

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL081722\
 Data File : VL039540.D
 Acq On : 17 Aug 2022 6:13
 Operator : SY/AP
 Sample : VSTDIC0.1
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA L
 ClientSampleId :
 VSTDIC0.1

Quant Time: Aug 17 07:45:47 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL081722AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Aug 17 04:35:27 2022
 QLast Update : Wed Aug 17 04:35:27 2022
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.20	49	1086756	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	6.66	114	2848374	10.00	ppbv	0.00
55) Chlorobenzene-d5	11.47	117	2559652	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	13.78	95	1929726	10.15	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.50%

Target Compounds					Ovalue
2) Dichlorodifluoromethane	2.75	85	18792	0.123 ppbv	90
3) Chlorodifluoromethane	2.70	51	14685	0.108 ppbv	97
4) Chloromethane	2.83	50	3905	0.051 ppbv #	44
5) Vinyl Chloride	2.93	62	2378	0.032 ppbv #	82
6) Bromomethane	3.13	94	1462	0.048 ppbv #	11
7) Chloroethane	3.21	64	1924	0.074 ppbv #	54
8) Dichlorotetrafluoroethane	2.88	85	17032	0.101 ppbv	96
9) Propene	3.01	41	524	0.008 ppbv	84
10) Heptane	7.59	43	2095	0.015 ppbv #	28
11) Trichlorofluoromethane	3.58	101	12408	0.072 ppbv	88
12) 1,1,2-Trichlorotrifluoroet	4.08	101	4777	0.038 ppbv #	1
13) Ethanol	3.27	45	331	0.092 ppbv #	29
14) Bromoethene	3.38	108	3129	0.058 ppbv #	6
15) Acetone	3.51	43	16769	0.132 ppbv #	87
16) 1,3-Butadiene	3.00	39	3655	0.055 ppbv #	11
17) tert-Butyl alcohol	3.97	59	864	0.008 ppbv	95
18) 1,1-Dichloroethene	3.90	96	4842	0.084 ppbv #	38
19) Isopropyl Alcohol	3.57	45	78	0.001 ppbv #	100
20) Methylene Chloride	3.95	84	9411	0.187 ppbv #	75
21) Allyl Chloride	4.02	41	3334	0.038 ppbv #	1
22) trans-1,2-Dichloroethene	4.45	96	2036	0.037 ppbv	95
23) Vinyl Acetate	4.63	43	1395	0.017 ppbv #	78
24) 1,1-Dichloroethane	4.58	63	4415	0.037 ppbv #	89
25) Ethyl Acetate	5.23	43	10639	0.041 ppbv #	74
26) Hexane	5.22	57	4777	0.046 ppbv #	1
27) Carbon Disulfide	4.14	76	8711	0.069 ppbv #	65
28) Methyl tert-Butyl Ether	4.60	73	328	0.003 ppbv #	51
29) Chloroform	5.32	83	409	0.002 ppbv	89
30) Cyclohexane	6.60	84	2204	0.023 ppbv #	100
31) cis-1,2-Dichloroethene	5.09	61	8188	0.074 ppbv	73
32) 1,1,1-Trichloroethane	6.01	97	11983	0.067 ppbv #	78
34) 2-Butanone	4.79	43	334	0.002 ppbv #	54
35) Carbon Tetrachloride	6.50	117	5934	0.034 ppbv #	78
36) Benzene	6.38	78	10653	0.049 ppbv #	87
37) 1,2-Dichloroethane	5.81	62	4864	0.038 ppbv #	65
38) Trichloroethene	7.30	130	7153	0.060 ppbv	91
39) 1,2-Dichloropropane	6.66	63	698556	8.532 ppbv #	24
40) 1,4-Dioxane	7.29	88	55	0.002 ppbv #	1
41) Tetrahydrofuran	5.58	42	176	0.002 ppbv #	37
42) Bromodichloromethane	7.25	83	11344	0.066 ppbv #	97
43) Methyl Methacrylate	7.48	69	935	0.011 ppbv #	1

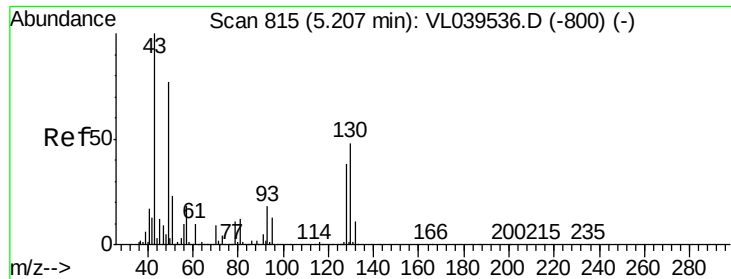
Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL081722\
 Data File : VL039540.D
 Acq On : 17 Aug 2022 6:13
 Operator : SY/AP
 Sample : VSTDICC0.1
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC0.1

Quant Time: Aug 17 07:45:47 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL081722AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Aug 17 04:35:27 2022
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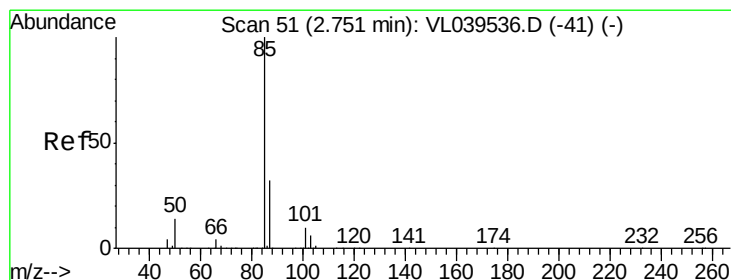
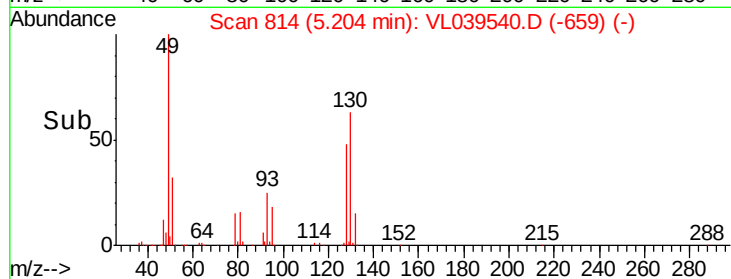
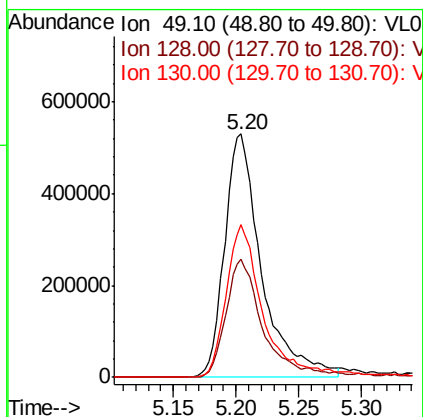
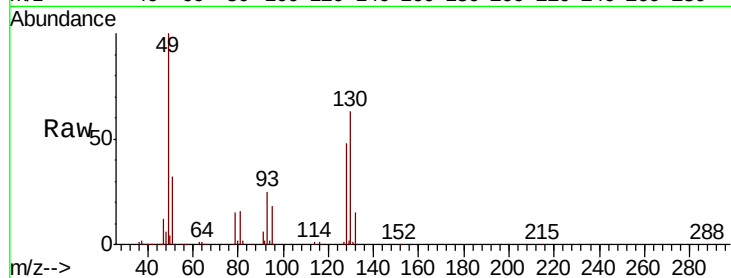
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,2,4-Trimethylpentane	7.33	57	11539	0.031	ppbv #	1
45) t-1,3-Dichloropropene	8.72	75	779	0.011	ppbv	94
46) cis-1,3-Dichloropropene	8.14	75	1105	0.011	ppbv #	43
47) 1,1,2-Trichloroethane	8.90	97	4226	0.046	ppbv #	61
48) Dibromochloromethane	9.71	129	3666	0.025	ppbv #	11
49) Bromoform	12.40	173	3327	0.028	ppbv #	100
50) 4-Methyl-2-Pentanone	8.19	43	834	0.004	ppbv #	40
51) 2-Hexanone	9.57	43	975	0.006	ppbv #	31
52) Tetrachloroethene	10.61	164	2418	0.027	ppbv #	46
53) Toluene	9.22	91	10224	0.041	ppbv #	66
54) 1,2-Dibromoethane	10.01	107	2094	0.019	ppbv #	77
56) 1,1,1,2-Tetrachloroethane	11.51	131	2490	0.022	ppbv #	1
57) Chlorobenzene	11.53	112	4786	0.025	ppbv #	91
58) Ethyl Benzene	12.08	91	5115	0.016	ppbv	95
59) m/p-Xylene	12.37	91	2733	0.010	ppbv #	100
60) o-Xylene	13.06	91	3378	0.013	ppbv #	31
61) Styrene	12.89	104	1581	0.011	ppbv #	1
62) Isopropylbenzene	14.04	105	10991	0.027	ppbv #	49
63) 1,1,2,2-Tetrachloroethane	13.05	83	6852	0.049	ppbv #	45
64) n-propylbenzene	14.91	120	1035	0.010	ppbv #	1
65) tert-Butylbenzene	16.08	119	5023	0.013	ppbv #	1
66) Benzyl Chloride	16.33	91	350	0.010	ppbv #	95
67) sec-Butylbenzene	16.63	105	11693	0.023	ppbv #	28
69) p-Isopropyltoluene	16.99	119	9764	0.023	ppbv #	48
70) n-Butylbenzene	17.89	91	6829	0.016	ppbv #	33
71) 2-Chlorotoluene	14.80	91	6058	0.021	ppbv #	42
72) 4-Ethyltoluene	15.19	105	5478	0.017	ppbv #	100
73) 1,3,5-Trimethylbenzene	15.35	105	3970	0.014	ppbv #	36
74) 1,2,4-Trimethylbenzene	16.11	105	7429	0.023	ppbv #	68
75) 1,3-Dichlorobenzene	16.33	146	7857	0.041	ppbv #	2
76) 1,4-Dichlorobenzene	16.46	146	4567	0.024	ppbv #	24
77) 1,2-Dichlorobenzene	17.14	146	4798	0.025	ppbv #	22
78) Hexachloro-1,3-Butadiene	22.63	225	8476	0.055	ppbv #	100
79) Naphthalene	21.37	128	1913	0.009	ppbv #	94
80) Naphthalene, 2-methyl-	24.40	142	1437	0.018	ppbv #	100
81) 1,2,4-Trichlorobenzene	21.14	180	3079	0.021	ppbv #	100

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



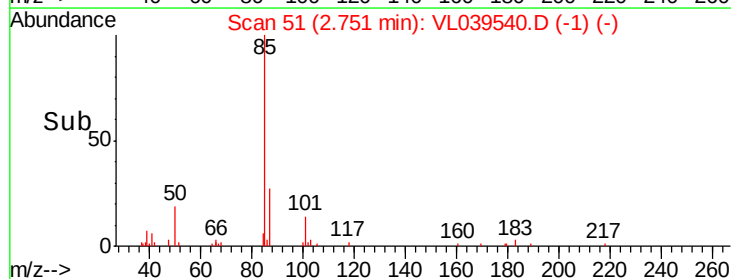
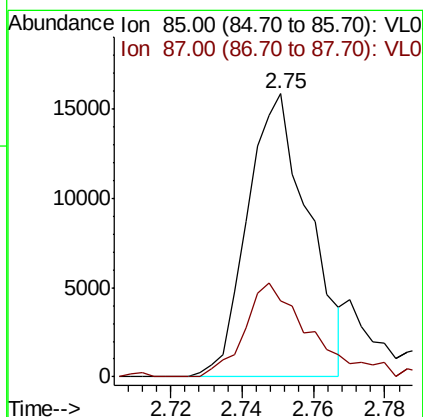
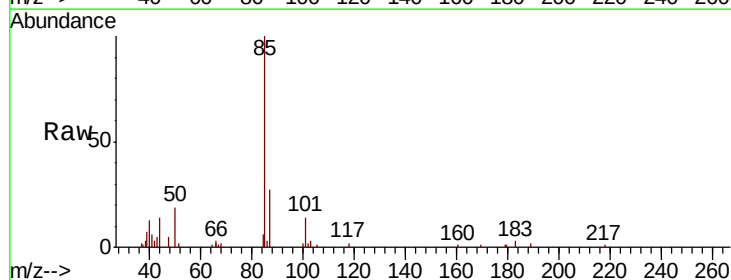
#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.20
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 VSTDIC0.1
 Acq: 17 Aug 2022 6:13

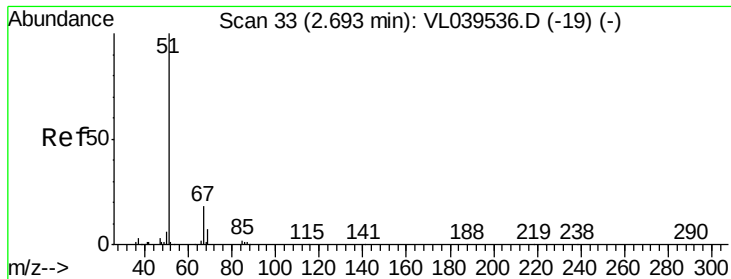
Tot Ion: 49 Resp: 1086756
 Ion Ratio Lower Upper
 49 100
 128 50.2 25.7 77.0
 130 63.7 31.6 95.0



#2
 Dichlorodifluoromethane
 Concen: 0.123 ppbv
 RT: 2.75 min Scan# 51
 Delta R.T.: 0.00 min
 Lab File: VL039540.D
 Acq: 17 Aug 2022 6:13

Tgt Ion: 85 Resp: 18792
 Ion Ratio Lower Upper
 85 100
 87 27.0 25.9 38.9





#3

Chlorodifluoromethane

Concen: 0.108 ppbv

RT: 2.70 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

VSTDIC0.1

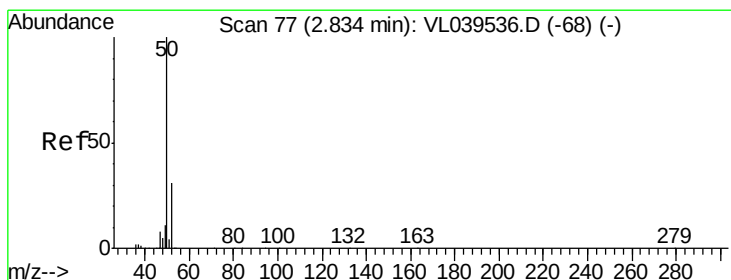
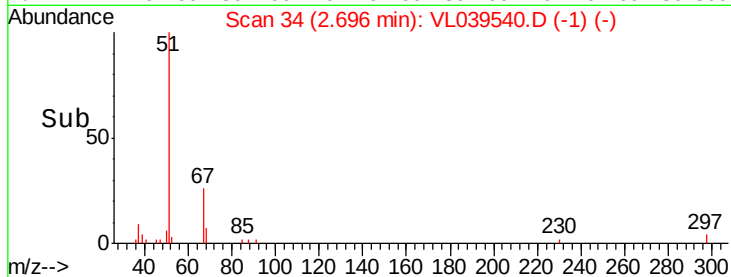
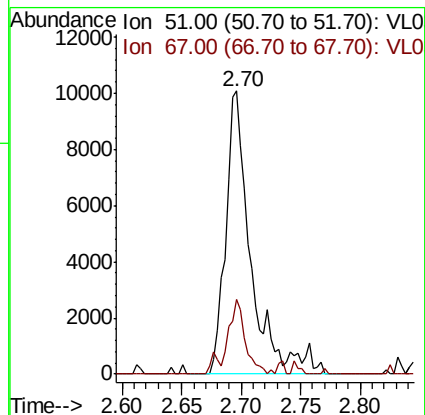
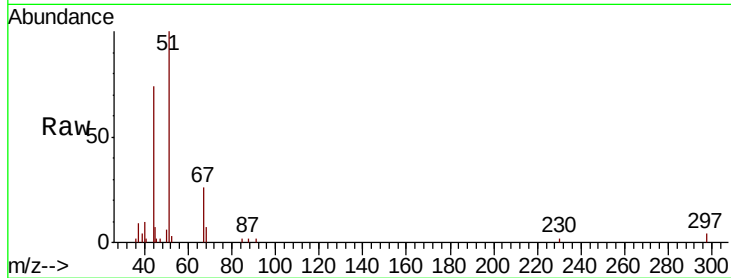
Acq: 17 Aug 2022 6:13

Tot Ion: 51 Resp: 14685

Ion Ratio Lower Upper

51 100

67 19.5 14.7 22.1



#4

Chloromethane

Concen: 0.051 ppbv

RT: 2.83 min Scan# 75

Delta R.T. -0.01 min

Lab File: VL039540.D

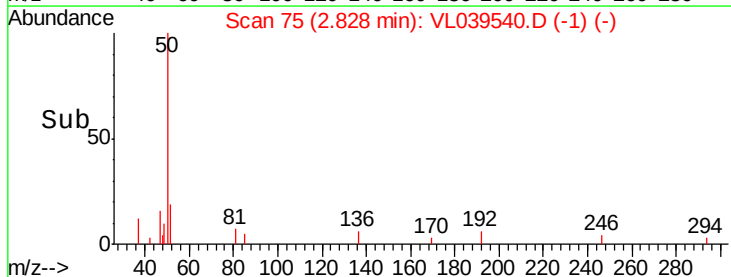
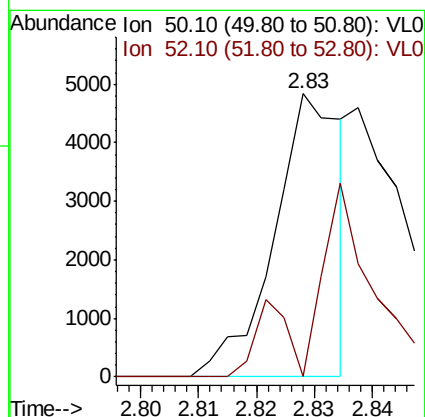
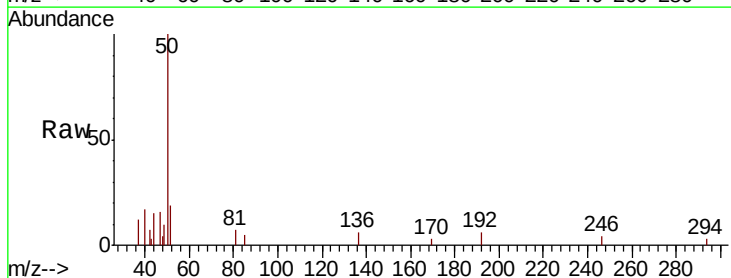
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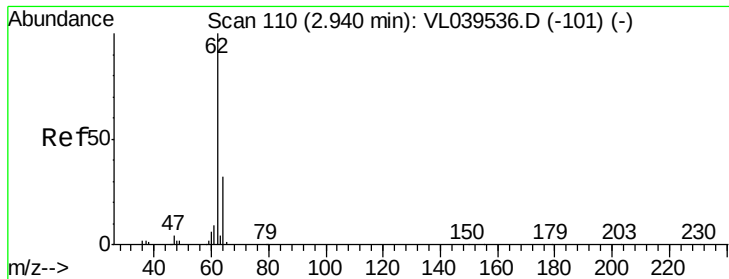
Tgt Ion: 50 Resp: 3905

Ion Ratio Lower Upper

50 100

52 0.0 24.3 36.5#





#5

Vinyl Chloride

Concen: 0.032 ppbv

RT: 2.93 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

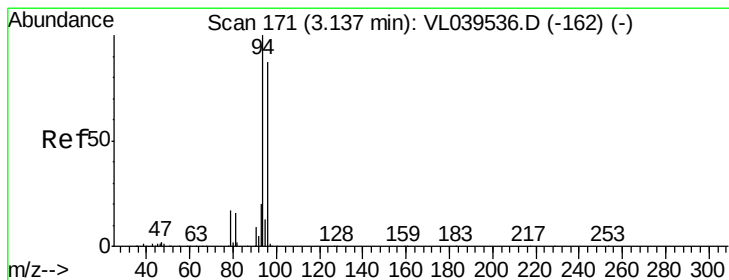
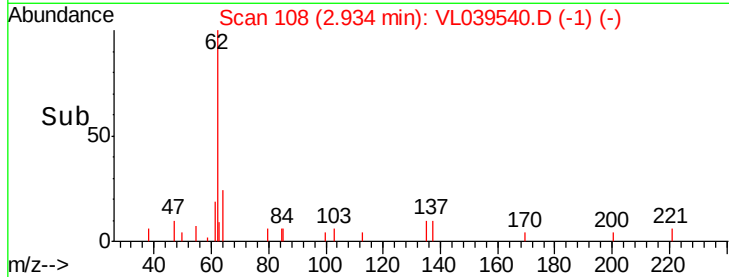
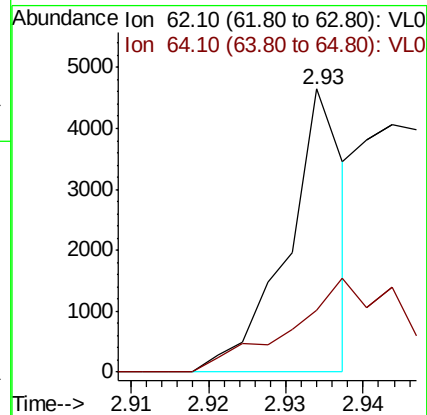
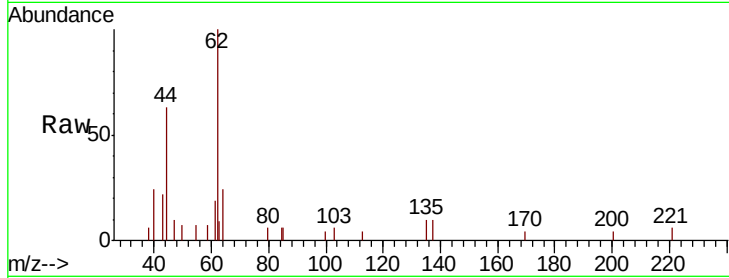
Acq: 17 Aug 2022 VSTDIC0.1

Tot Ion: 62 Resp: 2378

Ion Ratio Lower Upper

62 100

64 21.7 25.5 38.3#



#6

Bromomethane

Concen: 0.048 ppbv

RT: 3.13 min Scan# 170

Delta R.T. -0.00 min

Lab File: VL039540.D

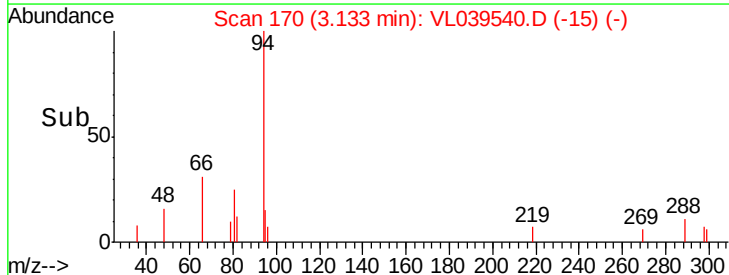
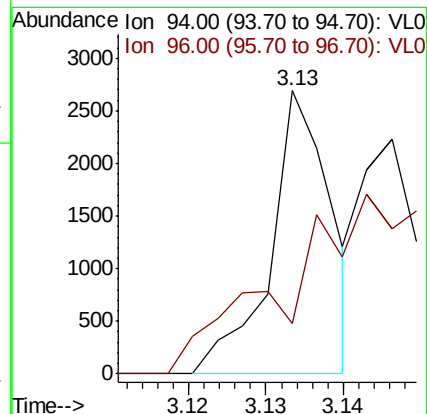
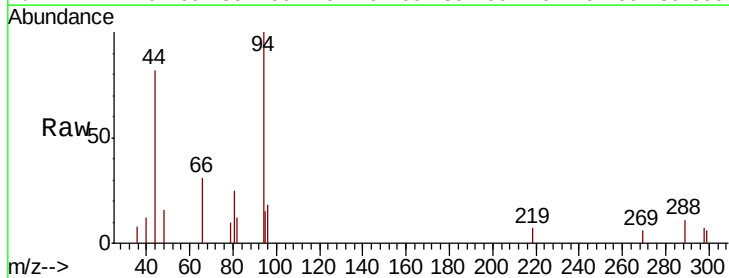
Acq: 17 Aug 2022 6:13

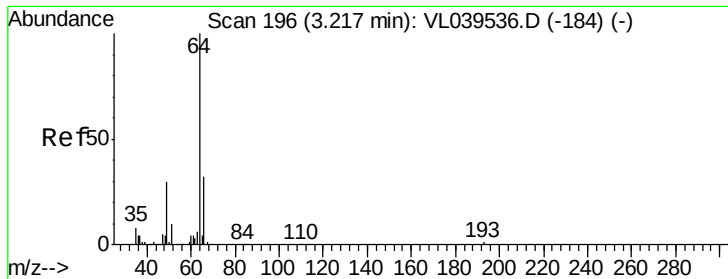
Tgt Ion: 94 Resp: 1462

Ion Ratio Lower Upper

94 100

96 4.6 69.8 104.6#





#7

Chloroethane

Concen: 0.074 ppbv

RT: 3.21 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

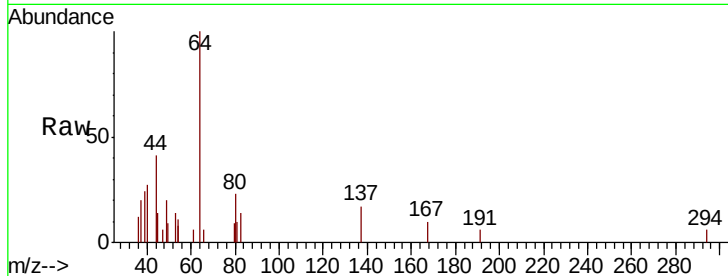
Acq: 17 Aug 2022 6:13

Tot Ion: 64 Resp: 1924

Ion Ratio Lower Upper

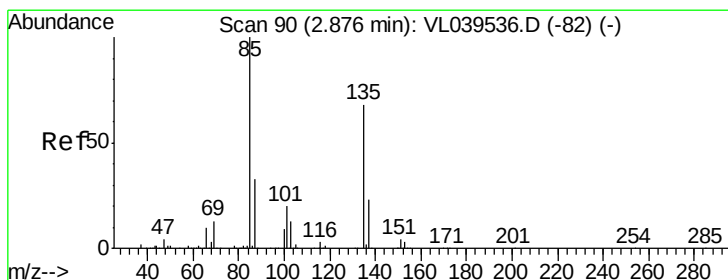
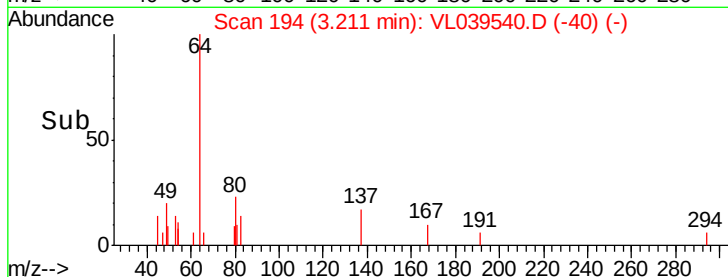
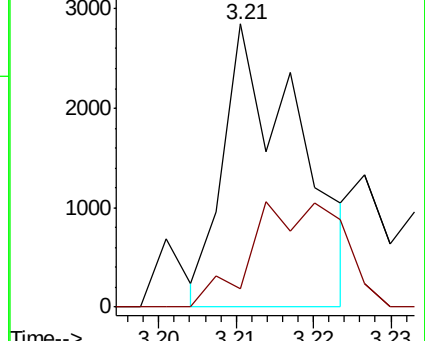
64 100

66 6.3 25.6 38.4#



Abundance Ion 64.10 (63.80 to 64.80): VL0

Ion 66.10 (65.80 to 66.80): VL0



#8

Dichlorotetrafluoroethane

Concen: 0.101 ppbv

RT: 2.88 min Scan# 91

Delta R.T. 0.00 min

Lab File: VL039540.D

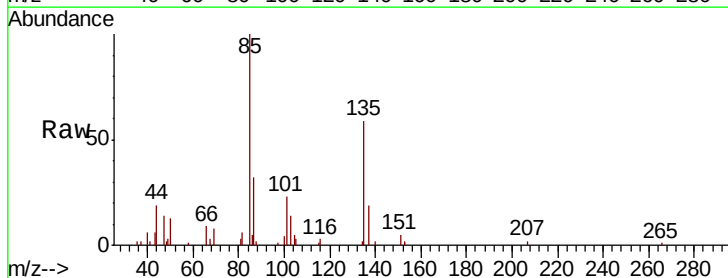
Acq: 17 Aug 2022 6:13

Tgt Ion: 85 Resp: 17032

Ion Ratio Lower Upper

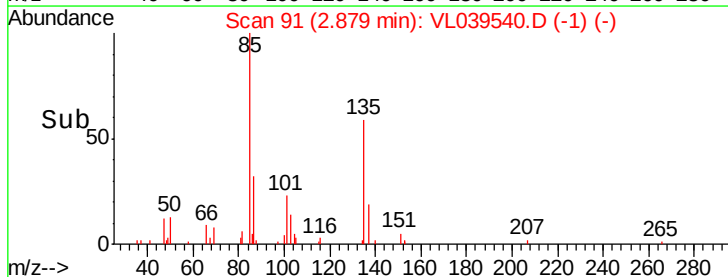
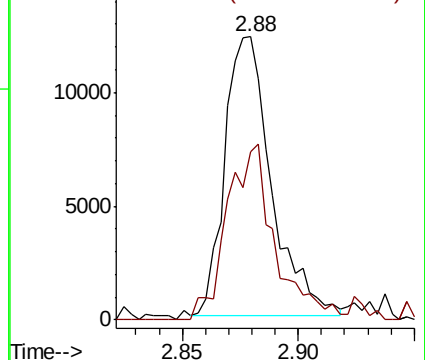
85 100

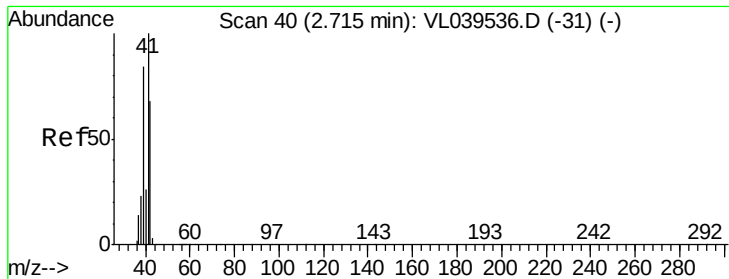
135 67.5 56.3 84.5



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 135.00 (134.70 to 135.70): V





#9

Propene

Concen: 0.008 ppbv

RT: 3.01 Instrument: MSVOA_1

Delta R.T. 0.00 min

Lab File: ClientSampleId: VSTDIC0.1

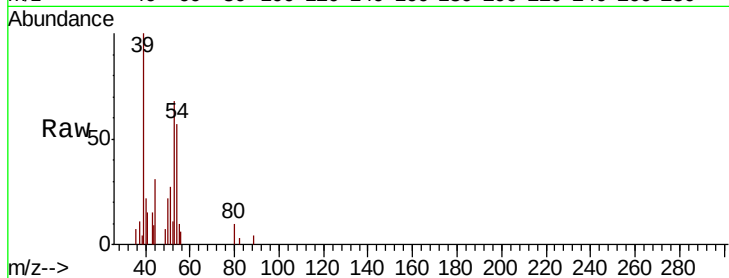
Acq: 17 Aug 2022 6:13

Tot Ion: 41 Resp: 524

Ion Ratio Lower Upper

41 100

42 56.5 55.4 83.0



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0

2000

1500

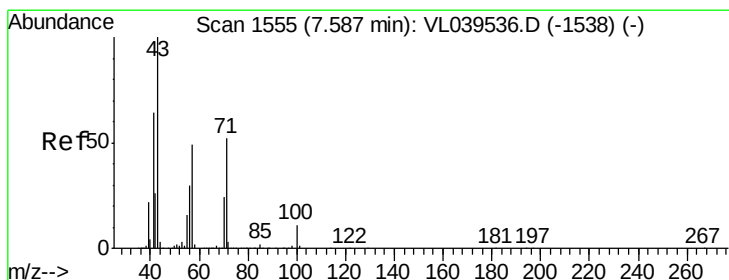
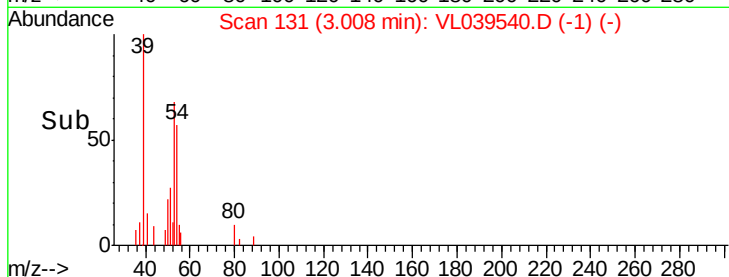
1000

500

0

3.00 3.01 3.02

Time-->



#10

Heptane

Concen: 0.015 ppbv

RT: 7.59 min Scan# 1555

Delta R.T. 0.00 min

Lab File: VL039540.D

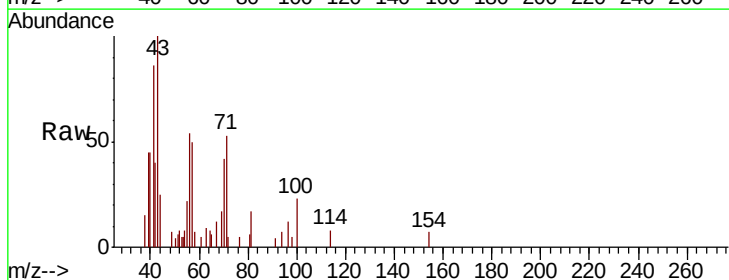
Acq: 17 Aug 2022 6:13

Tgt Ion: 43 Resp: 2095

Ion Ratio Lower Upper

43 100

57 0.0 39.8 59.6#



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 57.10 (56.80 to 57.80): VL0

5000

4000

3000

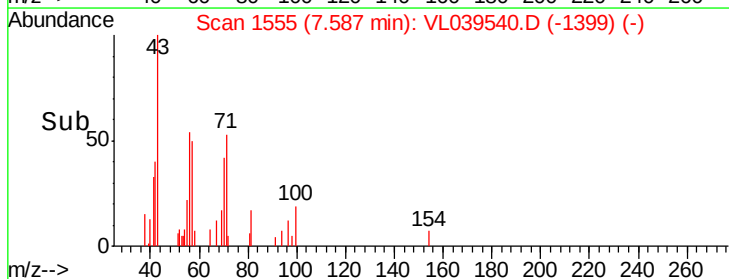
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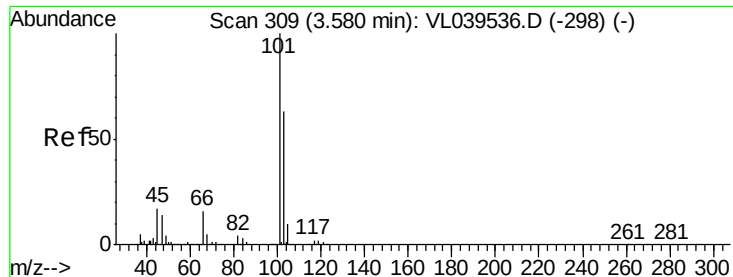
1000

0

7.58 7.59 7.59 7.59

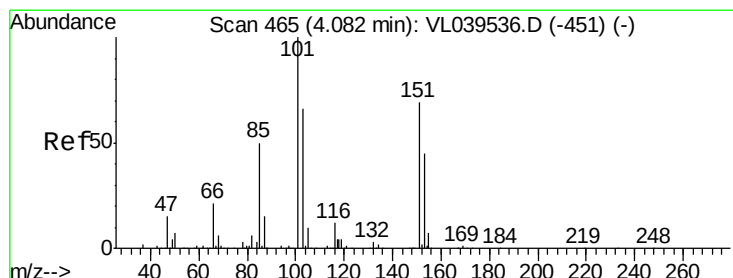
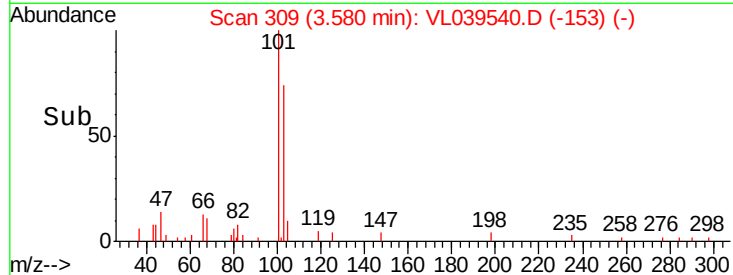
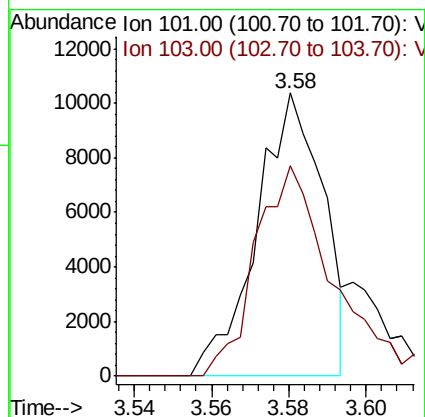
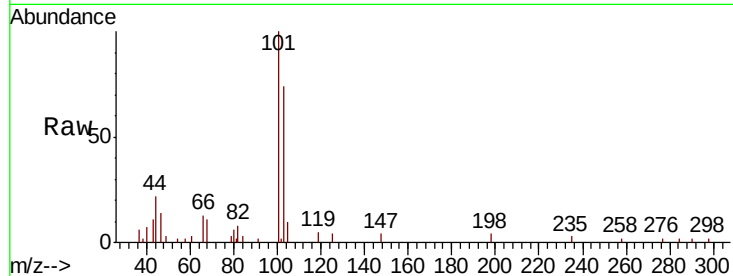
Time-->





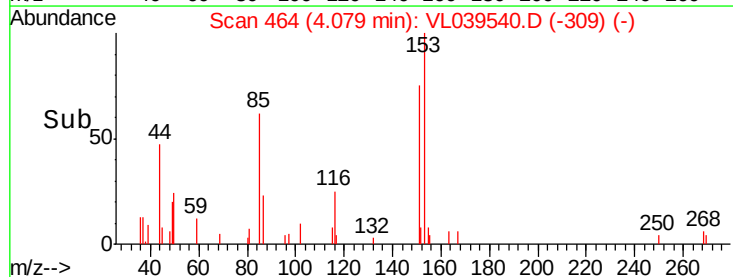
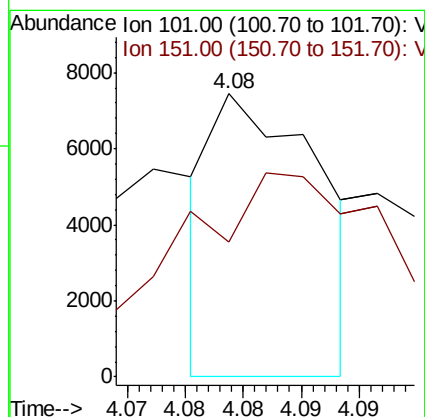
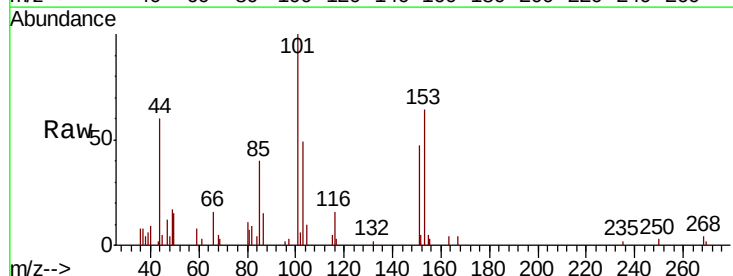
#11
 Trichlorofluoromethane
 Concen: 0.072 ppbv
 RT: 3.58 Instrument : MSVOA_1
 Delta R.T. ClientSampleId :
 Lab File: VSTDIC0.1
 Acq: 17 Aug 2022 6:13

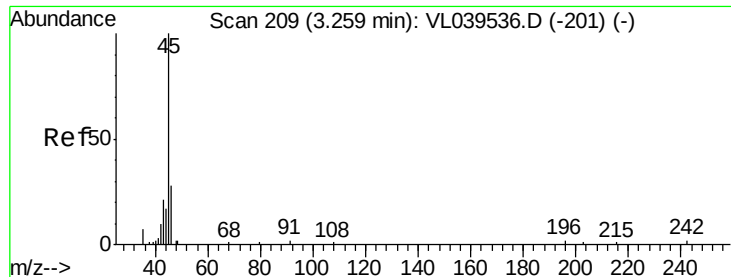
Tot Ion:101 Resp: 12408
 Ion Ratio Lower Upper
 101 100
 103 73.0 50.6 76.0



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.038 ppbv
 RT: 4.08 min Scan# 464
 Delta R.T. -0.00 min
 Lab File: VL039540.D
 Acq: 17 Aug 2022 6:13

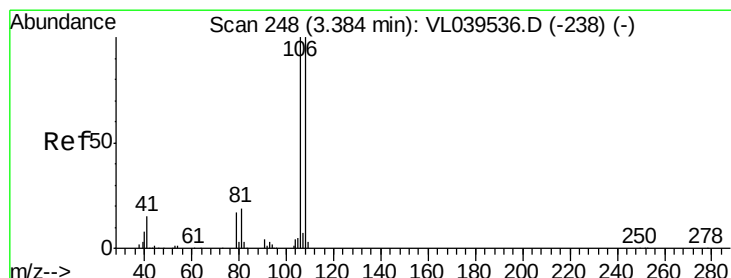
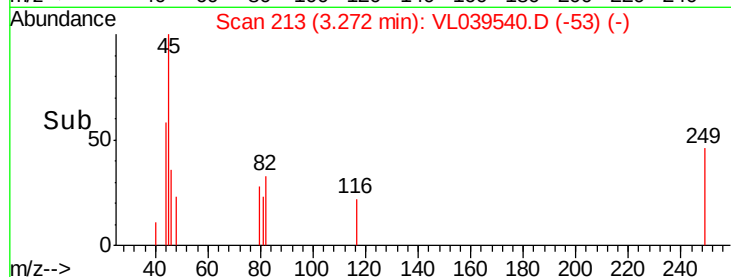
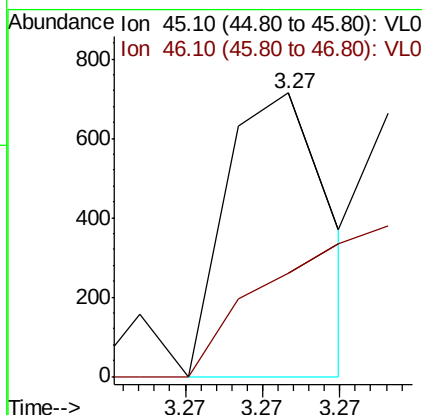
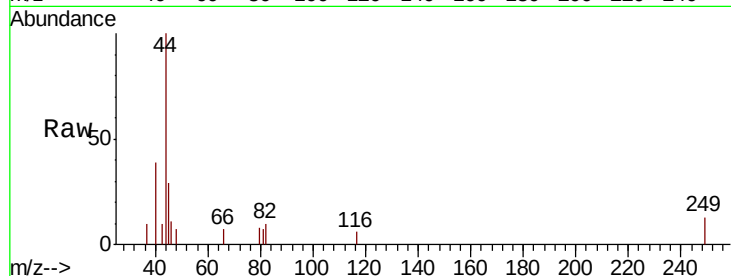
Tgt Ion:101 Resp: 4777
 Ion Ratio Lower Upper
 101 100
 151 194.6 58.6 87.8#





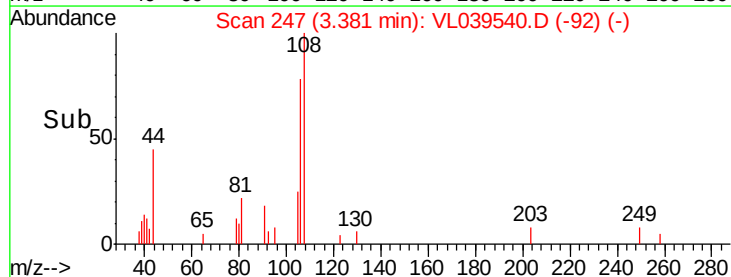
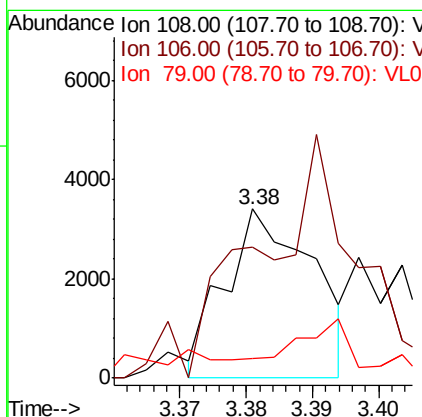
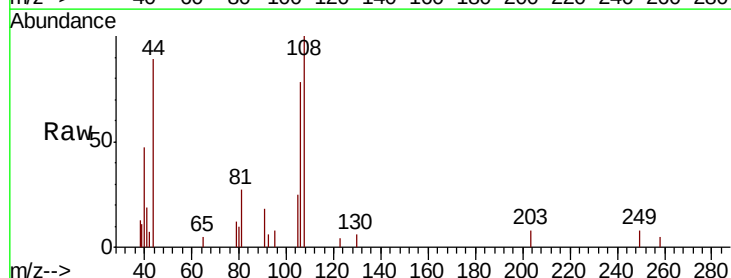
#13
Ethanol
Concen: 0.092 ppbv
RT: 3.27
Delta R.T. MSVOA_L
Lab File: ClientSampleId:
Acq: 17 Aug 2022 0.13

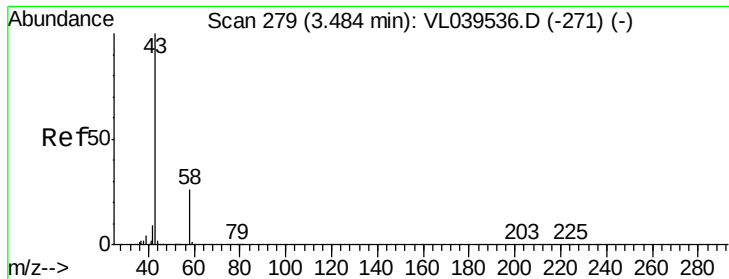
Tot Ion: 45 Resp: 331
Ion Ratio Lower Upper
45 100
46 0.0 19.3 77.1#



#14
Bromoethene
Concen: 0.058 ppbv
RT: 3.38 min Scan# 247
Delta R.T. -0.00 min
Lab File: VL039540.D
Acq: 17 Aug 2022 6:13

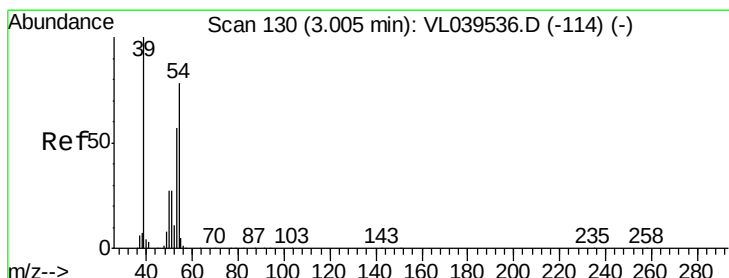
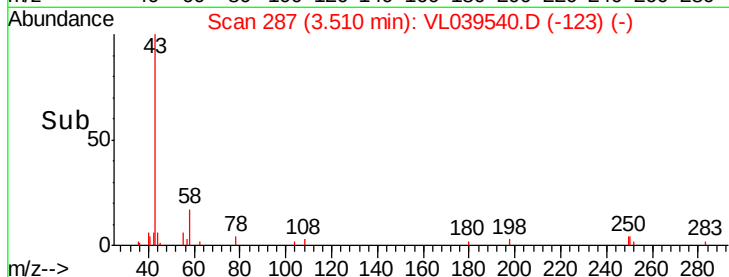
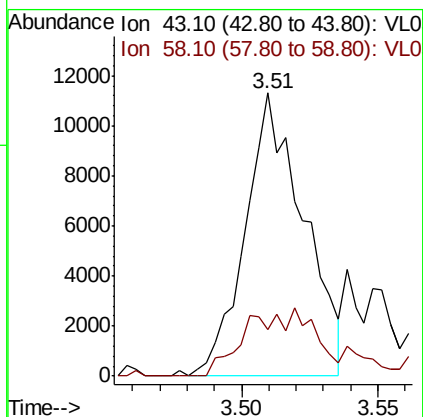
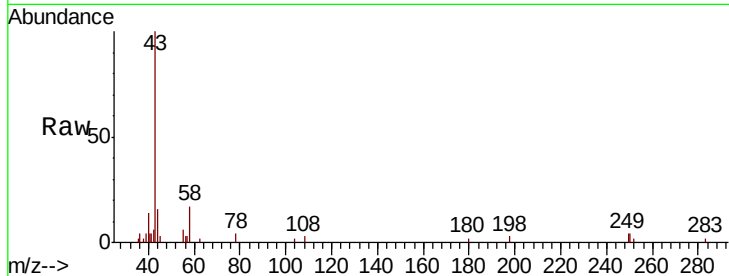
Tgt Ion: 108 Resp: 3129
Ion Ratio Lower Upper
108 100
106 0.0 86.6 130.0#
79 0.0 15.1 22.7#





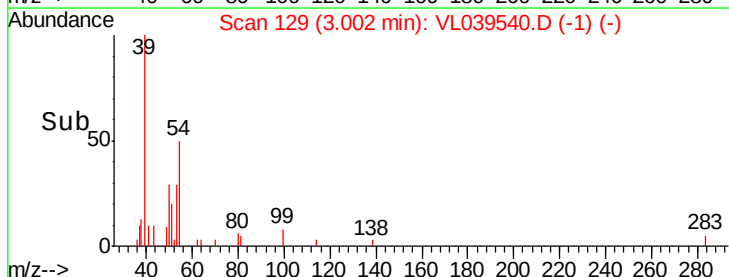
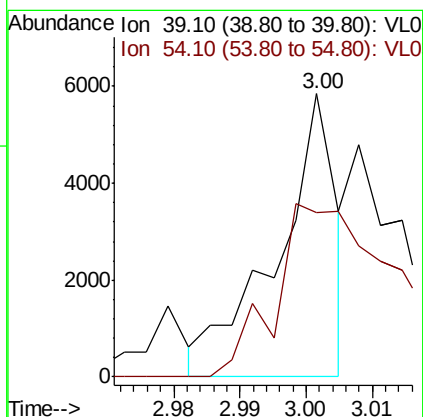
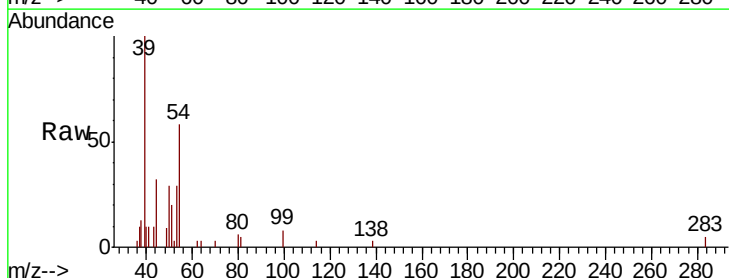
#15
Acetone
Concen: 0.132 ppbv
RT: 3.51
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 17 Aug 2022 6:13

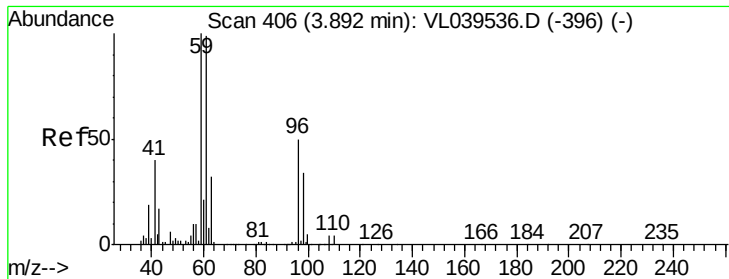
Tot Ion: 43 Resp: 16769
Ion Ratio Lower Upper
43 100
58 32.6 20.7 31.1#



#16
1,3-Butadiene
Concen: 0.055 ppbv
RT: 3.00 min Scan# 129
Delta R.T. -0.00 min
Lab File: VL039540.D
Acq: 17 Aug 2022 6:13

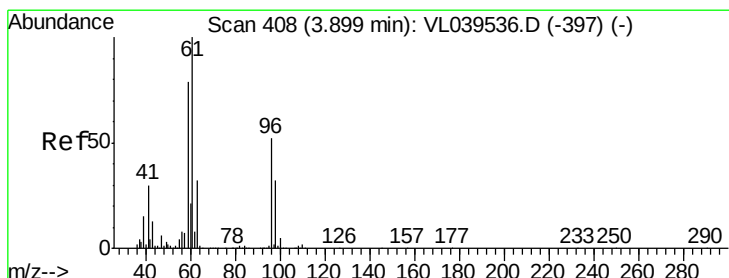
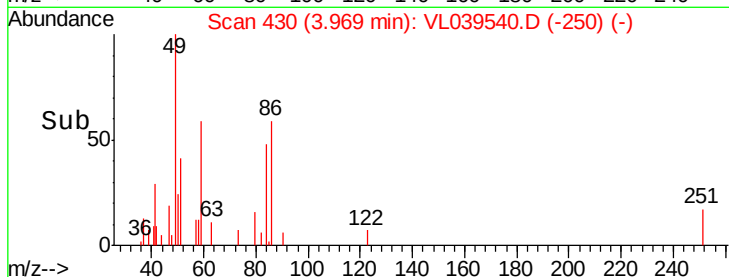
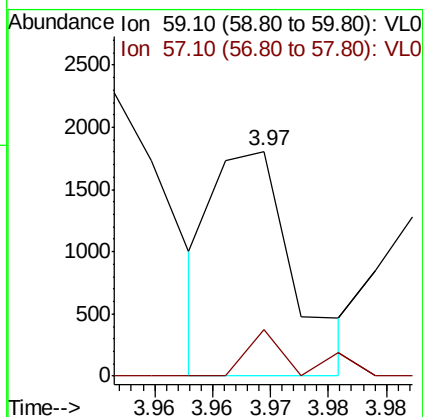
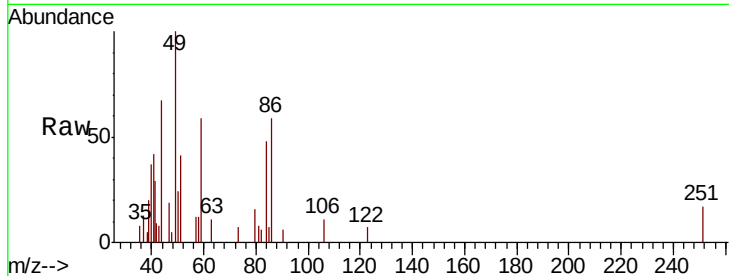
Tgt Ion: 39 Resp: 3655
Ion Ratio Lower Upper
39 100
54 154.7 61.8 92.8#





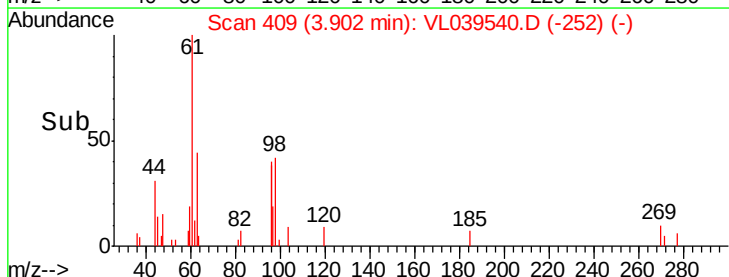
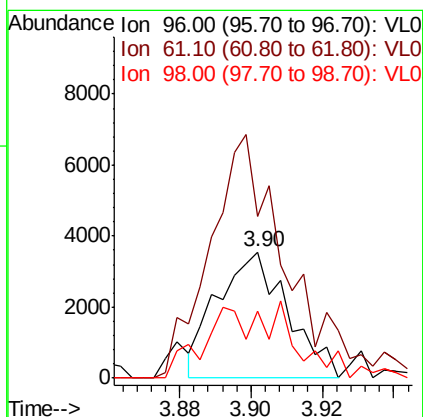
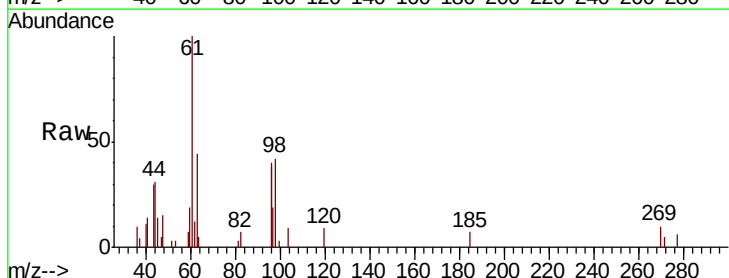
#17
 tert-Butyl alcohol
 Concen: 0.008 ppbv
 RT: 3.97
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VSTDIC0.1
 Acq: 17 Aug 2022 8:13

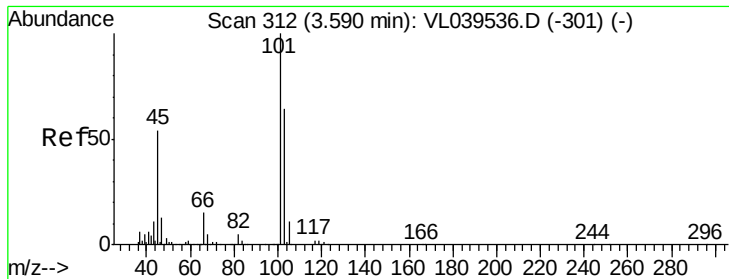
Tot Ion: 59 Resp: 864
 Ion Ratio Lower Upper
 59 100
 57 12.6 8.6 12.8



#18
 1,1-Dichloroethene
 Concen: 0.084 ppbv
 RT: 3.90 min Scan# 409
 Delta R.T. 0.00 min
 Lab File: VL039540.D
 Acq: 17 Aug 2022 6:13

Tgt Ion: 96 Resp: 4842
 Ion Ratio Lower Upper
 96 100
 61 89.7 153.8 230.6#
 98 32.1 48.6 73.0#





#19

Isopropyl Alcohol

Concen: 0.001 ppbv

RT: 3.57 Instrument:

Delta R.T. MSVOA.L

Lab File: ClientSampleId:

VSTDIC001

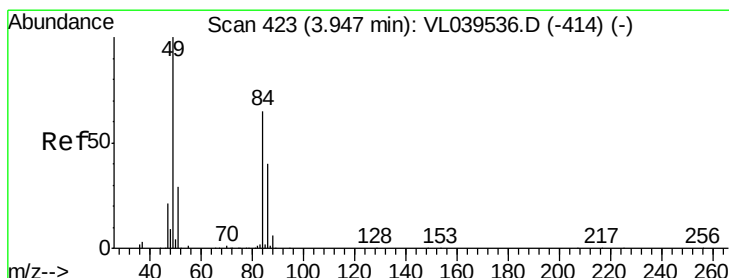
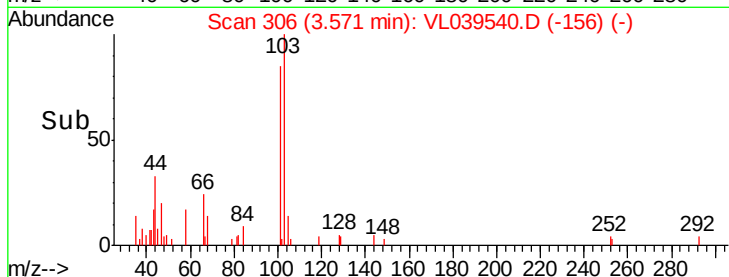
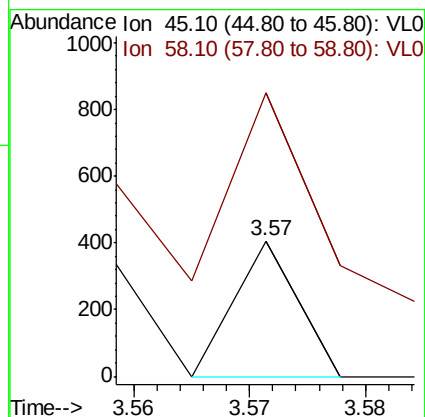
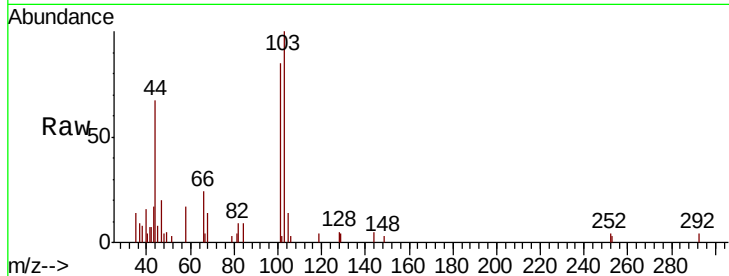
Acq: 17 Aug 2022 0:13

Tot Ion: 45 Resp: 78

Ion Ratio Lower Upper

45 100

58 1033.3 0.0 0.0#



#20

Methylene Chloride

Concen: 0.187 ppbv

RT: 3.95 min Scan# 424

Delta R.T. 0.00 min

Lab File: VL039540.D

Acq: 17 Aug 2022 6:13

Tgt Ion: 84 Resp: 9411

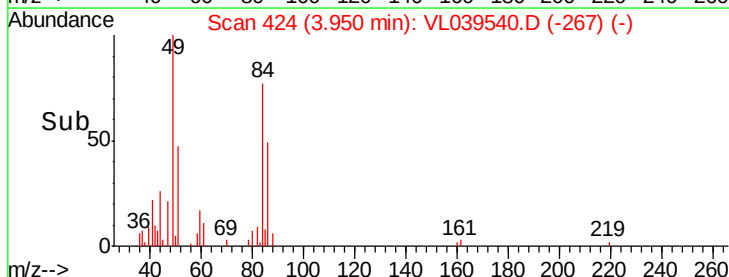
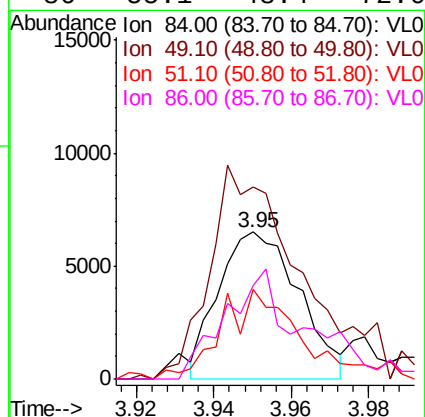
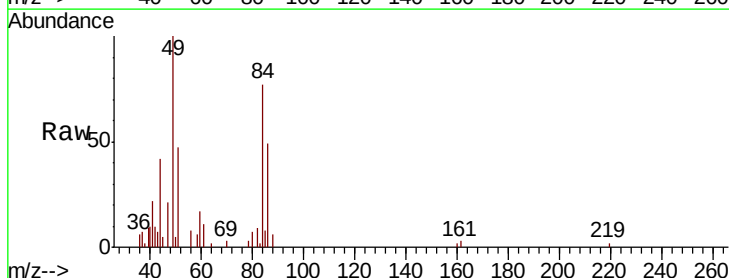
Ion Ratio Lower Upper

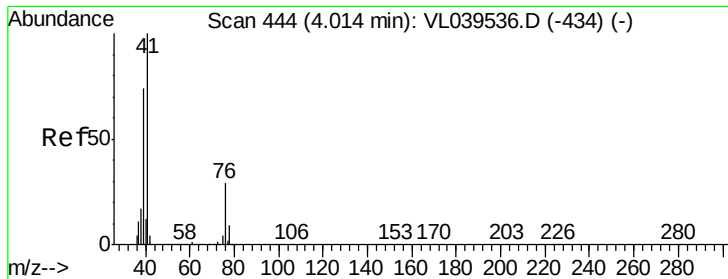
84 100

49 111.8 122.2 183.4#

51 61.2 35.8 53.6#

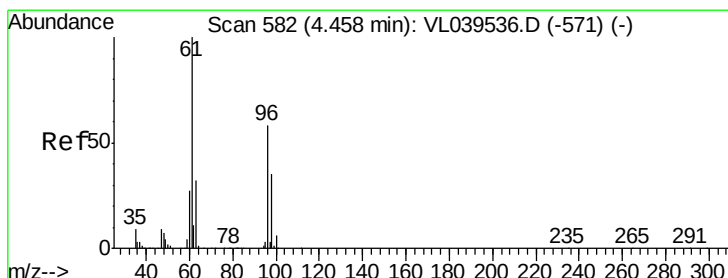
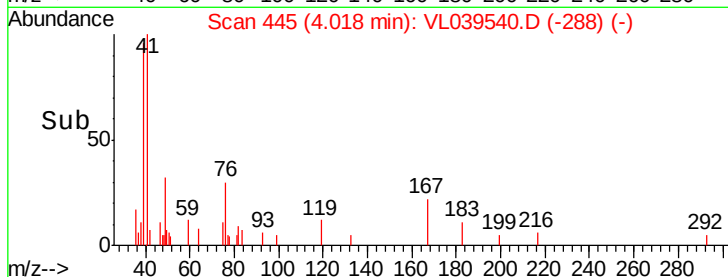
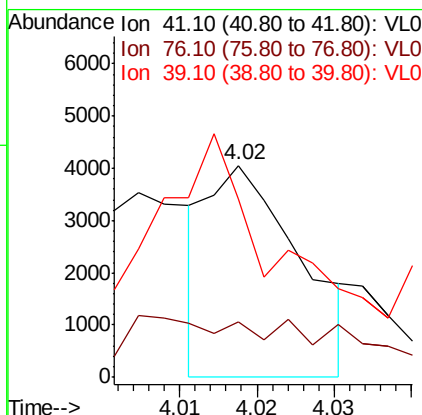
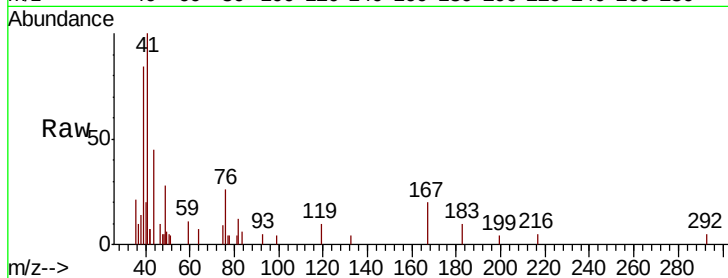
86 55.1 48.4 72.6





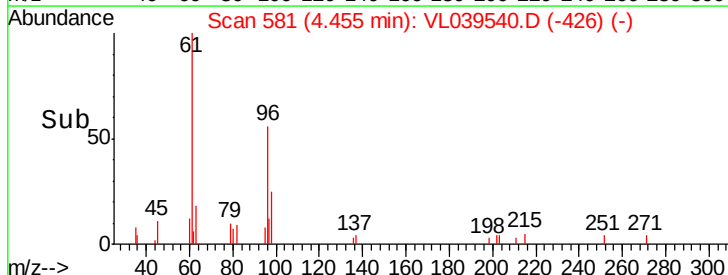
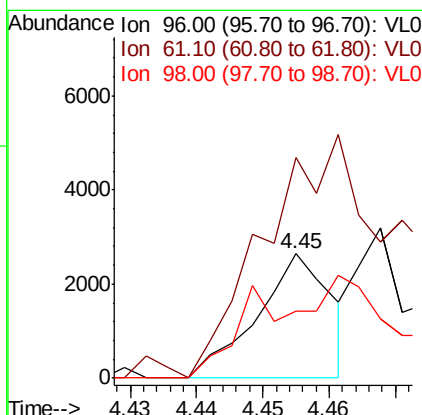
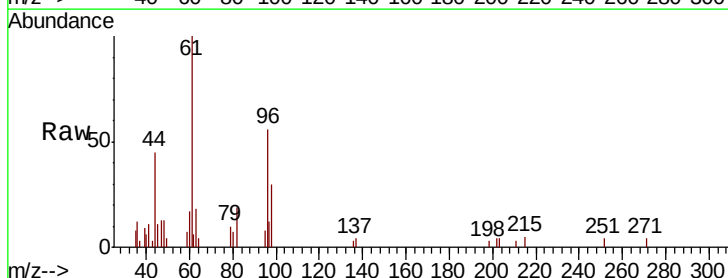
#21
 Allvl Chloride
 Concen: 0.038 ppbv
 RT: 4.02
 Delta R.T. MSVOA_1
 Lab File: ClientSampleId :
 VSTDIC0.1
 Acq: 17 Aug 2022 8:13

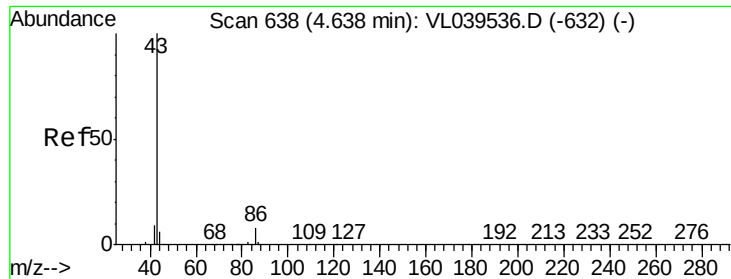
Tot Ion: 41 Resp: 3334
 Ion Ratio Lower Upper
 41 100
 76 0.0 23.1 34.7#
 39 216.9 63.4 95.2#



#22
 trans-1,2-Dichloroethene
 Concen: 0.037 ppbv
 RT: 4.45 min Scan# 581
 Delta R.T. -0.00 min
 Lab File: VL039540.D
 Acq: 17 Aug 2022 6:13

Tgt Ion: 96 Resp: 2036
 Ion Ratio Lower Upper
 96 100
 61 177.5 138.1 207.1
 98 54.1 48.8 73.2





#23

Vinyl Acetate

Concen: 0.017 ppbv

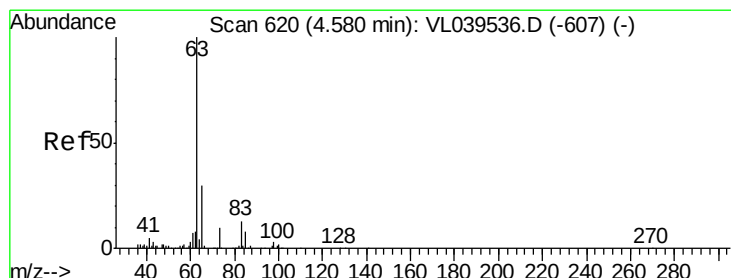
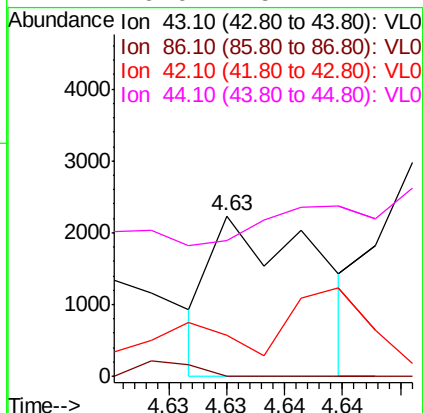
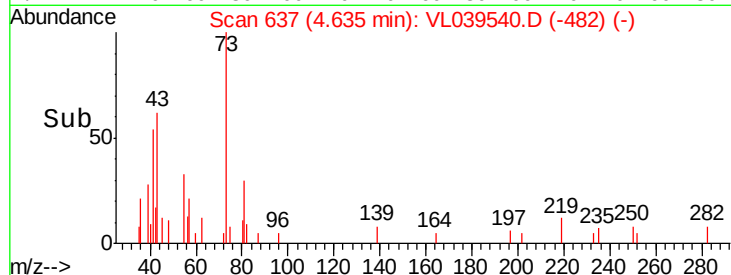
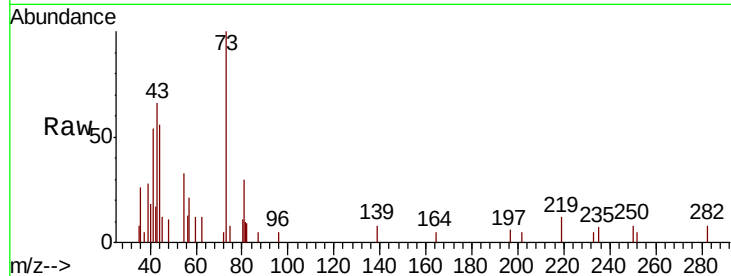
RT: 4.63 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: VSTDIC0.1

Acq: 17 Aug 2022 8:13

Tot Ion:	43	Resp:	1395
Ion	Ratio	Lower	Upper
43	100		
86	11.7	5.3	7.9#
42	0.0	8.7	13.1#
44	0.0	5.1	7.7#



#24

1,1-Dichloroethane

Concen: 0.037 ppbv

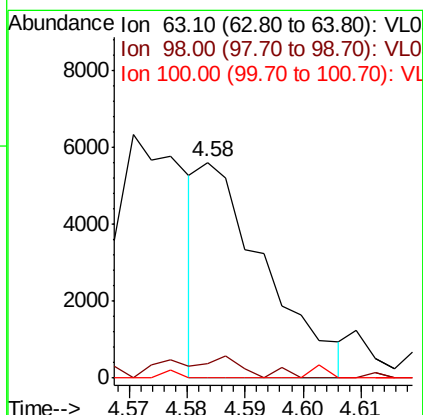
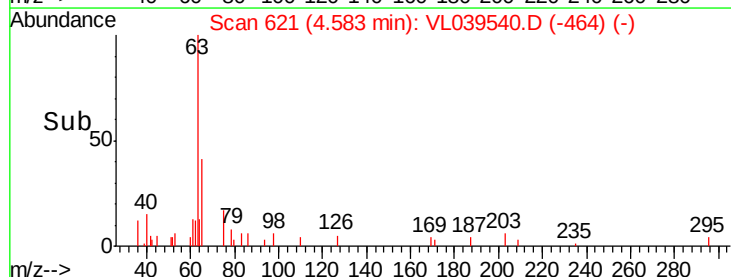
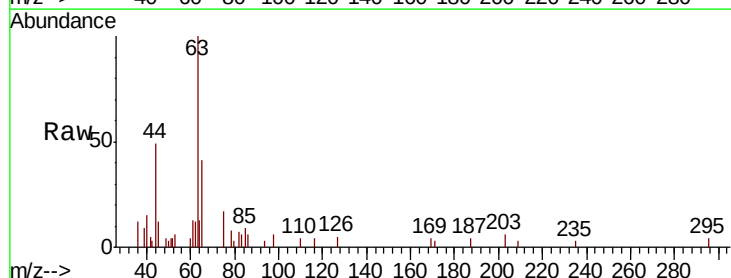
RT: 4.58 min Scan# 621

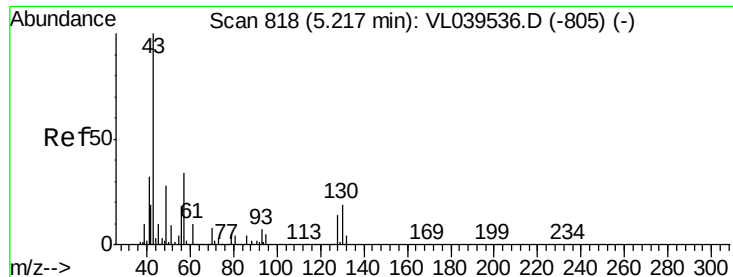
Delta R.T. 0.00 min

Lab File: VL039540.D

Acq: 17 Aug 2022 6:13

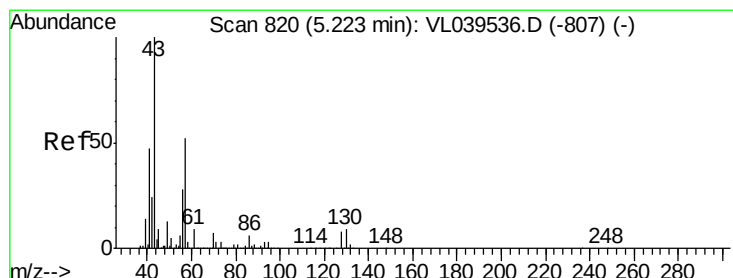
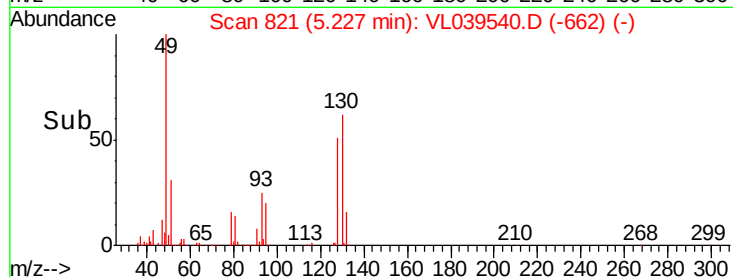
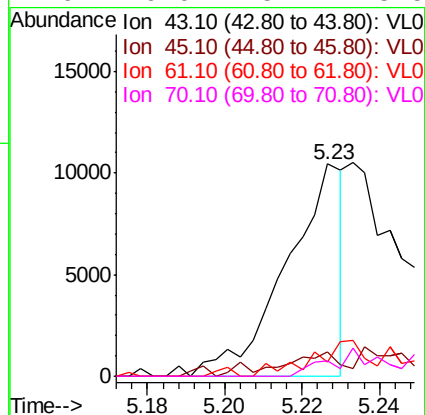
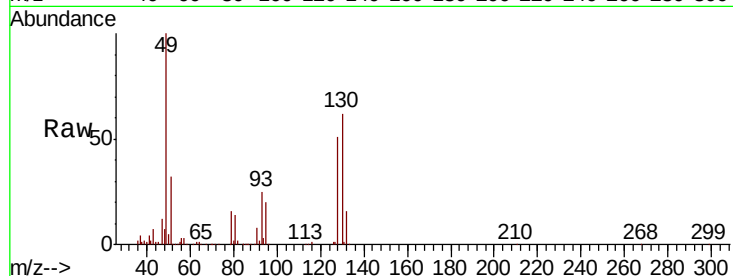
Tgt Ion:	63	Resp:	4415
Ion	Ratio	Lower	Upper
63	100		
98	7.8	1.7	5.0#
100	0.0	1.1	3.3#





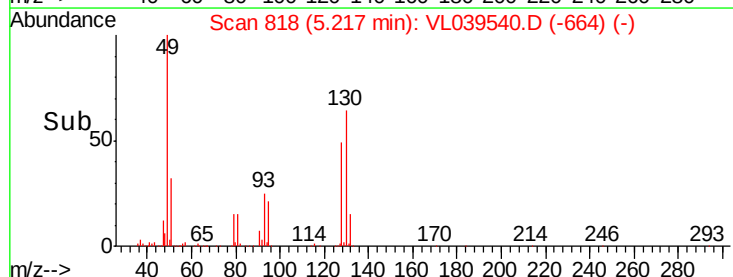
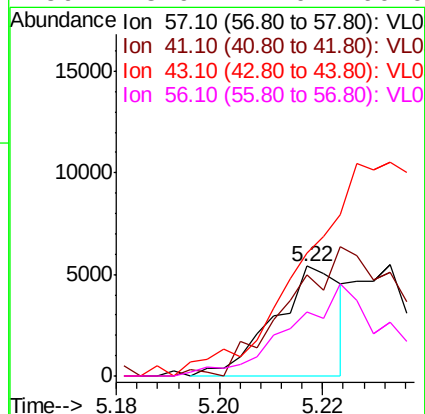
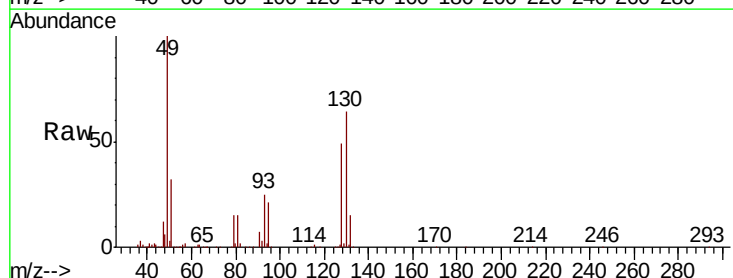
#25
Ethyl Acetate
Concen: 0.041 ppbv
RT: 5.23
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 17 Aug 2022 8:13

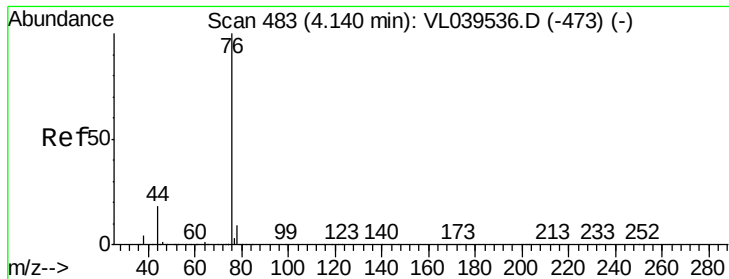
Tot Ion:	43	Resp:	10639
Ion	Ratio	Lower	Upper
43	100		
45	0.0	8.2	12.4#
61	0.0	8.6	12.8#
70	0.0	5.7	8.5#



#26
Hexane
Concen: 0.046 ppbv
RT: 5.22 min Scan# 818
Delta R.T. -0.01 min
Lab File: VL039540.D
Acq: 17 Aug 2022 6:13

Tgt Ion:	57	Resp:	4777
Ion	Ratio	Lower	Upper
57	100		
41	246.0	79.4	119.2#
43	0.0	199.7	299.5#
56	143.9	44.0	66.0#





#27

Carbon Disulfide

Concen: 0.069 ppbv

RT: 4.14 Instrument:

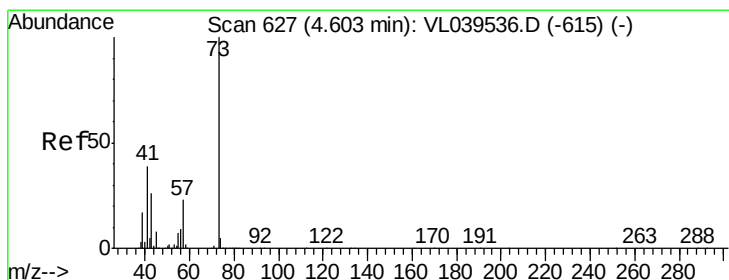
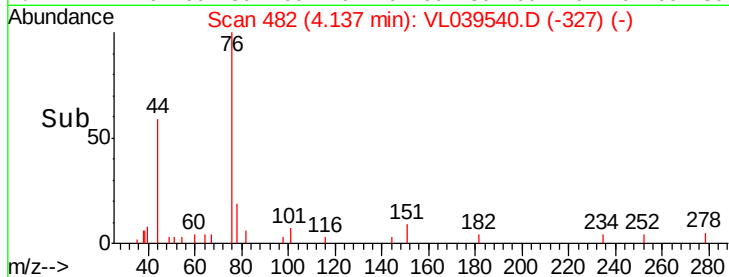
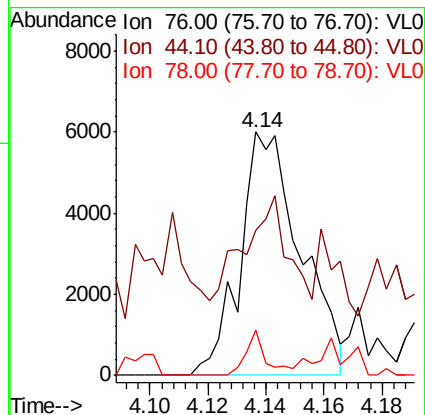
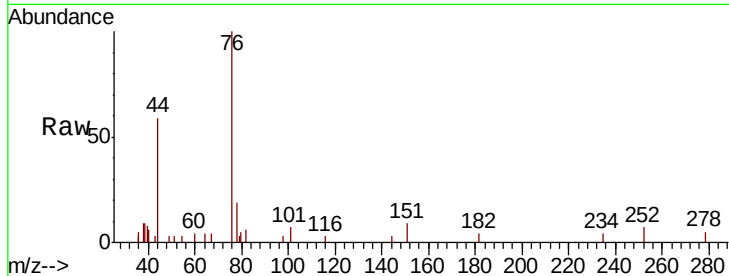
Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 17 Aug 2022 0:13

Tot Ion: 76 Resp: 8711

Ion	Ratio	Lower	Upper
76	100		
44	41.6	16.3	24.5#
78	14.1	7.8	11.6#



#28

Methyl tert-Butyl Ether

Concen: 0.003 ppbv

RT: 4.60 min Scan# 626

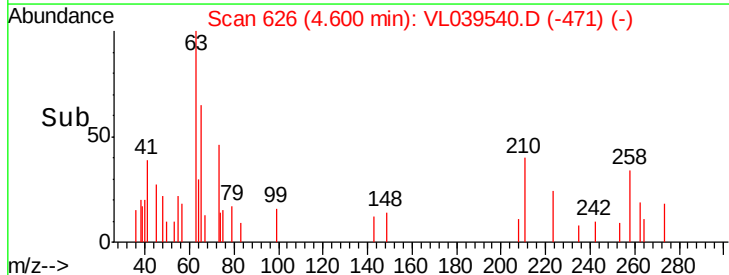
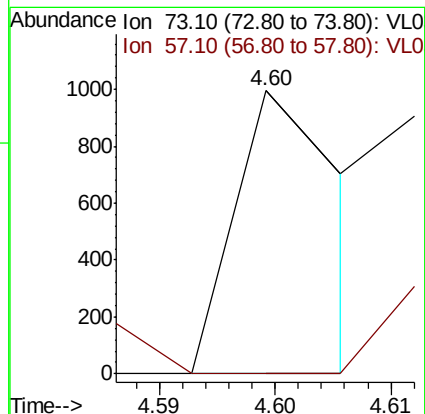
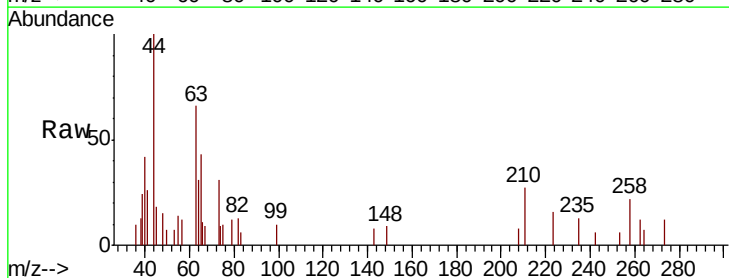
Delta R.T. -0.00 min

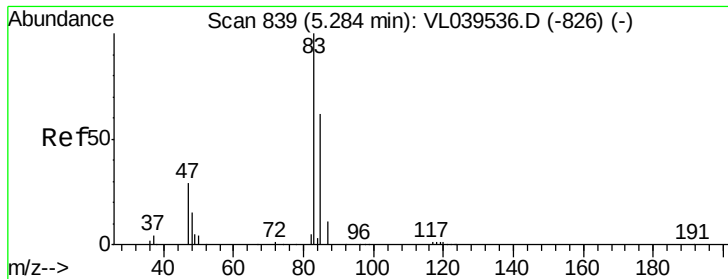
Lab File: VL039540.D

Acq: 17 Aug 2022 6:13

Tgt Ion: 73 Resp: 328

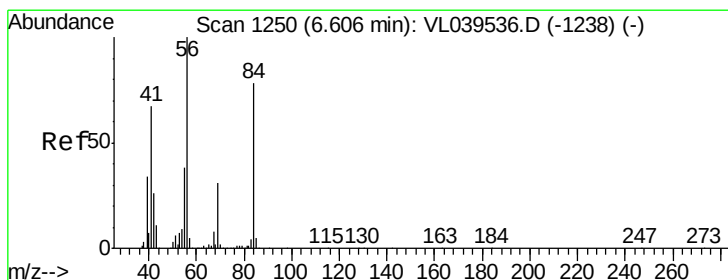
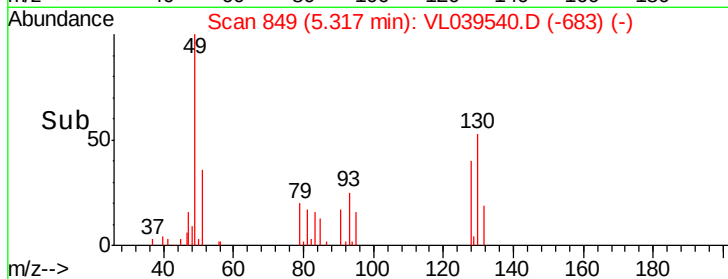
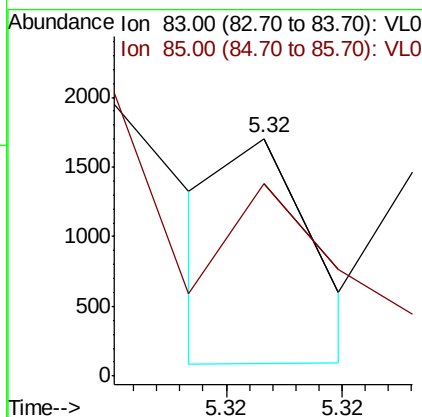
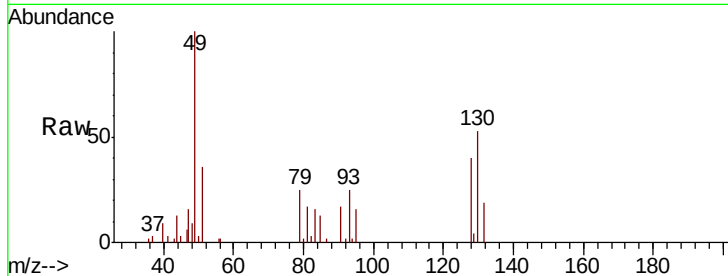
Ion	Ratio	Lower	Upper
73	100		
57	0.0	19.8	29.6#





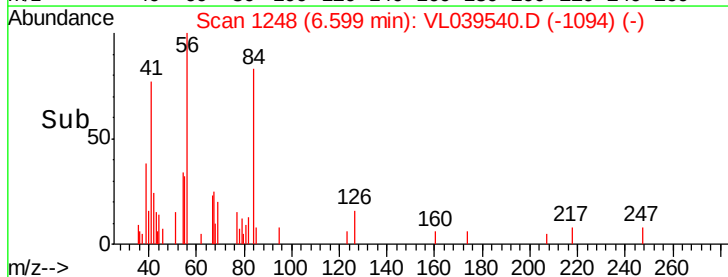
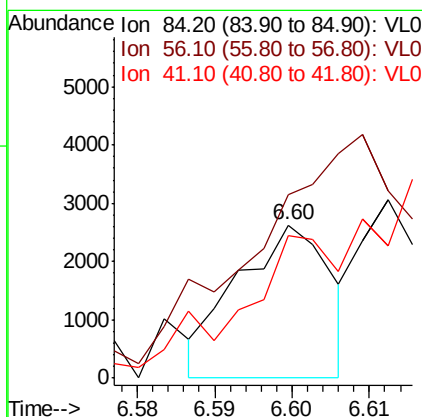
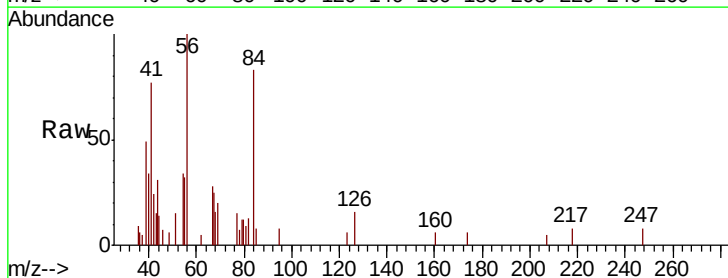
#29
Chloroform
Concen: 0.002 ppbv
RT: 5.32
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 17 Aug 2022 0.13

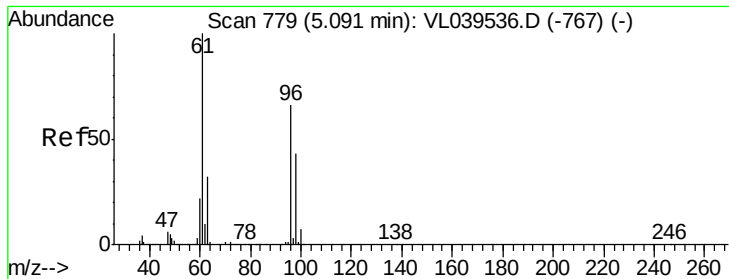
Tot Ion: 83 Resp: 409
Ion Ratio Lower Upper
83 100
85 70.8 49.8 74.8



#30
Cyclohexane
Concen: 0.023 ppbv
RT: 6.60 min Scan# 1248
Delta R.T. -0.01 min
Lab File: VL039540.D
Acq: 17 Aug 2022 6:13

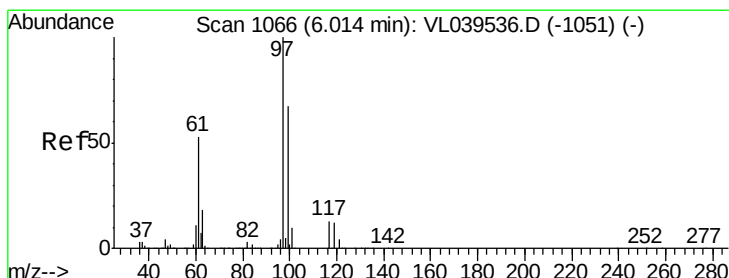
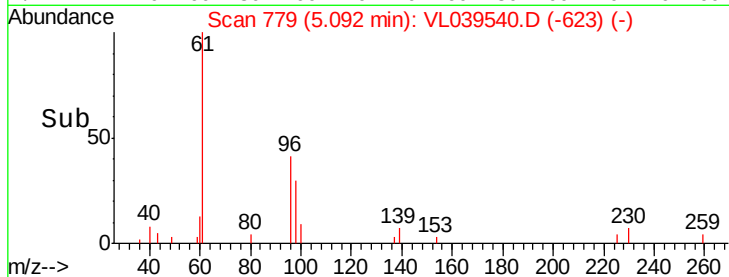
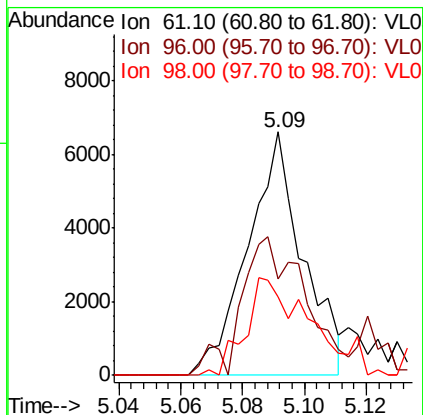
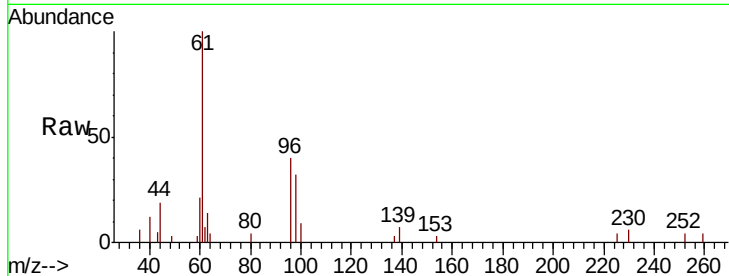
Tgt Ion: 84 Resp: 2204
Ion Ratio Lower Upper
84 100
56 0.0 0.0 0.0
41 0.0 0.0 0.0





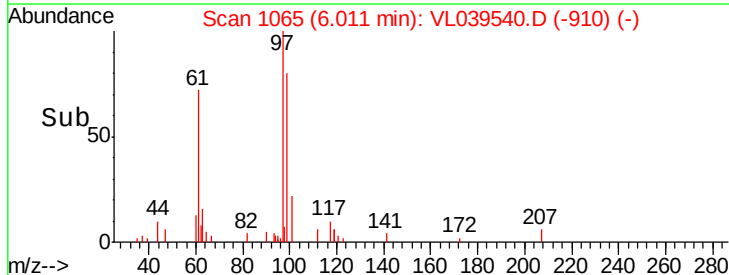
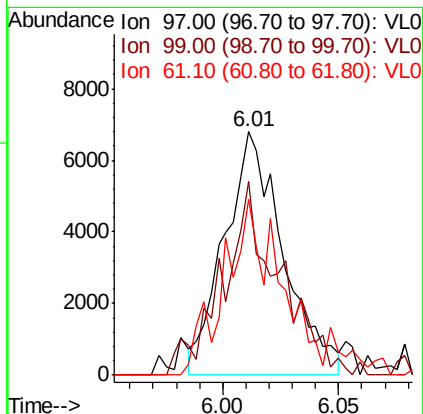
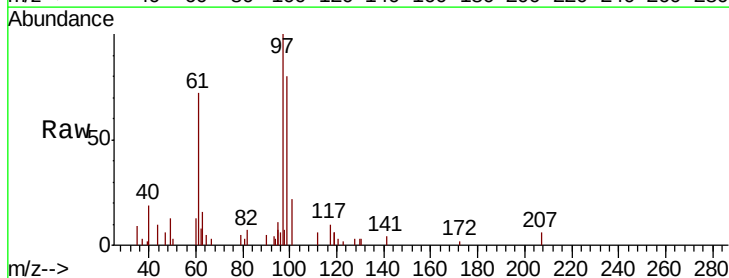
#31
 cis-1,2-Dichloroethene
 Concen: 0.074 ppbv
 RT: 5.09
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VSTDIC0.1
 Acq: 17 Aug 2022 6:13

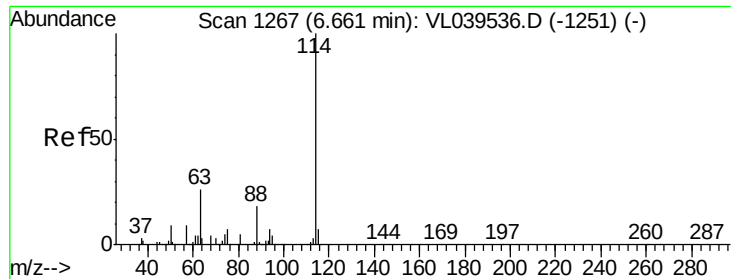
Tot Ion	Ratio	Lower	Upper
61	100		
96	39.9	52.9	79.3#
98	32.3	34.5	51.7#



#32
 1,1,1-Trichloroethane
 Concen: 0.067 ppbv
 RT: 6.01 min Scan# 1065
 Delta R.T. -0.00 min
 Lab File: VL039540.D
 Acq: 17 Aug 2022 6:13

Tgt Ion	Ratio	Lower	Upper
97	100		
99	77.4	52.4	78.6
61	76.1	42.9	64.3#





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.66 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: VSTDIC0.1

Acq: 17 Aug 2022 6:13

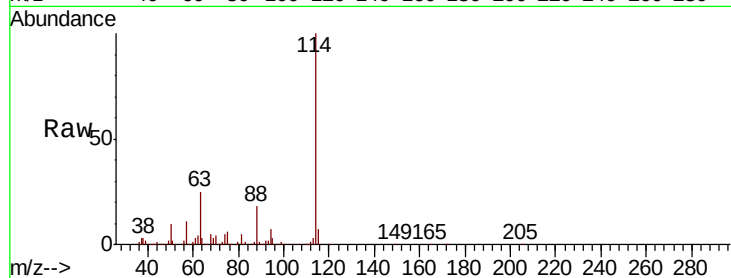
Tot Ion:114 Resp: 2848374

Ion Ratio Lower Upper

114 100

63 25.0 20.6 31.0

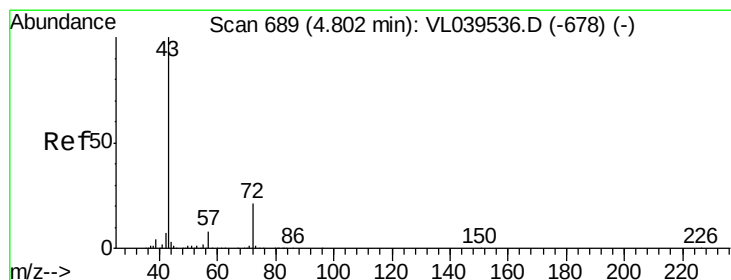
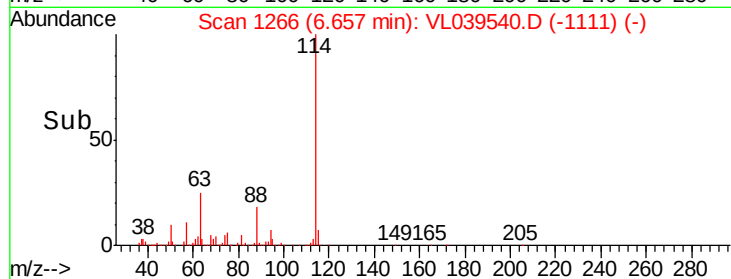
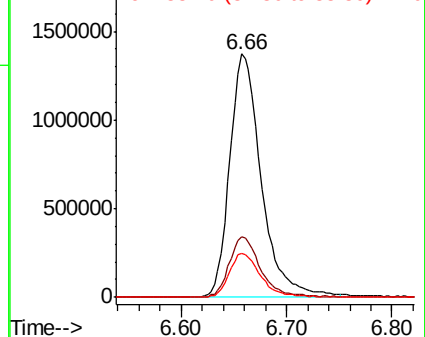
88 18.2 14.6 22.0



Abundance Ion 114.10 (113.80 to 114.80): V

Ion 63.10 (62.80 to 63.80): VL0

Ion 88.10 (87.80 to 88.80): VL0



#34

2-Butanone

Concen: 0.002 ppbv

RT: 4.79 min Scan# 685

Delta R.T. -0.01 min

Lab File: VL039540.D

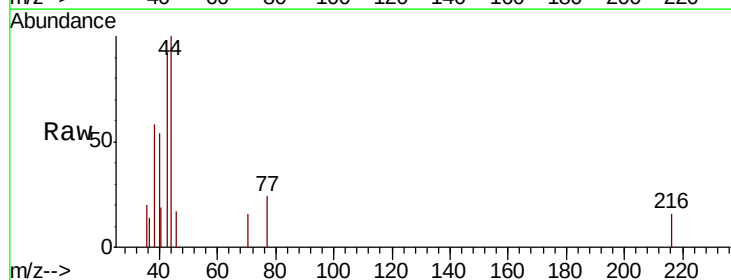
Acq: 17 Aug 2022 6:13

Tgt Ion: 43 Resp: 334

Ion Ratio Lower Upper

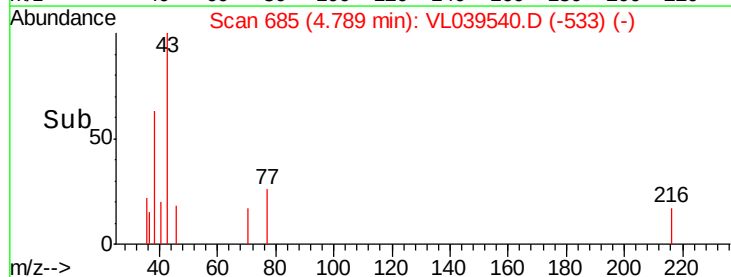
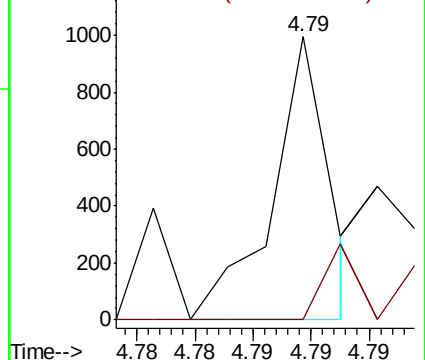
43 100

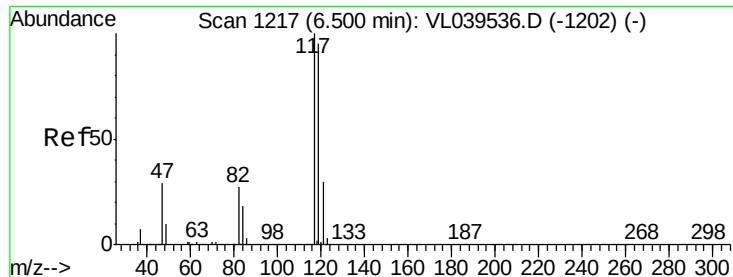
72 0.0 17.4 26.0#



Abundance Ion 43.10 (42.80 to 43.80): VL0

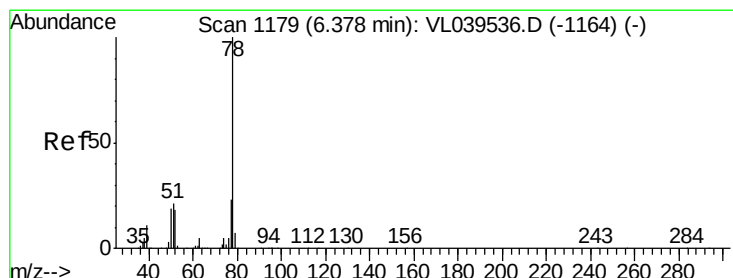
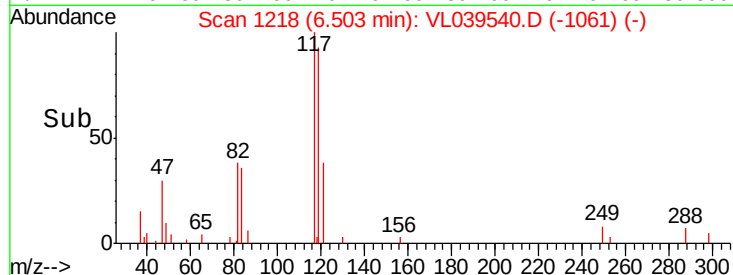
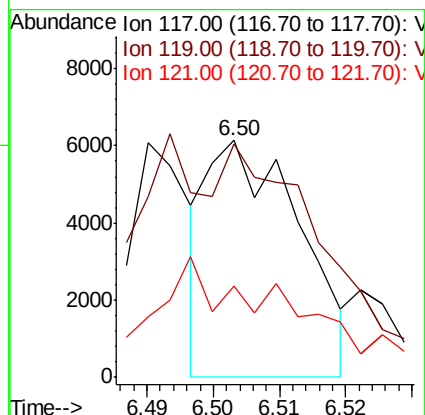
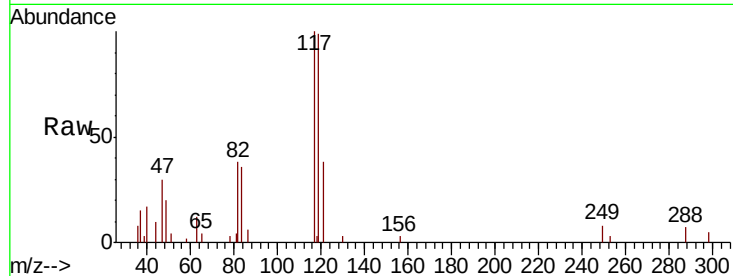
Ion 72.10 (71.80 to 72.80): VL0





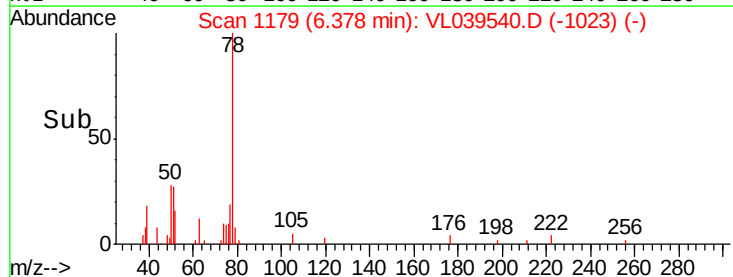
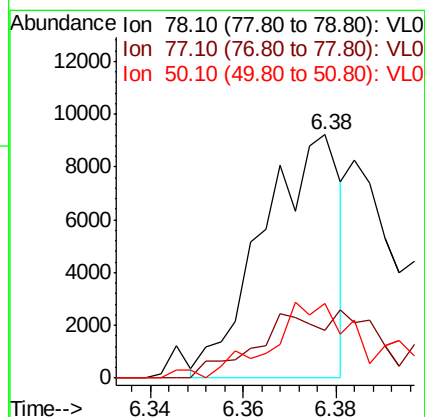
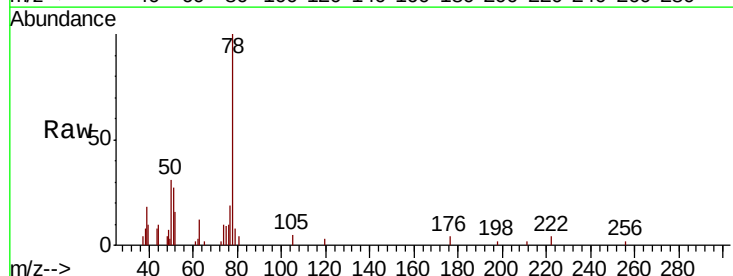
#35
Carbon Tetrachloride
Concen: 0.034 ppbv
RT: 6.50
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
VSTDIC0.1
Acq: 17 Aug 2022 6:13

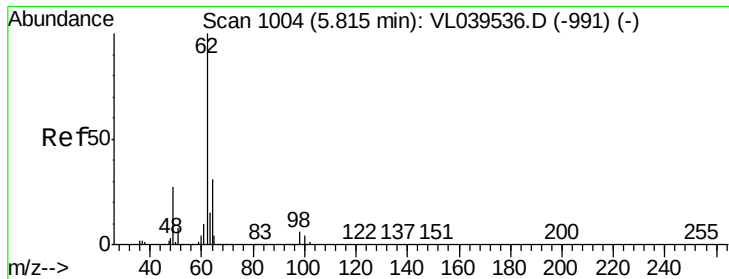
Tot Ion:117 Resp: 5934
Ion Ratio Lower Upper
117 100
119 72.9 76.2 114.4#
121 20.9 24.4 36.6#



#36
Benzene
Concen: 0.049 ppbv
RT: 6.38 min Scan# 1179
Delta R.T. 0.00 min
Lab File: VL039540.D
Acq: 17 Aug 2022 6:13

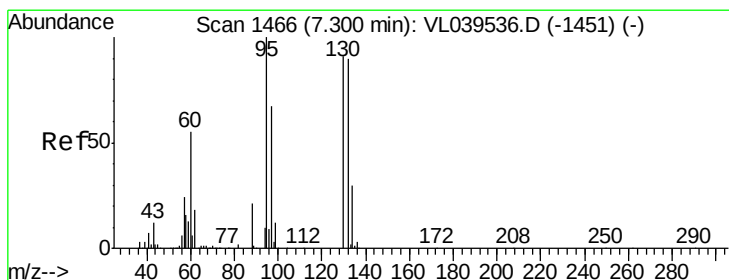
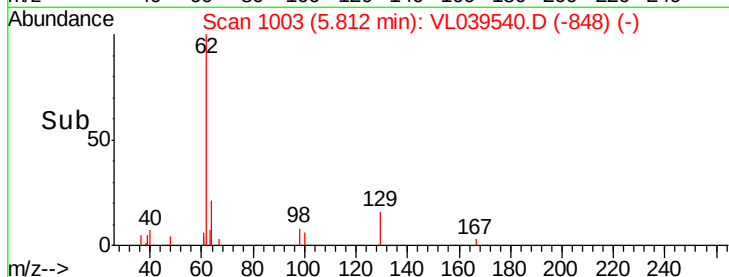
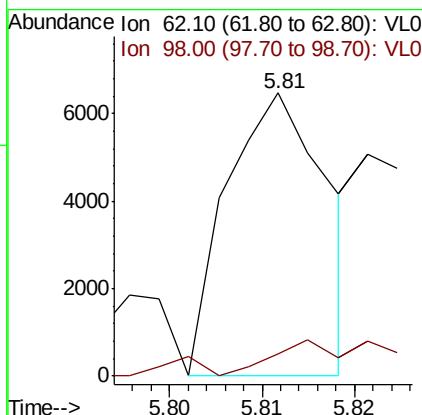
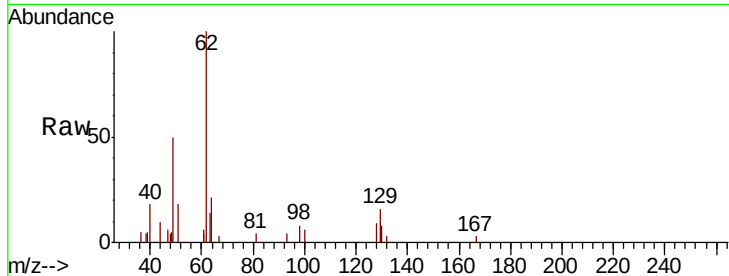
Tgt Ion: 78 Resp: 10653
Ion Ratio Lower Upper
78 100
77 20.2 18.6 27.8
50 28.5 15.0 22.4#





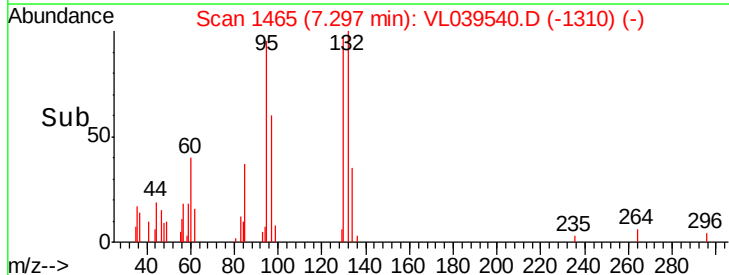
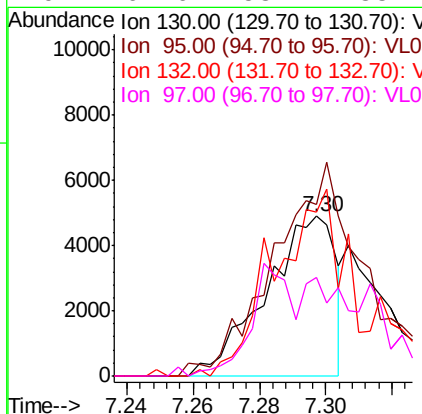
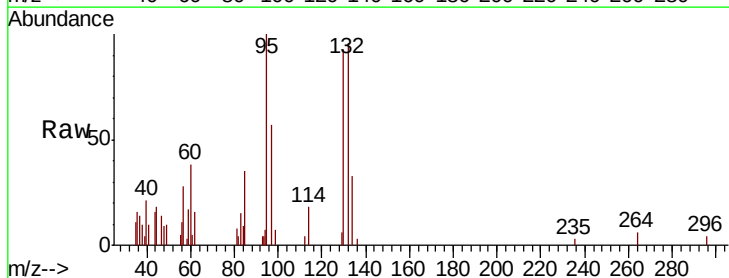
#37
 1,2-Dichloroethane
 Concen: 0.038 ppbv
 RT: 5.81
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VSTDIC0.1
 Acq: 17 Aug 2022 8:13

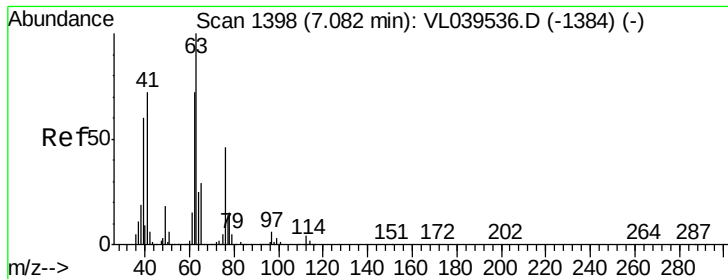
Tot Ion: 62 Resp: 4864
 Ion Ratio Lower Upper
 62 100
 98 18.7 5.4 8.2#



#38
 Trichloroethene
 Concen: 0.060 ppbv
 RT: 7.30 min Scan# 1465
 Delta R.T. -0.00 min
 Lab File: VL039540.D
 Acq: 17 Aug 2022 6:13

Tgt Ion:130 Resp: 7153
 Ion Ratio Lower Upper
 130 100
 95 99.7 88.0 132.0
 132 102.8 79.1 118.7
 97 61.6 58.7 88.1





#39

1,2-Dichloropropane

Concen: 8.532 ppbv

RT: 6.66 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: VSTDIC0.1

Acq: 17 Aug 2022 6:13

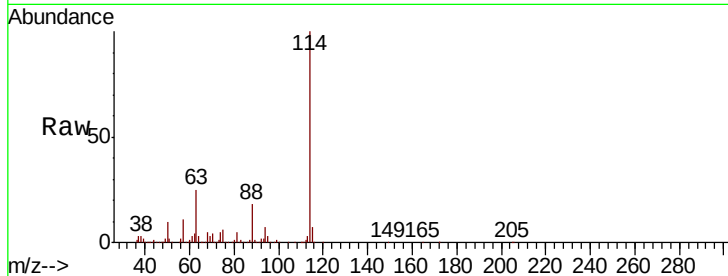
Tot Ion: 63 Resp: 698556

Ion Ratio Lower Upper

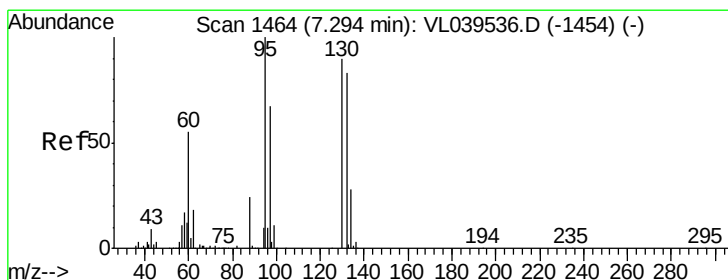
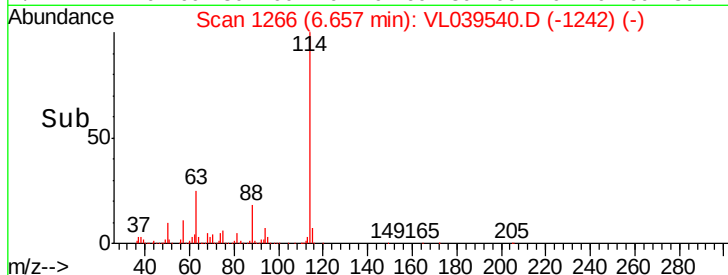
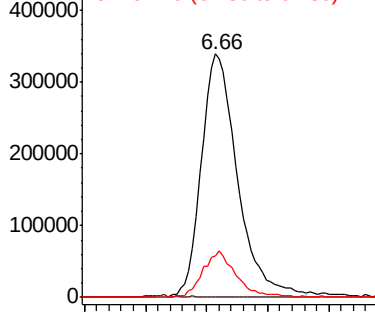
63 100

41 0.3 58.0 87.0#

62 16.9 57.8 86.8#



Abundance Ion 63.10 (62.80 to 63.80): VL0
Ion 41.10 (40.80 to 41.80): VL0
Ion 62.10 (61.80 to 62.80): VL0



#40

1,4-Dioxane

Concen: 0.002 ppbv

RT: 7.29 min Scan# 1462

Delta R.T. -0.01 min

Lab File: VL039540.D

Acq: 17 Aug 2022 6:13

Tgt Ion: 88 Resp: 55

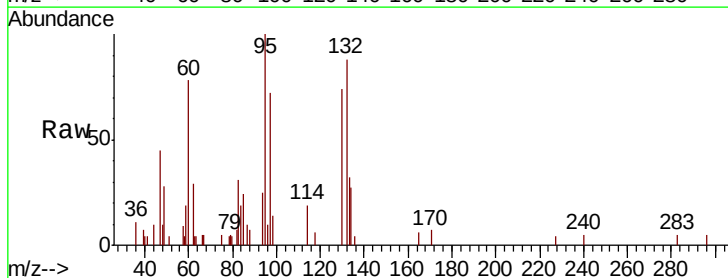
Ion Ratio Lower Upper

88 100

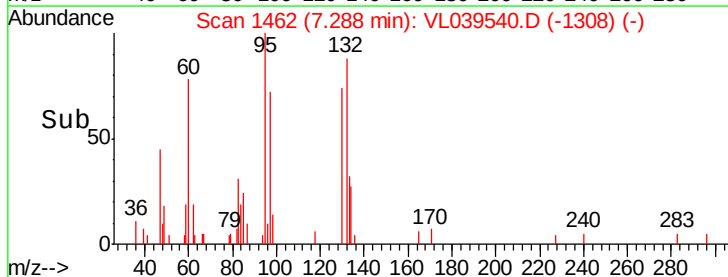
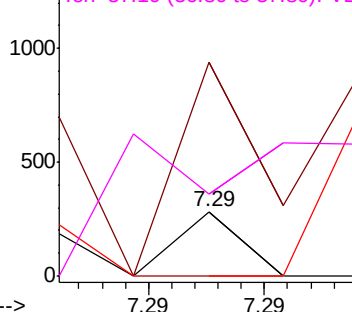
58 1041.8 102.8 154.2#

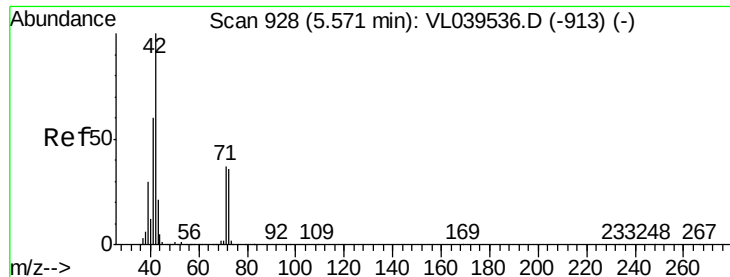
43 0.0 216.2 324.2#

57 0.0 910.0 1365.0#



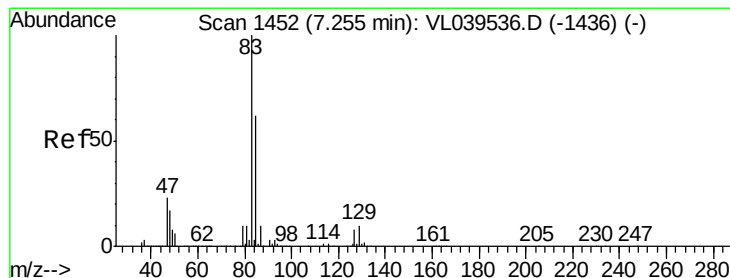
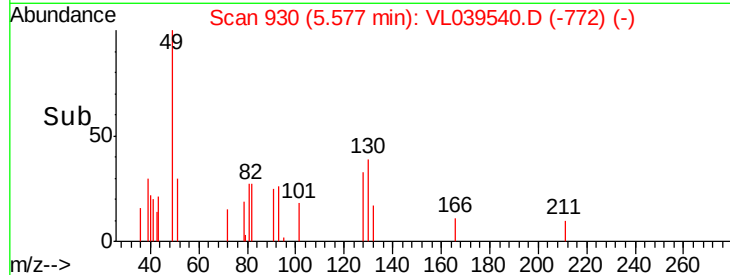
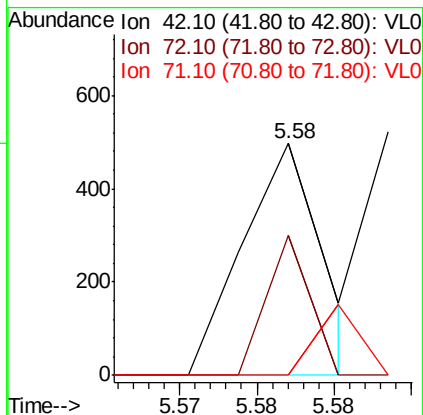
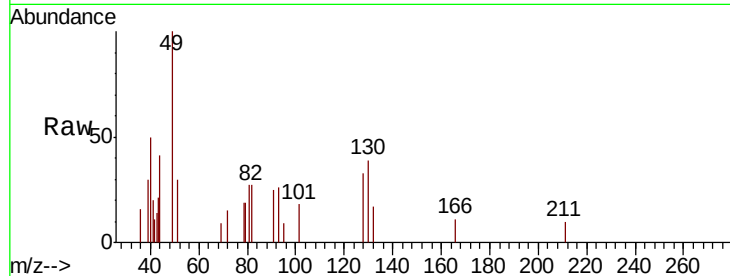
Abundance Ion 88.10 (87.80 to 88.80): VL0
Ion 58.10 (57.80 to 58.80): VL0
Ion 43.10 (42.80 to 43.80): VL0
Ion 57.10 (56.80 to 57.80): VL0





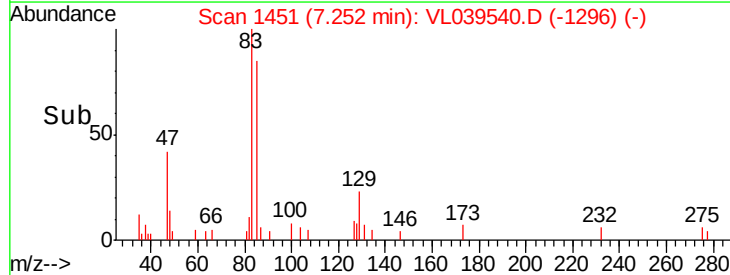
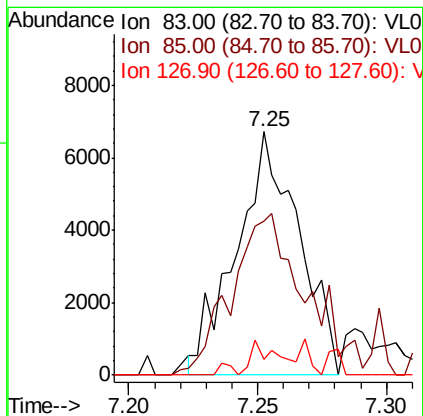
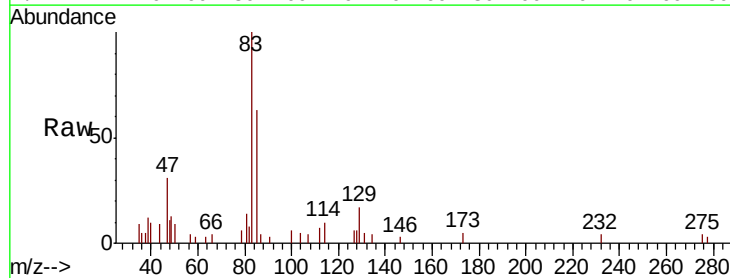
#41
Tetrahydrofuran
Concen: 0.002 ppbv
RT: 5.58
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 17 Aug 2022 8:13

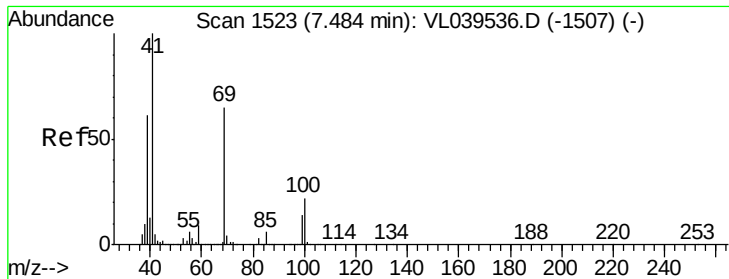
Tot Ion	Ratio	Lower	Upper
42	100		
72	0.0	30.6	45.8#
71	0.0	30.7	46.1#



#42
Bromodichloromethane
Concen: 0.066 ppbv
RT: 7.25 min Scan# 1451
Delta R.T. -0.00 min
Lab File: VL039540.D
Acq: 17 Aug 2022 6:13

Tgt Ion	Ratio	Lower	Upper
83	100		
85	60.0	49.9	74.9
127	6.4	6.7	10.1#





#43

Methyl Methacrylate

Concen: 0.011 ppbv

RT: 7.48

Instrument: MSVOA_1

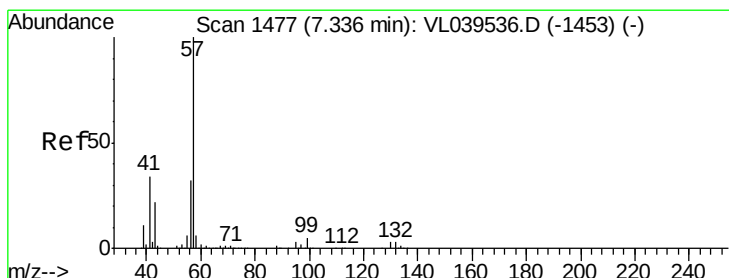
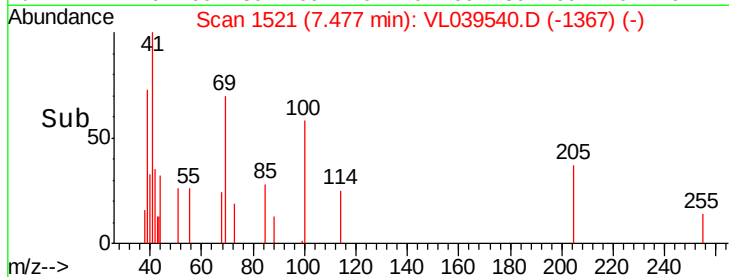
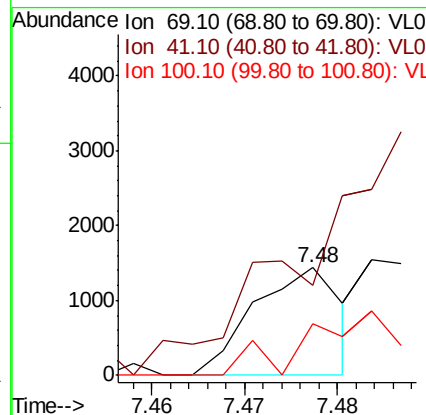
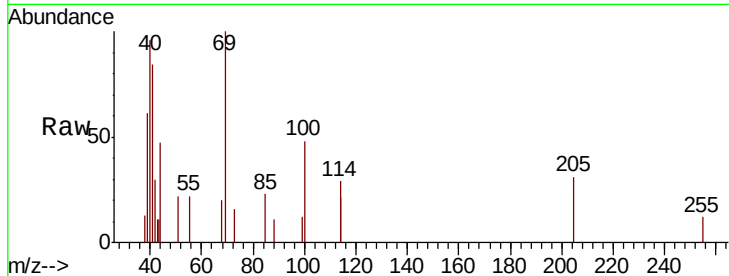
Delta R.T. ClientSampleId:

Lab File: VSTDIC0.1

Acq: 17 Aug 2022 6:13

Tot Ion: 69 Resp: 935

Ion	Ratio	Lower	Upper
69	100		
41	0.0	123.0	184.6#
100	0.0	27.4	41.2#



#44

2,2,4-Trimethylpentane

Concen: 0.031 ppbv

RT: 7.33 min Scan# 1475

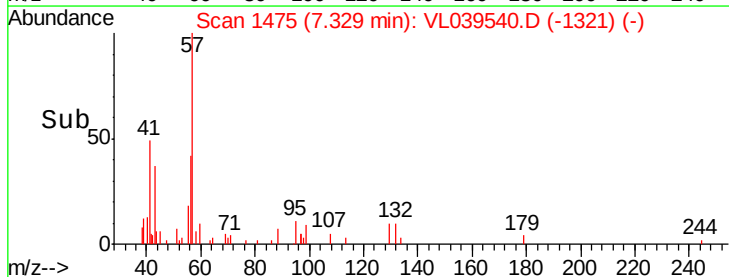
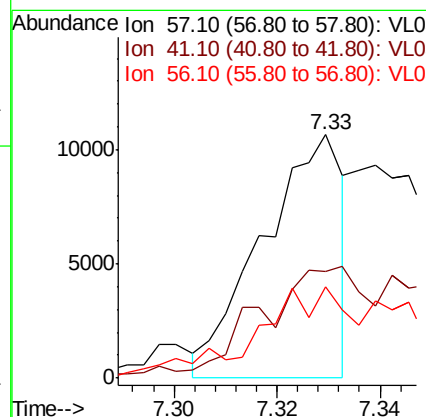
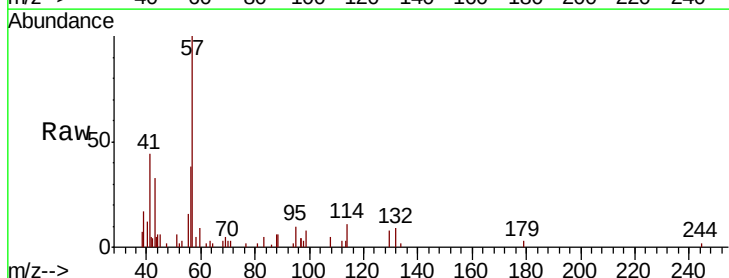
Delta R.T. -0.01 min

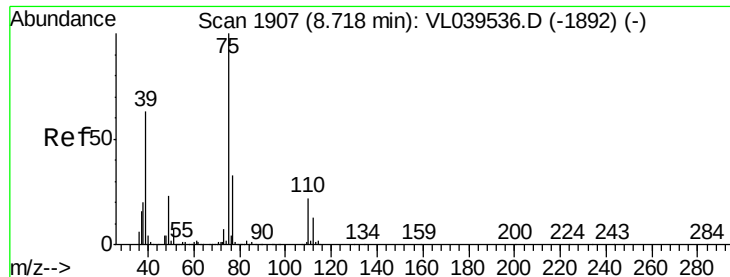
Lab File: VL039540.D

Acq: 17 Aug 2022 6:13

Tgt Ion: 57 Resp: 11539

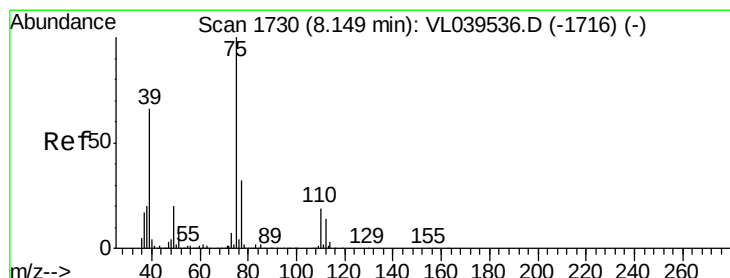
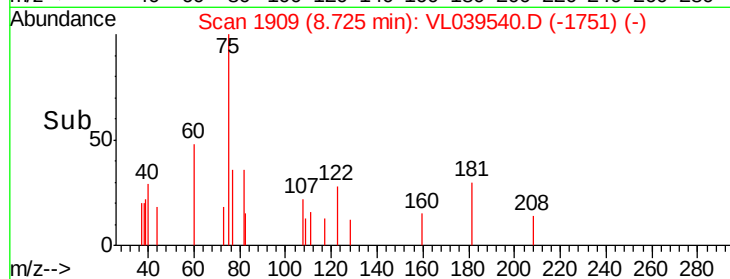
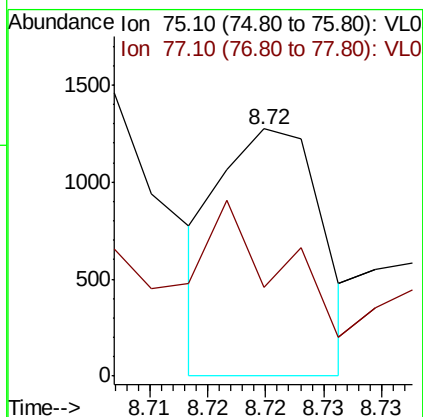
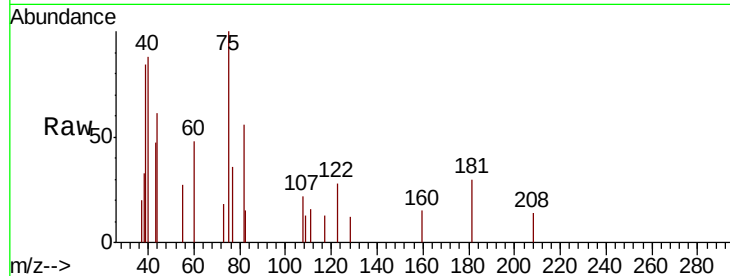
Ion	Ratio	Lower	Upper
57	100		
41	104.9	27.8	41.6#
56	78.6	25.5	38.3#





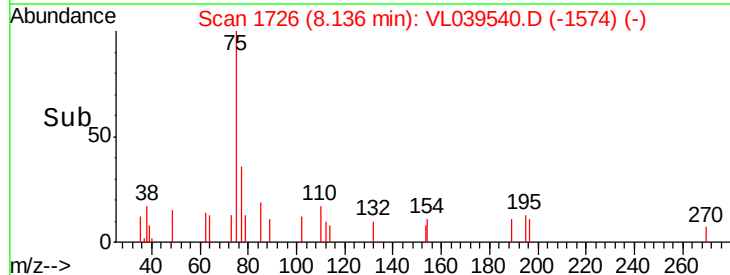
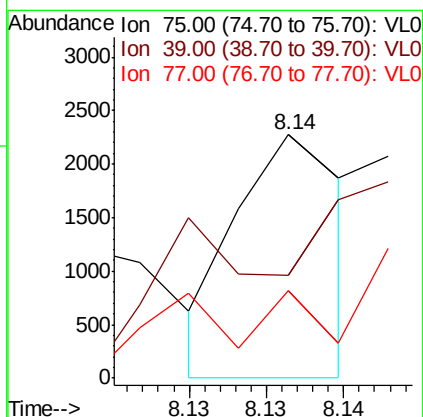
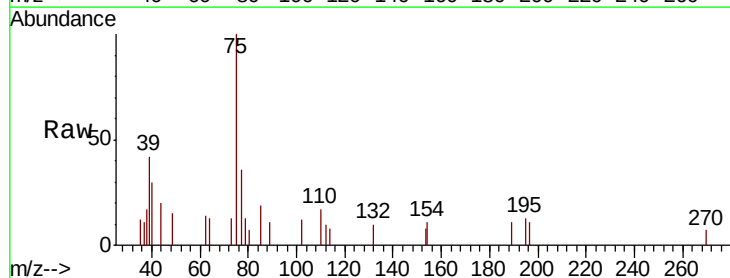
#45
t-1,3-Dichloropropene
Concen: 0.011 ppbv
RT: 8.72 Instrument: MSVOA_1
Delta R.T.: ClientSampleId:
Lab File: VSTDIC0.1
Acq: 17 Aug 2022 8:13

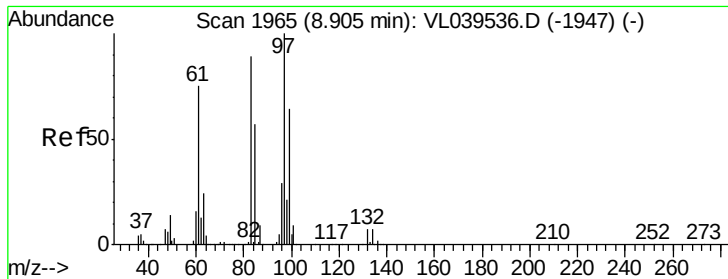
Tot Ion: 75 Resp: 779
Ion Ratio Lower Upper
75 100
77 36.1 26.2 39.2



#46
cis-1,3-Dichloropropene
Concen: 0.011 ppbv
RT: 8.14 min Scan# 1726
Delta R.T. -0.01 min
Lab File: VL039540.D
Acq: 17 Aug 2022 6:13

Tgt Ion: 75 Resp: 1105
Ion Ratio Lower Upper
75 100
39 0.0 52.8 79.2#
77 29.6 25.3 37.9





#47

1,1,2-Trichloroethane

Concen: 0.046 ppbv

RT: 8.90 Instrument:

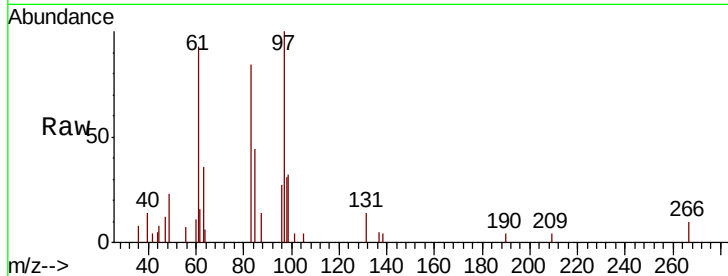
Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 17 Aug 2022 8:13

Tot Ion: 97 Resp: 4226

Ion	Ratio	Lower	Upper
97	100		
83	56.2	70.8	106.2#
85	34.7	45.4	68.2#
99	23.4	51.5	77.3#

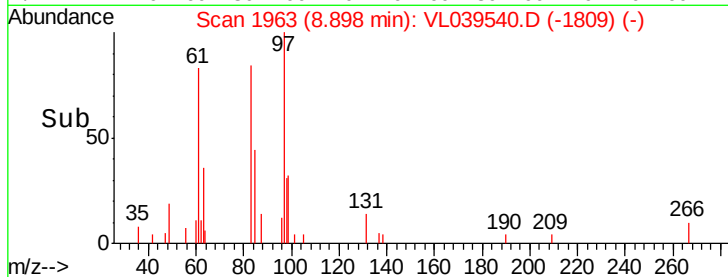
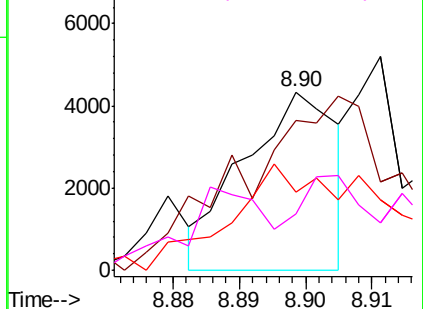


Abundance Ion 97.00 (96.70 to 97.70): VL0

Ion 83.00 (82.70 to 83.70): VL0

Ion 85.00 (84.70 to 85.70): VL0

Ion 99.00 (98.70 to 99.70): VL0



#48

Dibromochloromethane

Concen: 0.025 ppbv

RT: 9.71 min Scan# 2216

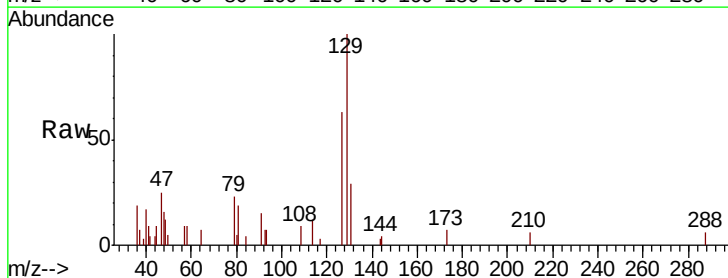
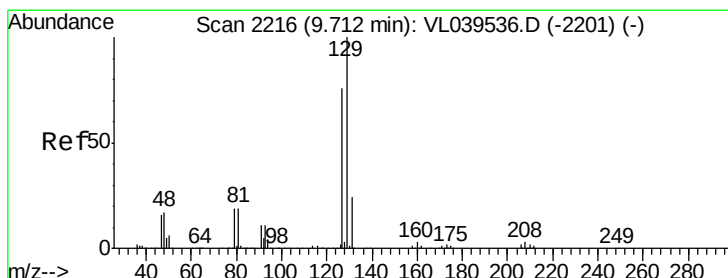
Delta R.T. 0.00 min

Lab File: VL039540.D

Acq: 17 Aug 2022 6:13

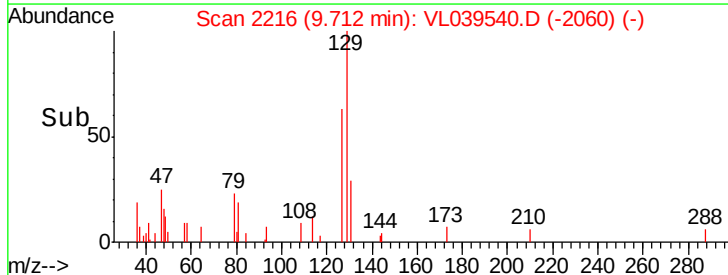
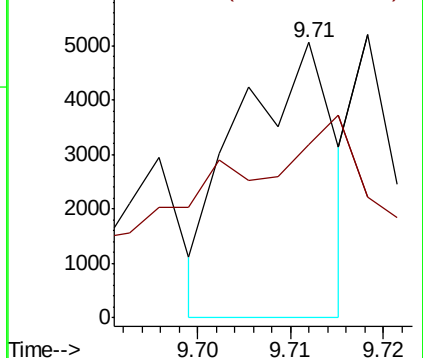
Tgt Ion: 129 Resp: 3666

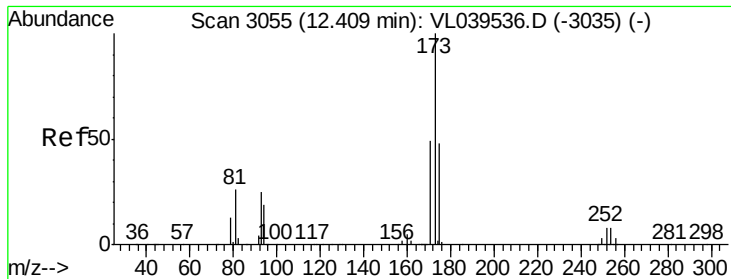
Ion	Ratio	Lower	Upper
129	100		
127	0.0	38.8	116.3#



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V





#49

Bromoform

Concen: 0.028 ppbv

RT: 12.40 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

VSTDIC0.1

Acq: 17 Aug 2022 0:13

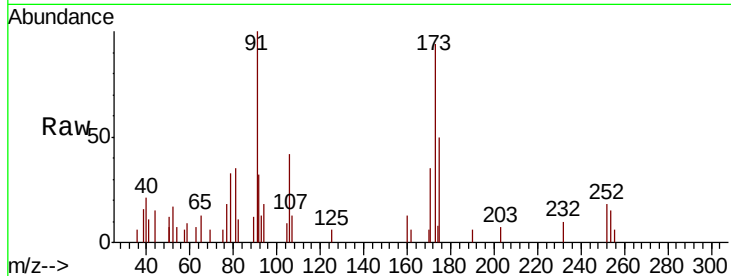
Tot Ion:173 Resp: 3327

Ion Ratio Lower Upper

173 100

175 0.0 0.0 0.0

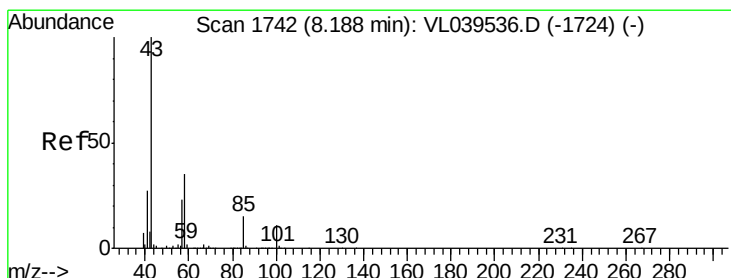
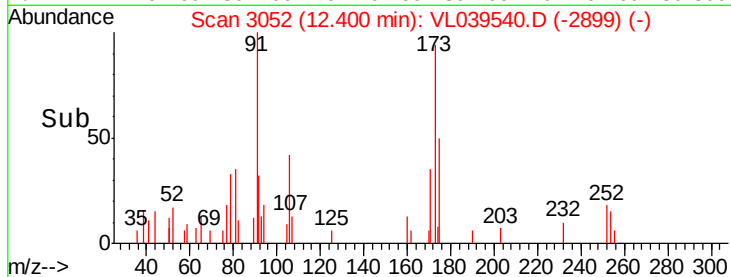
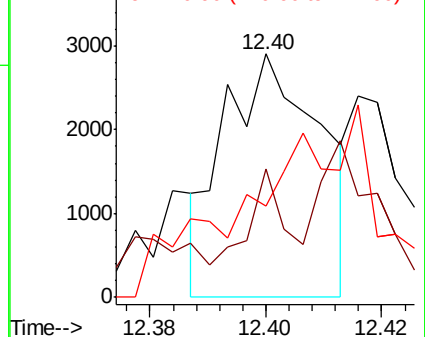
171 0.0 0.0 0.0



Abundance Ion 172.90 (172.60 to 173.60): V

Ion 174.90 (174.60 to 175.60): V

Ion 170.90 (170.60 to 171.60): V



#50

4-Methyl-2-Pentanone

Concen: 0.004 ppbv

RT: 8.19 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VL039540.D

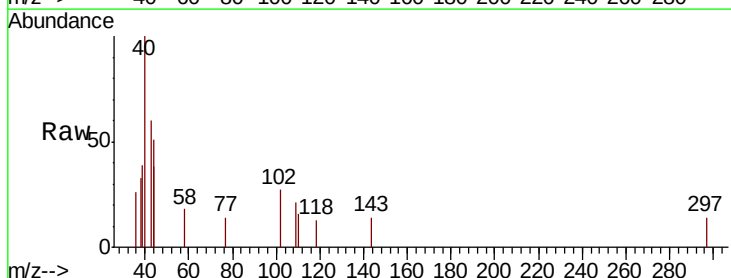
Acq: 17 Aug 2022 6:13

Tgt Ion: 43 Resp: 834

Ion Ratio Lower Upper

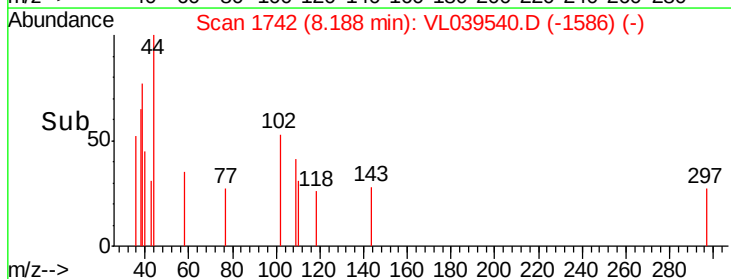
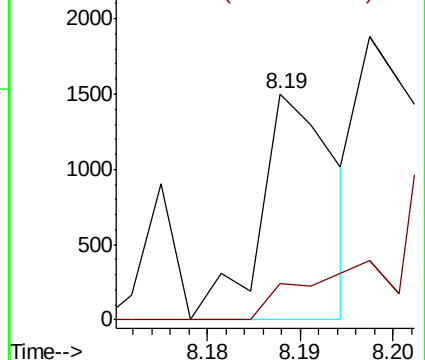
43 100

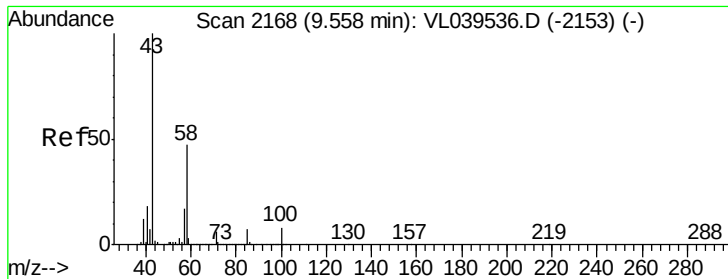
58 0.0 28.0 42.0#



Abundance Ion 43.10 (42.80 to 43.80): VL0

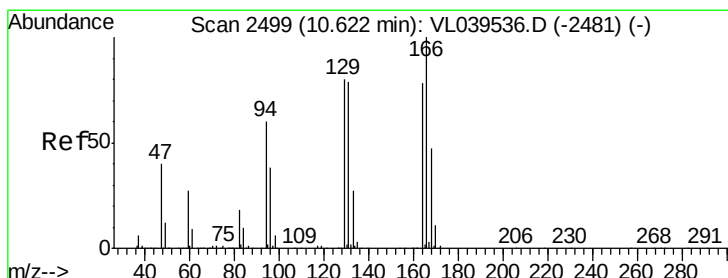
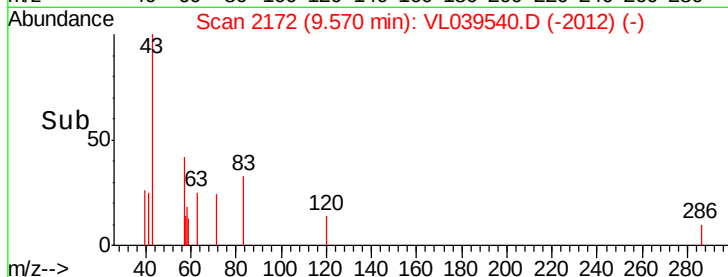
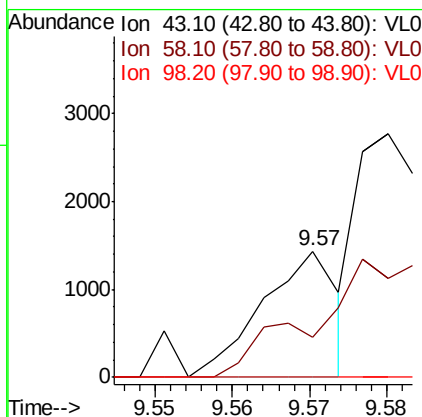
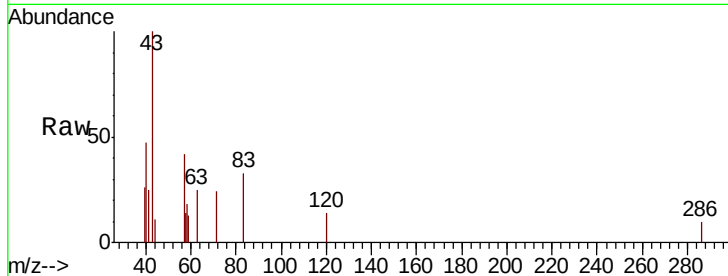
Ion 58.10 (57.80 to 58.80): VL0





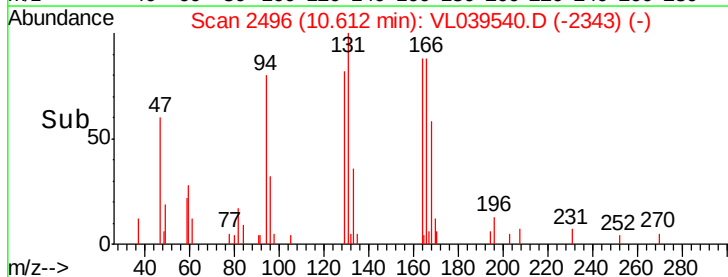
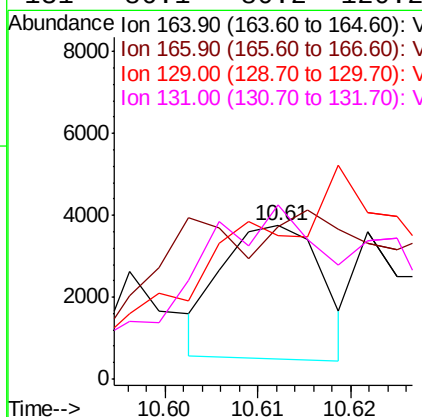
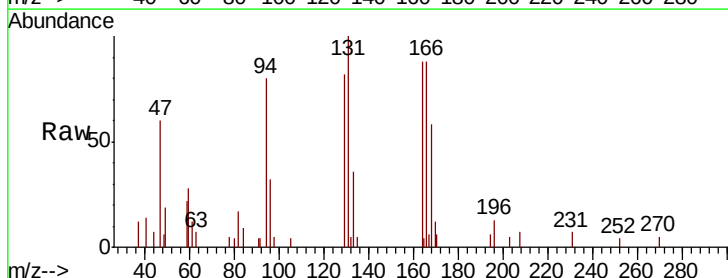
#51
2-Hexanone
Concen: 0.006 ppbv
RT: 9.57
Delta R.T. MSVOA_L
Lab File: ClientSampleId:
Acq: 17 Aug 2022 0.13

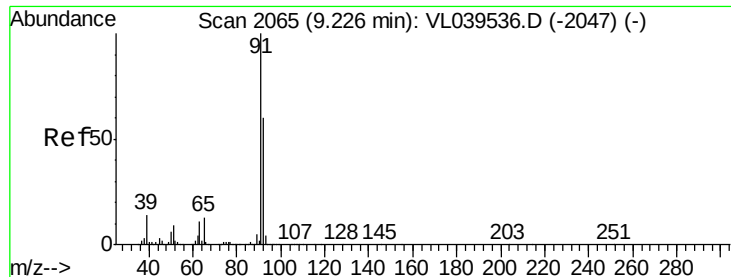
Tot Ion: 43 Resp: 975
Ion Ratio Lower Upper
43 100
58 0.0 37.5 56.3#
98 0.0 0.5 0.7#



#52
Tetrachloroethene
Concen: 0.027 ppbv
RT: 10.61 min Scan# 2496
Delta R.T. -0.01 min
Lab File: VL039540.D
Acq: 17 Aug 2022 6:13

Tgt Ion: 164 Resp: 2418
Ion Ratio Lower Upper
164 100
166 3.5 102.0 153.0#
129 74.7 81.7 122.5#
131 86.1 80.2 120.2





#53

Toluene

Concen: 0.041 ppbv

RT: 9.22 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

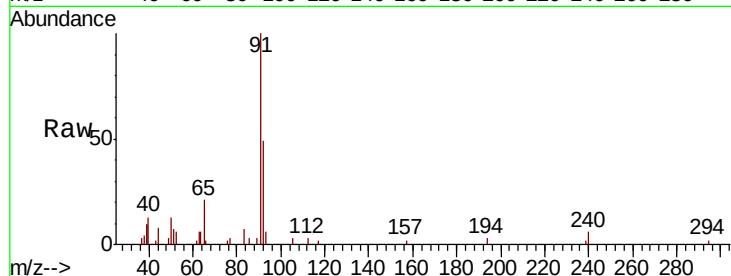
Acq: 17 Aug 2022 VSTDIC0.1

Tot Ion: 91 Resp: 10224

Ion Ratio Lower Upper

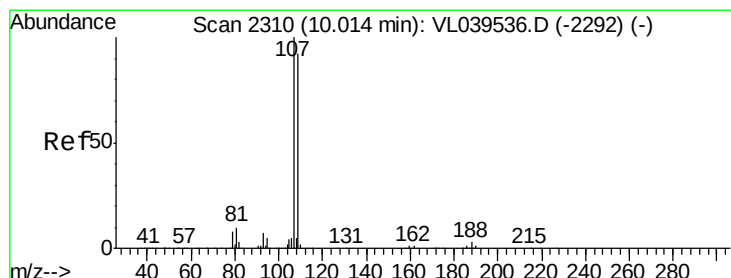
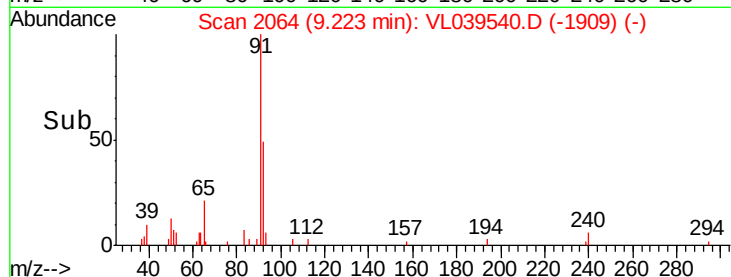
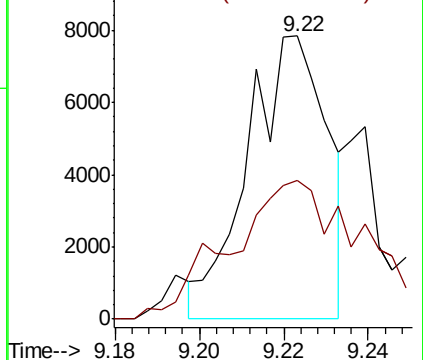
91 100

92 85.5 47.9 71.9#



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 92.10 (91.80 to 92.80): VL0



#54

1,2-Dibromoethane

Concen: 0.019 ppbv

RT: 10.01 min Scan# 2308

Delta R.T. -0.01 min

Lab File: VL039540.D

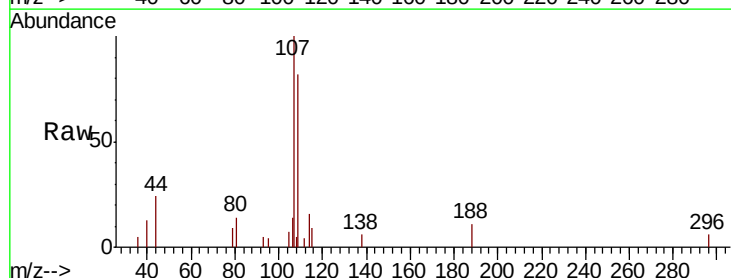
Acq: 17 Aug 2022 6:13

Tgt Ion: 107 Resp: 2094

Ion Ratio Lower Upper

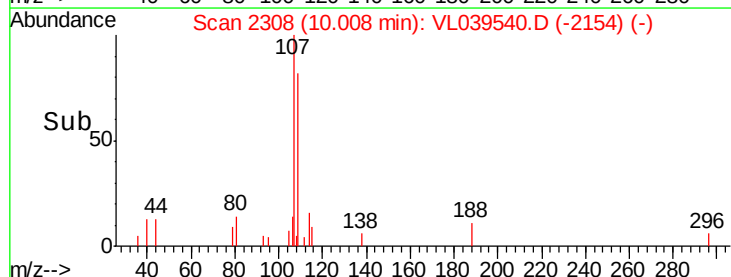
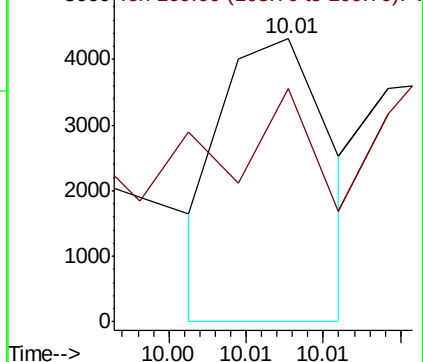
107 100

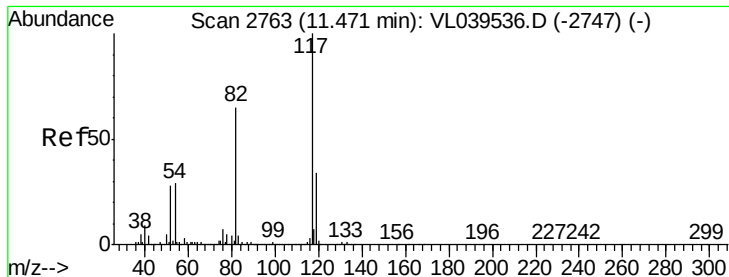
109 69.8 73.4 110.2#



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

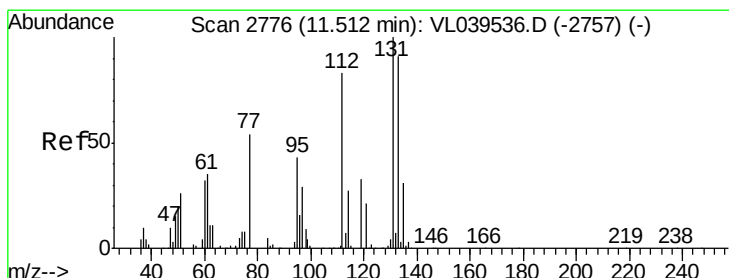
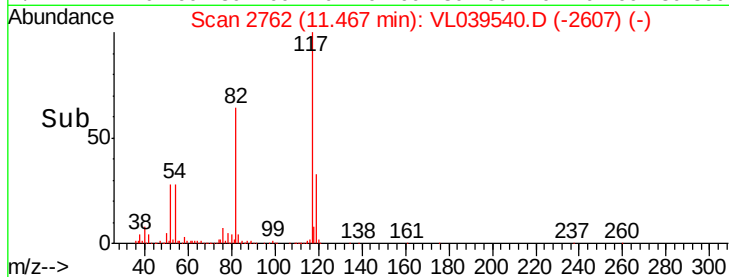
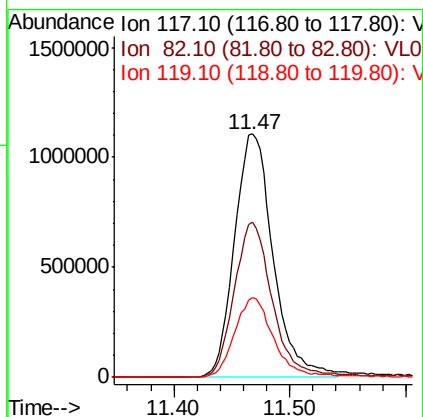
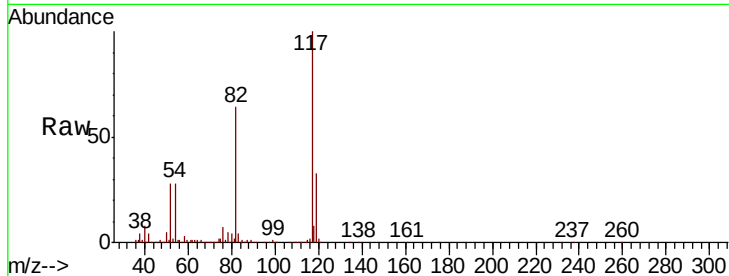




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.47 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 17 Aug 2022 8:13

Tot Ion:117 Resp: 2559652

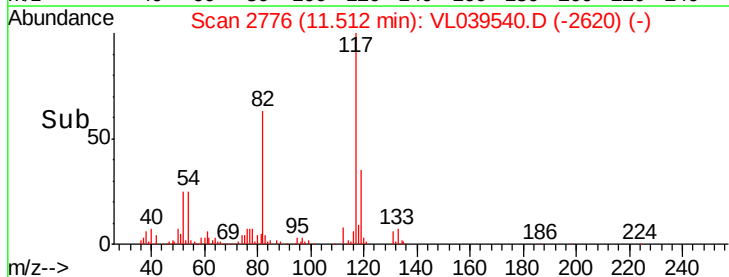
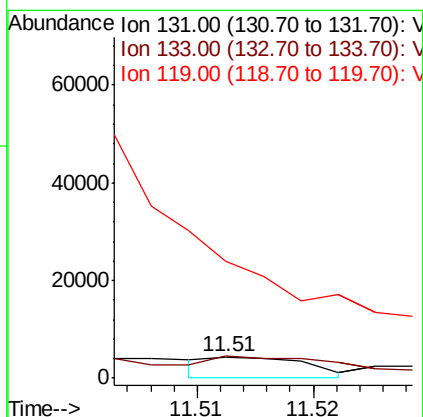
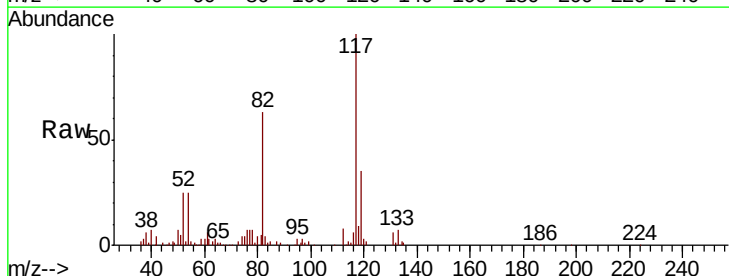
Ion	Ratio	Lower	Upper
117	100		
82	64.3	49.1	73.7
119	33.9	25.9	38.9

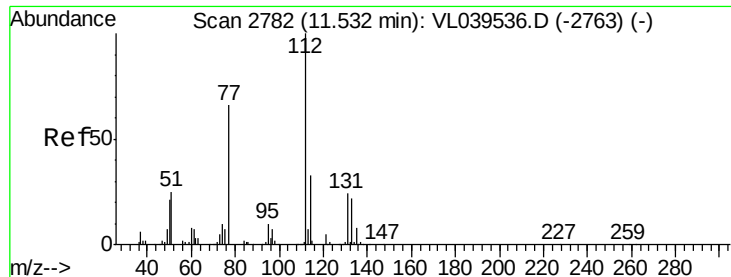


#56
1,1,1,2-Tetrachloroethane
Concen: 0.022 ppbv
RT: 11.51 min Scan# 2776
Delta R.T.: 0.00 min
Lab File: VL039540.D
Acq: 17 Aug 2022 6:13

Tgt Ion:131 Resp: 2490

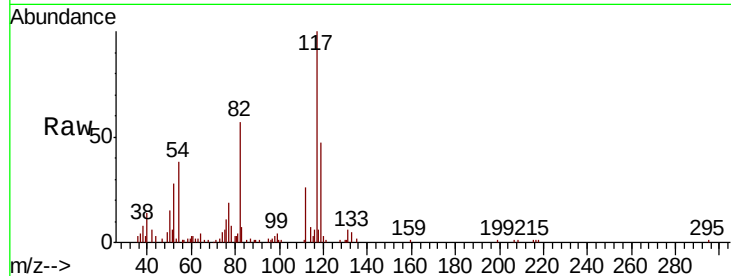
Ion	Ratio	Lower	Upper
131	100		
133	382.4	75.4	113.2#
119	0.0	47.4	71.2#



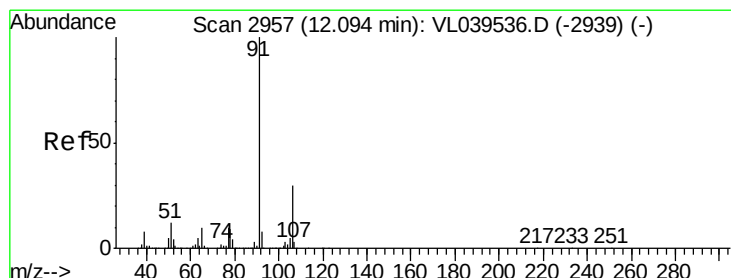
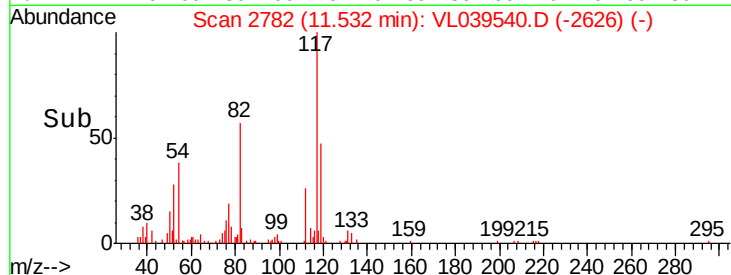
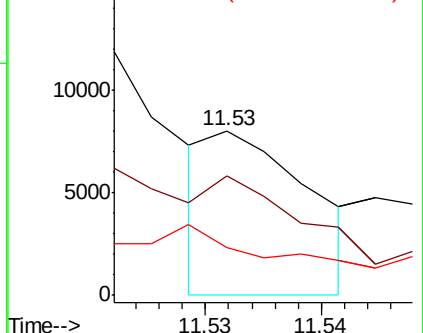


#57
Chlorobenzene
Concen: 0.025 ppbv
RT: 11.53
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 17 Aug 2022 6:13

Tot Ion: 112 Resp: 4786
Ion Ratio Lower Upper
112 100
77 66.7 53.4 80.0
114 17.6 29.5 36.1#

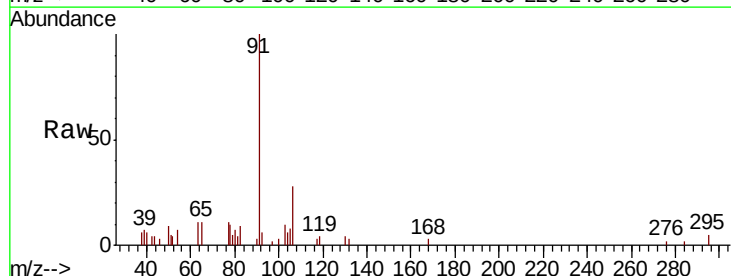


Abundance Ion 112.10 (111.80 to 112.80): V
Ion 77.10 (76.80 to 77.80): VL0
Ion 114.10 (113.80 to 114.80): V

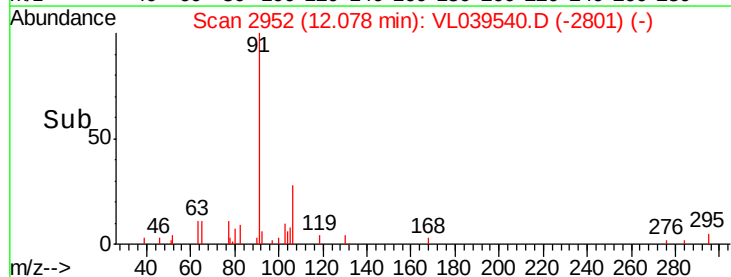
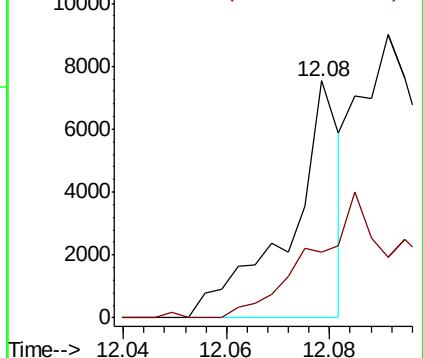


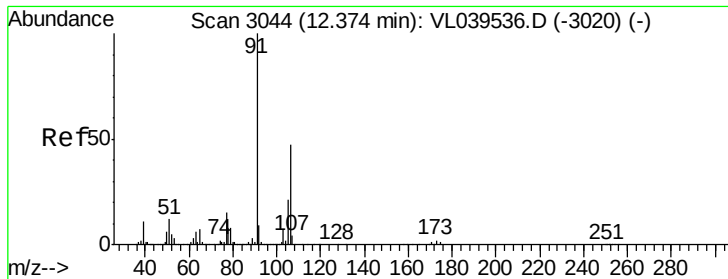
#58
Ethyl Benzene
Concen: 0.016 ppbv
RT: 12.08 min Scan# 2952
Delta R.T. -0.02 min
Lab File: VL039540.D
Acq: 17 Aug 2022 6:13

Tgt Ion: 91 Resp: 5115
Ion Ratio Lower Upper
91 100
106 27.6 24.2 36.4



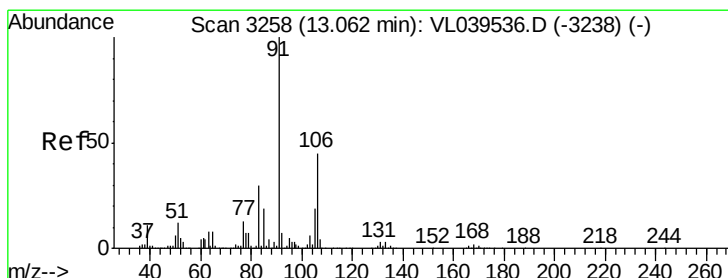
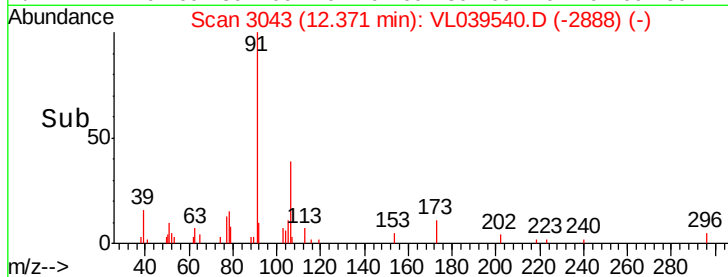
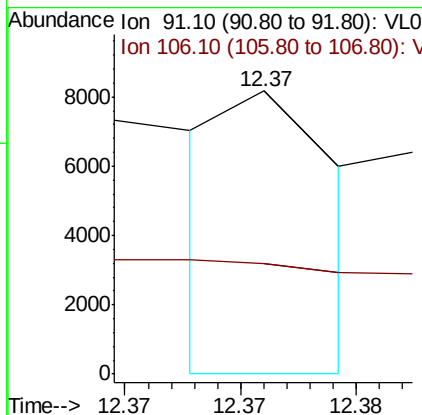
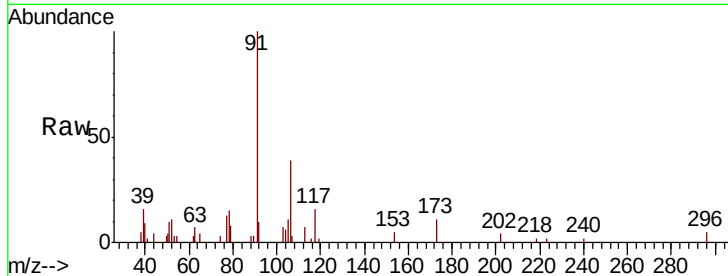
Abundance Ion 91.10 (90.80 to 91.80): VL0
Ion 106.10 (105.80 to 106.80): V





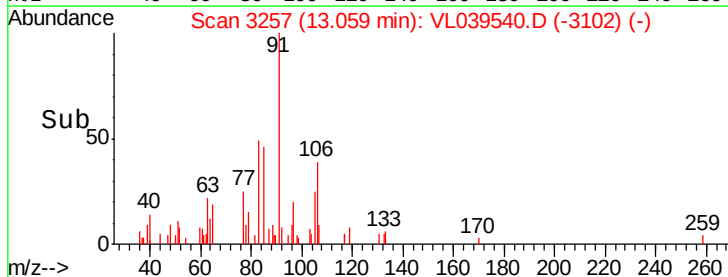
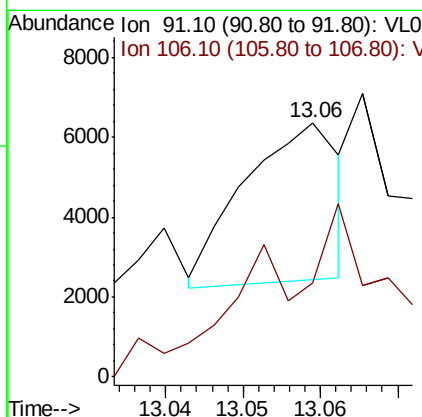
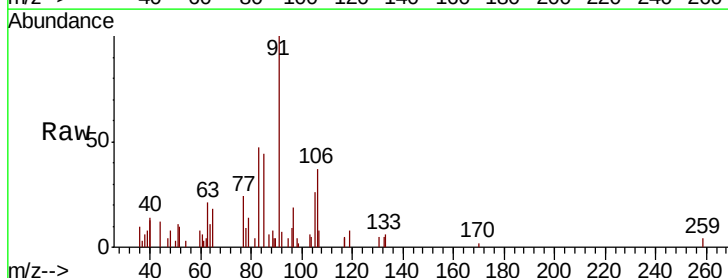
#59
m/p-Xylene
Concen: 0.010 ppbv
RT: 12.37 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 17 Aug 2022 0:13

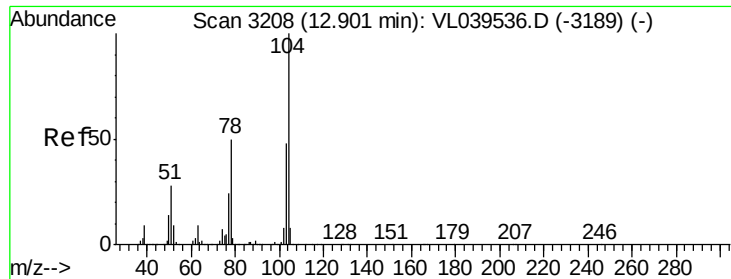
Tot Ion: 91 Resp: 2733
Ion Ratio Lower Upper
91 100
106 0.0 0.0 0.0



#60
o-Xylene
Concen: 0.013 ppbv
RT: 13.06 min Scan# 3257
Delta R.T. -0.00 min
Lab File: VL039540.D
Acq: 17 Aug 2022 6:13

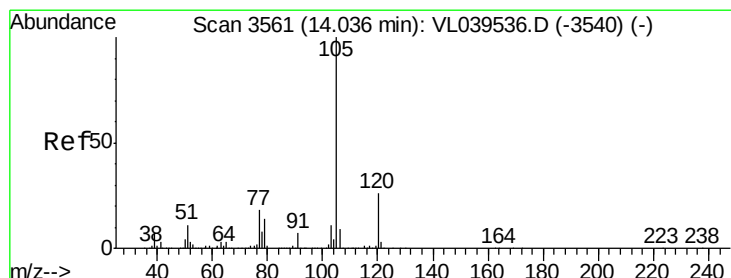
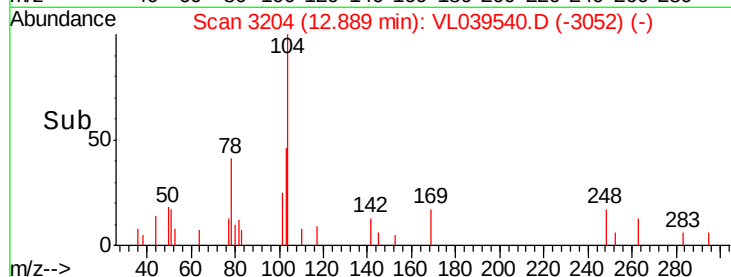
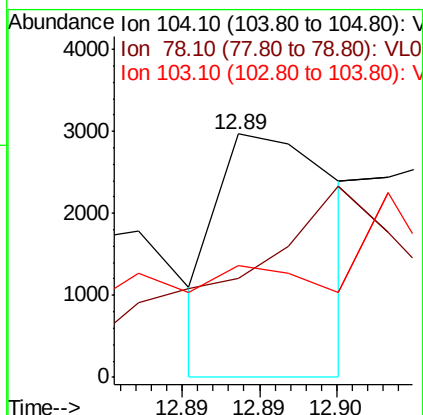
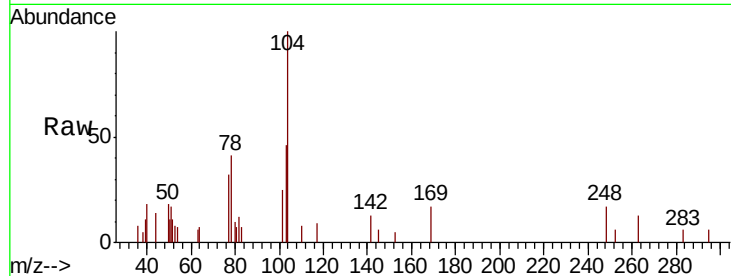
Tgt Ion: 91 Resp: 3378
Ion Ratio Lower Upper
91 100
106 0.0 22.7 68.0#





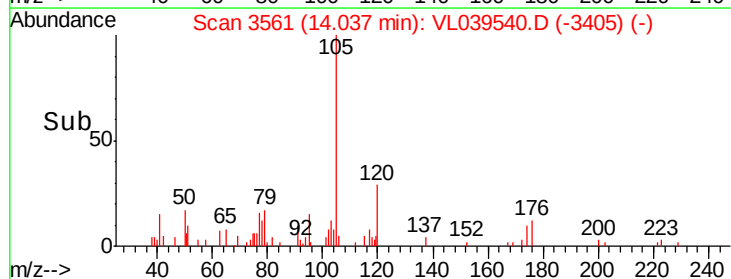
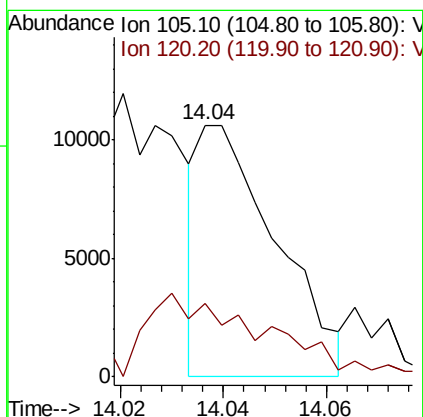
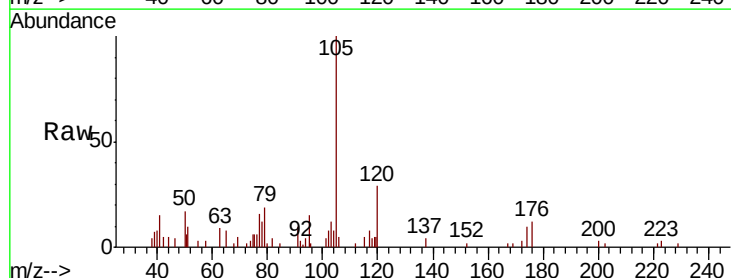
#61
Stvrene
Concen: 0.011 ppbv
RT: 12.89 min
Instrument: MSVOA_1
Delta R.T.: 0.15 min
Lab File: VSTDIC01
Acq: 17 Aug 2022 6:13

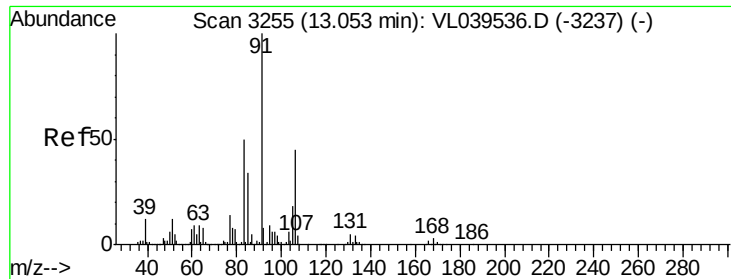
Tot Ion: 104 Resp: 1581
Ion Ratio Lower Upper
104 100
78 240.9 40.0 60.0#
103 0.0 38.2 57.2#



#62
Isopropylbenzene
Concen: 0.027 ppbv
RT: 14.04 min Scan# 3561
Delta R.T.: 0.00 min
Lab File: VL039540.D
Acq: 17 Aug 2022 6:13

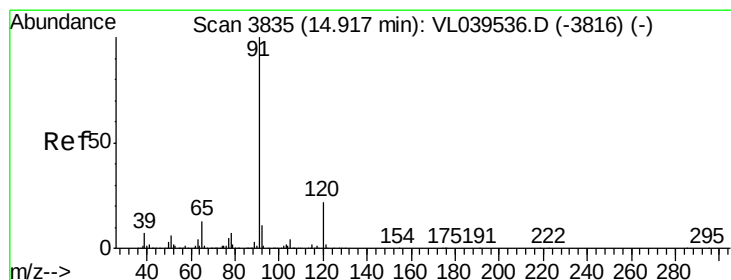
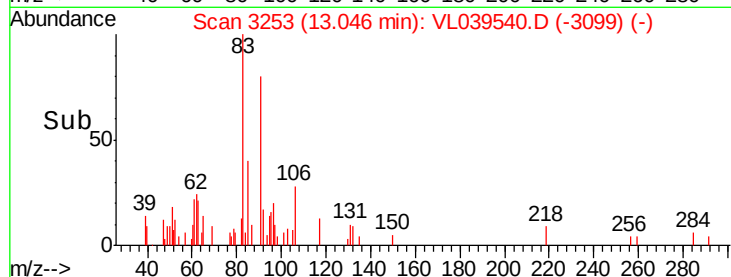
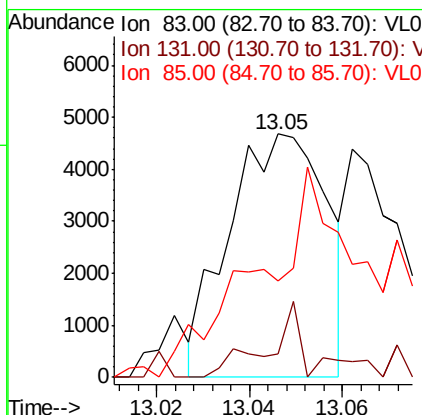
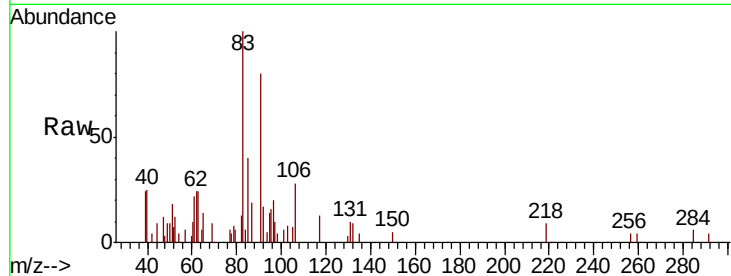
Tgt Ion: 105 Resp: 10991
Ion Ratio Lower Upper
105 100
120 0.0 20.6 30.8#





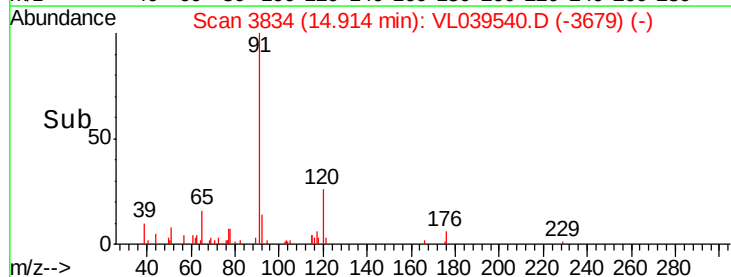
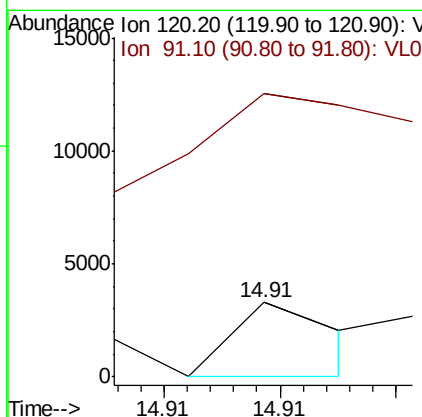
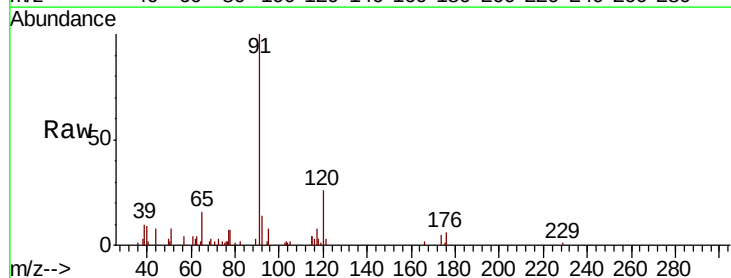
#63
 1,1,2,2-Tetrachloroethane
 Concen: 0.049 ppbv
 RT: 13.05 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VSTDIC0.1
 Acq: 17 Aug 2022 6:13

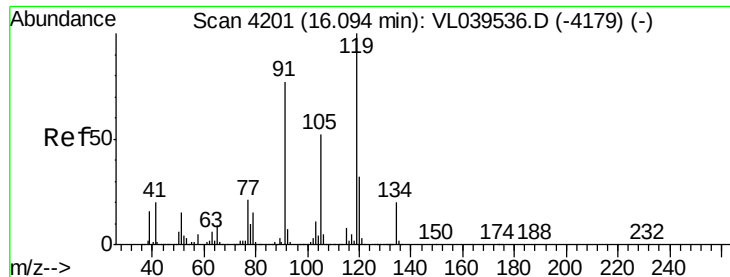
Tot Ion: 83 Resp: 6852
 Ion Ratio Lower Upper
 83 100
 131 16.8 4.9 14.7#
 85 114.9 33.2 99.6#



#64
 n-propylbenzene
 Concen: 0.010 ppbv
 RT: 14.91 min Scan# 3834
 Delta R.T. -0.00 min
 Lab File: VL039540.D
 Acq: 17 Aug 2022 6:13

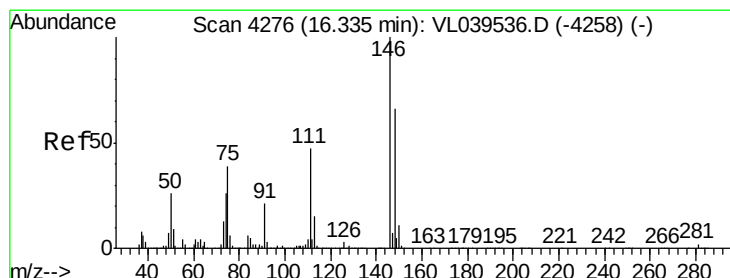
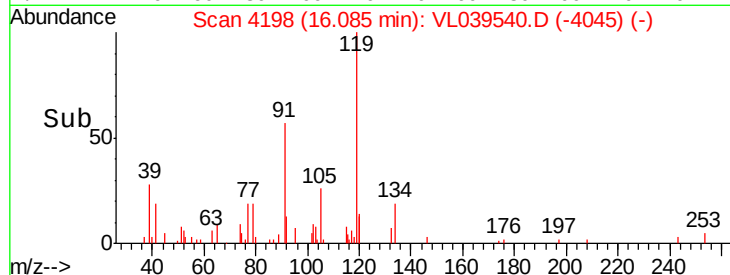
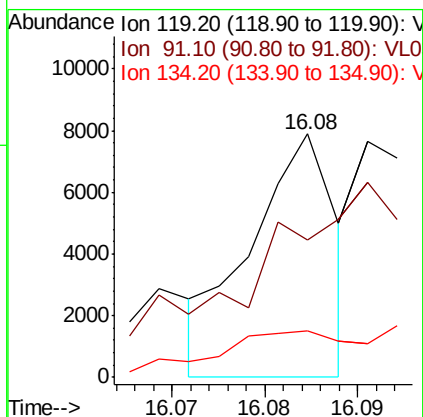
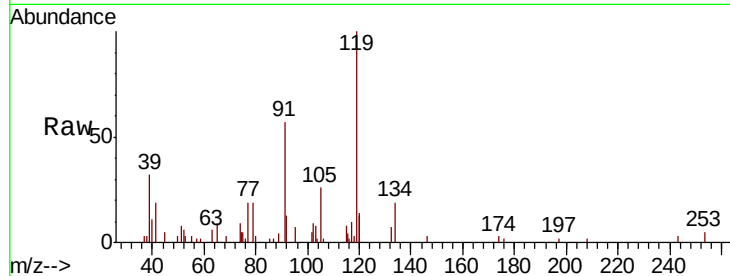
Tgt Ion: 120 Resp: 1035
 Ion Ratio Lower Upper
 120 100
 91 0.0 372.6 559.0#





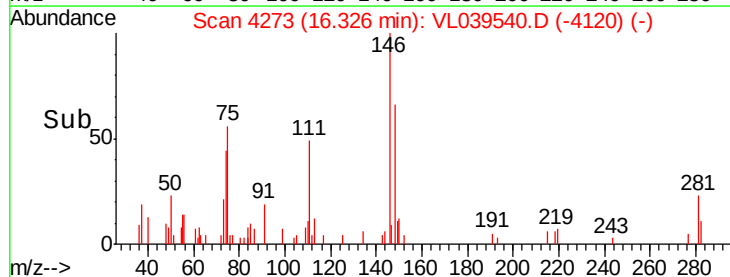
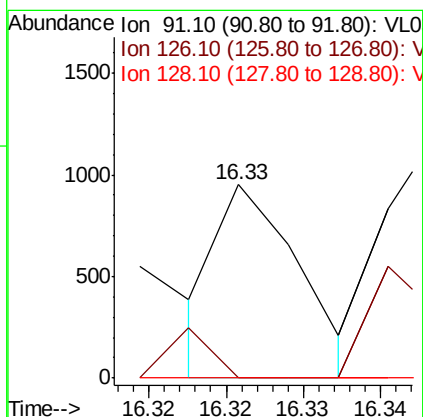
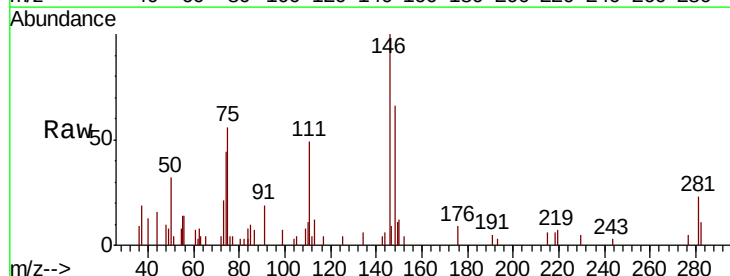
#65
 tert-Butylbenzene
 Concen: 0.013 ppbv
 RT: 16.08
 Instrument: MSVOA_1
 Delta R.T.:
 Client Sample Id:
 Lab File: VSTDIC001
 Acq: 17 Aug 2022 6:13

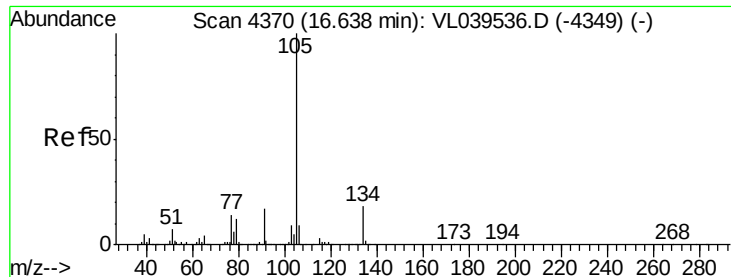
Tot Ion: 119 Resp: 5023
 Ion Ratio Lower Upper
 119 100
 91 323.5 63.8 95.8#
 134 0.0 15.4 23.2#



#66
 Benzyl Chloride
 Concen: 0.010 ppbv
 RT: 16.33 min Scan# 4273
 Delta R.T.: -0.01 min
 Lab File: VL039540.D
 Acq: 17 Aug 2022 6:13

Tgt Ion: 91 Resp: 350
 Ion Ratio Lower Upper
 91 100
 126 0.0 0.0 0.0
 128 0.0 1.5 2.3#





#67

sec-Butylbenzene

Concen: 0.023 ppbv

RT: 16.63

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

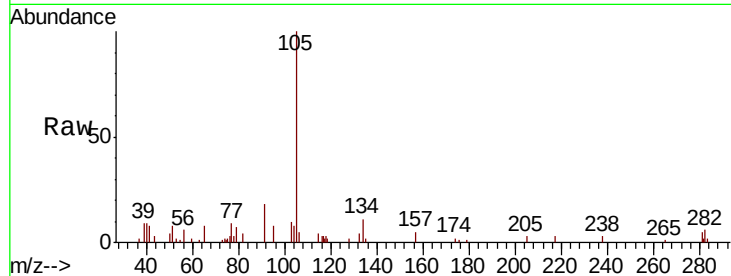
Acq: 17 Aug 2022 8:13

Tot Ion: 105 Resp: 11693

Ion Ratio Lower Upper

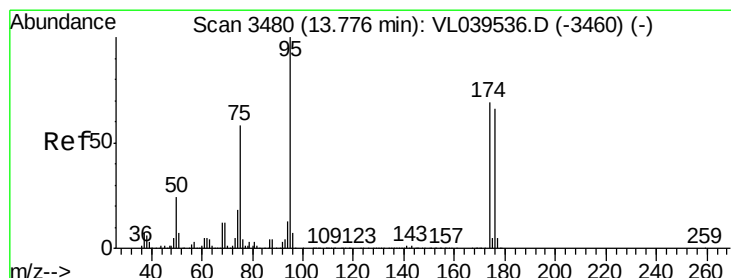
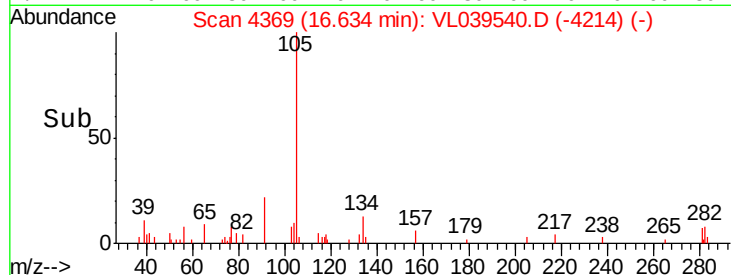
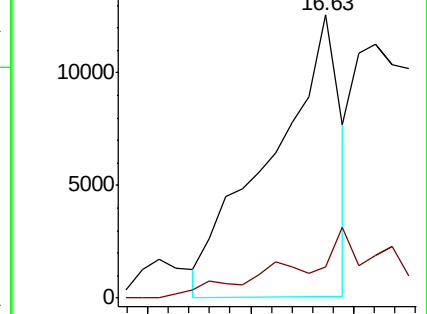
105 100

134 49.8 14.3 21.5#



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 134.20 (133.90 to 134.90): V



#68

1-Bromo-4-Fluorobenzene

Concen: 10.153 ppbv

RT: 13.78 min Scan# 3480

Delta R.T. 0.00 min

Lab File: VL039540.D

Acq: 17 Aug 2022 6:13

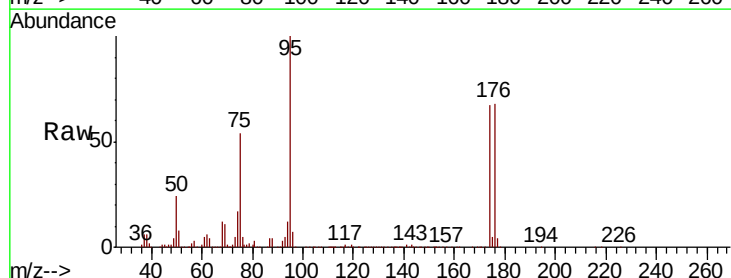
Tgt Ion: 95 Resp: 1929726

Ion Ratio Lower Upper

95 100

174 72.3 56.3 84.5

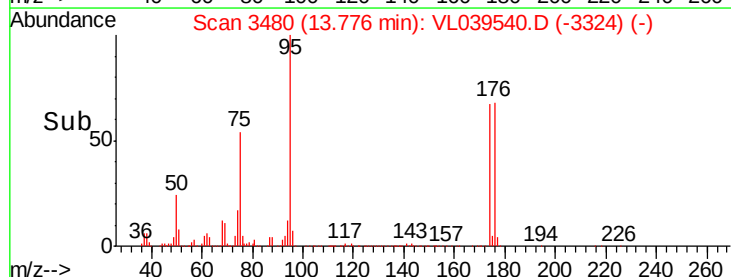
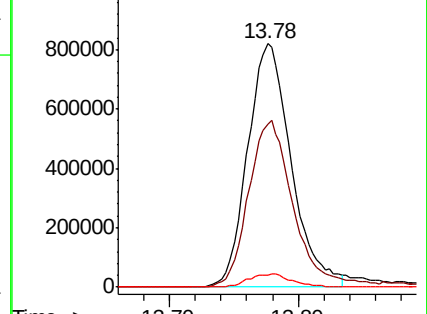
175 5.4 4.3 6.5

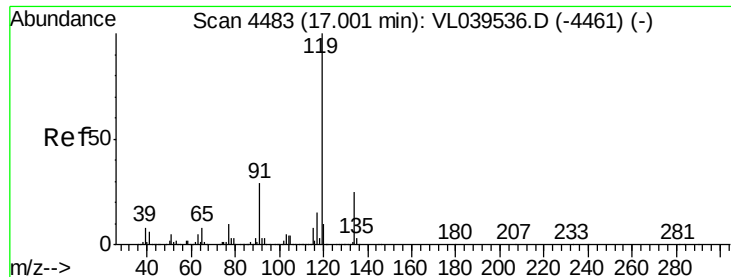


Abundance Ion 95.10 (94.80 to 95.80): VL0

Ion 174.00 (173.70 to 174.70): V

Ion 175.00 (174.70 to 175.70): V





#69

p-Isopropyltoluene

Concen: 0.023 ppbv

RT: 16.99 min

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

VSTDIC0.1

Acq: 17 Aug 2022 6:13

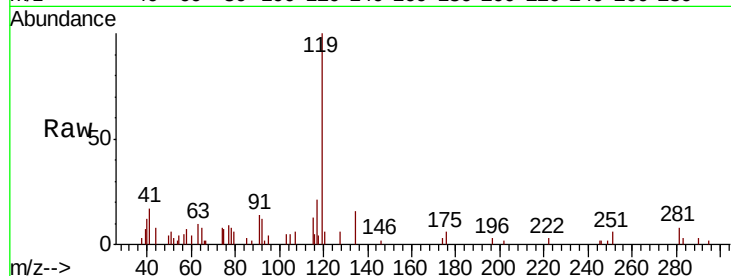
Tot Ion: 119 Resp: 9764

Ion Ratio Lower Upper

119 100

134 0.0 19.8 29.6#

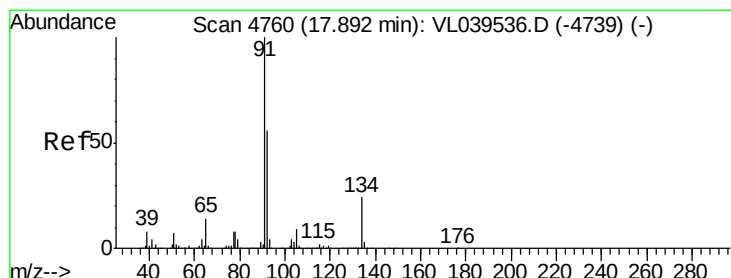
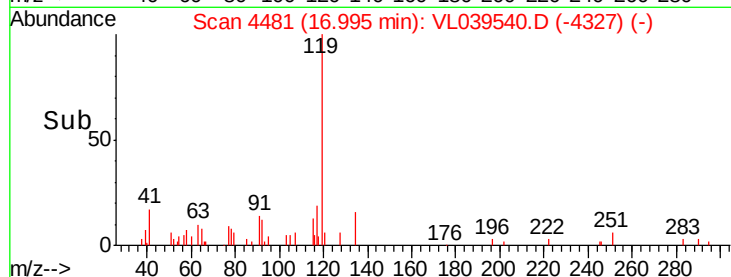
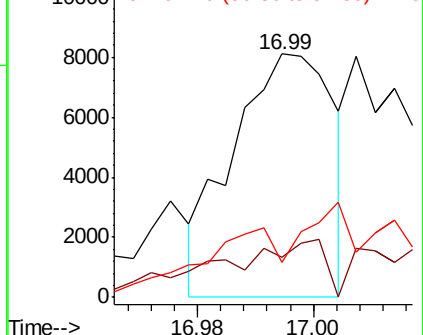
91 0.0 22.6 33.8#



Abundance Ion 119.10 (118.80 to 119.80): V

Ion 134.20 (133.90 to 134.90): V

Ion 91.10 (90.80 to 91.80): V



#70

n-Butylbenzene

Concen: 0.016 ppbv

RT: 17.89 min Scan# 4758

Delta R.T. -0.01 min

Lab File: VL039540.D

Acq: 17 Aug 2022 6:13

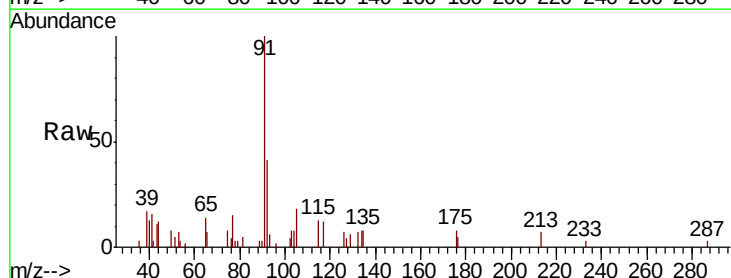
Tgt Ion: 91 Resp: 6829

Ion Ratio Lower Upper

91 100

92 0.0 43.0 64.6#

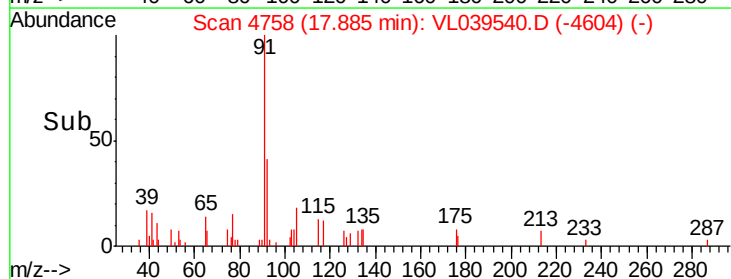
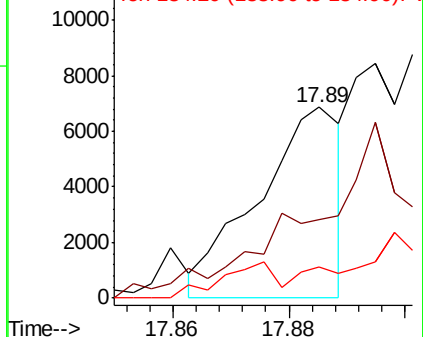
134 0.0 18.1 27.1#

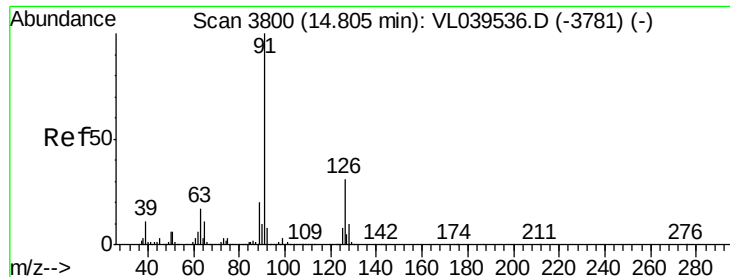


Abundance Ion 91.10 (90.80 to 91.80): V

Ion 92.10 (91.80 to 92.80): V

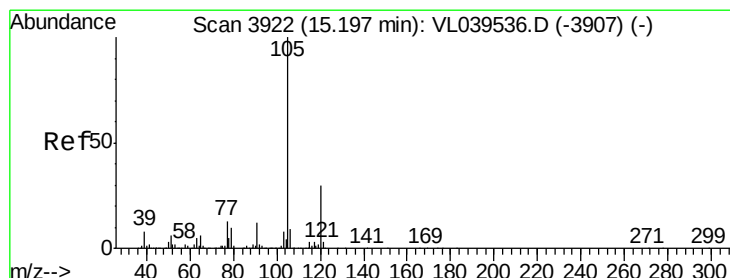
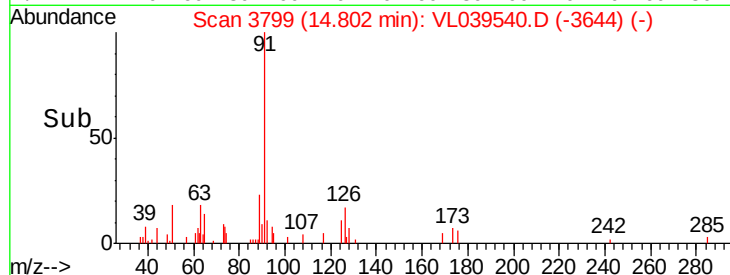
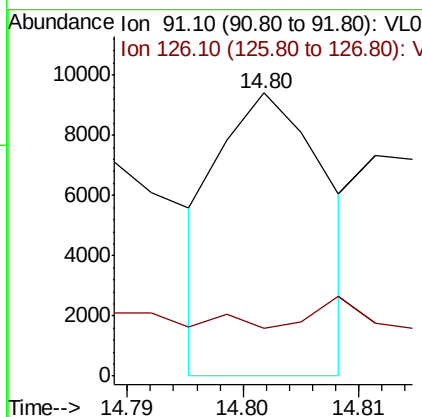
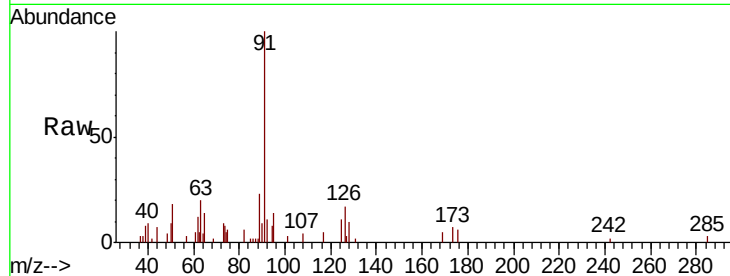
Ion 134.20 (133.90 to 134.90): V





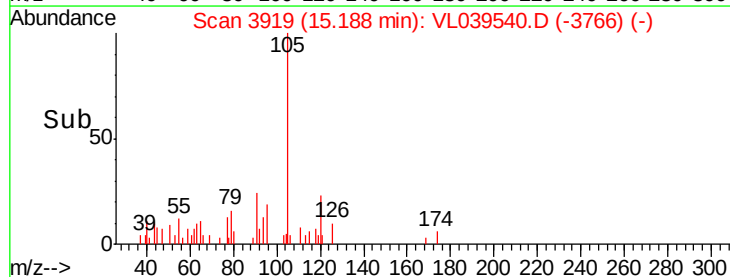
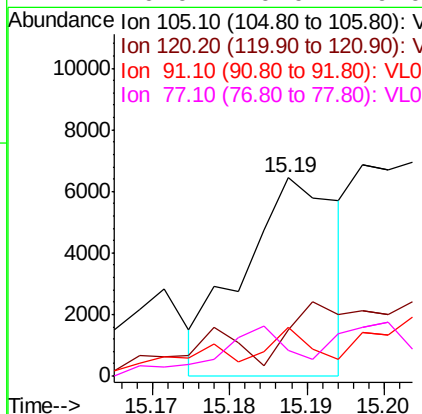
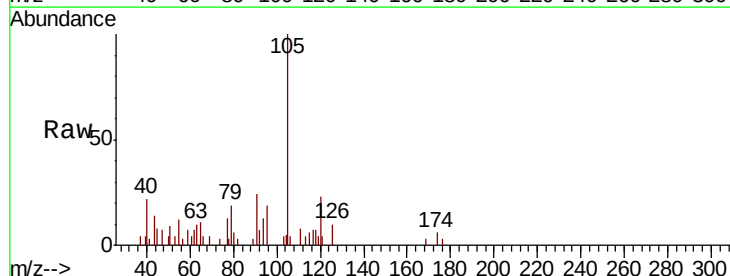
#71
 2-Chlorotoluene
 Concen: 0.021 ppbv
 RT: 14.80 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VSTDIC0.1
 Acq: 17 Aug 2022 6:13

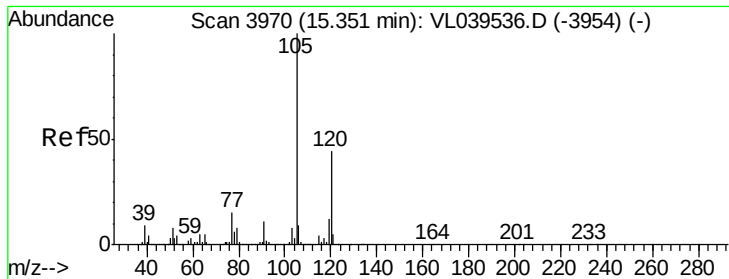
Tot Ion: 91 Resp: 6058
 Ion Ratio Lower Upper
 91 100
 126 0.0 12.9 51.5#



#72
 4-Ethyltoluene
 Concen: 0.017 ppbv
 RT: 15.19 min Scan# 3919
 Delta R.T. -0.01 min
 Lab File: VL039540.D
 Acq: 17 Aug 2022 6:13

Tgt Ion: 105 Resp: 5478
 Ion Ratio Lower Upper
 105 100
 120 0.0 0.0 0.0
 91 0.0 0.0 0.0
 77 0.0 0.0 0.0





#73

1,3,5-Trimethylbenzene

Concen: 0.014 ppbv

RT: 15.35 Instrument: MSVOA_1

Delta R.T. -0.00 min

Lab File: ClientSampleId: VSTDIC0.1

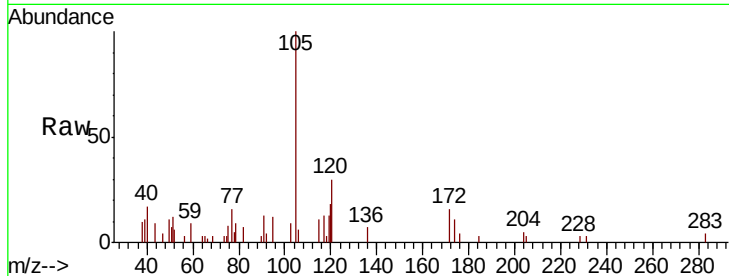
Acq: 17 Aug 2022 6:13

Tot Ion:105 Resp: 3970

Ion Ratio Lower Upper

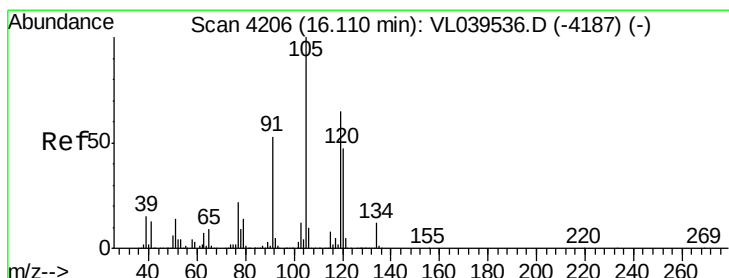
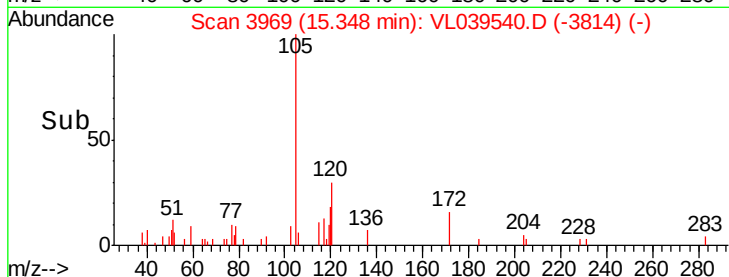
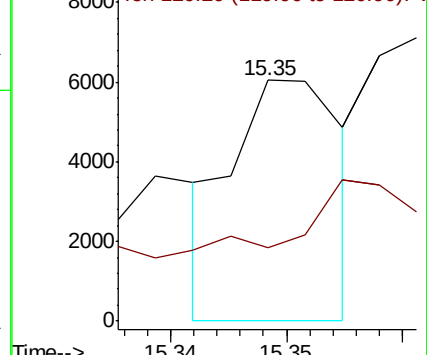
105 100

120 2.6 35.4 53.2#



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V



#74

1,2,4-Trimethylbenzene

Concen: 0.023 ppbv

RT: 16.11 min Scan# 4205

Delta R.T. -0.00 min

Lab File: VL039540.D

Acq: 17 Aug 2022 6:13

Tgt Ion:105 Resp: 7429

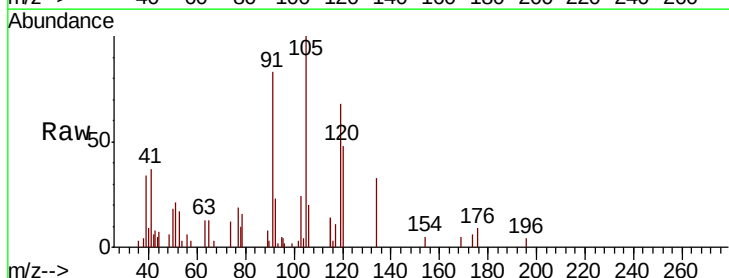
Ion Ratio Lower Upper

105 100

120 28.1 37.8 56.8#

91 28.5 43.8 65.6#

77 9.4 17.8 26.6#

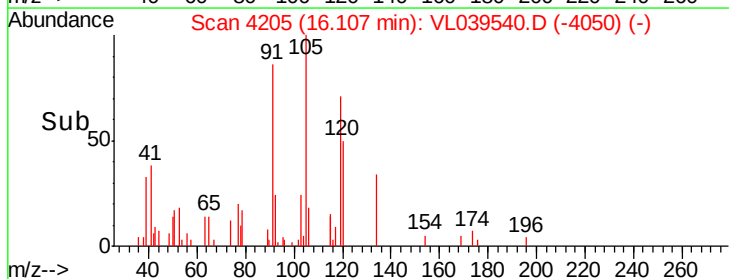
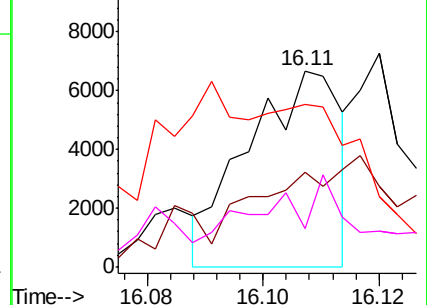


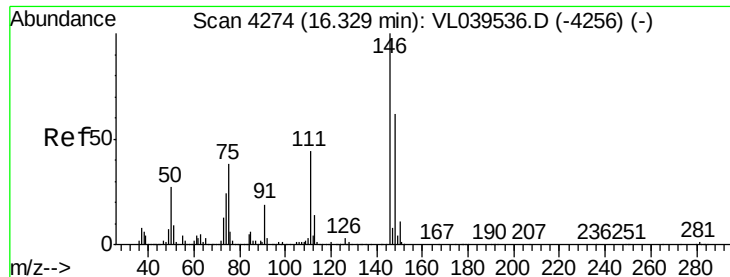
Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V

Ion 91.10 (90.80 to 91.80): VL0

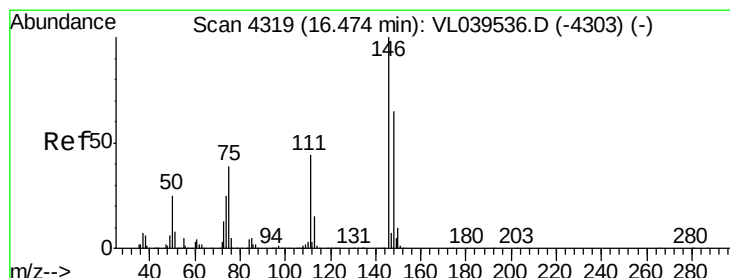
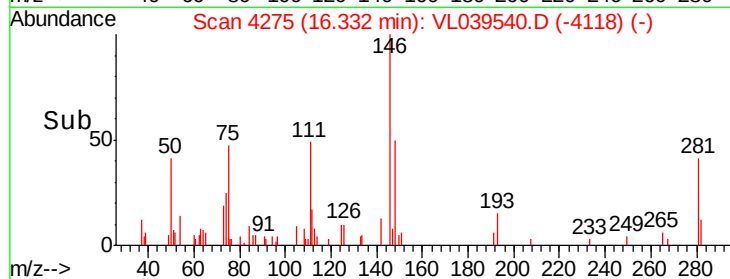
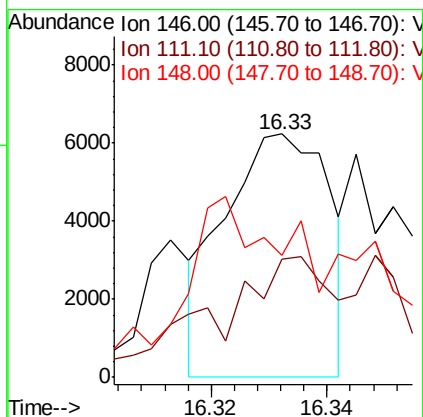
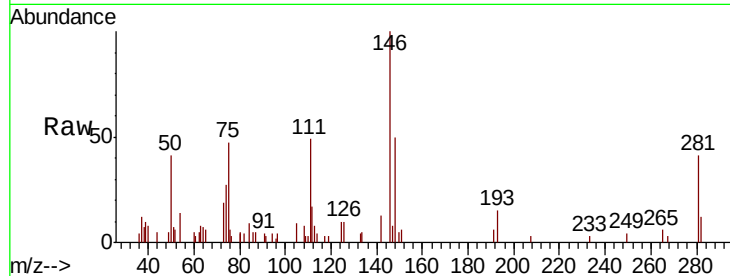
Ion 77.10 (76.80 to 77.80): VL0





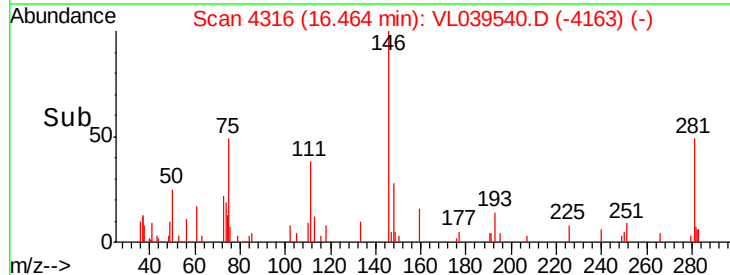
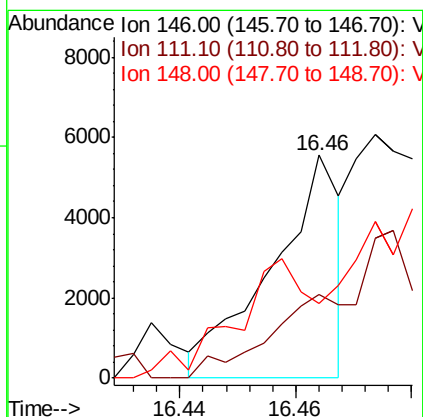
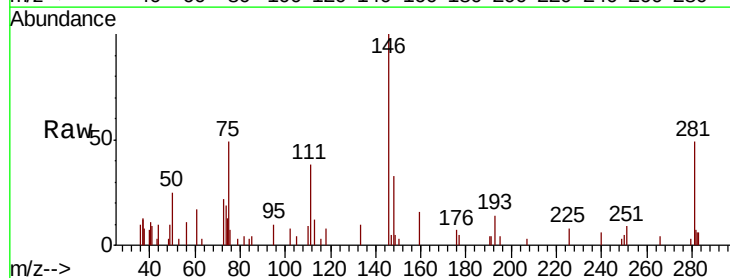
#75
 1,3-Dichlorobenzene
 Concen: 0.041 ppbv
 RT: 16.33
 Instrument: MSVOA_1
 Delta R.T.:
 Client Sample Id:
 Lab File: VSTDIC001
 Acq: 17 Aug 2022 6:13

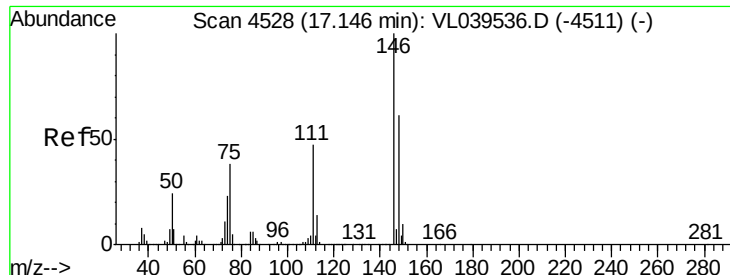
Tot Ion:146 Resp: 7857
 Ion Ratio Lower Upper
 146 100
 111 0.0 22.9 68.5#
 148 158.0 32.4 97.0#



#76
 1,4-Dichlorobenzene
 Concen: 0.024 ppbv
 RT: 16.46 min Scan# 4316
 Delta R.T. -0.01 min
 Lab File: VL039540.D
 Acq: 17 Aug 2022 6:13

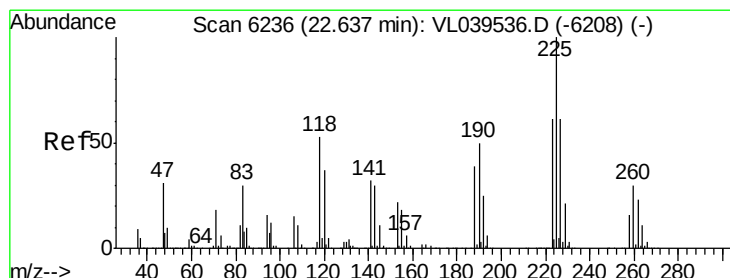
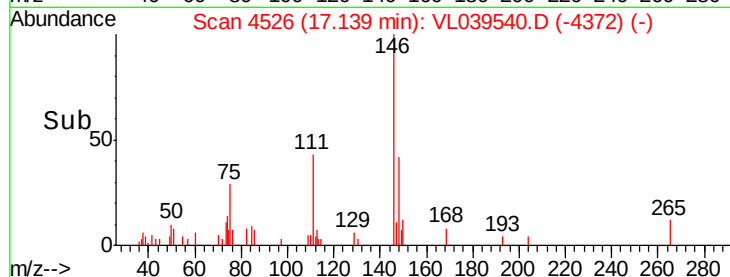
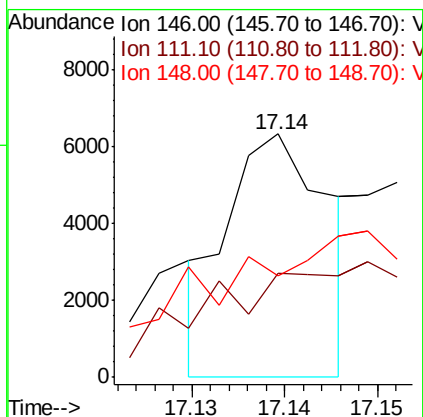
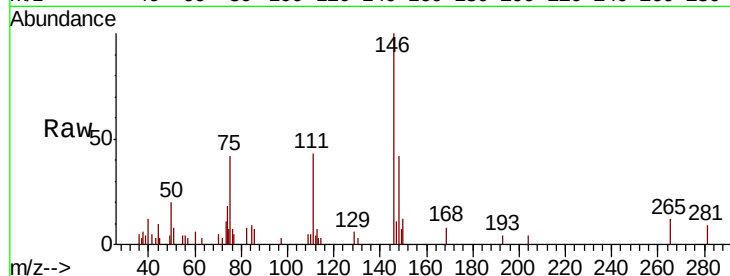
Tgt Ion:146 Resp: 4567
 Ion Ratio Lower Upper
 146 100
 111 0.0 22.3 66.8#
 148 0.0 31.5 94.5#





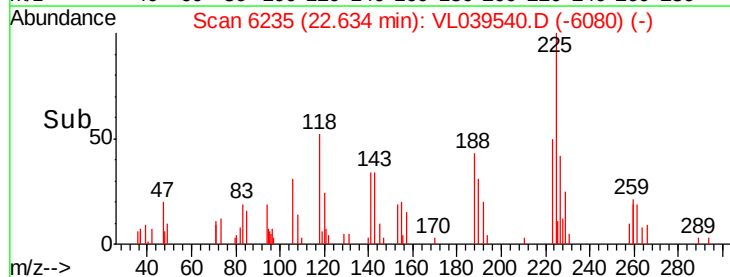
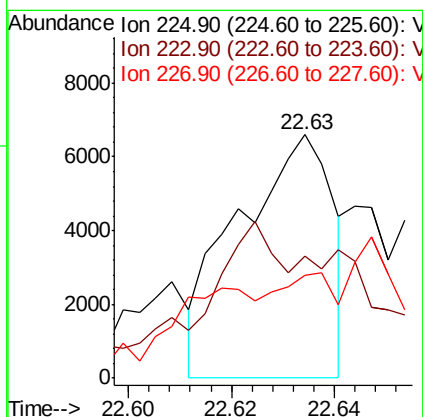
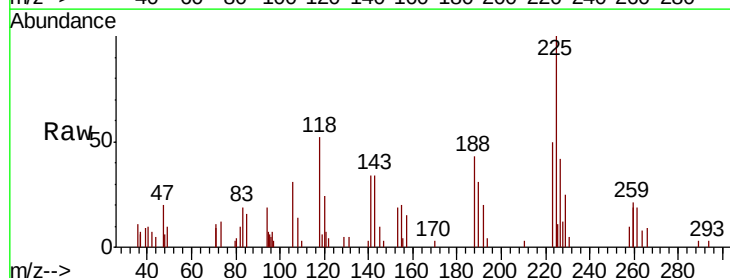
#77
 1,2-Dichlorobenzene
 Concen: 0.025 ppbv
 RT: 17.14 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId : VSTDIC0.1
 Acq: 17 Aug 2022 6:13

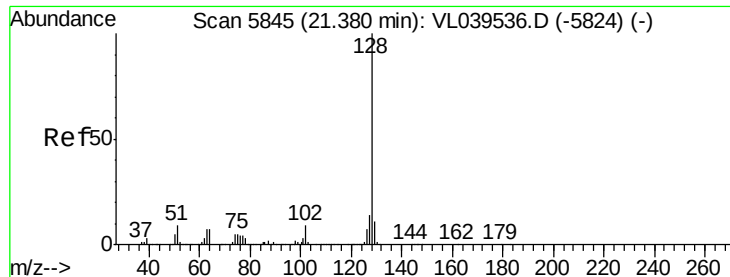
Tot Ion:146 Resp: 4798
 Ion Ratio Lower Upper
 146 100
 111 0.0 23.9 71.8#
 148 0.0 32.6 97.7#



#78
 Hexachloro-1,3-Butadiene
 Concen: 0.055 ppbv
 RT: 22.63 min Scan# 6235
 Delta R.T. -0.00 min
 Lab File: VL039540.D
 Acq: 17 Aug 2022 6:13

Tgt Ion:225 Resp: 8476
 Ion Ratio Lower Upper
 225 100
 223 124.0 0.0 0.0#
 227 0.0 0.0 0.0





#79

Naphthalene

Concen: 0.009 ppbv

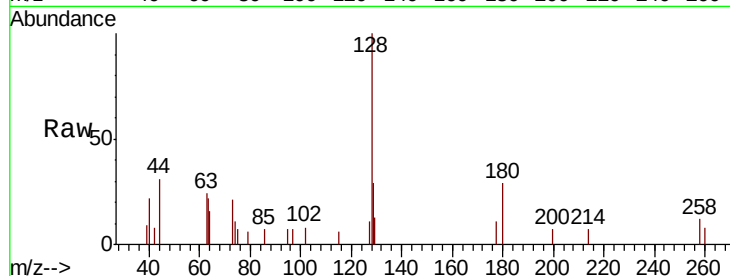
RT: 21.37 min

Delta R.T. MSVOA_L

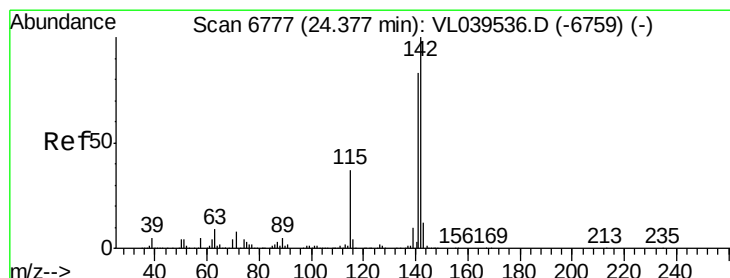
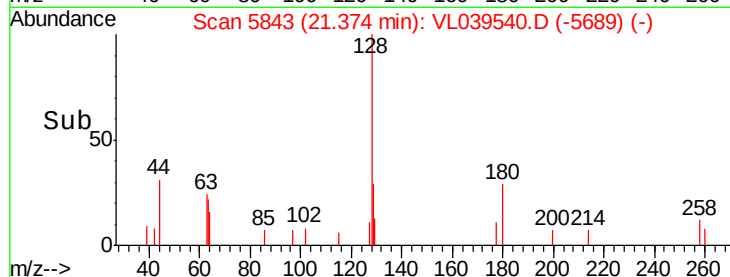
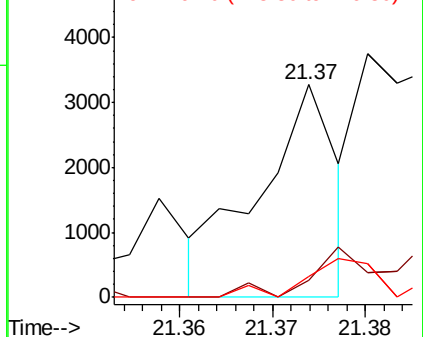
Lab File: ClientSampleId:

Acq: 17 Aug 2022 8:13

Tot Ion:128	Resp:	1913
Ion Ratio	Lower	Upper
128	100	
127	11.5	10.8 16.2
129	14.1	9.1 13.7#



Abundance Ion 128.10 (127.80 to 128.80): V
Ion 127.10 (126.80 to 127.80): V
Ion 129.10 (128.80 to 129.80): V



#80

Naphthalene, 2-methyl-

Concen: 0.018 ppbv

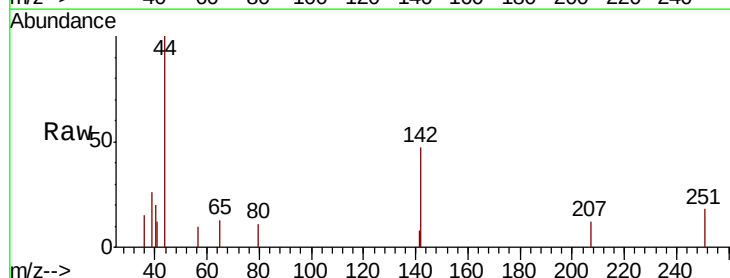
RT: 24.40 min Scan# 6785

Delta R.T. 0.03 min

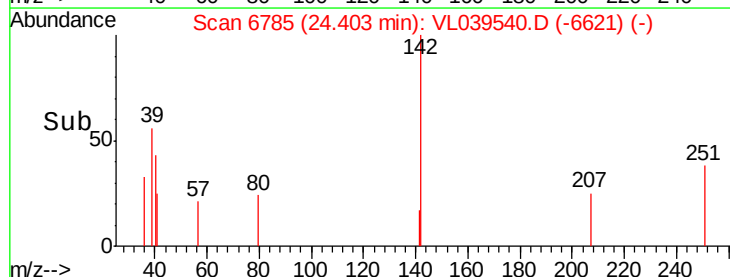
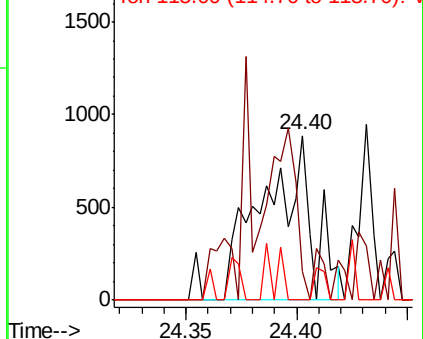
Lab File: VL039540.D

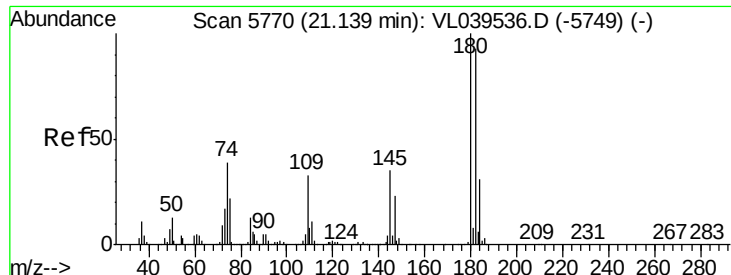
Acq: 17 Aug 2022 6:13

Tgt Ion:142	Resp:	1437
Ion Ratio	Lower	Upper
142	100	
141	123.7	0.0 0.0#
115	12.0	0.0 0.0#



Abundance Ion 142.00 (141.70 to 142.70): V
Ion 141.00 (140.70 to 141.70): V
Ion 115.00 (114.70 to 115.70): V





#81
 1,2,4-Trichlorobenzene
 Concen: 0.021 ppbv
 RT: 21.14
 Delta R.T: MSVOA_L
 Lab File: ClientSampleId :
 VSTDIC0.1
 Acq: 17 Aug 2022 8.15

Tot Ion:	180	Resp:	3079
Ion Ratio	Lower	Upper	
180	100		
182	0.0	0.0	0.0
184	127.2	0.0	0.0#

