2-Tetrachloroethane	11.523	131	833	0.008	ppbv	#	9
57) Chlorobenzene	11.532	112	2030	0.010	ppbv	#	51
58) Ethyl Benzene	12.349	91	1006	0.003	ppbv		97
59) m/p-Xylene	12.378	91	1335	0.005	ppbv	#	1
60) o-Xylene	13.259	91	145	0.001	ppbv		66
61) Styrene	12.912	104	910	0.006	ppbv	#	39
62) Isopropylbenzene	14.040	105	4622	0.011	ppbv	#	49
63) 1,1,2,2-Tetrachloroethane	13.060	83	975	0.009	ppbv	#	26
64) n-propylbenzene	14.921	120	448	0.004	ppbv	#	1
65) tert-Butylbenzene	16.105	119	1139	0.003	ppbv	#	1
66) Benzyl Chloride	16.346	91	289	0.010	ppbv	#	67
67) sec-Butylbenzene	16.648	105	2289	0.005	ppbv	#	59
69) p-Isopropyltoluene	17.008	119	709	0.002	ppbv	#	1
70) n-Butylbenzene	17.902	91	2240	0.006	ppbv	#	1
71) 2-Chlorotoluene	14.822	91	2221	0.008	ppbv	#	46
72) 4-Ethyltoluene	15.201	105	585	0.002	ppbv	#	55
73) 1,3,5-Trimethylbenzene	15.359	105	975	0.003	ppbv	#	29
74) 1,2,4-Trimethylbenzene	16.117	105	878	0.003	ppbv	#	58
75) 1,3-Dichlorobenzene	16.339	146	1160	0.006	ppbv	#	23
76) 1,4-Dichlorobenzene	16.487	146	1697	0.009	ppbv	#	1
77) 1,2-Dichlorobenzene	17.130	146	254	0.001	ppbv		78
78) Hexachloro-1,3-Butadiene	22.654	225	1534	0.011	ppbv	#	1
79) Naphthalene	21.391	128	835	0.004	ppbv	#	69
80) Naphthalene,2-methyl-	24.429	142	83	0.001	ppbv	#	16
81) 1,2,4-Trichlorobenzene	21.146	180	188	0.001	ppbv	#	1

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

Quant Time: Sep 20 07:54:50 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL091922AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Mon Sep 19 14:26:28 2022
Response via : Initial Calibration

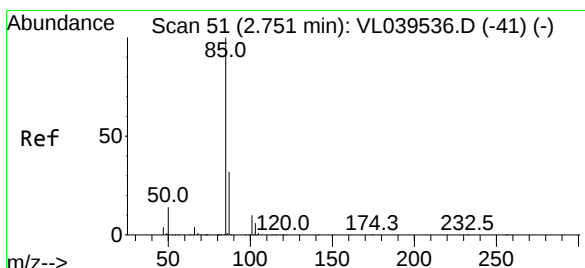
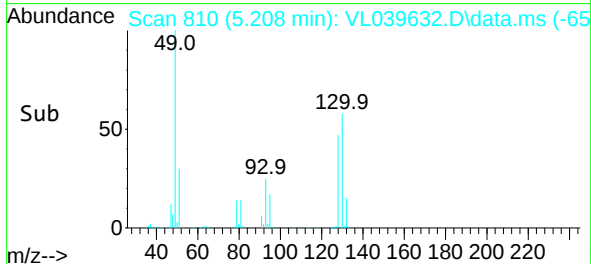
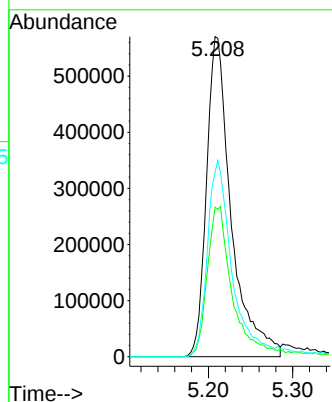
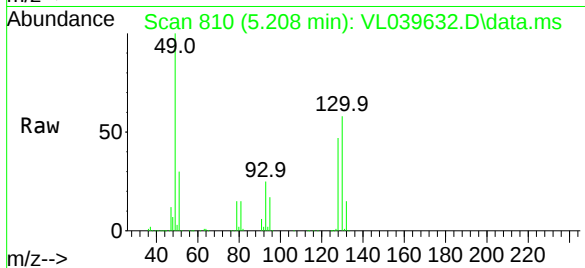




#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.208 min Scan# 815
 Delta R.T. 0.001 min
 Lab File: VL039632.D
 Acq: 19 Sep 2022 12:44

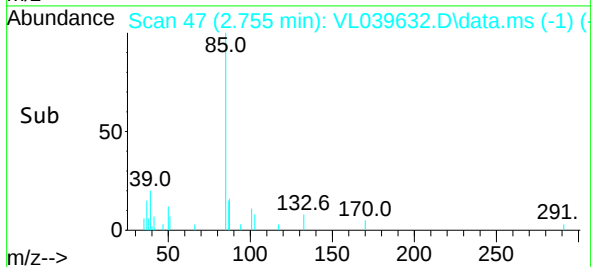
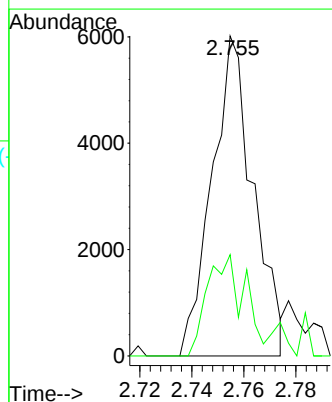
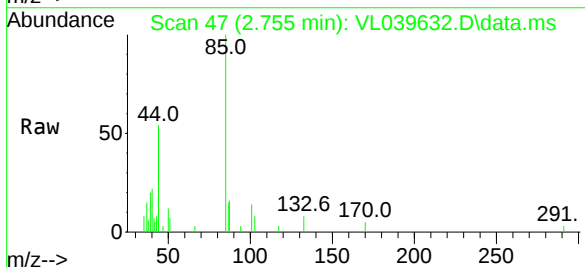
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.03

Tgt Ion: 49 Resp: 1162151
 Ion Ratio Lower Upper
 49 100
 128 49.7 26.7 80.0
 130 65.5 34.3 102.8



#2
 Dichlorodifluoromethane
 Concen: 0.049 ppbv
 RT: 2.755 min Scan# 47
 Delta R.T. 0.004 min
 Lab File: VL039632.D
 Acq: 19 Sep 2022 12:44

Tgt Ion: 85 Resp: 6631
 Ion Ratio Lower Upper
 85 100
 87 31.7 26.7 40.1

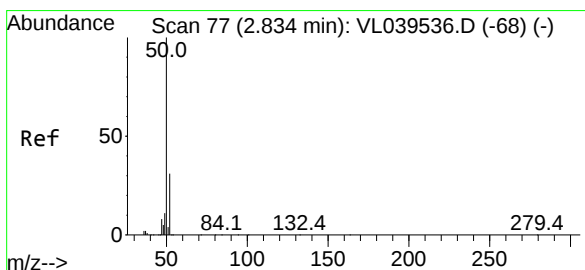
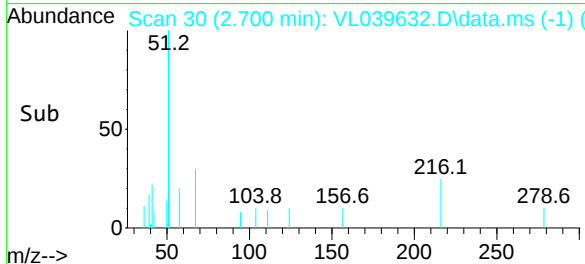
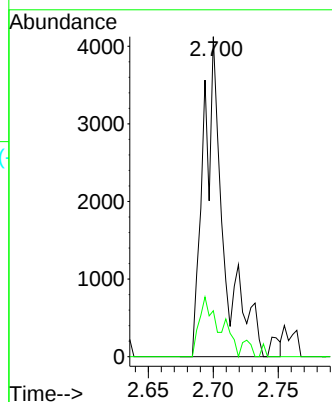
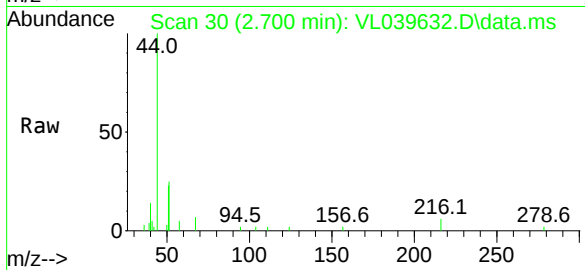




#3
Chlorodifluoromethane
Concen: 0.034 ppbv
RT: 2.700 min Scan# 30
Delta R.T. 0.007 min
Lab File: VL039632.D
Acq: 19 Sep 2022 12:44

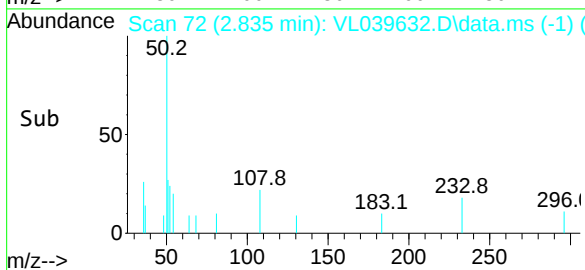
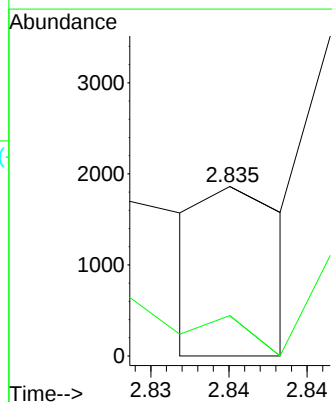
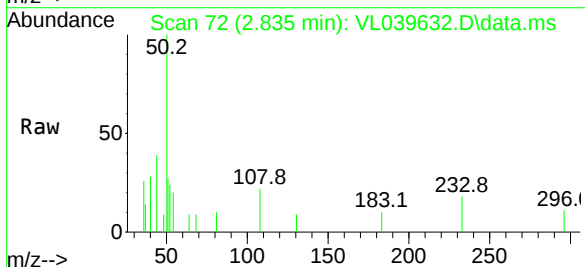
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ClientSampleId :
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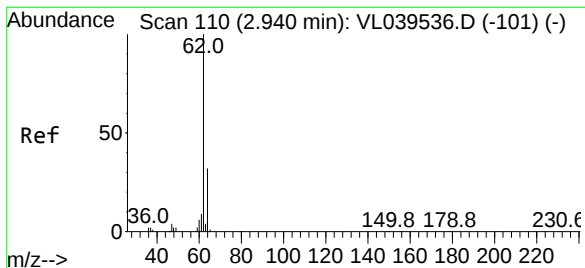
Tgt Ion: 51 Resp: 4623
Ion Ratio Lower Upper
51 100
67 21.3 15.7 23.5



#4
Chloromethane
Concen: 0.008 ppbv
RT: 2.835 min Scan# 72
Delta R.T. 0.001 min
Lab File: VL039632.D
Acq: 19 Sep 2022 12:44

Tgt Ion: 50 Resp: 662
Ion Ratio Lower Upper
50 100
52 152.6 26.5 39.7#

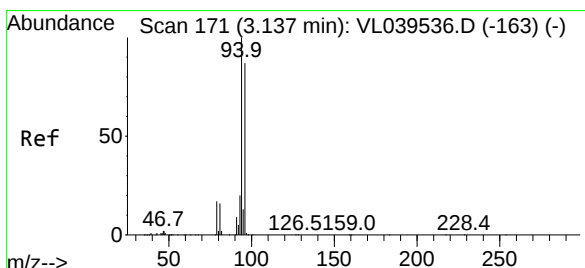
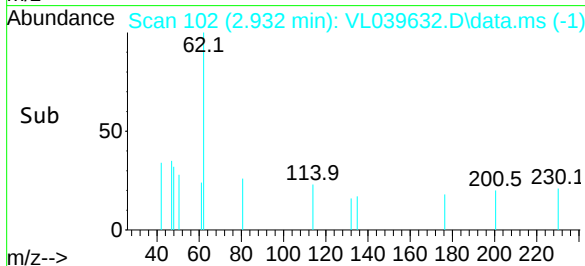
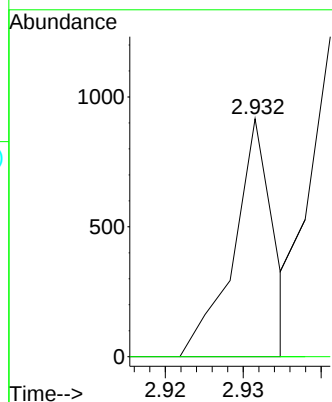
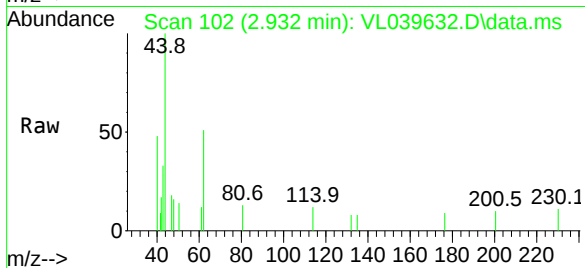




#5
 Vinyl Chloride
 Concen: 0.005 ppbv
 RT: 2.932 min Scan# 110
 Delta R.T. -0.009 min
 Lab File: VL039632.D
 Acq: 19 Sep 2022 12:44

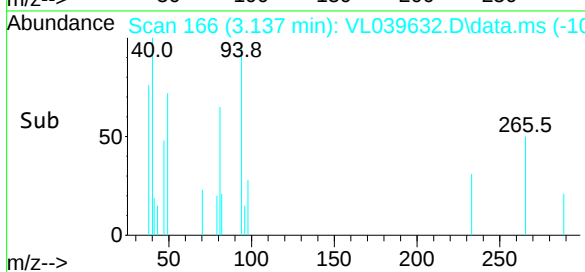
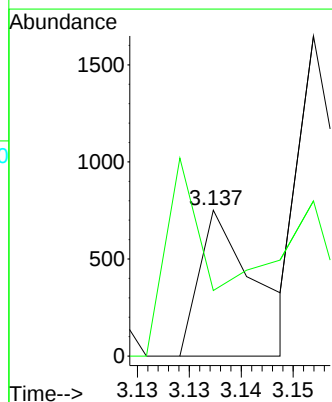
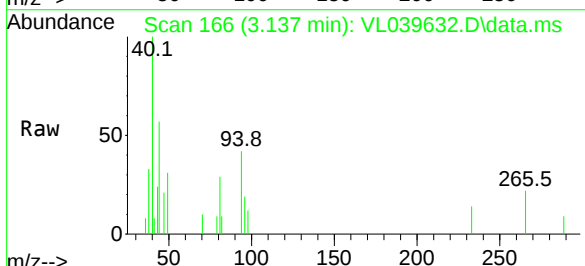
Instrument :
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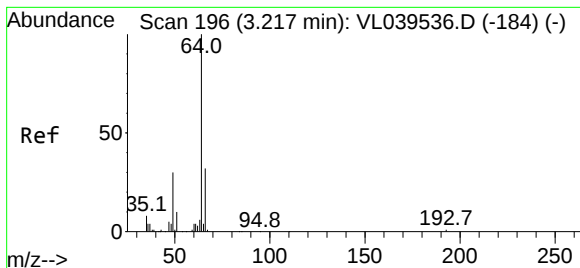
Tgt Ion: 62 Resp: 328
 Ion Ratio Lower Upper
 62 100
 64 0.0 24.6 36.8#



#6
 Bromomethane
 Concen: 0.011 ppbv
 RT: 3.137 min Scan# 166
 Delta R.T. 0.001 min
 Lab File: VL039632.D
 Acq: 19 Sep 2022 12:44

Tgt Ion: 94 Resp: 287
 Ion Ratio Lower Upper
 94 100
 96 0.0 75.6 113.4#

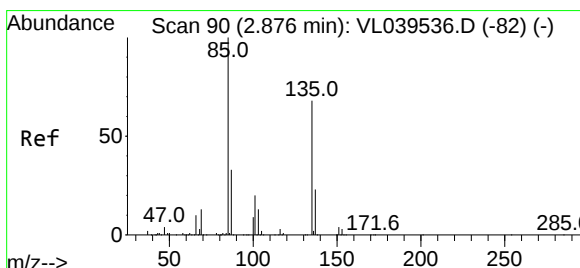
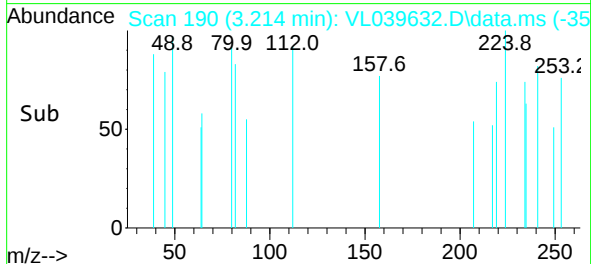
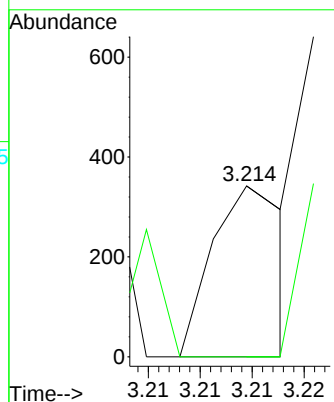
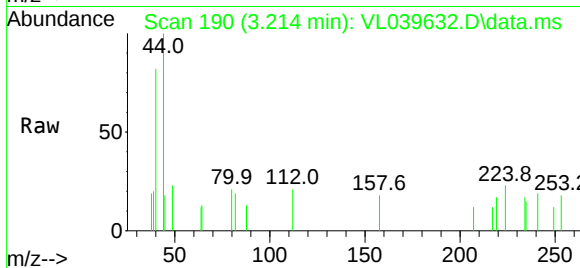




#7
Chloroethane
Concen: 0.007 ppbv
RT: 3.214 min Scan# 196
Delta R.T. -0.002 min
Lab File: VL039632.D
Acq: 19 Sep 2022 12:44

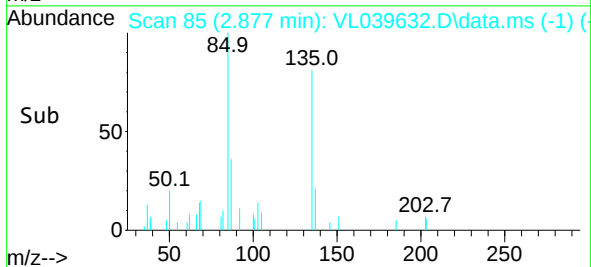
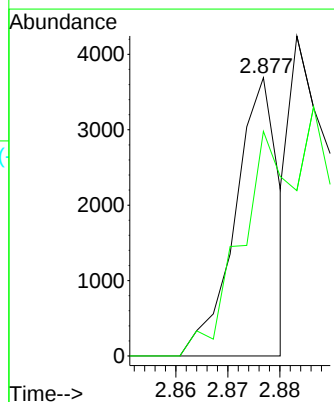
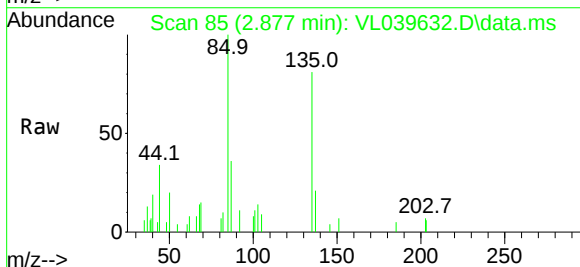
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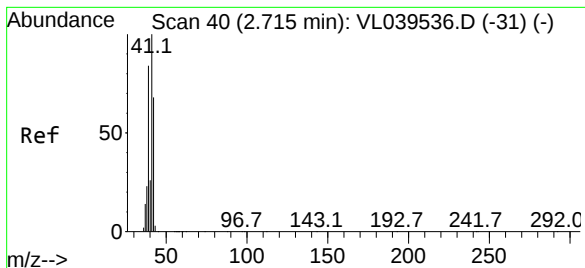
Tgt Ion: 64 Resp: 168
Ion Ratio Lower Upper
64 100
66 0.0 24.7 37.1#



#8
Dichlorotetrafluoroethane
Concen: 0.013 ppbv
RT: 2.877 min Scan# 85
Delta R.T. 0.001 min
Lab File: VL039632.D
Acq: 19 Sep 2022 12:44

Tgt Ion: 85 Resp: 2157
Ion Ratio Lower Upper
85 100
135 0.0 59.0 88.4#





#9

Propene

Concen: 0.007 ppbv

RT: 3.034 min Scan# 11

Delta R.T. 0.319 min

Lab File: VL039632.D

Acq: 19 Sep 2022 12:44

Instrument :

MSVOA_L

ClientSampleId :

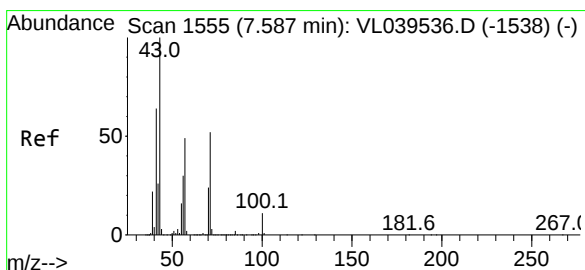
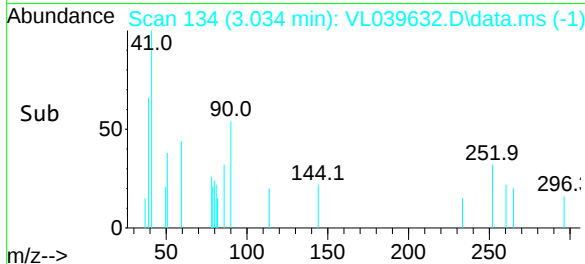
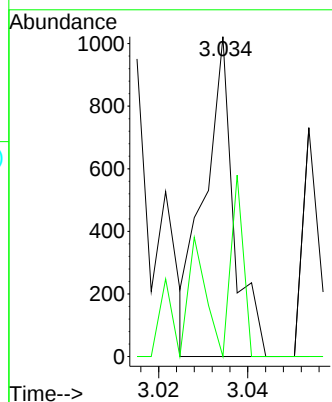
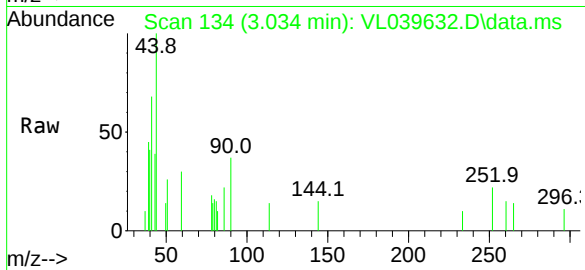
VSTDIC0.03

Tgt Ion: 41 Resp: 470

Ion Ratio Lower Upper

41 100

42 56.4 55.2 82.8



#10

Heptane

Concen: 0.005 ppbv

RT: 7.590 min Scan# 1551

Delta R.T. 0.004 min

Lab File: VL039632.D

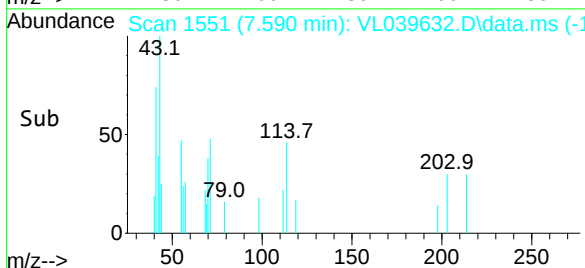
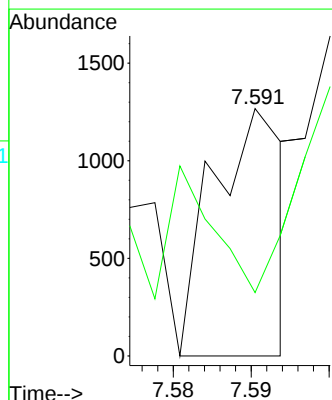
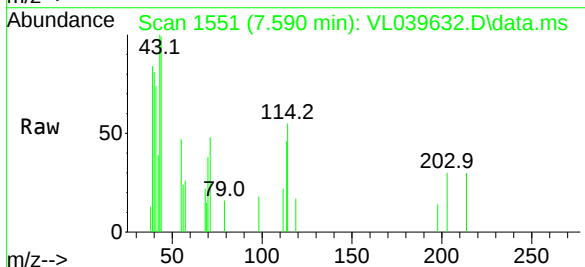
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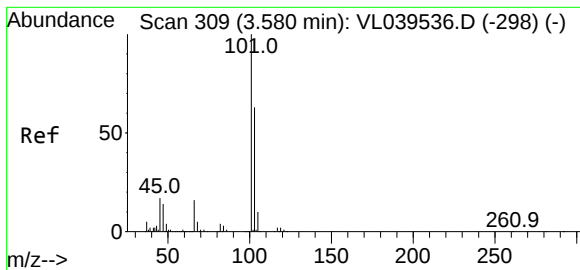
Tgt Ion: 43 Resp: 808

Ion Ratio Lower Upper

43 100

57 0.0 40.5 60.7#

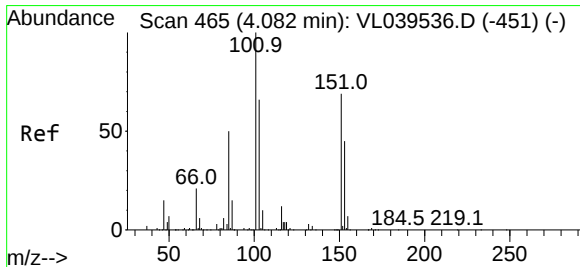
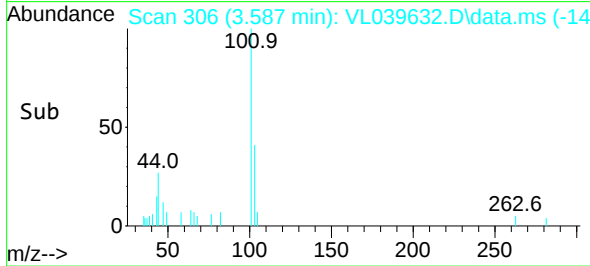
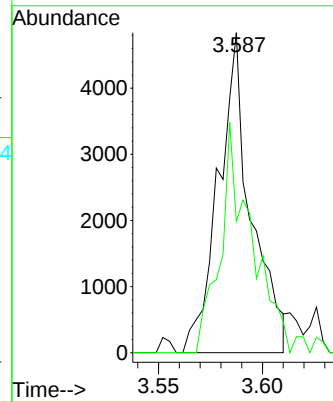
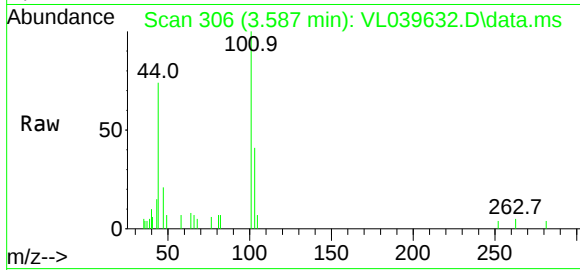




#11
 Trichlorofluoromethane
 Concen: 0.032 ppbv
 RT: 3.587 min Scan# 309
 Delta R.T. 0.007 min
 Lab File: VL039632.D
 Acq: 19 Sep 2022 12:44

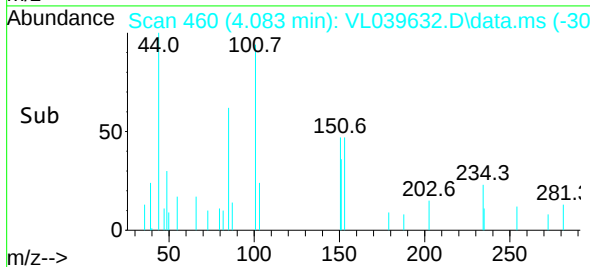
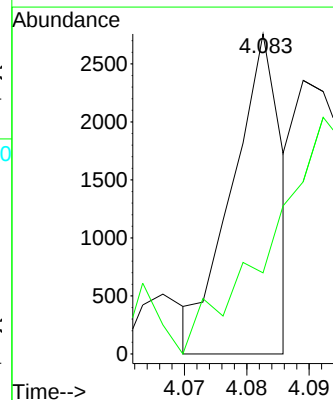
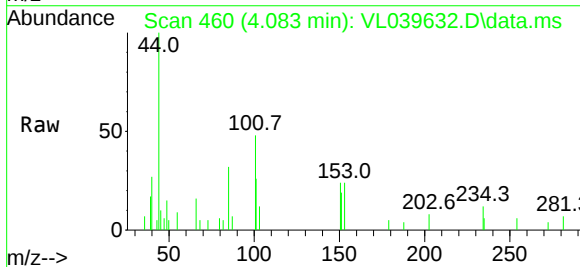
Instrument :
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 ClientSampleId :
 VSTDIC0.03

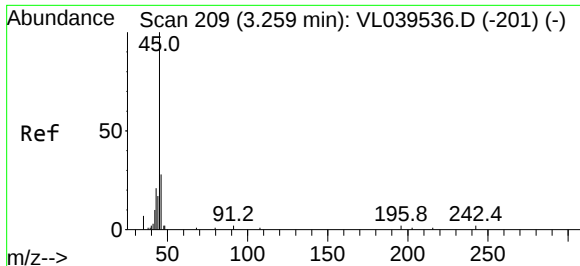
Tgt Ion:101 Resp: 5269
 Ion Ratio Lower Upper
 101 100
 103 41.0 51.8 77.8#



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.012 ppbv
 RT: 4.083 min Scan# 460
 Delta R.T. 0.001 min
 Lab File: VL039632.D
 Acq: 19 Sep 2022 12:44

Tgt Ion:101 Resp: 1525
 Ion Ratio Lower Upper
 101 100
 151 0.0 58.9 88.3#

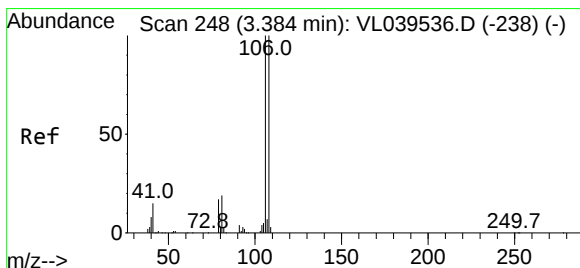
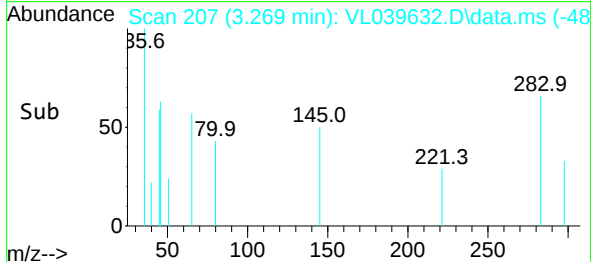
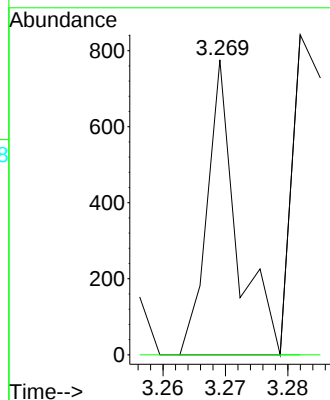
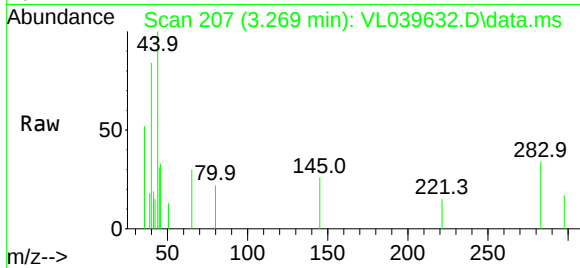




#13
 Ethanol
 Concen: 0.054 ppbv
 RT: 3.269 min Scan# 209
 Delta R.T. 0.010 min
 Lab File: VL039632.D
 Acq: 19 Sep 2022 12:44

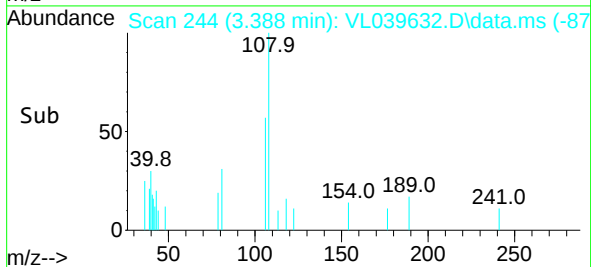
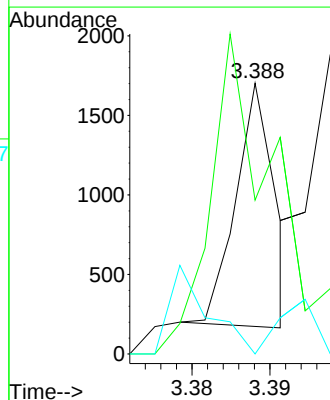
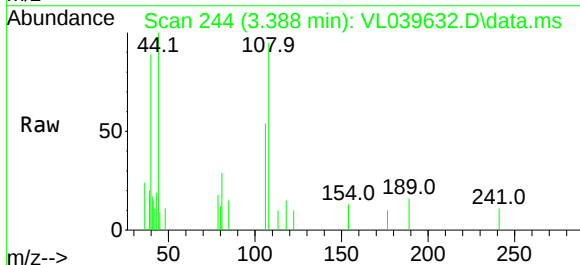
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.03

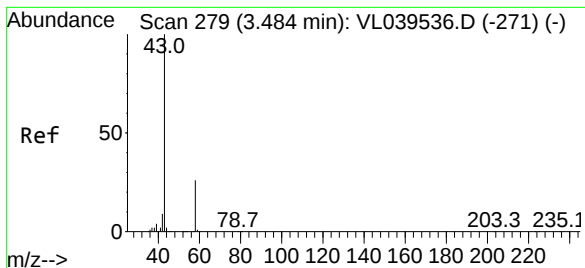
Tgt Ion: 45 Resp: 257
 Ion Ratio Lower Upper
 45 100
 46 0.0 22.8 91.2#



#14
 Bromoethene
 Concen: 0.011 ppbv
 RT: 3.388 min Scan# 244
 Delta R.T. 0.004 min
 Lab File: VL039632.D
 Acq: 19 Sep 2022 12:44

Tgt Ion: 108 Resp: 536
 Ion Ratio Lower Upper
 108 100
 106 328.0 87.1 130.7#
 79 75.7 14.6 22.0#





#15

Acetone

Concen: 0.002 ppbv

RT: 3.485 min Scan# 21

Delta R.T. 0.001 min

Lab File: VL039632.D

Acq: 19 Sep 2022 12:44

Instrument :

MSVOA_L

ClientSampleId :

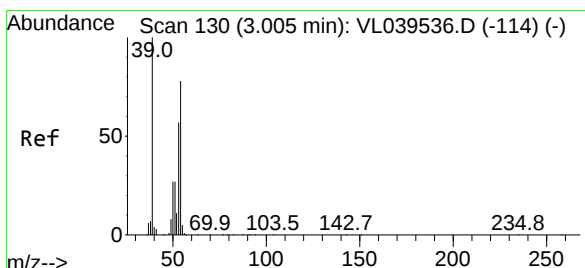
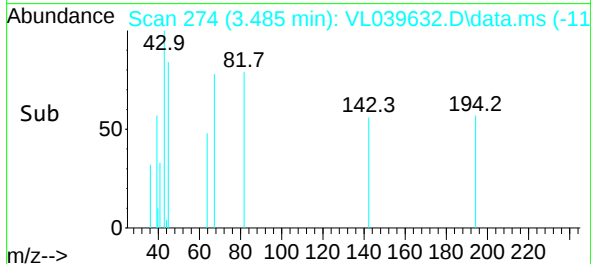
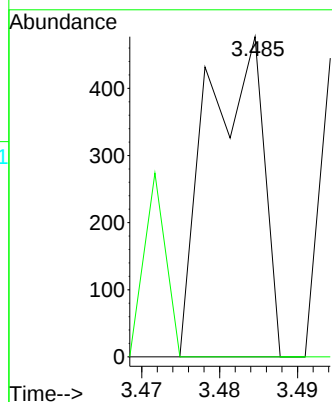
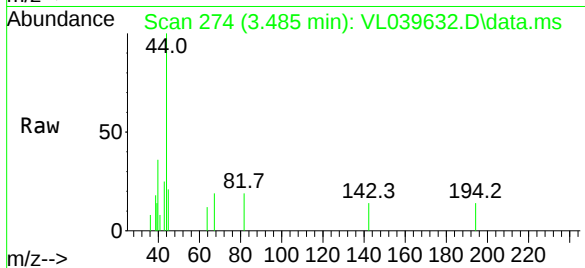
VSTDIC0.03

Tgt Ion: 43 Resp: 238

Ion Ratio Lower Upper

43 100

58 0.0 21.0 31.6#



#16

1,3-Butadiene

Concen: 0.006 ppbv

RT: 3.005 min Scan# 125

Delta R.T. 0.001 min

Lab File: VL039632.D

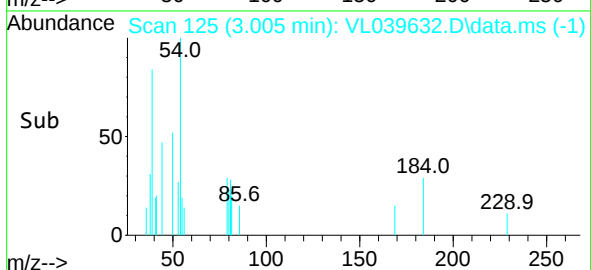
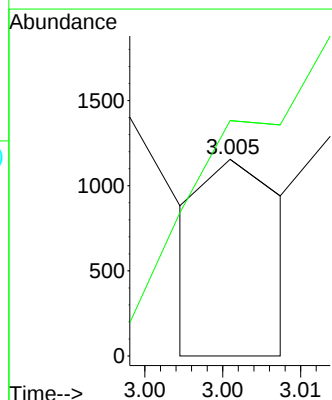
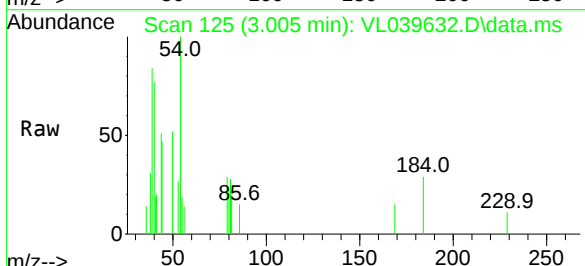
Acq: 19 Sep 2022 12:44

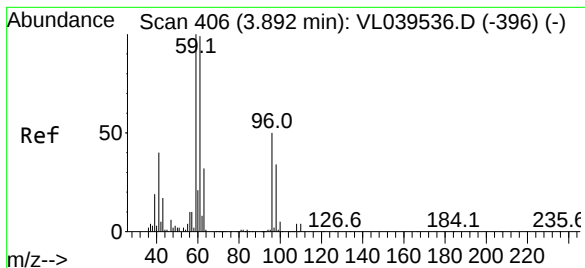
Tgt Ion: 39 Resp: 404

Ion Ratio Lower Upper

39 100

54 0.0 63.7 95.5#

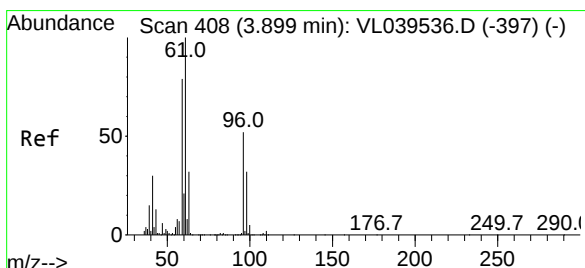
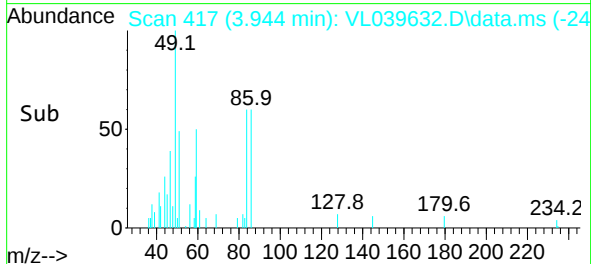
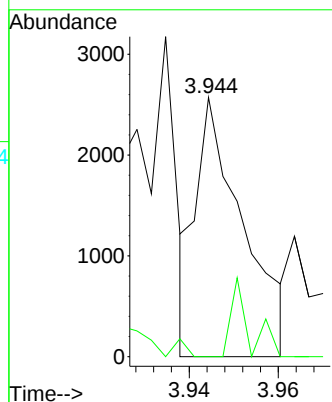
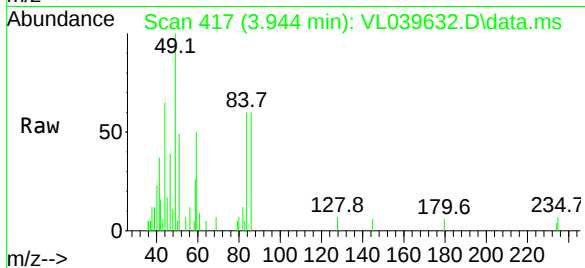




#17
tert-Butyl alcohol
Concen: 0.016 ppbv
RT: 3.944 min Scan# 417
Delta R.T. 0.052 min
Lab File: VL039632.D
Acq: 19 Sep 2022 12:44

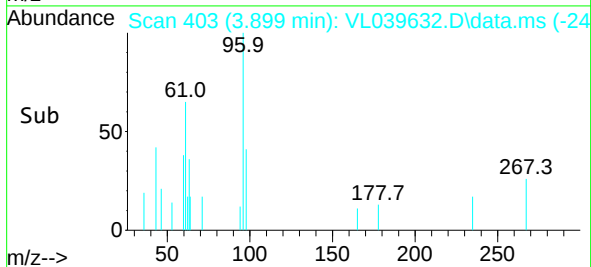
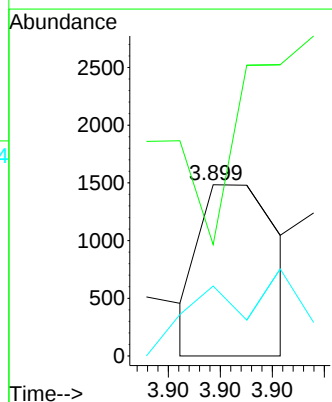
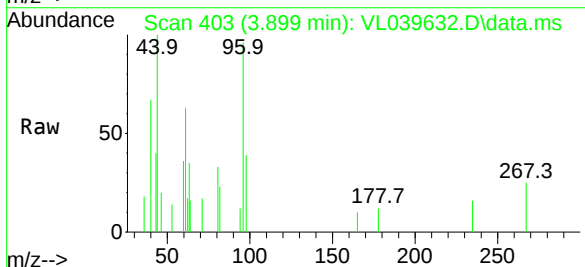
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03

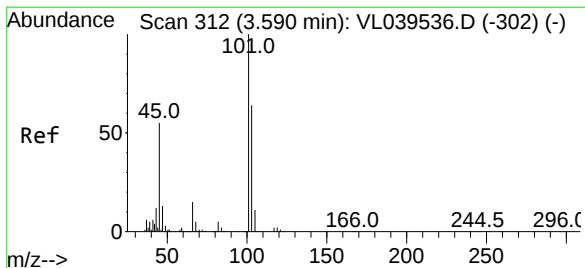
Tgt Ion: 59 Resp: 1895
Ion Ratio Lower Upper
59 100
57 11.8 8.7 13.1



#18
1,1-Dichloroethene
Concen: 0.014 ppbv
RT: 3.899 min Scan# 403
Delta R.T. 0.001 min
Lab File: VL039632.D
Acq: 19 Sep 2022 12:44

Tgt Ion: 96 Resp: 772
Ion Ratio Lower Upper
96 100
61 0.0 152.2 228.4#
98 24.0 51.8 77.6#

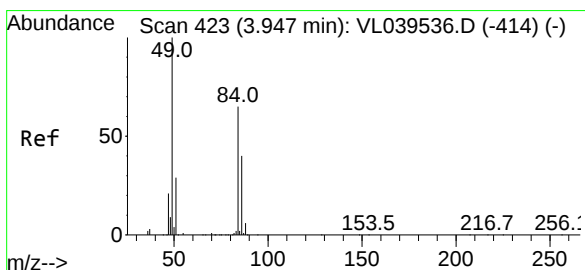
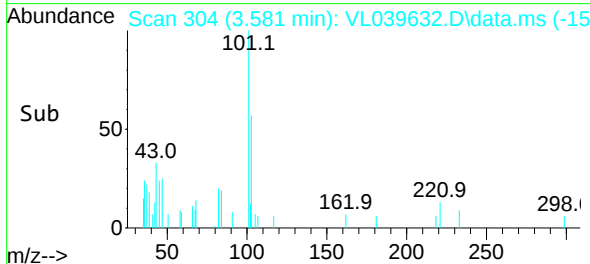
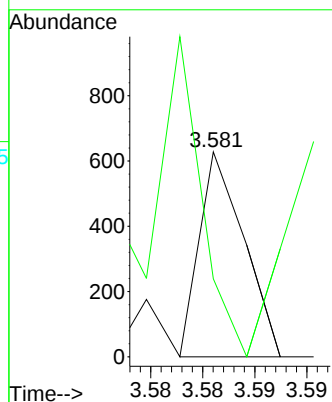
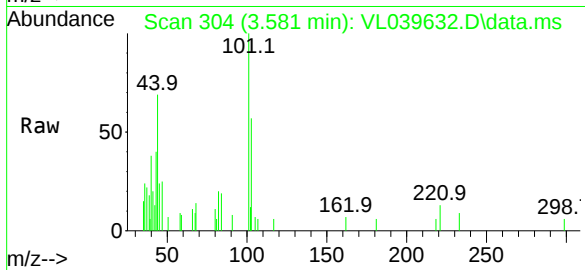




#19
Isopropyl Alcohol
Concen: 0.003 ppbv
RT: 3.581 min Scan# 304
Delta R.T. -0.009 min
Lab File: VL039632.D
Acq: 19 Sep 2022 12:44

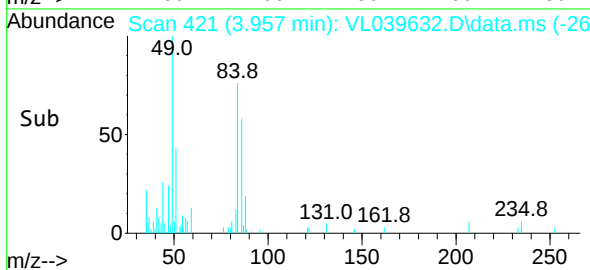
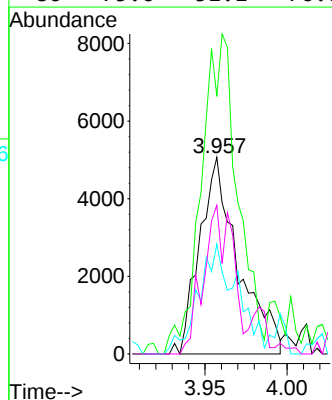
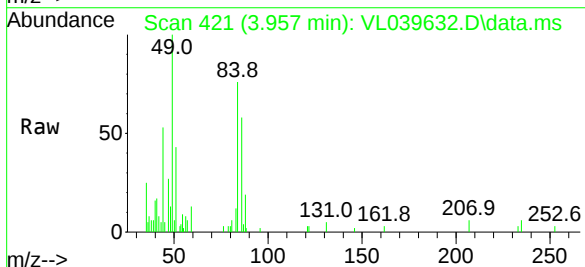
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03

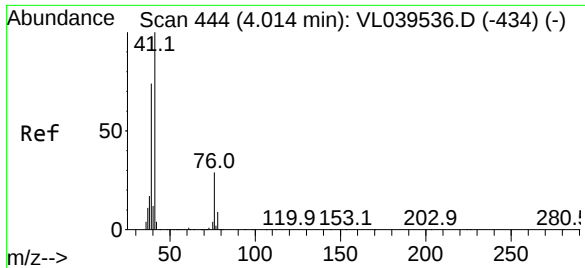
Tgt Ion: 45 Resp: 187
Ion Ratio Lower Upper
45 100
58 0.0 3.2 4.8#



#20
Methylene Chloride
Concen: 0.139 ppbv
RT: 3.957 min Scan# 421
Delta R.T. 0.010 min
Lab File: VL039632.D
Acq: 19 Sep 2022 12:44

Tgt Ion: 84 Resp: 8295
Ion Ratio Lower Upper
84 100
49 121.9 123.1 184.7#
51 48.9 34.4 51.6
86 75.6 51.1 76.7

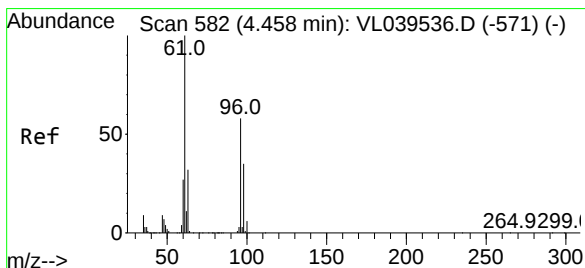
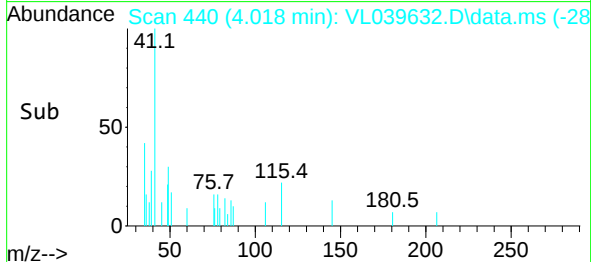
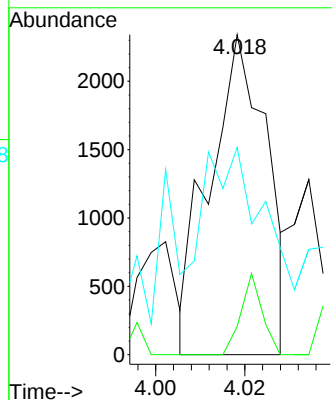
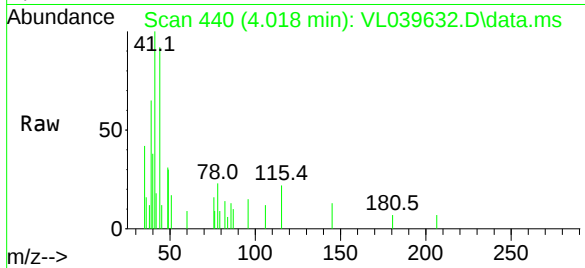




#21
 Allyl Chloride
 Concen: 0.024 ppbv
 RT: 4.018 min Scan# 444
 Delta R.T. 0.004 min
 Lab File: VL039632.D
 Acq: 19 Sep 2022 12:44

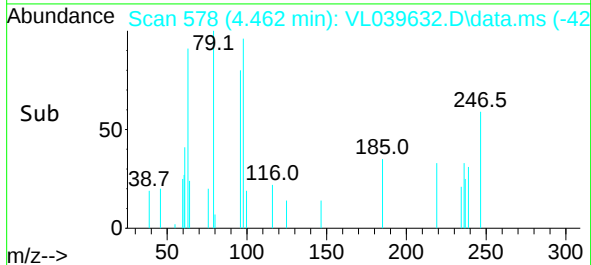
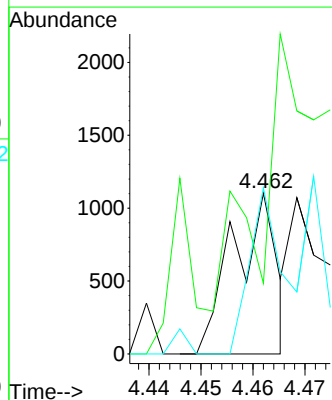
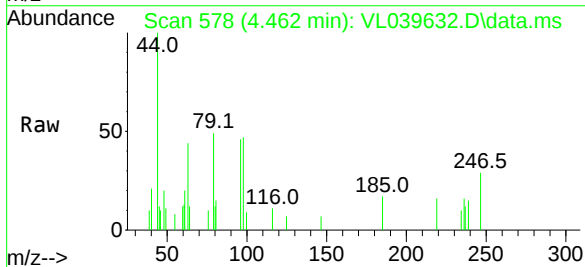
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.03

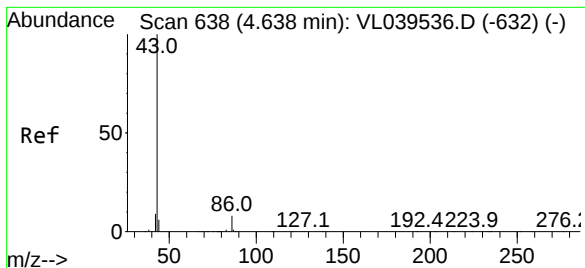
Tgt Ion: 41	Resp:	2092
Ion Ratio	Lower	Upper
41	100	
76	0.0	24.4 36.6#
39	156.5	63.5 95.3#



#22
 trans-1,2-Dichloroethene
 Concen: 0.012 ppbv
 RT: 4.462 min Scan# 578
 Delta R.T. 0.004 min
 Lab File: VL039632.D
 Acq: 19 Sep 2022 12:44

Tgt Ion: 96	Resp:	638
Ion Ratio	Lower	Upper
96	100	
61	0.0	130.6 195.8#
98	87.8	53.4 80.0#





#23

Vinyl Acetate

Concen: 0.007 ppbv

RT: 4.636 min Scan# 61

Delta R.T. -0.002 min

Lab File: VL039632.D

Acq: 19 Sep 2022 12:44

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.03

Tgt Ion: 43 Resp: 398

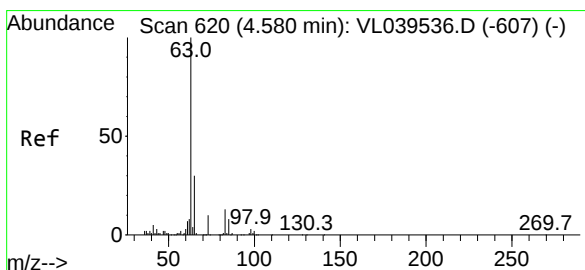
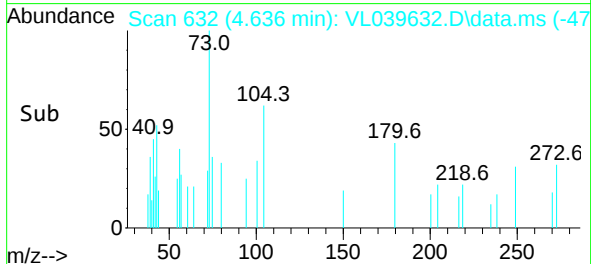
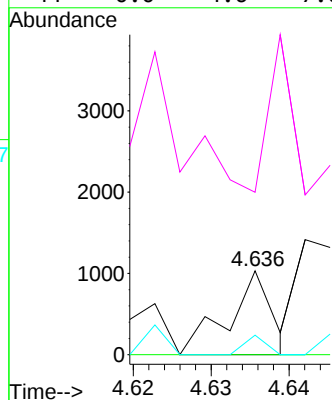
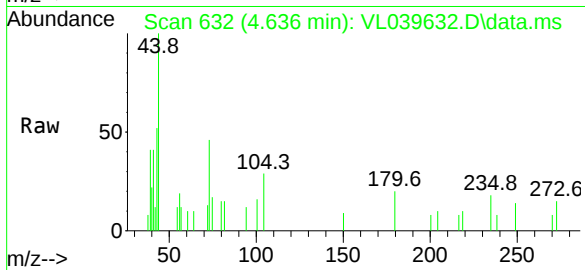
Ion Ratio Lower Upper

43 100

86 0.0 5.0 7.6#

42 8.0 7.7 11.5

44 0.0 4.6 7.0#



#24

1,1-Dichloroethane

Concen: 0.024 ppbv

RT: 4.584 min Scan# 616

Delta R.T. 0.004 min

Lab File: VL039632.D

Acq: 19 Sep 2022 12:44

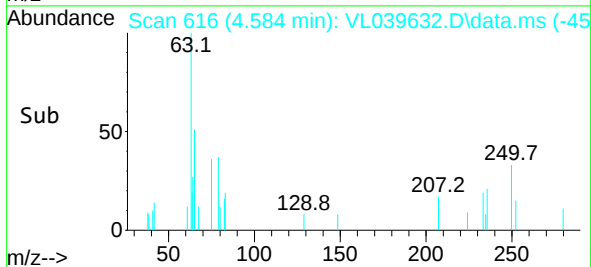
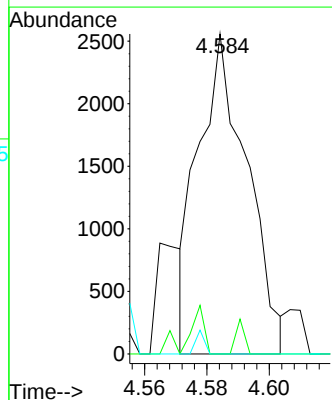
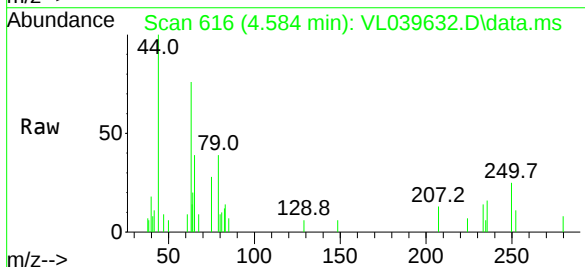
Tgt Ion: 63 Resp: 2771

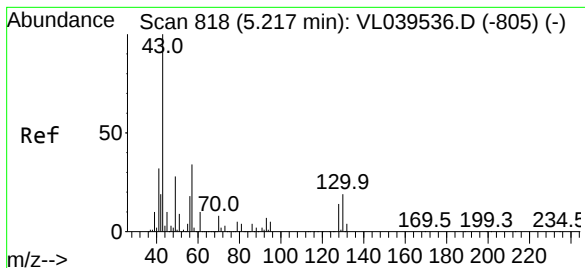
Ion Ratio Lower Upper

63 100

98 0.0 1.8 5.3#

100 0.0 1.5 4.4#

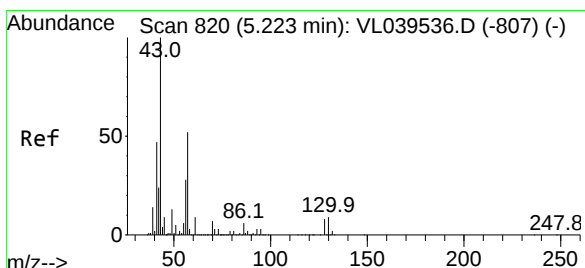
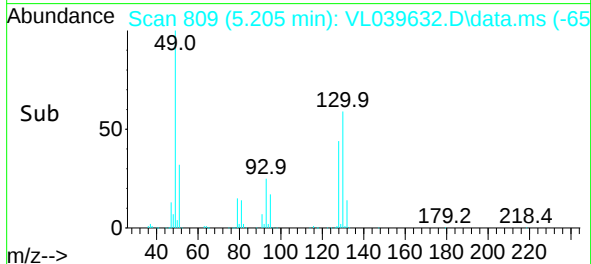
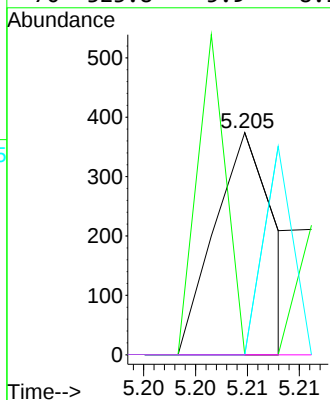
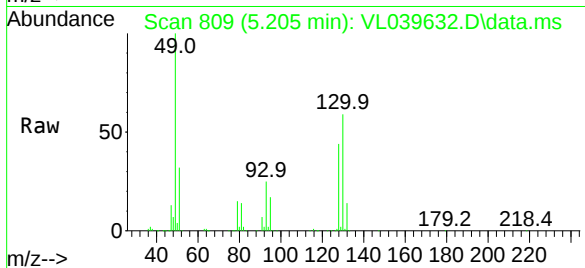




#25
Ethyl Acetate
Concen: 0.001 ppbv
RT: 5.205 min Scan# 809
Delta R.T. -0.012 min
Lab File: VL039632.D
Acq: 19 Sep 2022 12:44

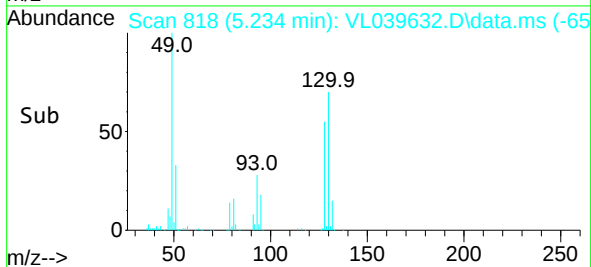
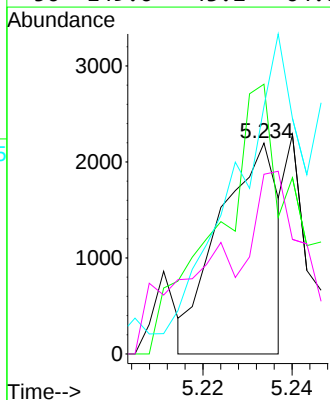
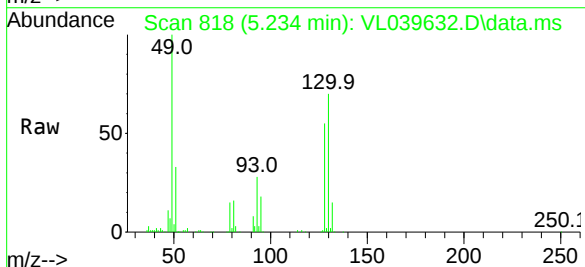
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.03

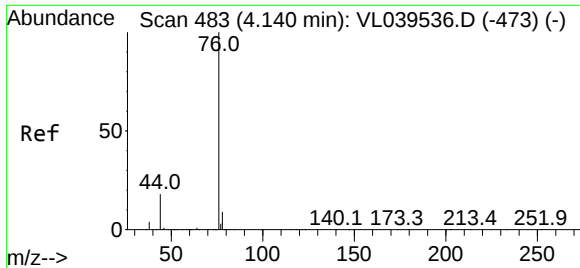
Tgt Ion:	43	Resp:	151
Ion	Ratio	Lower	Upper
43	100		
45	232.5	8.2	12.4#
61	0.0	8.3	12.5#
70	323.8	5.9	8.9#



#26
Hexane
Concen: 0.017 ppbv
RT: 5.234 min Scan# 818
Delta R.T. 0.010 min
Lab File: VL039632.D
Acq: 19 Sep 2022 12:44

Tgt Ion:	57	Resp:	2004
Ion	Ratio	Lower	Upper
57	100		
41	191.9	76.9	115.3#
43	330.2	191.0	286.6#
56	149.6	43.2	64.8#

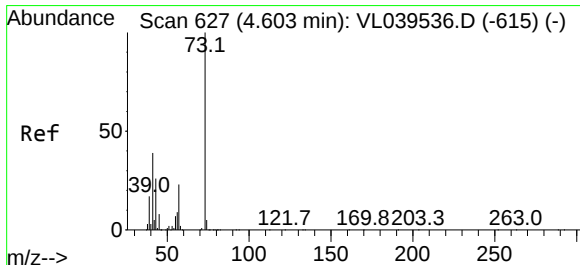
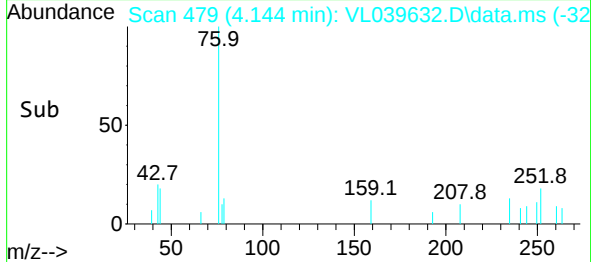
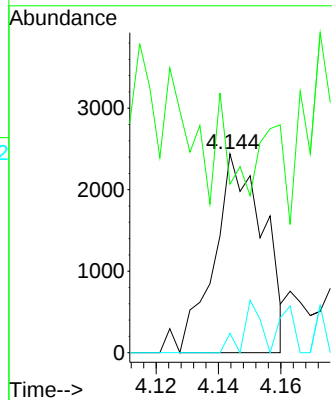
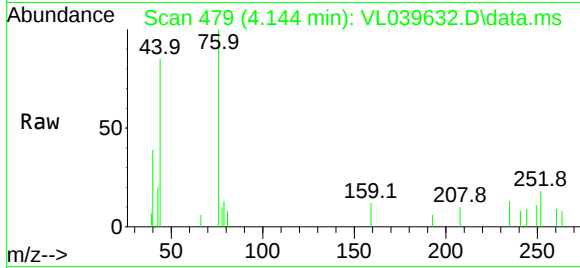




#27
Carbon Disulfide
Concen: 0.021 ppbv
RT: 4.144 min Scan# 41
Delta R.T. 0.004 min
Lab File: VL039632.D
Acq: 19 Sep 2022 12:44

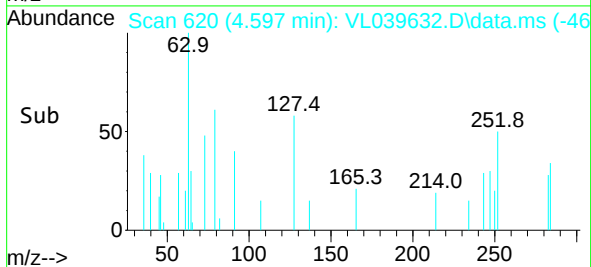
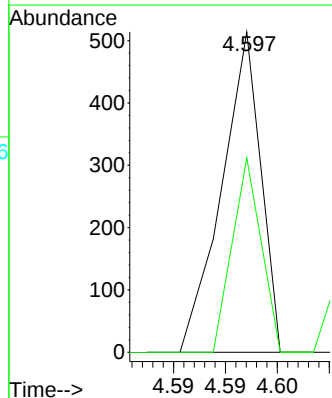
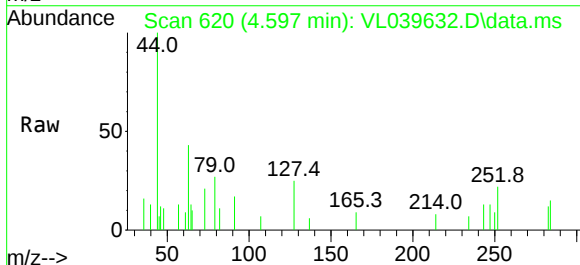
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.03

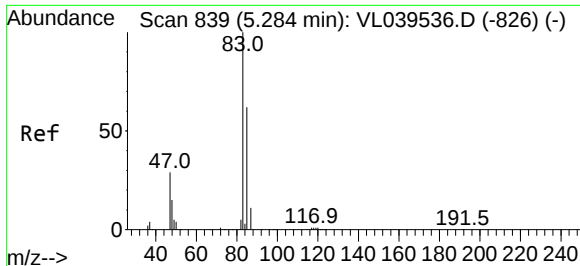
Tgt Ion: 76 Resp: 2642
Ion Ratio Lower Upper
76 100
44 41.4 14.6 21.8#
78 16.7 7.8 11.6#



#28
Methyl tert-Butyl Ether
Concen: 0.001 ppbv
RT: 4.597 min Scan# 620
Delta R.T. -0.006 min
Lab File: VL039632.D
Acq: 19 Sep 2022 12:44

Tgt Ion: 73 Resp: 134
Ion Ratio Lower Upper
73 100
57 0.0 19.8 29.8#





#29

Chloroform

Concen: 0.026 ppbv

RT: 5.295 min Scan# 81

Delta R.T. 0.010 min

Lab File: VL039632.D

Acq: 19 Sep 2022 12:44

Instrument :

MSVOA_L

ClientSampleId :

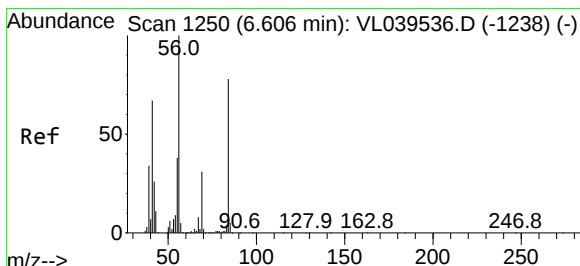
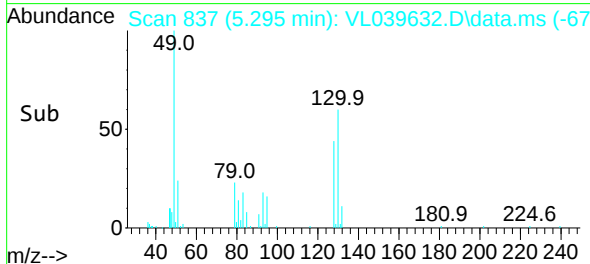
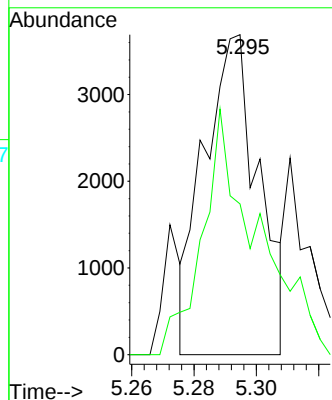
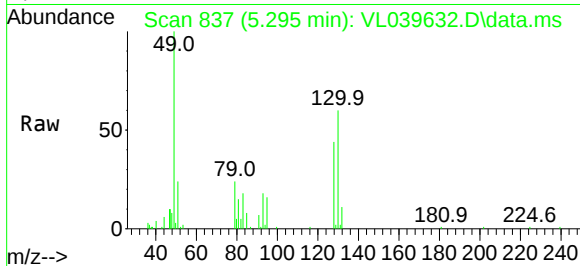
VSTDICC0.03

Tgt Ion: 83 Resp: 4514

Ion Ratio Lower Upper

83 100

85 47.3 52.8 79.2#



#30

Cyclohexane

Concen: 0.007 ppbv

RT: 6.613 min Scan# 1247

Delta R.T. 0.007 min

Lab File: VL039632.D

Acq: 19 Sep 2022 12:44

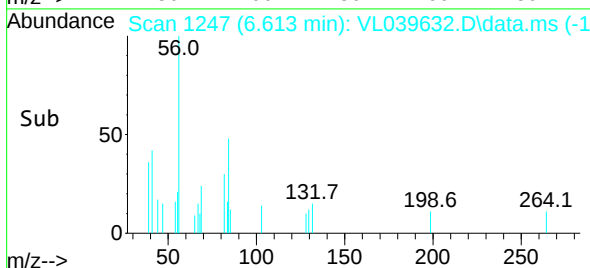
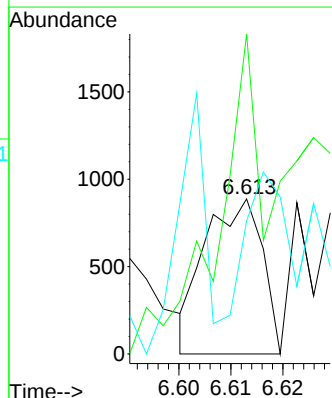
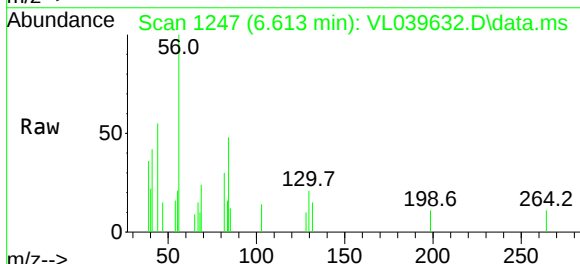
Tgt Ion: 84 Resp: 677

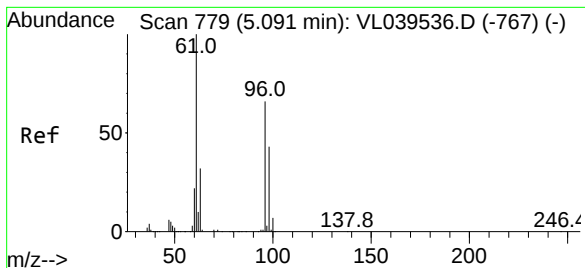
Ion Ratio Lower Upper

84 100

56 0.0 107.7 161.5#

41 91.9 67.7 101.5

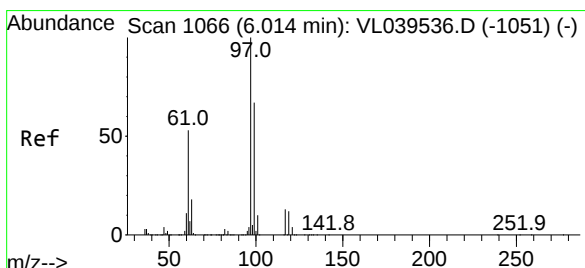
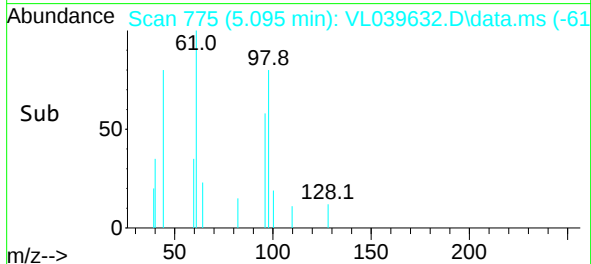
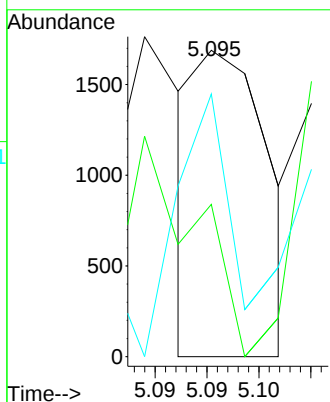
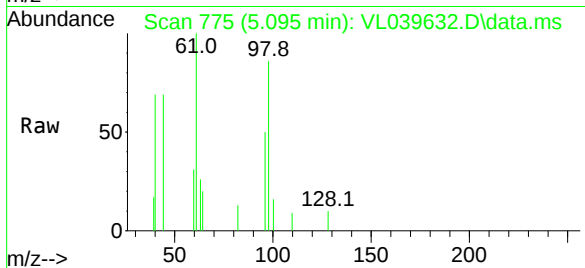




#31
 cis-1,2-Dichloroethene
 Concen: 0.007 ppbv
 RT: 5.095 min Scan# 71
 Delta R.T. 0.004 min
 Lab File: VL039632.D
 Acq: 19 Sep 2022 12:44

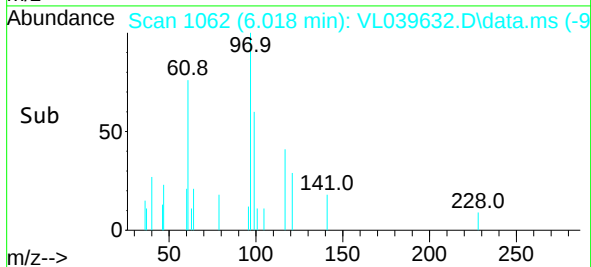
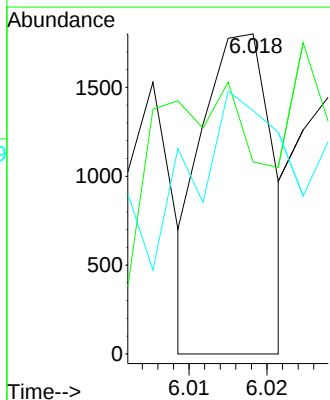
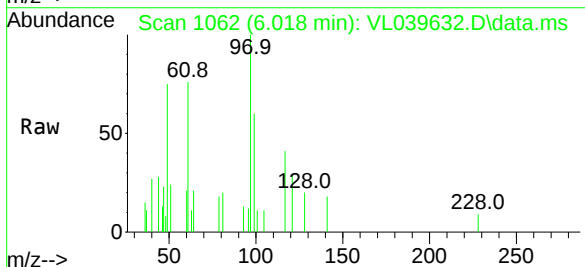
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.03

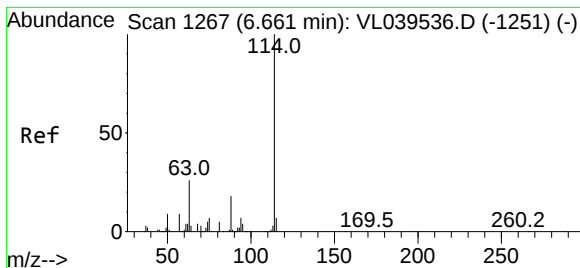
Tgt Ion: 61 Resp: 809
 Ion Ratio Lower Upper
 61 100
 96 83.8 54.1 81.1#
 98 127.7 34.6 52.0#



#32
 1,1,1-Trichloroethane
 Concen: 0.007 ppbv
 RT: 6.018 min Scan# 1062
 Delta R.T. 0.004 min
 Lab File: VL039632.D
 Acq: 19 Sep 2022 12:44

Tgt Ion: 97 Resp: 1128
 Ion Ratio Lower Upper
 97 100
 99 266.7 52.3 78.5#
 61 0.0 40.9 61.3#





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.668 min Scan# 114

Delta R.T. 0.007 min

Lab File: VL039632.D

Acq: 19 Sep 2022 12:44

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC0.03

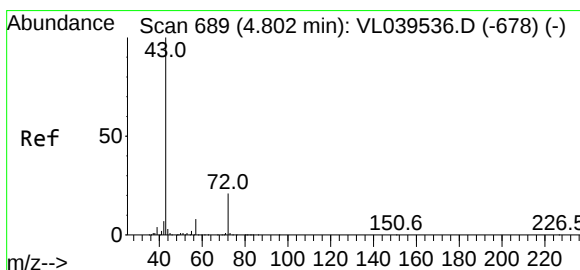
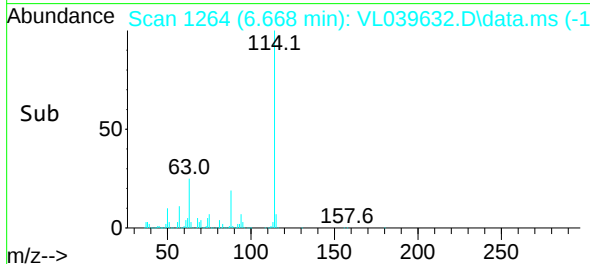
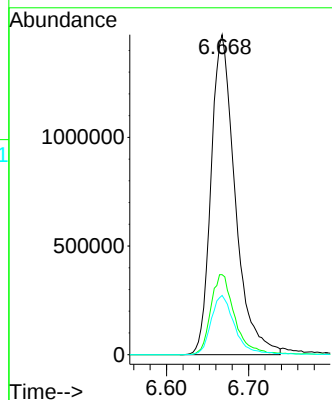
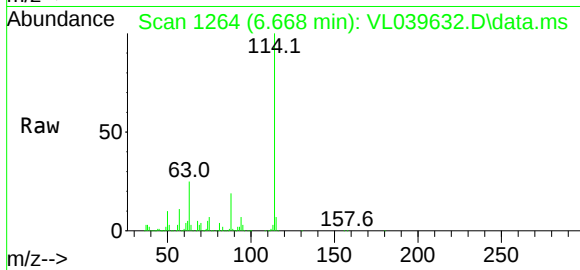
Tgt Ion:114 Resp: 3001075

Ion Ratio Lower Upper

114 100

63 25.5 20.2 30.4

88 18.5 14.5 21.7



#34

2-Butanone

Concen: 0.016 ppbv

RT: 4.829 min Scan# 692

Delta R.T. 0.026 min

Lab File: VL039632.D

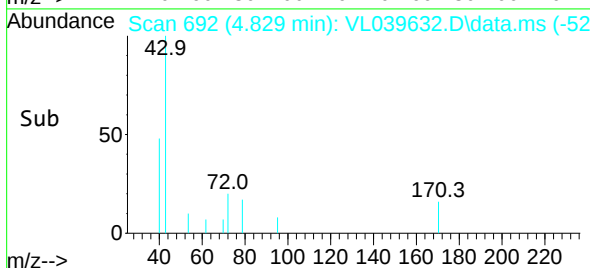
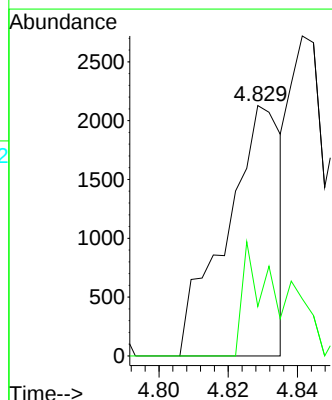
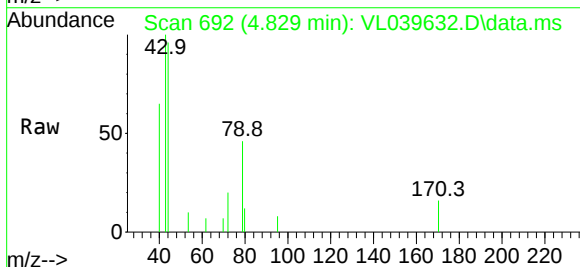
Acq: 19 Sep 2022 12:44

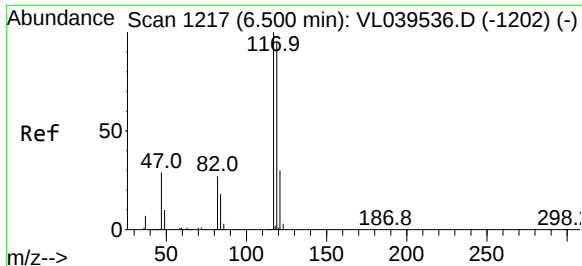
Tgt Ion: 43 Resp: 2336

Ion Ratio Lower Upper

43 100

72 43.5 17.9 26.9#

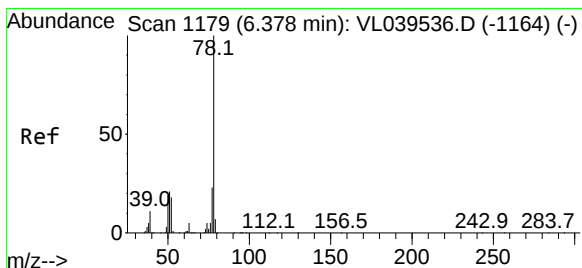
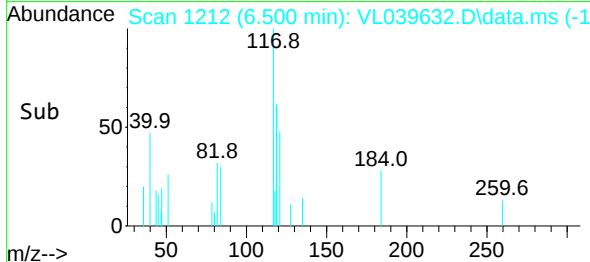
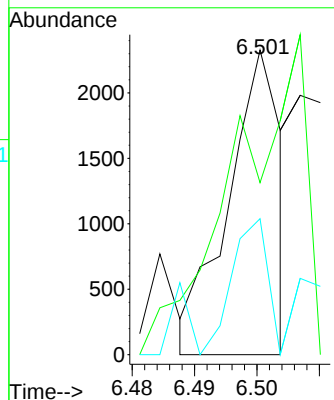
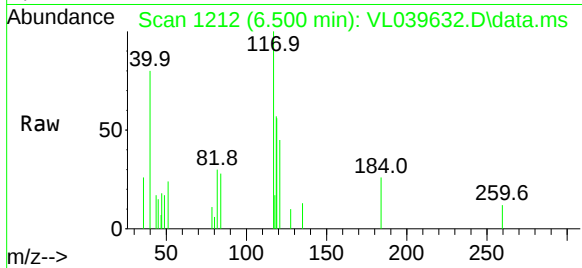




#35
Carbon Tetrachloride
Concen: 0.009 ppbv
RT: 6.500 min Scan# 1174
Delta R.T. 0.001 min
Lab File: VL039632.D
Acq: 19 Sep 2022 12:44

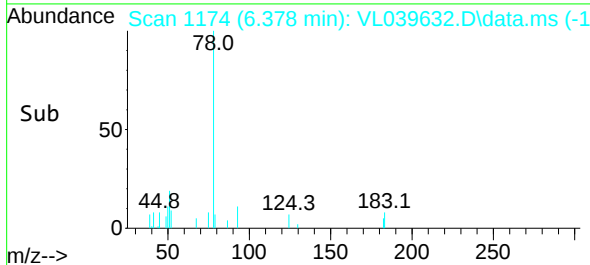
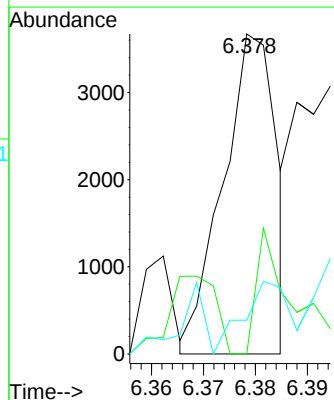
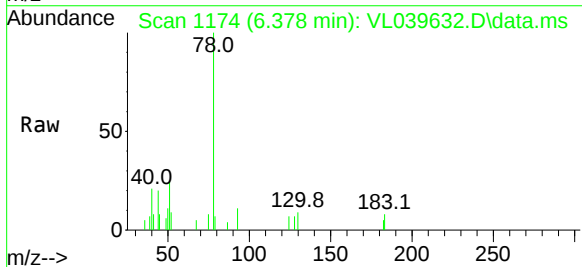
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.03

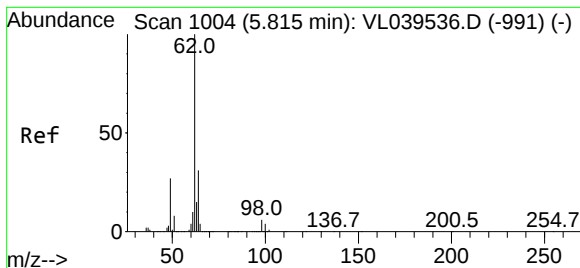
Tgt Ion: 117 Resp: 1371
Ion Ratio Lower Upper
117 100
119 36.7 75.4 113.2#
121 42.4 24.2 36.2#



#36
Benzene
Concen: 0.012 ppbv
RT: 6.378 min Scan# 1174
Delta R.T. 0.001 min
Lab File: VL039632.D
Acq: 19 Sep 2022 12:44

Tgt Ion: 78 Resp: 2639
Ion Ratio Lower Upper
78 100
77 0.0 20.3 30.5#
50 0.0 15.5 23.3#





#37

1,2-Dichloroethane

Concen: 0.004 ppbv

RT: 5.819 min Scan# 1000

Delta R.T. 0.004 min

Lab File: VL039632.D

Acq: 19 Sep 2022 12:44

Instrument :

MSVOA_L

ClientSampleId :

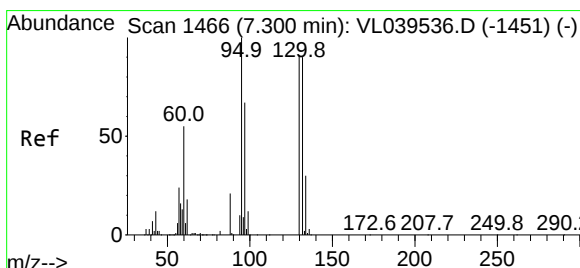
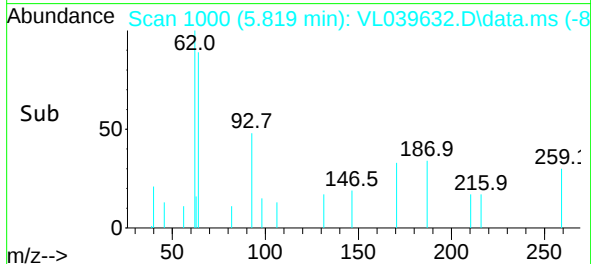
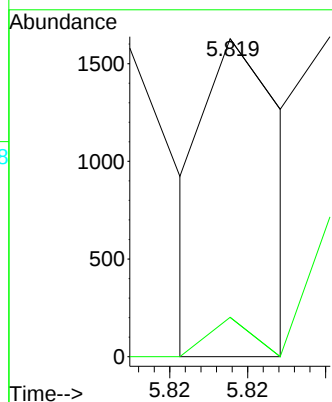
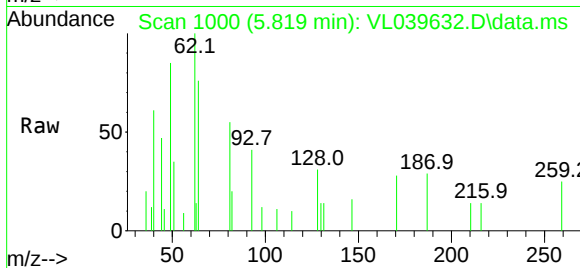
VSTDIC0.03

Tgt Ion: 62 Resp: 558

Ion Ratio Lower Upper

62 100

98 0.0 5.1 7.7#



#38

Trichloroethene

Concen: 0.008 ppbv

RT: 7.311 min Scan# 1464

Delta R.T. 0.010 min

Lab File: VL039632.D

Acq: 19 Sep 2022 12:44

Tgt Ion: 130 Resp: 1002

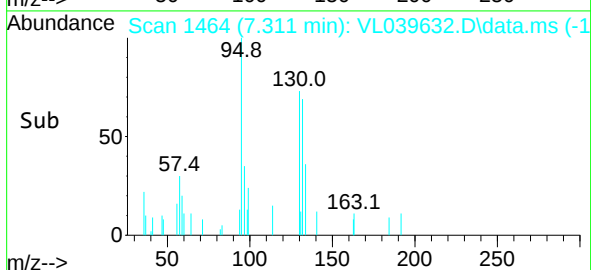
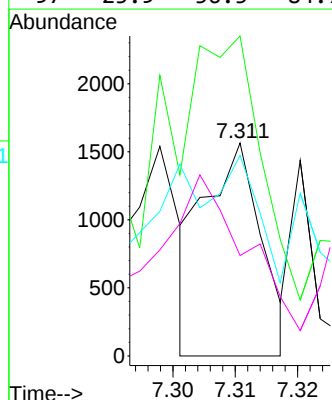
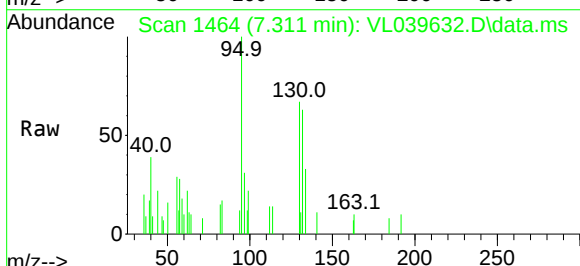
Ion Ratio Lower Upper

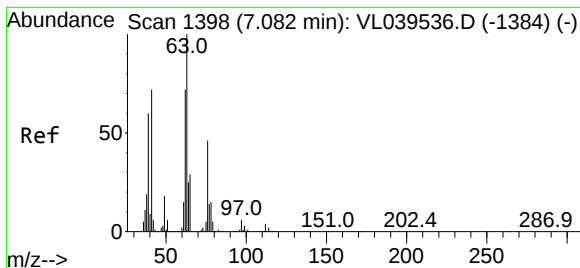
130 100

95 127.8 87.3 130.9

132 80.1 76.7 115.1

97 25.9 56.5 84.7#





#39

1,2-Dichloropropane

Concen: 8.336 ppbv

RT: 6.664 min Scan# 11

Delta R.T. -0.417 min

Lab File: VL039632.D

Acq: 19 Sep 2022 12:44

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.03

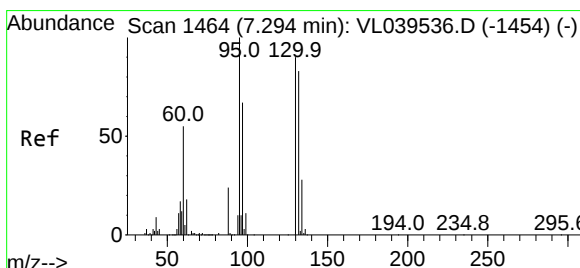
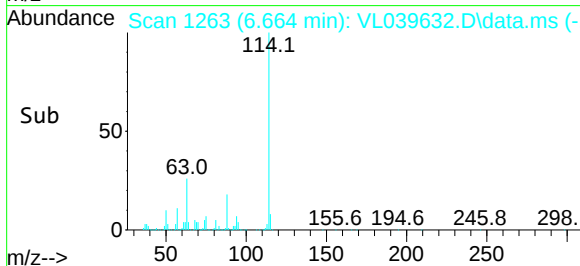
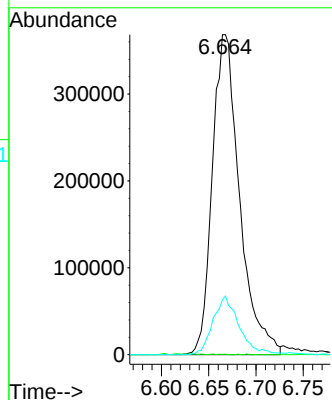
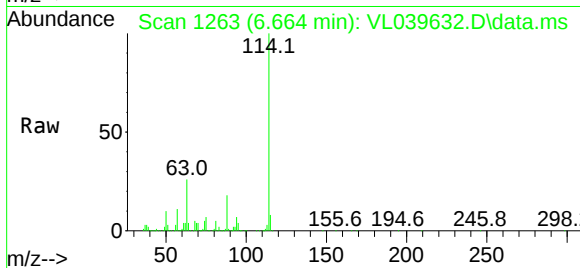
Tgt Ion: 63 Resp: 738532

Ion Ratio Lower Upper

63 100

41 0.1 59.6 89.4#

62 17.1 51.4 77.0#



#40

1,4-Dioxane

Concen: 0.004 ppbv

RT: 7.295 min Scan# 1459

Delta R.T. 0.001 min

Lab File: VL039632.D

Acq: 19 Sep 2022 12:44

Tgt Ion: 88 Resp: 128

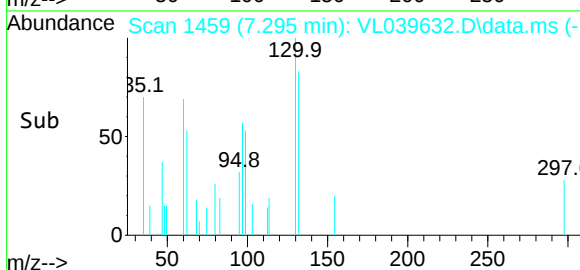
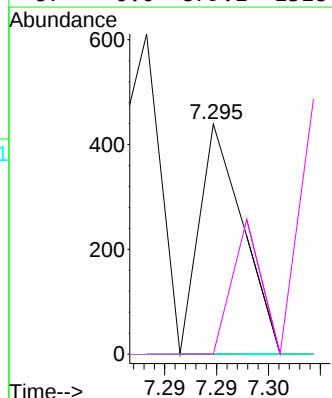
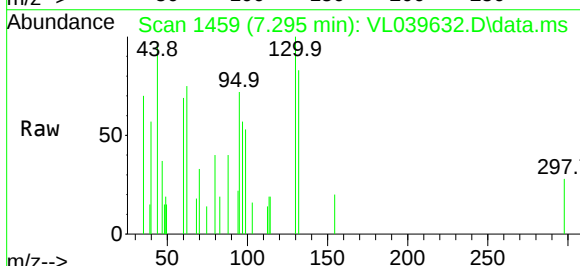
Ion Ratio Lower Upper

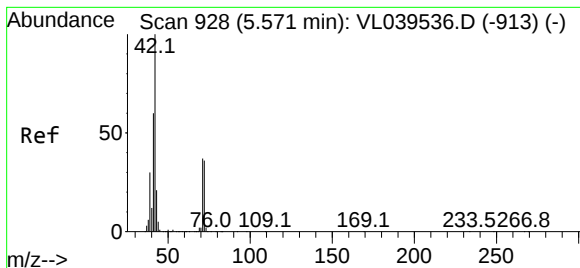
88 100

58 0.0 100.2 150.4#

43 0.0 205.8 308.6#

57 0.0 879.1 1318.7#





#41

Tetrahydrofuran

Concen: 0.003 ppbv

RT: 5.600 min Scan# 91

Delta R.T. 0.030 min

Lab File: VL039632.D

Acq: 19 Sep 2022 12:44

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC0.03

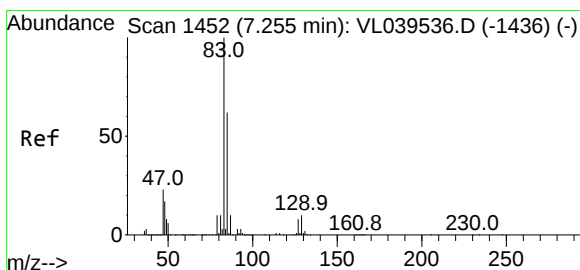
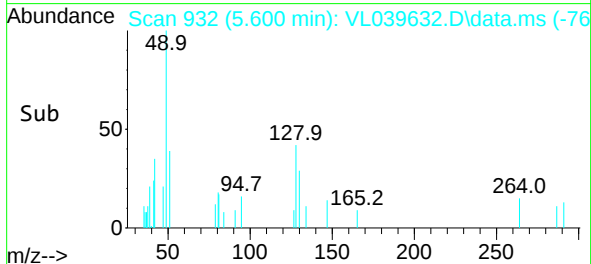
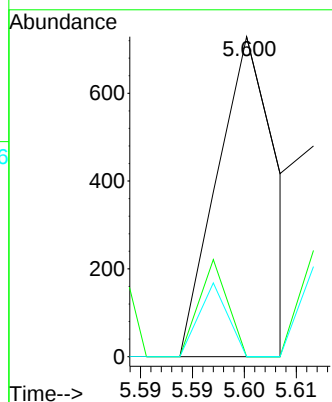
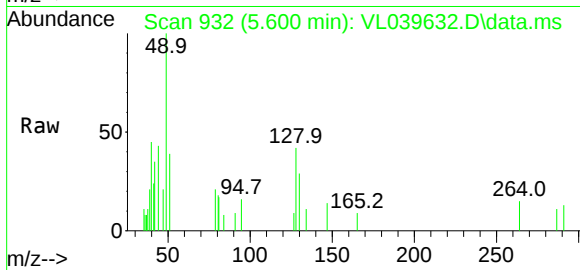
Tgt Ion: 42 Resp: 294

Ion Ratio Lower Upper

42 100

72 0.0 31.8 47.8#

71 12.9 31.8 47.8#



#42

Bromodichloromethane

Concen: 0.007 ppbv

RT: 7.266 min Scan# 1450

Delta R.T. 0.010 min

Lab File: VL039632.D

Acq: 19 Sep 2022 12:44

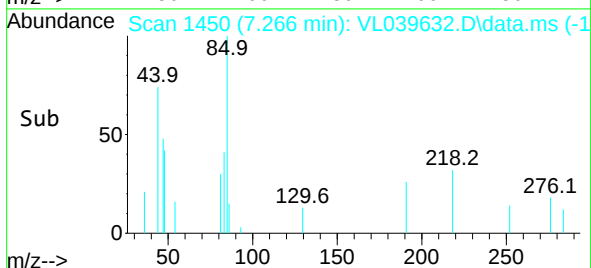
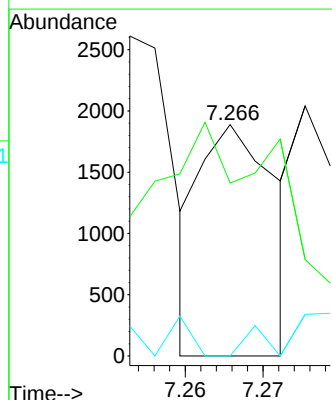
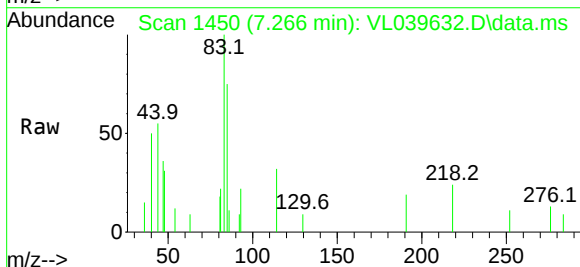
Tgt Ion: 83 Resp: 1257

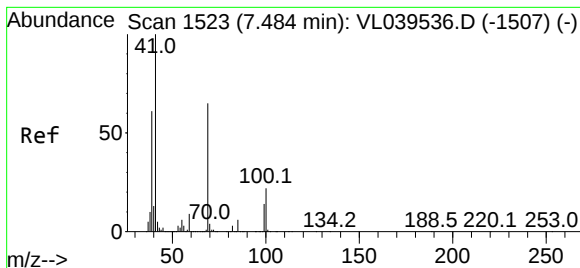
Ion Ratio Lower Upper

83 100

85 0.0 50.7 76.1#

127 0.0 6.6 9.8#





#43

Methyl Methacrylate

Concen: 0.004 ppbv

RT: 7.494 min Scan# 1

Delta R.T. 0.010 min

Lab File: VL039632.D

Acq: 19 Sep 2022 12:44

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC0.03

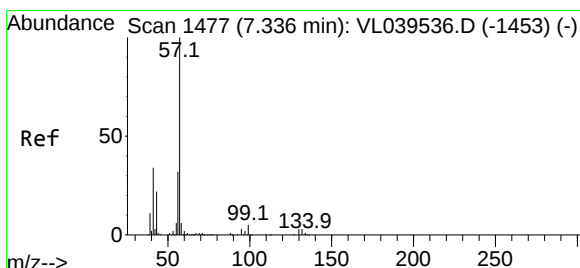
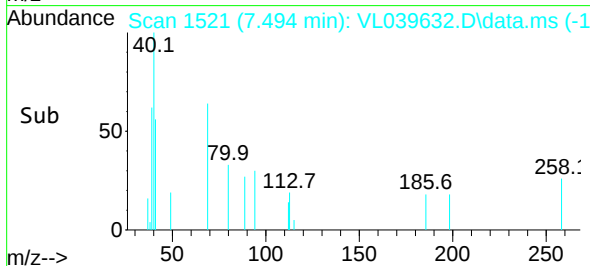
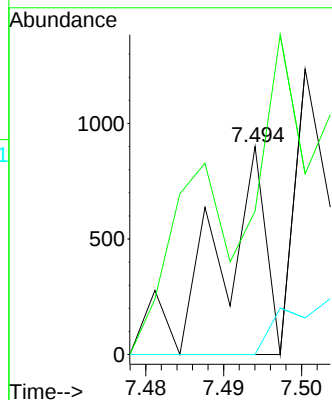
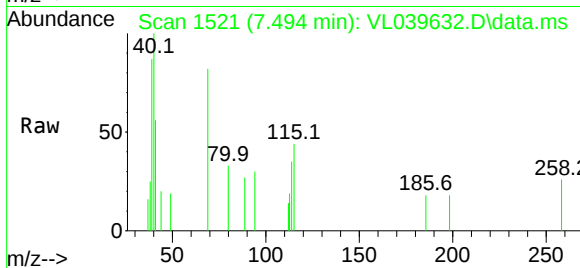
Tgt Ion: 69 Resp: 337

Ion Ratio Lower Upper

69 100

41 0.0 120.8 181.2#

100 0.0 27.8 41.6#



#44

2,2,4-Trimethylpentane

Concen: 0.004 ppbv

RT: 7.343 min Scan# 1474

Delta R.T. 0.007 min

Lab File: VL039632.D

Acq: 19 Sep 2022 12:44

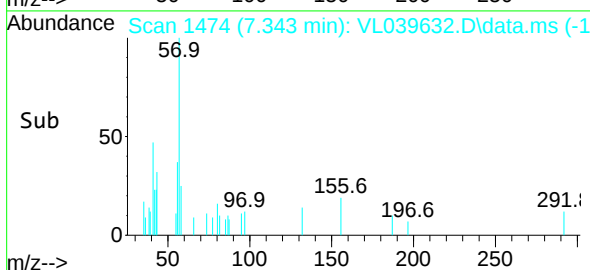
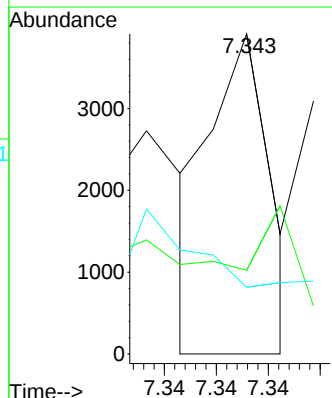
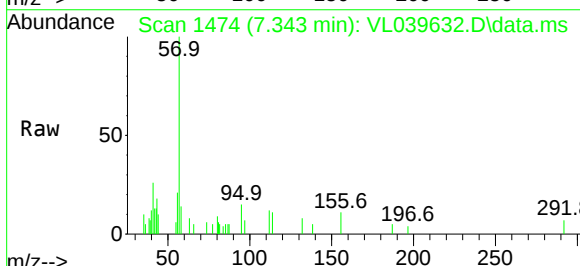
Tgt Ion: 57 Resp: 1568

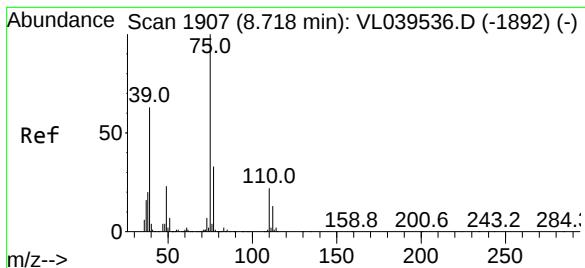
Ion Ratio Lower Upper

57 100

41 0.0 27.4 41.2#

56 0.0 24.5 36.7#

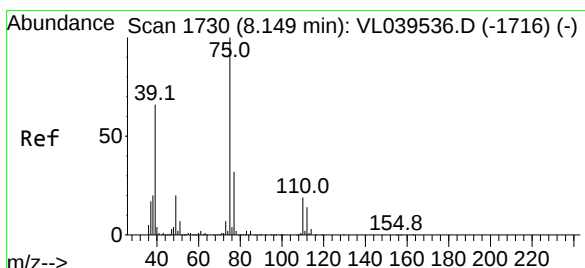
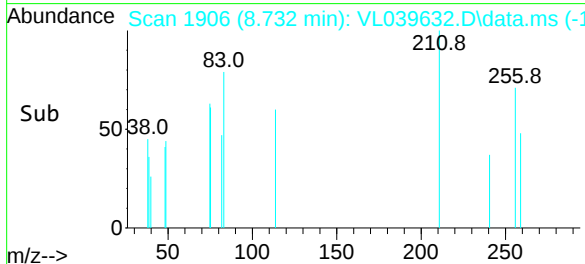
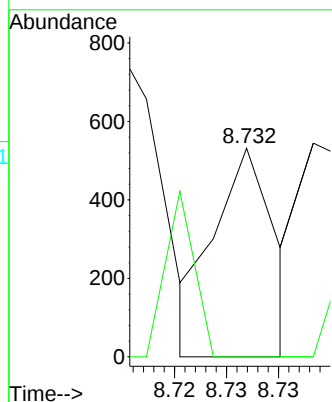
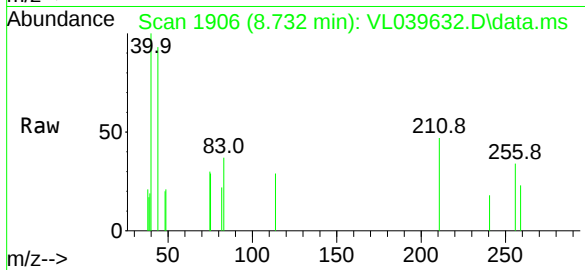




#45
 t-1,3-Dichloropropene
 Concen: 0.003 ppbv
 RT: 8.732 min Scan# 1907
 Delta R.T. 0.014 min
 Lab File: VL039632.D
 Acq: 19 Sep 2022 12:44

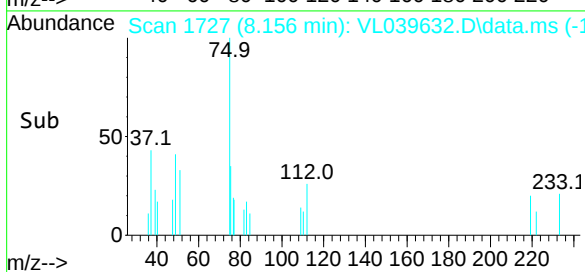
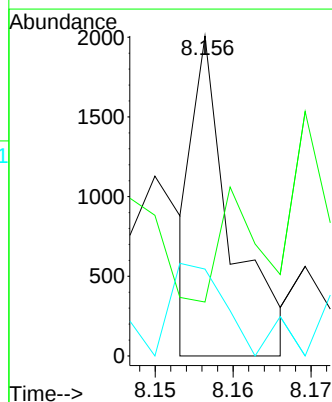
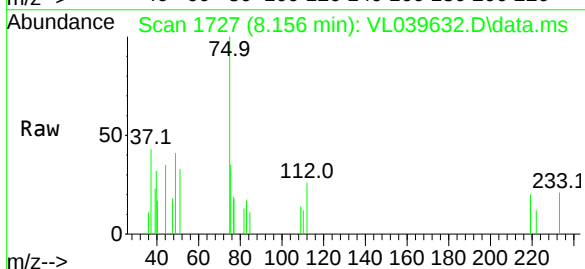
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.03

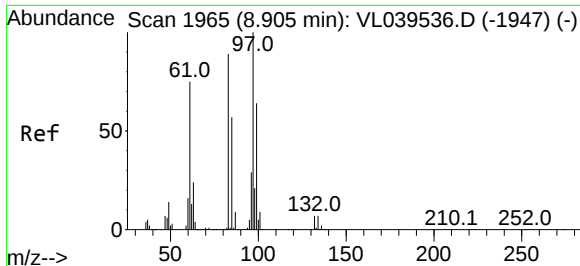
Tgt Ion: 75 Resp: 215
 Ion Ratio Lower Upper
 75 100
 77 0.0 24.6 36.8#



#46
 cis-1,3-Dichloropropene
 Concen: 0.007 ppbv
 RT: 8.156 min Scan# 1727
 Delta R.T. 0.007 min
 Lab File: VL039632.D
 Acq: 19 Sep 2022 12:44

Tgt Ion: 75 Resp: 674
 Ion Ratio Lower Upper
 75 100
 39 25.9 55.0 82.4#
 77 17.5 25.7 38.5#

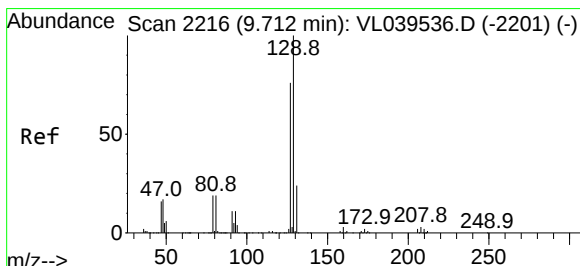
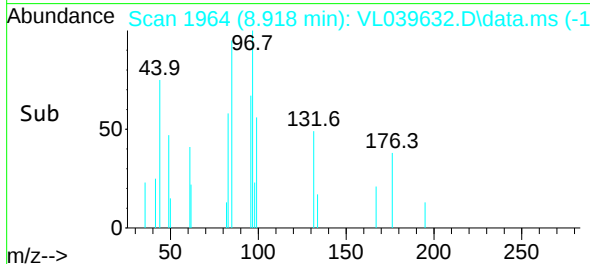
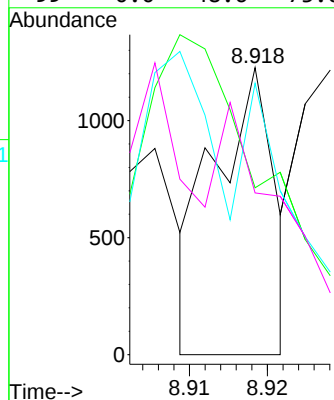
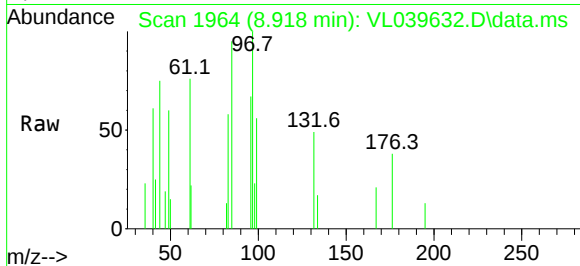




#47
1,1,2-Trichloroethane
Concen: 0.007 ppbv
RT: 8.918 min Scan# 1964
Delta R.T. 0.014 min
Lab File: VL039632.D
Acq: 19 Sep 2022 12:44

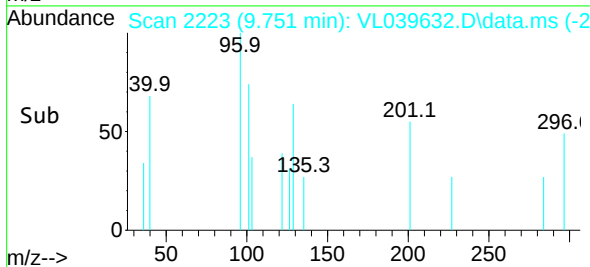
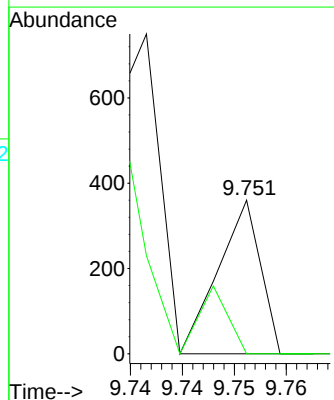
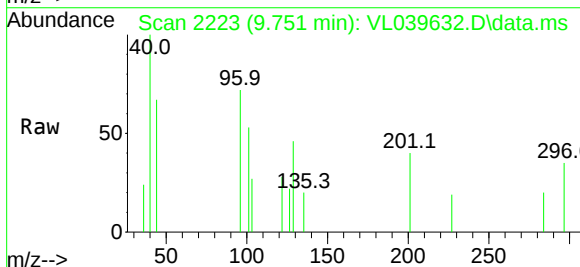
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.03

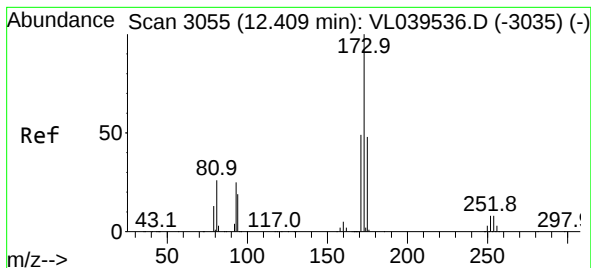
Tgt Ion:	97	Resp:	664
Ion	Ratio	Lower	Upper
97	100		
83	0.0	67.4	101.0#
85	65.2	45.1	67.7
99	0.0	48.6	73.0#



#48
Dibromochloromethane
Concen: 0.001 ppbv
RT: 9.751 min Scan# 2223
Delta R.T. 0.039 min
Lab File: VL039632.D
Acq: 19 Sep 2022 12:44

Tgt Ion:	129	Resp:	102
Ion	Ratio	Lower	Upper
129	100		
127	66.7	39.3	117.9





#49

Bromoform

Concen: 0.006 ppbv

RT: 12.420 min Scan# 3055

Delta R.T. 0.010 min

Lab File: VL039632.D

Acq: 19 Sep 2022 12:44

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.03

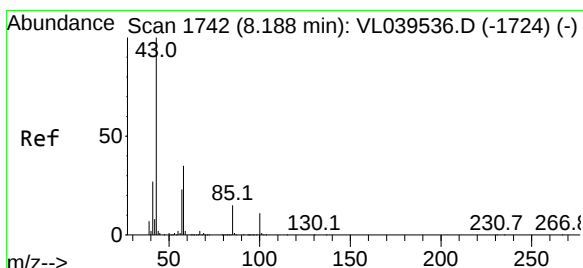
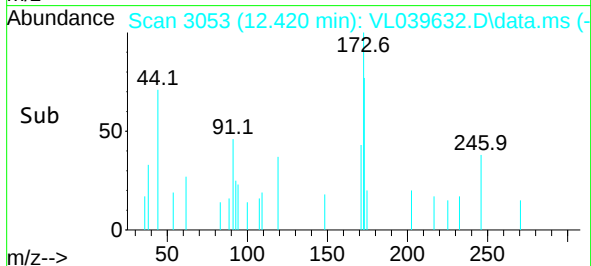
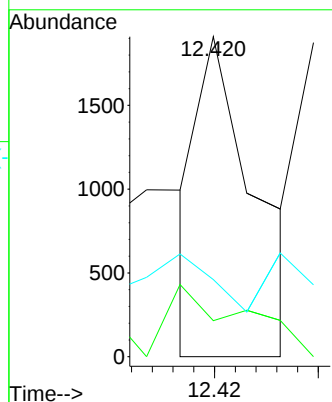
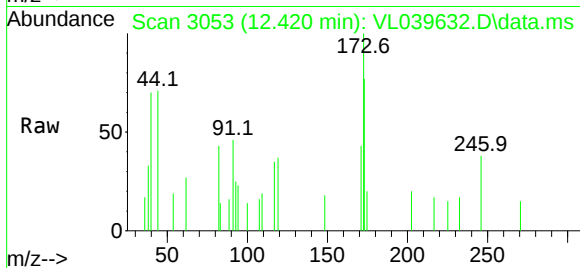
Tgt Ion:173 Resp: 727

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: 0.002 ppbv

RT: 8.221 min Scan# 1747

Delta R.T. 0.033 min

Lab File: VL039632.D

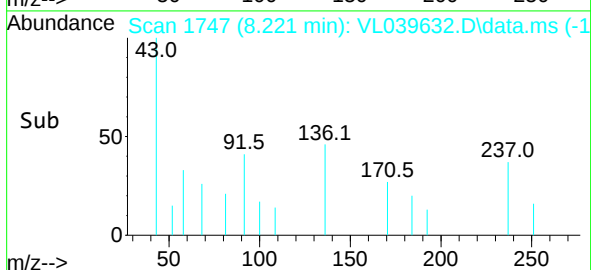
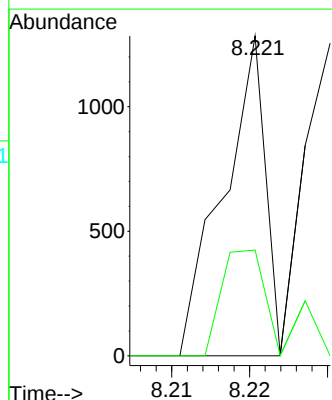
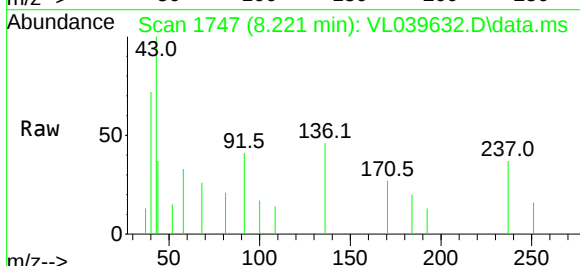
Acq: 19 Sep 2022 12:44

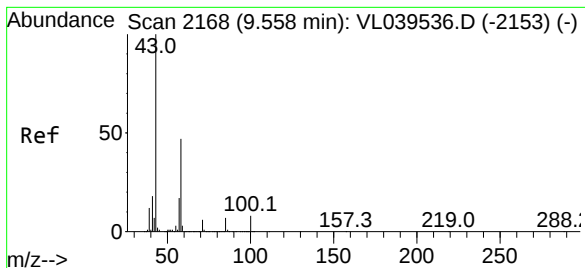
Tgt Ion: 43 Resp: 482

Ion Ratio Lower Upper

43 100

58 120.7 28.8 43.2#

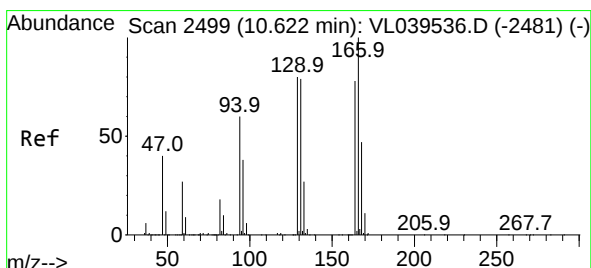
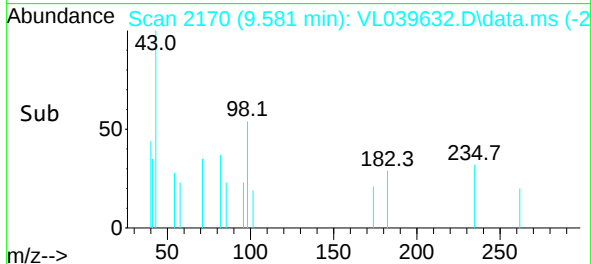
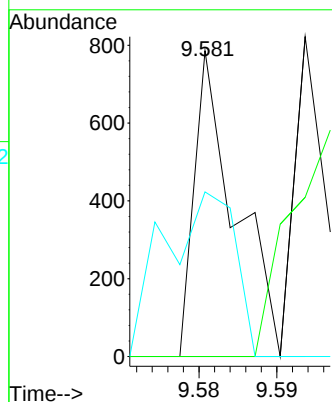
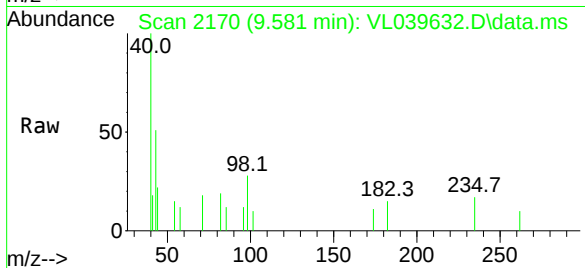




#51
2-Hexanone
Concen: 0.002 ppbv
RT: 9.581 min Scan# 2168
Delta R.T. 0.023 min
Lab File: VL039632.D
Acq: 19 Sep 2022 12:44

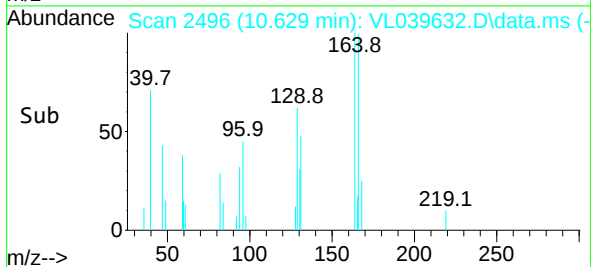
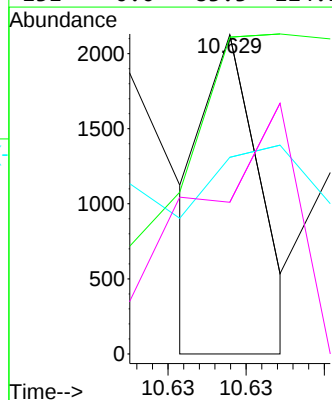
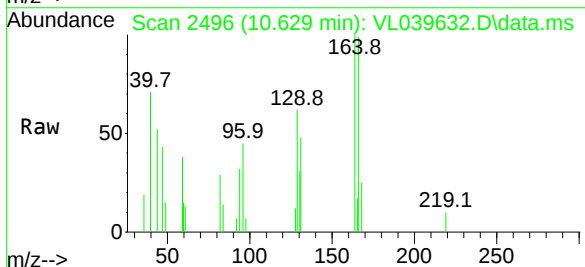
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.03

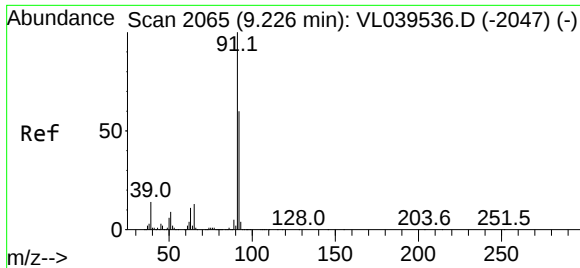
Tgt Ion: 43 Resp: 287
Ion Ratio Lower Upper
43 100
58 0.0 38.4 57.6#
98 93.4 0.3 0.5#



#52
Tetrachloroethene
Concen: 0.006 ppbv
RT: 10.629 min Scan# 2496
Delta R.T. 0.007 min
Lab File: VL039632.D
Acq: 19 Sep 2022 12:44

Tgt Ion: 164 Resp: 512
Ion Ratio Lower Upper
164 100
166 64.9 102.2 153.2#
129 25.5 85.8 128.8#
131 0.0 83.3 124.9#

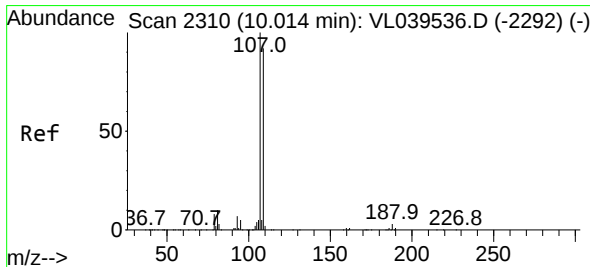
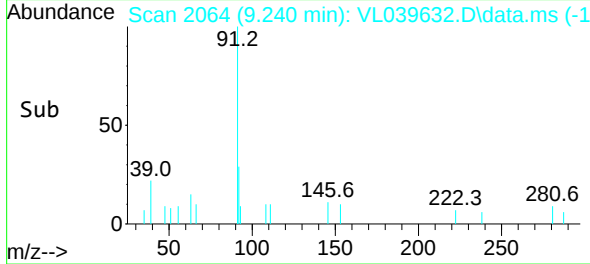
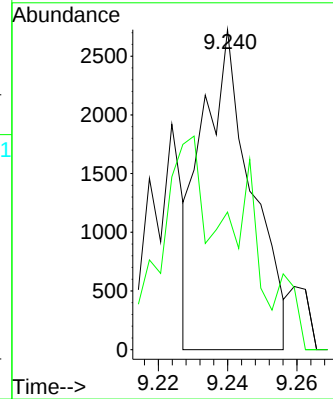
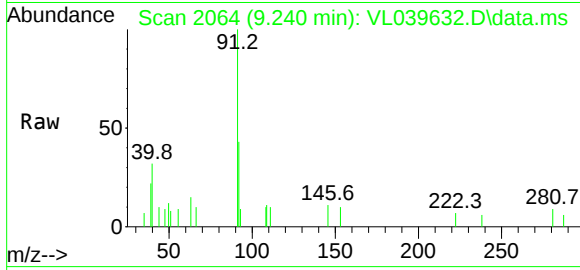




#53
Toluene
Concen: 0.011 ppbv
RT: 9.240 min Scan# 2065
Delta R.T. 0.014 min
Lab File: VL039632.D
Acq: 19 Sep 2022 12:44

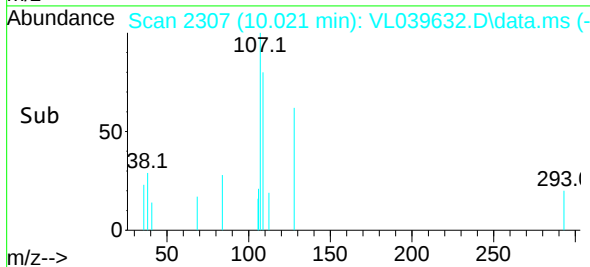
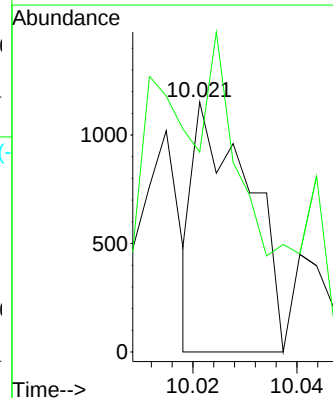
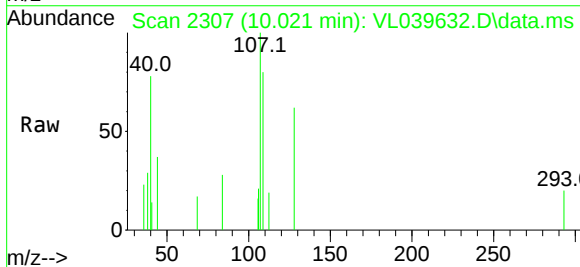
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03

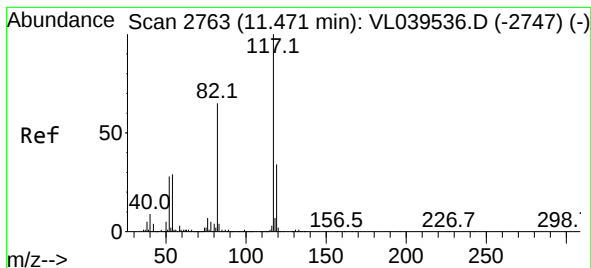
Tgt Ion: 91 Resp: 2693
Ion Ratio Lower Upper
91 100
92 0.0 48.2 72.2#



#54
1,2-Dibromoethane
Concen: 0.008 ppbv
RT: 10.021 min Scan# 2307
Delta R.T. 0.007 min
Lab File: VL039632.D
Acq: 19 Sep 2022 12:44

Tgt Ion: 107 Resp: 849
Ion Ratio Lower Upper
107 100
109 36.9 74.8 112.2#





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.478 min Scan# 21

Delta R.T. 0.007 min

Lab File: VL039632.D

Acq: 19 Sep 2022 12:44

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.03

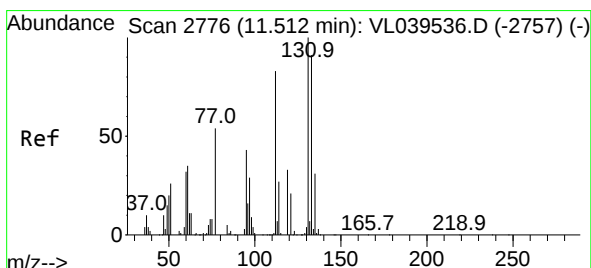
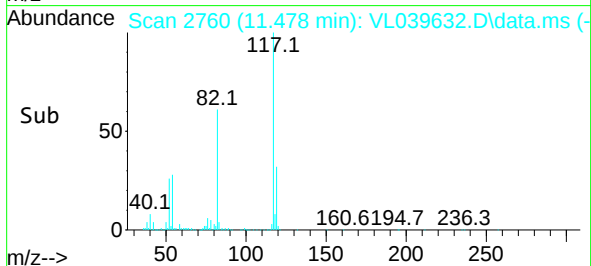
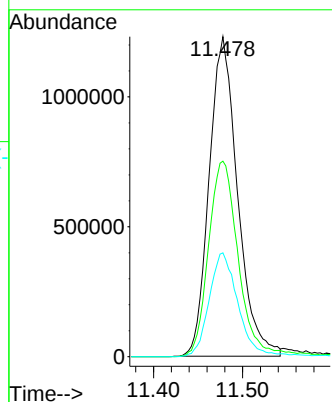
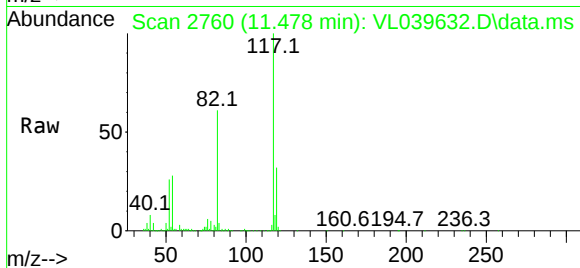
Tgt Ion:117 Resp: 2727891

Ion Ratio Lower Upper

117 100

82 65.6 50.8 76.2

119 33.8 24.1 36.1



#56

1,1,1,2-Tetrachloroethane

Concen: 0.008 ppbv

RT: 11.523 min Scan# 2774

Delta R.T. 0.010 min

Lab File: VL039632.D

Acq: 19 Sep 2022 12:44

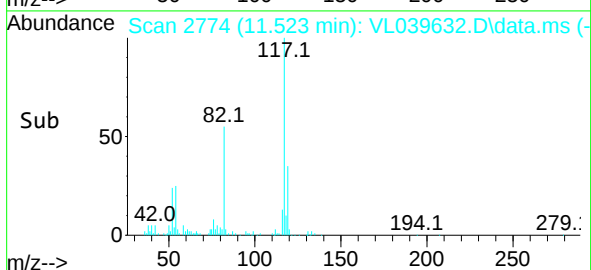
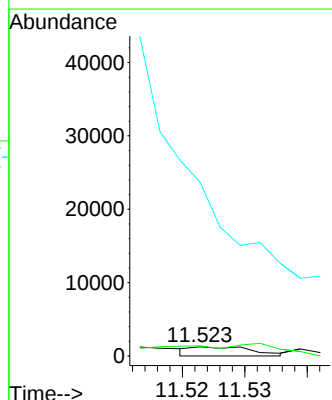
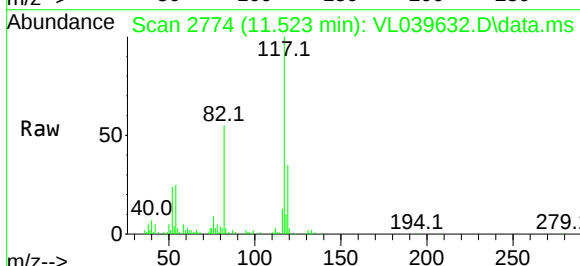
Tgt Ion:131 Resp: 833

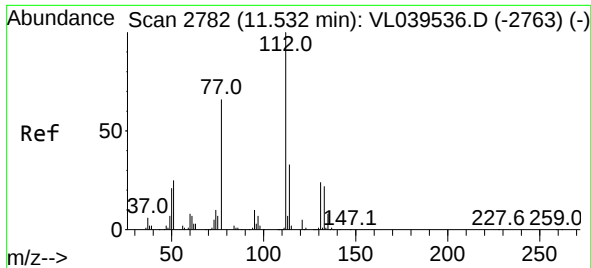
Ion Ratio Lower Upper

131 100

133 0.0 76.8 115.2#

119 0.0 46.2 69.4#

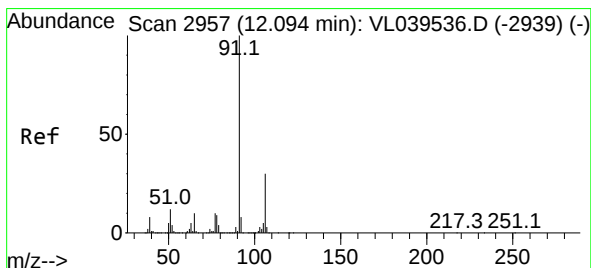
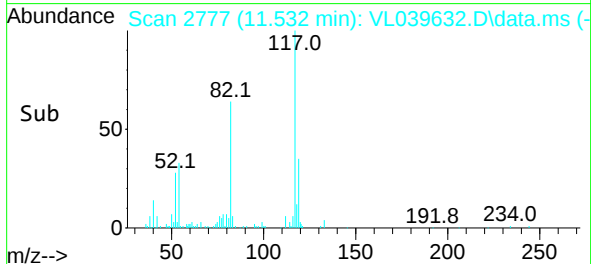
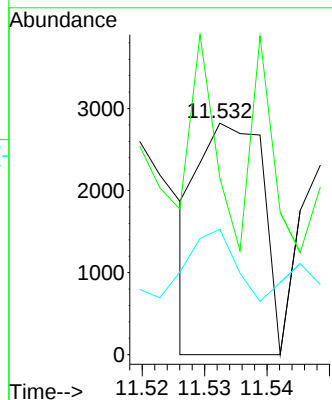
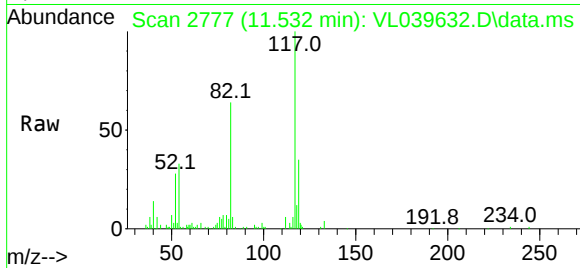




#57
Chlorobenzene
Concen: 0.010 ppbv
RT: 11.532 min Scan# 21
Delta R.T. 0.001 min
Lab File: VL039632.D
Acq: 19 Sep 2022 12:44

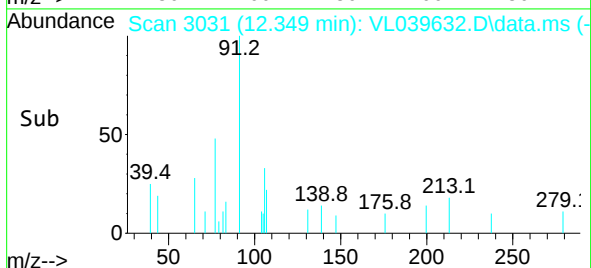
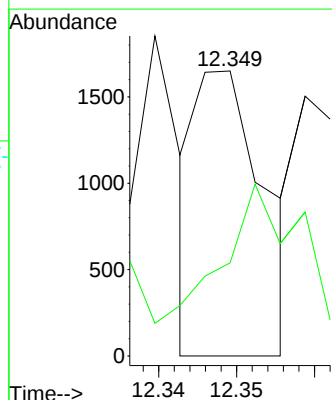
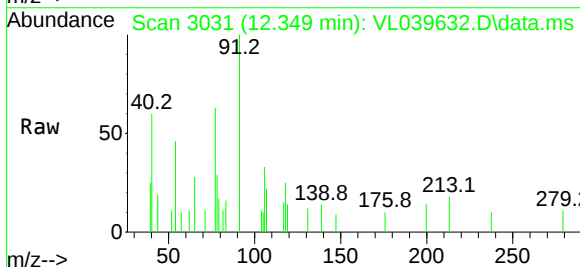
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.03

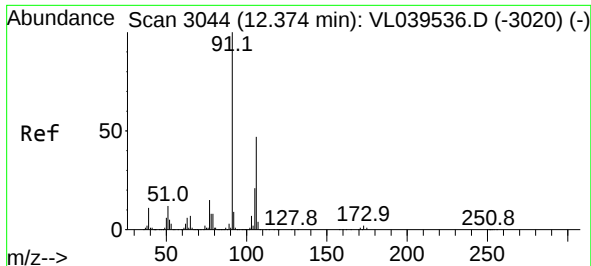
Tgt Ion:112 Resp: 2030
Ion Ratio Lower Upper
112 100
77 16.4 51.0 76.4#
114 43.5 27.5 33.6#



#58
Ethyl Benzene
Concen: 0.003 ppbv
RT: 12.349 min Scan# 3031
Delta R.T. 0.255 min
Lab File: VL039632.D
Acq: 19 Sep 2022 12:44

Tgt Ion: 91 Resp: 1006
Ion Ratio Lower Upper
91 100
106 33.5 25.4 38.0





#59

m/p-Xylene

Concen: 0.005 ppbv

RT: 12.378 min Scan# 3044

Delta R.T. 0.004 min

Lab File: VL039632.D

Acq: 19 Sep 2022 12:44

Instrument :

MSVOA_L

ClientSampleId :

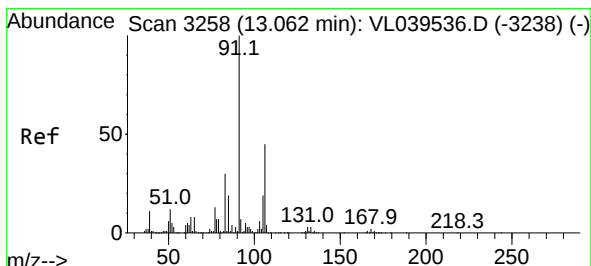
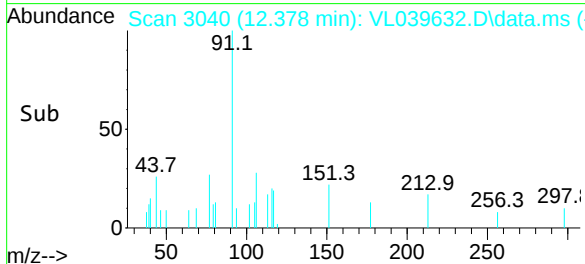
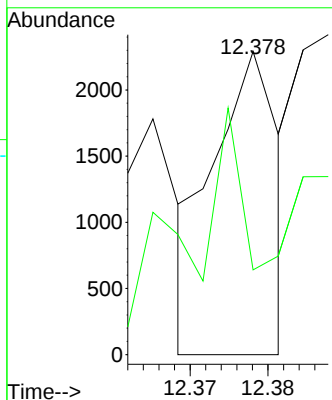
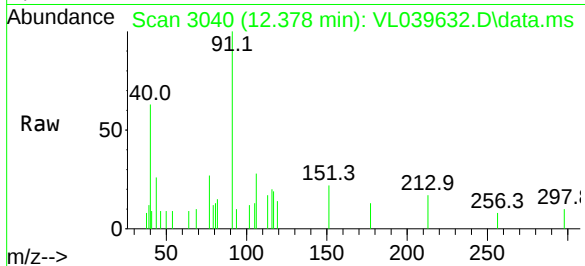
VSTDIC0.03

Tgt Ion: 91 Resp: 1335

Ion Ratio Lower Upper

91 100

106 254.5 35.4 53.2#



#60

o-Xylene

Concen: 0.001 ppbv

RT: 13.259 min Scan# 3314

Delta R.T. 0.197 min

Lab File: VL039632.D

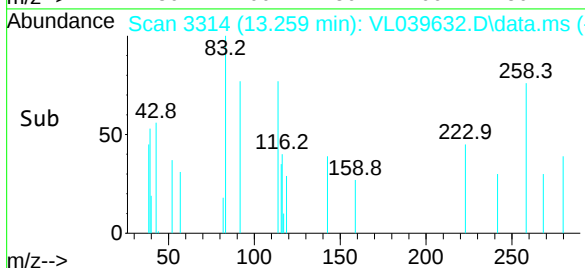
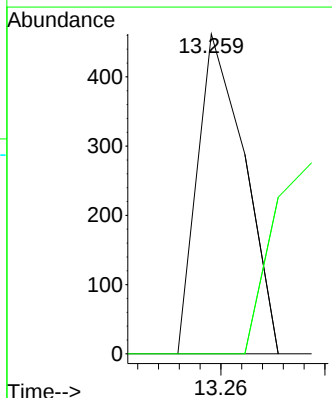
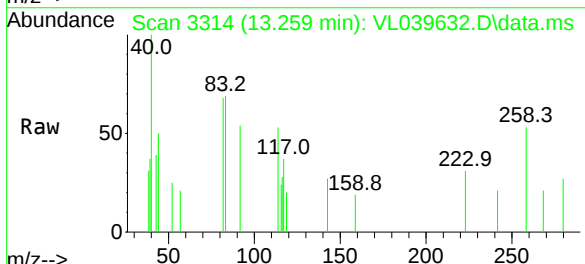
Acq: 19 Sep 2022 12:44

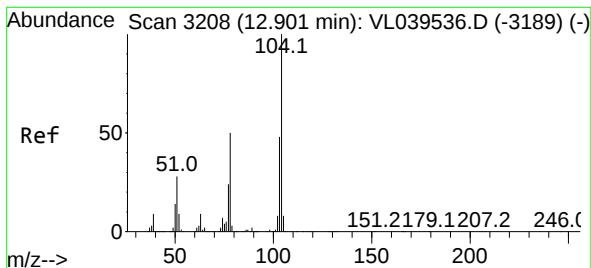
Tgt Ion: 91 Resp: 145

Ion Ratio Lower Upper

91 100

106 66.9 22.4 67.3





#61

Styrene

Concen: 0.006 ppbv

RT: 12.912 min Scan# 31

Delta R.T. 0.010 min

Lab File: VL039632.D

Acq: 19 Sep 2022 12:44

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC0.03

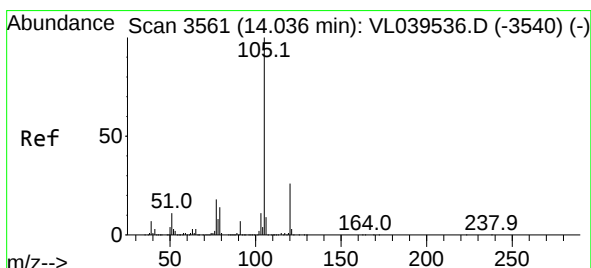
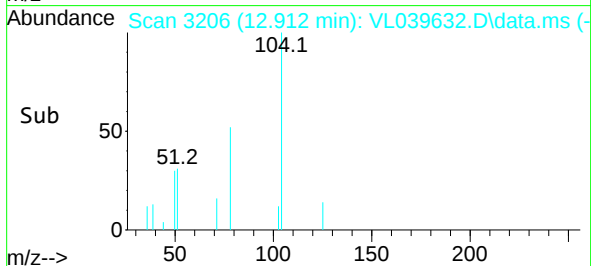
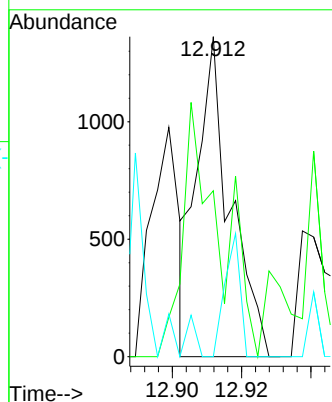
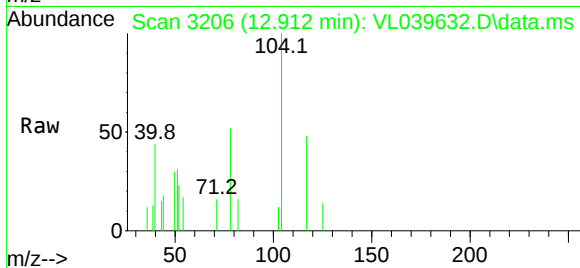
Tgt Ion:104 Resp: 910

Ion Ratio Lower Upper

104 100

78 87.9 41.2 61.8#

103 0.0 38.7 58.1#



#62

Isopropylbenzene

Concen: 0.011 ppbv

RT: 14.040 min Scan# 3557

Delta R.T. 0.004 min

Lab File: VL039632.D

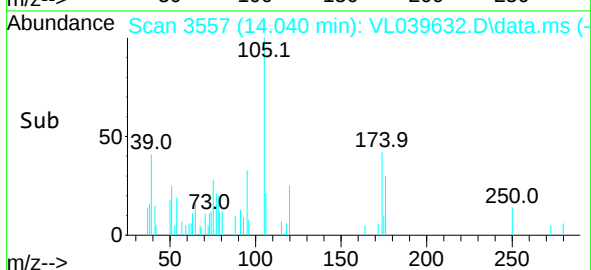
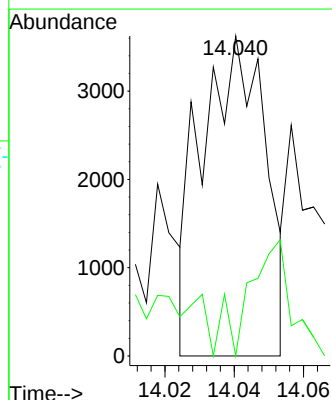
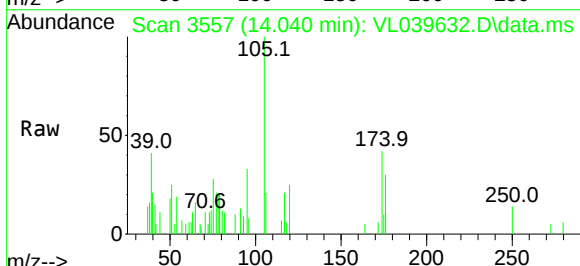
Acq: 19 Sep 2022 12:44

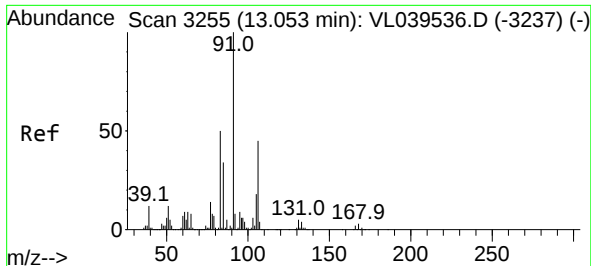
Tgt Ion:105 Resp: 4622

Ion Ratio Lower Upper

105 100

120 0.0 20.7 31.1#





#63

1,1,2,2-Tetrachloroethane

Concen: 0.009 ppbv

RT: 13.060 min Scan# 31

Delta R.T. 0.007 min

Lab File: VL039632.D

Acq: 19 Sep 2022 12:44

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.03

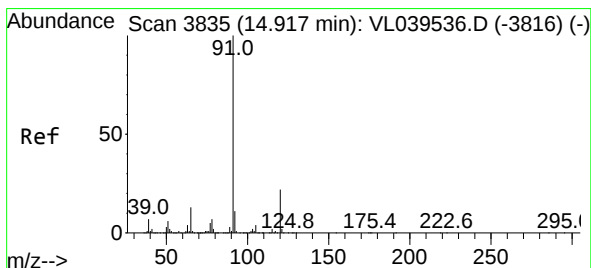
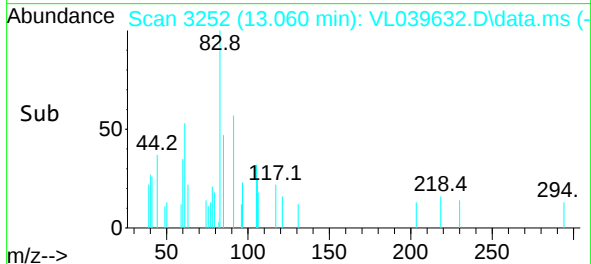
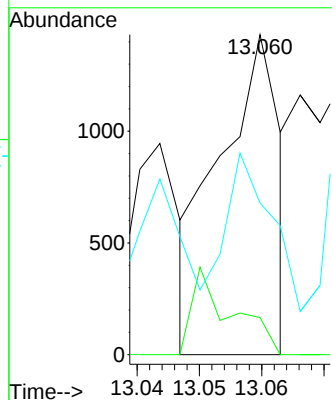
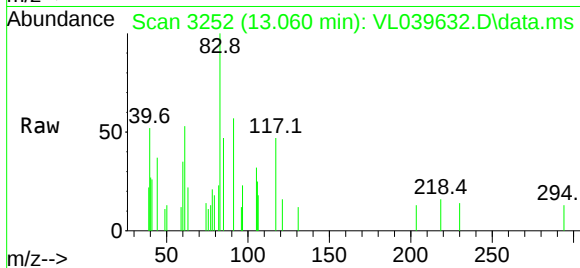
Tgt Ion: 83 Resp: 975

Ion Ratio Lower Upper

83 100

131 17.7 5.3 15.8#

85 0.0 33.1 99.5#



#64

n-propylbenzene

Concen: 0.004 ppbv

RT: 14.921 min Scan# 3831

Delta R.T. 0.004 min

Lab File: VL039632.D

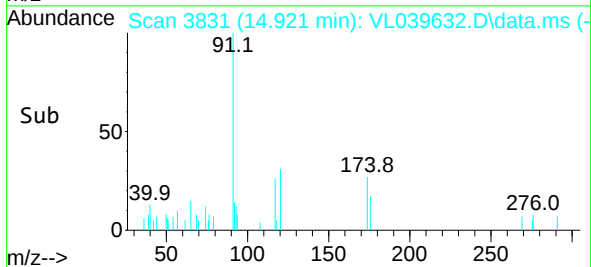
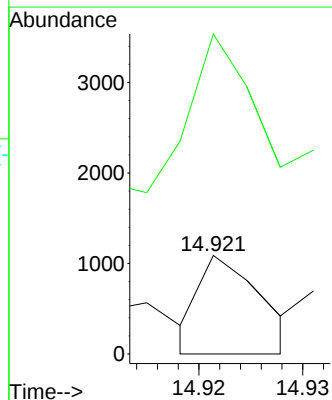
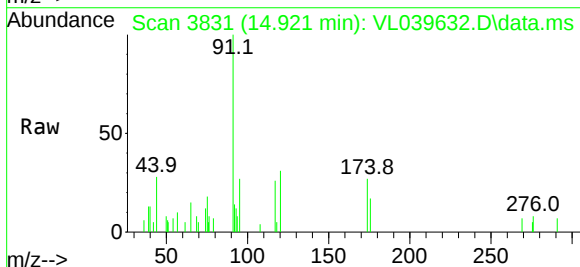
Acq: 19 Sep 2022 12:44

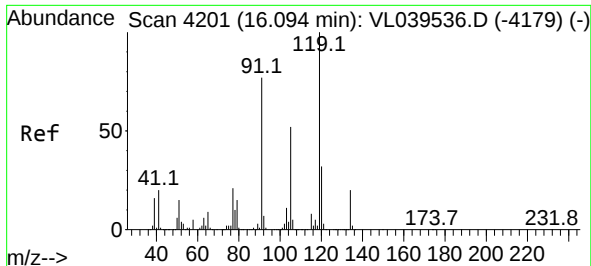
Tgt Ion: 120 Resp: 448

Ion Ratio Lower Upper

120 100

91 1600.2 367.2 550.8#

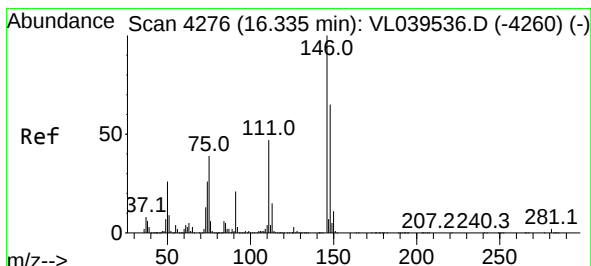
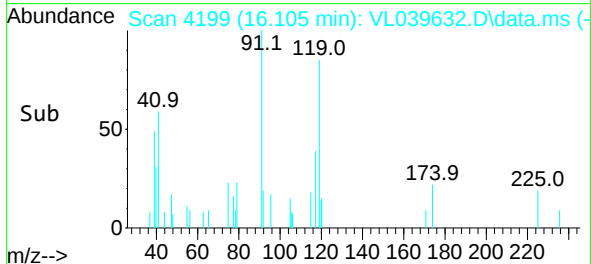
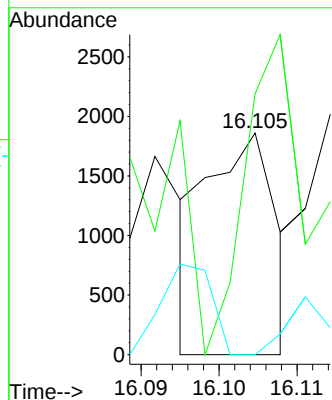
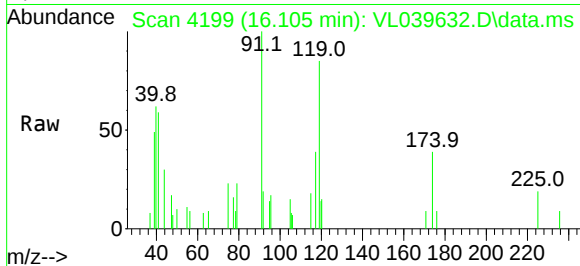




#65
 tert-Butylbenzene
 Concen: 0.003 ppbv
 RT: 16.105 min Scan# 4199
 Delta R.T. 0.010 min
 Lab File: VL039632.D
 Acq: 19 Sep 2022 12:44

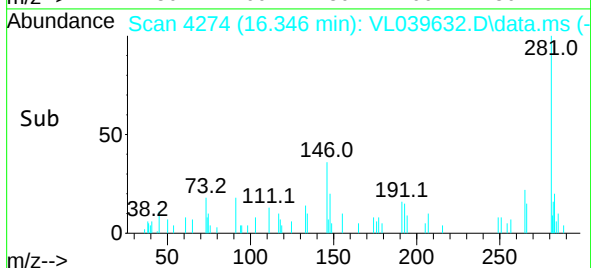
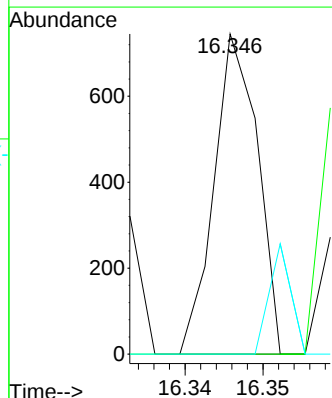
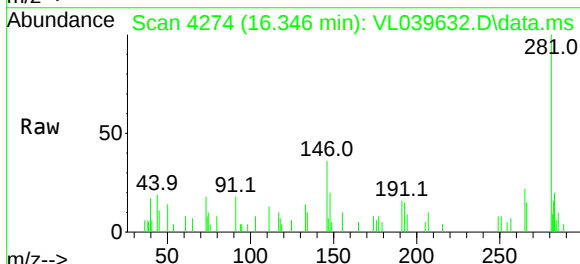
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.03

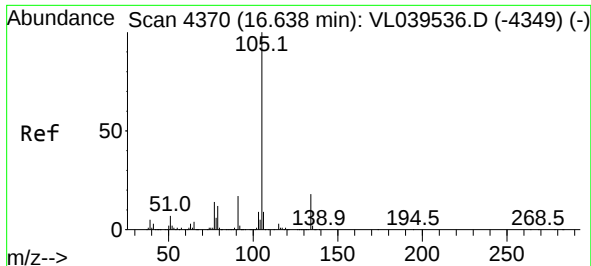
Tgt Ion: 119 Resp: 1139
 Ion Ratio Lower Upper
 119 100
 91 438.9 63.4 95.2#
 134 0.0 15.9 23.9#



#66
 Benzyl Chloride
 Concen: 0.010 ppbv
 RT: 16.346 min Scan# 4274
 Delta R.T. 0.010 min
 Lab File: VL039632.D
 Acq: 19 Sep 2022 12:44

Tgt Ion: 91 Resp: 289
 Ion Ratio Lower Upper
 91 100
 126 0.0 13.1 19.7#
 128 0.0 4.4 6.6#

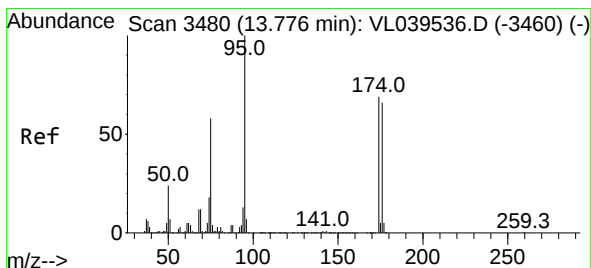
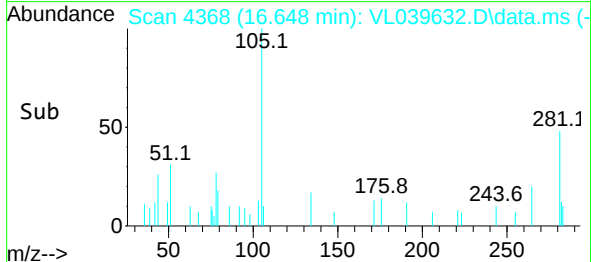
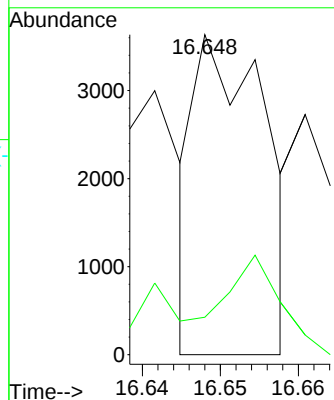
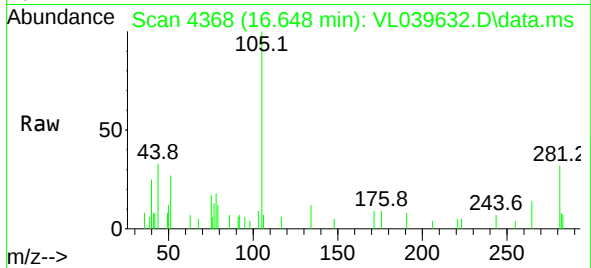




#67
 sec-Butylbenzene
 Concen: 0.005 ppbv
 RT: 16.648 min Scan# 41
 Delta R.T. 0.010 min
 Lab File: VL039632.D
 Acq: 19 Sep 2022 12:44

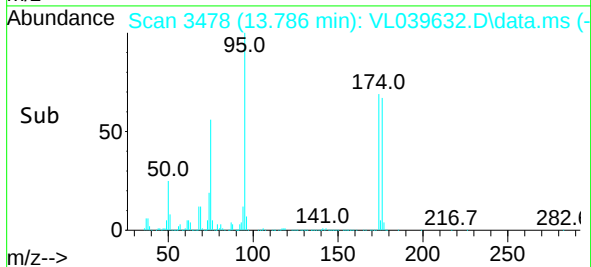
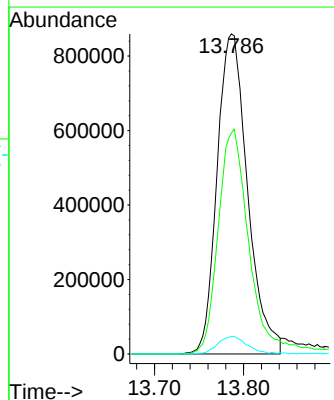
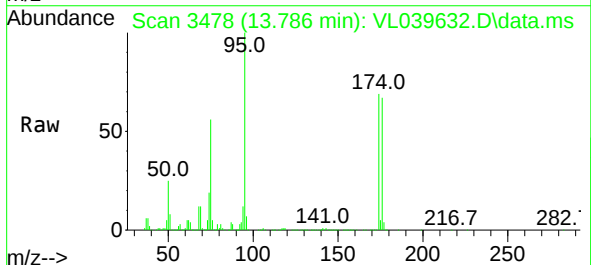
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.03

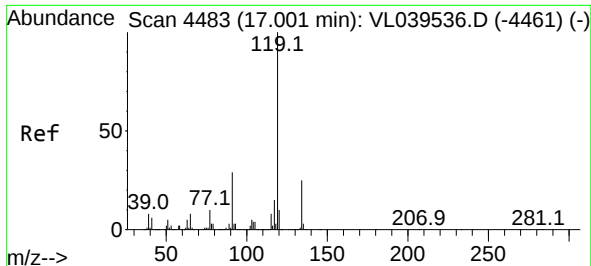
Tgt Ion:105 Resp: 2289
 Ion Ratio Lower Upper
 105 100
 134 0.0 14.8 22.2#



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.016 ppbv
 RT: 13.786 min Scan# 3478
 Delta R.T. 0.010 min
 Lab File: VL039632.D
 Acq: 19 Sep 2022 12:44

Tgt Ion: 95 Resp: 2039604
 Ion Ratio Lower Upper
 95 100
 174 74.3 55.9 83.9
 175 5.7 4.2 6.4





#69

p-Isopropyltoluene

Concen: 0.002 ppbv

RT: 17.008 min Scan# 4483

Delta R.T. 0.007 min

Lab File: VL039632.D

Acq: 19 Sep 2022 12:44

Instrument :

MSVOA_1

ClientSampleId :

VSTDIC0.03

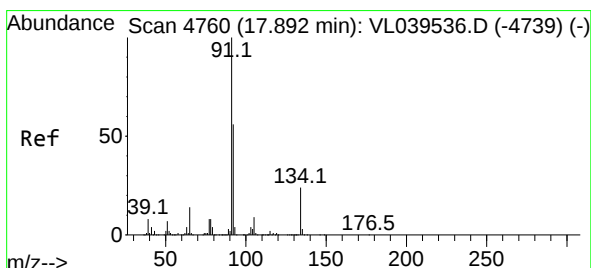
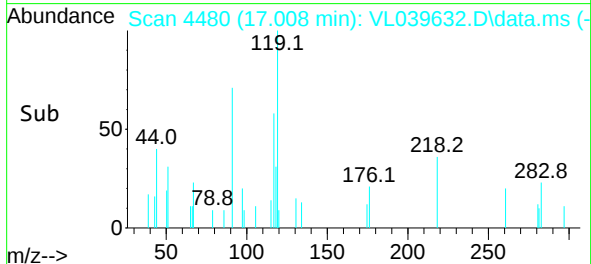
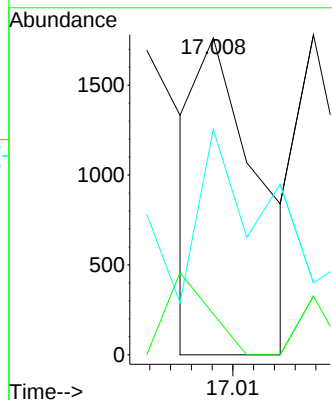
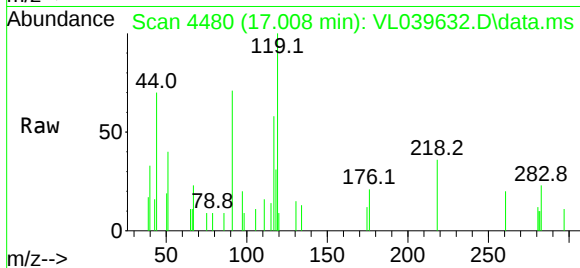
Tgt Ion:119 Resp: 709

Ion Ratio Lower Upper

119 100

134 0.0 20.3 30.5#

91 254.0 22.9 34.3#



#70

n-Butylbenzene

Concen: 0.006 ppbv

RT: 17.902 min Scan# 4758

Delta R.T. 0.010 min

Lab File: VL039632.D

Acq: 19 Sep 2022 12:44

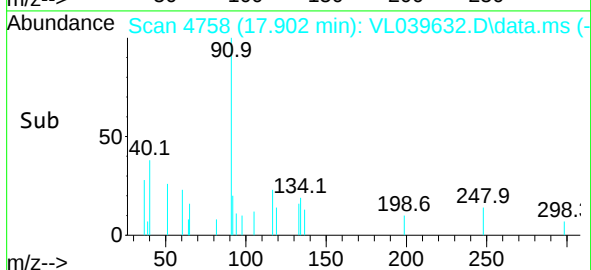
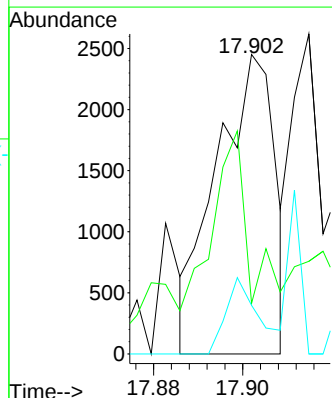
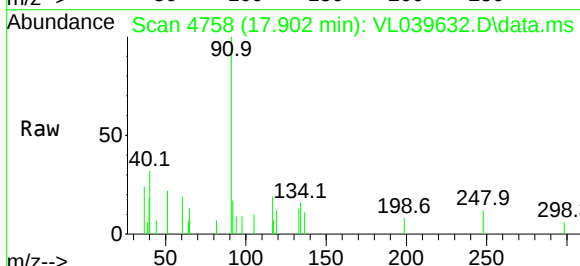
Tgt Ion: 91 Resp: 2240

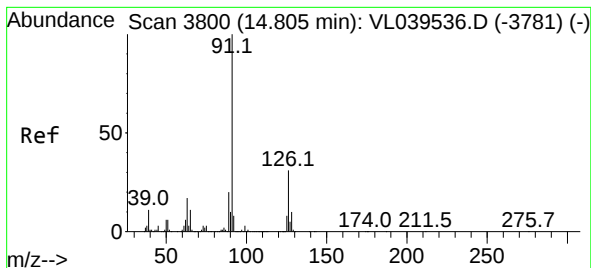
Ion Ratio Lower Upper

91 100

92 141.8 43.4 65.2#

134 0.0 18.9 28.3#





#71

2-Chlorotoluene

Concen: 0.008 ppbv

RT: 14.822 min Scan# 31

Delta R.T. 0.017 min

Lab File: VL039632.D

Acq: 19 Sep 2022 12:44

Instrument :

MSVOA_L

ClientSampleId :

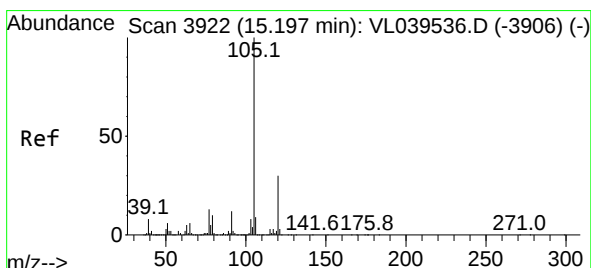
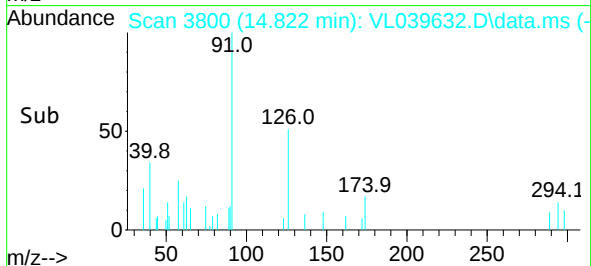
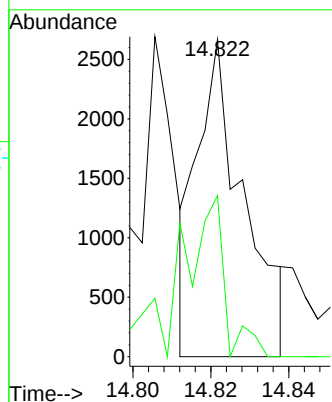
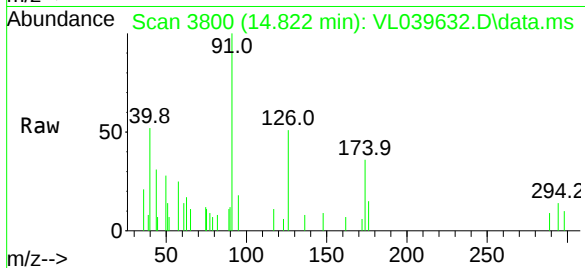
VSTDICC0.03

Tgt Ion: 91 Resp: 2221

Ion Ratio Lower Upper

91 100

126 62.5 13.0 51.8#



#72

4-Ethyltoluene

Concen: 0.002 ppbv

RT: 15.201 min Scan# 3918

Delta R.T. 0.004 min

Lab File: VL039632.D

Acq: 19 Sep 2022 12:44

Tgt Ion: 105 Resp: 585

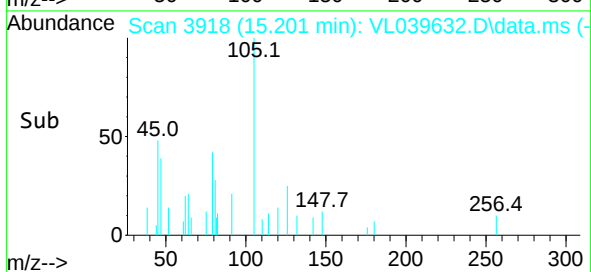
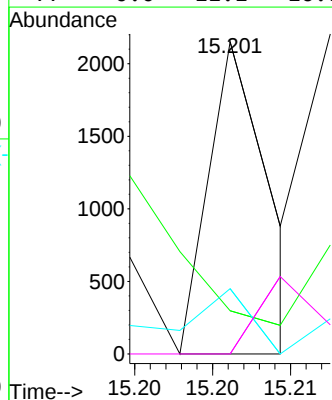
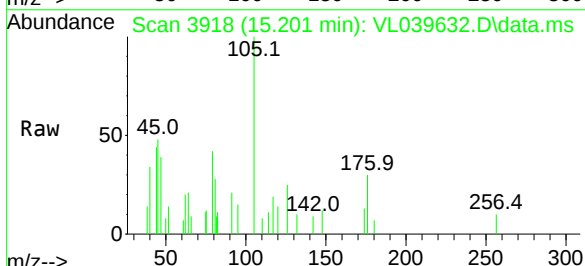
Ion Ratio Lower Upper

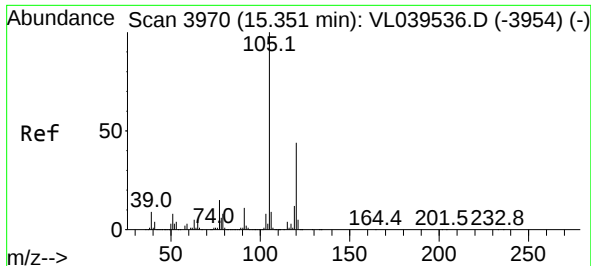
105 100

120 0.0 24.2 36.2#

91 0.0 10.2 15.4#

77 0.0 11.1 16.7#

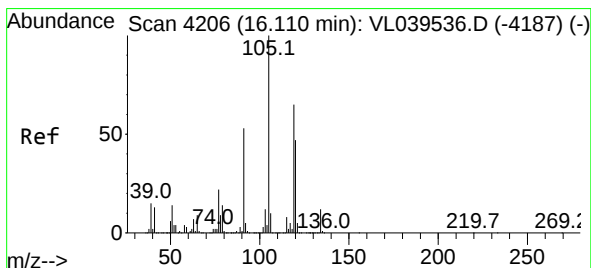
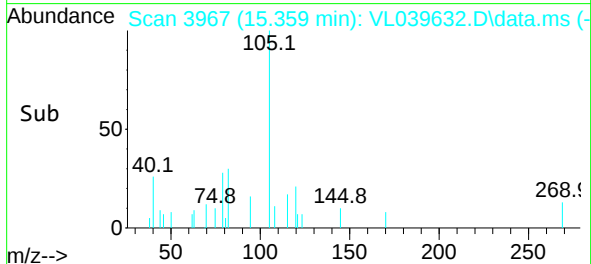
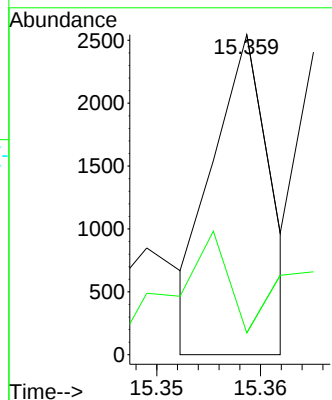
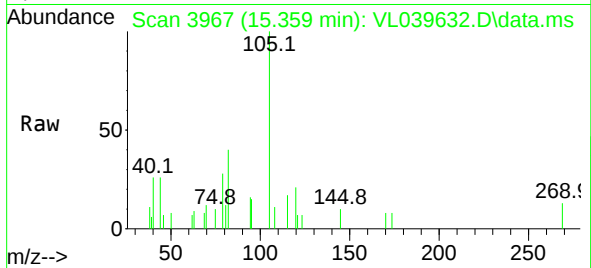




#73
 1,3,5-Trimethylbenzene
 Concen: 0.003 ppbv
 RT: 15.359 min Scan# 3970
 Delta R.T. 0.007 min
 Lab File: VL039632.D
 Acq: 19 Sep 2022 12:44

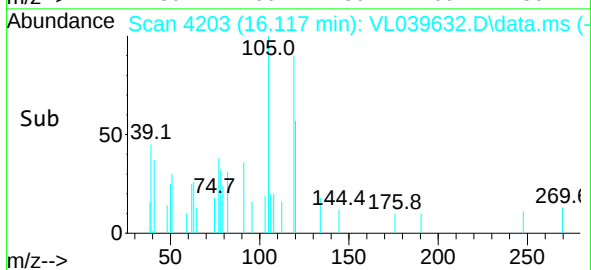
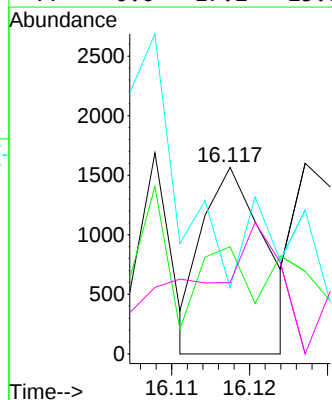
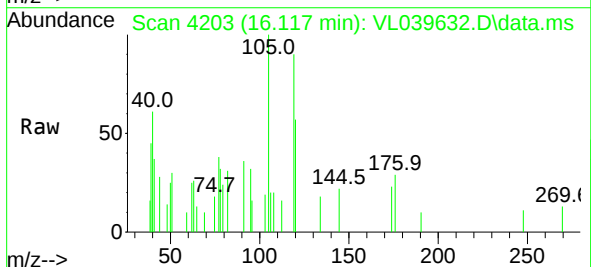
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.03

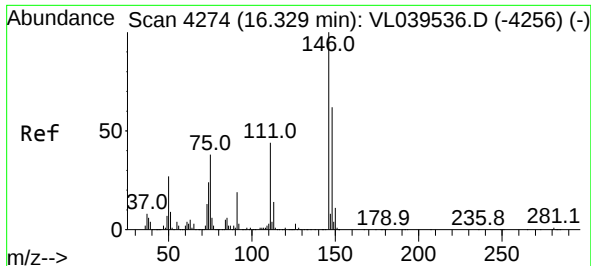
Tgt Ion:105 Resp: 975
 Ion Ratio Lower Upper
 105 100
 120 0.0 38.2 57.4#



#74
 1,2,4-Trimethylbenzene
 Concen: 0.003 ppbv
 RT: 16.117 min Scan# 4203
 Delta R.T. 0.007 min
 Lab File: VL039632.D
 Acq: 19 Sep 2022 12:44

Tgt Ion:105 Resp: 878
 Ion Ratio Lower Upper
 105 100
 120 57.5 39.5 59.3
 91 0.0 39.2 58.8#
 77 0.0 17.2 25.8#

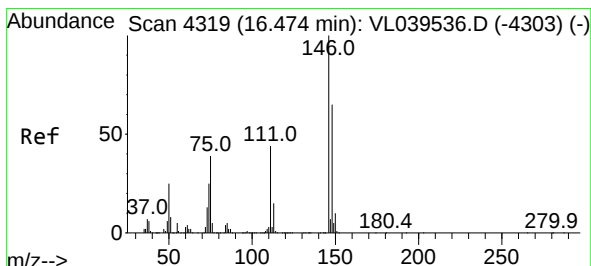
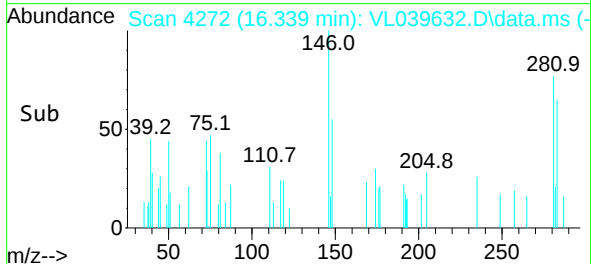
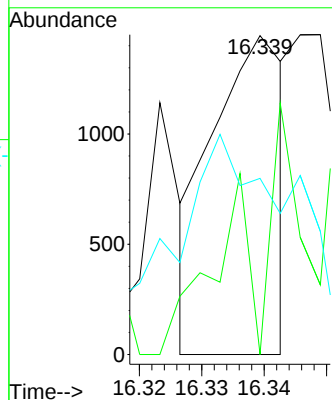
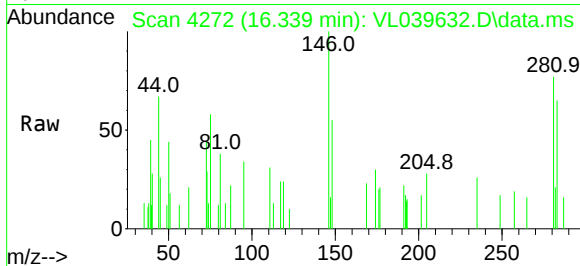




#75
1,3-Dichlorobenzene
Concen: 0.006 ppbv
RT: 16.339 min Scan# 41
Delta R.T. 0.010 min
Lab File: VL039632.D
Acq: 19 Sep 2022 12:44

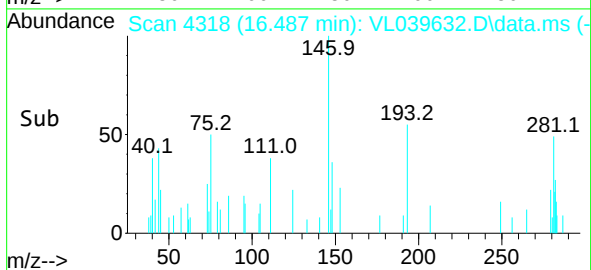
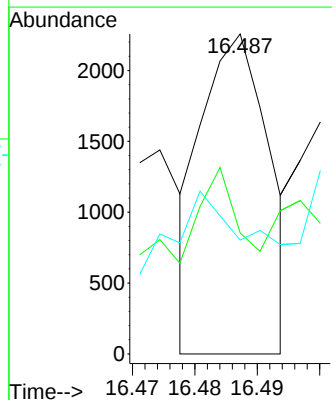
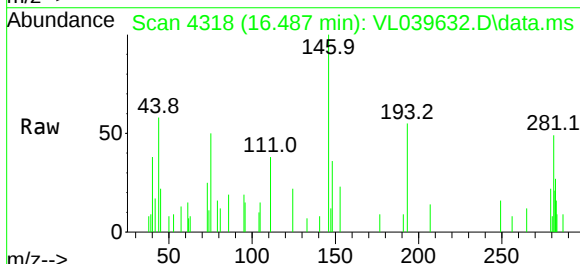
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.03

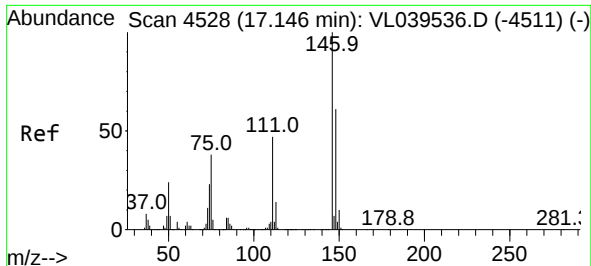
Tgt Ion:146 Resp: 1160
Ion Ratio Lower Upper
146 100
111 0.0 22.9 68.7#
148 0.0 32.1 96.5#



#76
1,4-Dichlorobenzene
Concen: 0.009 ppbv
RT: 16.487 min Scan# 4318
Delta R.T. 0.014 min
Lab File: VL039632.D
Acq: 19 Sep 2022 12:44

Tgt Ion:146 Resp: 1697
Ion Ratio Lower Upper
146 100
111 134.4 22.9 68.8#
148 0.0 33.6 100.8#

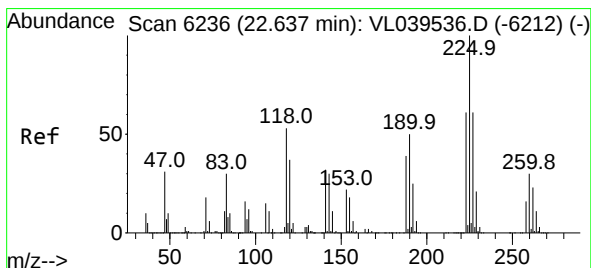
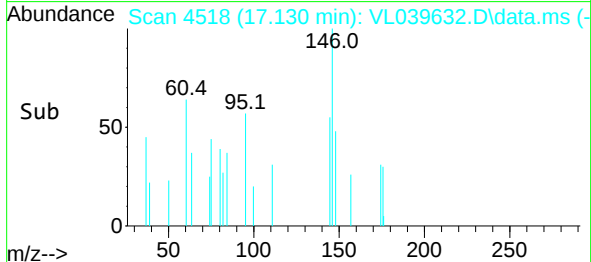
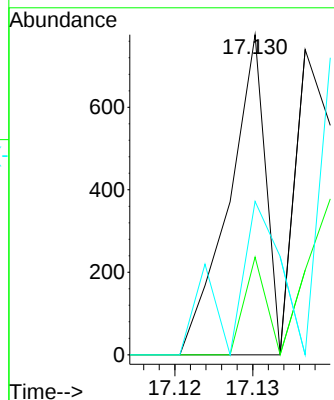
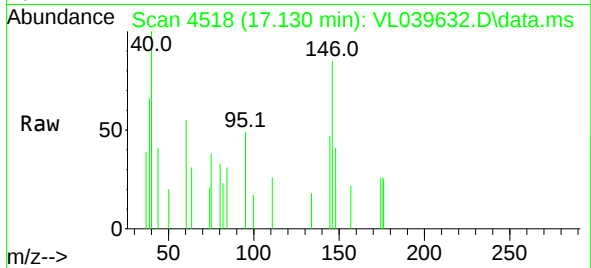




#77
1,2-Dichlorobenzene
Concen: 0.001 ppbv
RT: 17.130 min Scan# 4518
Delta R.T. -0.015 min
Lab File: VL039632.D
Acq: 19 Sep 2022 12:44

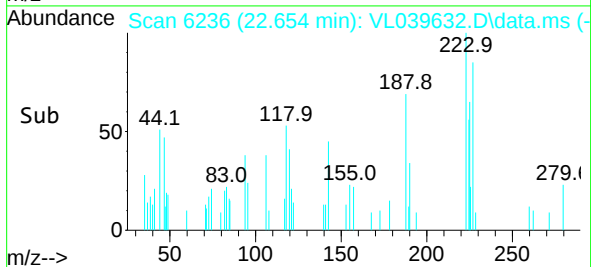
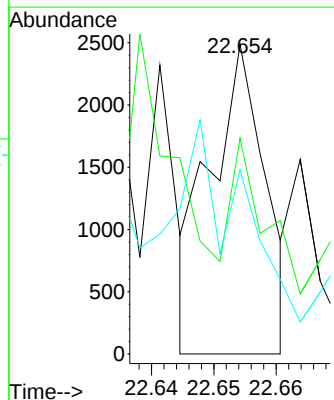
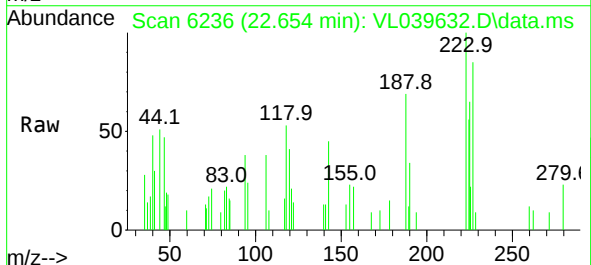
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.03

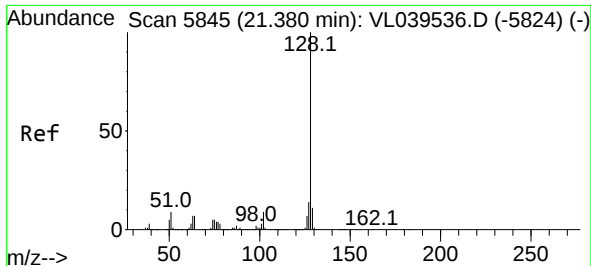
Tgt Ion:146 Resp: 254
Ion Ratio Lower Upper
146 100
111 44.1 23.8 71.5
148 92.1 32.3 96.8



#78
Hexachloro-1,3-Butadiene
Concen: 0.011 ppbv
RT: 22.654 min Scan# 6236
Delta R.T. 0.017 min
Lab File: VL039632.D
Acq: 19 Sep 2022 12:44

Tgt Ion:225 Resp: 1534
Ion Ratio Lower Upper
225 100
223 0.0 51.8 77.6#
227 229.1 51.4 77.2#

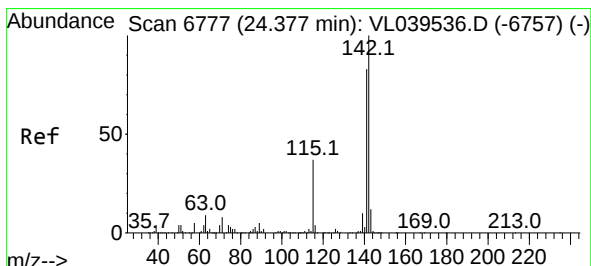
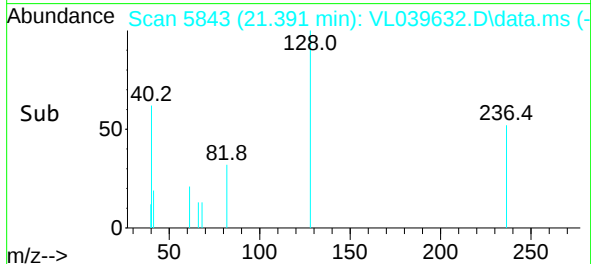
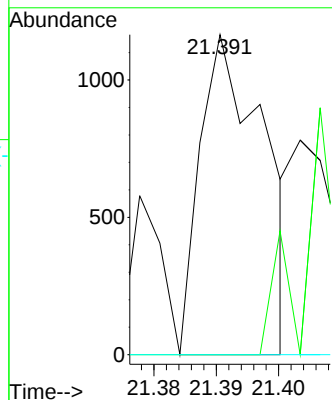
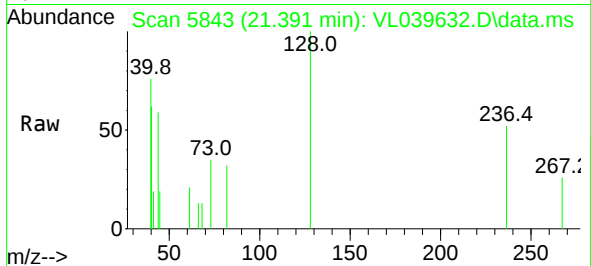




#79
Naphthalene
Concen: 0.004 ppbv
RT: 21.391 min Scan# 51
Delta R.T. 0.010 min
Lab File: VL039632.D
Acq: 19 Sep 2022 12:44

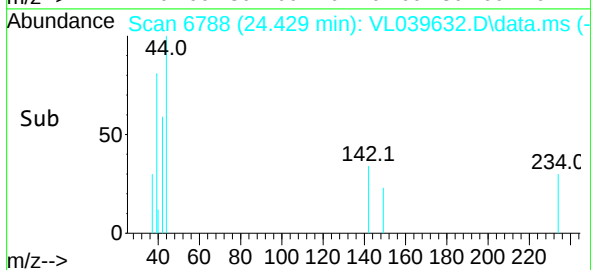
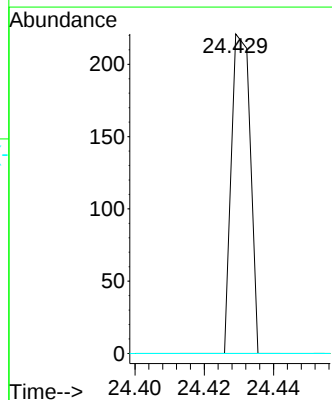
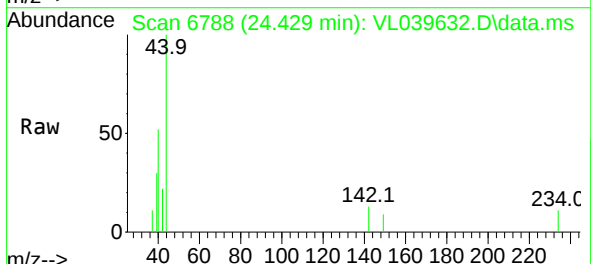
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.03

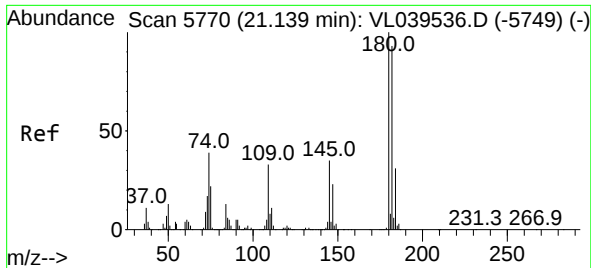
Tgt Ion:128 Resp: 835
Ion Ratio Lower Upper
128 100
127 0.0 10.6 15.8#
129 0.0 8.8 13.2#



#80
Naphthalene,2-methyl-
Concen: 0.001 ppbv
RT: 24.429 min Scan# 6788
Delta R.T. 0.052 min
Lab File: VL039632.D
Acq: 19 Sep 2022 12:44

Tgt Ion:142 Resp: 83
Ion Ratio Lower Upper
142 100
141 0.0 68.9 103.3#
115 0.0 30.0 45.0#





#81

1,2,4-Trichlorobenzene

Concen: 0.001 ppbv

RT: 21.146 min Scan# 51

Delta R.T. 0.007 min

Lab File: VL039632.D

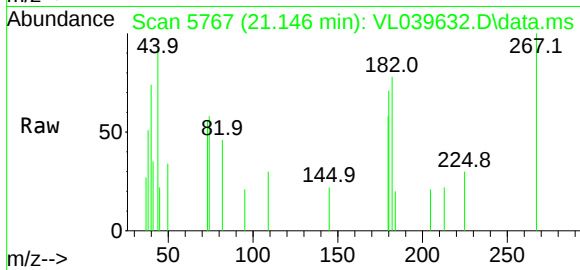
Acq: 19 Sep 2022 12:44

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.03



Tgt Ion:180 Resp: 188

Ion Ratio Lower Upper

180 100

182 546.3 77.1 115.7#

184 153.7 24.3 36.5#

