

Data File : VX015229.D
Acq On : 12 Mar 2020 11:53
Operator : JC/SP
Sample : VSTDIC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Quant Time: Mar 12 13:57:17 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X031220W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu Mar 12 13:54:34 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.01	128	52169	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.85	114	272394	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	242864	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.06	65	102164	28.16	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	93.87%
60) 4-Bromofluorobenzene	11.13	95	113511	30.01	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	100.03%
63) Toluene-d8	8.71	98	318823	30.10	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	100.33%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.19	85	14434	6.196	ug/l 97
3) Chloromethane	1.32	50	20305	6.741	ug/l 96
4) Vinyl Chloride	1.40	62	20099	6.200	ug/l 94
5) Bromomethane	1.64	94	14041	6.185	ug/l 99
6) Chloroethane	1.72	64	13036	6.003	ug/l 90
7) Trichlorofluoromethane	1.93	101	25638	5.434	ug/l 96
8) Diethyl Ether	2.18	74	11617	5.853	ug/l 94
9) 1,1,2-Trichlorotrifluoroet	2.38	101	16945	6.212	ug/l 98
10) 1,1-Dichloroethene	2.37	96	16265	5.931	ug/l 96
11) Methyl Iodide	2.51	142	11166	3.351	ug/l 95
12) Methyl Acetate	2.77	43	18763	5.498	ug/l 94
13) Acrolein	2.29	56	18061	26.611	ug/l 99
14) Acrylonitrile	3.14	53	44499	28.873	ug/l 97
15) Acetone	2.44	58	14107	25.577	ug/l 99
16) Carbon Disulfide	2.56	76	44435	6.026	ug/l 98
17) Allyl chloride	2.72	41	28268	5.926	ug/l 98
18) Methylene Chloride	2.85	84	18580	5.880	ug/l 96
19) trans-1,2-Dichloroethene	3.16	96	17221	5.717	ug/l 91
20) Diisopropyl ether	3.84	45	58479	6.002	ug/l # 84
21) 1,1-Dichloroethane	3.69	63	31531	5.904	ug/l 96
22) cis-1,2-Dichloroethene	4.59	96	20217	5.865	ug/l 97
23) tert-Butyl Alcohol	3.03	59	18288	29.935	ug/l # 99
24) Methyl tert-Butyl Ether	3.19	73	50470	5.531	ug/l 99
25) Chloroform	5.21	83	29888	5.549	ug/l 98
26) Cyclohexane	5.58	56	29234	6.125	ug/l # 97
29) 1,1-Dichloropropene	5.79	75	24163	6.271	ug/l 97
30) 2-Butanone	4.67	43	61383	27.602	ug/l 99
31) 2,2-Dichloropropane	4.58	77	24082	5.692	ug/l 96
32) 1,1,1-Trichloroethane	5.49	97	26002	5.943	ug/l 97
33) Carbon Tetrachloride	5.78	117	21192	5.533	ug/l 93
34) Benzene	6.14	78	71409	6.142	ug/l 98
35) Methacrylonitrile	5.04	41	12932	5.701	ug/l 96
37) Trichloroethene	7.20	130	19347	5.927	ug/l 95
38) Methylcyclohexane	7.46	83	26744	5.600	ug/l 98
39) 1,2-Dichloropropane	7.51	63	17420	5.821	ug/l 99
40) Dibromomethane	7.66	93	11314	5.662	ug/l 99
41) Bromodichloromethane	7.89	83	21541	5.457	ug/l 93

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ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Quant Time: Mar 12 13:57:17 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X031220W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu Mar 12 13:54:34 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Vinyl Acetate	3.81	43	240885	30.774	ug/l	100
43) Ethyl Acetate	4.83	43	22458	5.581	ug/l #	86
44) Isopropyl Acetate	6.44	43	38260	5.656	ug/l	97
45) 1,4-Dioxane	7.75	88	6873	109.961	ug/l	96
46) Methyl methacrylate	7.77	41	17063	5.099	ug/l	99
47) n-amyl Acetate	10.89	43	31717	5.412	ug/l	95
48) t-1,3-Dichloropropene	9.04	75	21542	4.919	ug/l	93
49) cis-1,3-Dichloropropene	8.43	75	25325	5.253	ug/l	95
50) 1,1,2-Trichloroethane	9.21	97	16970	5.700	ug/l	96
51) Ethyl methacrylate	9.17	69	23398	5.092	ug/l	96
52) 1,3-Dichloropropane	9.37	76	28163	5.592	ug/l	100
53) Dibromochloromethane	9.57	129	16424	5.103	ug/l	98
54) 1,2-Dibromoethane	9.67	107	16383	5.183	ug/l	95
55) 2-Chloroethyl vinyl ether	8.31	63	57385	23.445	ug/l	99
56) Bromoform	10.85	173	12417	4.921	ug/l	99
58) 4-Methyl-2-Pentanone	8.64	43	108789	27.332	ug/l	99
59) 2-Hexanone	9.48	43	81655	26.256	ug/l	100
61) Tetrachloroethene	9.33	164	19550	5.993	ug/l	89
62) Toluene	8.78	91	72227	5.806	ug/l	99
64) Chlorobenzene	10.14	112	44953	5.662	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.21	131	16321	5.549	ug/l	97
66) Ethyl Benzene	10.25	91	75522	5.511	ug/l	98
67) m/p-Xylenes	10.36	106	58365	11.045	ug/l	98
68) o-Xylene	10.70	106	28244	5.524	ug/l	94
69) Styrene	10.71	104	46472	5.322	ug/l	99
70) Isopropylbenzene	11.01	105	73899	5.441	ug/l	98
71) 1,1,2,2-Tetrachloroethane	11.26	83	24598	5.625	ug/l	98
72) 1,2,3-Trichloropropane	11.29	75	27126	7.479	ug/l	80
73) Bromobenzene	11.25	156	20262	5.522	ug/l	99
74) n-propylbenzene	11.35	91	84841	5.489	ug/l	100
75) 2-Chlorotoluene	11.42	91	50798	5.561	ug/l	99
76) 1,3,5-Trimethylbenzene	11.50	105	63134	5.547	ug/l	98
77) t-1,4-Dichloro-2-butene	11.07	75	7545	5.159	ug/l	90
78) 4-Chlorotoluene	11.51	91	57532	5.445	ug/l	98
79) tert-butylbenzene	11.76	119	58361	5.307	ug/l	99
80) 1,2,4-Trimethylbenzene	11.80	105	60760	5.370	ug/l	99
81) sec-Butylbenzene	11.94	105	72840	5.531	ug/l	99
82) p-Isopropyltoluene	12.06	119	66868	5.466	ug/l	100
83) 1,3-Dichlorobenzene	12.02	146	35897	5.580	ug/l	97
84) 1,4-Dichlorobenzene	12.09	146	36801	5.681	ug/l	97
85) n-Butylbenzene	12.39	91	55870	5.248	ug/l	99
86) Hexachloroethane	12.59	117	11506	5.203	ug/l	92
87) 1,2-Dichlorobenzene	12.39	146	36521	5.705	ug/l	98
88) 1,2-Dibromo-3-Chloropropan	12.99	75	4816	5.057	ug/l	95
89) 1,2,4-Trichlorobenzene	13.64	180	24463	5.314	ug/l	99
90) Hexachlorobutadiene	13.78	225	13785	6.030	ug/l	99
91) Naphthalene	13.83	128	62400	4.788	ug/l	100
92) 1,2,3-Trichlorobenzene	14.01	180	25927	5.673	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031220\
Quantitation Report (Not Reviewed)

Data File : VX015229.D
Acq On : 12 Mar 2020 11:53
Operator : JC/SP
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Quant Time: Mar 12 13:57:17 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X031220W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu Mar 12 13:54:34 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

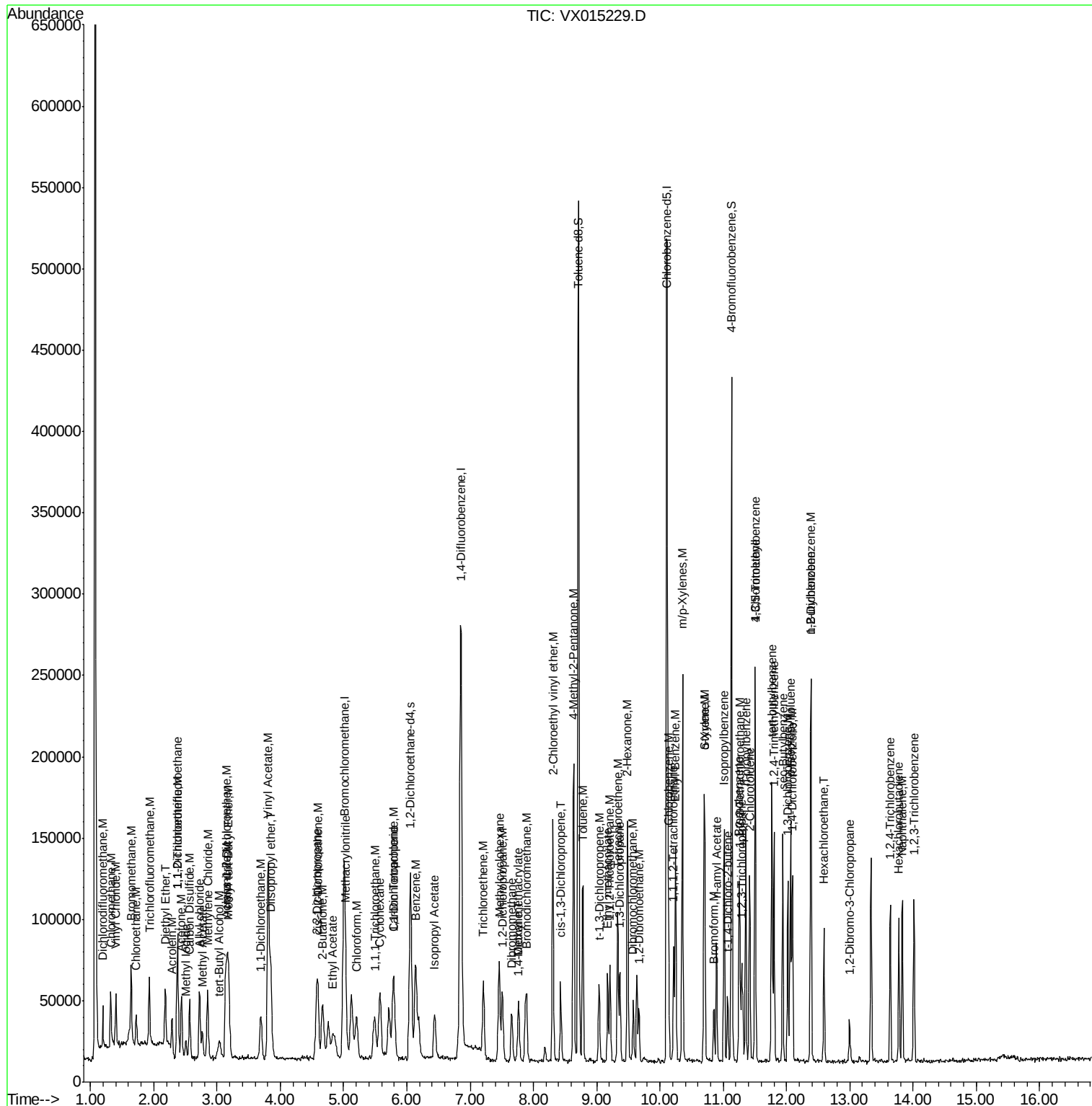
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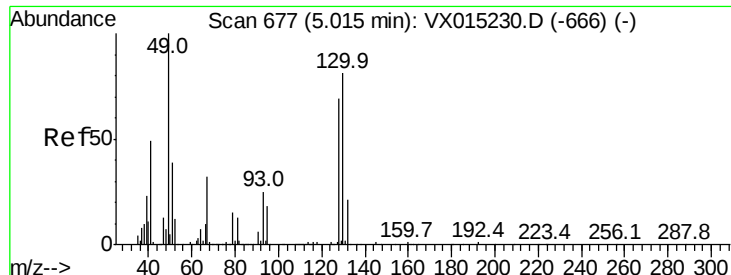
Data File : VX015229.D

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Acq On       : 12 Mar 2020   11:53
Operator     : JC/SP
Sample       : VSTDIC005
Misc         : 5.0mL/MSV0A_X/WATER
ALS Vial     : 9      Sample Multiplier: 1
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Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Quant Time: Mar 12 13:57:17 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\624X031220W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu Mar 12 13:54:34 2020
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.01 min Scan# 677

Delta R.T. 0.00 min

Lab File: VX015229.D

Acq: 12 Mar 2020 11:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

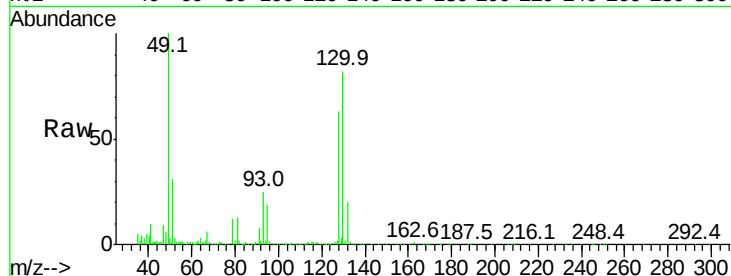
Tgt Ion:128 Resp: 52169

Ion Ratio Lower Upper

128 100

49 159.8 0.0 406.8

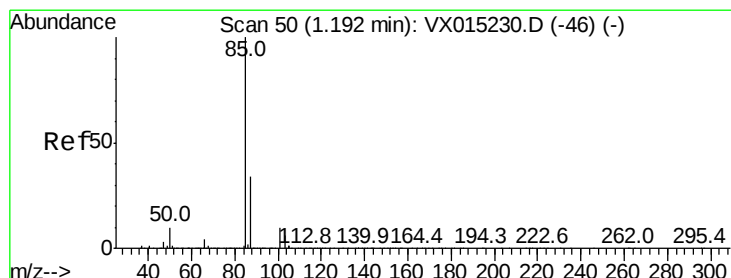
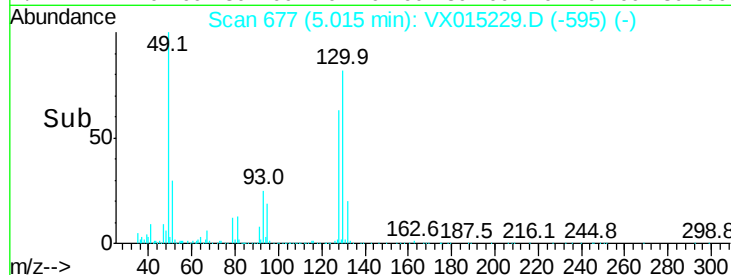
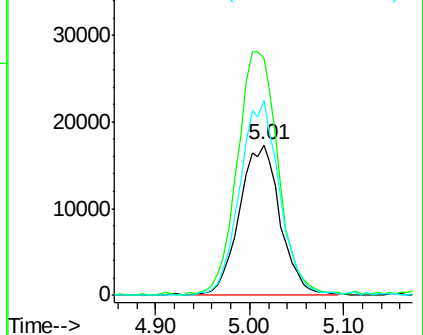
130 126.3 0.0 319.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VX0

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 6.196 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX015229.D

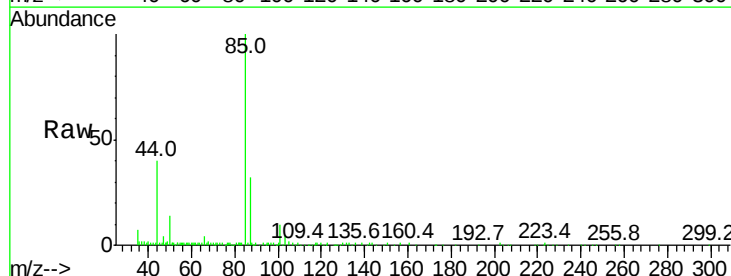
Acq: 12 Mar 2020 11:53

Tgt Ion: 85 Resp: 14434

Ion Ratio Lower Upper

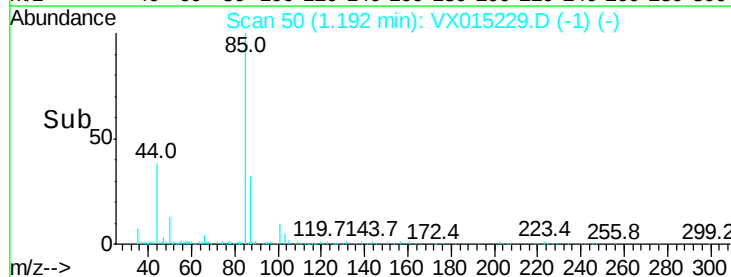
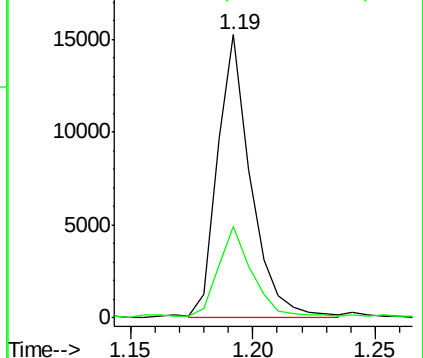
85 100

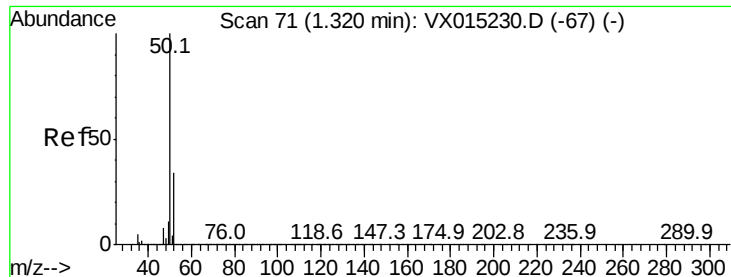
87 32.0 16.7 50.1



Abundance Ion 85.00 (84.70 to 85.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#3

Chloromethane

Concen: 6.741 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX015229.D

Acq: 12 Mar 2020 11:53

Instrument :

MSVOA_X

ClientSampleId :

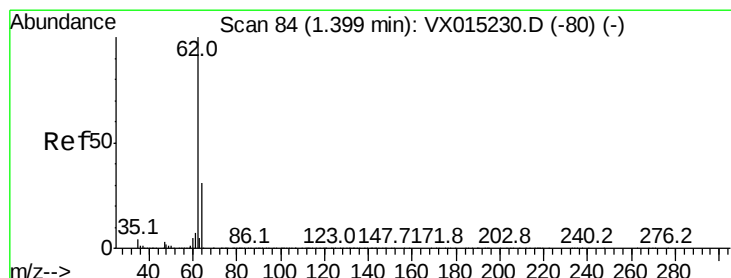
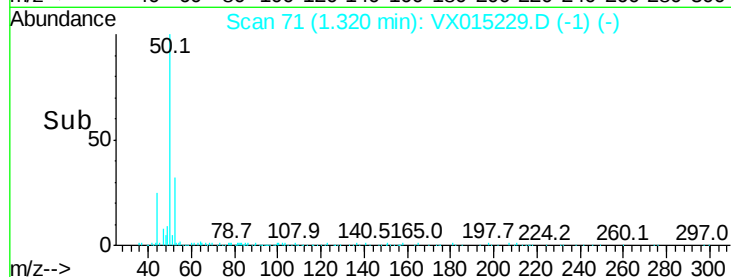
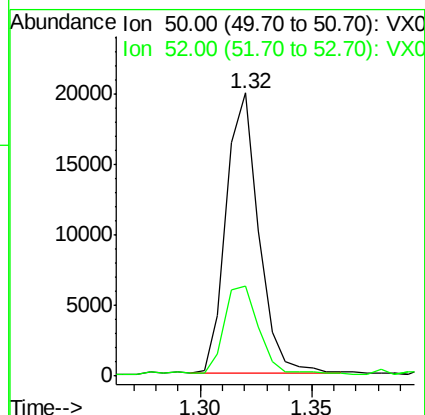
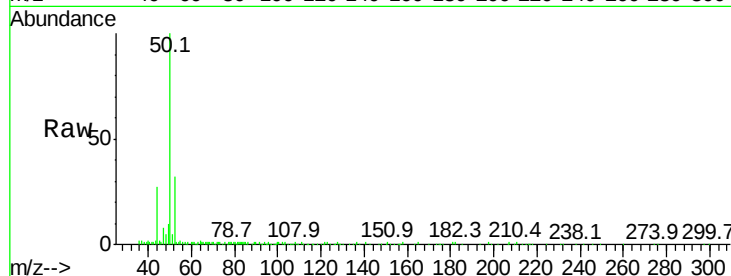
VSTDIC005

Tgt Ion: 50 Resp: 20305

Ion Ratio Lower Upper

50 100

52 31.4 26.9 40.3



#4

Vinyl Chloride

Concen: 6.200 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX015229.D

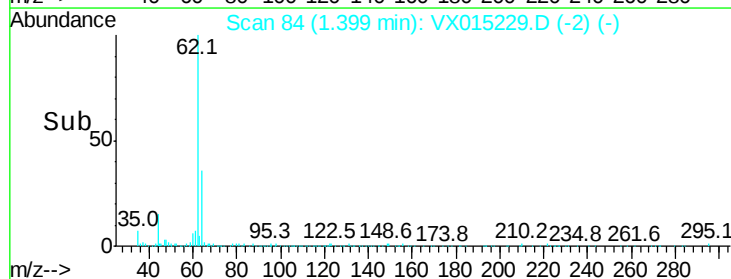
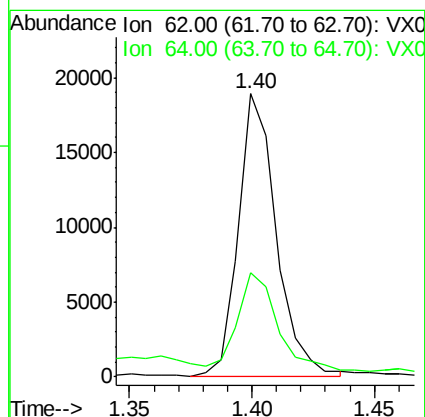
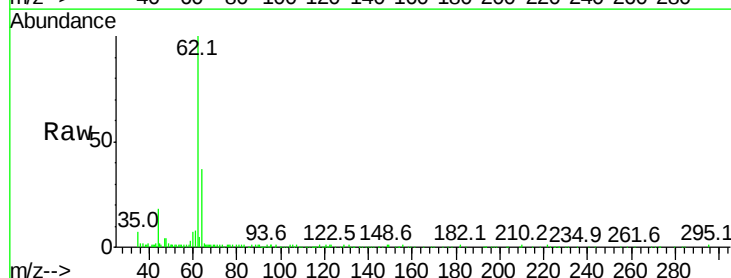
Acq: 12 Mar 2020 11:53

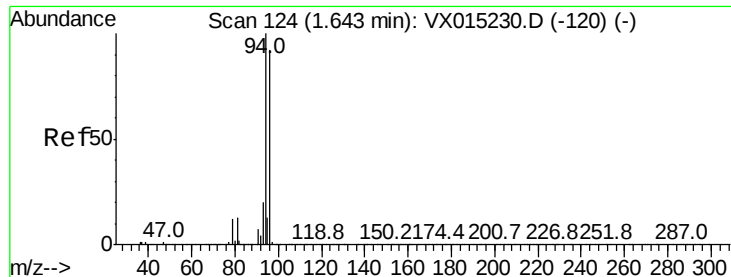
Tgt Ion: 62 Resp: 20099

Ion Ratio Lower Upper

62 100

64 34.2 24.9 37.3





#5

Bromomethane

Concen: 6.185 ug/l

RT: 1.64 min Scan# 124

Delta R.T. 0.00 min

Lab File: VX015229.D

Acq: 12 Mar 2020 11:53

Instrument :

MSVOA_X

ClientSampleId :

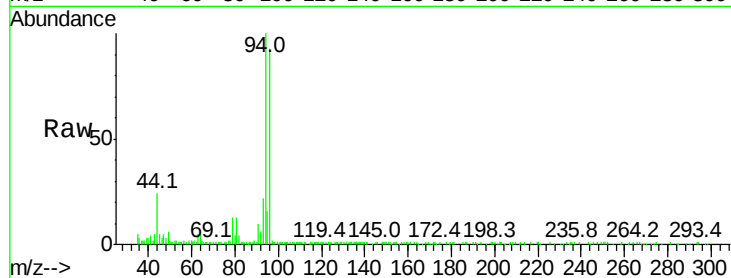
VSTDIC005

Tgt Ion: 94 Resp: 14041

Ion Ratio Lower Upper

94 100

96 92.0 73.0 109.4



Abundance Ion 94.00 (93.70 to 94.70): VX0

Ion 96.00 (95.70 to 96.70): VX0

15000

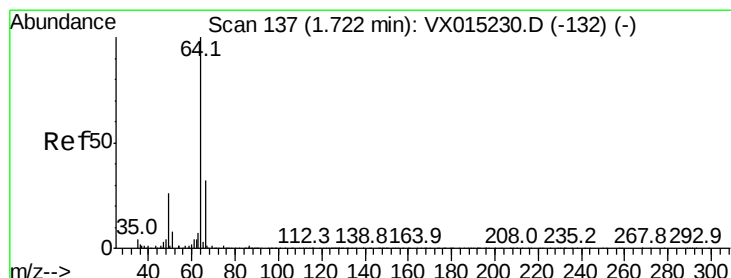
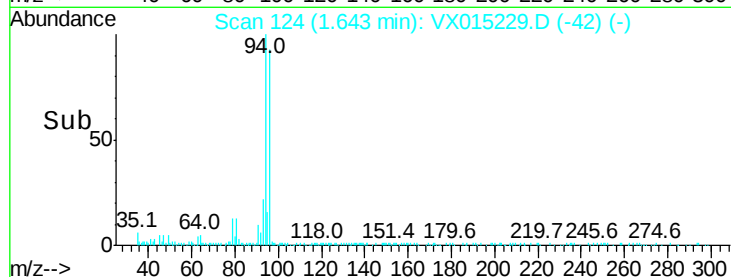
10000

5000

0

1.60 1.65 1.70

Time-->



#6

Chloroethane

Concen: 6.003 ug/l

RT: 1.72 min Scan# 137

Delta R.T. 0.00 min

Lab File: VX015229.D

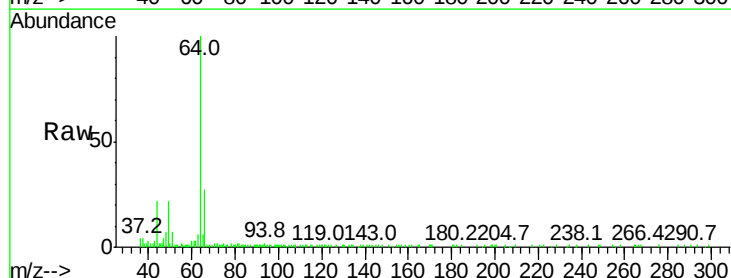
Acq: 12 Mar 2020 11:53

Tgt Ion: 64 Resp: 13036

Ion Ratio Lower Upper

64 100

66 26.7 25.9 38.9



Abundance Ion 64.00 (63.70 to 64.70): VX0

Ion 66.00 (65.70 to 66.70): VX0

12000

10000

8000

6000

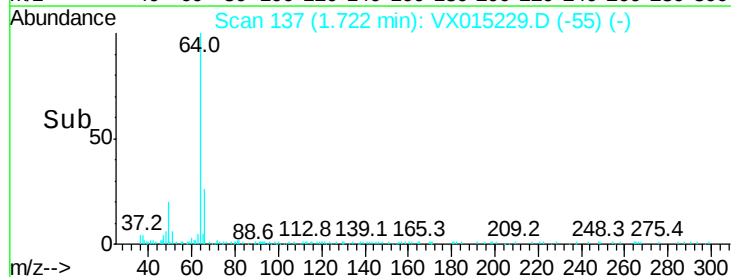
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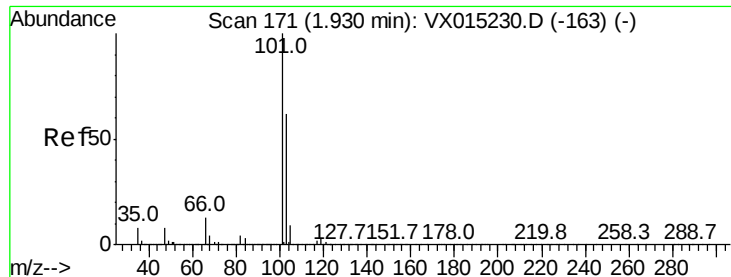
2000

0

1.70 1.75

Time-->



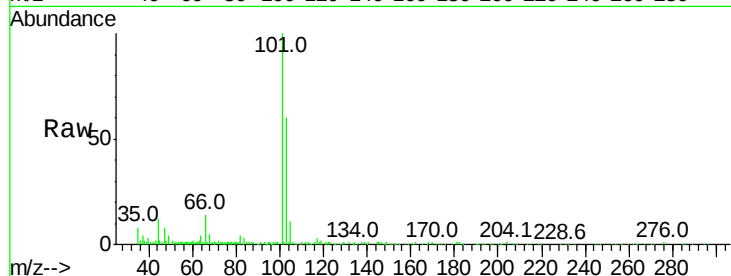


#7

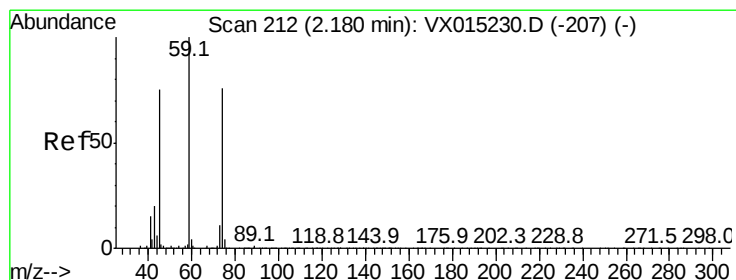
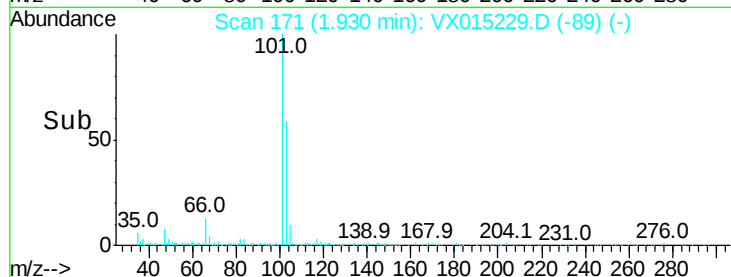
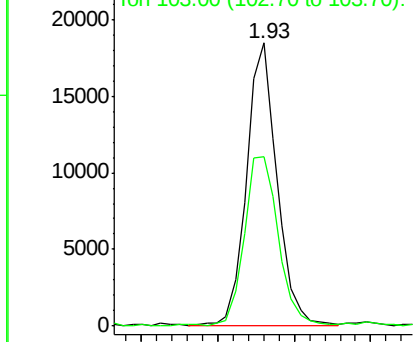
Trichlorofluoromethane
Concen: 5.434 ug/l
RT: 1.93 min Scan# 171
Delta R.T. 0.00 min
Lab File: VX015229.D
Acq: 12 Mar 2020 11:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:101 Resp: 25638
Ion Ratio Lower Upper
101 100
103 59.2 49.9 74.9



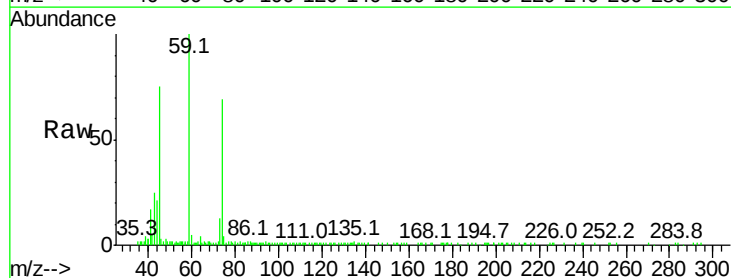
Abundance Ion 101.00 (100.70 to 101.70): V
Ion 103.00 (102.70 to 103.70): V



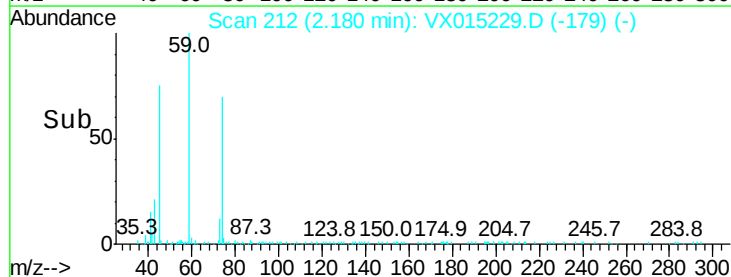
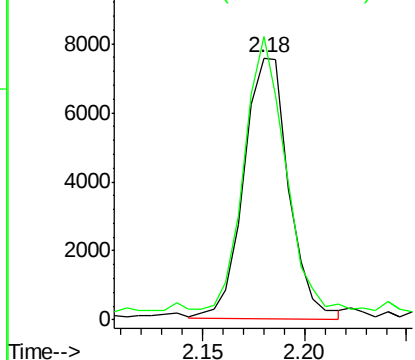
#8

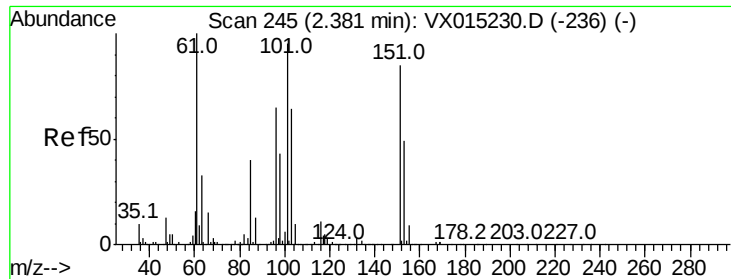
Diethyl Ether
Concen: 5.853 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX015229.D
Acq: 12 Mar 2020 11:53

Tgt Ion: 74 Resp: 11617
Ion Ratio Lower Upper
74 100
45 95.7 20.3 182.3



Abundance Ion 74.00 (73.70 to 74.70): VX0
Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 6.212 ug/l

RT: 2.38 min Scan# 245

Delta R.T. 0.00 min

Lab File: VX015229.D

Acq: 12 Mar 2020 11:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

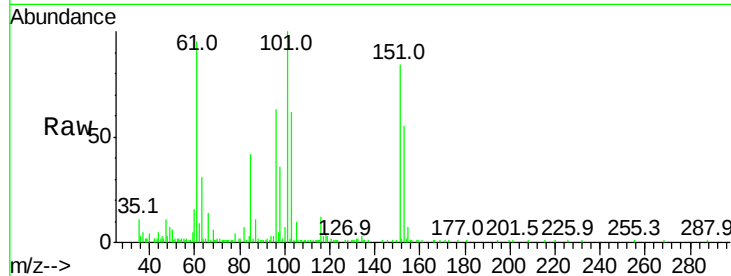
Tgt Ion: 101 Resp: 16945

Ion Ratio Lower Upper

101 100

85 40.1 0.0 82.0

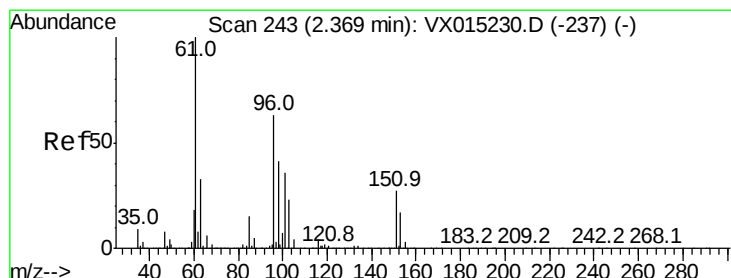
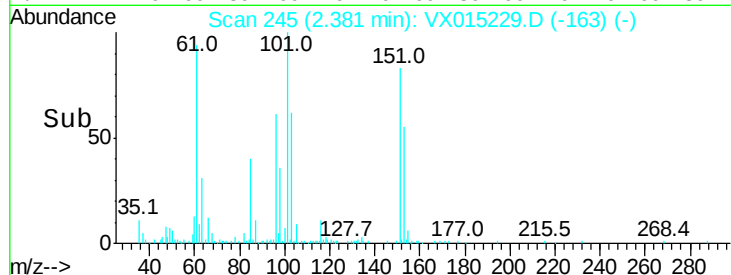
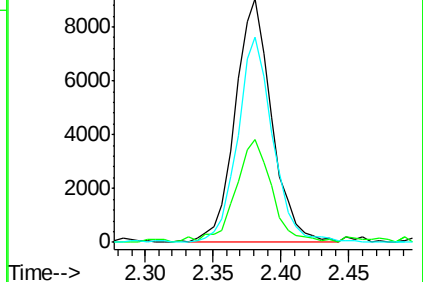
151 80.6 0.0 165.0



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VX0

Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 5.931 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.00 min

Lab File: VX015229.D

Acq: 12 Mar 2020 11:53

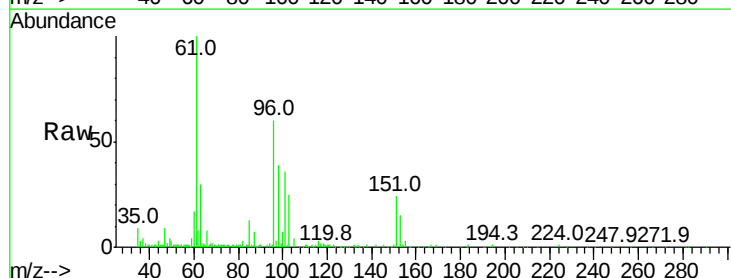
Tgt Ion: 96 Resp: 16265

Ion Ratio Lower Upper

96 100

61 164.2 126.2 189.2

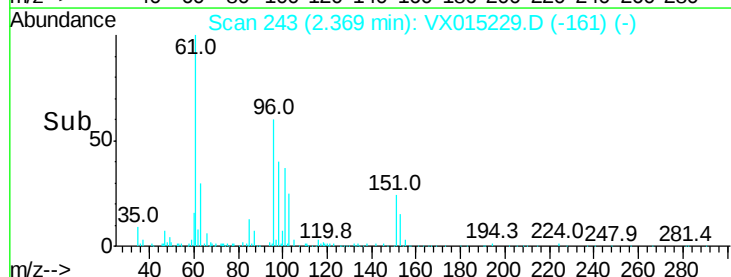
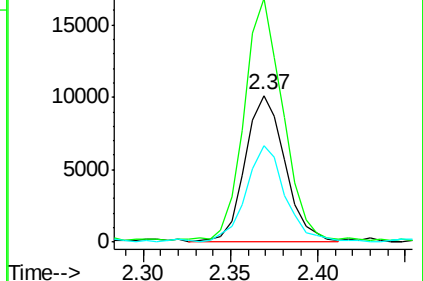
98 64.6 52.1 78.1

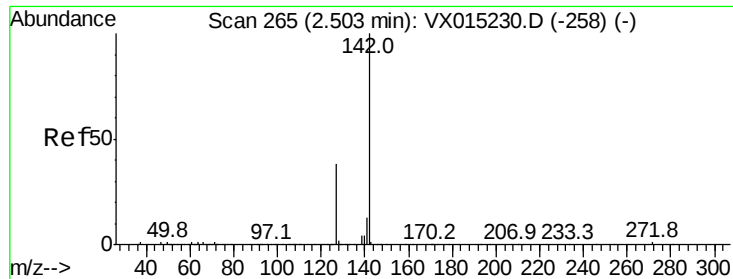


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

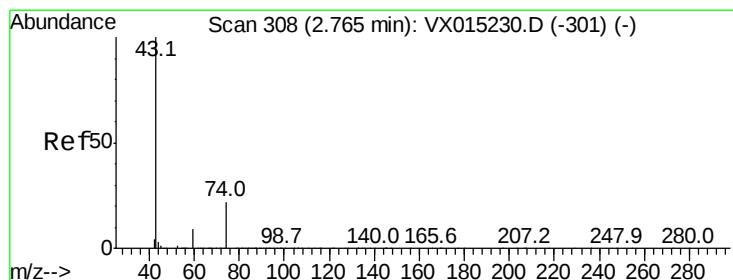
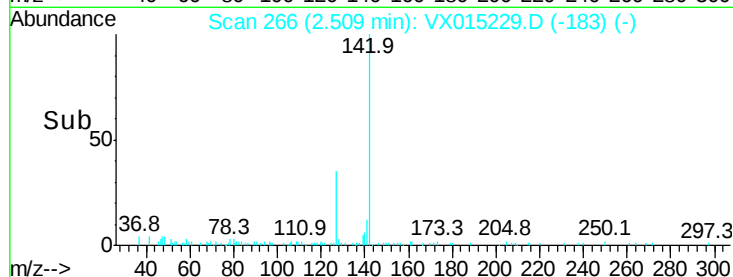
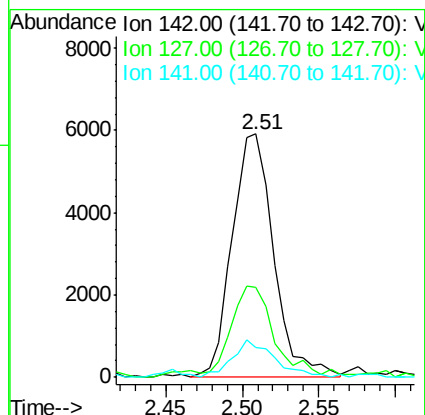
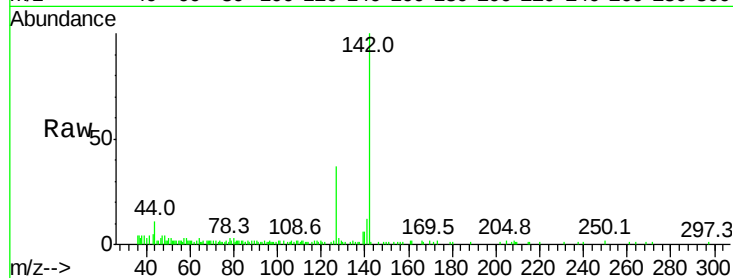




#11
Methyl Iodide
Concen: 3.351 ug/l
RT: 2.51 min Scan# 266
Delta R.T. 0.01 min
Lab File: VX015229.D
Acq: 12 Mar 2020 11:53

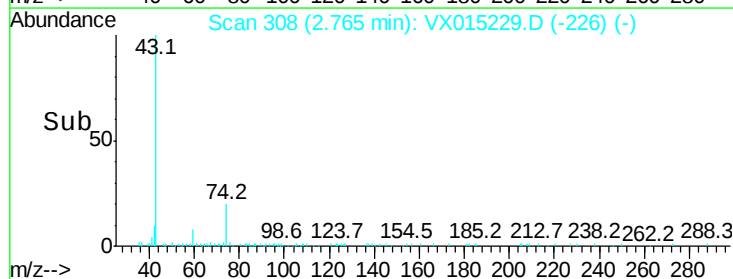
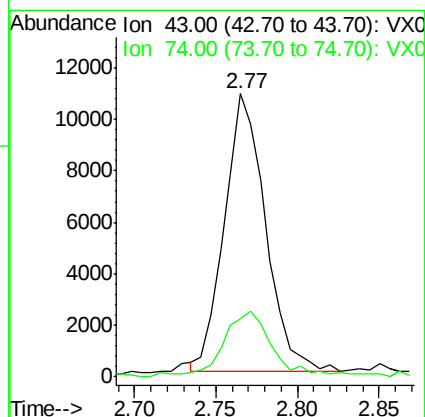
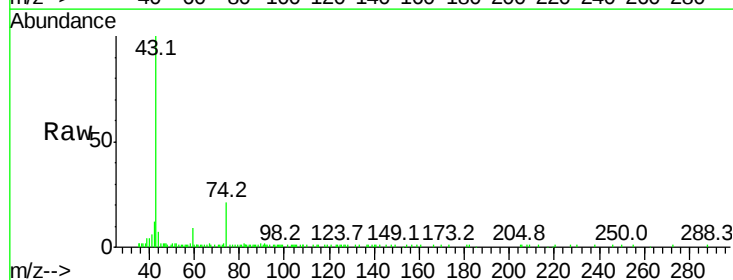
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

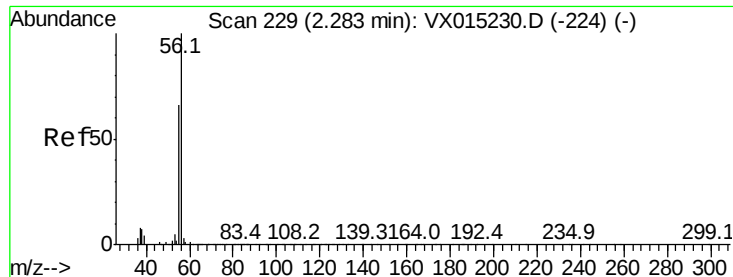
Tgt Ion	Ratio	Lower	Upper
142	100		
127	35.0	18.9	56.9
141	11.2	6.6	19.7



#12
Methyl Acetate
Concen: 5.498 ug/l
RT: 2.77 min Scan# 308
Delta R.T. 0.00 min
Lab File: VX015229.D
Acq: 12 Mar 2020 11:53

Tgt Ion	Ratio	Lower	Upper
43	100		
74	19.8	18.0	27.0





#13

Acrolein

Concen: 26.611 ug/l

RT: 2.29 min Scan# 230

Delta R.T. 0.01 min

Lab File: VX015229.D

Acq: 12 Mar 2020 11:53

Instrument :

MSVOA_X

ClientSampleId :

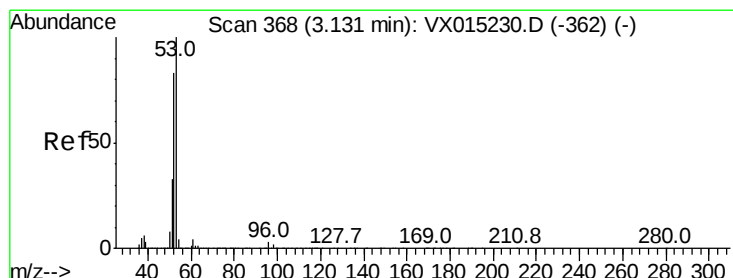
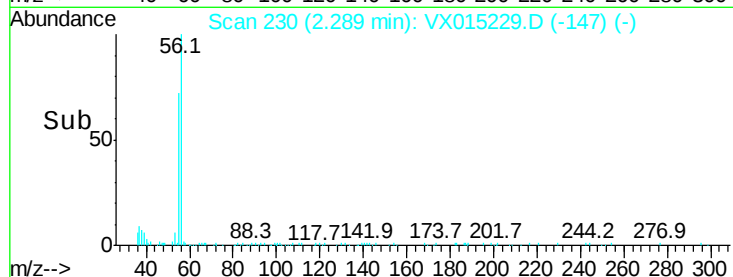
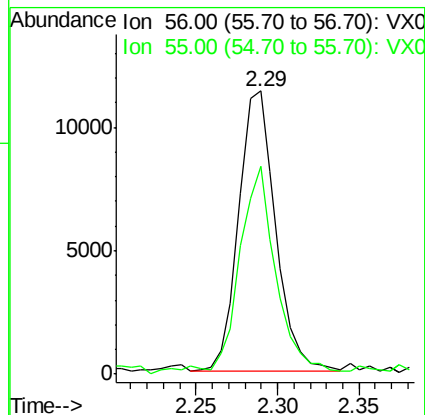
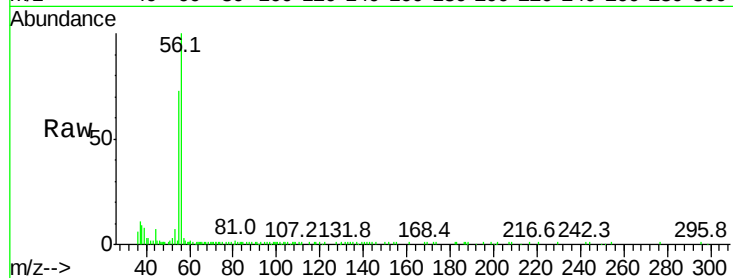
VSTDIC005

Tgt Ion: 56 Resp: 18061

Ion Ratio Lower Upper

56 100

55 69.4 55.1 82.7



#14

Acrylonitrile

Concen: 28.873 ug/l

RT: 3.14 min Scan# 369

Delta R.T. 0.01 min

Lab File: VX015229.D

Acq: 12 Mar 2020 11:53

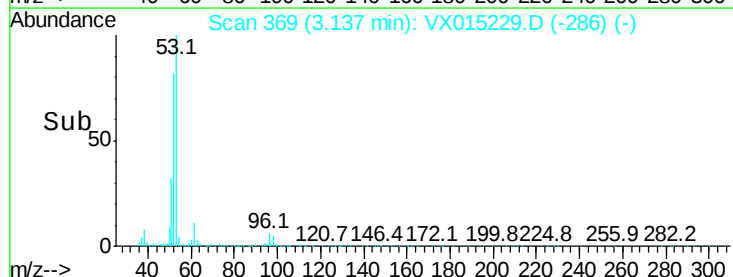
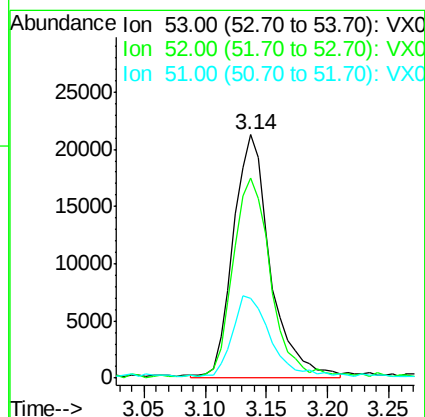
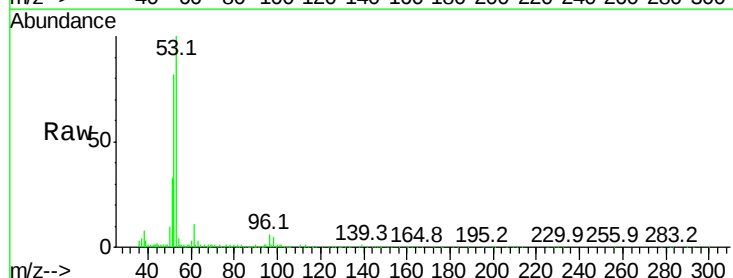
Tgt Ion: 53 Resp: 44499

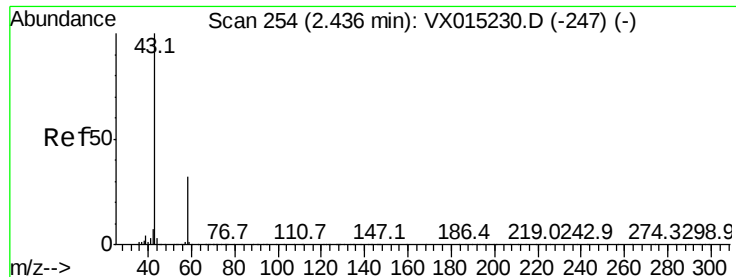
Ion Ratio Lower Upper

53 100

52 81.3 41.5 124.5

51 31.2 17.7 53.1





#15

Acetone

Concen: 25.577 ug/l

RT: 2.44 min Scan# 254

Delta R.T. 0.00 min

Lab File: VX015229.D

Acq: 12 Mar 2020 11:53

Instrument :

MSVOA_X

ClientSampleId :

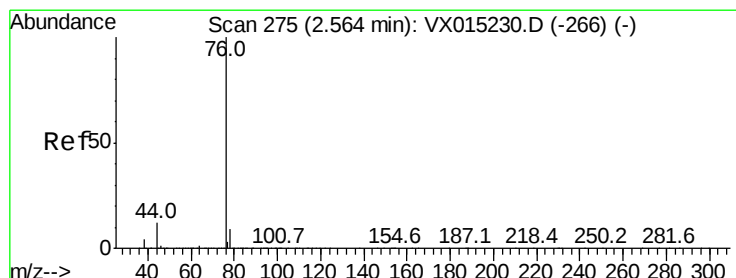
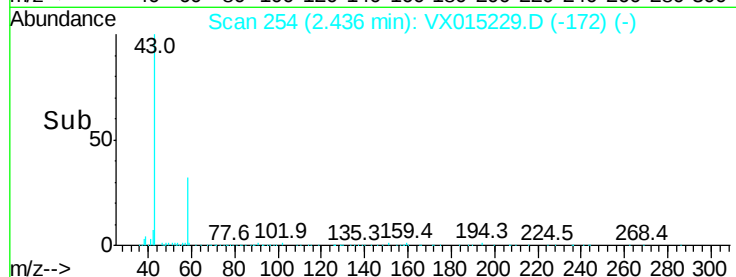
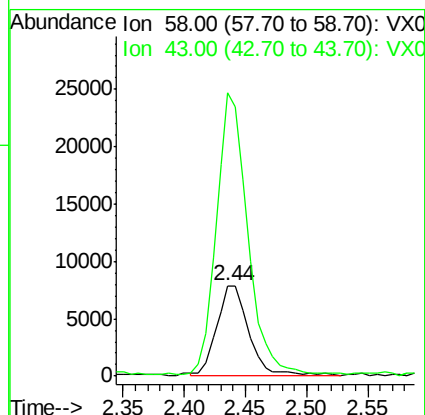
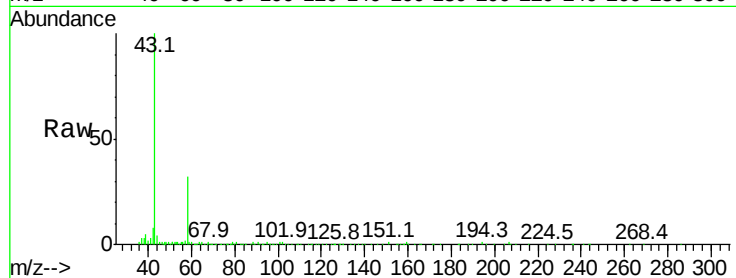
VSTDIC005

Tgt Ion: 58 Resp: 14107

Ion Ratio Lower Upper

58 100

43 313.3 248.7 373.1



#16

Carbon Disulfide

Concen: 6.026 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.00 min

Lab File: VX015229.D

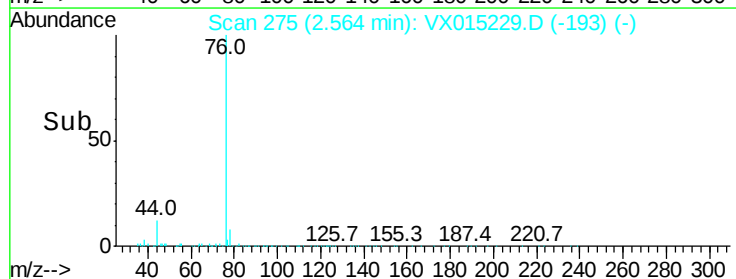
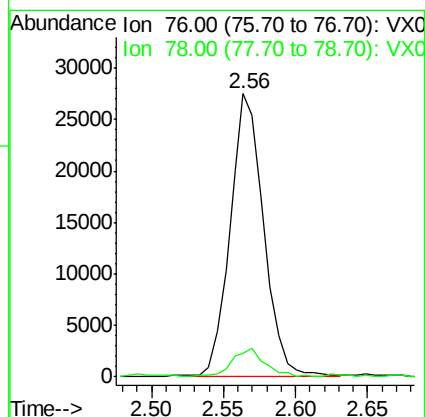
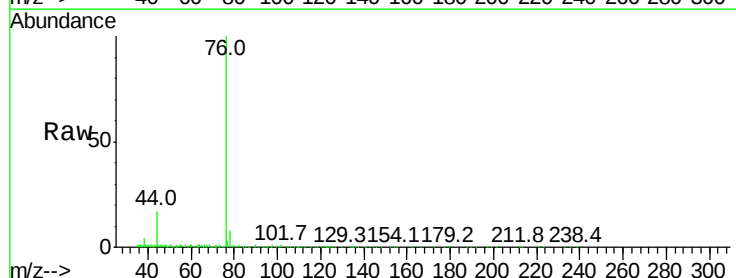
Acq: 12 Mar 2020 11:53

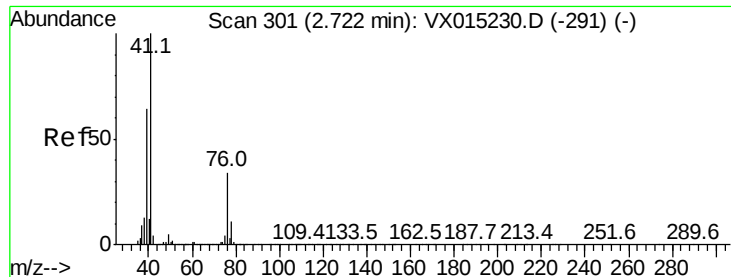
Tgt Ion: 76 Resp: 44435

Ion Ratio Lower Upper

76 100

78 8.4 7.3 10.9





#17

Allyl chloride

Concen: 5.926 ug/l

RT: 2.72 min Scan# 301

Delta R.T. 0.00 min

Lab File: VX015229.D

Acq: 12 Mar 2020 11:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

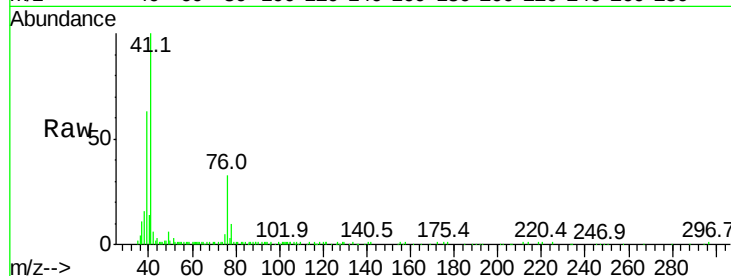
Tgt Ion: 41 Resp: 28268

Ion Ratio Lower Upper

41 100

39 62.2 32.1 96.5

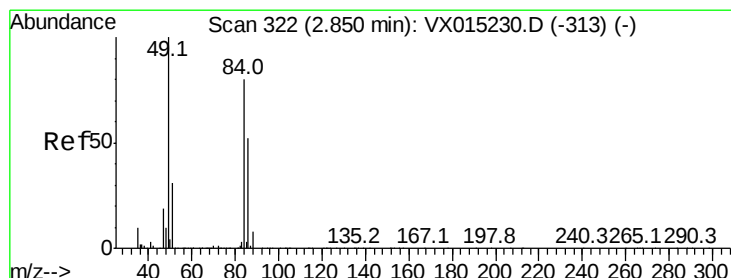
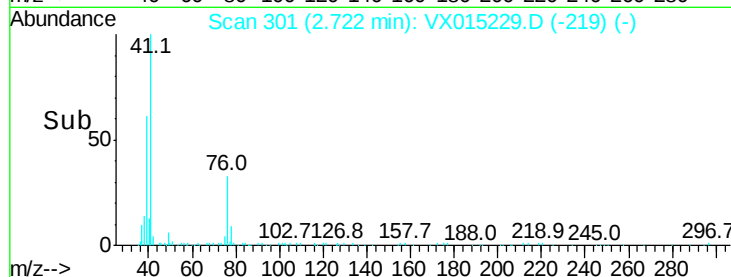
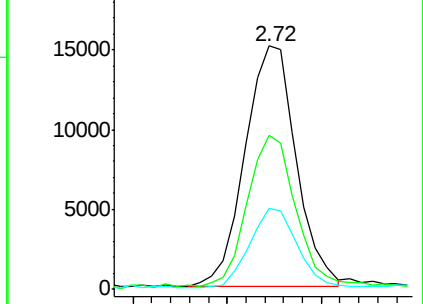
76 33.2 17.2 51.5



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 76.00 (75.70 to 76.70): VX0



#18

Methylene Chloride

Concen: 5.880 ug/l

RT: 2.85 min Scan# 322

Delta R.T. 0.00 min

Lab File: VX015229.D

Acq: 12 Mar 2020 11:53

Tgt Ion: 84 Resp: 18580

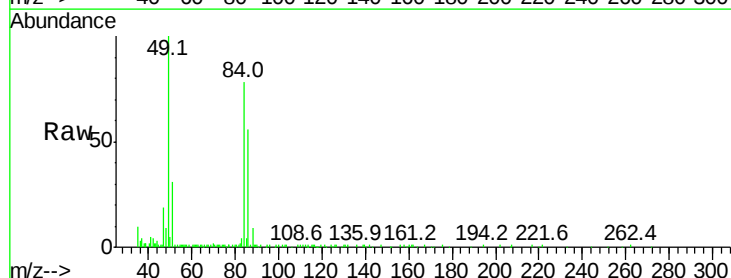
Ion Ratio Lower Upper

84 100

49 127.6 99.5 149.3

51 38.6 31.0 46.6

86 70.7 52.0 78.0

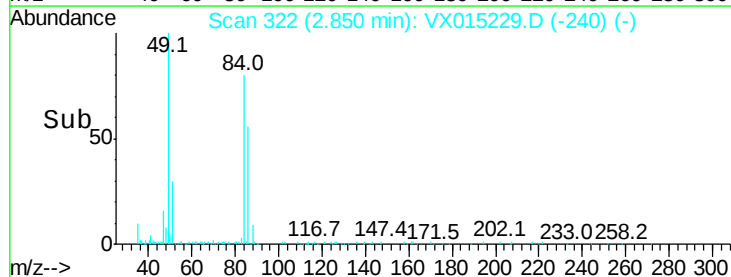
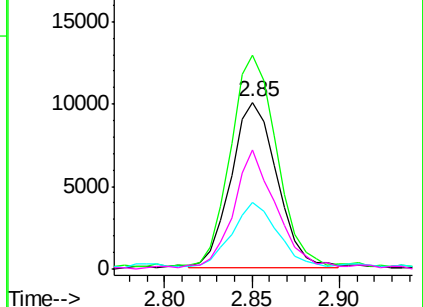


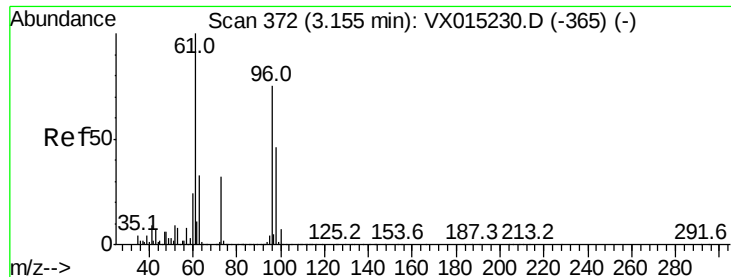
Abundance Ion 84.00 (83.70 to 84.70): VX0

Ion 49.00 (48.70 to 49.70): VX0

Ion 51.00 (50.70 to 51.70): VX0

Ion 86.00 (85.70 to 86.70): VX0





#19

trans-1,2-Dichloroethene

Concen: 5.717 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX015229.D

Acq: 12 Mar 2020 11:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

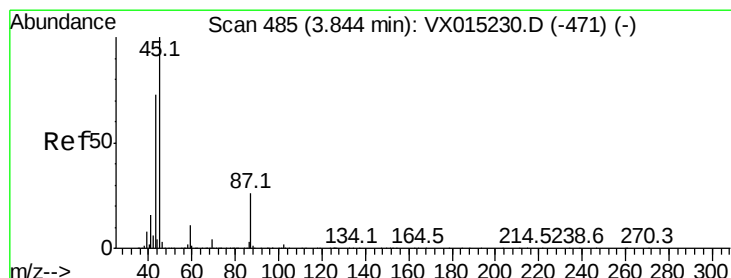
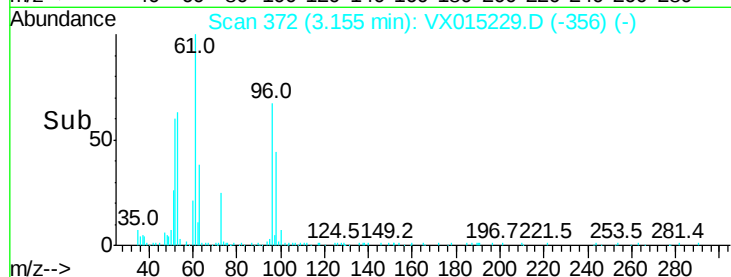
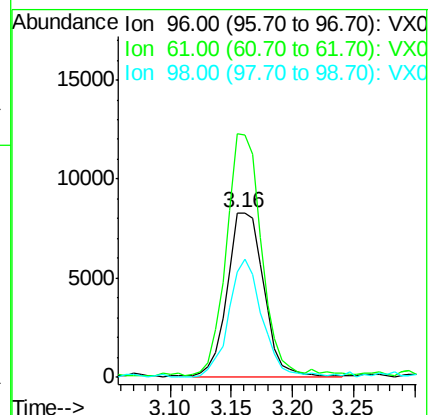
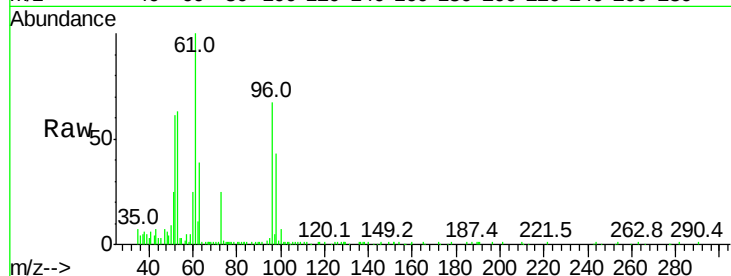
Tgt Ion: 96 Resp: 17221

Ion Ratio Lower Upper

96 100

61 146.3 106.3 159.5

98 64.8 49.1 73.7



#20

Diisopropyl ether

Concen: 6.002 ug/l

RT: 3.84 min Scan# 485

Delta R.T. 0.00 min

Lab File: VX015229.D

Acq: 12 Mar 2020 11:53

Tgt Ion: 45 Resp: 58479

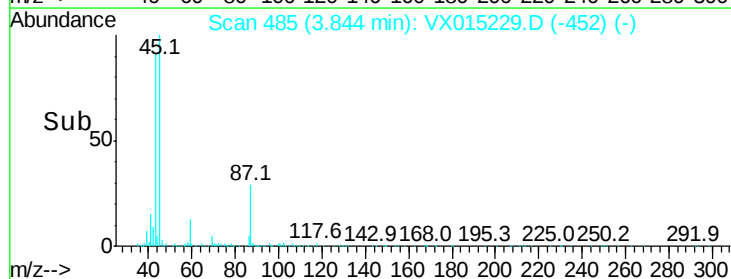
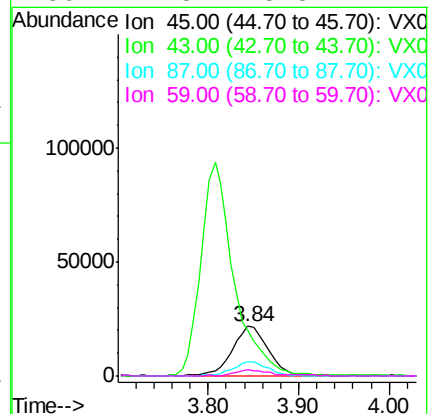
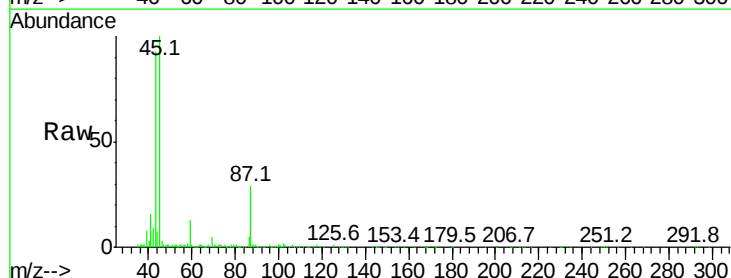
Ion Ratio Lower Upper

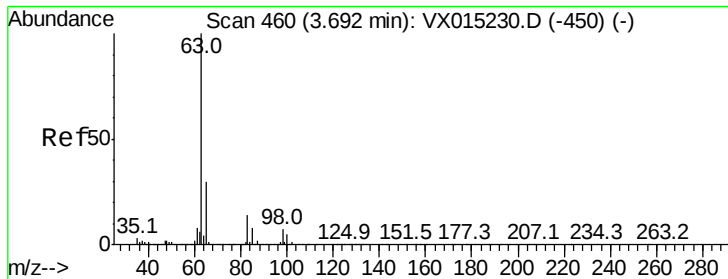
45 100

43 90.8 58.6 87.8#

87 29.2 21.0 31.4

59 12.3 8.5 12.7





#21

1,1-Dichloroethane

Concen: 5.904 ug/l

RT: 3.69 min Scan# 460

Delta R.T. 0.00 min

Lab File: VX015229.D

Acq: 12 Mar 2020 11:53

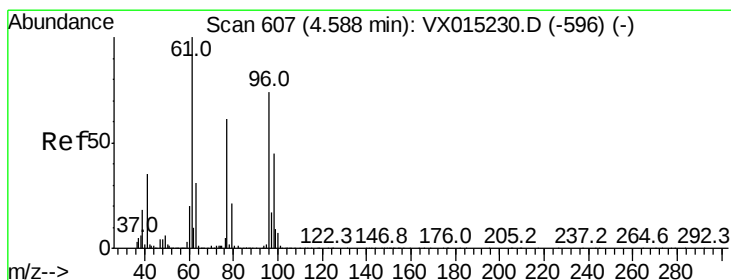
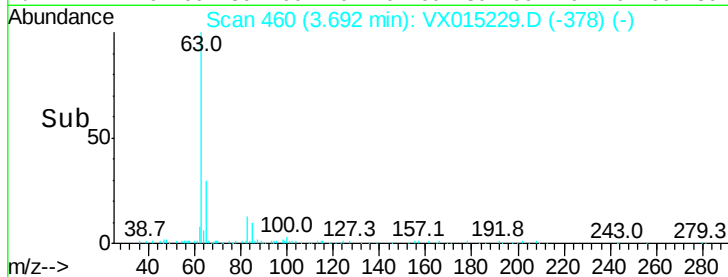
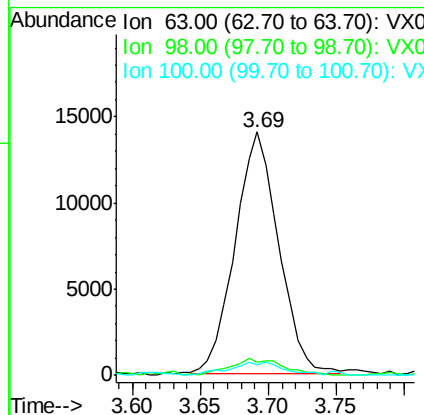
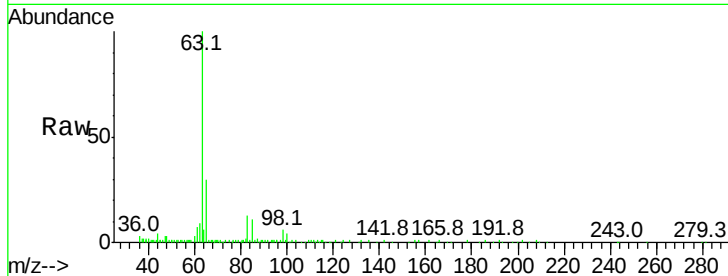
Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion:	63	Resp:	31531
Ion	Ratio	Lower	Upper
63	100		
98	5.3	3.5	10.6
100	4.3	2.4	7.1



#22

cis-1,2-Dichloroethene

Concen: 5.865 ug/l

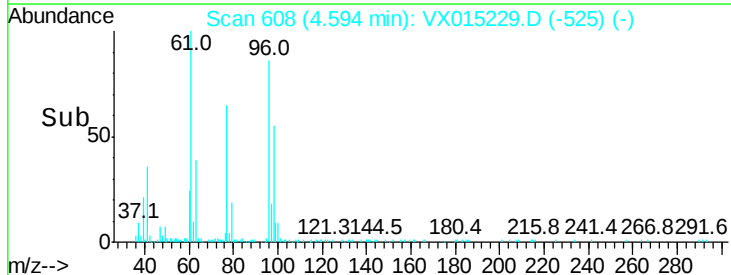
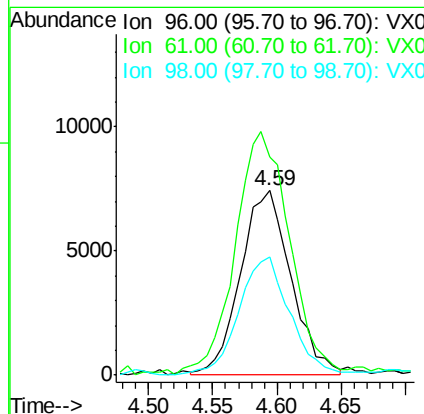
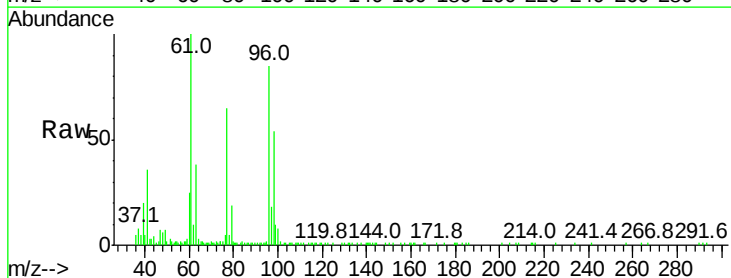
RT: 4.59 min Scan# 608

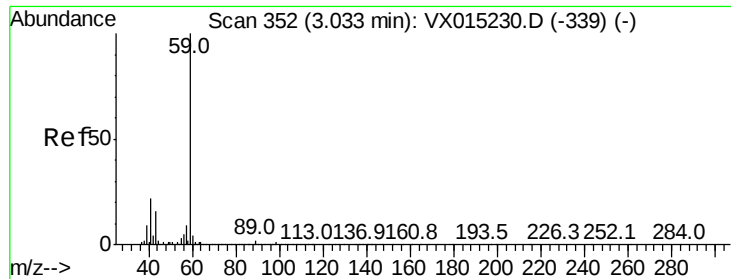
Delta R.T. 0.01 min

Lab File: VX015229.D

Acq: 12 Mar 2020 11:53

Tgt Ion:	96	Resp:	20217
Ion	Ratio	Lower	Upper
96	100		
61	142.8	111.4	167.0
98	64.3	50.1	75.1



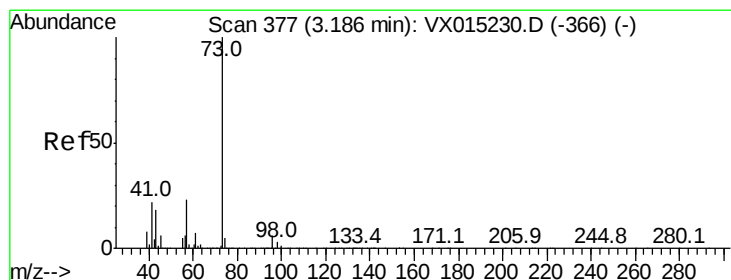
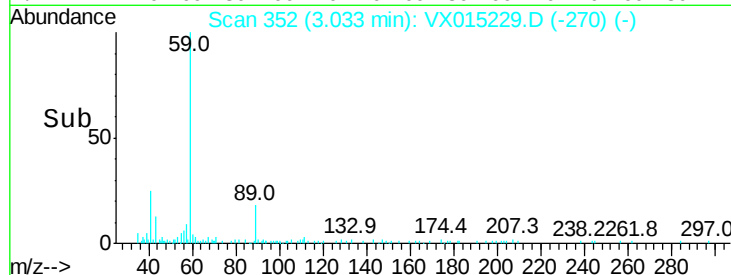
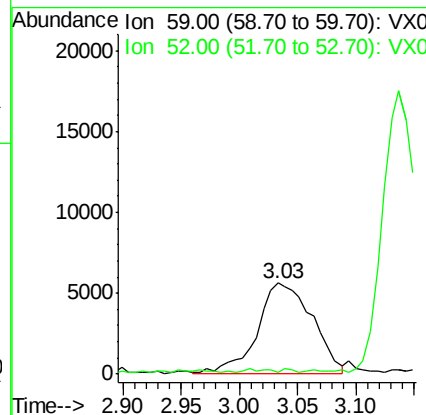
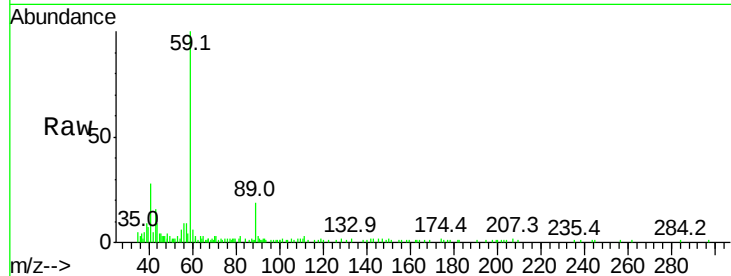


#23

tert-Butyl Alcohol
 Concen: 29.935 ug/l
 RT: 3.03 min Scan# 352
 Delta R.T. 0.00 min
 Lab File: VX015229.D
 Acq: 12 Mar 2020 11:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

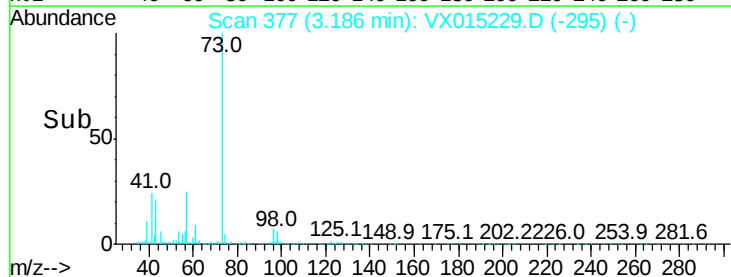
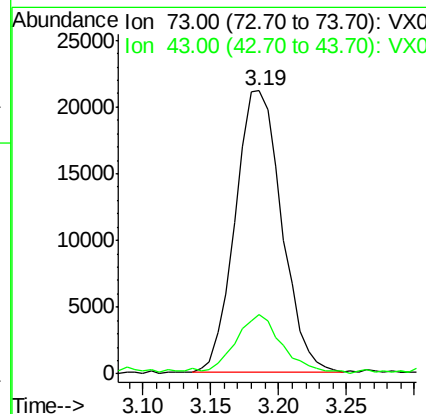
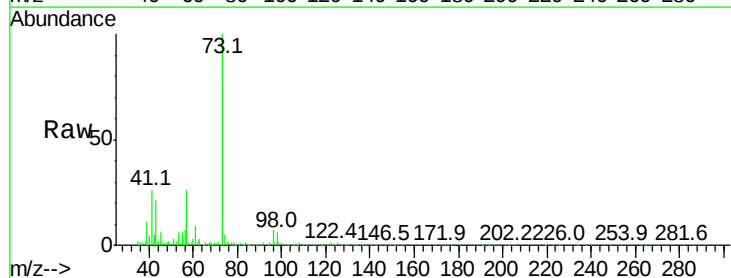
Tgt Ion: 59 Resp: 18288
 Ion Ratio Lower Upper
 59 100
 52 0.9 0.4 0.6#

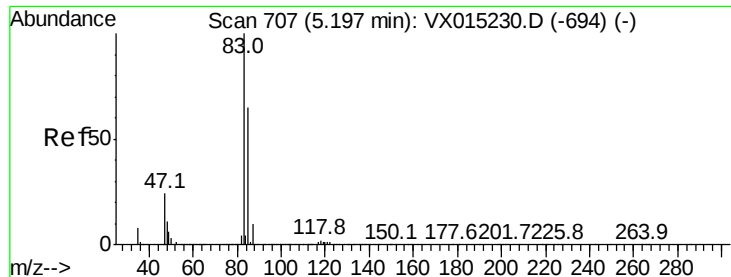


#24

Methyl tert-Butyl Ether
 Concen: 5.531 ug/l
 RT: 3.19 min Scan# 377
 Delta R.T. 0.00 min
 Lab File: VX015229.D
 Acq: 12 Mar 2020 11:53

Tgt Ion: 73 Resp: 50470
 Ion Ratio Lower Upper
 73 100
 43 19.5 15.9 23.9





#25

Chloroform

Concen: 5.549 ug/l

RT: 5.21 min Scan# 709

Delta R.T. 0.01 min

Lab File: VX015229.D

Acq: 12 Mar 2020 11:53

Instrument :

MSVOA_X

ClientSampled :

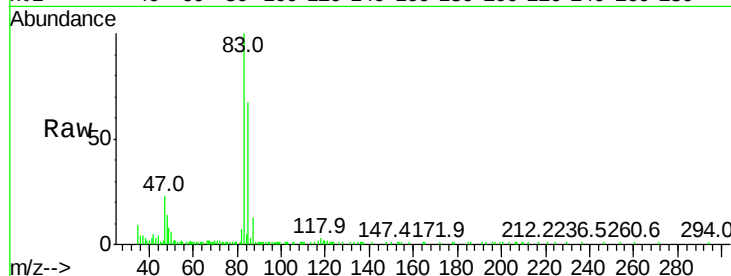
VSTDIC005

Tgt Ion: 83 Resp: 29888

Ion Ratio Lower Upper

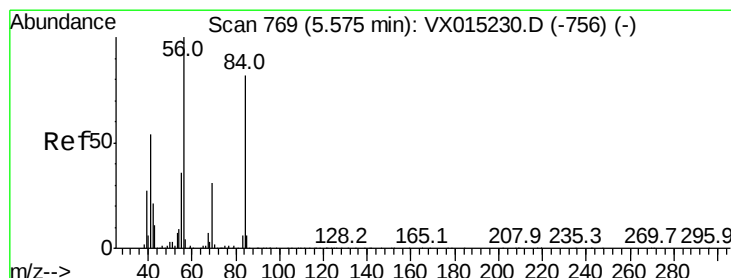
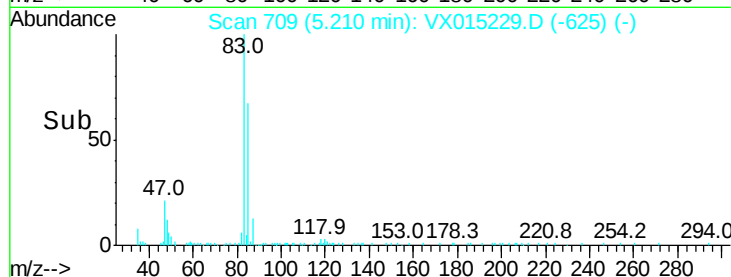
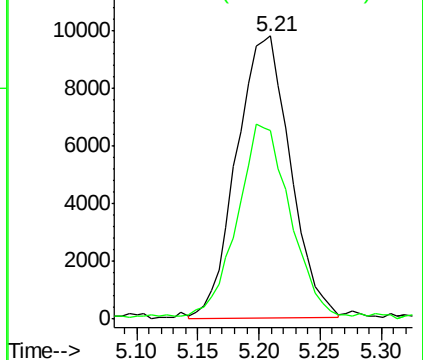
83 100

85 66.2 51.4 77.2



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 85.00 (84.70 to 85.70): VX0



#26

Cyclohexane

Concen: 6.125 ug/l

RT: 5.58 min Scan# 769

Delta R.T. 0.00 min

Lab File: VX015229.D

Acq: 12 Mar 2020 11:53

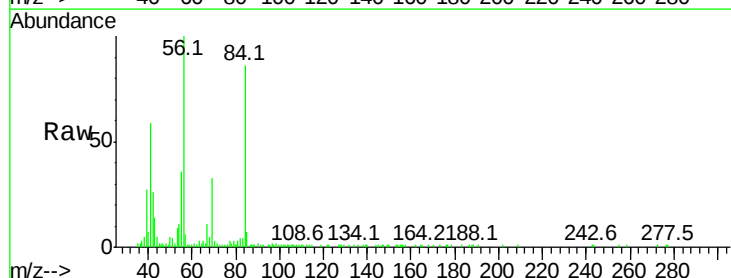
Tgt Ion: 56 Resp: 29234

Ion Ratio Lower Upper

56 100

89 0.1 0.1 0.1#

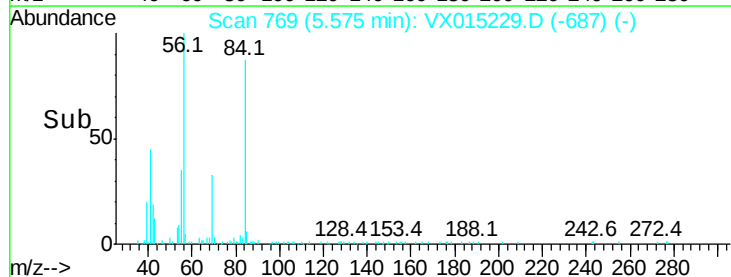
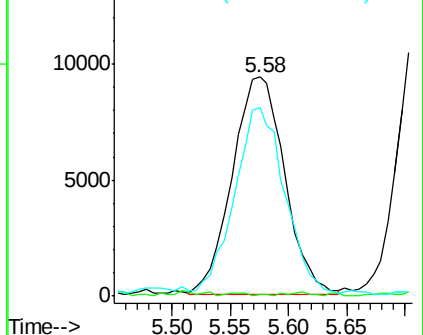
84 82.2 68.2 102.4

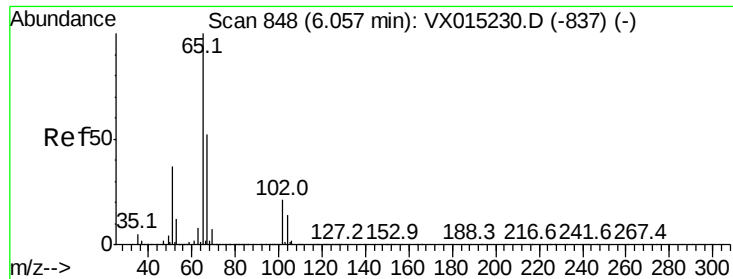


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 89.00 (88.70 to 89.70): VX0

Ion 84.00 (83.70 to 84.70): VX0





#27

1,2-Dichloroethane-d4

Concen: 28.163 ug/l

RT: 6.06 min Scan# 848

Delta R.T. 0.00 min

Lab File: VX015229.D

Acq: 12 Mar 2020 11:53

Instrument :

MSVOA_X

ClientSampleId :

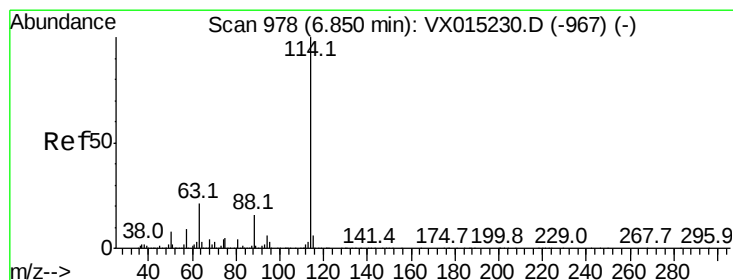
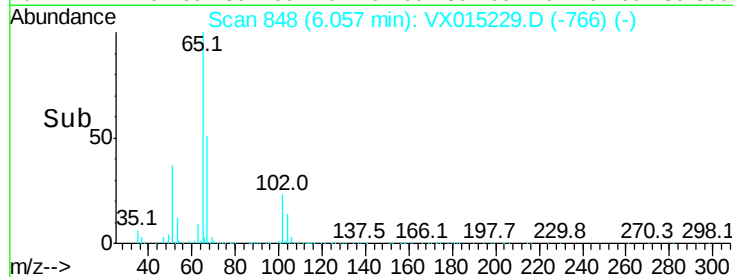
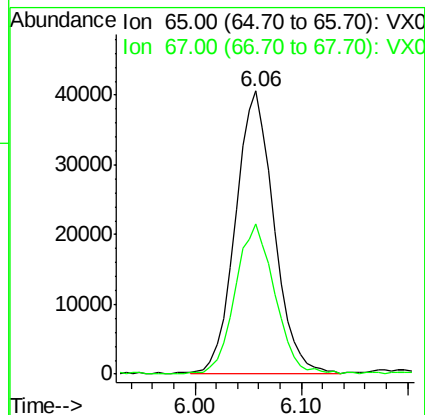
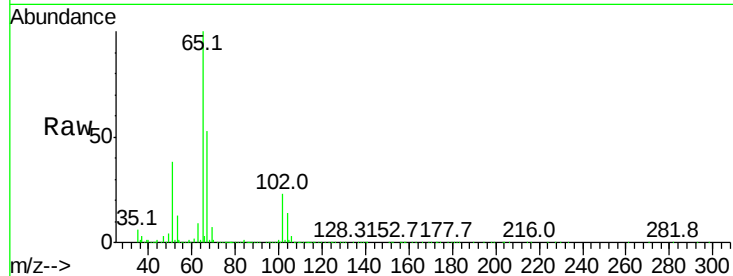
VSTDIC005

Tgt Ion: 65 Resp: 102164

Ion Ratio Lower Upper

65 100

67 53.5 43.5 65.3



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX015229.D

Acq: 12 Mar 2020 11:53

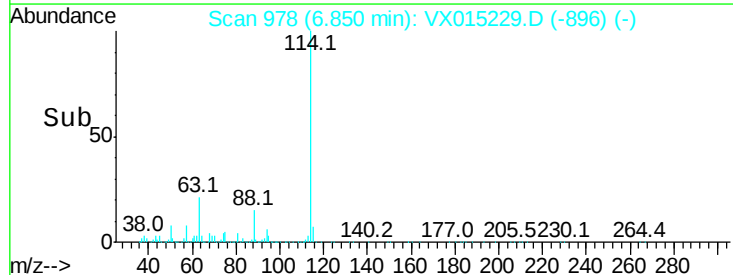
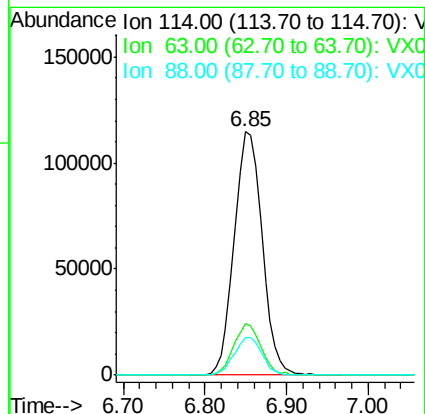
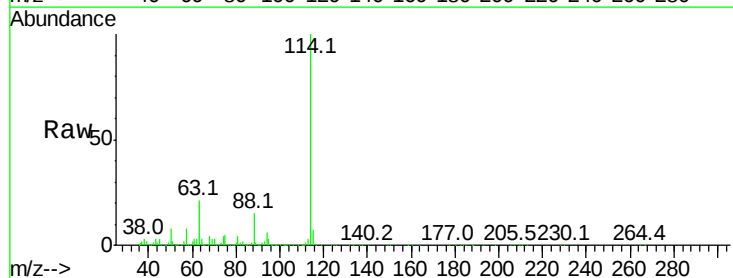
Tgt Ion: 114 Resp: 272394

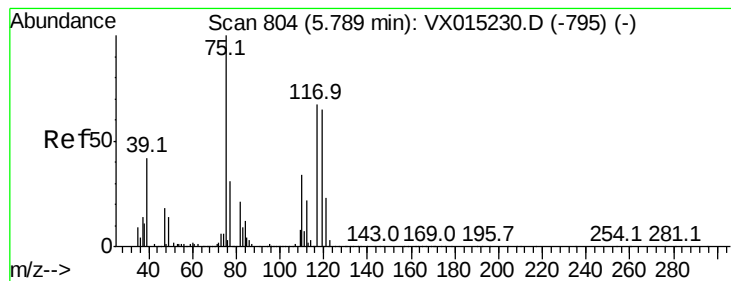
Ion Ratio Lower Upper

114 100

63 20.2 16.6 24.8

88 15.3 12.6 19.0





#29

1,1-Dichloropropene

Concen: 6.271 ug/l

RT: 5.79 min Scan# 805

Delta R.T. 0.01 min

Lab File: VX015229.D

Acq: 12 Mar 2020 11:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

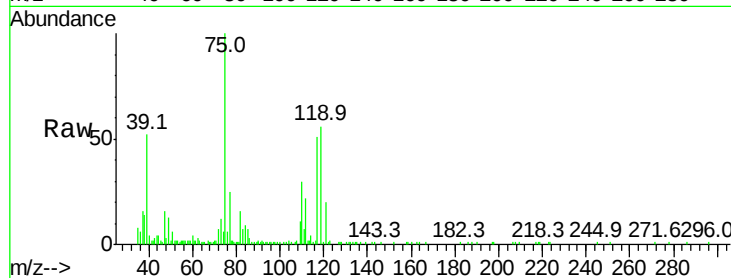
Tgt Ion: 75 Resp: 24163

Ion Ratio Lower Upper

75 100

110 35.6 0.0 73.6

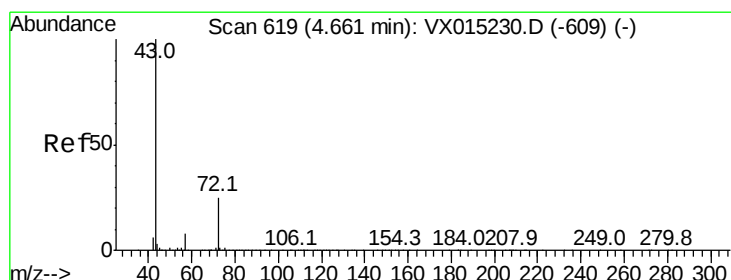
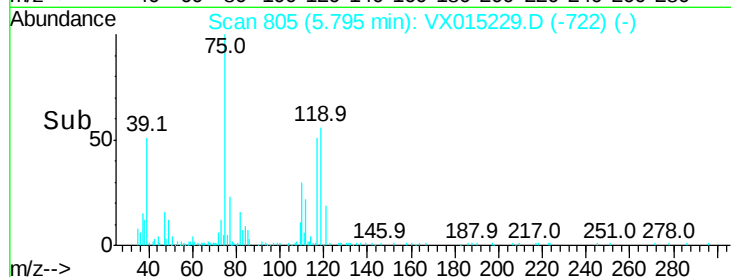
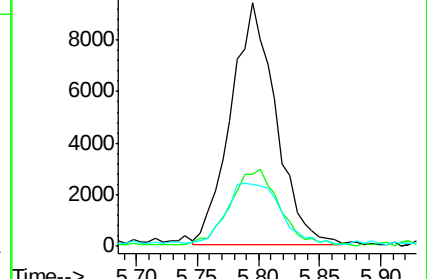
77 29.9 0.0 63.4



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 110.00 (109.70 to 110.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



#30

2-Butanone

Concen: 27.602 ug/l

RT: 4.67 min Scan# 620

Delta R.T. 0.01 min

Lab File: VX015229.D

Acq: 12 Mar 2020 11:53

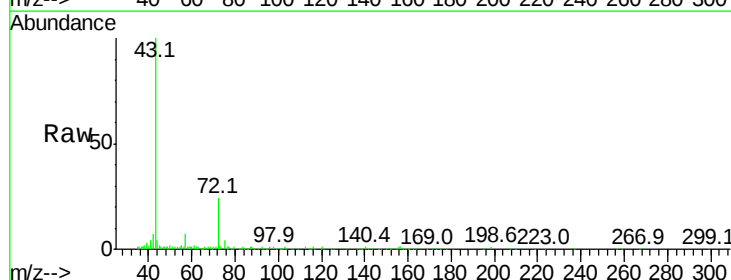
Tgt Ion: 43 Resp: 61383

Ion Ratio Lower Upper

43 100

57 7.8 6.4 9.6

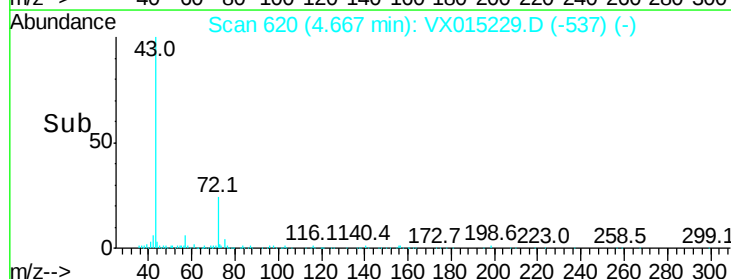
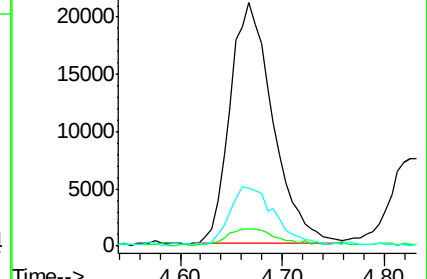
72 24.3 19.9 29.9

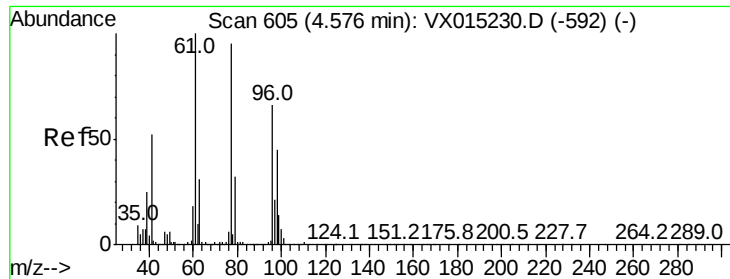


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

Ion 72.00 (71.70 to 72.70): VX0





#31

2,2-Dichloropropane

Concen: 5.692 ug/l

RT: 4.58 min Scan# 605

Delta R.T. 0.00 min

Lab File: VX015229.D

Acq: 12 Mar 2020 11:53

Instrument :

MSVOA_X

ClientSampleId :

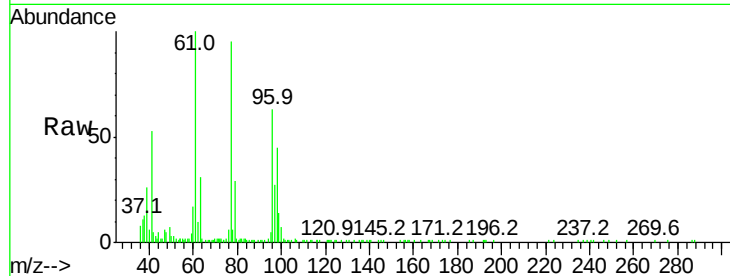
VSTDIC005

Tgt Ion: 77 Resp: 24082

Ion Ratio Lower Upper

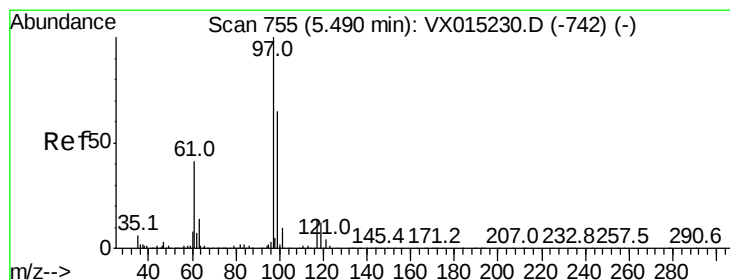
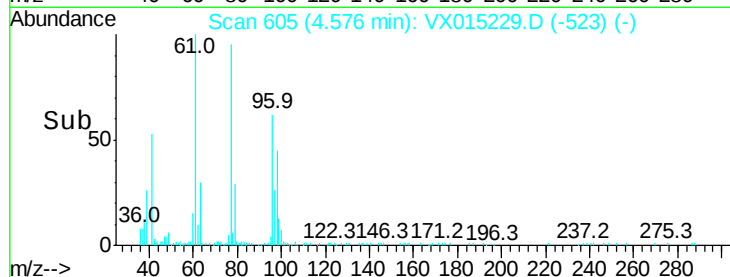
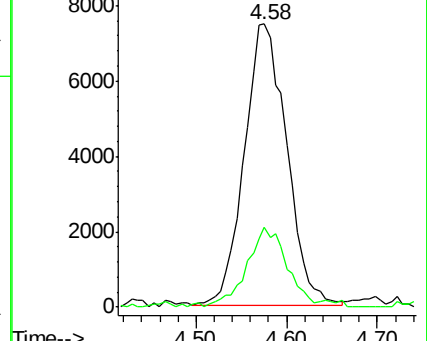
77 100

97 26.8 19.8 29.6



Abundance Ion 77.00 (76.70 to 77.70): VX0

Ion 97.00 (96.70 to 97.70): VX0



#32

1,1,1-Trichloroethane

Concen: 5.943 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX015229.D

Acq: 12 Mar 2020 11:53

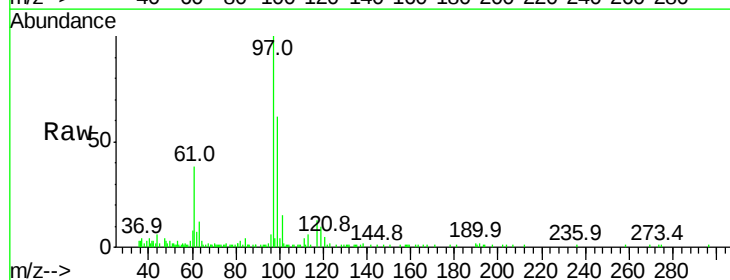
Tgt Ion: 97 Resp: 26002

Ion Ratio Lower Upper

97 100

99 61.1 52.0 78.0

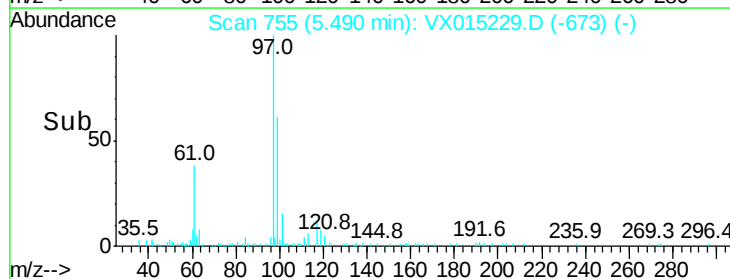
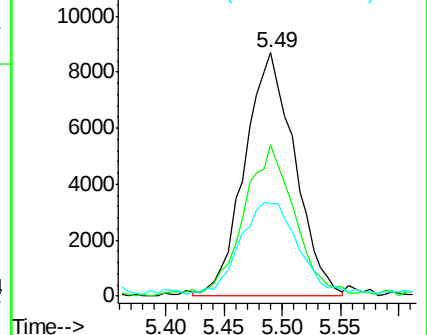
61 43.0 35.0 52.6

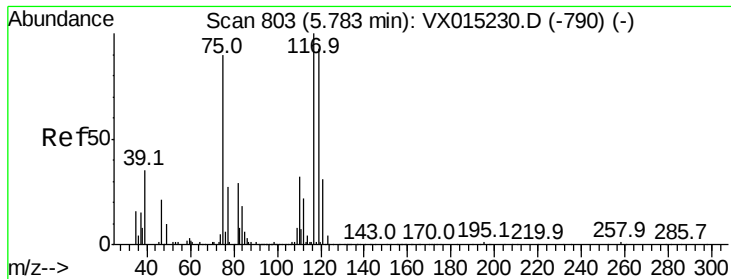


Abundance Ion 97.00 (96.70 to 97.70): VX0

Ion 99.00 (98.70 to 99.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#33

Carbon Tetrachloride

Concen: 5.533 ug/l

RT: 5.78 min Scan# 803

Delta R.T. 0.00 min

Lab File: VX015229.D

Acq: 12 Mar 2020 11:53

Instrument :

MSVOA_X

ClientSampled :

VSTDIC005

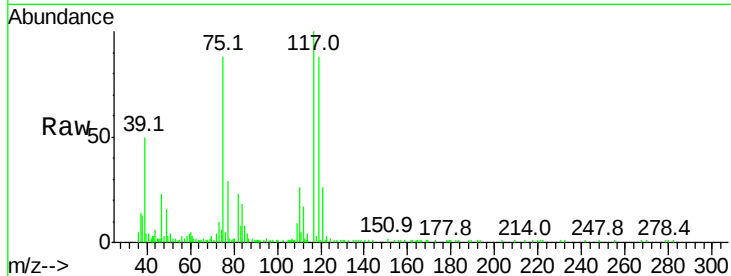
Tgt Ion:117 Resp: 21192

Ion Ratio Lower Upper

117 100

119 86.5 74.2 111.4

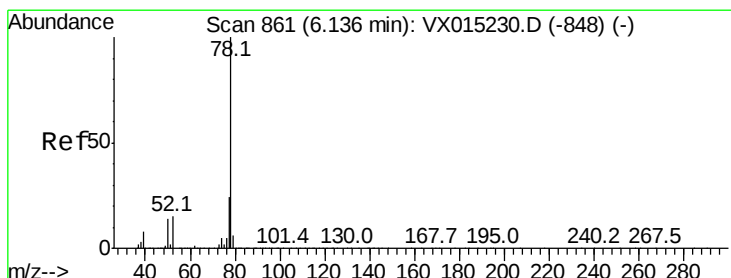
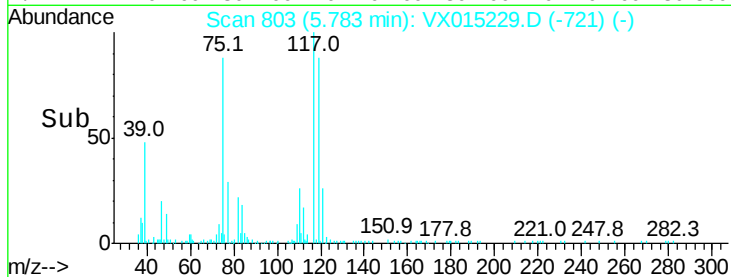
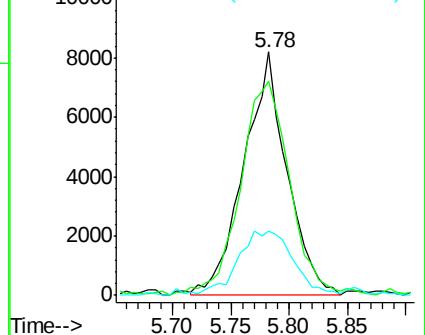
121 26.0 24.3 36.5



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

Ion 121.00 (120.70 to 121.70): V



#34

Benzene

Concen: 6.142 ug/l

RT: 6.14 min Scan# 861

Delta R.T. 0.00 min

Lab File: VX015229.D

Acq: 12 Mar 2020 11:53

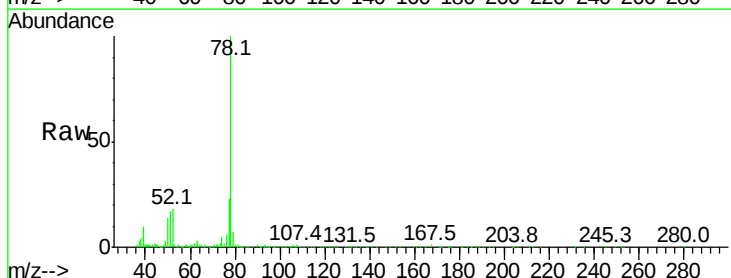
Tgt Ion: 78 Resp: 71409

Ion Ratio Lower Upper

78 100

77 23.2 19.1 28.7

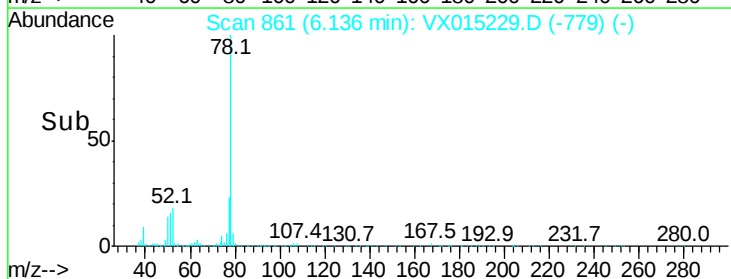
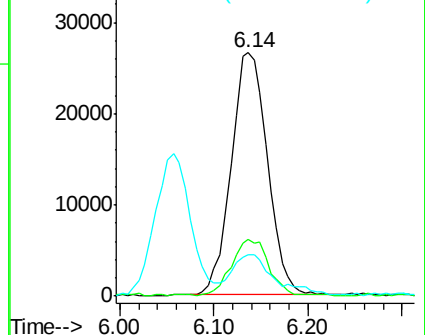
51 16.0 13.4 20.2

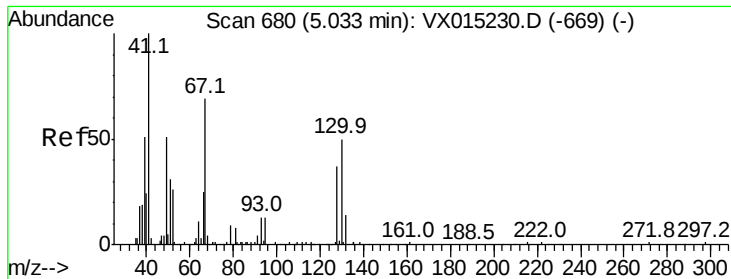


Abundance Ion 78.10 (77.80 to 78.80): VX0

Ion 77.00 (76.70 to 77.70): VX0

Ion 51.00 (50.70 to 51.70): VX0





#35

Methacrylonitrile

Concen: 5.701 ug/l

RT: 5.04 min Scan# 681

Delta R.T. 0.01 min

Lab File: VX015229.D

Acq: 12 Mar 2020 11:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 41 Resp: 12932

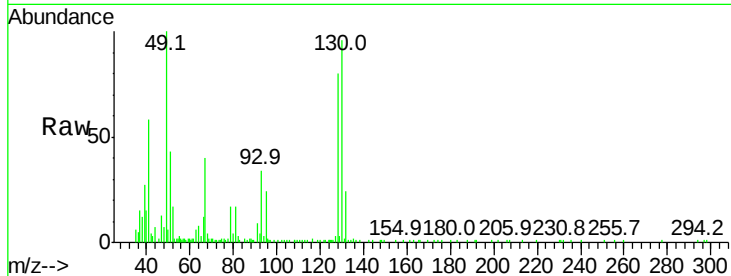
Ion Ratio Lower Upper

41 100

39 45.3 25.7 77.1

67 67.0 34.3 102.8

52 26.6 12.9 38.6

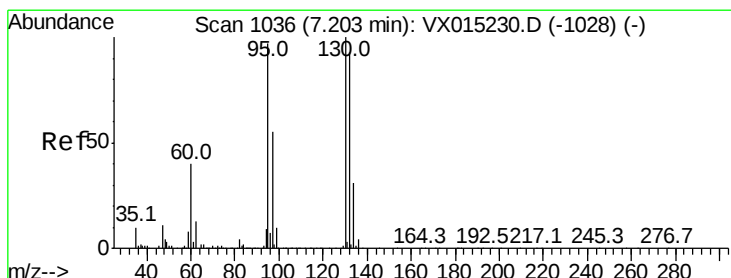
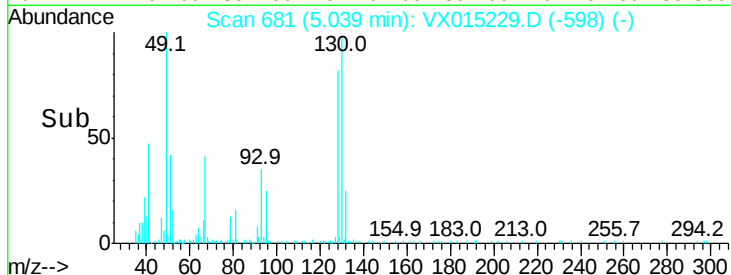
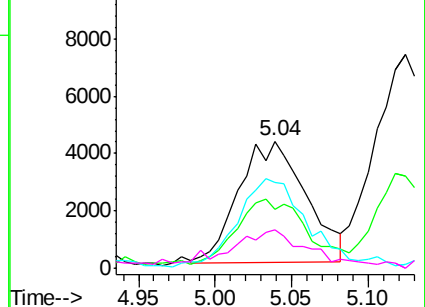


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#37

Trichloroethene

Concen: 5.927 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. 0.00 min

Lab File: VX015229.D

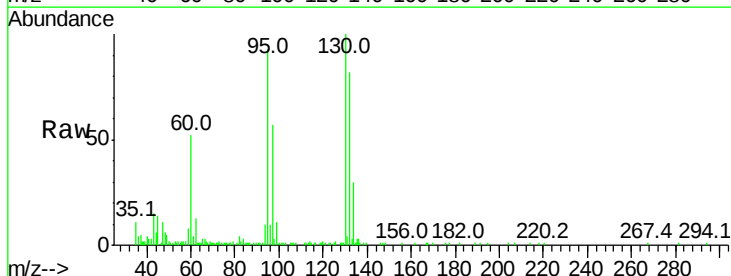
Acq: 12 Mar 2020 11:53

Tgt Ion: 130 Resp: 19347

Ion Ratio Lower Upper

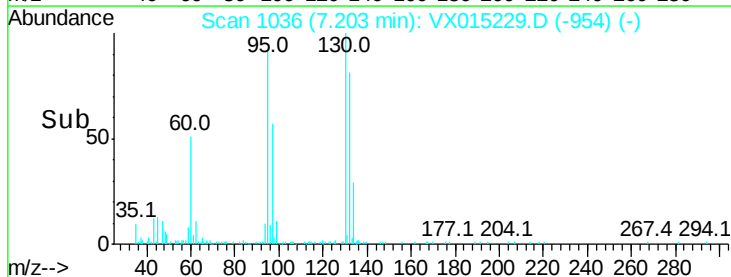
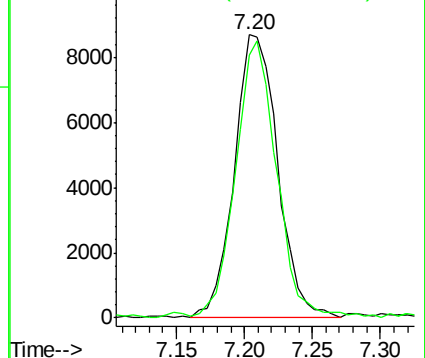
130 100

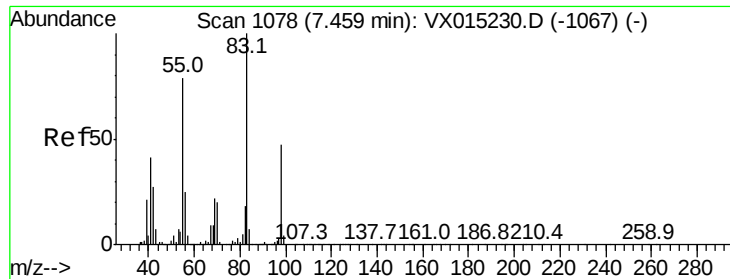
95 92.2 77.4 116.0



Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VX0

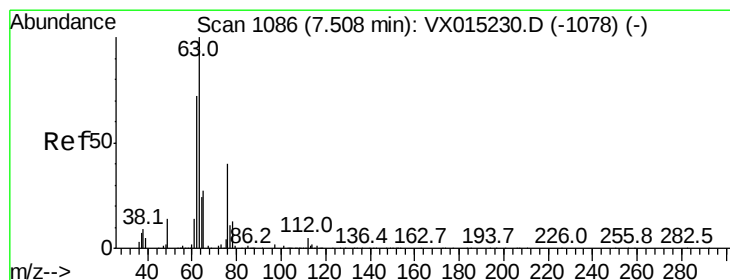
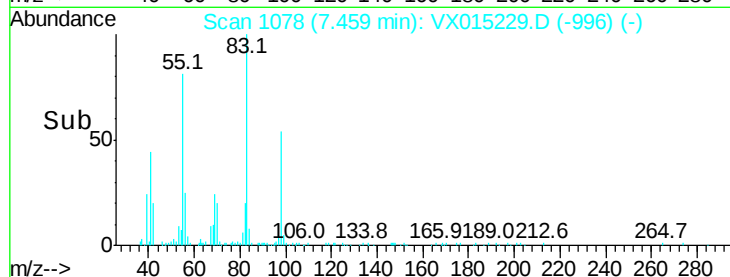
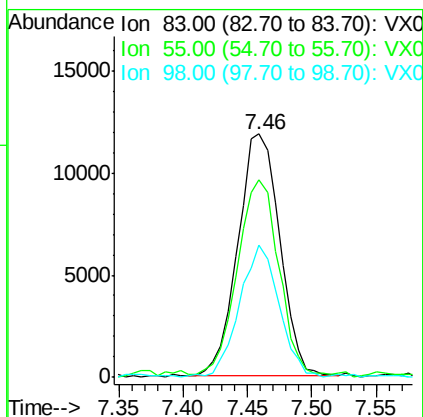
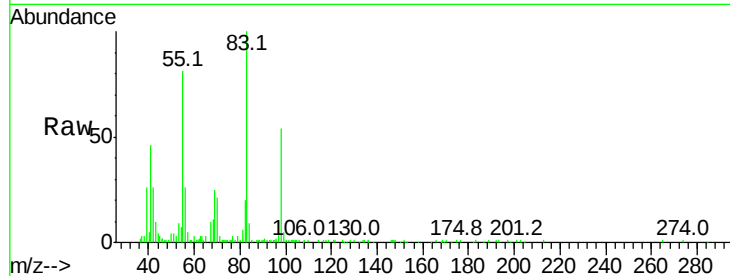




#38
Methylcyclohexane
Concen: 5.600 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.00 min
Lab File: VX015229.D
Acq: 12 Mar 2020 11:53

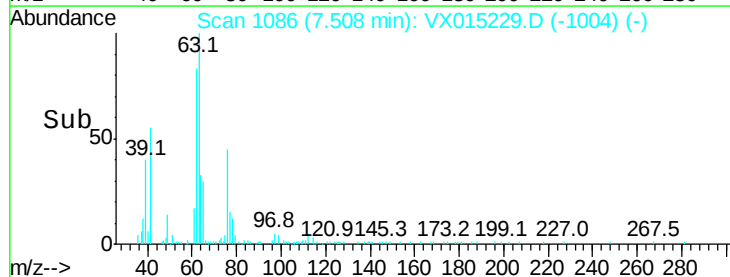
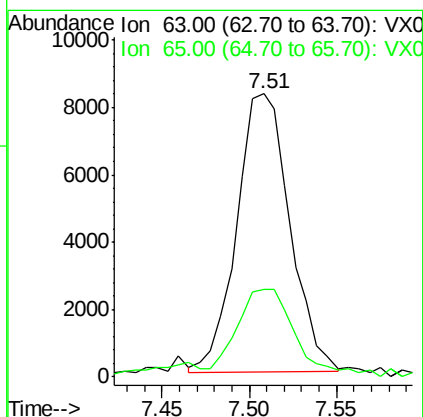
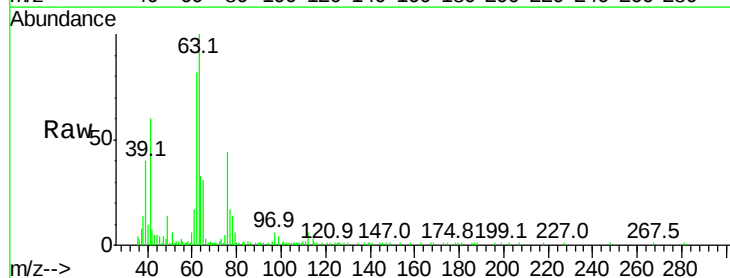
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

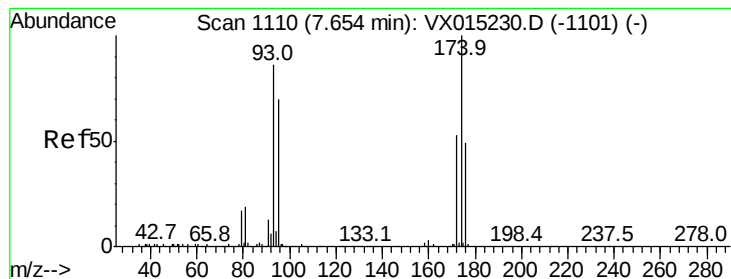
Tgt Ion: 83 Resp: 26744
Ion Ratio Lower Upper
83 100
55 79.4 39.1 117.2
98 51.3 24.4 73.2



#39
1,2-Dichloropropane
Concen: 5.821 ug/l
RT: 7.51 min Scan# 1086
Delta R.T. 0.00 min
Lab File: VX015229.D
Acq: 12 Mar 2020 11:53

Tgt Ion: 63 Resp: 17420
Ion Ratio Lower Upper
63 100
65 29.5 23.2 34.8





#40

Dibromomethane

Concen: 5.662 ug/l

RT: 7.66 min Scan# 1111

Delta R.T. 0.01 min

Lab File: VX015229.D

Acq: 12 Mar 2020 11:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

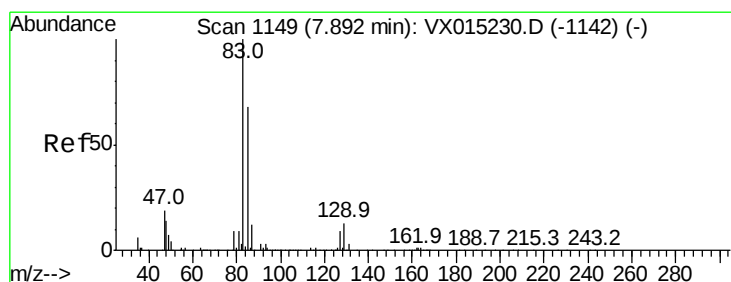
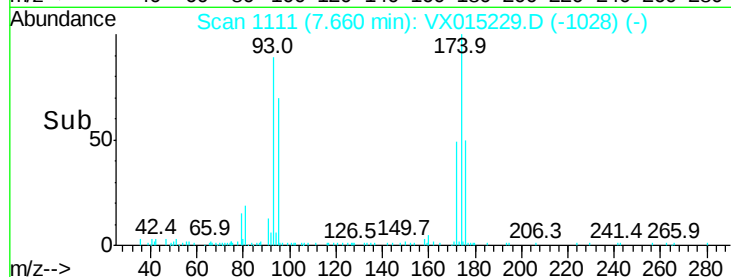
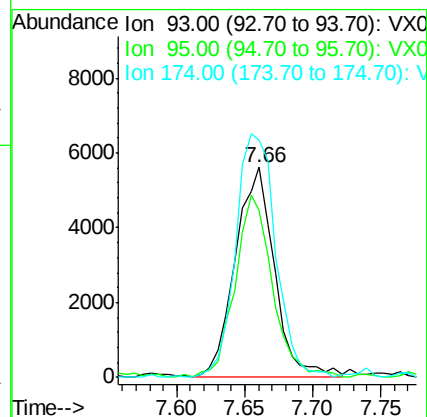
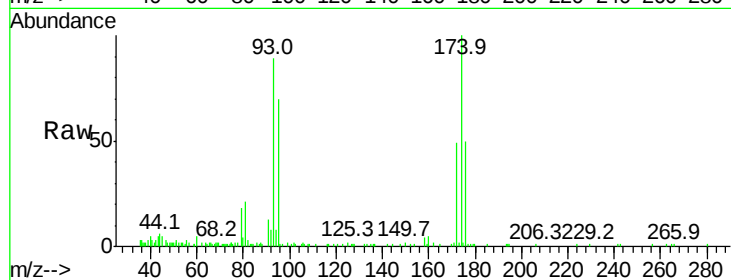
Tgt Ion: 93 Resp: 11314

Ion Ratio Lower Upper

93 100

95 81.3 0.0 162.6

174 118.0 0.0 233.6



#41

Bromodichloromethane

Concen: 5.457 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX015229.D

Acq: 12 Mar 2020 11:53

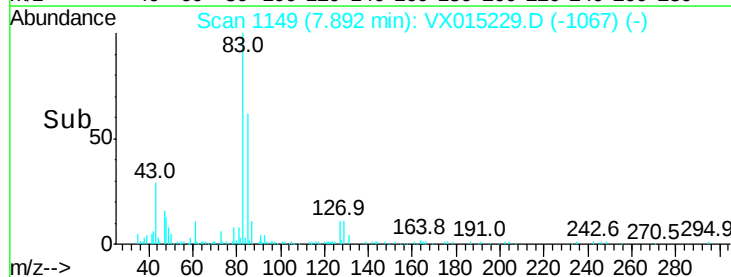
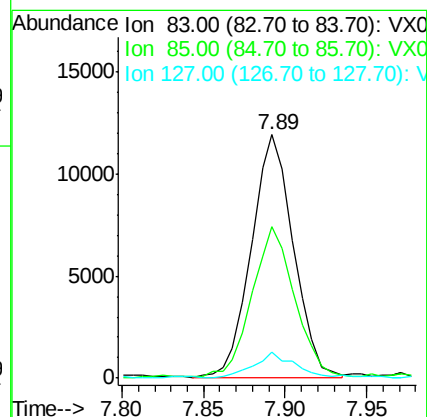
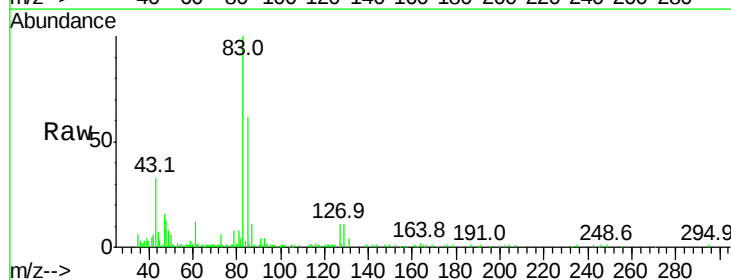
Tgt Ion: 83 Resp: 21541

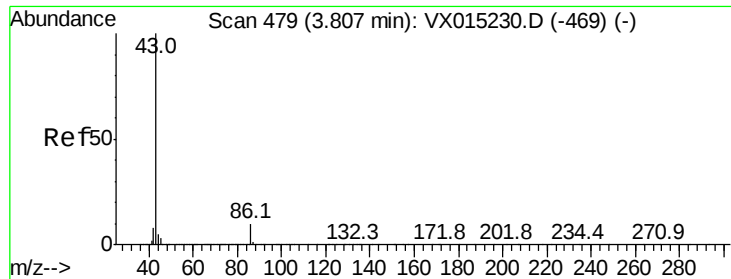
Ion Ratio Lower Upper

83 100

85 61.3 54.2 81.4

127 9.8 7.1 10.7





#42

Vinyl Acetate

Concen: 30.774 ug/l

RT: 3.81 min Scan# 479

Delta R.T. 0.00 min

Lab File: VX015229.D

Acq: 12 Mar 2020 11:53

Instrument :

MSVOA_X

ClientSampleId :

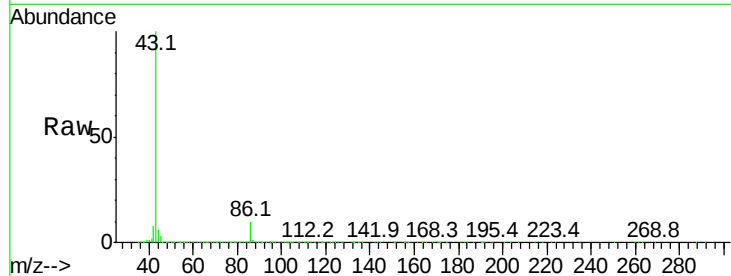
VSTDIC005

Tgt Ion: 43 Resp: 240885

Ion Ratio Lower Upper

43 100

86 9.2 7.4 11.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.81

100000

80000

60000

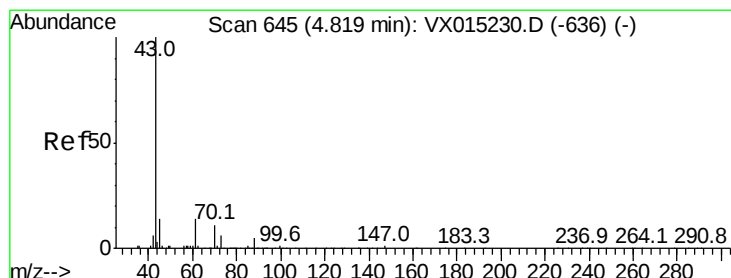
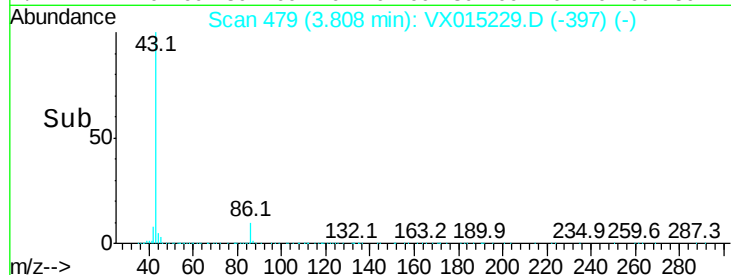
40000

20000

0

Time-->

3.70 3.80 3.90



#43

Ethyl Acetate

Concen: 5.581 ug/l

RT: 4.83 min Scan# 647

Delta R.T. 0.01 min

Lab File: VX015229.D

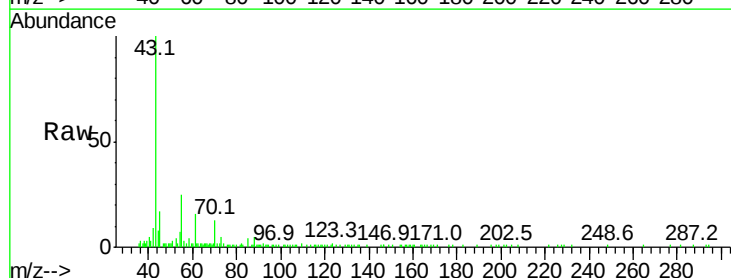
Acq: 12 Mar 2020 11:53

Tgt Ion: 43 Resp: 22458

Ion Ratio Lower Upper

43 100

45 8.9 11.7 17.5#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 45.00 (44.70 to 45.70): VX0

4.83

12000

10000

8000

6000

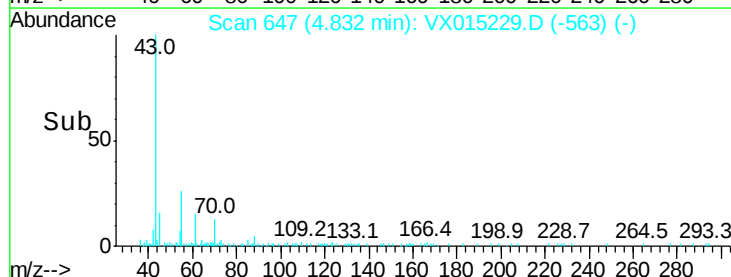
4000

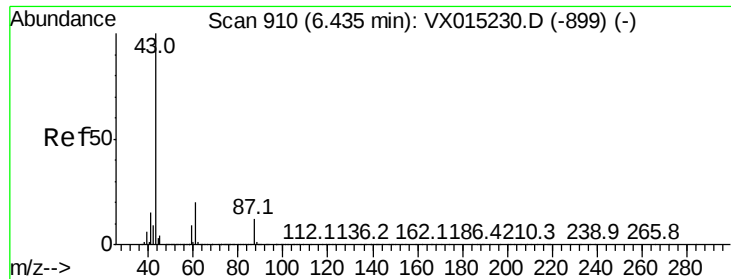
2000

0

Time-->

4.70 4.80 4.90





#44

Isopropyl Acetate

Concen: 5.656 ug/l

RT: 6.44 min Scan# 911

Delta R.T. 0.01 min

Lab File: VX015229.D

Acq: 12 Mar 2020 11:53

Instrument :

MSVOA_X

ClientSampleId :

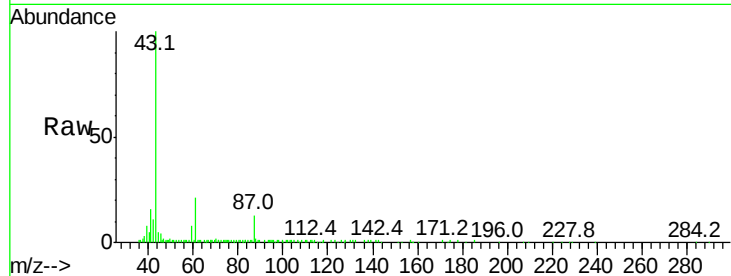
VSTDIC005

Tgt Ion: 43 Resp: 38260

Ion Ratio Lower Upper

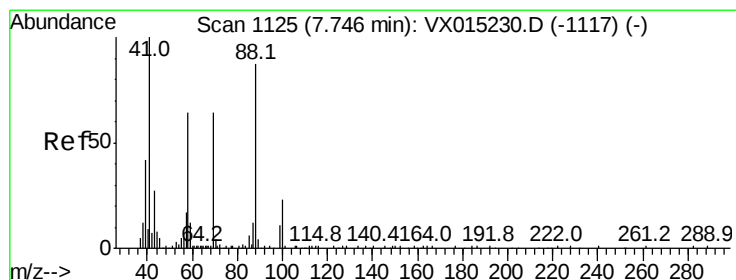
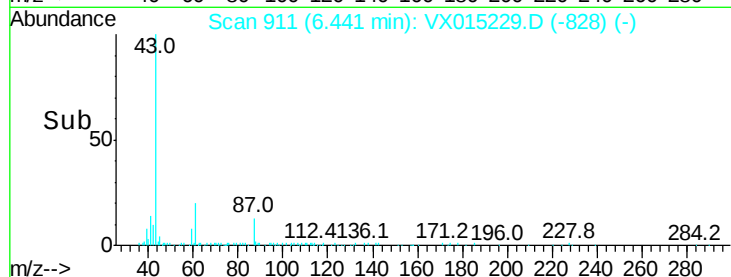
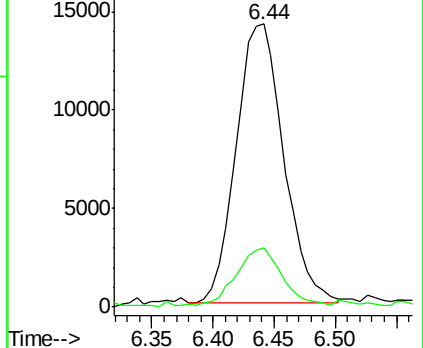
43 100

61 19.7 17.0 25.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0



#45

1,4-Dioxane

Concen: 109.961 ug/l

RT: 7.75 min Scan# 1125

Delta R.T. 0.00 min

Lab File: VX015229.D

Acq: 12 Mar 2020 11:53

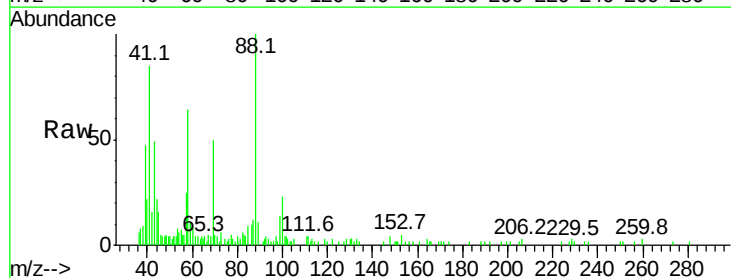
Tgt Ion: 88 Resp: 6873

Ion Ratio Lower Upper

88 100

43 27.4 26.4 39.6

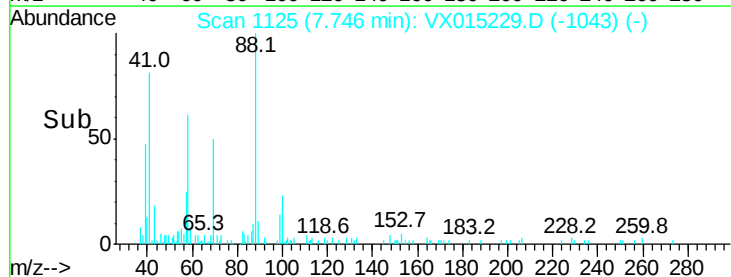
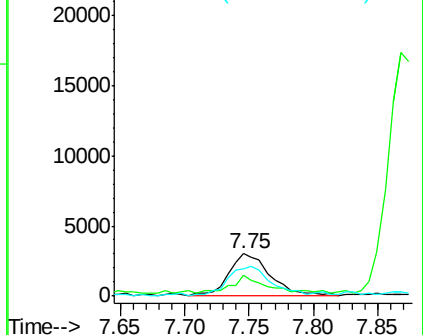
58 73.1 57.3 85.9

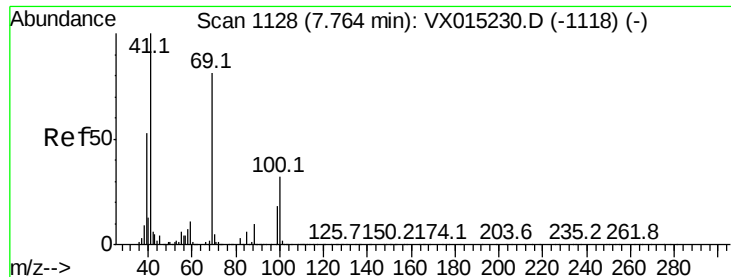


Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

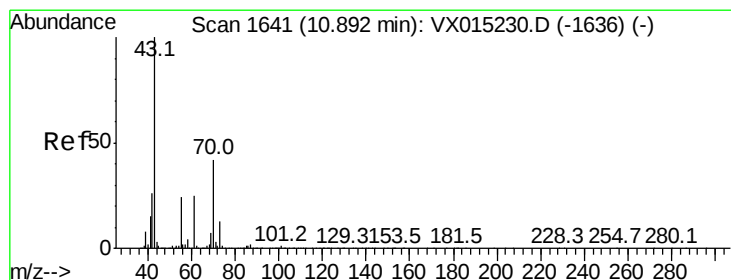
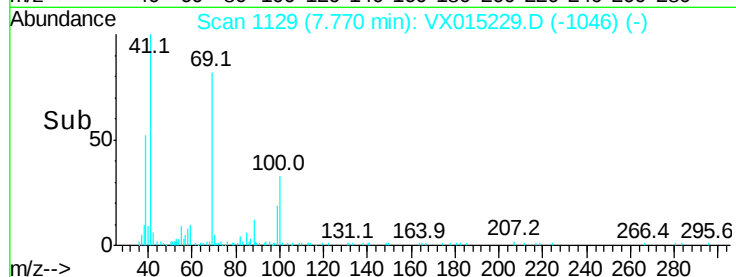
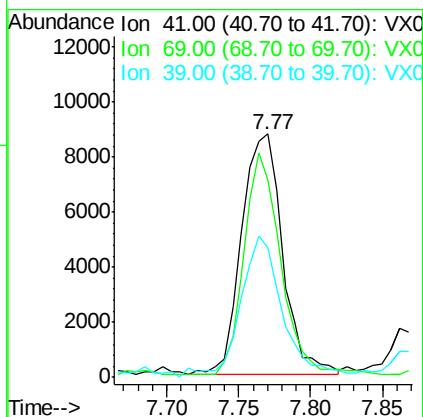
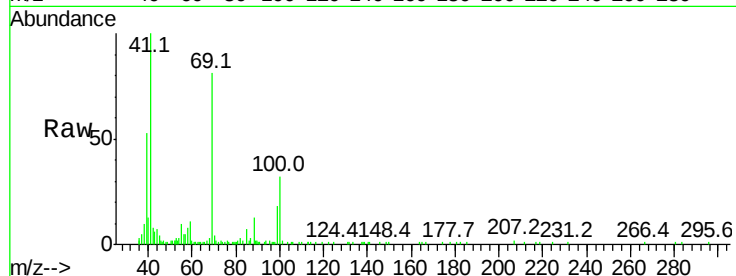




#46
Methyl methacrylate
Concen: 5.099 ug/l
RT: 7.77 min Scan# 1129
Delta R.T. 0.01 min
Lab File: VX015229.D
Acq: 12 Mar 2020 11:53

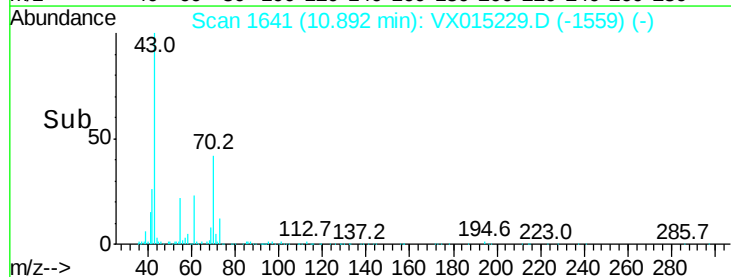
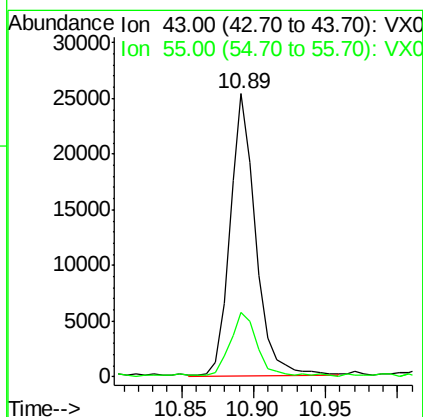
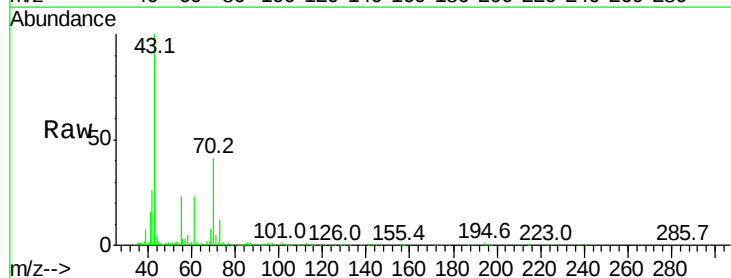
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

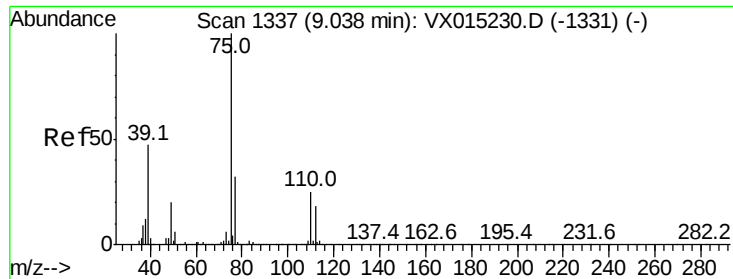
Tgt Ion: 41 Resp: 17063
Ion Ratio Lower Upper
41 100
69 81.2 40.5 121.4
39 51.1 26.6 79.8



#47
n-ethyl acetate
Concen: 5.412 ug/l
RT: 10.89 min Scan# 1641
Delta R.T. 0.00 min
Lab File: VX015229.D
Acq: 12 Mar 2020 11:53

Tgt Ion: 43 Resp: 31717
Ion Ratio Lower Upper
43 100
55 22.7 20.4 30.6





#48

t-1,3-Dichloropropene

Concen: 4.919 ug/l

RT: 9.04 min Scan# 1337

Delta R.T. 0.00 min

Lab File: VX015229.D

Acq: 12 Mar 2020 11:53

Instrument :

MSVOA_X

ClientSampleId :

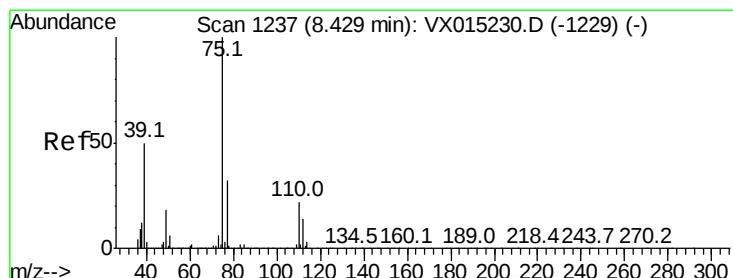
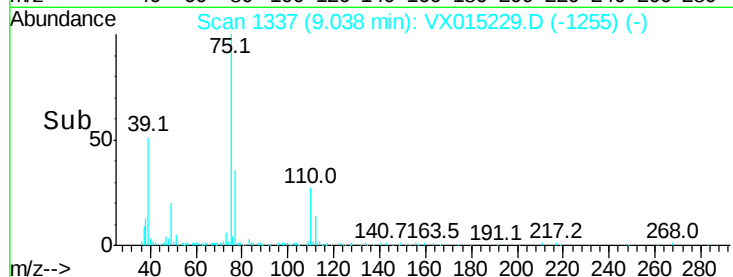
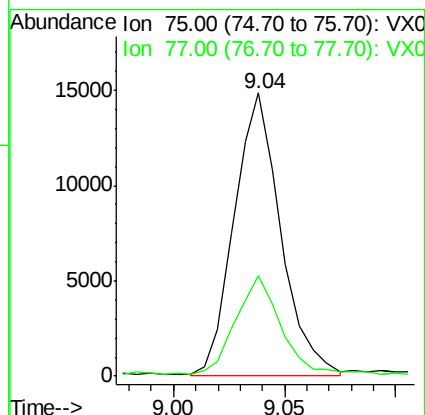
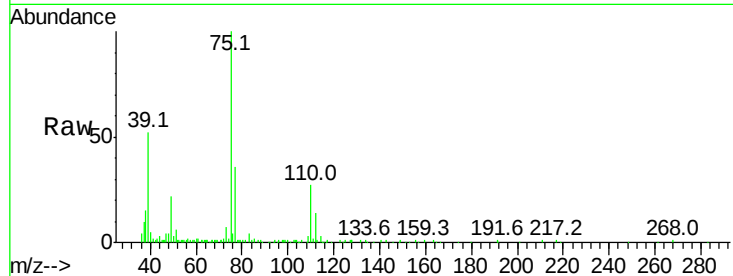
VSTDIC005

Tgt Ion: 75 Resp: 21542

Ion Ratio Lower Upper

75 100

77 35.0 25.1 37.7



#49

cis-1,3-Dichloropropene

Concen: 5.253 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. 0.00 min

Lab File: VX015229.D

Acq: 12 Mar 2020 11:53

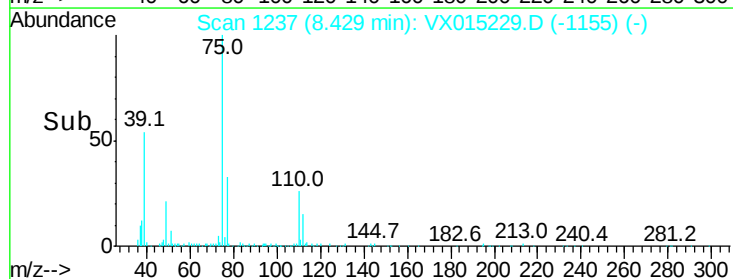
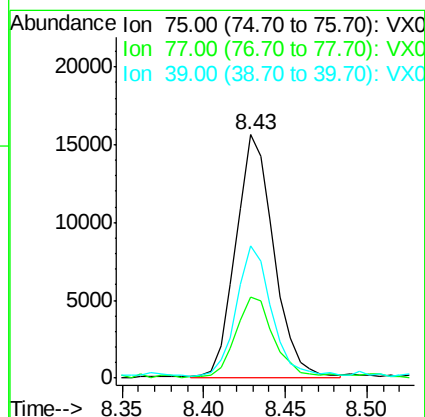
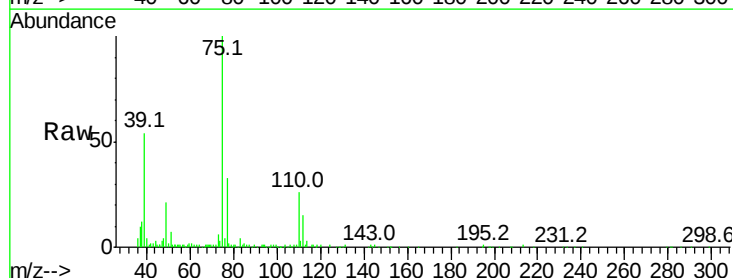
Tgt Ion: 75 Resp: 25325

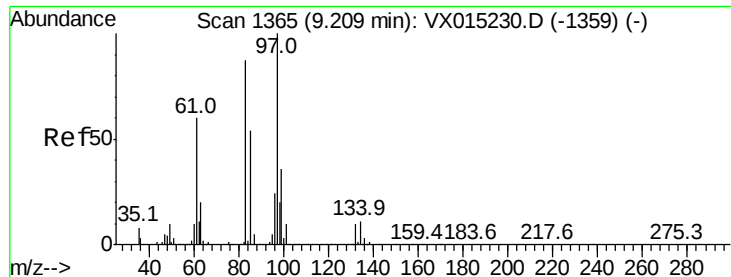
Ion Ratio Lower Upper

75 100

77 32.6 25.3 37.9

39 54.0 39.8 59.6

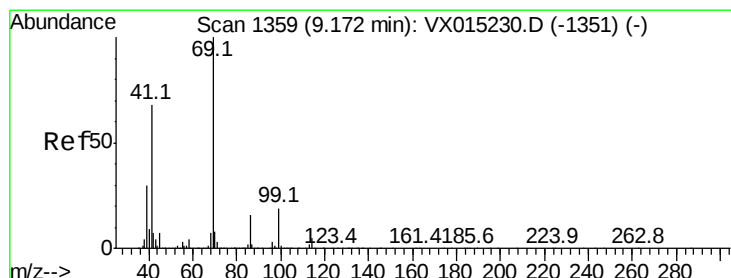
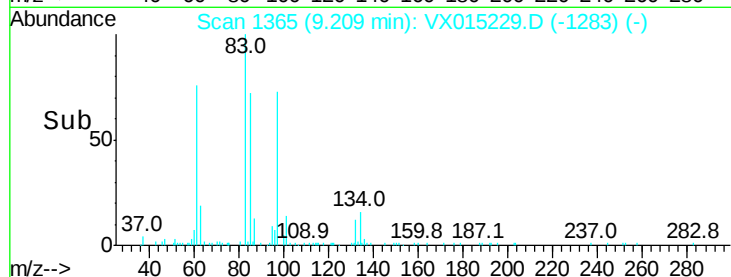
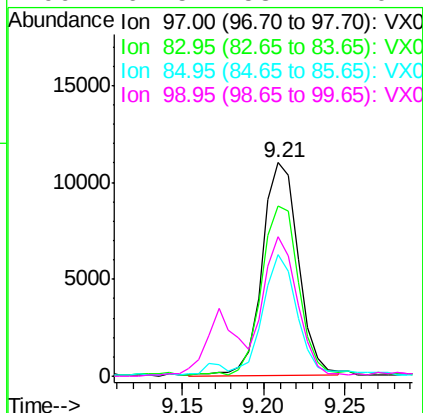
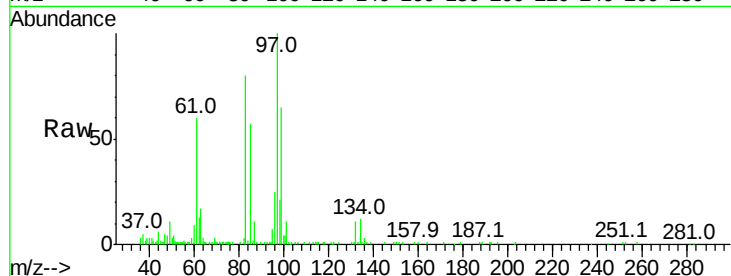




#50
 1,1,2-Trichloroethane
 Concen: 5.700 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX015229.D
 Acq: 12 Mar 2020 11:53

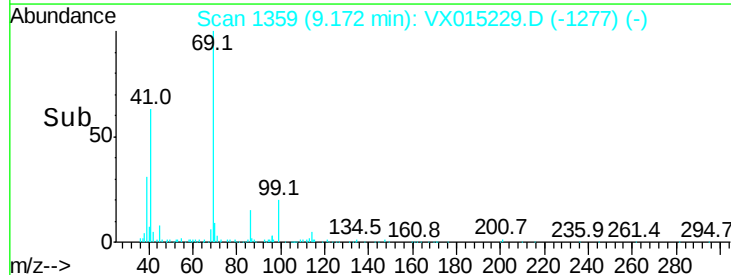
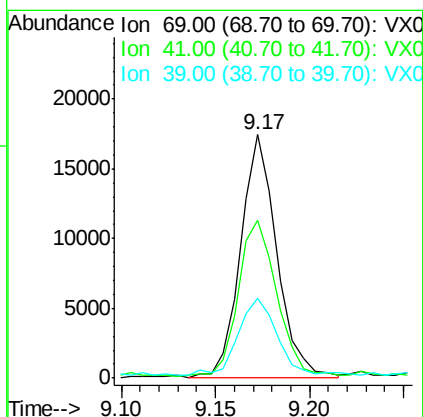
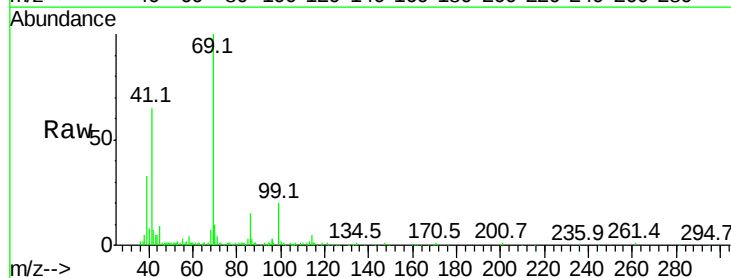
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

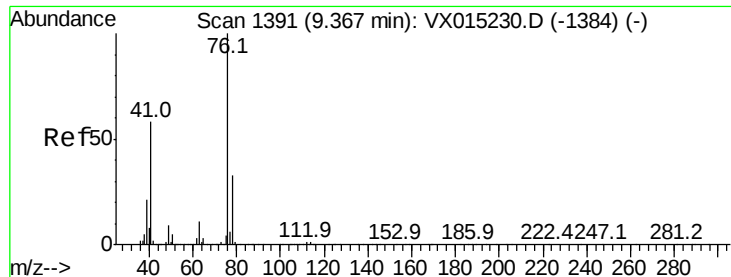
Tgt Ion:	97	Resp:	16970
Ion	Ratio	Lower	Upper
97	100		
83	79.7	69.7	104.5
85	56.1	45.4	68.0
99	64.5	53.1	79.7



#51
 Ethyl methacrylate
 Concen: 5.092 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX015229.D
 Acq: 12 Mar 2020 11:53

Tgt Ion:	69	Resp:	23398
Ion	Ratio	Lower	Upper
69	100		
41	63.7	33.8	101.3
39	31.5	15.1	45.3





#52

1,3-Dichloropropane

Concen: 5.592 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX015229.D

Acq: 12 Mar 2020 11:53

Instrument :

MSVOA_X

ClientSampleId :

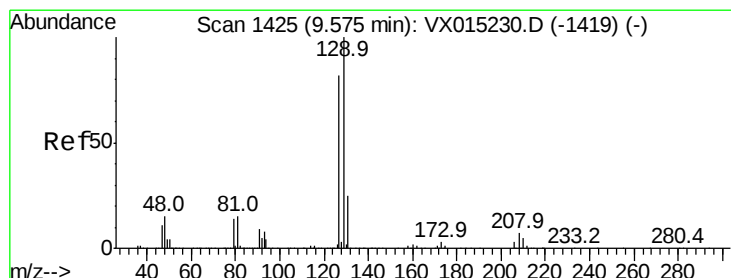
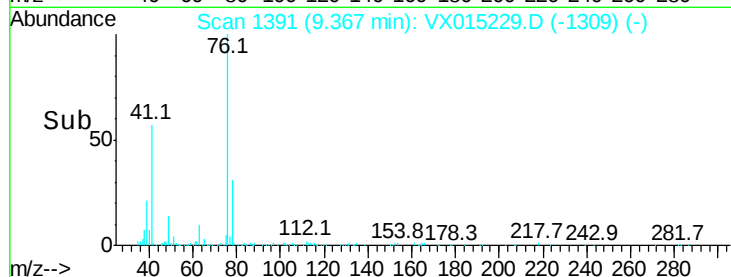
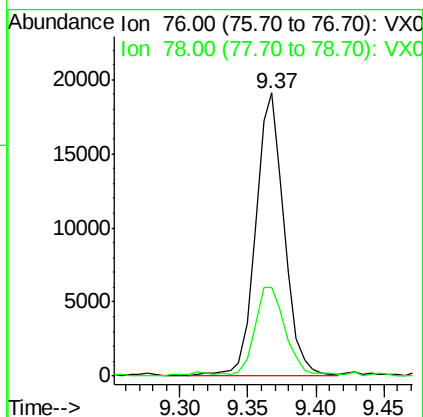
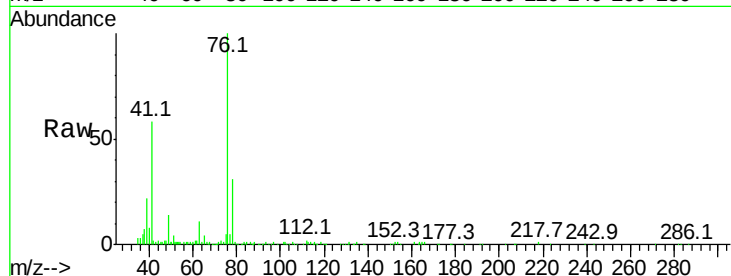
VSTDIC005

Tgt Ion: 76 Resp: 28163

Ion Ratio Lower Upper

76 100

78 32.7 0.0 65.2



#53

Dibromochloromethane

Concen: 5.103 ug/l

RT: 9.57 min Scan# 1425

Delta R.T. 0.00 min

Lab File: VX015229.D

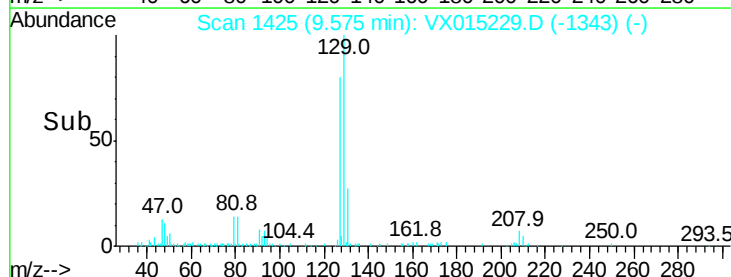
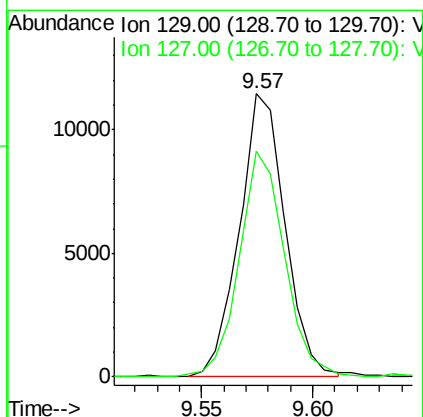
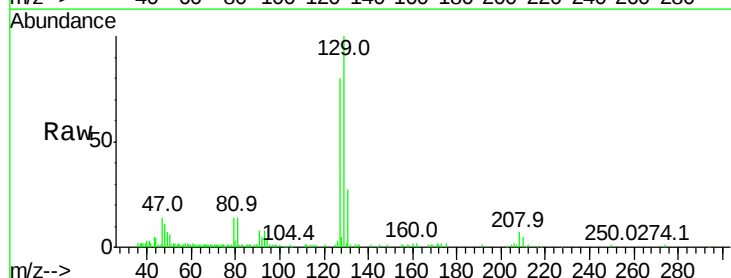
Acq: 12 Mar 2020 11:53

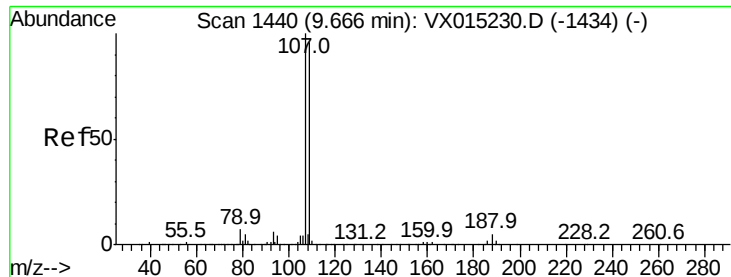
Tgt Ion: 129 Resp: 16424

Ion Ratio Lower Upper

129 100

127 78.9 40.4 121.1





#54

1,2-Dibromoethane

Concen: 5.183 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX015229.D

Acq: 12 Mar 2020 11:53

Instrument :

MSVOA_X

ClientSampleId :

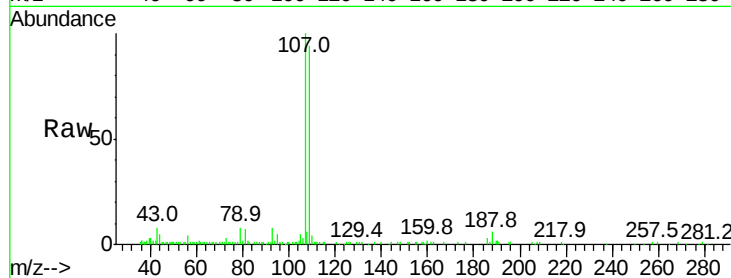
VSTDIC005

Tgt Ion:107 Resp: 16383

Ion Ratio Lower Upper

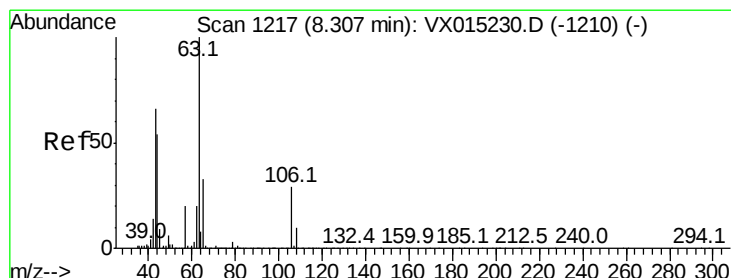
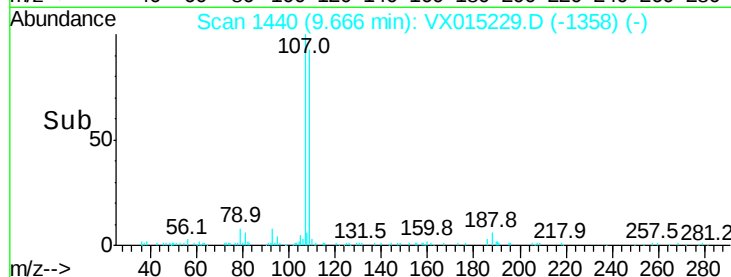
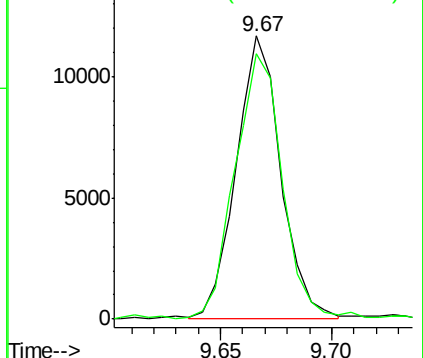
107 100

109 98.8 75.0 112.4



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V



#55

2-Chloroethyl vinyl ether

Concen: 23.445 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. 0.00 min

Lab File: VX015229.D

Acq: 12 Mar 2020 11:53

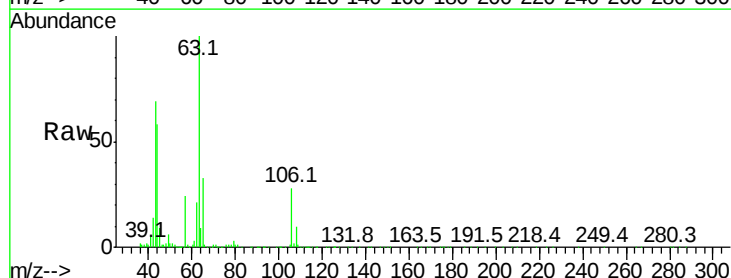
Tgt Ion: 63 Resp: 57385

Ion Ratio Lower Upper

63 100

65 32.8 25.6 38.4

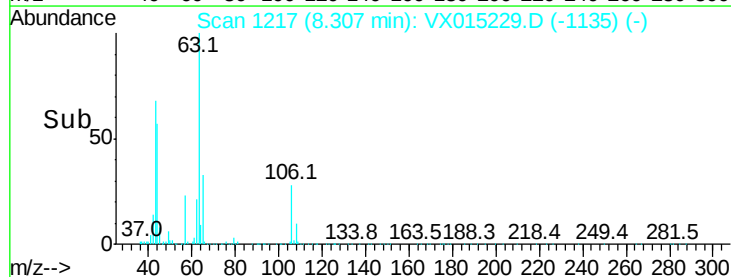
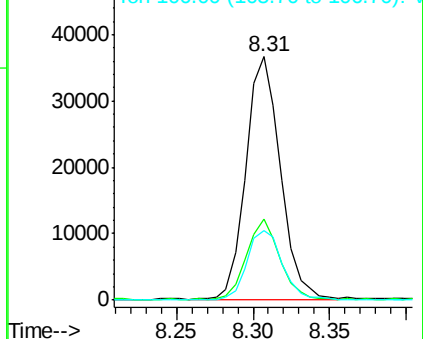
106 29.5 23.0 34.4

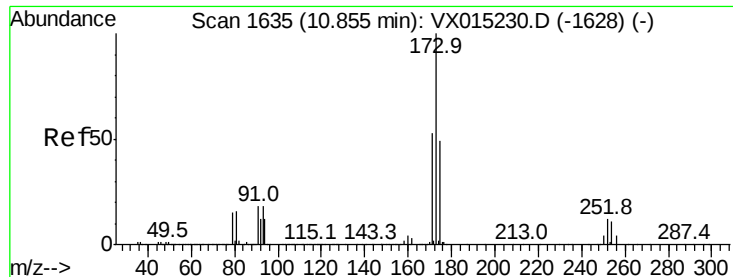


Abundance Ion 63.00 (62.70 to 63.70): VX0

Ion 65.00 (64.70 to 65.70): VX0

Ion 106.00 (105.70 to 106.70): V

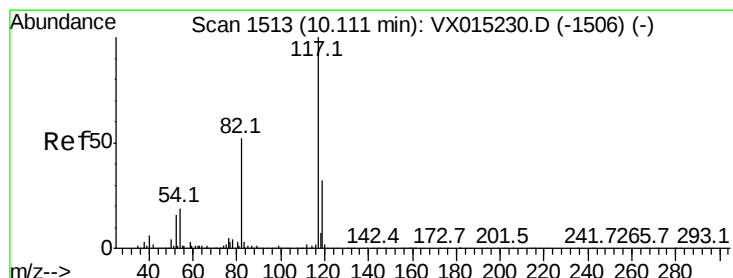
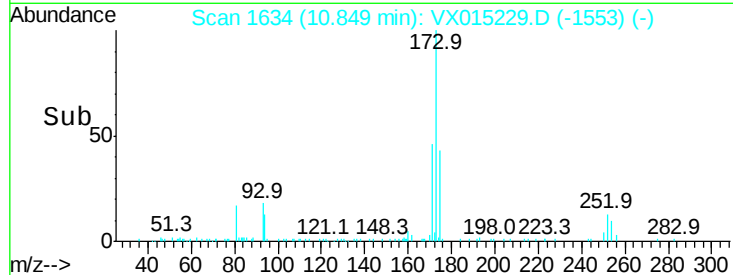
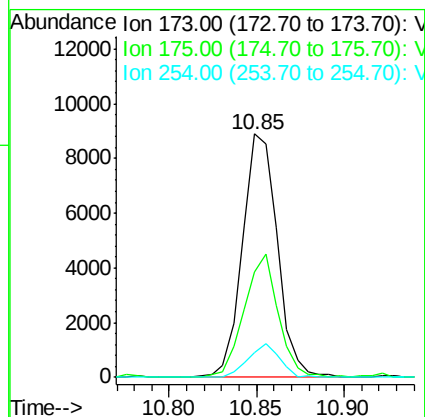
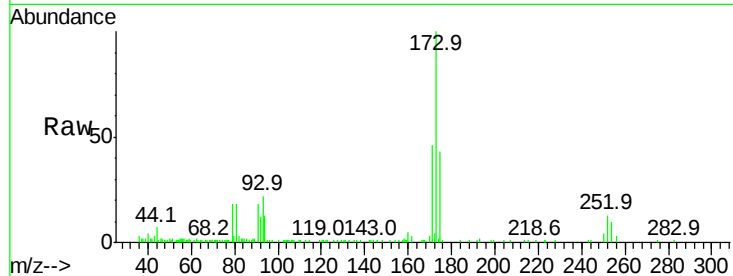




#56
Bromoform
Concen: 4.921 ug/l
RT: 10.85 min Scan# 1634
Delta R.T. -0.01 min
Lab File: VX015229.D
Acq: 12 Mar 2020 11:53

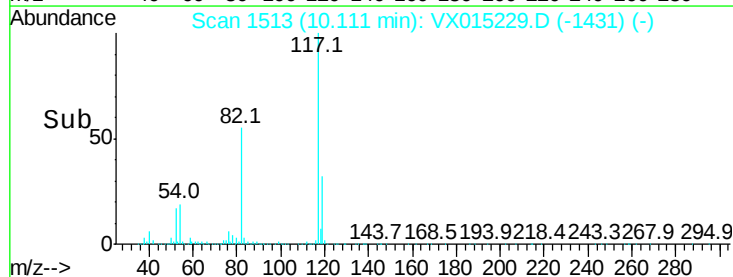
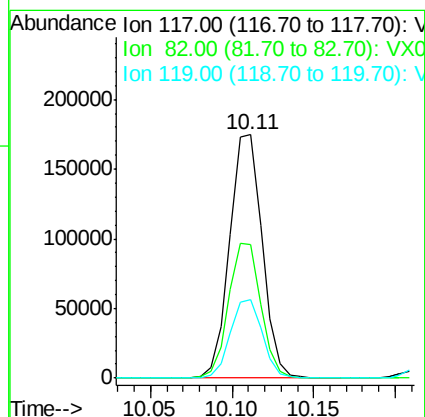
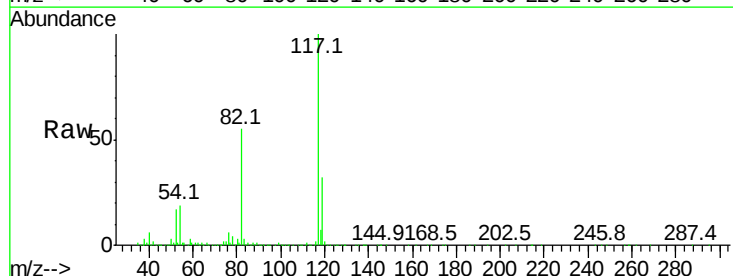
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

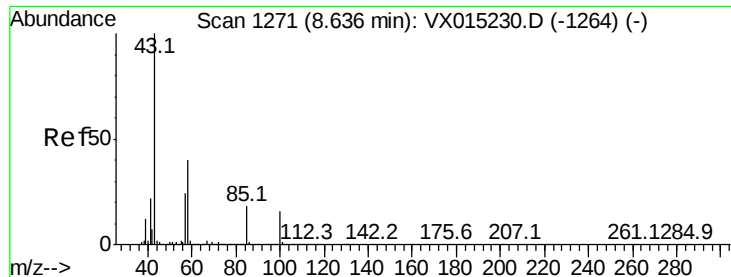
Tgt Ion	Ratio	Lower	Upper
173	100		
175	49.2	38.9	58.3
254	12.0	9.1	13.7



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX015229.D
Acq: 12 Mar 2020 11:53

Tgt Ion	Ratio	Lower	Upper
117	100		
82	55.3	43.2	64.8
119	32.0	25.8	38.8

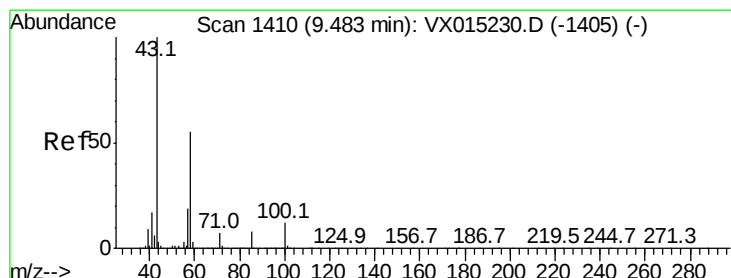
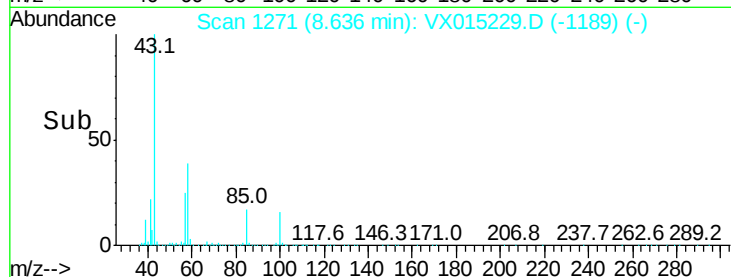
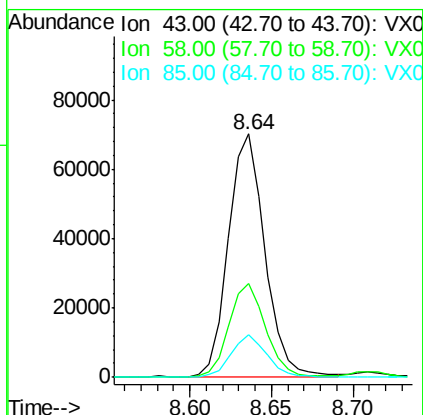
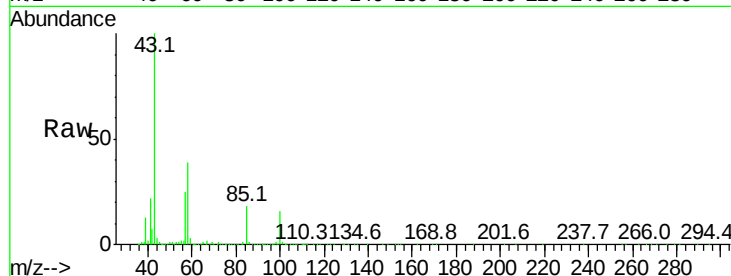




#58
 4-Methyl-2-Pentanone
 Concen: 27.332 ug/l
 RT: 8.64 min Scan# 1271
 Delta R.T. 0.00 min
 Lab File: VX015229.D
 Acq: 12 Mar 2020 11:53

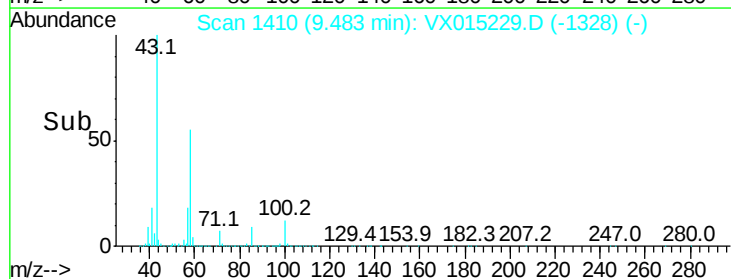
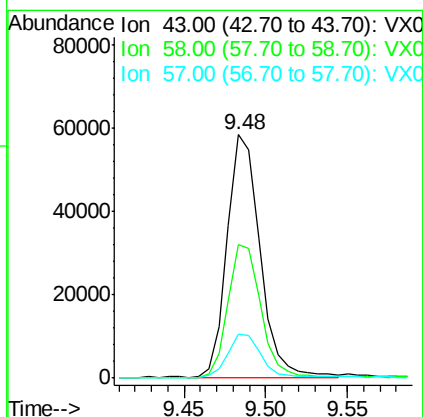
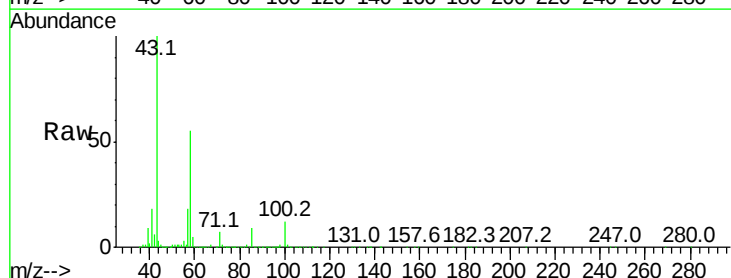
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

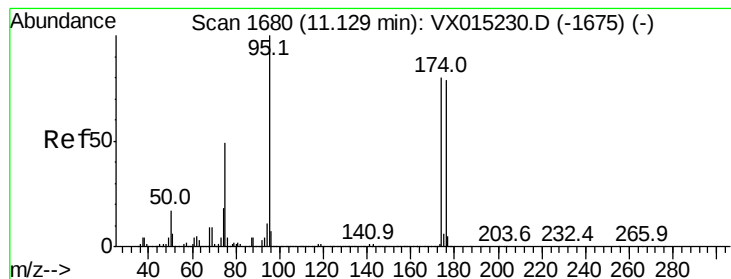
Tgt Ion:	43	Resp:	108789
Ion	Ratio	Lower	Upper
43	100		
58	39.0	31.6	47.4
85	17.2	13.8	20.8



#59
 2-Hexanone
 Concen: 26.256 ug/l
 RT: 9.48 min Scan# 1410
 Delta R.T. 0.00 min
 Lab File: VX015229.D
 Acq: 12 Mar 2020 11:53

Tgt Ion:	43	Resp:	81655
Ion	Ratio	Lower	Upper
43	100		
58	55.8	44.6	66.8
57	18.2	14.6	21.8





#60

4-Bromofluorobenzene

Concen: 30.009 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.00 min

Lab File: VX015229.D

Acq: 12 Mar 2020 11:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

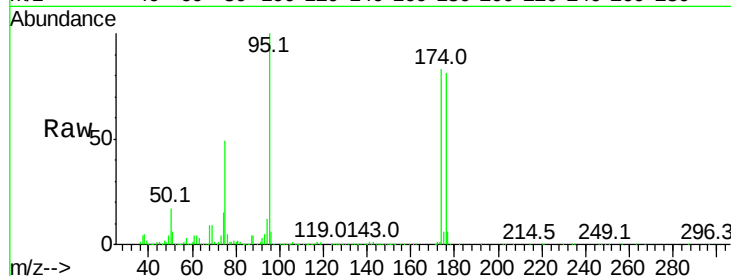
Tgt Ion: 95 Resp: 113511

Ion Ratio Lower Upper

95 100

174 90.6 72.0 108.0

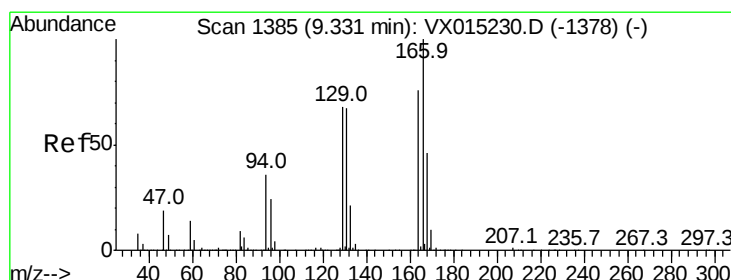
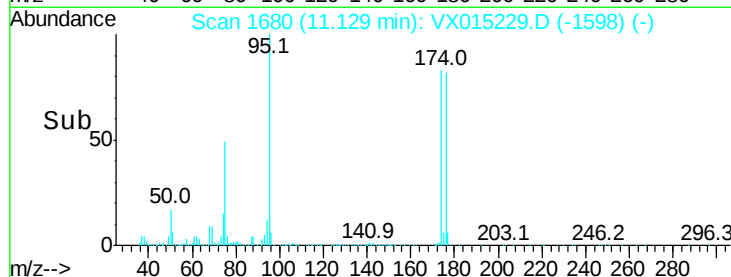
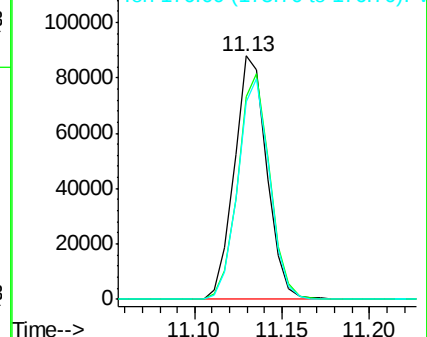
176 88.5 70.1 105.1



Abundance Ion 95.00 (94.70 to 95.70): VX015229.D (-1598) (-)

Ion 174.00 (173.70 to 174.70): VX015229.D (-1598) (-)

Ion 176.00 (175.70 to 176.70): VX015229.D (-1598) (-)



#61

Tetrachloroethene

Concen: 5.993 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VX015229.D

Acq: 12 Mar 2020 11:53

Tgt Ion: 164 Resp: 19550

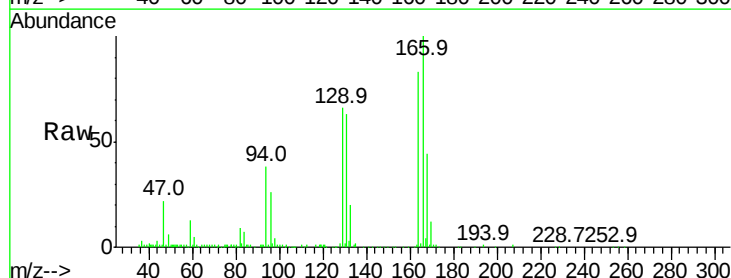
Ion Ratio Lower Upper

164 100

166 120.1 105.1 157.7

129 78.3 71.5 107.3

131 75.3 69.9 104.9

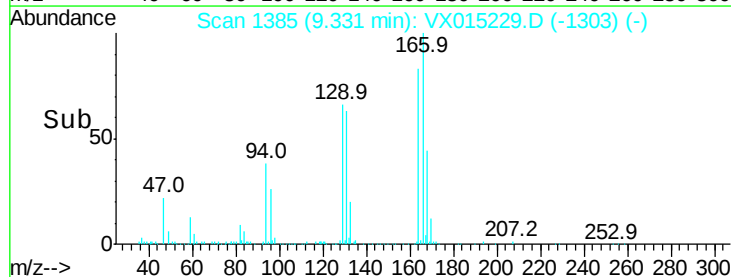
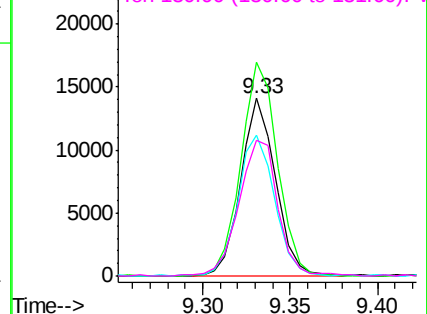


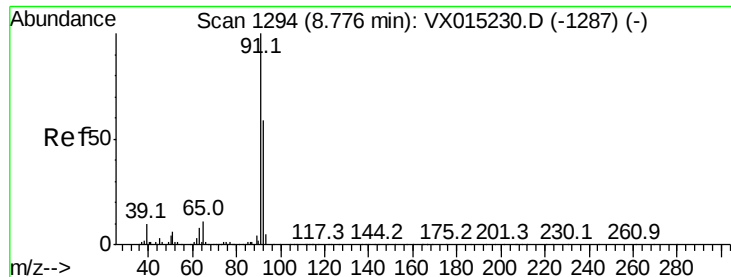
Abundance Ion 163.85 (163.55 to 164.55): VX015229.D (-1303) (-)

Ion 165.80 (165.50 to 166.50): VX015229.D (-1303) (-)

Ion 128.90 (128.60 to 129.60): VX015229.D (-1303) (-)

Ion 130.90 (130.60 to 131.60): VX015229.D (-1303) (-)





#62

Toluene

Concen: 5.806 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. 0.01 min

Lab File: VX015229.D

Acq: 12 Mar 2020 11:53

Instrument :

MSVOA_X

ClientSampleId :

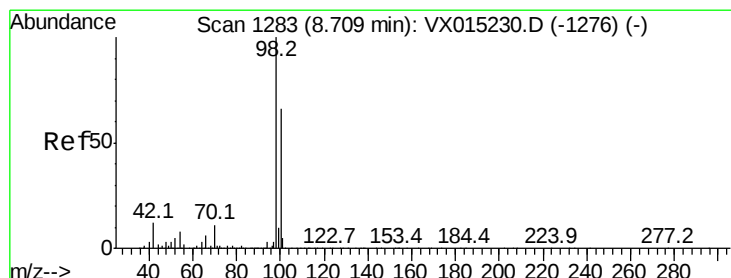
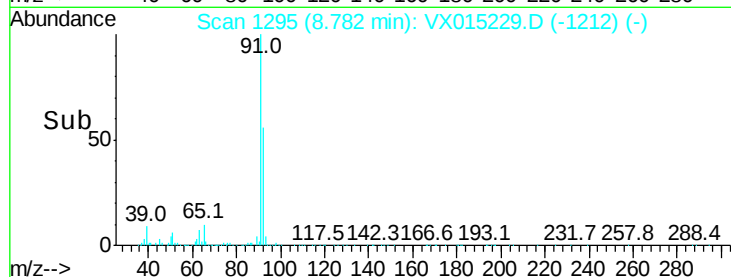
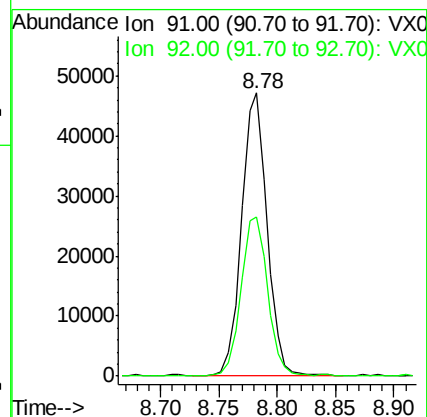
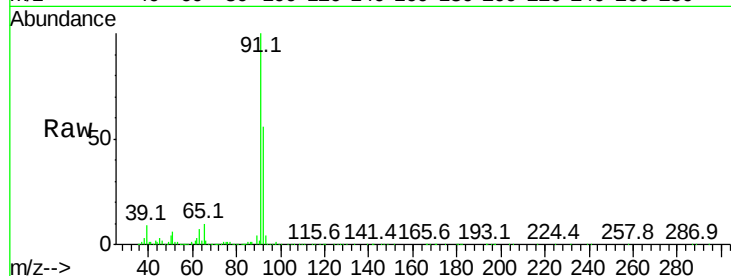
VSTDIC005

Tgt Ion: 91 Resp: 72227

Ion Ratio Lower Upper

91 100

92 58.3 47.1 70.7



#63

Toluene-d8

Concen: 30.103 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX015229.D

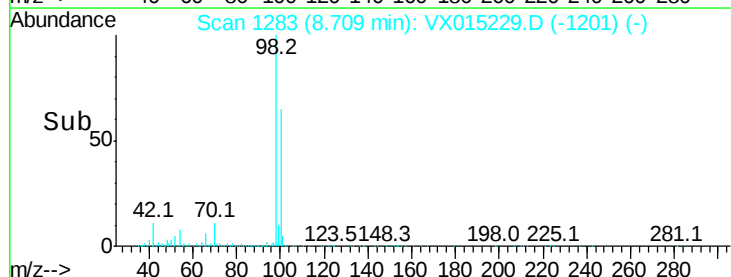
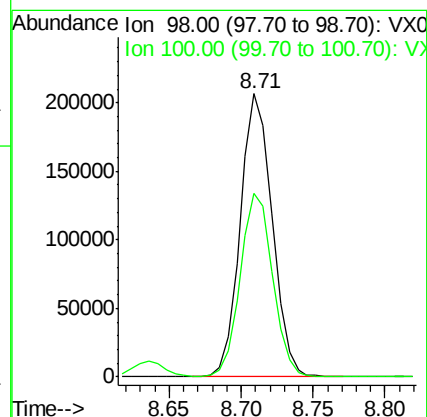
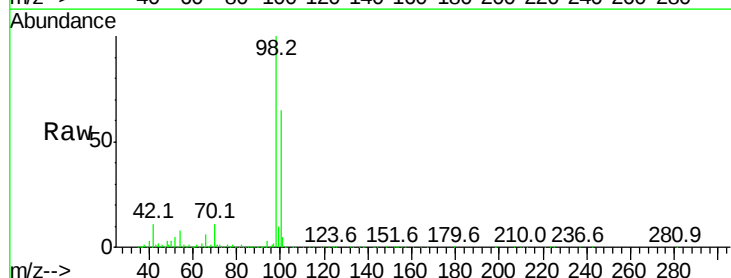
Acq: 12 Mar 2020 11:53

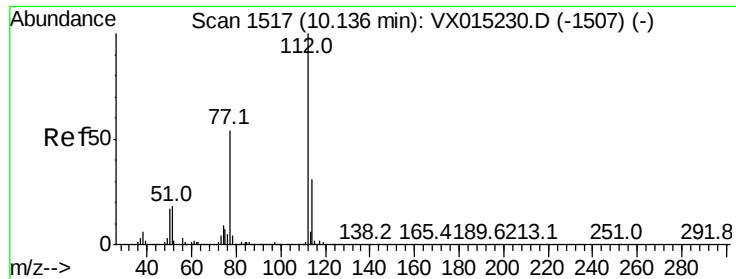
Tgt Ion: 98 Resp: 318823

Ion Ratio Lower Upper

98 100

100 65.3 53.0 79.4





#64

Chlorobenzene

Concen: 5.662 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. 0.00 min

Lab File: VX015229.D

Acq: 12 Mar 2020 11:53

Instrument :

MSVOA_X

ClientSampleId :

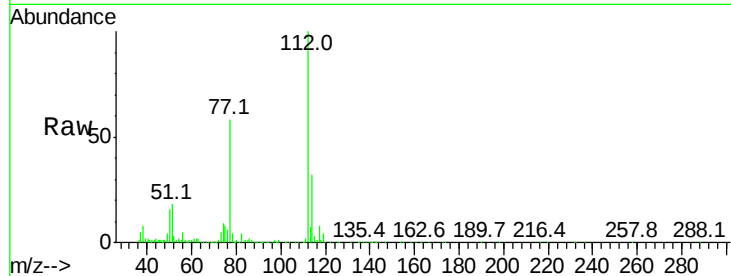
VSTDIC005

Tgt Ion:112 Resp: 44953

Ion Ratio Lower Upper

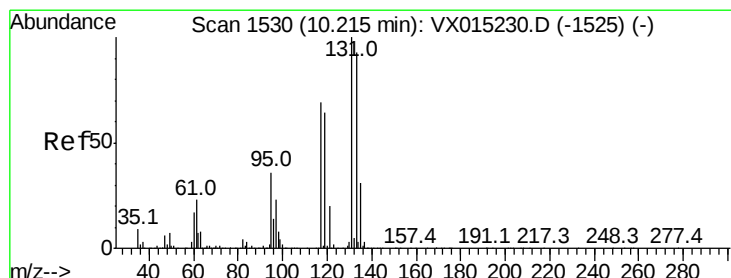
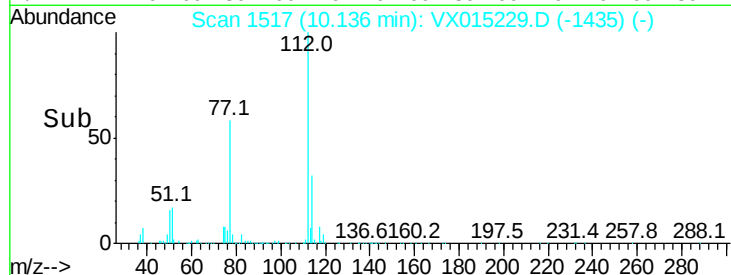
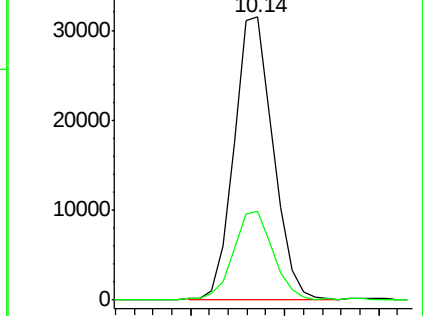
112 100

114 31.4 24.8 37.2



Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V



#65

1,1,1,2-Tetrachloroethane

Concen: 5.549 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX015229.D

Acq: 12 Mar 2020 11:53

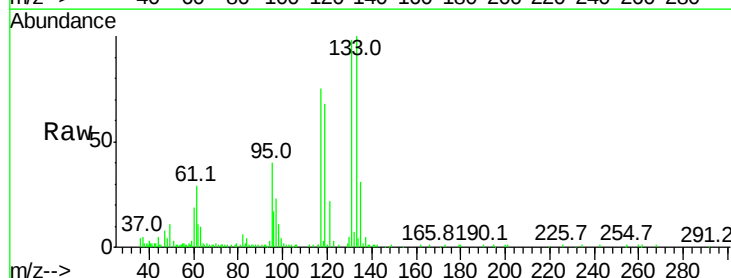
Tgt Ion:131 Resp: 16321

Ion Ratio Lower Upper

131 100

133 95.9 0.0 188.0

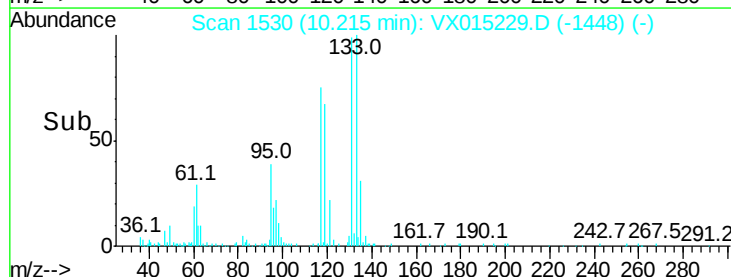
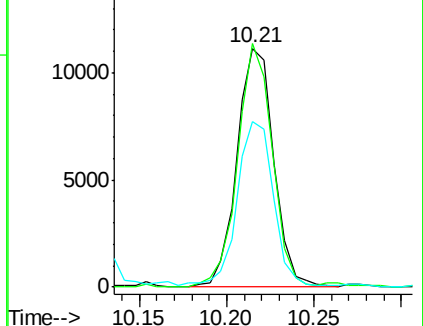
119 68.9 0.0 131.0

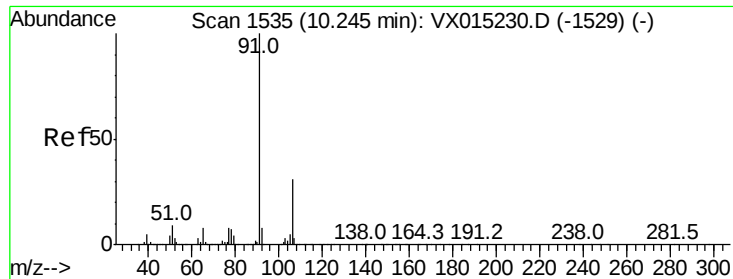


Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V





#66

Ethyl Benzene

Concen: 5.511 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX015229.D

Acq: 12 Mar 2020 11:53

Instrument :

MSVOA_X

ClientSampleId :

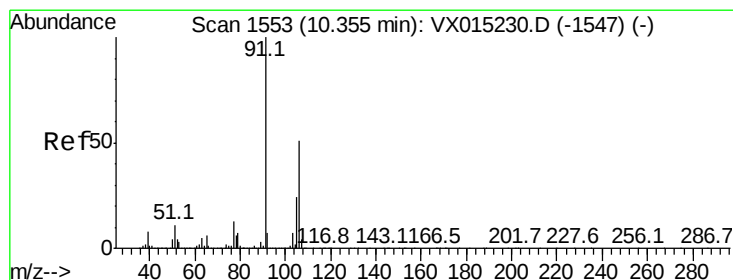
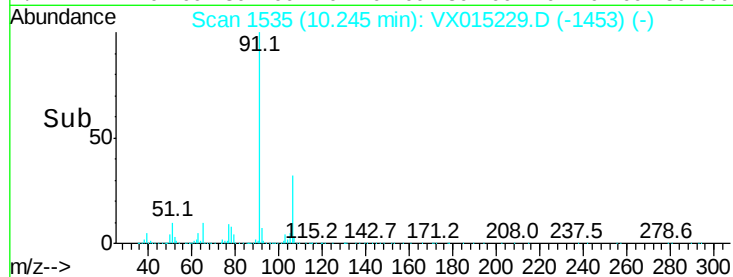
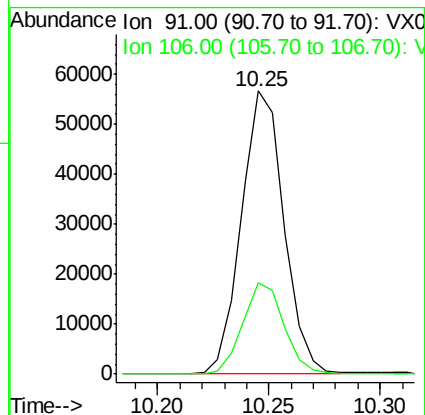
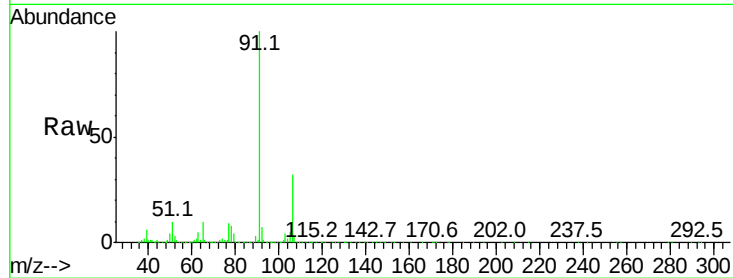
VSTDIC005

Tgt Ion: 91 Resp: 75522

Ion Ratio Lower Upper

91 100

106 32.0 24.9 37.3



#67

m/p-Xylenes

Concen: 11.045 ug/l

RT: 10.36 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX015229.D

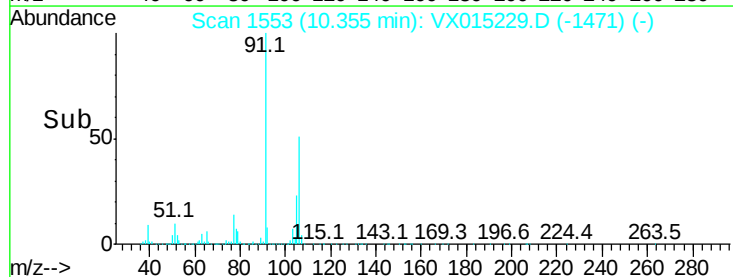
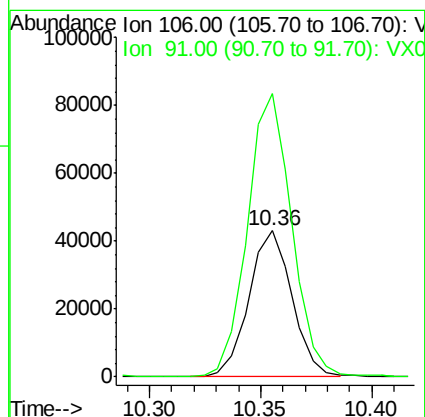
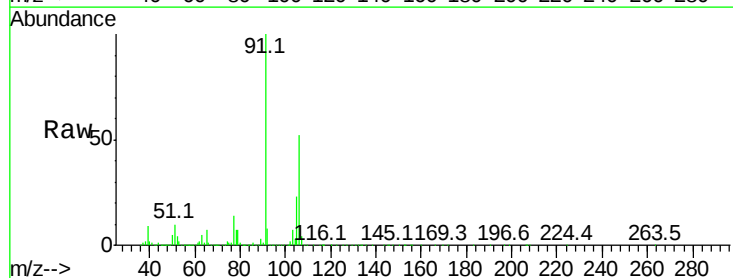
Acq: 12 Mar 2020 11:53

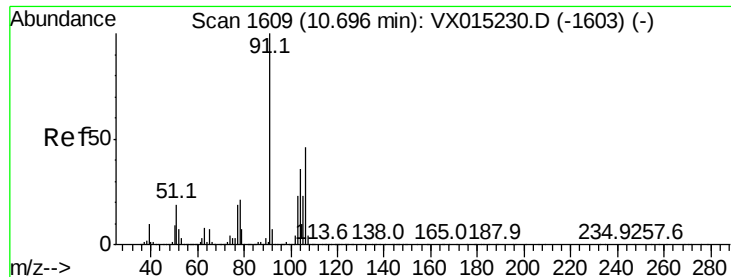
Tgt Ion: 106 Resp: 58365

Ion Ratio Lower Upper

106 100

91 196.3 160.1 240.1

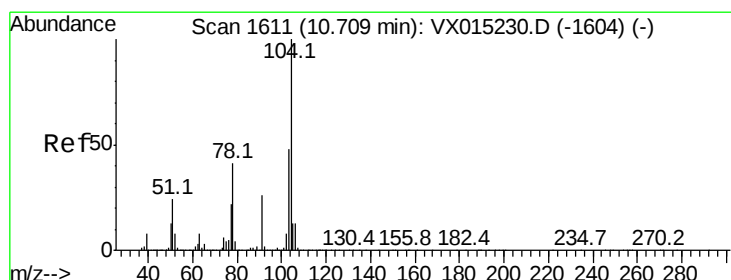
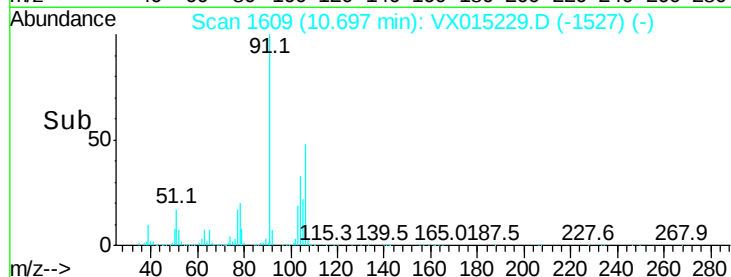
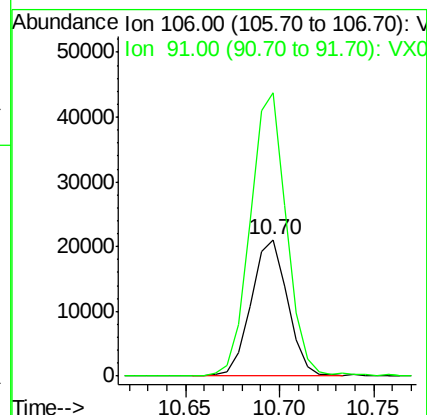
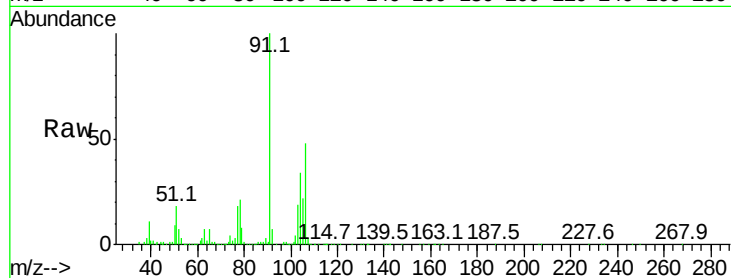




#68
o-Xylene
Concen: 5.524 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX015229.D
Acq: 12 Mar 2020 11:53

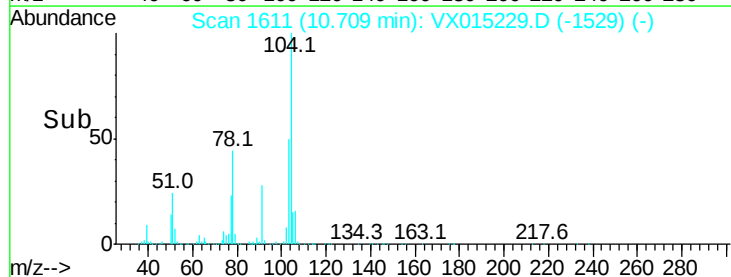
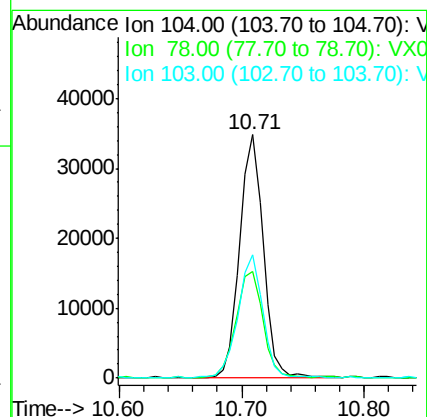
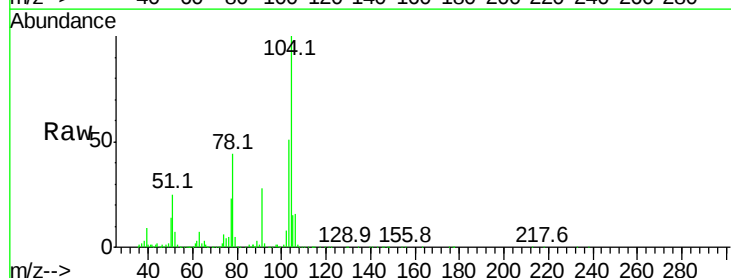
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

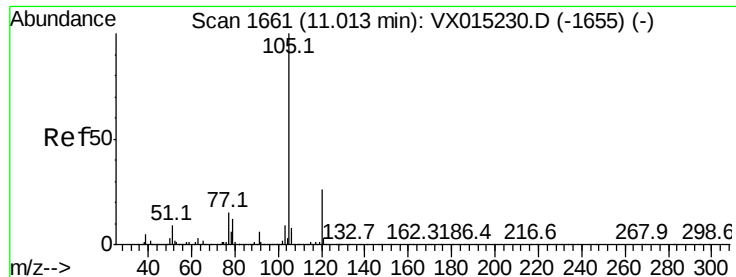
Tgt Ion:106 Resp: 28244
Ion Ratio Lower Upper
106 100
91 203.6 106.4 319.2



#69
Styrene
Concen: 5.322 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX015229.D
Acq: 12 Mar 2020 11:53

Tgt Ion:104 Resp: 46472
Ion Ratio Lower Upper
104 100
78 50.1 38.9 58.3
103 53.9 43.2 64.8





#70

Isopropylbenzene

Concen: 5.441 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX015229.D

Acq: 12 Mar 2020 11:53

Instrument :

MSVOA_X

ClientSampleId :

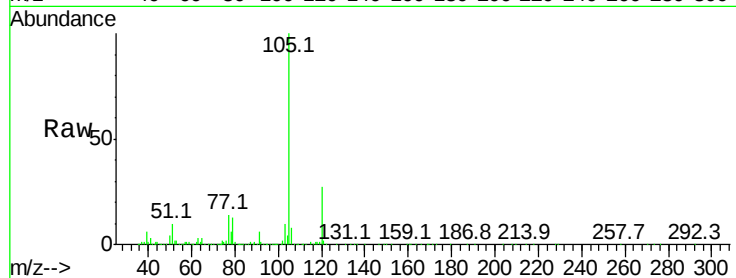
VSTDIC005

Tgt Ion:105 Resp: 73899

Ion Ratio Lower Upper

105 100

120 27.8 18.6 34.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.01

60000

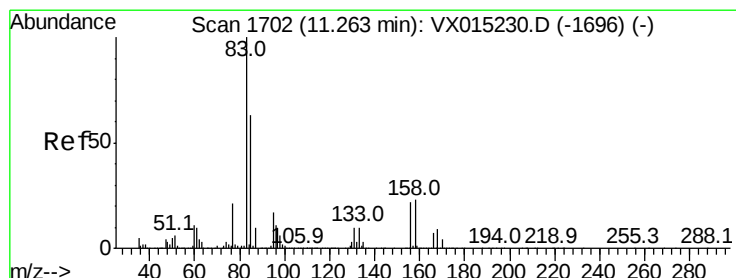
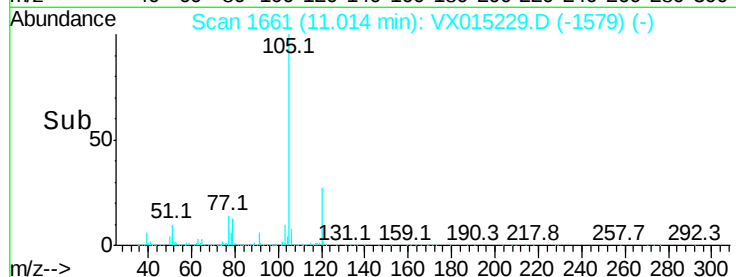
40000

20000

0

10.95 11.00 11.05

Time-->



#71

1,1,2,2-Tetrachloroethane

Concen: 5.625 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX015229.D

Acq: 12 Mar 2020 11:53

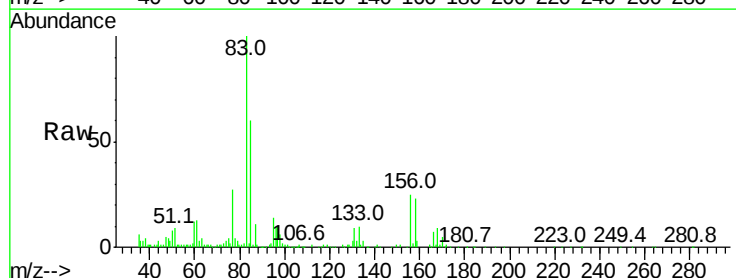
Tgt Ion: 83 Resp: 24598

Ion Ratio Lower Upper

83 100

131 10.7 5.0 14.9

85 65.4 31.8 95.4



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 131.00 (130.70 to 131.70): V

Ion 85.00 (84.70 to 85.70): VX0

11.26

25000

20000

15000

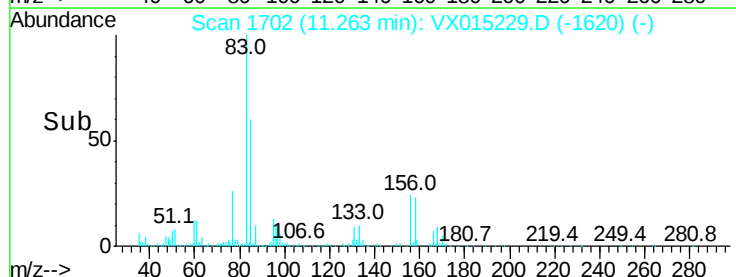
10000

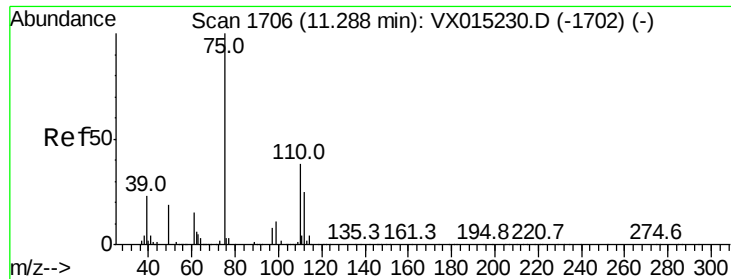
5000

0

11.20 11.25 11.30

Time-->





#72

1,2,3-Trichloropropane

Concen: 7.479 ug/l

RT: 11.29 min Scan# 1707

Delta R.T. 0.01 min

Lab File: VX015229.D

Acq: 12 Mar 2020 11:53

Instrument :

MSVOA_X

ClientSampled :

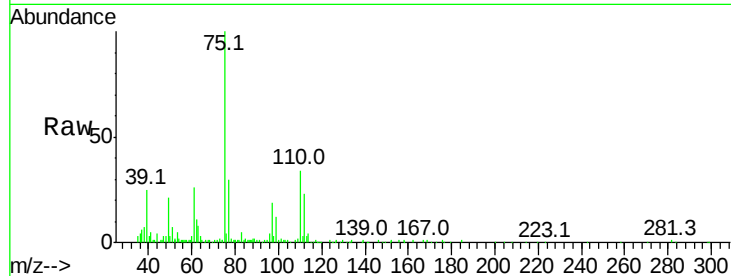
VSTDIC005

Tgt Ion: 75 Resp: 27126

Ion Ratio Lower Upper

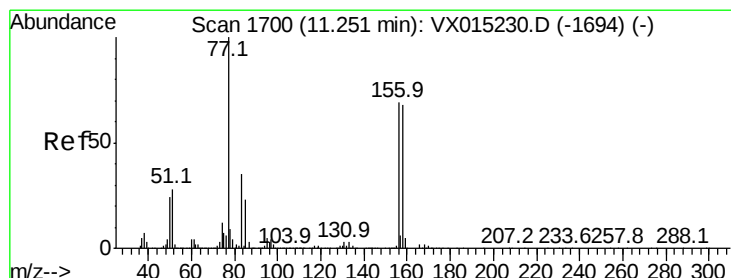
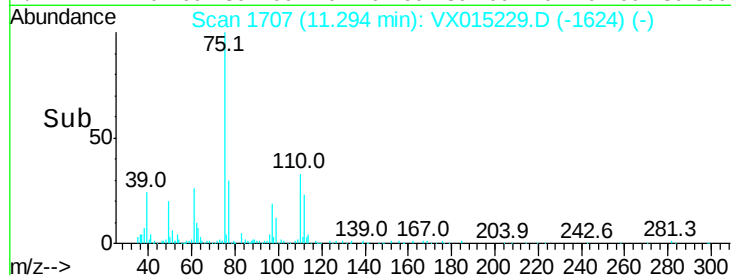
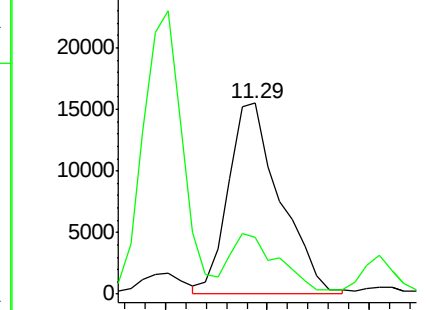
75 100

77 28.7 0.0 83.0



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



#73

Bromobenzene

Concen: 5.522 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX015229.D

Acq: 12 Mar 2020 11:53

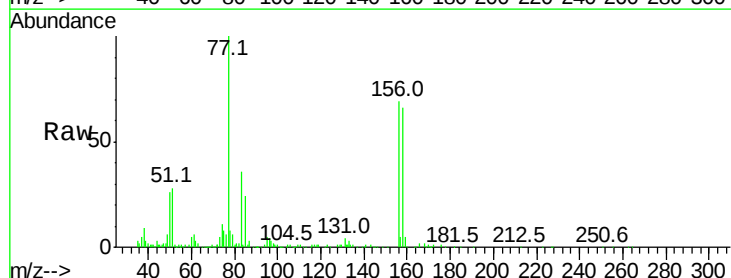
Tgt Ion: 156 Resp: 20262

Ion Ratio Lower Upper

156 100

77 151.1 0.0 305.0

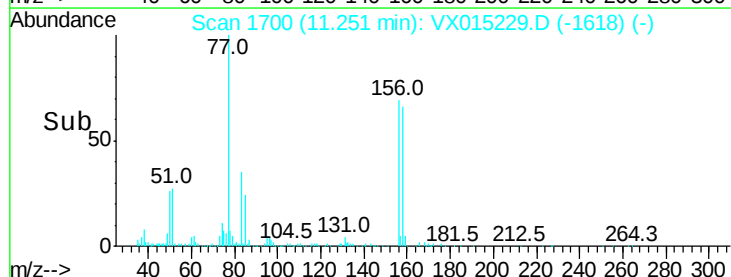
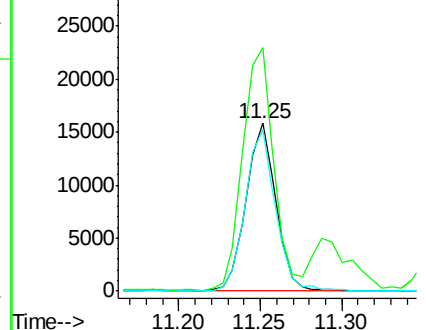
158 97.5 0.0 197.2

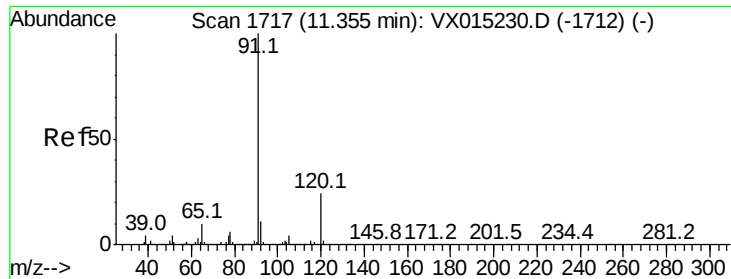


Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 158.00 (157.70 to 158.70): V





#74

n-propylbenzene

Concen: 5.489 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX015229.D

Acq: 12 Mar 2020 11:53

Instrument :

MSVOA_X

ClientSampleId :

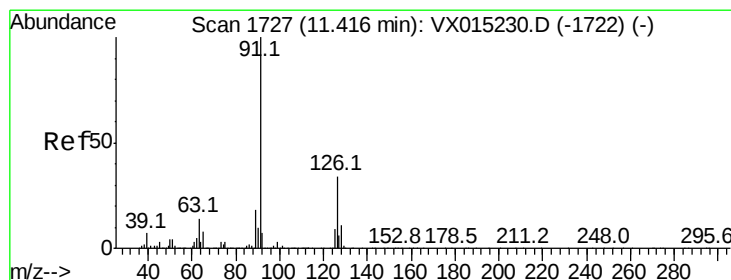
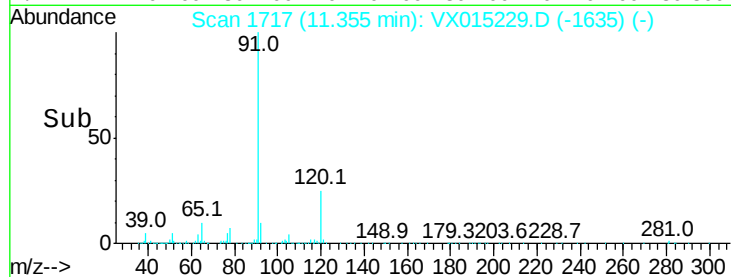
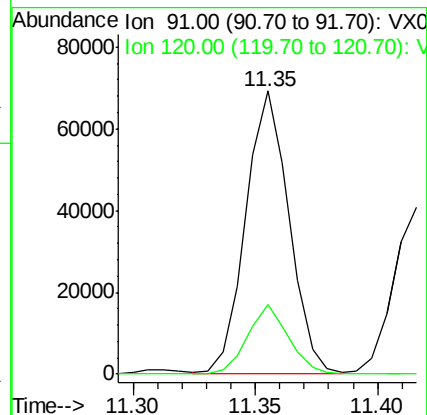
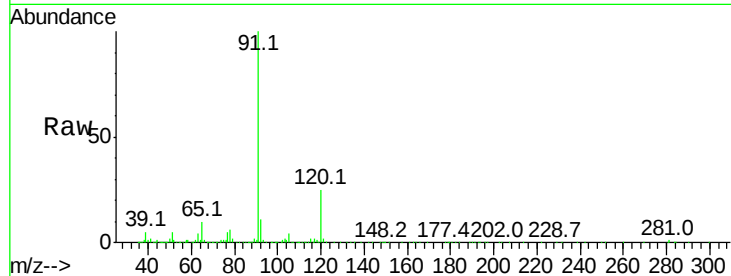
VSTDIC005

Tgt Ion: 91 Resp: 84841

Ion Ratio Lower Upper

91 100

120 23.3 0.0 47.0



#75

2-Chlorotoluene

Concen: 5.561 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX015229.D

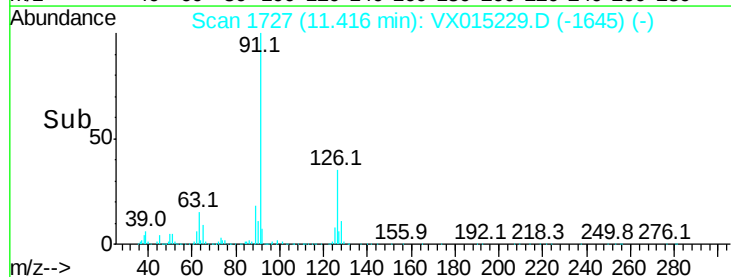
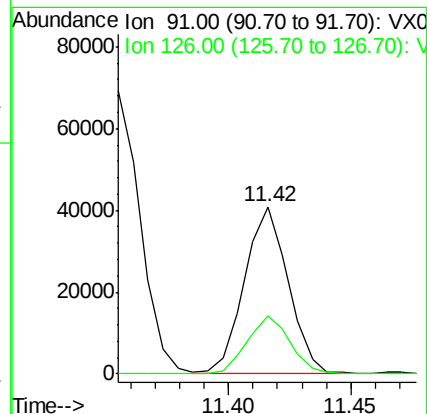
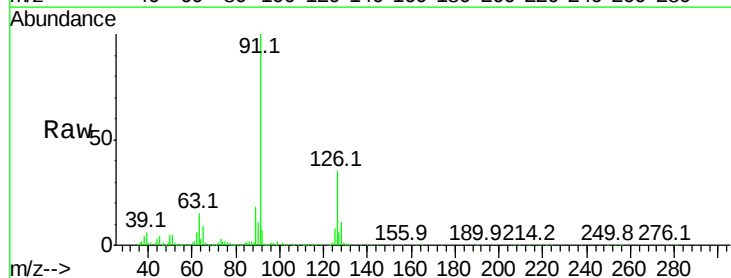
Acq: 12 Mar 2020 11:53

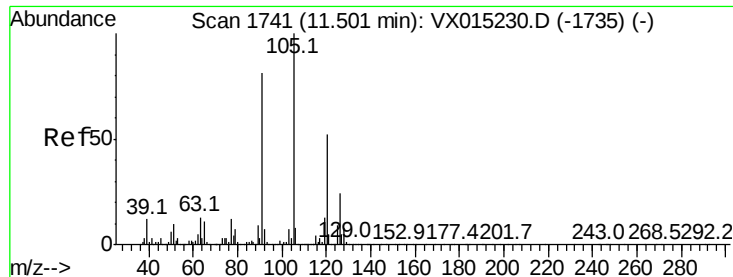
Tgt Ion: 91 Resp: 50798

Ion Ratio Lower Upper

91 100

126 34.2 0.0 69.8





#76

1,3,5-Trimethylbenzene

Concen: 5.547 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX015229.D

Acq: 12 Mar 2020 11:53

Instrument :

MSVOA_X

ClientSampleId :

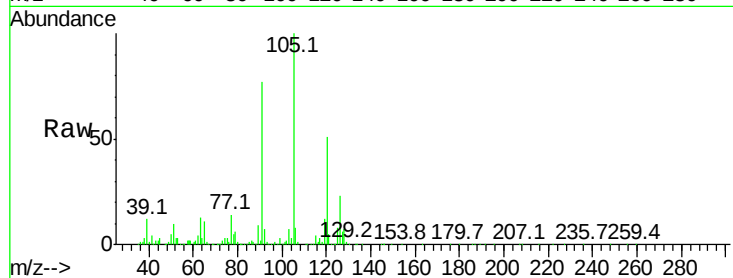
VSTDIC005

Tgt Ion: 105 Resp: 63134

Ion Ratio Lower Upper

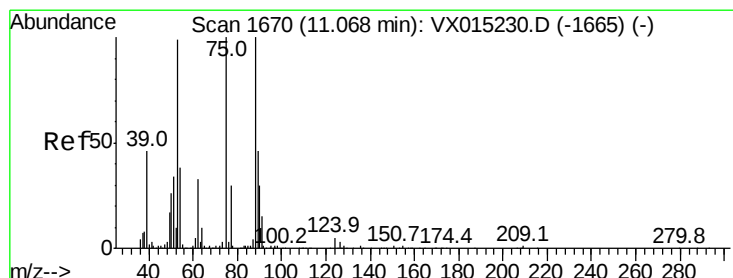
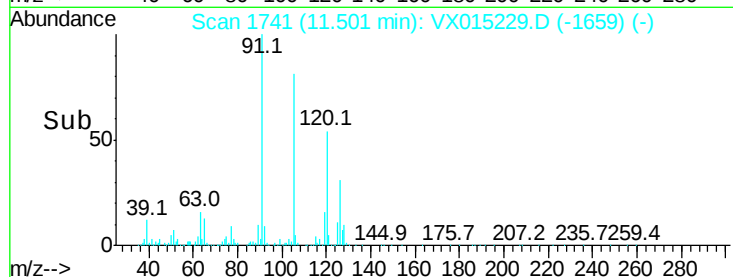
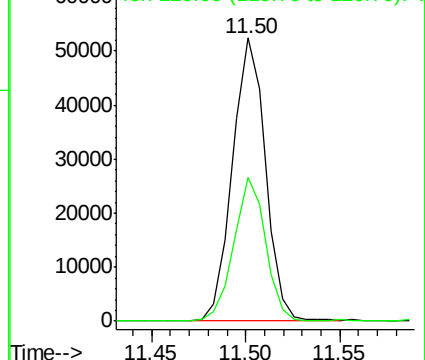
105 100

120 49.3 0.0 101.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#77

t-1,4-Dichloro-2-butene

Concen: 5.159 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX015229.D

Acq: 12 Mar 2020 11:53

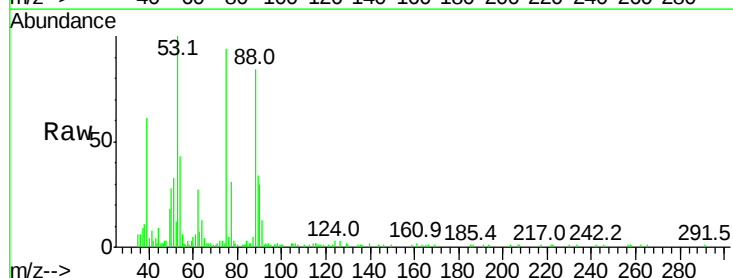
Tgt Ion: 75 Resp: 7545

Ion Ratio Lower Upper

75 100

53 105.3 49.5 148.3

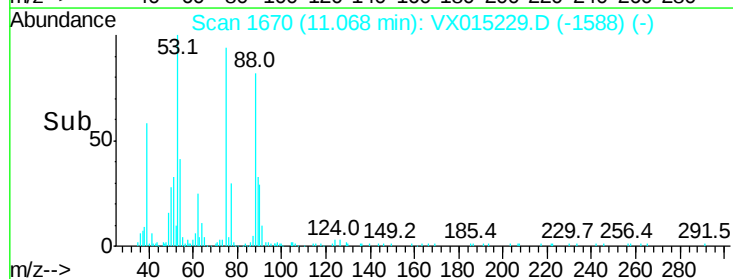
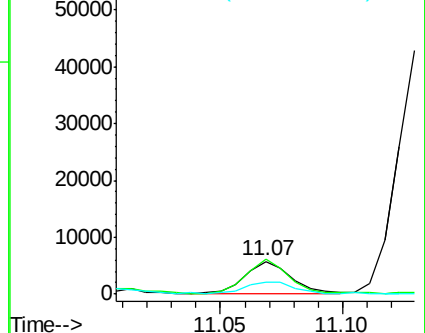
89 33.2 22.9 68.8

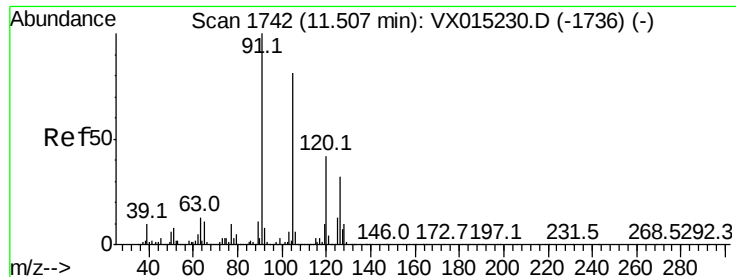


Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 89.00 (88.70 to 89.70): VX0





#78

4-Chlorotoluene

Concen: 5.445 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VX015229.D

Acq: 12 Mar 2020 11:53

Instrument :

MSVOA_X

ClientSampleId :

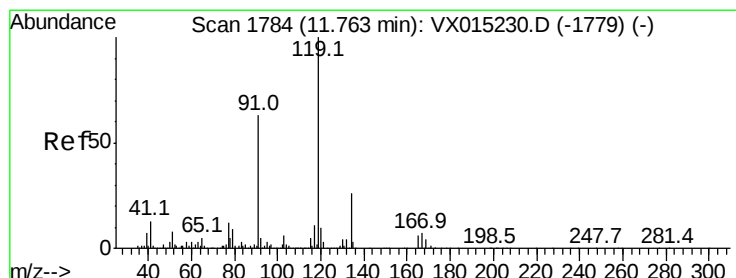
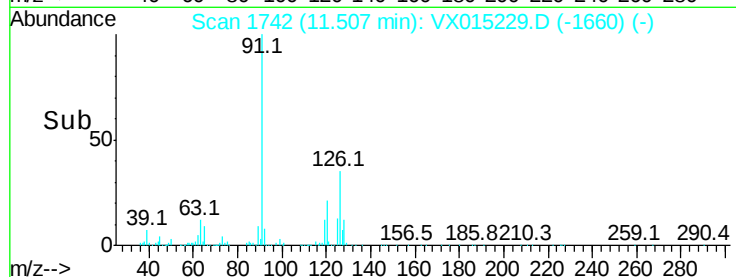
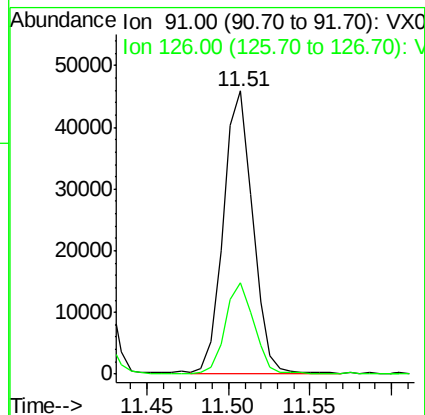
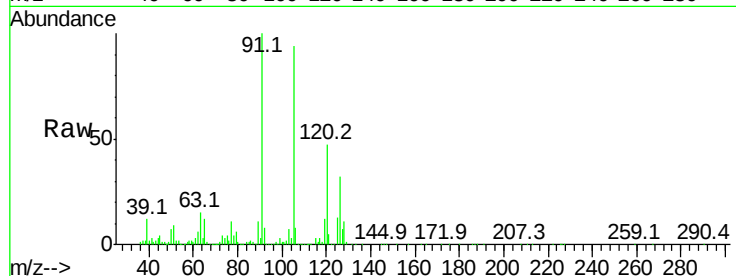
VSTDIC005

Tgt Ion: 91 Resp: 57532

Ion Ratio Lower Upper

91 100

126 31.8 0.0 61.4



#79

tert-butylbenzene

Concen: 5.307 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. 0.00 min

Lab File: VX015229.D

Acq: 12 Mar 2020 11:53

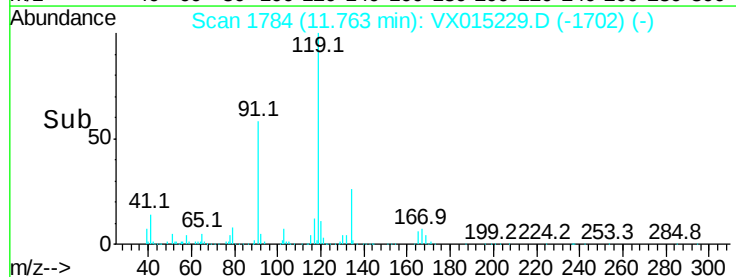
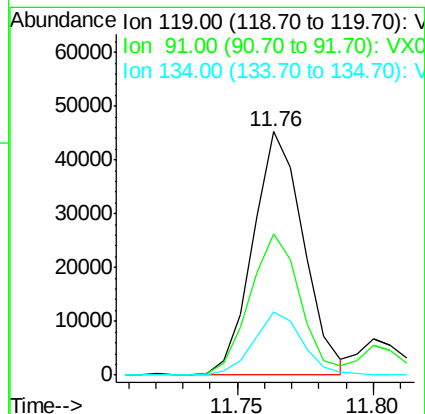
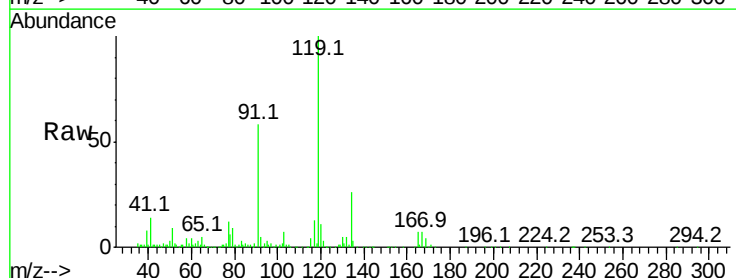
Tgt Ion: 119 Resp: 58361

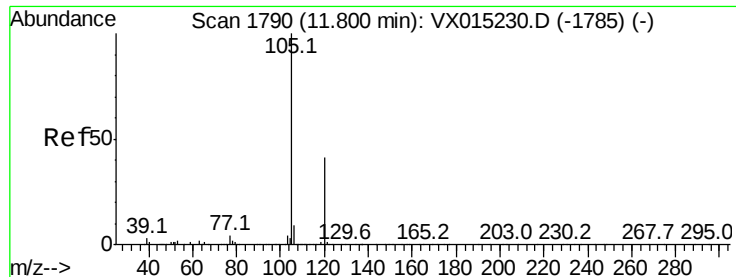
Ion Ratio Lower Upper

119 100

91 56.9 0.0 115.4

134 25.1 0.0 49.4





#80

1,2,4-Trimethylbenzene

Concen: 5.370 ug/l

RT: 11.80 min Scan# 1790

Delta R.T. 0.00 min

Lab File: VX015229.D

Acq: 12 Mar 2020 11:53

Instrument :

MSVOA_X

ClientSampleId :

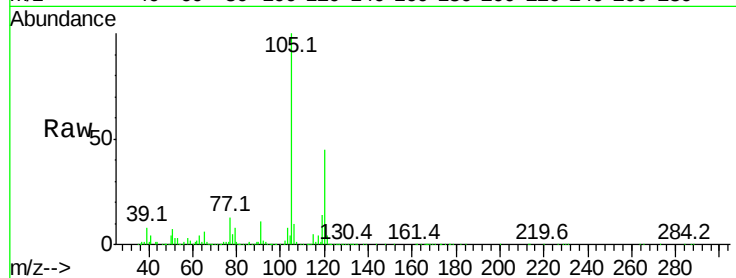
VSTDIC005

Tgt Ion:105 Resp: 60760

Ion Ratio Lower Upper

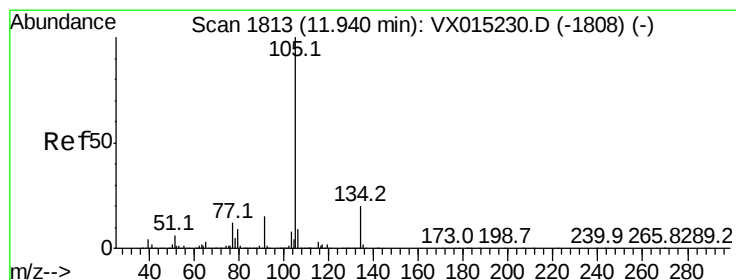
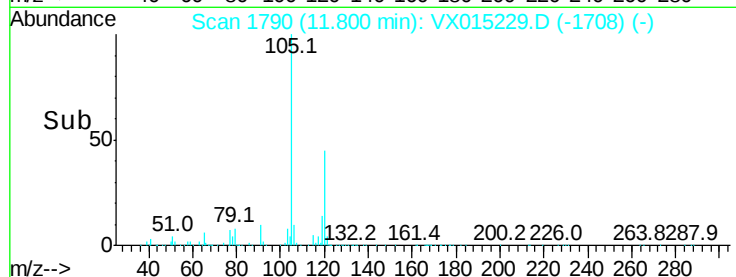
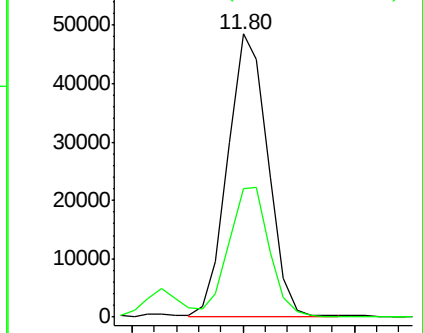
105 100

120 46.0 0.0 93.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#81

sec-Butylbenzene

Concen: 5.531 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX015229.D

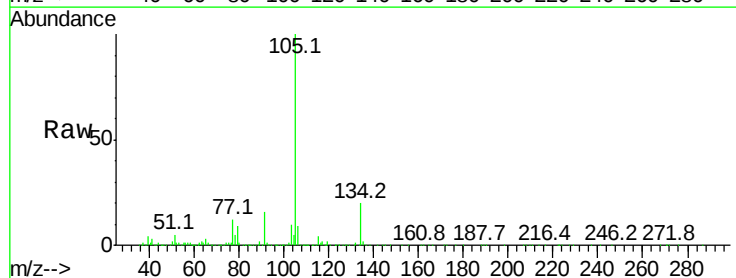
Acq: 12 Mar 2020 11:53

Tgt Ion:105 Resp: 72840

Ion Ratio Lower Upper

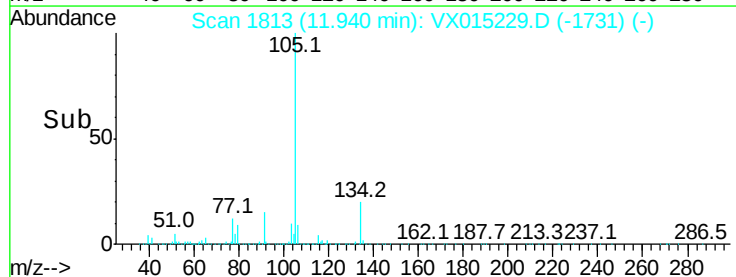
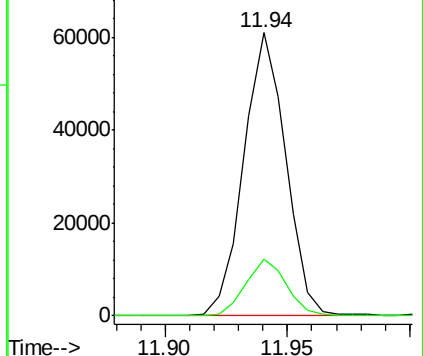
105 100

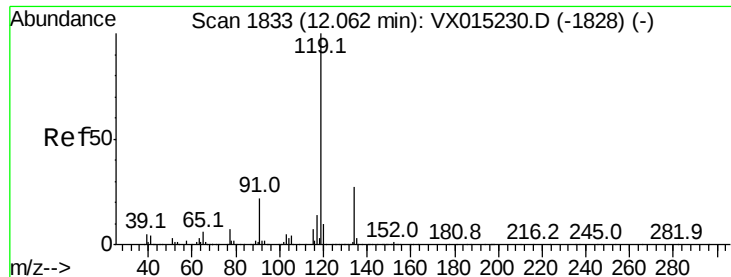
134 19.9 0.0 40.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

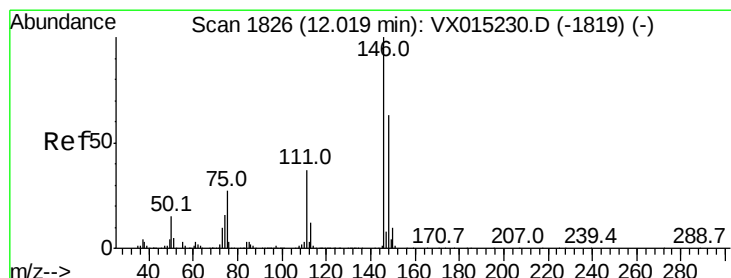
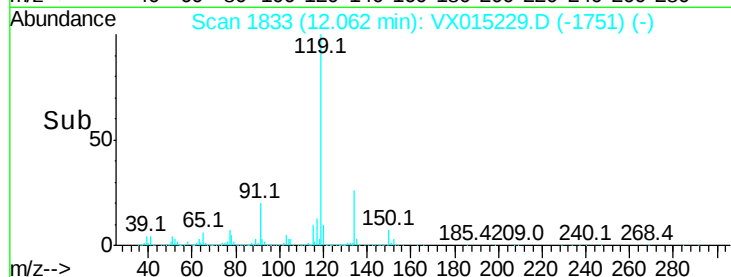
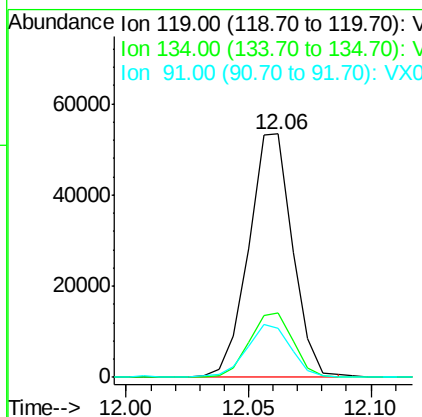
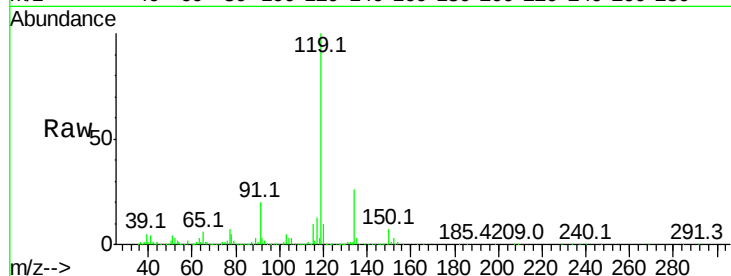




#82
p-Isopropyltoluene
Concen: 5.466 ug/l
RT: 12.06 min Scan# 1833
Delta R.T. 0.00 min
Lab File: VX015229.D
Acq: 12 Mar 2020 11:53

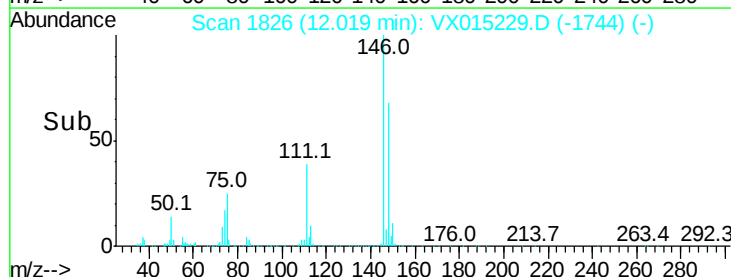
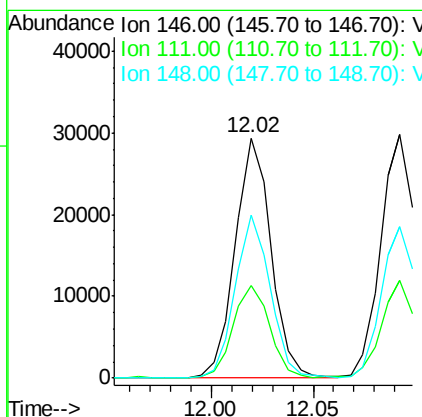
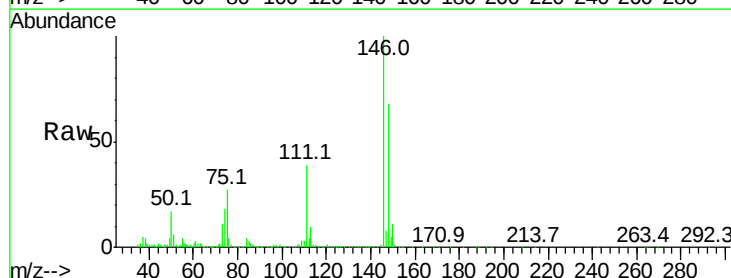
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

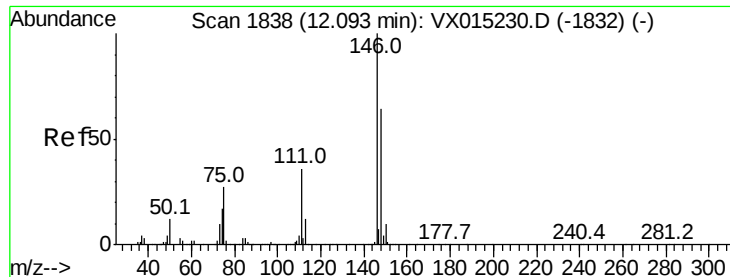
Tgt Ion:119 Resp: 66868
Ion Ratio Lower Upper
119 100
134 26.7 0.0 53.6
91 21.7 0.0 43.6



#83
1,3-Dichlorobenzene
Concen: 5.580 ug/l
RT: 12.02 min Scan# 1826
Delta R.T. 0.00 min
Lab File: VX015229.D
Acq: 12 Mar 2020 11:53

Tgt Ion:146 Resp: 35897
Ion Ratio Lower Upper
146 100
111 39.2 18.8 56.4
148 66.6 31.9 95.7

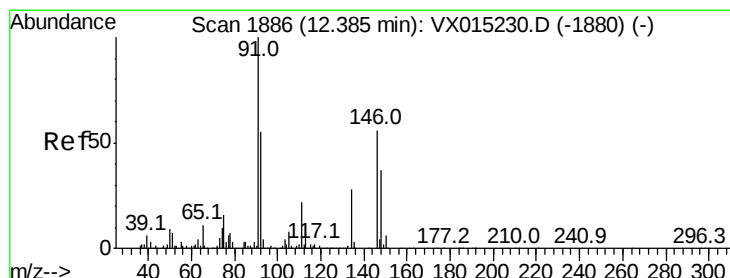
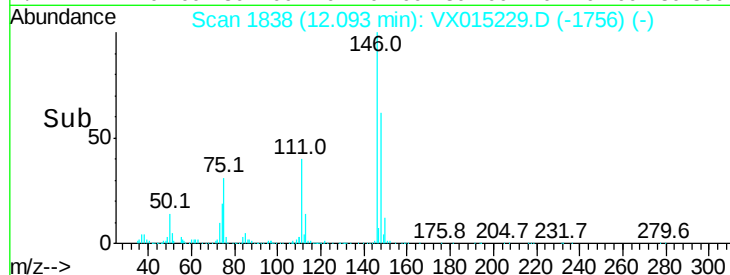
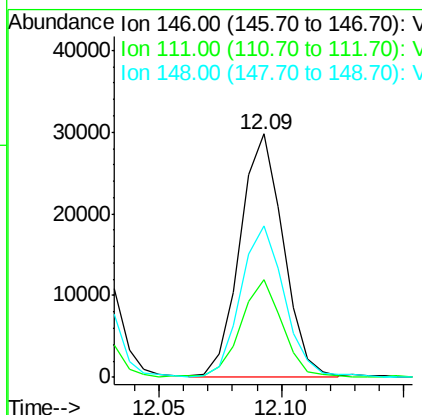
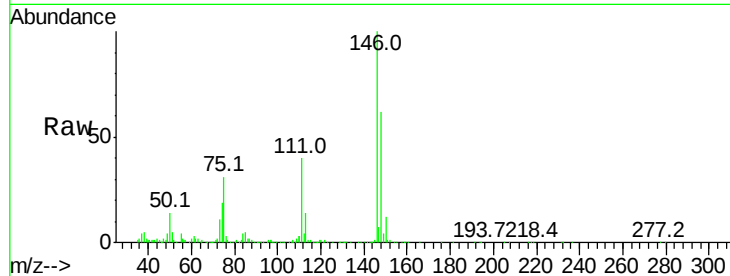




#84
 1,4-Dichlorobenzene
 Concen: 5.681 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX015229.D
 Acq: 12 Mar 2020 11:53

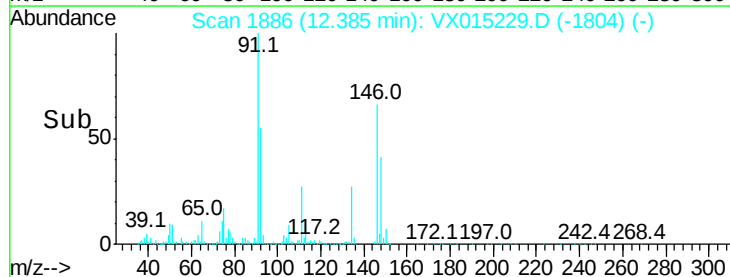
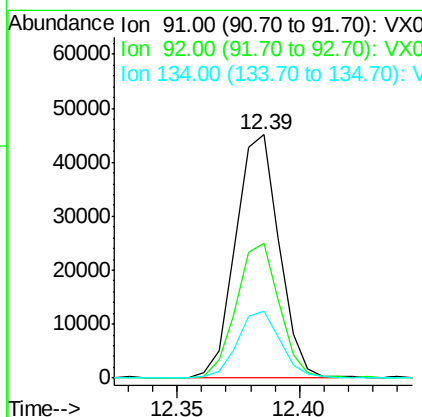
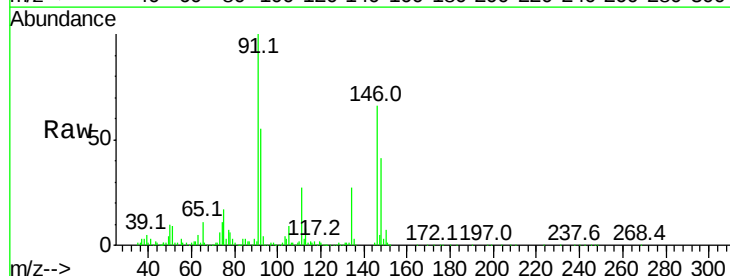
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

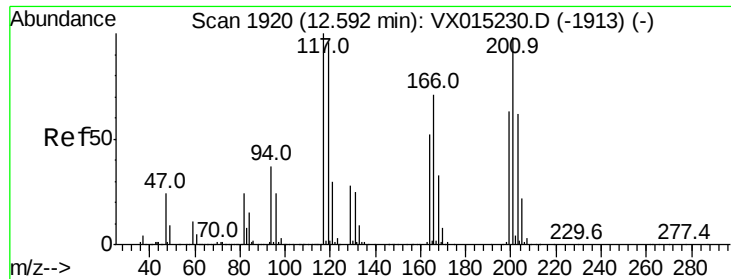
Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.8	18.4	55.0
148	61.8	31.9	95.9



#85
 n-Butylbenzene
 Concen: 5.248 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX015229.D
 Acq: 12 Mar 2020 11:53

Tgt Ion	Ratio	Lower	Upper
91	100		
92	54.3	0.0	109.4
134	27.3	0.0	53.0

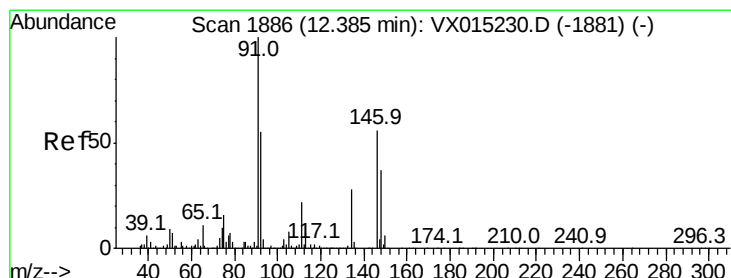
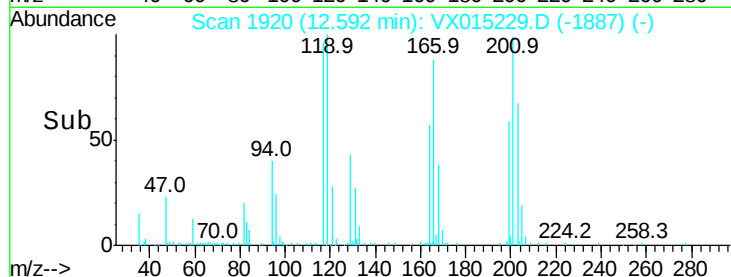
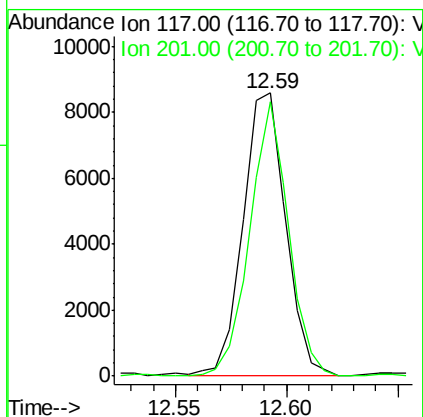
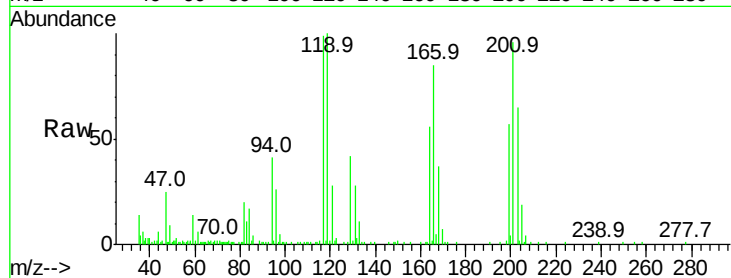




#86
Hexachloroethane
Concen: 5.203 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX015229.D
Acq: 12 Mar 2020 11:53

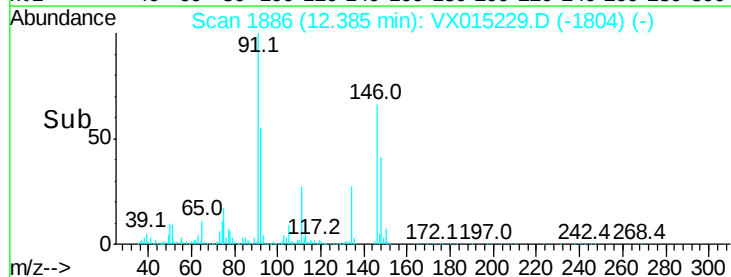
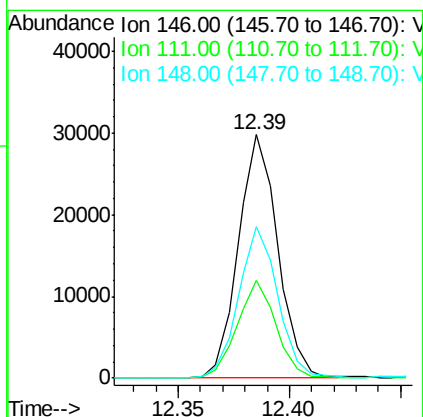
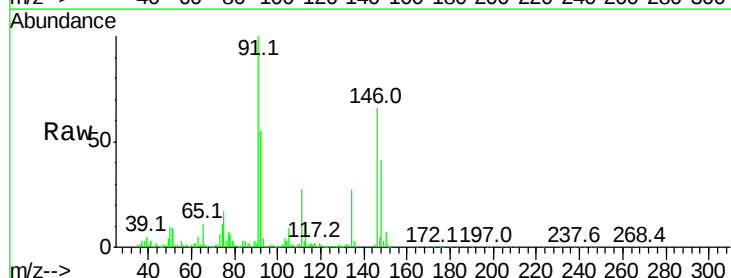
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

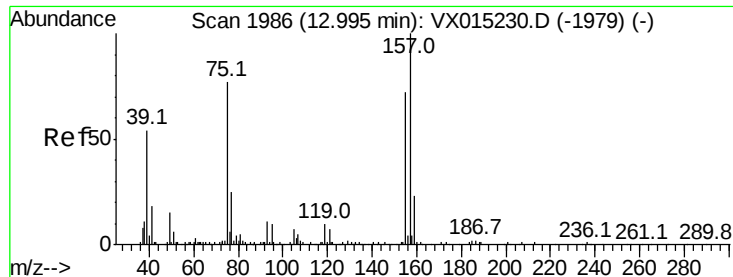
Tgt Ion:117 Resp: 11506
Ion Ratio Lower Upper
117 100
201 87.4 47.8 143.3



#87
1,2-Dichlorobenzene
Concen: 5.705 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX015229.D
Acq: 12 Mar 2020 11:53

Tgt Ion:146 Resp: 36521
Ion Ratio Lower Upper
146 100
111 40.0 19.4 58.4
148 62.6 32.4 97.0

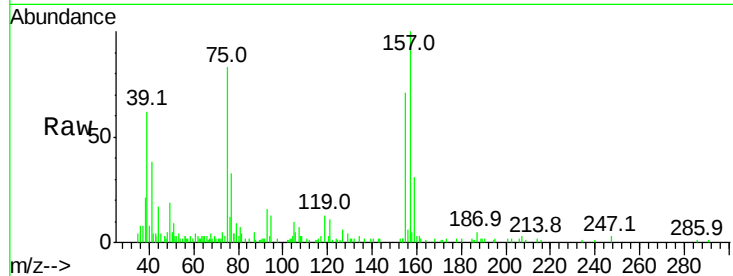




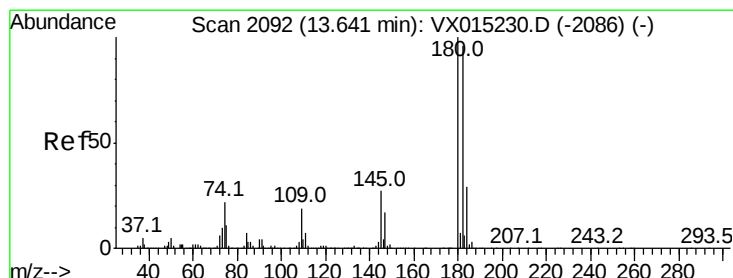
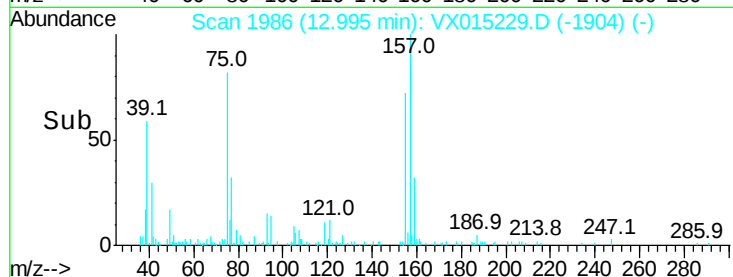
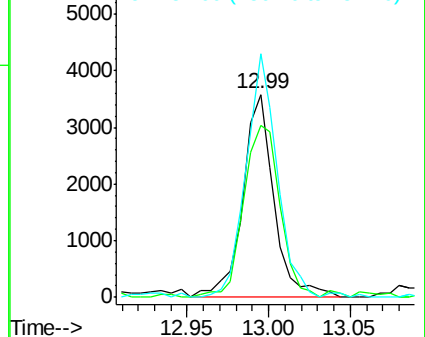
#88
 1,2-Dibromo-3-Chloropropane
 Concen: 5.057 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX015229.D
 Acq: 12 Mar 2020 11:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tgt Ion: 75 Resp: 4816
 Ion Ratio Lower Upper
 75 100
 155 97.9 77.5 116.3
 157 118.4 103.0 154.4

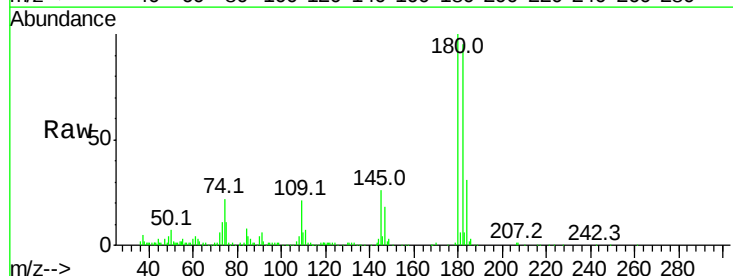


Abundance Ion 75.00 (74.70 to 75.70): VX0
 Ion 155.00 (154.70 to 155.70): V
 Ion 157.00 (156.70 to 157.70): V

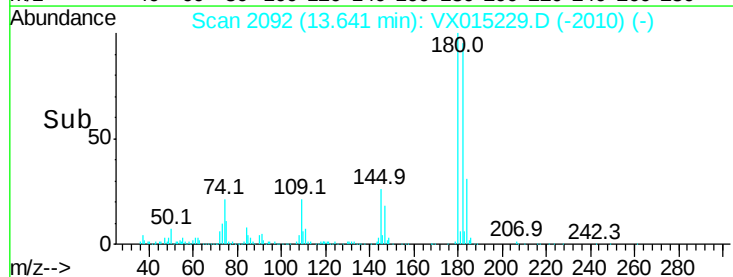
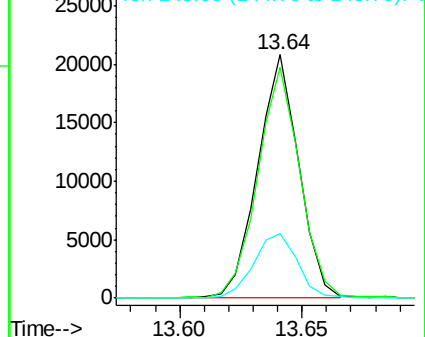


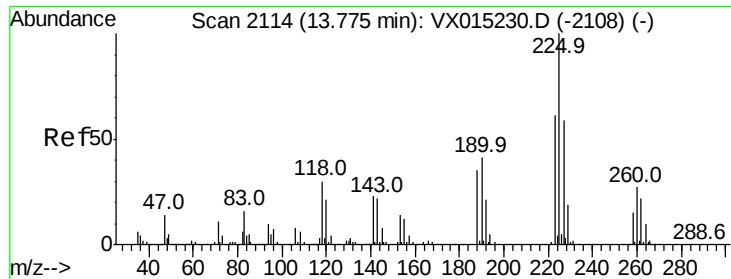
#89
 1,2,4-Trichlorobenzene
 Concen: 5.314 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX015229.D
 Acq: 12 Mar 2020 11:53

Tgt Ion: 180 Resp: 24463
 Ion Ratio Lower Upper
 180 100
 182 97.3 76.6 115.0
 145 28.1 22.7 34.1



Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 145.00 (144.70 to 145.70): V

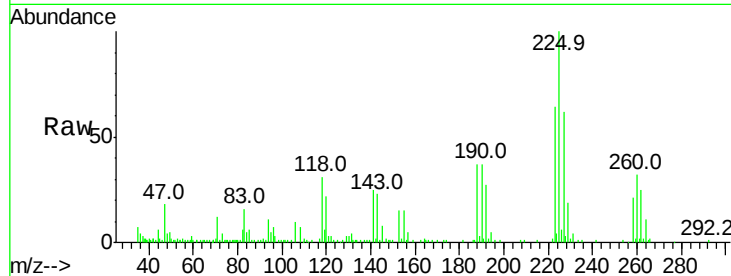




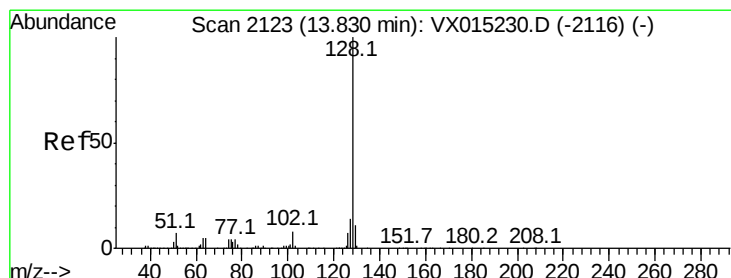
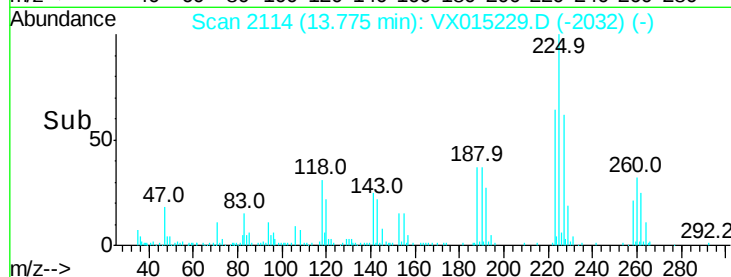
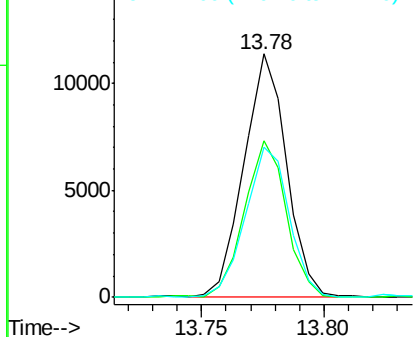
#90
Hexachlorobutadiene
Concen: 6.030 ug/l
RT: 13.78 min Scan# 2114
Delta R.T. 0.00 min
Lab File: VX015229.D
Acq: 12 Mar 2020 11:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:225 Resp: 13785
Ion Ratio Lower Upper
225 100
223 63.0 0.0 125.0
227 63.7 0.0 126.2

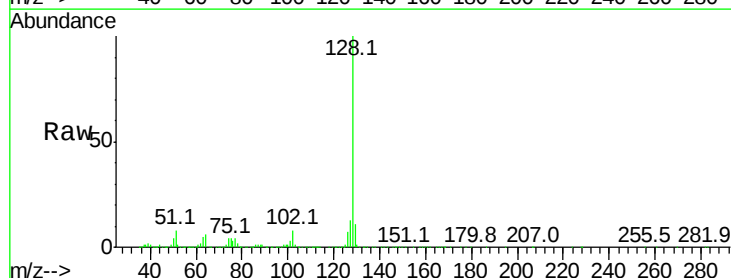


Abundance Ion 225.00 (224.70 to 225.70): V
Ion 223.00 (222.70 to 223.70): V
Ion 227.00 (226.70 to 227.70): V

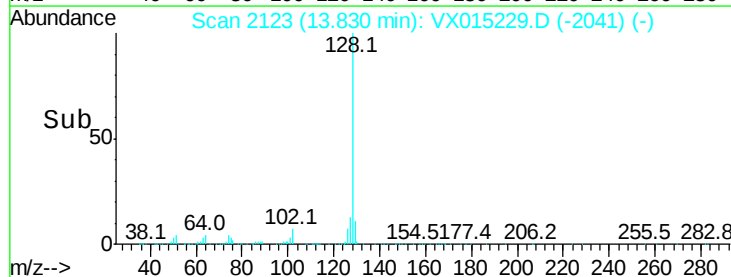
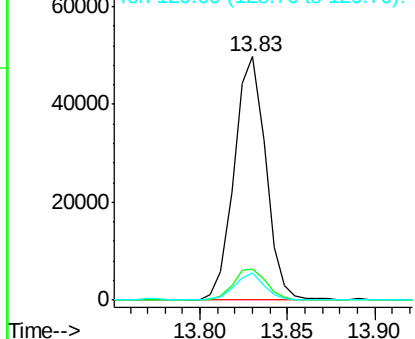


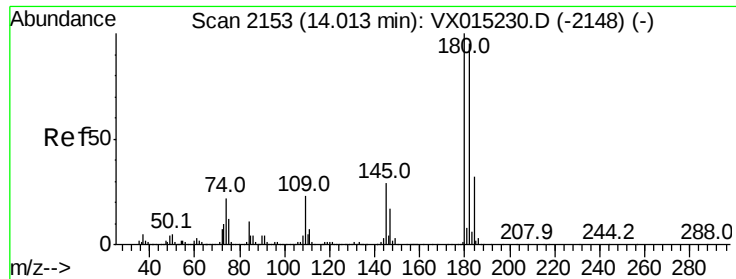
#91
Naphthalene
Concen: 4.788 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX015229.D
Acq: 12 Mar 2020 11:53

Tgt Ion:128 Resp: 62400
Ion Ratio Lower Upper
128 100
127 13.5 10.8 16.2
129 10.8 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V





#92
 1,2,3-Trichlorobenzene
 Concen: 5.673 ug/l
 RT: 14.01 min Scan# 2153
 Delta R.T. 0.00 min
 Lab File: VX015229.D
 Acq: 12 Mar 2020 11:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tgt Ion	Ratio	Lower	Upper
180	100		
182	91.6	0.0	192.0
145	29.8	0.0	60.0

