

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX042220\
 Data File : VX015831.D
 Acq On : 22 Apr 2020 09:59
 Operator : JC/SP
 Sample : VSTDIC001
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Quant Time: Apr 22 11:50:12 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042220W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 22 11:43:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	1062270	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	1572514	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1467589	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	806853	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	14915	1.18	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	2.36%	
35) Dibromofluoromethane	5.47	113	12663	1.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	2.54%	
50) Toluene-d8	8.70	98	41926	1.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	2.22%	
62) 4-Bromofluorobenzene	11.12	95	22124	1.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	2.68%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.19	85	7105	0.827	ug/l	94
3) Chloromethane	1.31	50	9241	1.016	ug/l	96
4) Vinyl Chloride	1.40	62	11501	1.073	ug/l	91
5) Bromomethane	1.64	94	4994	1.156	ug/l	92
6) Chloroethane	1.72	64	6679	1.087	ug/l	100
7) Trichlorofluoromethane	1.92	101	13867	1.026	ug/l	99
8) Diethyl Ether	2.17	74	5762	1.055	ug/l	55
9) 1,1,2-Trichlorotrifluoroet	2.37	101	10526	1.150	ug/l #	90
10) Methyl Iodide	2.49	142	11586	1.103	ug/l	96
11) Tert butyl alcohol	3.01	59	11280	4.716	ug/l #	71
12) 1,1-Dichloroethene	2.36	96	9587	1.032	ug/l #	77
13) Acrolein	2.27	56	8585	5.854	ug/l	96
14) Allyl chloride	2.71	41	20943	1.052	ug/l	97
15) Acrylonitrile	3.11	53	27162	4.802	ug/l	97
16) Acetone	2.42	43	34344	6.294	ug/l	98
17) Carbon Disulfide	2.55	76	64523	1.714	ug/l	97
18) Methyl Acetate	2.75	43	19079	1.102	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	32448	0.993	ug/l #	86
20) Methylene Chloride	2.84	84	12171	1.124	ug/l	90
21) trans-1,2-Dichloroethene	3.15	96	11279	1.083	ug/l	89
22) Diisopropyl ether	3.83	45	35933	1.003	ug/l	90
23) Vinyl Acetate	3.78	43	147999	4.942	ug/l	98
24) 1,1-Dichloroethane	3.67	63	18128	0.982	ug/l	94
25) 2-Butanone	4.64	43	42347	5.133	ug/l	96
26) 2,2-Dichloropropane	4.55	77	16964	1.023	ug/l	78
27) cis-1,2-Dichloroethene	4.57	96	12173	1.045	ug/l	91
28) Bromochloromethane	4.98	49	11073	1.104	ug/l #	97
29) Tetrahydrofuran	5.10	42	27479	5.016	ug/l	95
30) Chloroform	5.17	83	20391	1.084	ug/l #	79
31) Cyclohexane	5.54	56	19133	1.066	ug/l	85
32) 1,1,1-Trichloroethane	5.47	97	16256	0.979	ug/l #	48
36) 1,1-Dichloropropene	5.78	75	13869	1.005	ug/l #	77
37) Ethyl Acetate	4.79	43	17780	1.071	ug/l #	83
38) Carbon Tetrachloride	5.76	117	12501	0.932	ug/l	88

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Instrument :
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 ClientSampleId :
 VSTDIC001

Quant Time: Apr 22 11:50:12 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042220W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 22 11:43:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	19834	1.115	ug/l	85
40) Benzene	6.12	78	44828	1.061	ug/l	95
41) Methacrylonitrile	5.00	41	3341	0.426	ug/l #	16
42) 1,2-Dichloroethane	6.17	62	16437	1.082	ug/l	91
43) Isopropyl Acetate	6.41	43	28509	1.023	ug/l	97
44) Trichloroethene	7.19	130	14984	1.014	ug/l	89
45) 1,2-Dichloropropane	7.49	63	11020	1.004	ug/l	99
46) Dibromomethane	7.64	93	9569	1.158	ug/l	96
47) Bromodichloromethane	7.87	83	14329	1.025	ug/l #	86
48) Methyl methacrylate	7.75	41	13608	1.003	ug/l	97
49) 1,4-Dioxane	7.72	88	6676	25.346	ug/l #	80
51) 4-Methyl-2-Pentanone	8.62	43	80130	4.962	ug/l	97
52) Toluene	8.76	92	28604	1.055	ug/l	98
53) t-1,3-Dichloropropene	9.03	75	17518	1.006	ug/l #	87
54) cis-1,3-Dichloropropene	8.42	75	19123	1.030	ug/l #	92
55) 1,1,2-Trichloroethane	9.20	97	10013	0.958	ug/l	91
56) Ethyl methacrylate	9.16	69	17735	1.012	ug/l	94
57) 1,3-Dichloropropane	9.35	76	18820	1.034	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.29	63	43489	4.917	ug/l	98
59) 2-Hexanone	9.47	43	58551	4.807	ug/l	100
60) Dibromochloromethane	9.57	129	10469	1.024	ug/l	93
61) 1,2-Dibromoethane	9.65	107	12723	1.090	ug/l	100
64) Tetrachloroethene	9.32	164	22539	1.096	ug/l	97
65) Chlorobenzene	10.12	112	31054	1.048	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.20	131	11332	1.042	ug/l #	66
67) Ethyl Benzene	10.23	91	54594	1.041	ug/l	96
68) m/p-Xylenes	10.34	106	40018	2.043	ug/l	100
69) o-Xylene	10.68	106	20850	1.084	ug/l	87
70) Styrene	10.70	104	32750	0.991	ug/l	95
71) Bromoform	10.84	173	5374	0.859	ug/l #	74
73) Isopropylbenzene	11.00	105	50829	0.985	ug/l	98
74) N-amyl acetate	10.88	43	27677	1.053	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	10122	0.952	ug/l #	93
76) 1,2,3-Trichloropropane	11.28	75	19662	1.056	ug/l	86
77) Bromobenzene	11.24	156	13968	0.999	ug/l	96
78) n-propylbenzene	11.34	91	60152	1.017	ug/l	93
79) 2-Chlorotoluene	11.40	91	35879	1.019	ug/l	98
80) 1,3,5-Trimethylbenzene	11.49	105	42693	0.980	ug/l	96
81) trans-1,4-Dichloro-2-buten	11.06	75	5481	0.921	ug/l #	48
82) 4-Chlorotoluene	11.50	91	43363	1.033	ug/l	99
83) tert-Butylbenzene	11.76	119	39178	1.011	ug/l	97
84) 1,2,4-Trimethylbenzene	11.79	105	47463	1.047	ug/l	98
85) sec-Butylbenzene	11.93	105	52162	1.019	ug/l	99
86) p-Isopropyltoluene	12.05	119	47149	0.989	ug/l	88
87) 1,3-Dichlorobenzene	12.01	146	27311	1.061	ug/l	96
88) 1,4-Dichlorobenzene	12.01	146	27311	1.065	ug/l	99
89) n-Butylbenzene	12.37	91	44566	1.049	ug/l	100
90) Hexachloroethane	12.58	117	3405	0.810	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	24511	1.010	ug/l	94
92) 1,2-Dibromo-3-Chloropropan	12.98	75	3153	1.033	ug/l	95

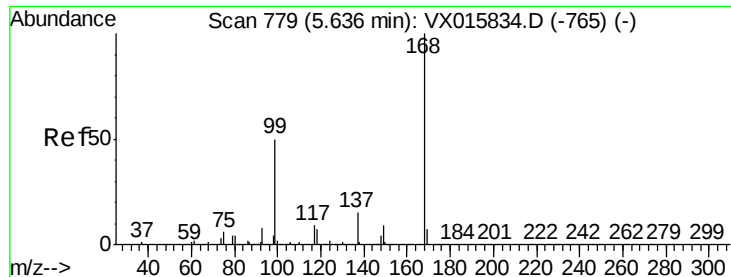
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX042220\
Data File : VX015831.D
Acq On : 22 Apr 2020 09:59
Operator : JC/SP
Sample : VSTDICC001
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Quant Time: Apr 22 11:50:12 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042220W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 22 11:43:26 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	19379	1.012	ug/l	95
94) Hexachlorobutadiene	13.76	225	8971	1.053	ug/l	92
95) Naphthalene	13.82	128	55523	1.010	ug/l	97
96) 1,2,3-Trichlorobenzene	14.00	180	19619	1.059	ug/l	97

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

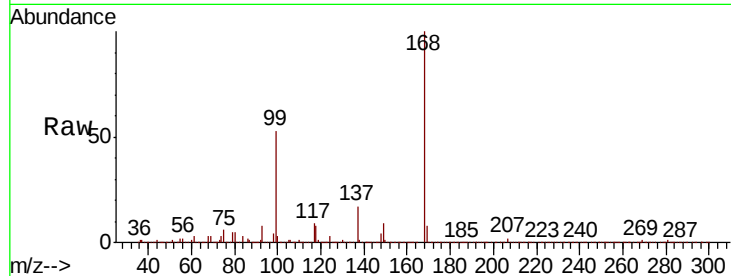


#1

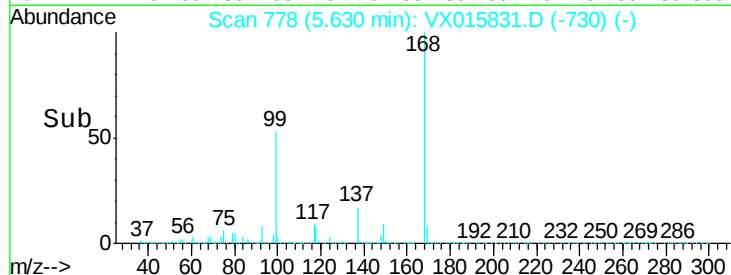
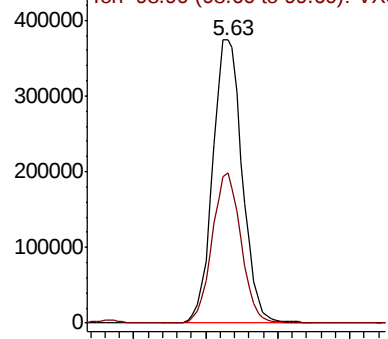
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.63 min Scan# 778
 Delta R.T. -0.01 min
 Lab File: VX015831.D
 Acq: 22 Apr 2020 09:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

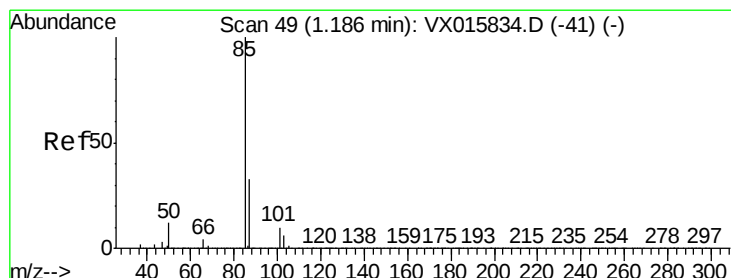
Tot Ion:168 Resp: 1062270
 Ion Ratio Lower Upper
 168 100
 99 53.0 40.3 60.5



Abundance Ion 167.90 (167.60 to 168.60): V
 Ion 98.90 (98.60 to 99.60): VX0



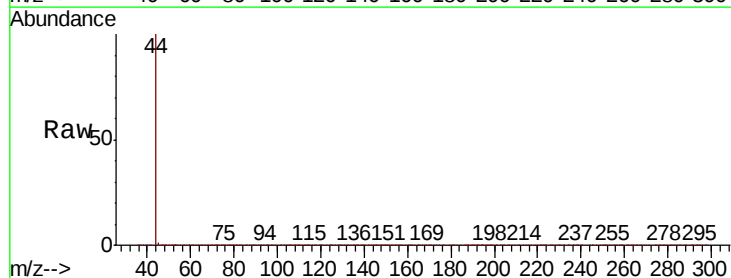
Time-->



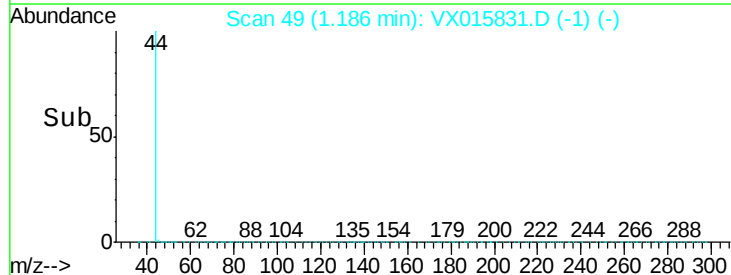
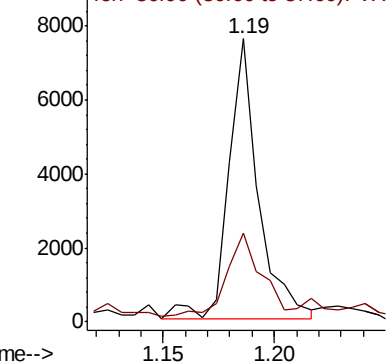
#2

Dichlorodifluoromethane
 Concen: 0.827 ug/l
 RT: 1.19 min Scan# 49
 Delta R.T. 0.00 min
 Lab File: VX015831.D
 Acq: 22 Apr 2020 09:59

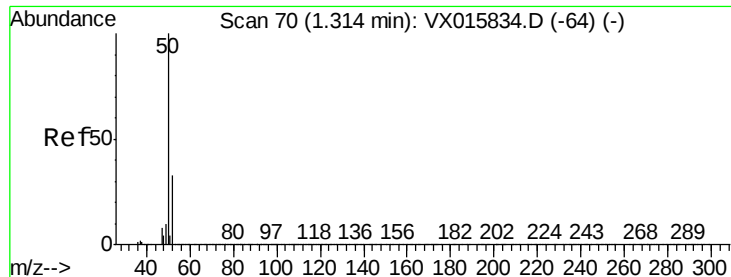
Tgt Ion: 85 Resp: 7105
 Ion Ratio Lower Upper
 85 100
 87 29.6 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VX0
 Ion 86.90 (86.60 to 87.60): VX0



Time-->



#3

Chloromethane

Concen: 1.016 ug/l

RT: 1.31 min Scan# 70

Delta R.T. 0.00 min

Lab File: VX015831.D

Acq: 22 Apr 2020 09:59

Instrument :

MSVOA_X

ClientSampleId :

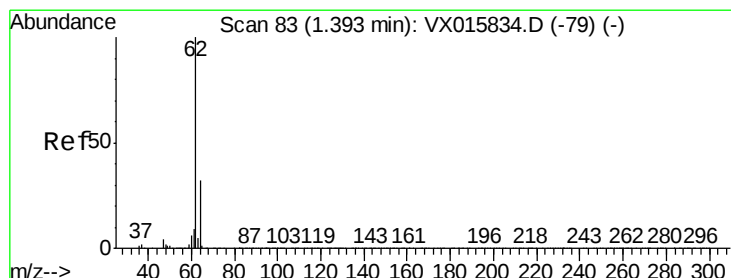
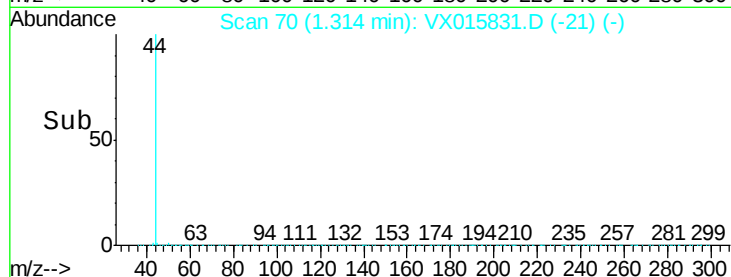
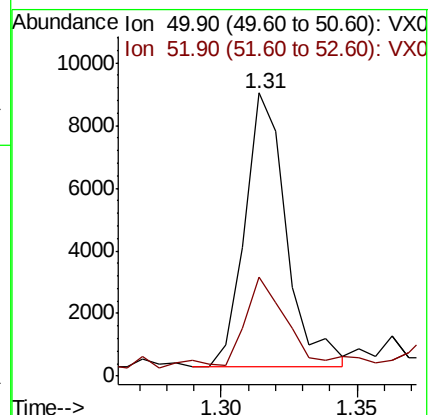
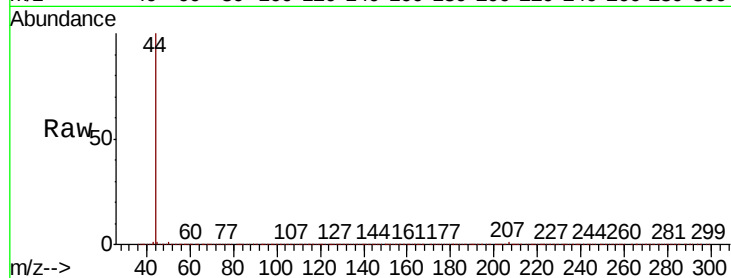
VSTDIC001

Tot Ion: 50 Resp: 9241

Ion Ratio Lower Upper

50 100

52 30.7 26.2 39.4



#4

Vinyl Chloride

Concen: 1.073 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.01 min

Lab File: VX015831.D

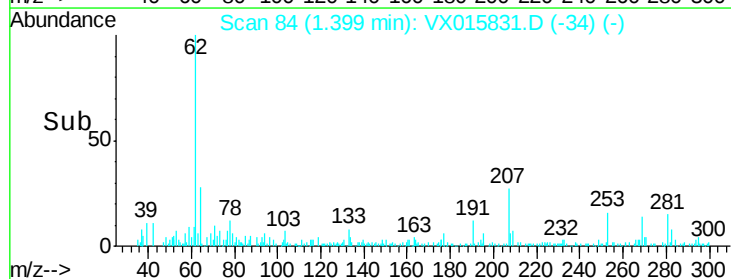
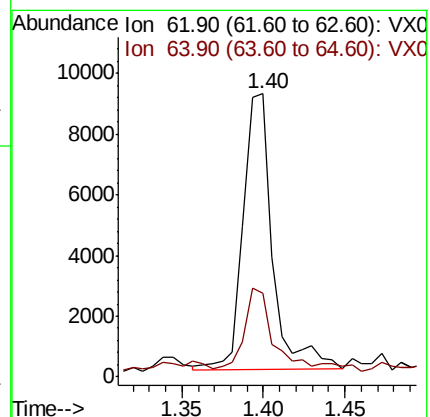
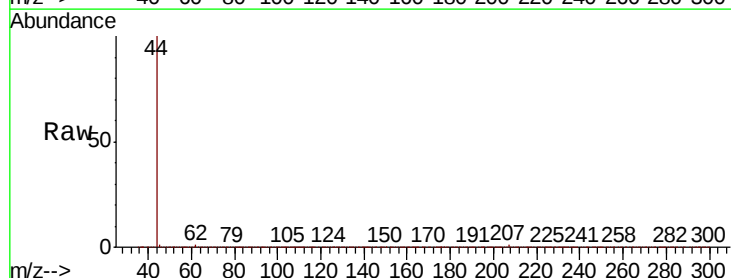
Acq: 22 Apr 2020 09:59

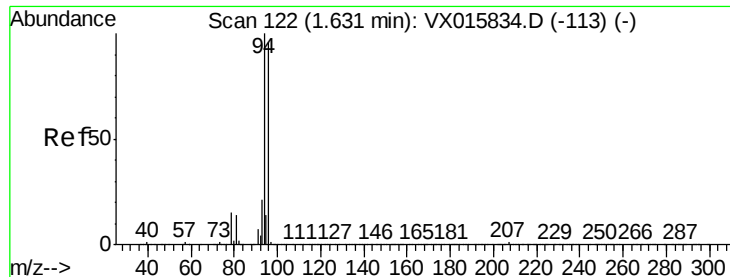
Tgt Ion: 62 Resp: 11501

Ion Ratio Lower Upper

62 100

64 26.6 25.4 38.2





#5

Bromomethane

Concen: 1.156 ug/l

RT: 1.64 min Scan# 123

Delta R.T. 0.01 min

Lab File: VX015831.D

Acq: 22 Apr 2020 09:59

Instrument :

MSVOA_X

ClientSampleId :

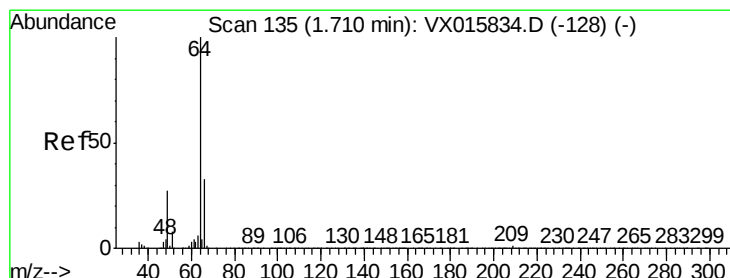
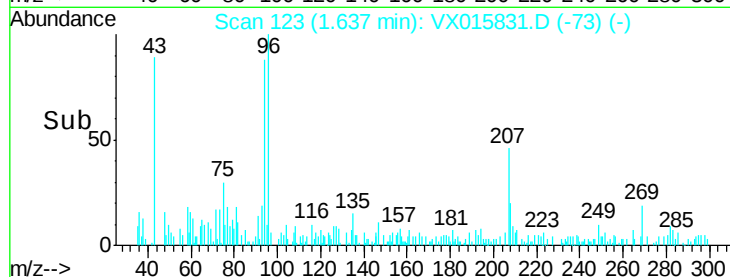
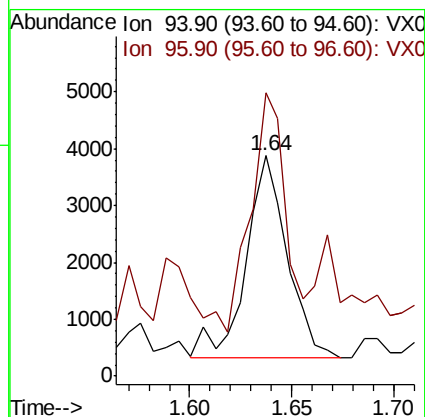
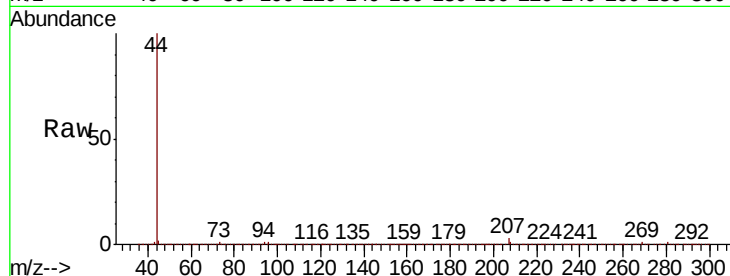
VSTDIC001

Tot Ion: 94 Resp: 4994

Ion Ratio Lower Upper

94 100

96 103.7 76.7 115.1



#6

Chloroethane

Concen: 1.087 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX015831.D

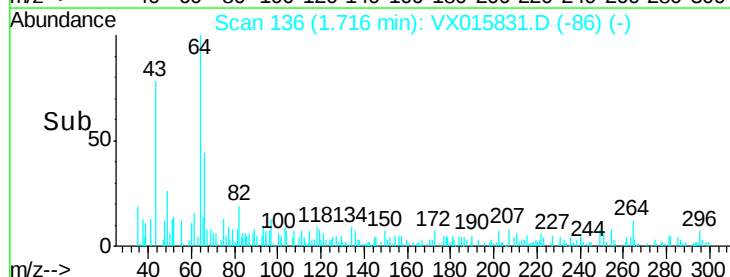
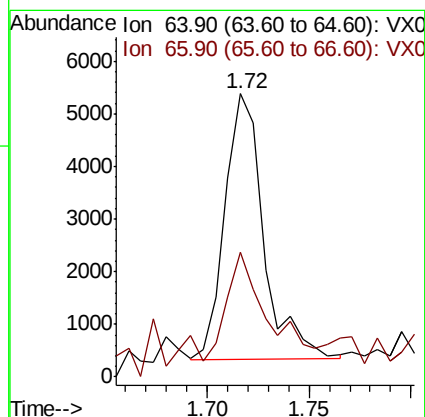
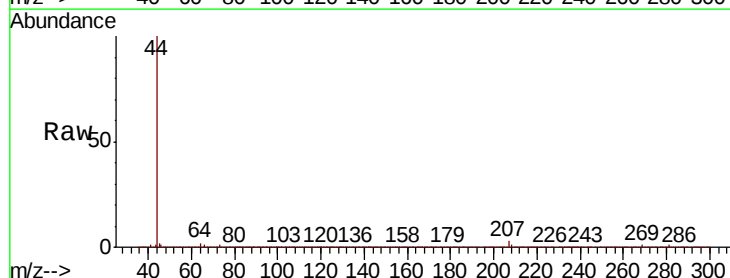
Acq: 22 Apr 2020 09:59

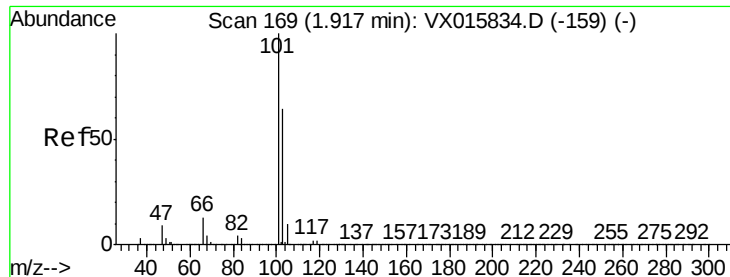
Tgt Ion: 64 Resp: 6679

Ion Ratio Lower Upper

64 100

66 32.6 26.2 39.2





#7

Trichlorofluoromethane

Concen: 1.026 ug/l

RT: 1.92 min Scan# 170

Delta R.T. 0.01 min

Lab File: VX015831.D

Acq: 22 Apr 2020 09:59

Instrument :

MSVOA_X

ClientSampleId :

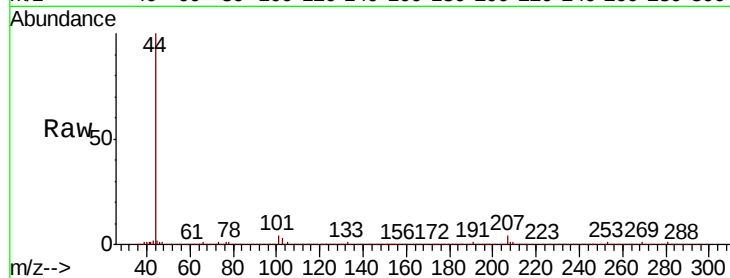
VSTDIC001

Tot Ion:101 Resp: 13867

Ion Ratio Lower Upper

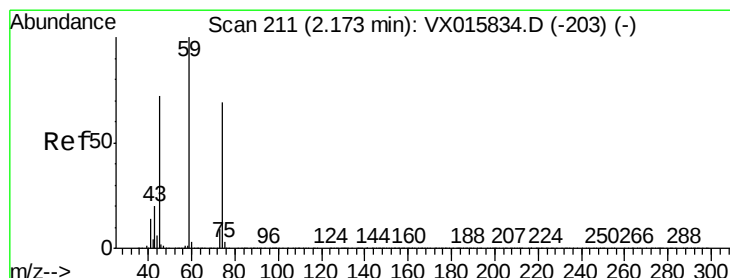
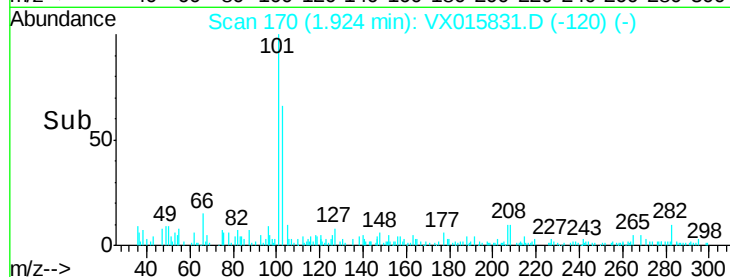
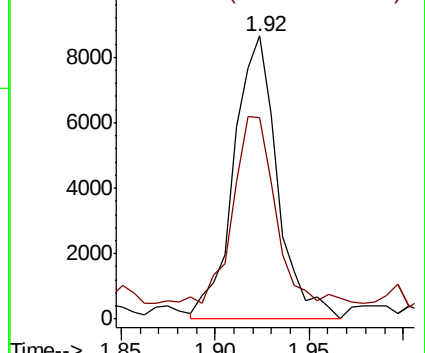
101 100

103 63.5 51.4 77.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 1.055 ug/l

RT: 2.17 min Scan# 210

Delta R.T. -0.01 min

Lab File: VX015831.D

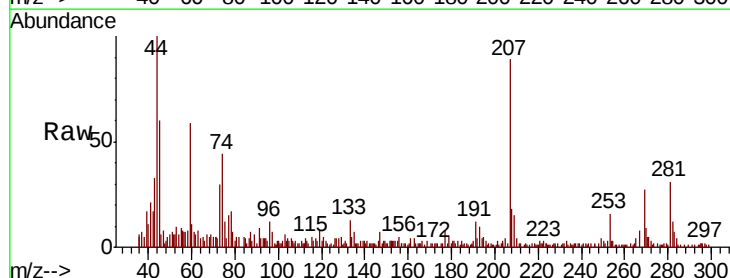
Acq: 22 Apr 2020 09:59

Tgt Ion: 74 Resp: 5762

Ion Ratio Lower Upper

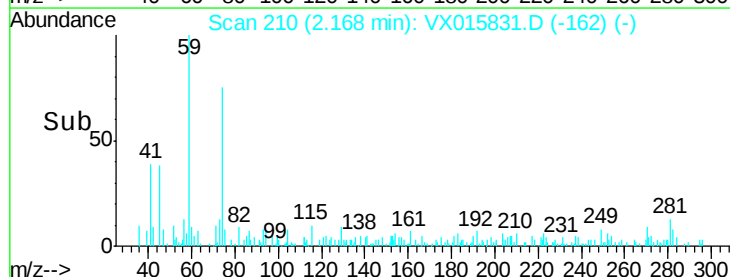
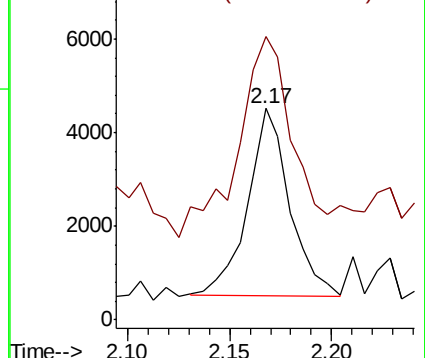
74 100

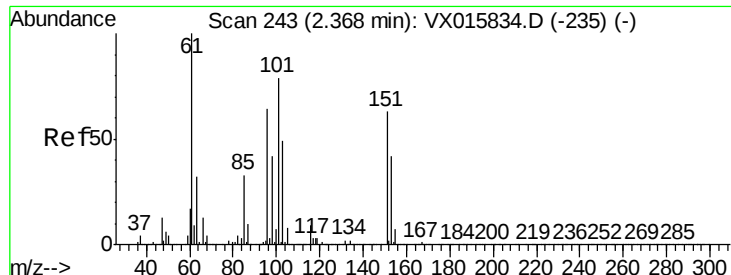
45 154.7 53.8 161.4



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: 1.150 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.00 min

Lab File: VX015831.D

Acq: 22 Apr 2020 09:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

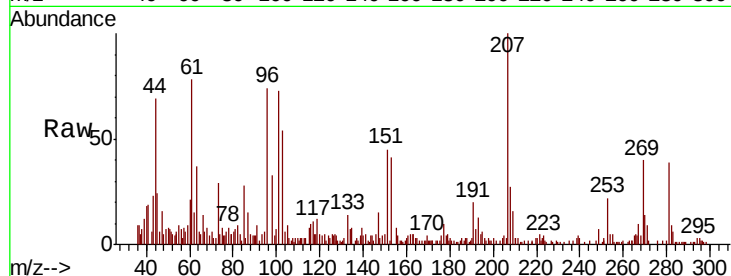
Tot Ion:101 Resp: 10526

Ion Ratio Lower Upper

101 100

85 51.5 33.8 50.6#

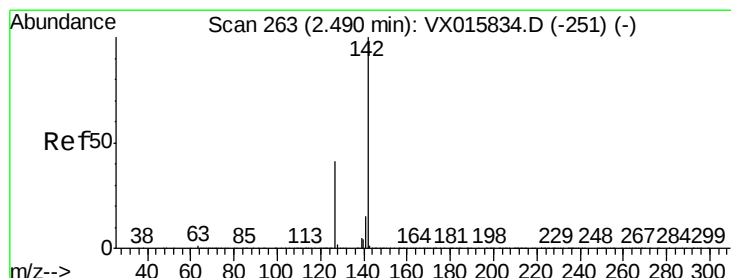
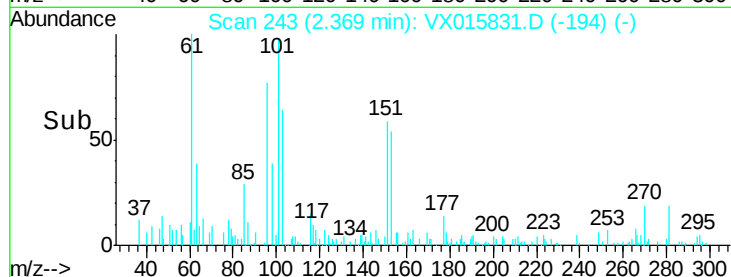
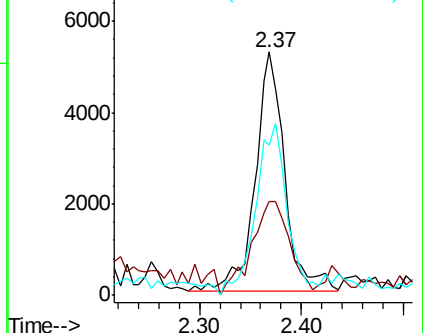
151 77.3 67.8 101.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 1.103 ug/l

RT: 2.49 min Scan# 263

Delta R.T. 0.00 min

Lab File: VX015831.D

Acq: 22 Apr 2020 09:59

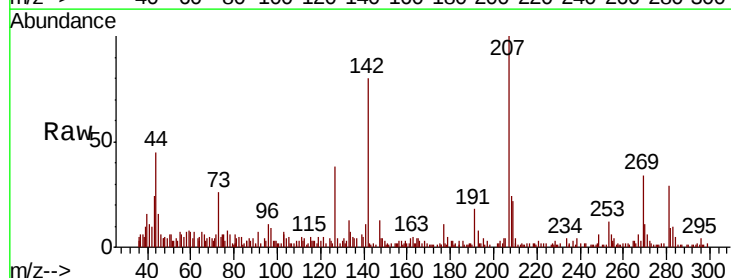
Tgt Ion:142 Resp: 11586

Ion Ratio Lower Upper

142 100

127 43.2 33.3 49.9

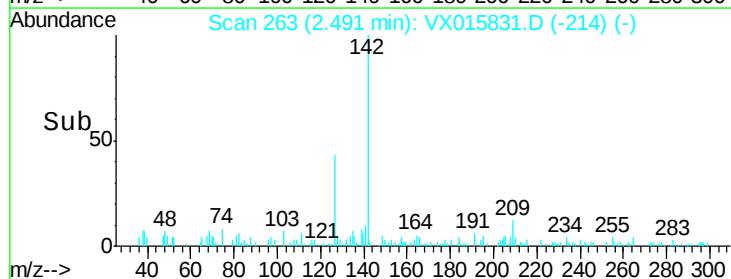
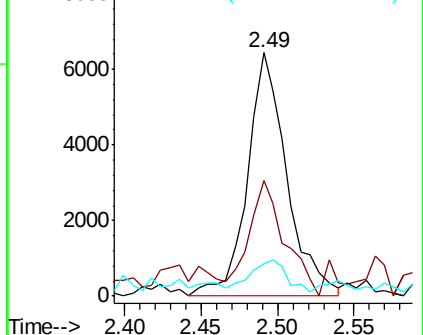
141 12.0 11.8 17.6

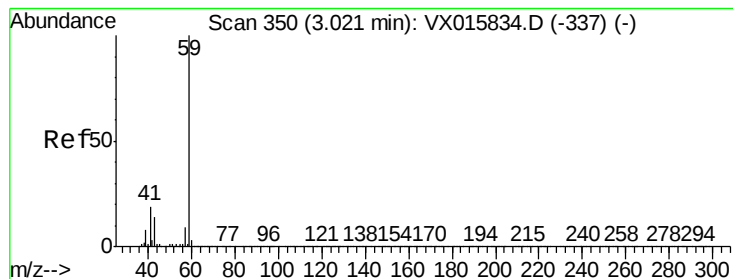


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 4.716 ug/l

RT: 3.01 min Scan# 348

Delta R.T. -0.01 min

Lab File: VX015831.D

Acq: 22 Apr 2020 09:59

Instrument :

MSVOA_X

ClientSampleId :

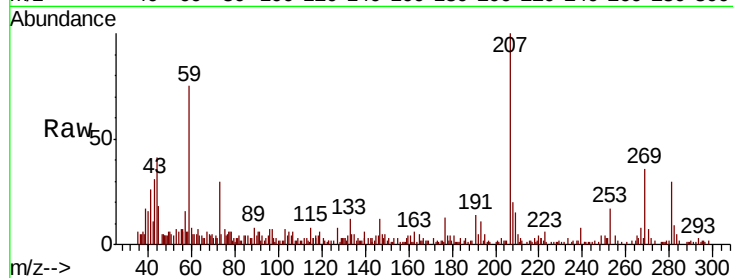
VSTDIC001

Tot Ion: 59 Resp: 11280

Ion Ratio Lower Upper

59 100

57 21.1 8.2 12.2#

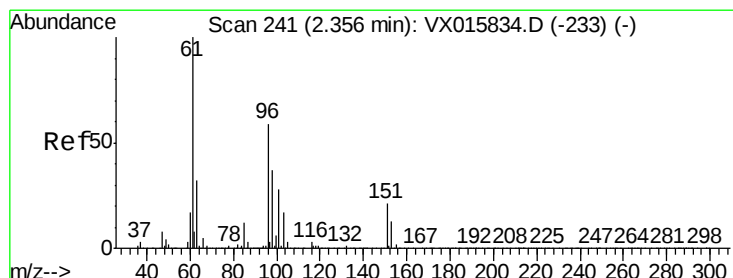
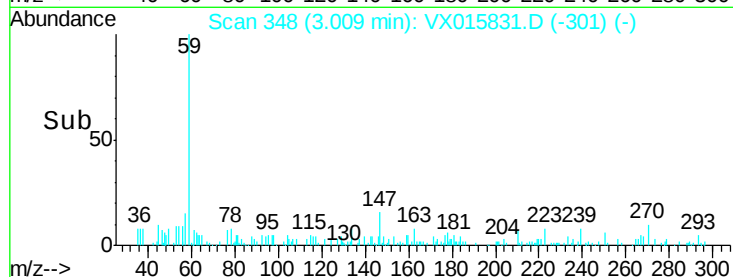


Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.01

Time-->



#12

1,1-Dichloroethene

Concen: 1.032 ug/l

RT: 2.36 min Scan# 241

Delta R.T. 0.00 min

Lab File: VX015831.D

Acq: 22 Apr 2020 09:59

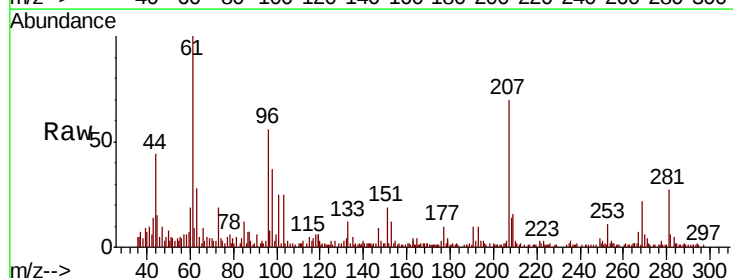
Tgt Ion: 96 Resp: 9587

Ion Ratio Lower Upper

96 100

61 205.7 135.0 202.6#

98 71.9 50.6 76.0



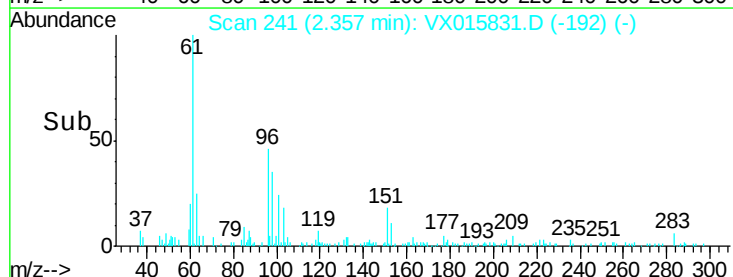
Abundance Ion 95.90 (95.60 to 96.60): VX0

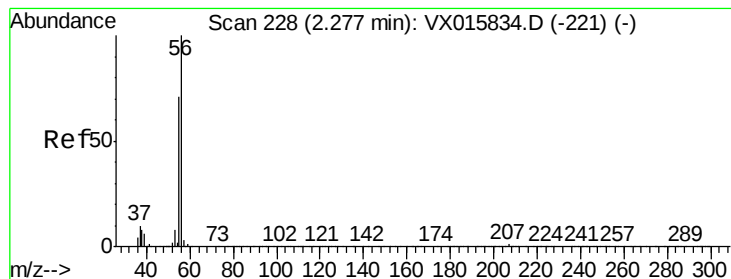
Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

2.36

Time-->





#13

Acrolein

Concen: 5.854 ug/l

RT: 2.27 min Scan# 227

Delta R.T. -0.01 min

Lab File: VX015831.D

Acq: 22 Apr 2020 09:59

Instrument :

MSVOA_X

ClientSampleId :

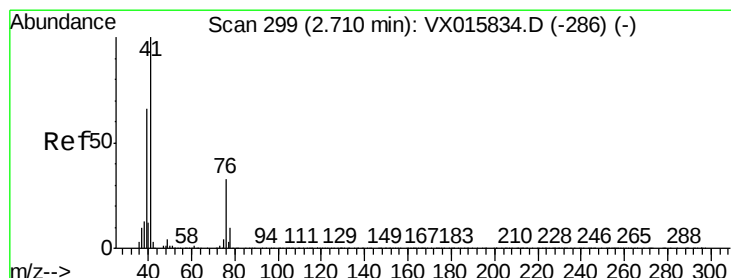
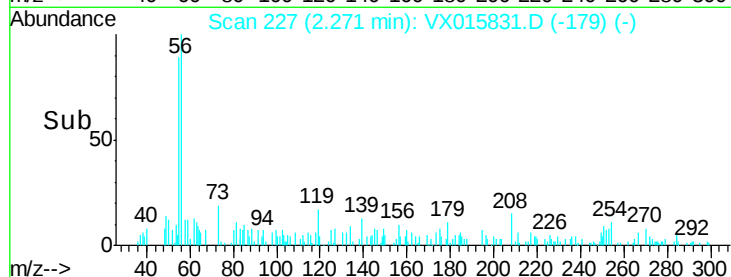
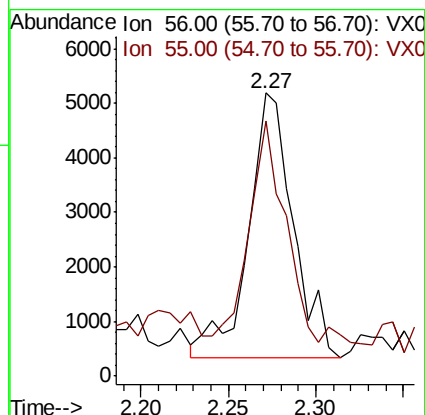
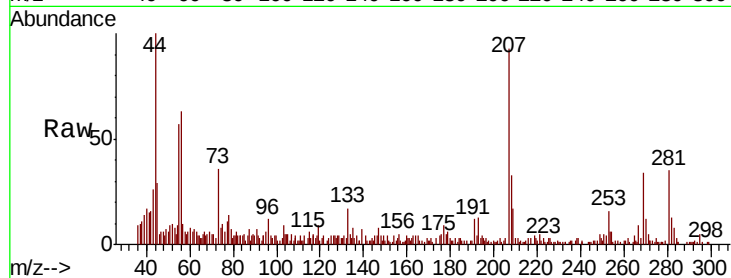
VSTDIC001

Tot Ion: 56 Resp: 8585

Ion Ratio Lower Upper

56 100

55 66.6 56.1 84.1



#14

Allyl chloride

Concen: 1.052 ug/l

RT: 2.71 min Scan# 299

Delta R.T. 0.00 min

Lab File: VX015831.D

Acq: 22 Apr 2020 09:59

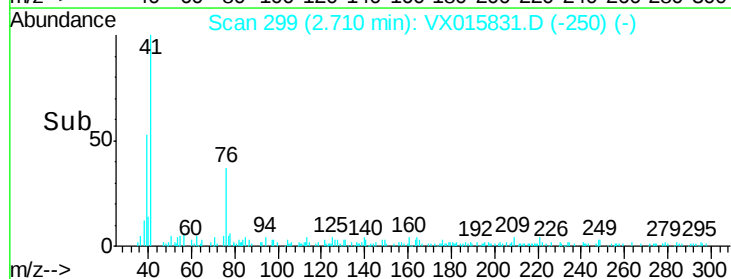
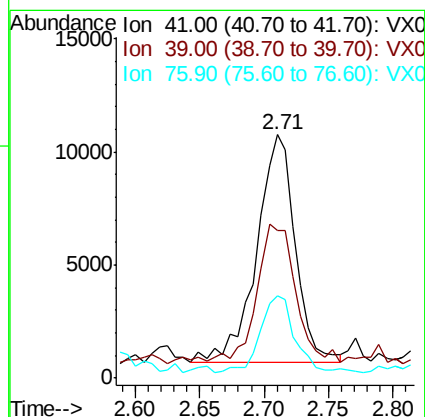
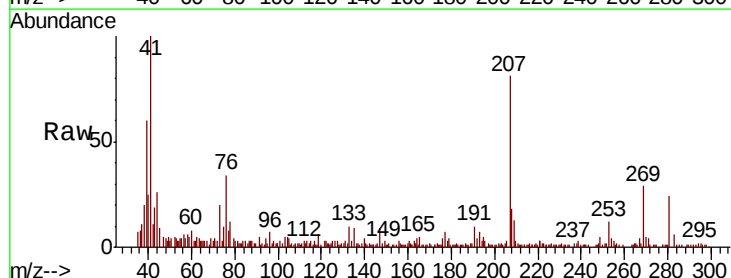
Tgt Ion: 41 Resp: 20943

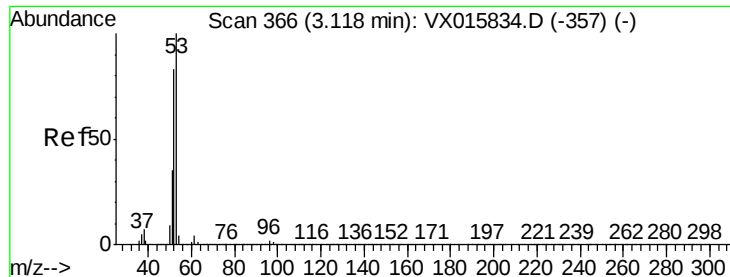
Ion Ratio Lower Upper

41 100

39 57.5 48.4 72.6

76 30.8 23.8 35.8





#15

Acrylonitrile

Concen: 4.802 ug/l

RT: 3.11 min Scan# 365

Delta R.T. -0.01 min

Lab File: VX015831.D

Acq: 22 Apr 2020 09:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

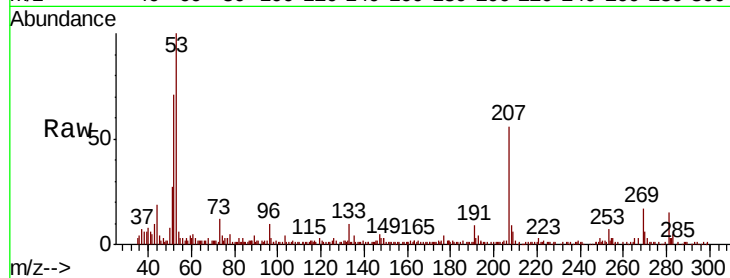
Tot Ion: 53 Resp: 27162

Ion Ratio Lower Upper

53 100

52 84.4 66.2 99.4

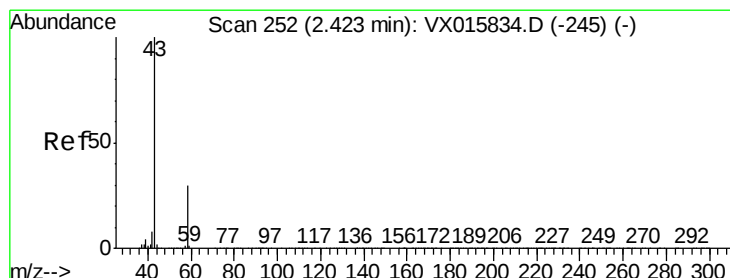
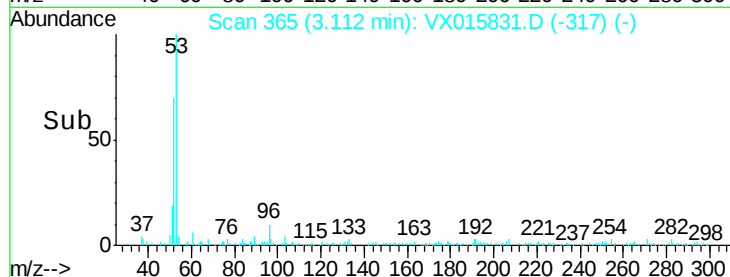
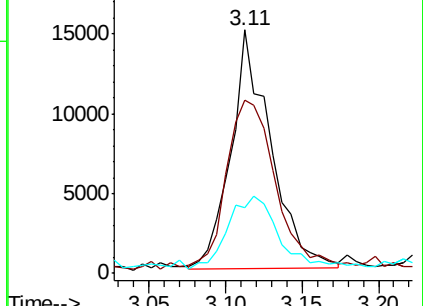
51 39.6 28.6 43.0



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 6.294 ug/l

RT: 2.42 min Scan# 251

Delta R.T. -0.01 min

Lab File: VX015831.D

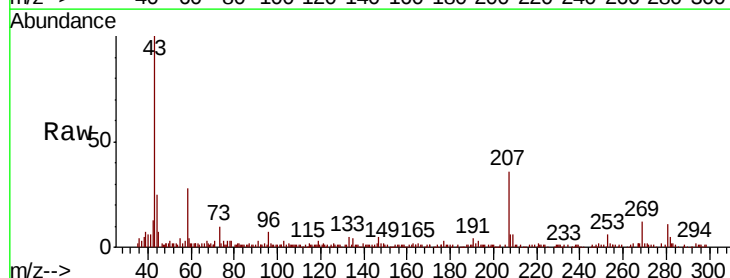
Acq: 22 Apr 2020 09:59

Tgt Ion: 43 Resp: 34344

Ion Ratio Lower Upper

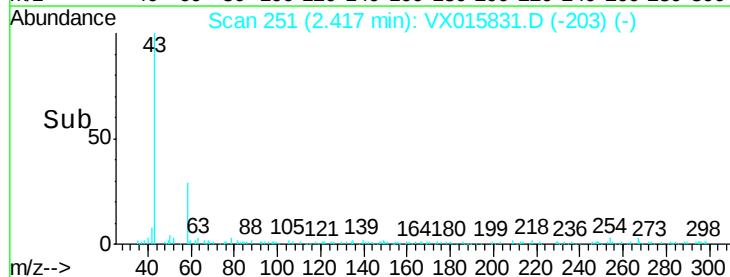
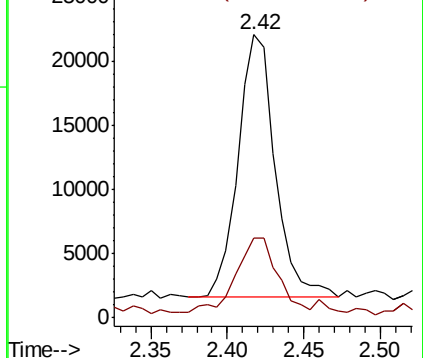
43 100

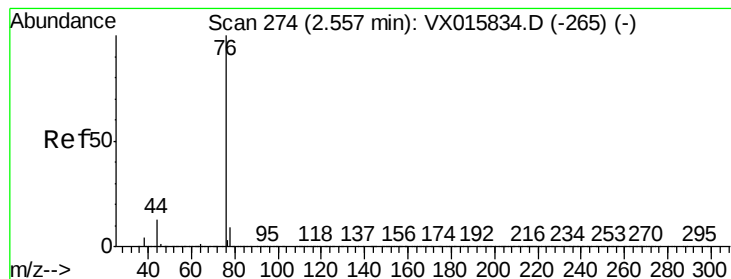
58 28.8 24.0 36.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 1.714 ug/l

RT: 2.55 min Scan# 273

Delta R.T. -0.01 min

Lab File: VX015831.D

Acq: 22 Apr 2020 09:59

Instrument :

MSVOA_X

ClientSampleId :

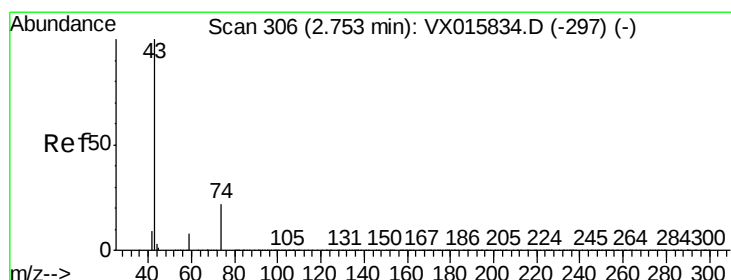
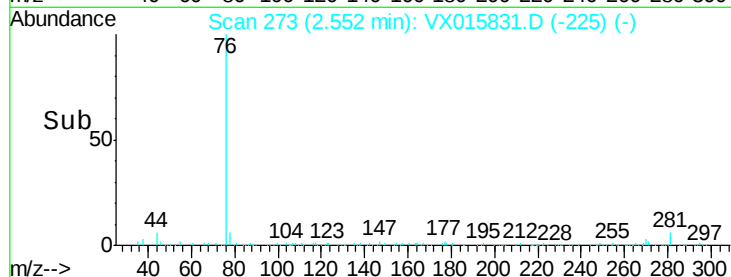
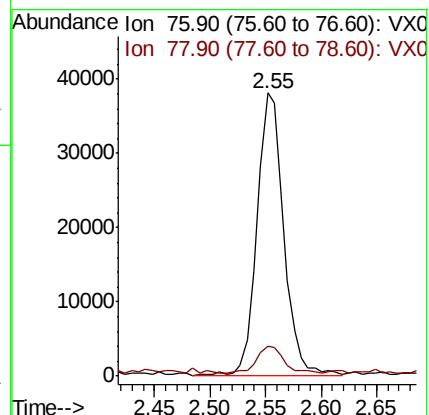
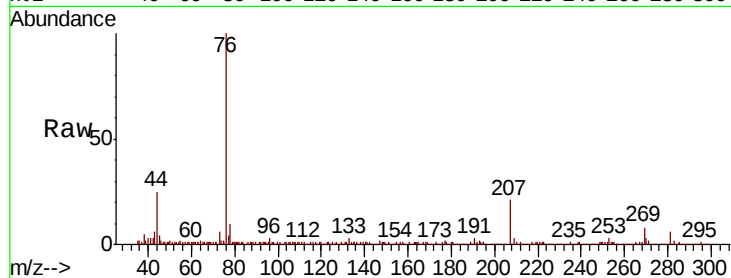
VSTDIC001

Tot Ion: 76 Resp: 64523

Ion Ratio Lower Upper

76 100

78 8.3 7.4 11.2



#18

Methyl Acetate

Concen: 1.102 ug/l

RT: 2.75 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX015831.D

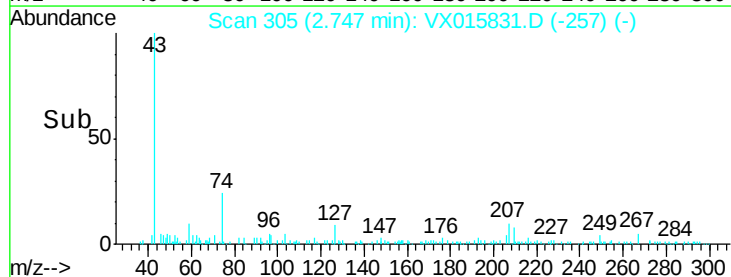
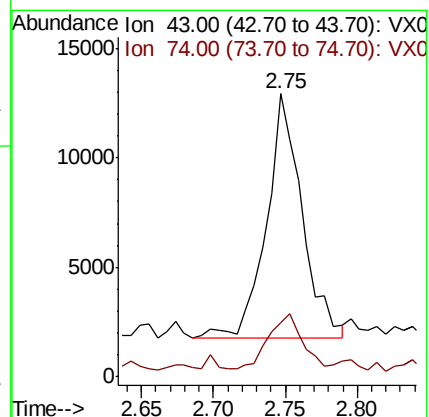
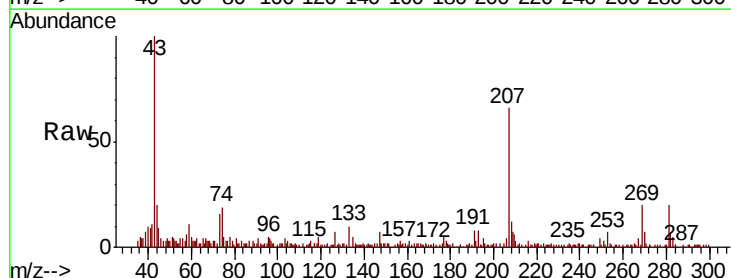
Acq: 22 Apr 2020 09:59

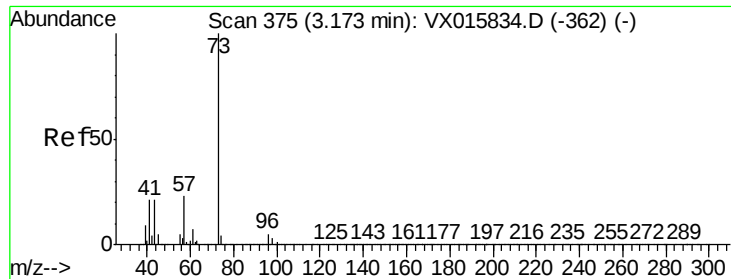
Tgt Ion: 43 Resp: 19079

Ion Ratio Lower Upper

43 100

74 21.7 17.9 26.9

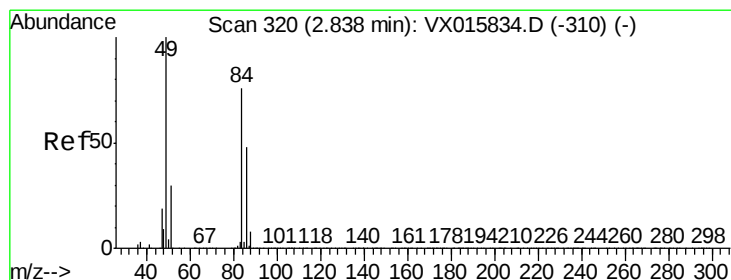
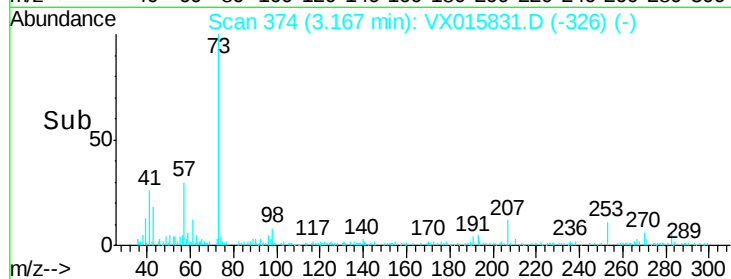
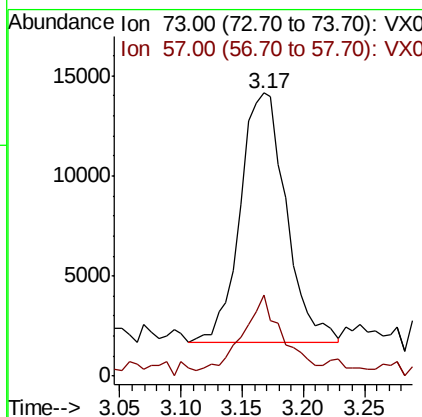
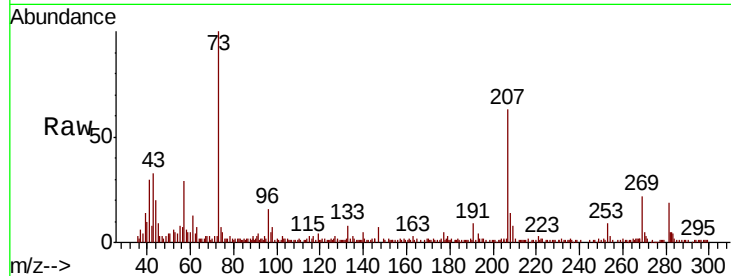




#19
Methyl tert-butyl Ether
Concen: 0.993 ug/l
RT: 3.17 min Scan# 374
Delta R.T. -0.01 min
Lab File: VX015831.D
Acq: 22 Apr 2020 09:59

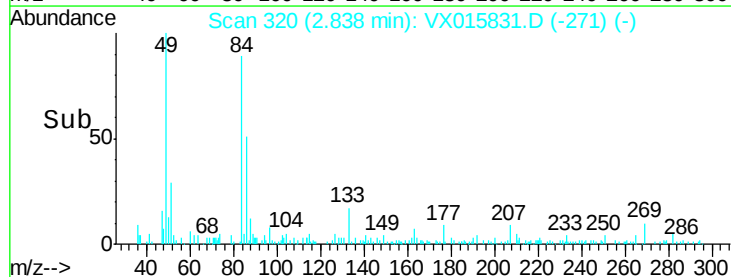
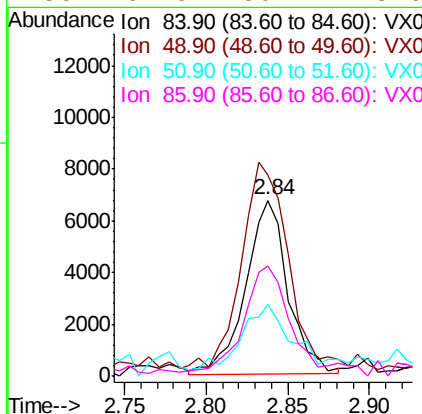
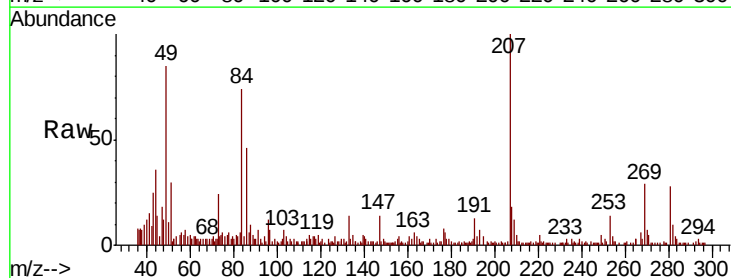
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

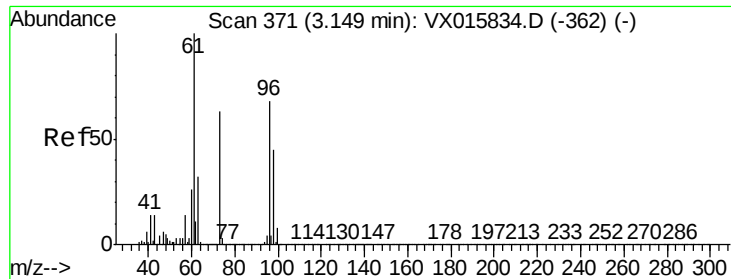
Tot Ion: 73 Resp: 32448
Ion Ratio Lower Upper
73 100
57 29.3 18.1 27.1#



#20
Methylene Chloride
Concen: 1.124 ug/l
RT: 2.84 min Scan# 320
Delta R.T. 0.00 min
Lab File: VX015831.D
Acq: 22 Apr 2020 09:59

Tgt Ion: 84 Resp: 12171
Ion Ratio Lower Upper
84 100
49 112.2 104.9 157.3
51 38.2 32.0 48.0
86 61.9 50.4 75.6





#21

trans-1,2-Dichloroethene

Concen: 1.083 ug/l

RT: 3.15 min Scan# 371

Delta R.T. 0.00 min

Lab File: VX015831.D

Acq: 22 Apr 2020 09:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

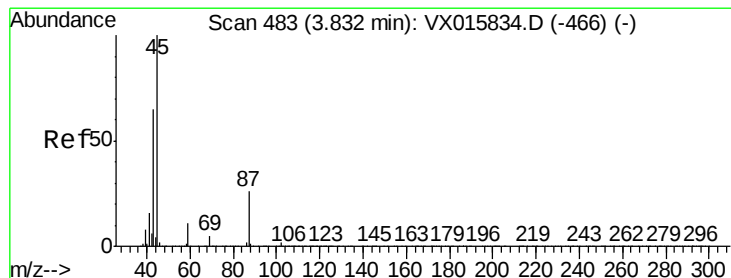
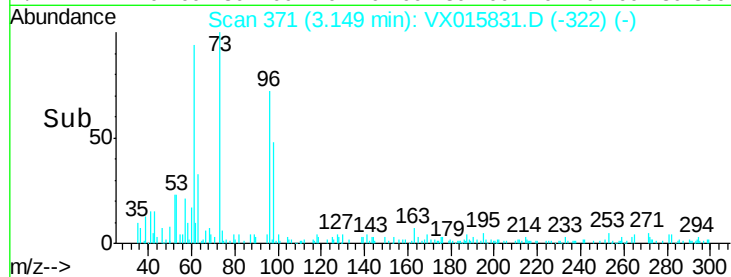
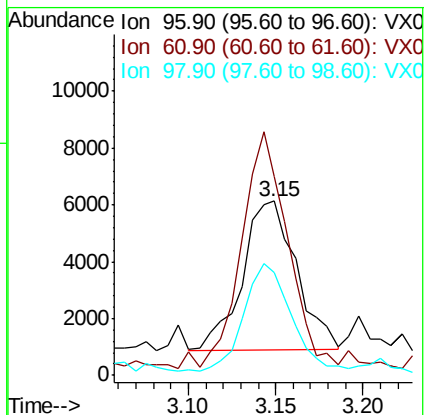
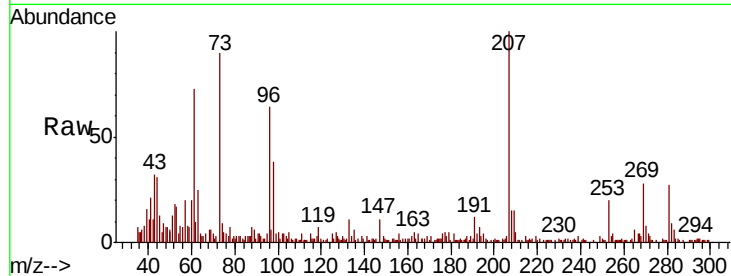
Tot Ion: 96 Resp: 11279

Ion Ratio Lower Upper

96 100

61 127.1 117.5 176.3

98 66.0 52.7 79.1



#22

Diisopropyl ether

Concen: 1.003 ug/l

RT: 3.83 min Scan# 483

Delta R.T. 0.00 min

Lab File: VX015831.D

Acq: 22 Apr 2020 09:59

Tgt Ion: 45 Resp: 35933

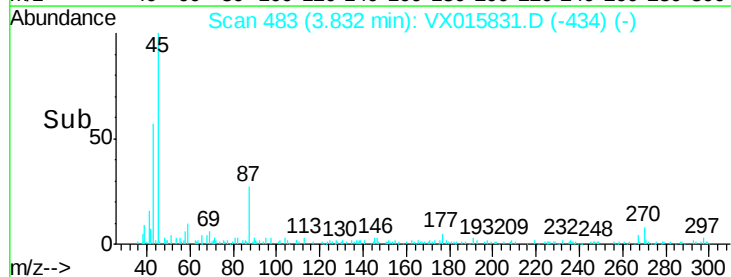
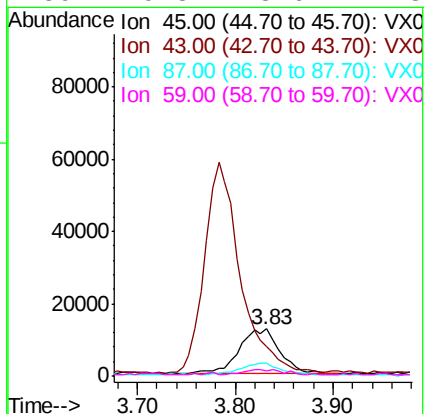
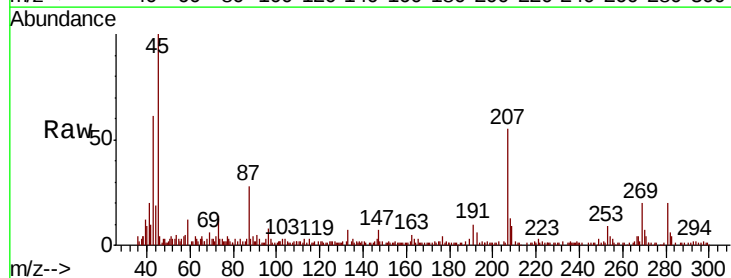
Ion Ratio Lower Upper

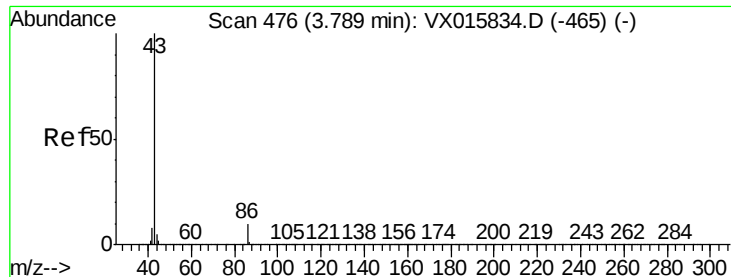
45 100

43 53.7 52.4 78.6

87 26.9 20.7 31.1

59 9.8 8.6 12.8





#23

Vinyl Acetate

Concen: 4.942 ug/l

RT: 3.78 min Scan# 475

Delta R.T. -0.01 min

Lab File: VX015831.D

Acq: 22 Apr 2020 09:59

Instrument :

MSVOA_X

ClientSampleId :

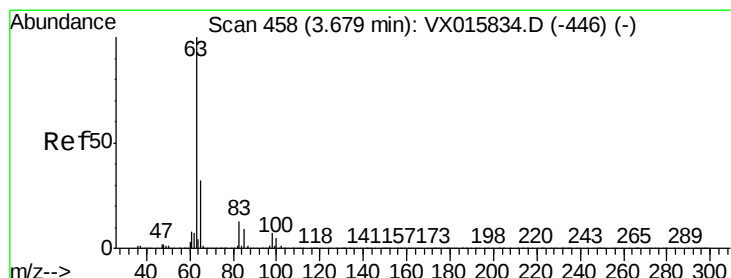
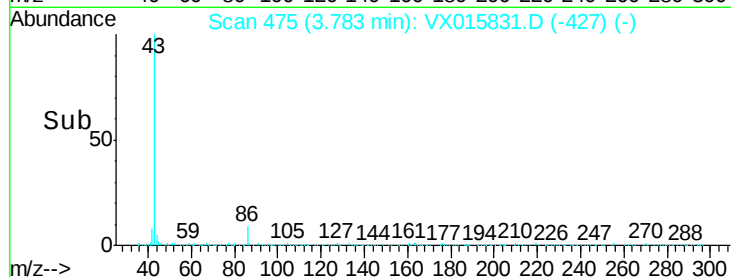
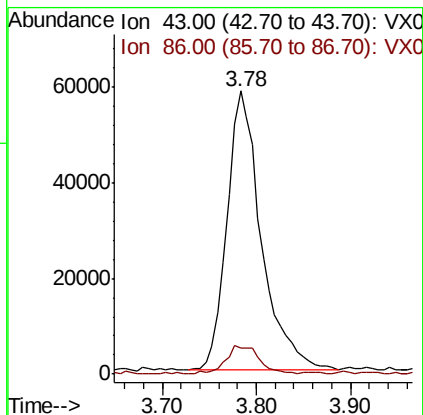
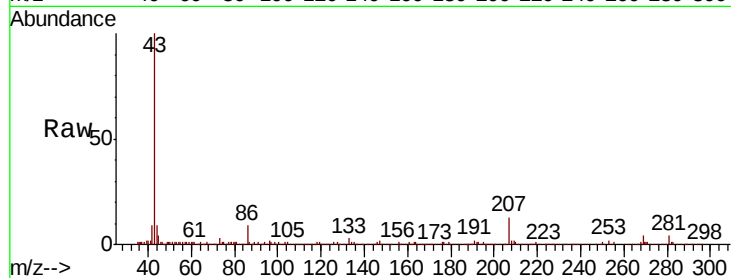
VSTDIC001

Tot Ion: 43 Resp: 147999

Ion Ratio Lower Upper

43 100

86 9.4 8.0 12.0



#24

1,1-Dichloroethane

Concen: 0.982 ug/l

RT: 3.67 min Scan# 457

Delta R.T. -0.01 min

Lab File: VX015831.D

Acq: 22 Apr 2020 09:59

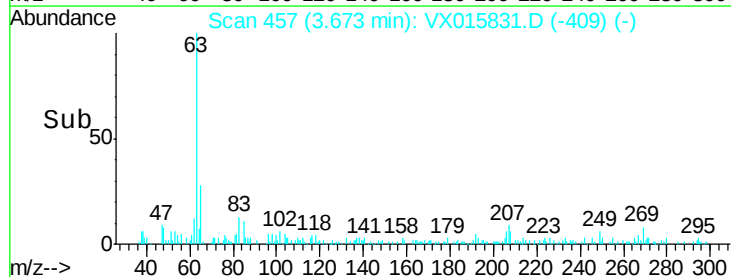
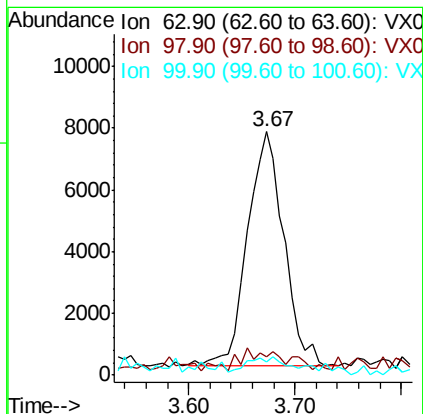
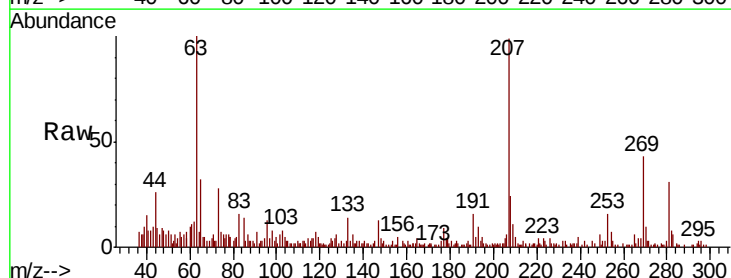
Tgt Ion: 63 Resp: 18128

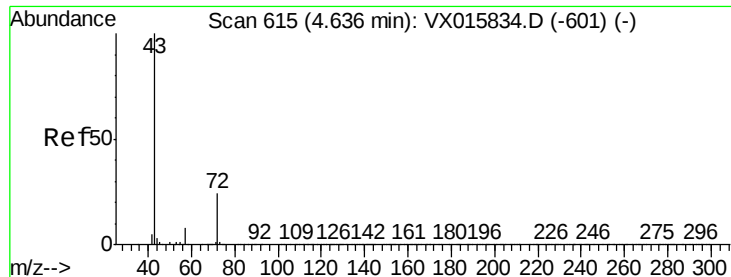
Ion Ratio Lower Upper

63 100

98 3.6 3.5 10.4

100 4.3 2.3 6.8

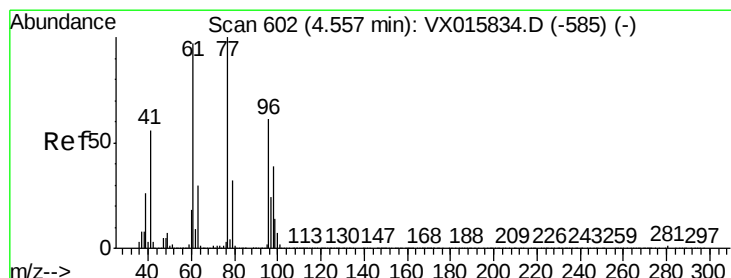
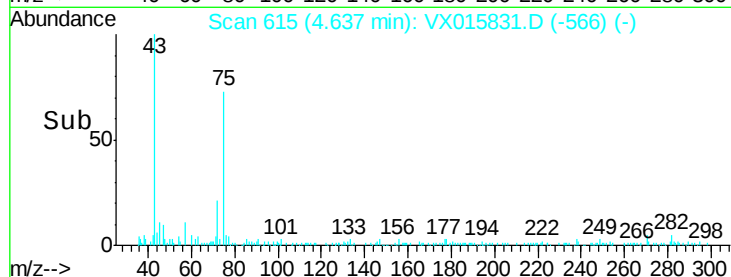
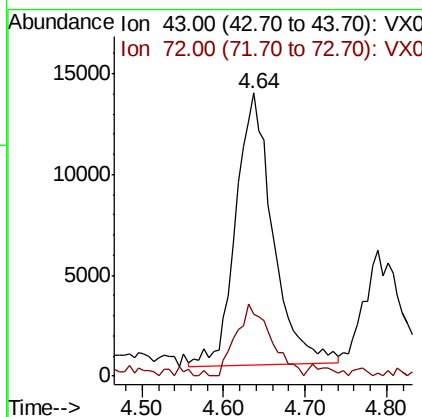
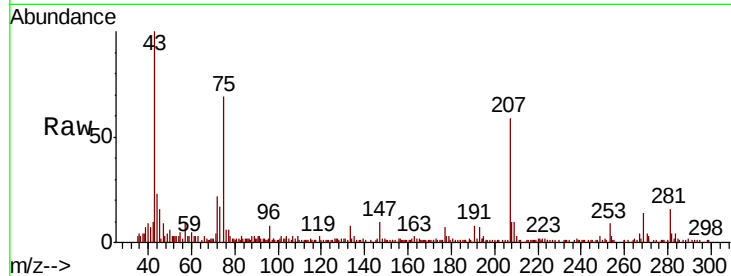




#25
2-Butanone
Concen: 5.133 ug/l
RT: 4.64 min Scan# 615
Delta R.T. 0.00 min
Lab File: VX015831.D
Acq: 22 Apr 2020 09:59

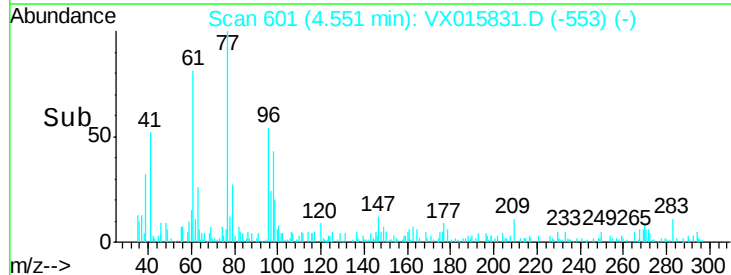
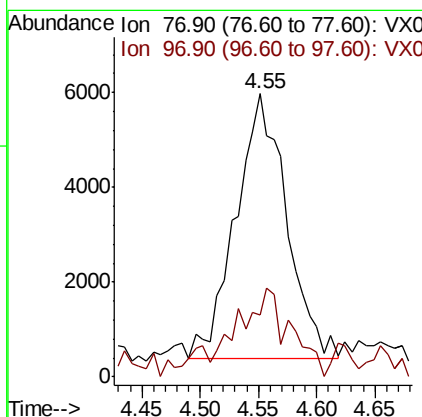
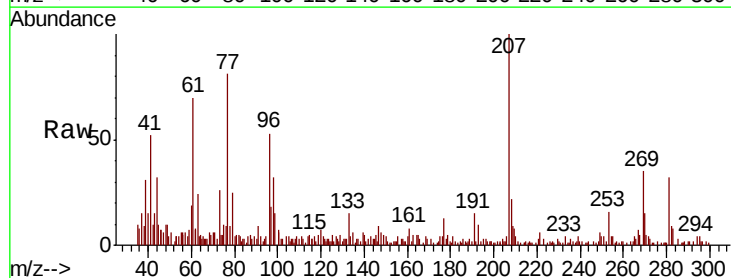
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

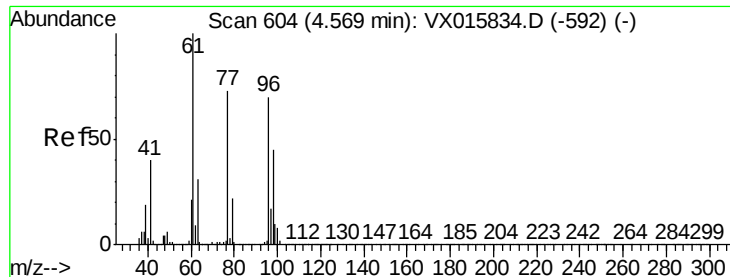
Tot Ion: 43 Resp: 42347
Ion Ratio Lower Upper
43 100
72 22.1 19.4 29.2



#26
2,2-Dichloropropane
Concen: 1.023 ug/l
RT: 4.55 min Scan# 601
Delta R.T. -0.01 min
Lab File: VX015831.D
Acq: 22 Apr 2020 09:59

Tgt Ion: 77 Resp: 16964
Ion Ratio Lower Upper
77 100
97 33.5 11.4 34.1



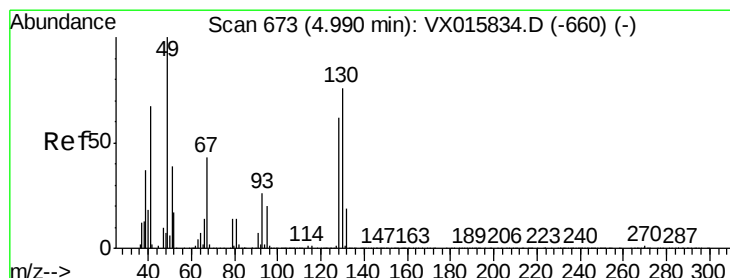
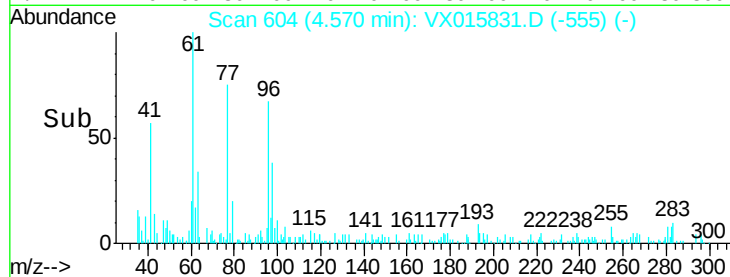
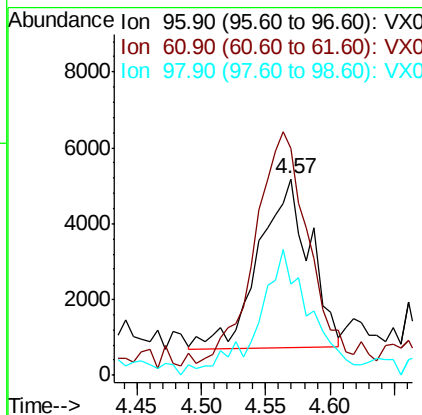
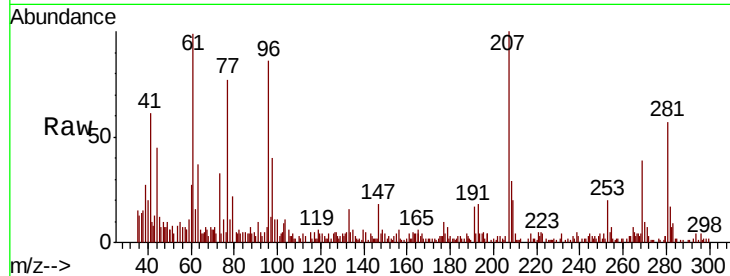


#27

cis-1,2-Dichloroethene
Concen: 1.045 ug/l
RT: 4.57 min Scan# 604
Delta R.T. 0.00 min
Lab File: VX015831.D
Acq: 22 Apr 2020 09:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

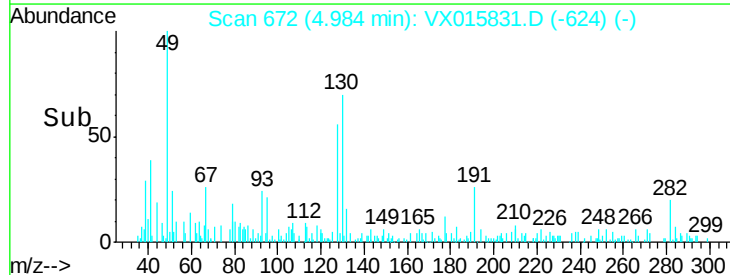
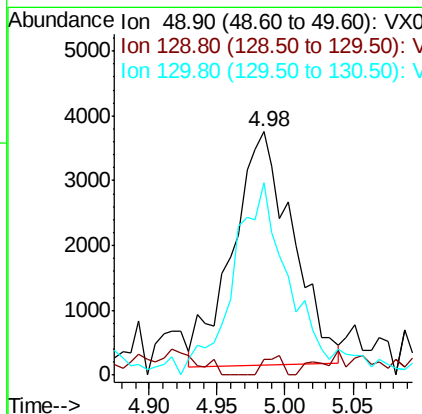
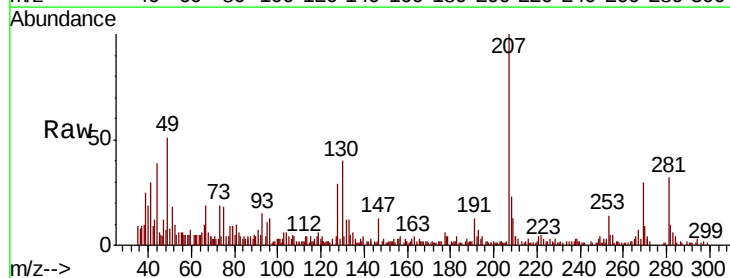
Tot Ion: 96 Resp: 12173
Ion Ratio Lower Upper
96 100
61 142.2 0.0 299.4
98 77.9 0.0 129.6

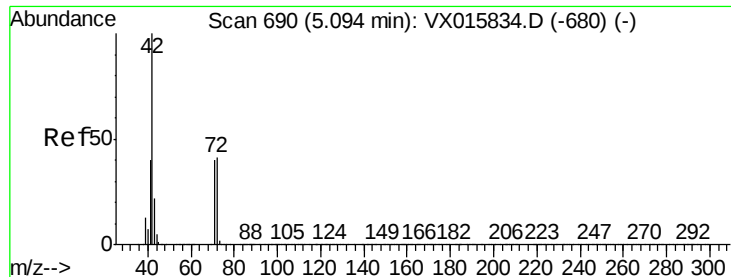


#28

Bromochloromethane
Concen: 1.104 ug/l
RT: 4.98 min Scan# 672
Delta R.T. -0.01 min
Lab File: VX015831.D
Acq: 22 Apr 2020 09:59

Tgt Ion: 49 Resp: 11073
Ion Ratio Lower Upper
49 100
129 2.6 0.0 1.8#
130 75.1 62.4 93.6





#29

Tetrahydrofuran

Concen: 5.016 ug/l

RT: 5.10 min Scan# 691

Delta R.T. 0.01 min

Lab File: VX015831.D

Acq: 22 Apr 2020 09:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

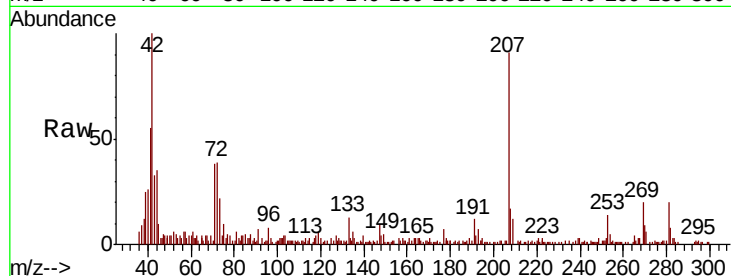
Tot Ion: 42 Resp: 27479

Ion Ratio Lower Upper

42 100

72 35.4 33.0 49.6

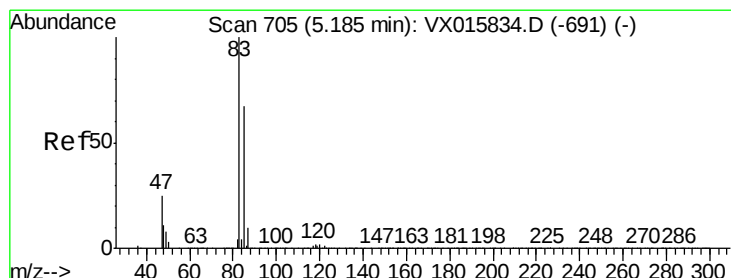
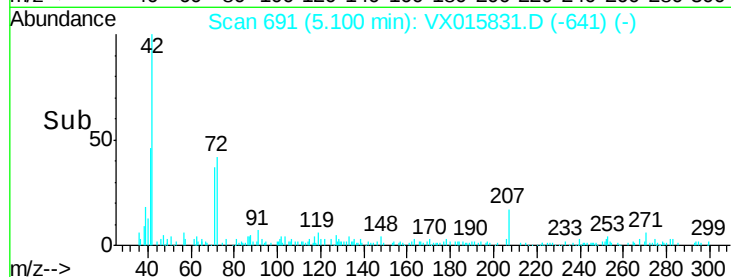
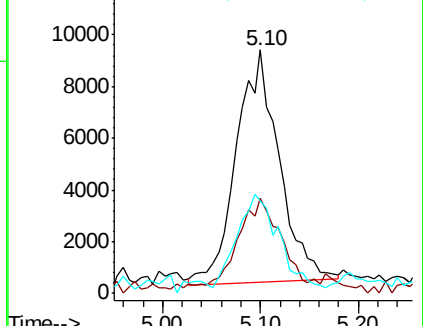
71 38.2 30.6 45.8



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 1.084 ug/l

RT: 5.17 min Scan# 703

Delta R.T. -0.01 min

Lab File: VX015831.D

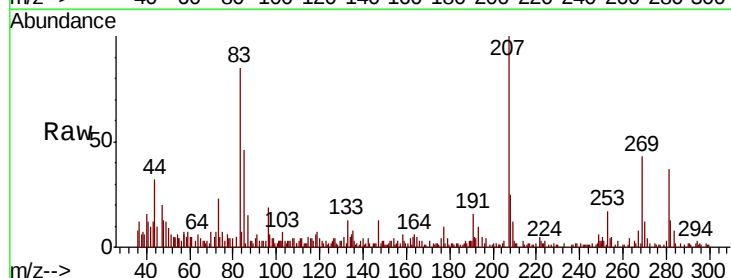
Acq: 22 Apr 2020 09:59

Tgt Ion: 83 Resp: 20391

Ion Ratio Lower Upper

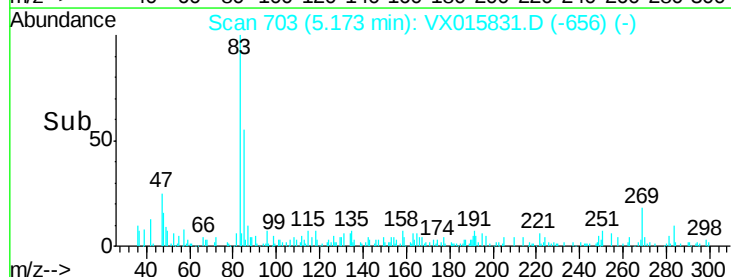
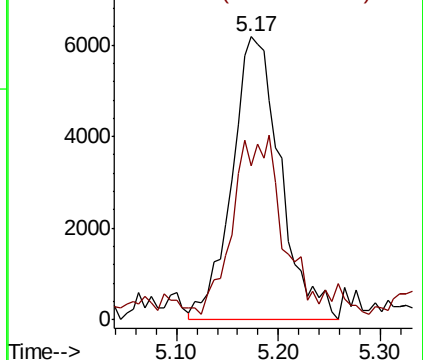
83 100

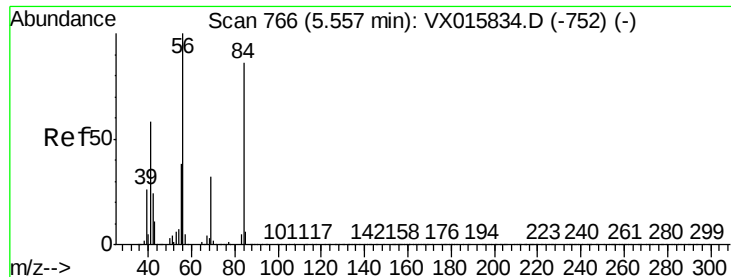
85 50.2 53.4 80.0#



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 1.066 ug/l

RT: 5.54 min Scan# 764

Delta R.T. -0.01 min

Lab File: VX015831.D

Acq: 22 Apr 2020 09:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

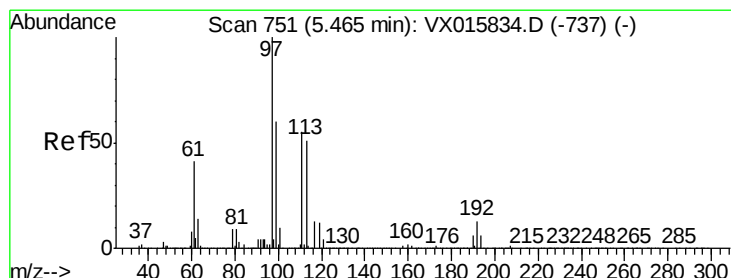
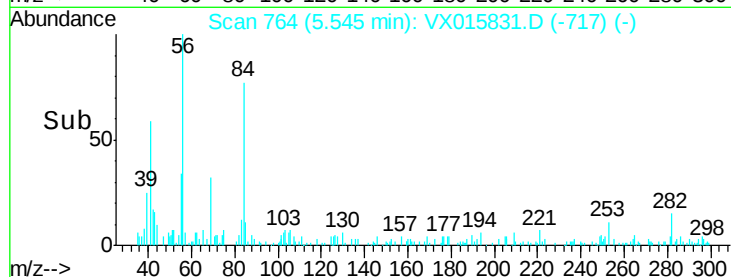
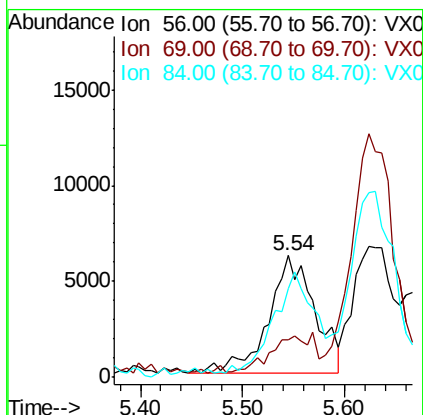
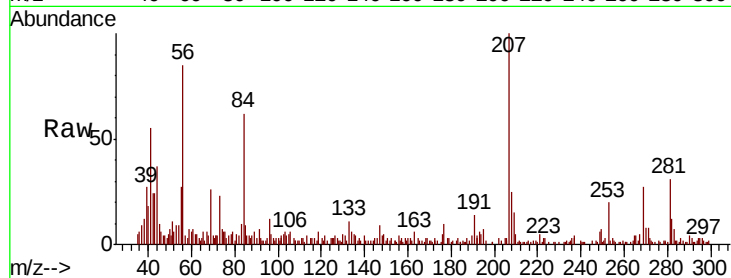
Tot Ion: 56 Resp: 19133

Ion Ratio Lower Upper

56 100

69 26.6 25.3 37.9

84 71.1 69.1 103.7



#32

1,1,1-Trichloroethane

Concen: 0.979 ug/l

RT: 5.47 min Scan# 751

Delta R.T. 0.00 min

Lab File: VX015831.D

Acq: 22 Apr 2020 09:59

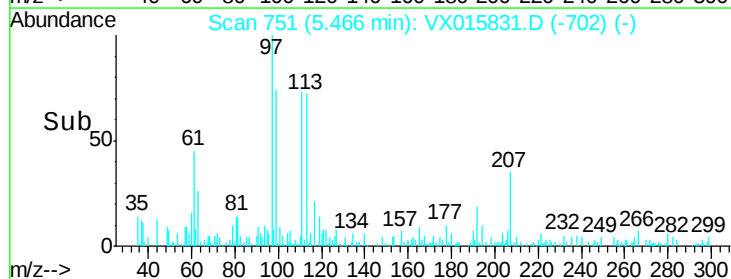
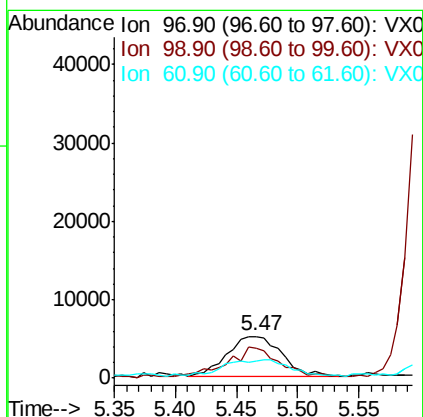
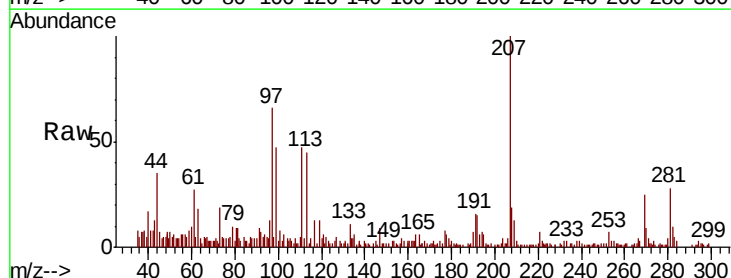
Tgt Ion: 97 Resp: 16256

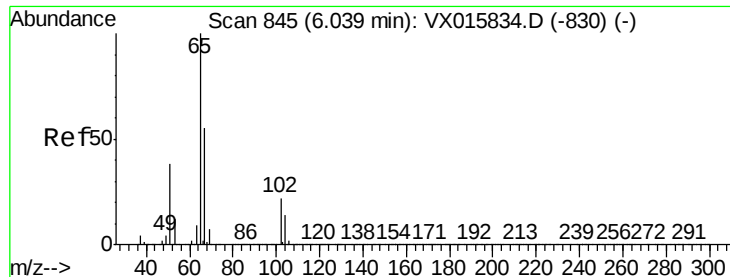
Ion Ratio Lower Upper

97 100

99 0.0 51.2 76.8#

61 47.1 34.1 51.1





#33

1,2-Dichloroethane-d4

Concen: 1.178 ug/l

RT: 6.03 min Scan# 843

Delta R.T. -0.01 min

Lab File: VX015831.D

Acq: 22 Apr 2020 09:59

Instrument :

MSVOA_X

ClientSampleId :

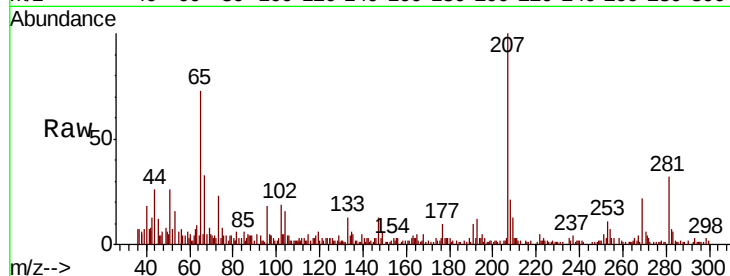
VSTDIC001

Tot Ion: 65 Resp: 14915

Ion Ratio Lower Upper

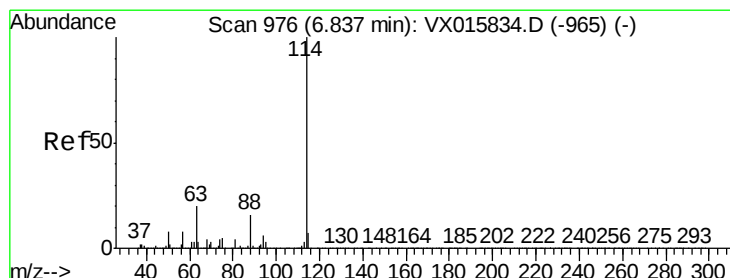
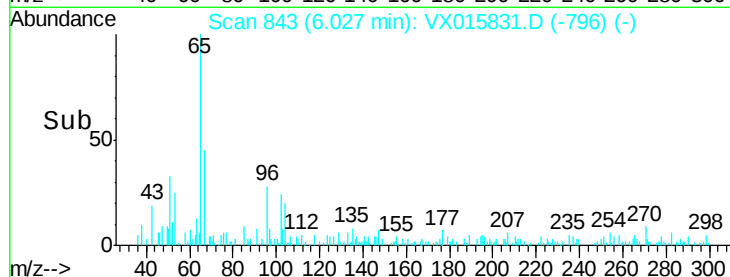
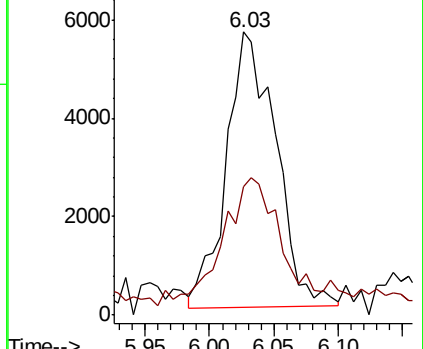
65 100

67 54.3 0.0 104.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 975

Delta R.T. -0.01 min

Lab File: VX015831.D

Acq: 22 Apr 2020 09:59

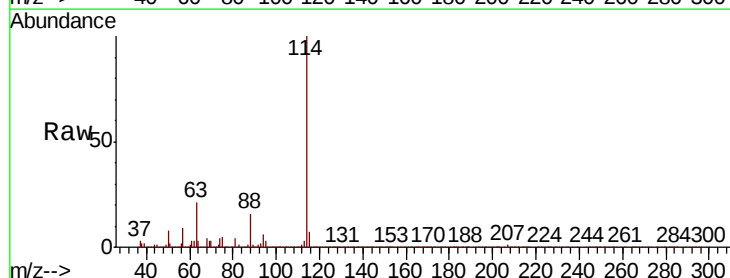
Tgt Ion: 114 Resp: 1572514

Ion Ratio Lower Upper

114 100

63 20.7 0.0 40.6

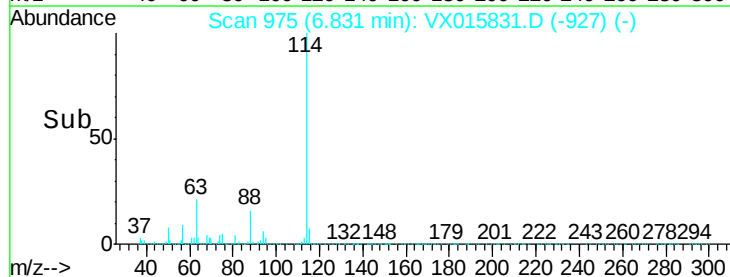
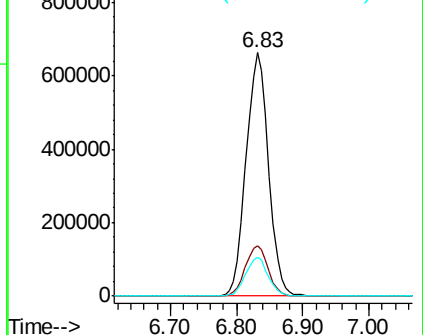
88 15.8 0.0 32.8

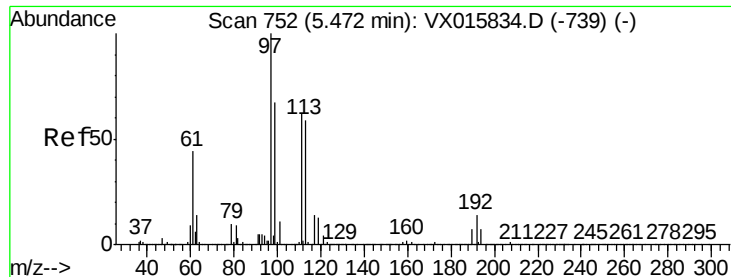


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 1.274 ug/l

RT: 5.47 min Scan# 752

Delta R.T. 0.00 min

Lab File: VX015831.D

Acq: 22 Apr 2020 09:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

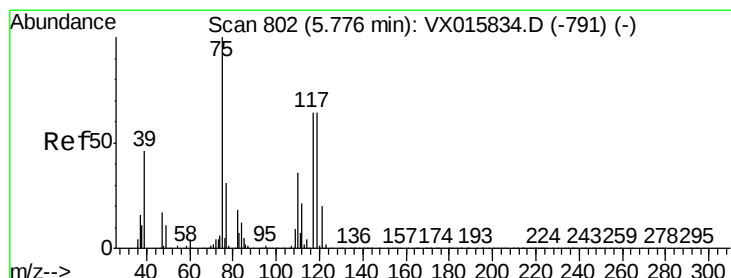
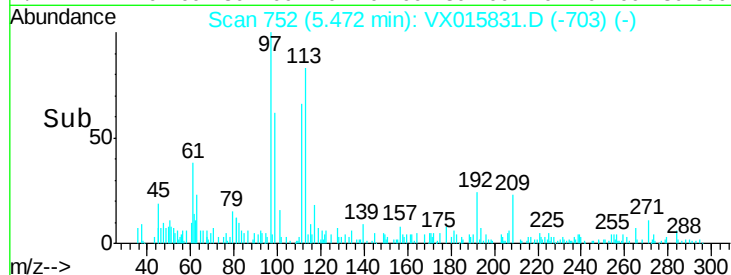
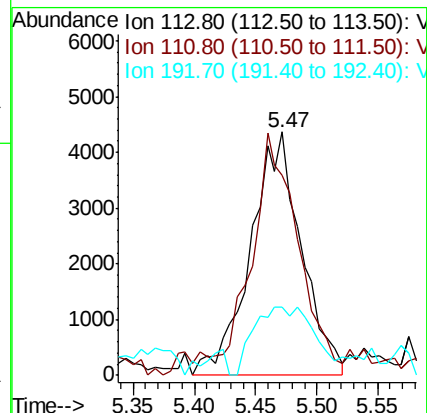
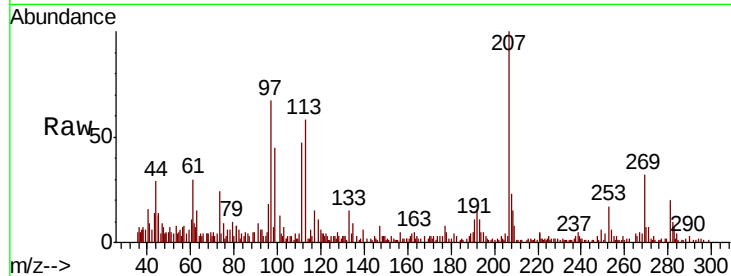
Tot Ion:113 Resp: 12663

Ion Ratio Lower Upper

113 100

111 82.5 82.7 124.1#

192 33.0 19.3 28.9#



#36

1,1-Dichloropropene

Concen: 1.005 ug/l

RT: 5.78 min Scan# 802

Delta R.T. 0.00 min

Lab File: VX015831.D

Acq: 22 Apr 2020 09:59

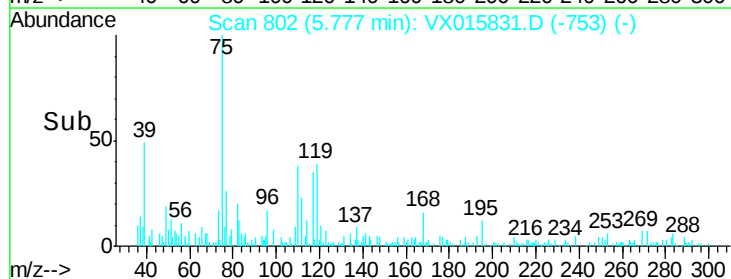
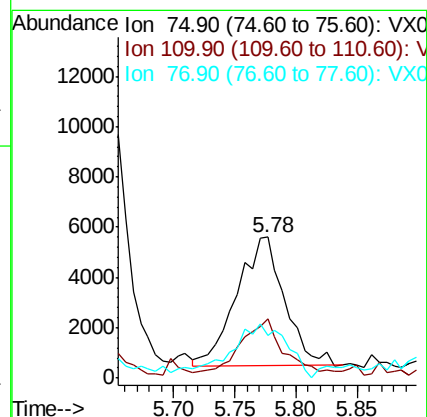
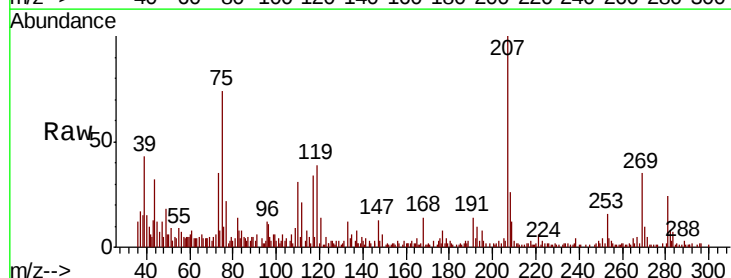
Tgt Ion: 75 Resp: 13869

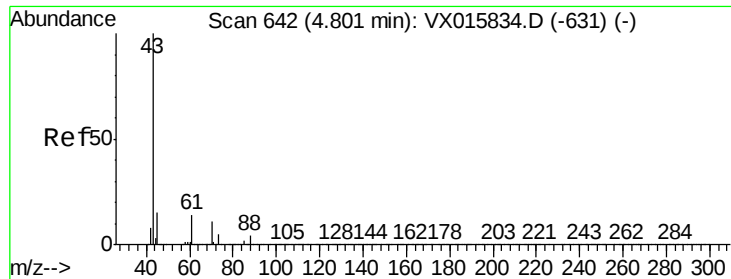
Ion Ratio Lower Upper

75 100

110 42.9 17.9 53.8

77 50.3 24.5 36.7#

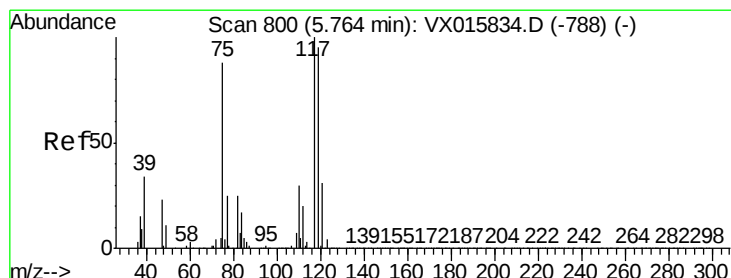
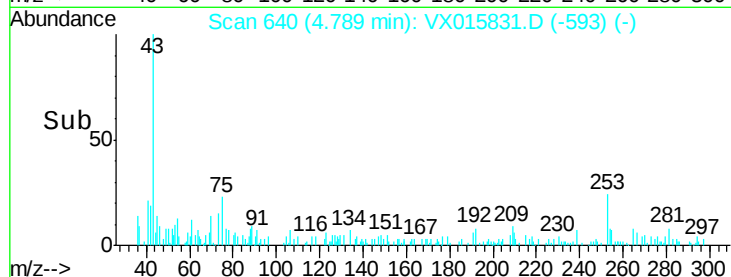
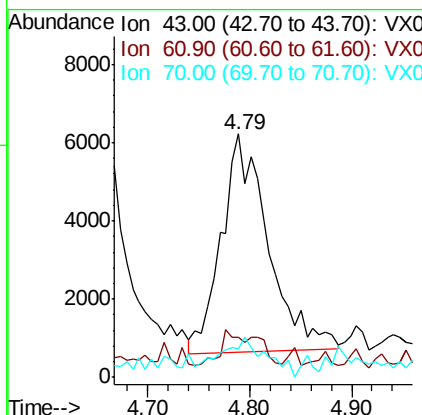
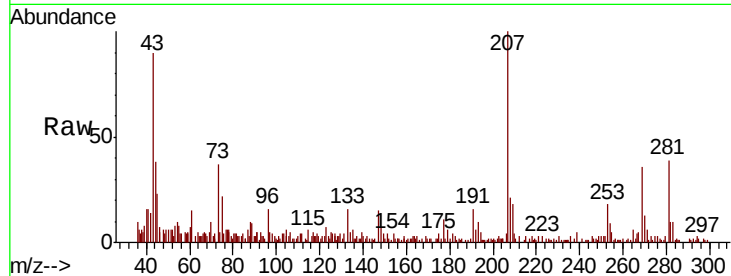




#37
Ethyl Acetate
Concen: 1.071 ug/l
RT: 4.79 min Scan# 640
Delta R.T. -0.01 min
Lab File: VX015831.D
Acq: 22 Apr 2020 09:59

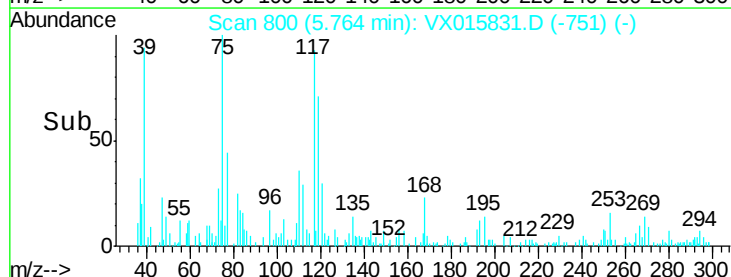
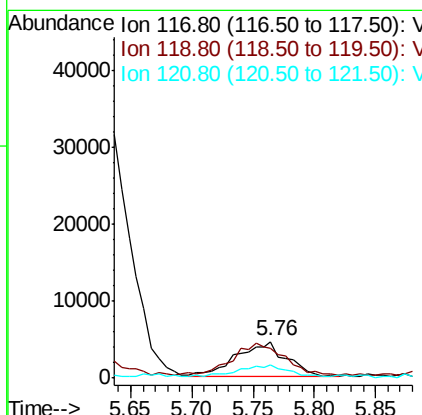
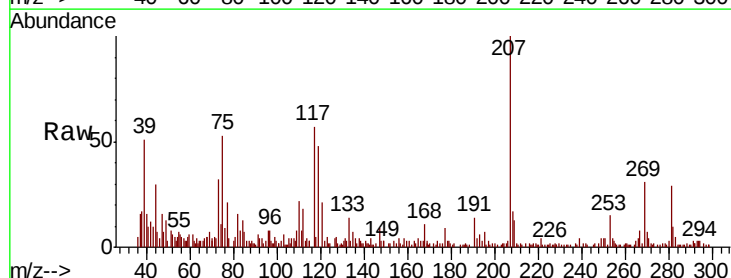
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

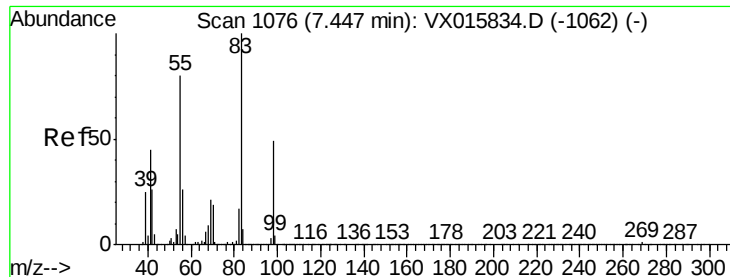
Tot Ion: 43 Resp: 17780
Ion Ratio Lower Upper
43 100
61 7.1 10.8 16.2#
70 17.5 8.2 12.2#



#38
Carbon Tetrachloride
Concen: 0.932 ug/l
RT: 5.76 min Scan# 800
Delta R.T. 0.00 min
Lab File: VX015831.D
Acq: 22 Apr 2020 09:59

Tgt Ion: 117 Resp: 12501
Ion Ratio Lower Upper
117 100
119 80.3 75.7 113.5
121 33.1 25.0 37.6

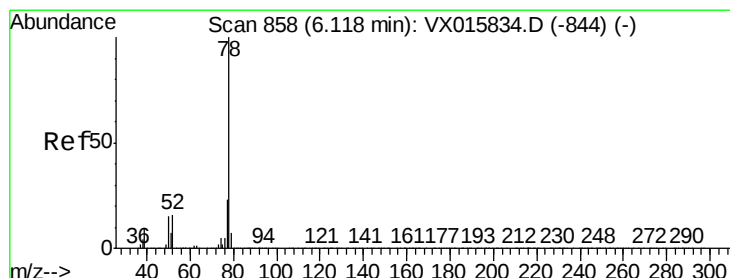
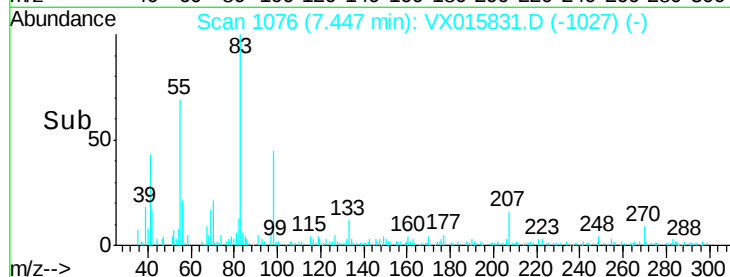
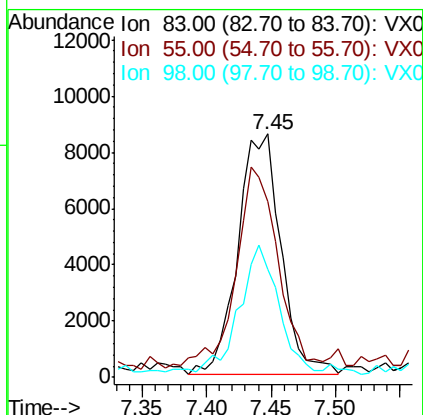
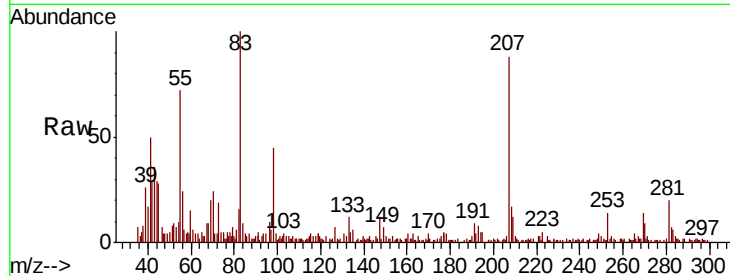




#39
Methvlcvclohexane
Concen: 1.115 ug/l
RT: 7.45 min Scan# 1076
Delta R.T. 0.00 min
Lab File: VX015831.D
Acq: 22 Apr 2020 09:59

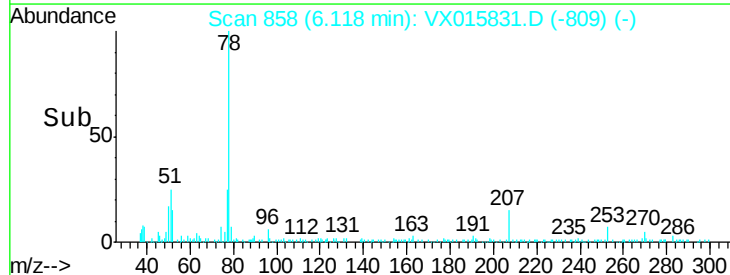
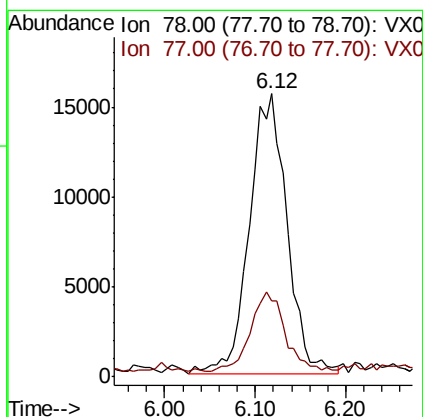
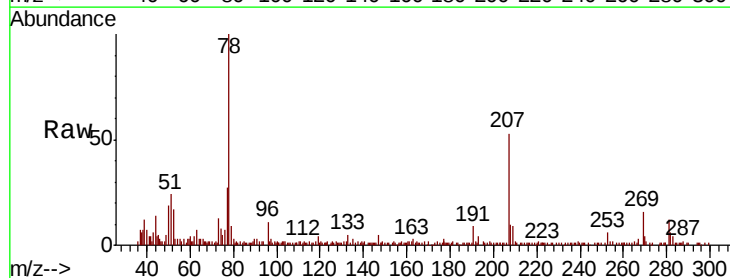
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

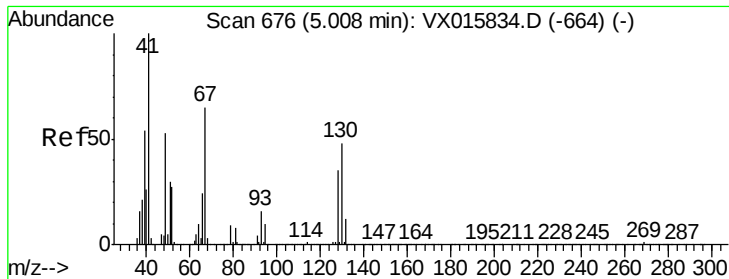
Tot Ion	83	Resp	19834
Ion Ratio	Lower	Upper	
83	100		
55	64.6	64.2	96.4
98	41.9	39.3	58.9



#40
Benzene
Concen: 1.061 ug/l
RT: 6.12 min Scan# 858
Delta R.T. 0.00 min
Lab File: VX015831.D
Acq: 22 Apr 2020 09:59

Tgt Ion	78	Resp	44828
Ion Ratio	Lower	Upper	
78	100		
77	25.5	18.6	27.8





#41

Methacrylonitrile

Concen: 0.426 ug/l

RT: 5.00 min Scan# 674

Delta R.T. -0.01 min

Lab File: VX015831.D

Acq: 22 Apr 2020 09:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 41 Resp: 3341

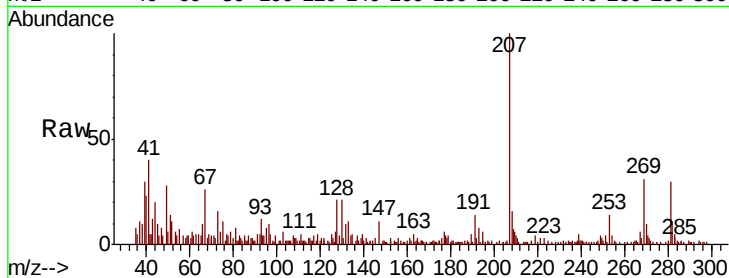
Ion Ratio Lower Upper

41 100

39 163.6 42.4 63.6#

67 104.0 51.9 77.9#

52 15.3 21.0 31.4#

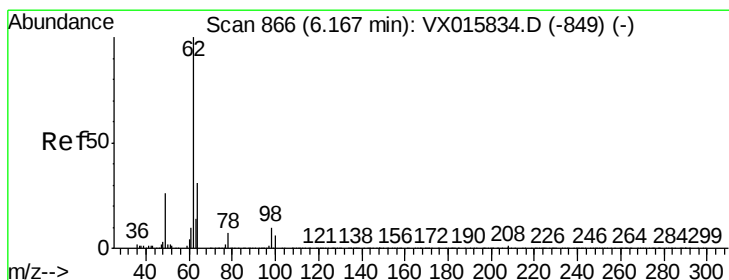
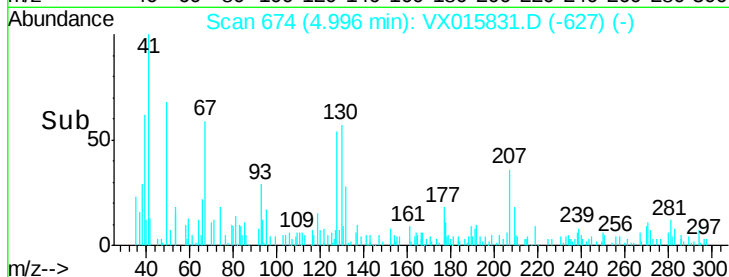
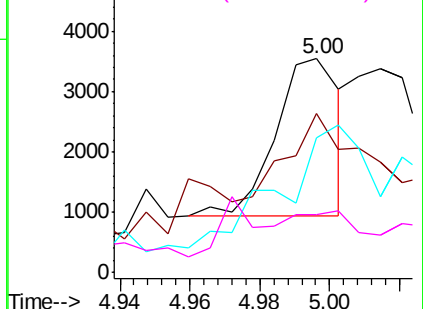


Abundance Ion 41.00 (40.70 to 41.70): VX0

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



#42

1,2-Dichloroethane

Concen: 1.082 ug/l

RT: 6.17 min Scan# 866

Delta R.T. 0.00 min

Lab File: VX015831.D

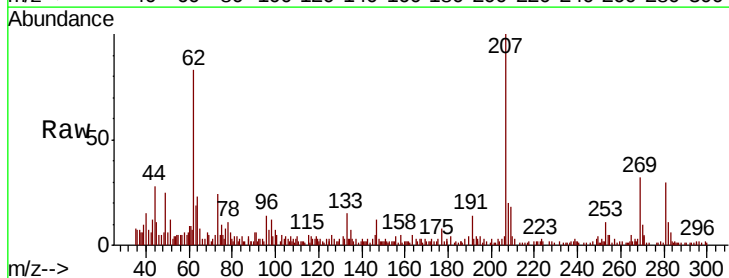
Acq: 22 Apr 2020 09:59

Tgt Ion: 62 Resp: 16437

Ion Ratio Lower Upper

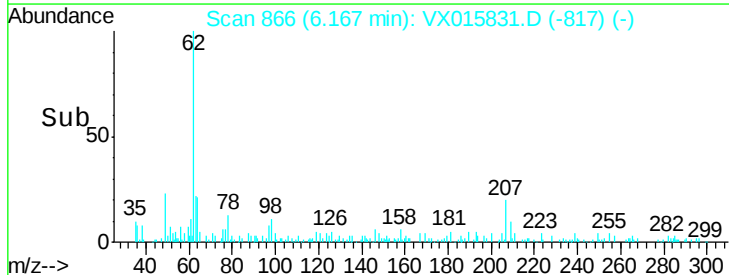
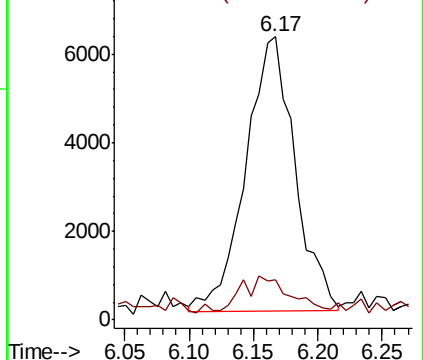
62 100

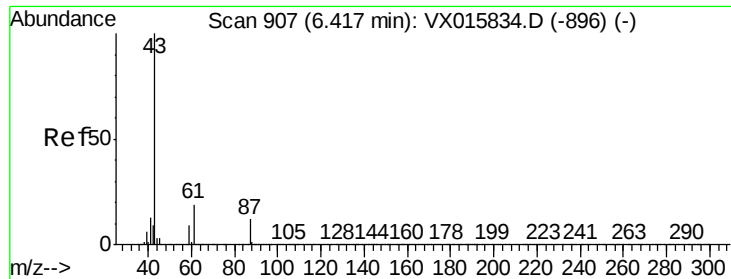
98 13.4 0.0 20.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 1.023 ug/l

RT: 6.41 min Scan# 906

Delta R.T. -0.01 min

Lab File: VX015831.D

Acq: 22 Apr 2020 09:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

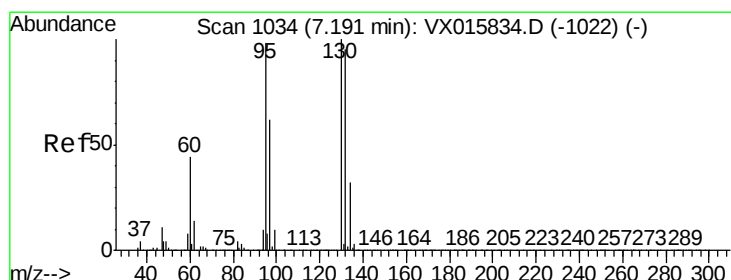
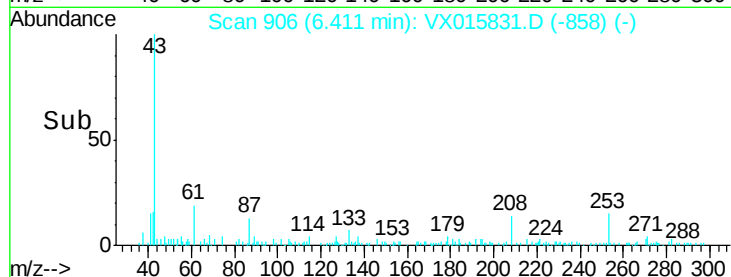
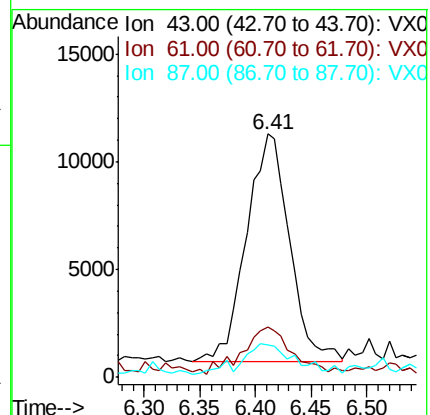
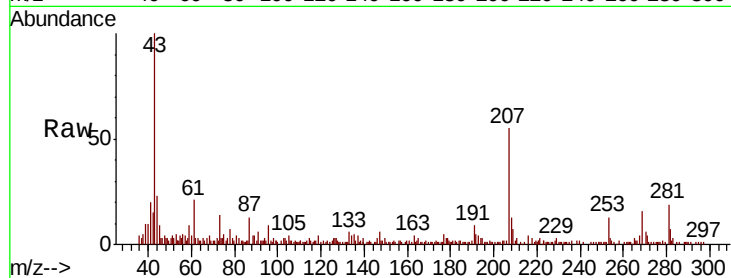
Tot Ion: 43 Resp: 28509

Ion Ratio Lower Upper

43 100

61 21.2 15.4 23.2

87 12.9 9.8 14.6



#44

Trichloroethene

Concen: 1.014 ug/l

RT: 7.19 min Scan# 1034

Delta R.T. 0.00 min

Lab File: VX015831.D

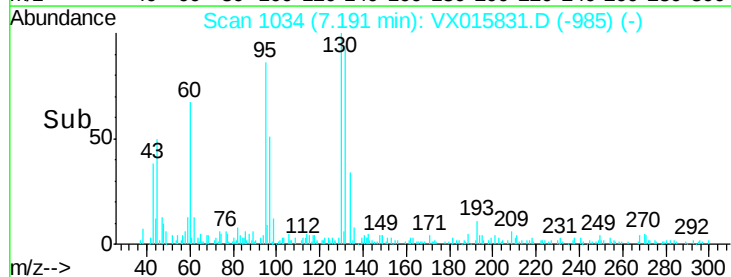
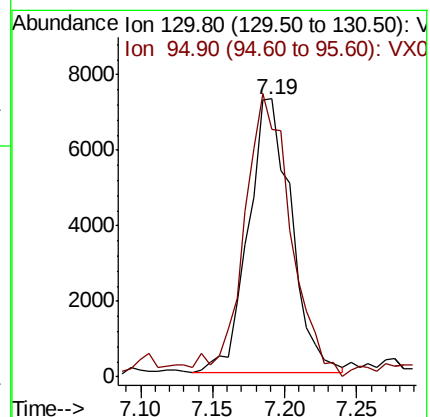
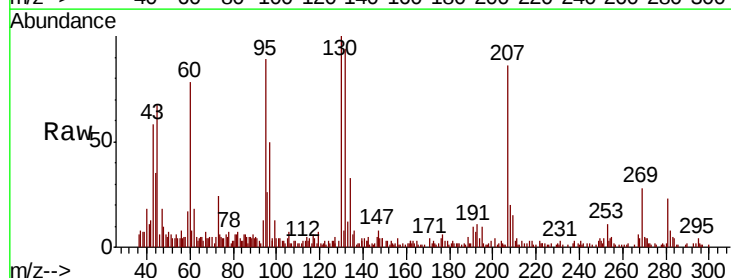
Acq: 22 Apr 2020 09:59

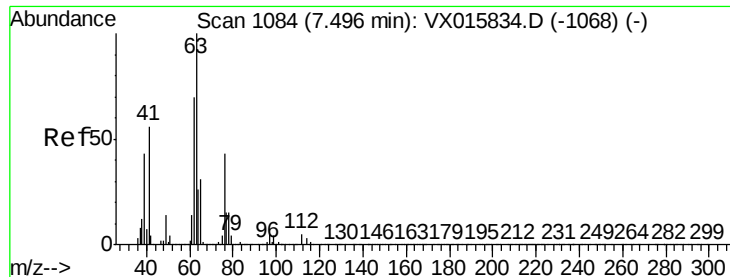
Tgt Ion: 130 Resp: 14984

Ion Ratio Lower Upper

130 100

95 87.2 0.0 195.8





#45

1,2-Dichloropropane

Concen: 1.004 ug/l

RT: 7.49 min Scan# 1083

Delta R.T. -0.01 min

Lab File: VX015831.D

Acq: 22 Apr 2020 09:59

Instrument :

MSVOA_X

ClientSampleId :

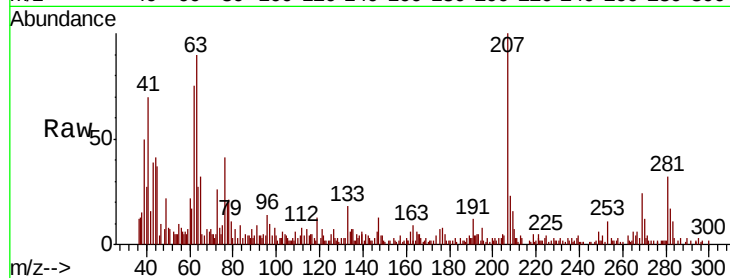
VSTDIC001

Tot Ion: 63 Resp: 11020

Ion Ratio Lower Upper

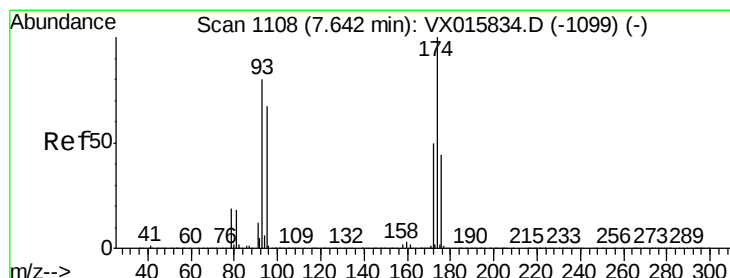
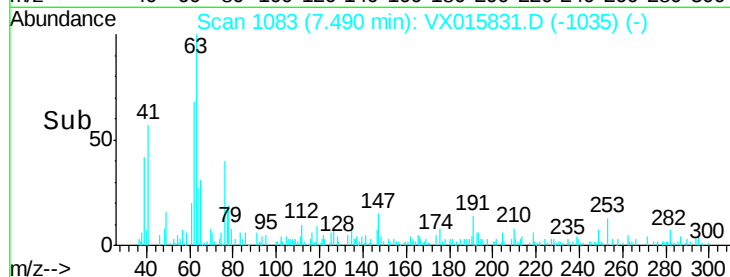
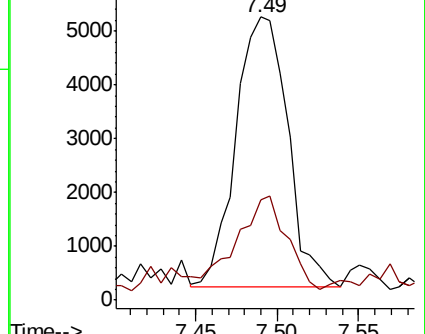
63 100

65 29.9 24.5 36.7



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 1.158 ug/l

RT: 7.64 min Scan# 1107

Delta R.T. -0.01 min

Lab File: VX015831.D

Acq: 22 Apr 2020 09:59

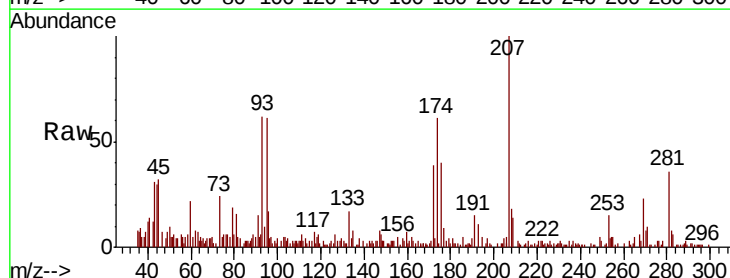
Tgt Ion: 93 Resp: 9569

Ion Ratio Lower Upper

93 100

95 80.4 65.8 98.8

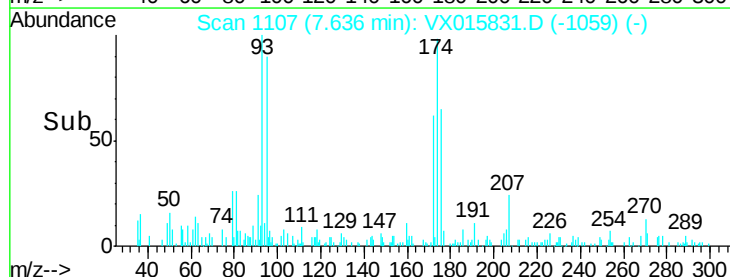
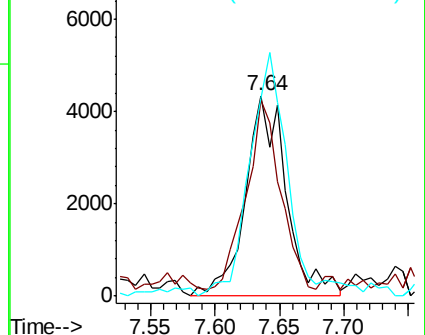
174 113.7 95.6 143.4

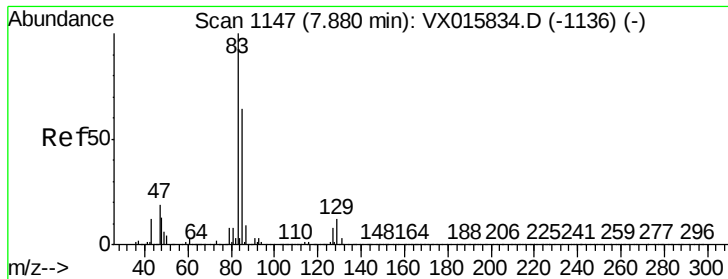


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 1.025 ug/l

RT: 7.87 min Scan# 1146

Delta R.T. -0.01 min

Lab File: VX015831.D

Acq: 22 Apr 2020 09:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

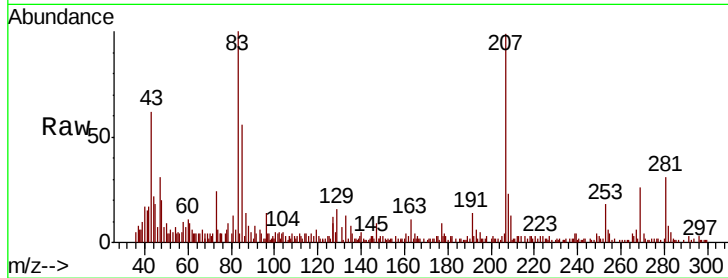
Tot Ion: 83 Resp: 14329

Ion Ratio Lower Upper

83 100

85 54.5 50.8 76.2

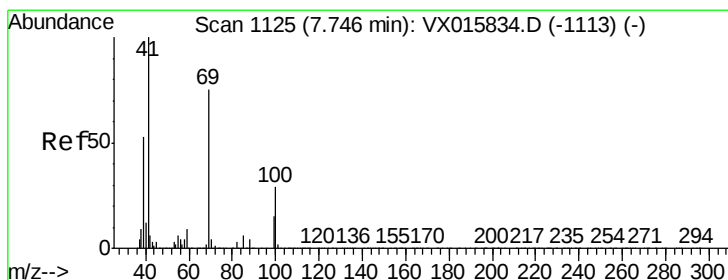
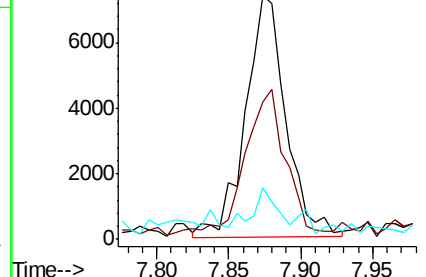
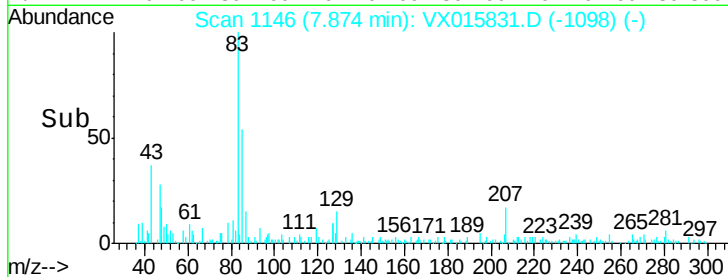
127 19.0 6.6 10.0#



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 1.003 ug/l

RT: 7.75 min Scan# 1125

Delta R.T. 0.00 min

Lab File: VX015831.D

Acq: 22 Apr 2020 09:59

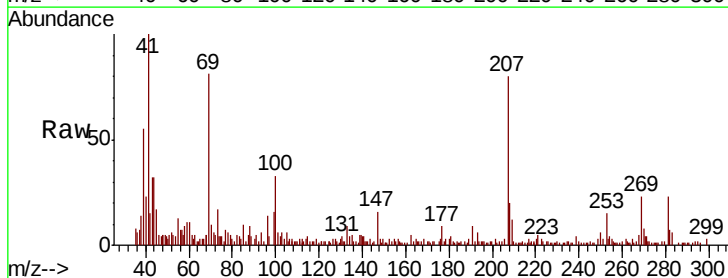
Tgt Ion: 41 Resp: 13608

Ion Ratio Lower Upper

41 100

69 73.3 60.5 90.7

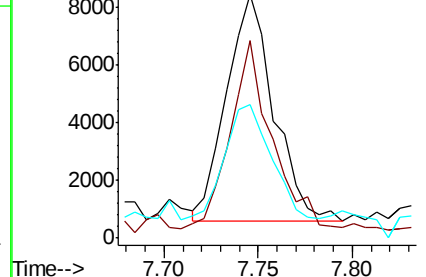
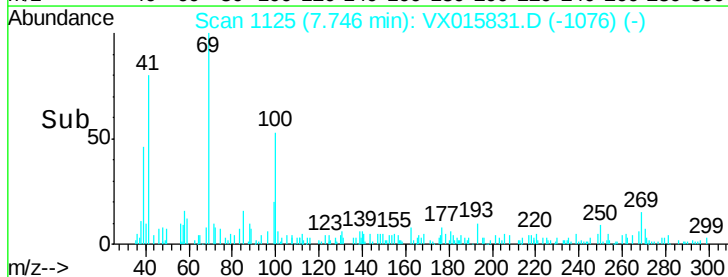
39 54.5 42.1 63.1

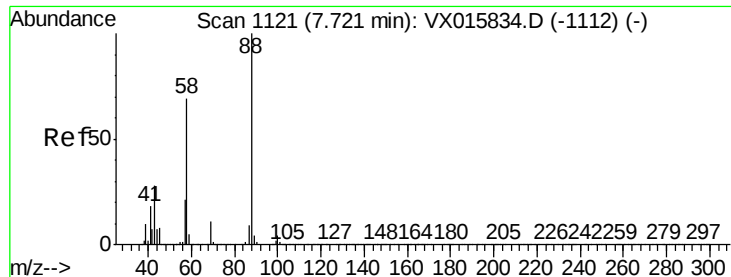


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

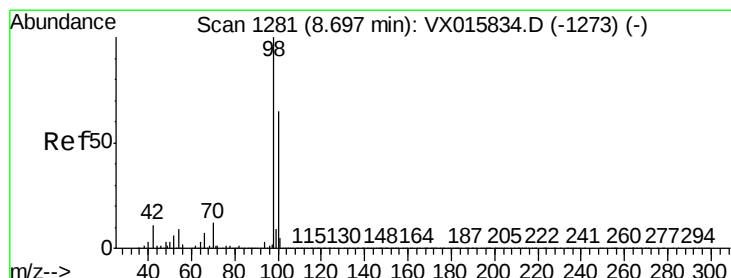
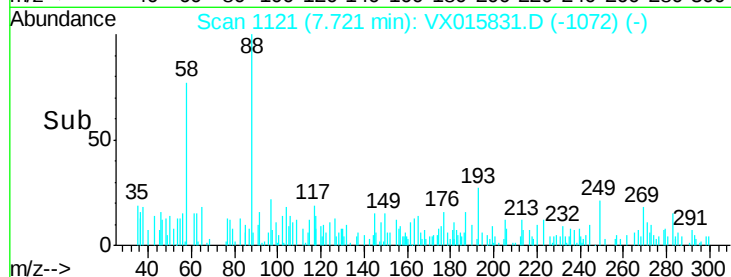
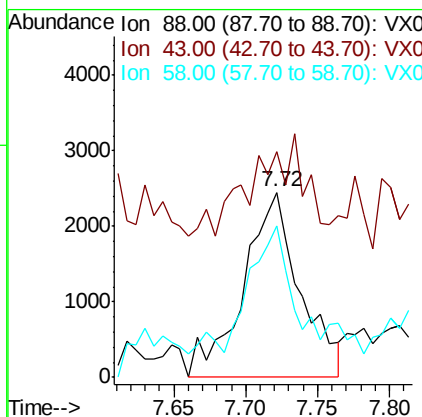
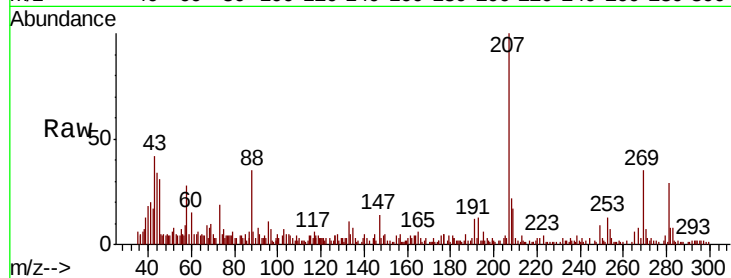




#49
1,4-Dioxane
Concen: 25.346 ug/l
RT: 7.72 min Scan# 1121
Delta R.T. 0.00 min
Lab File: VX015831.D
Acq: 22 Apr 2020 09:59

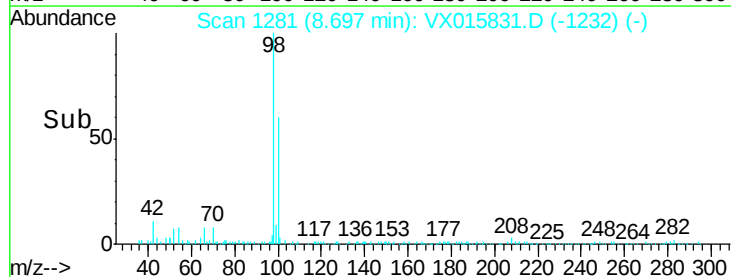
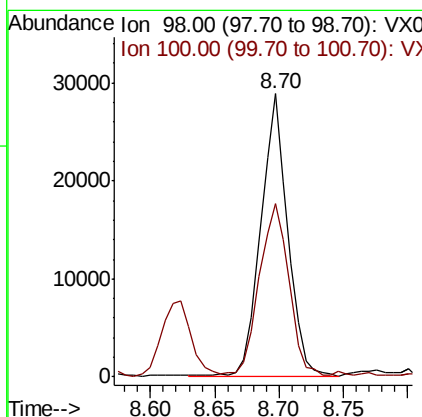
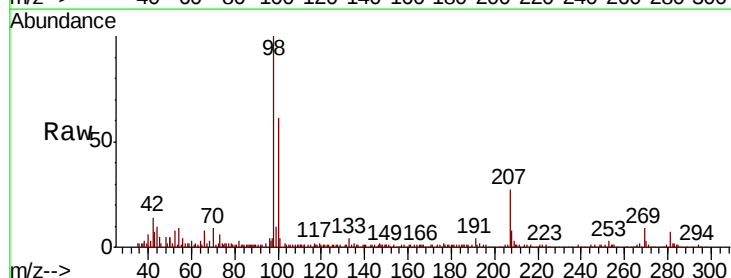
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

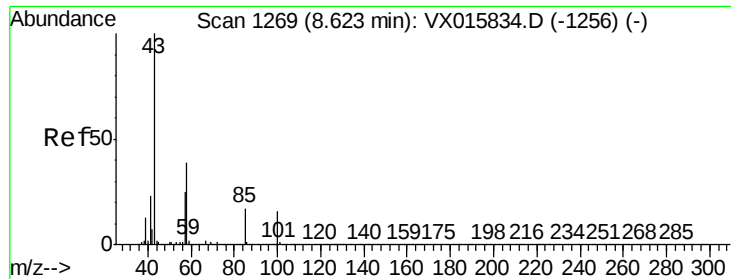
Tot Ion: 88 Resp: 6676
Ion Ratio Lower Upper
88 100
43 35.0 28.2 42.4
58 48.4 58.9 88.3#



#50
Toluene-d8
Concen: 1.108 ug/l
RT: 8.70 min Scan# 1281
Delta R.T. 0.00 min
Lab File: VX015831.D
Acq: 22 Apr 2020 09:59

Tgt Ion: 98 Resp: 41926
Ion Ratio Lower Upper
98 100
100 65.6 53.8 80.6

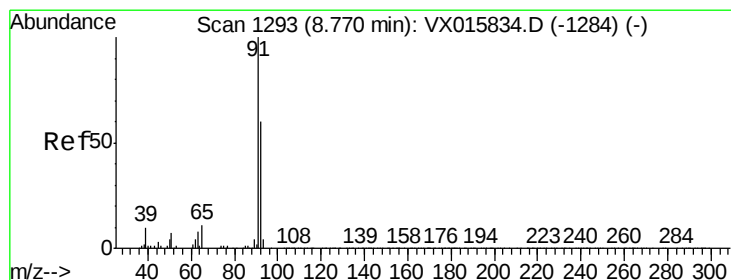
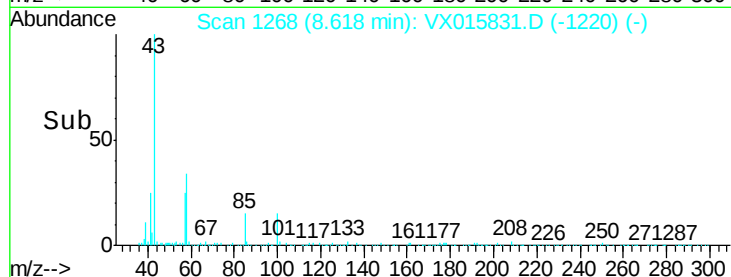
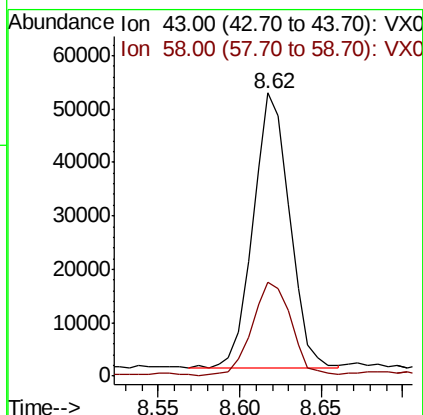
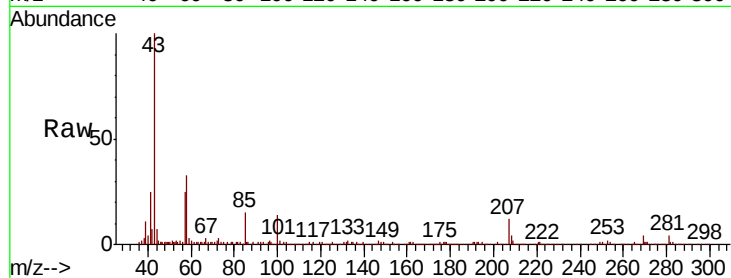




#51
 4-Methyl-2-Pentanone
 Concen: 4.962 ug/l
 RT: 8.62 min Scan# 1268
 Delta R.T. -0.01 min
 Lab File: VX015831.D
 Acq: 22 Apr 2020 09:59

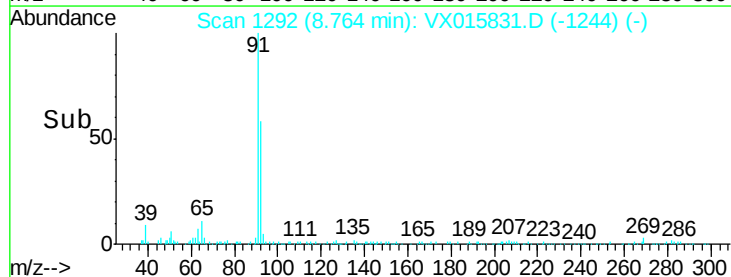
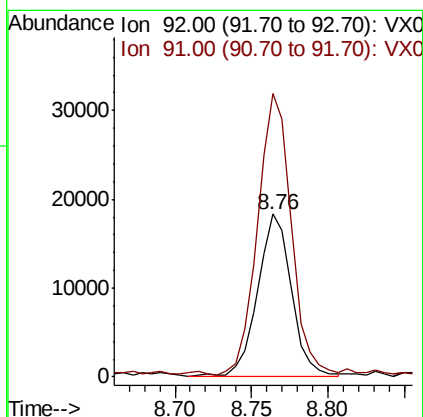
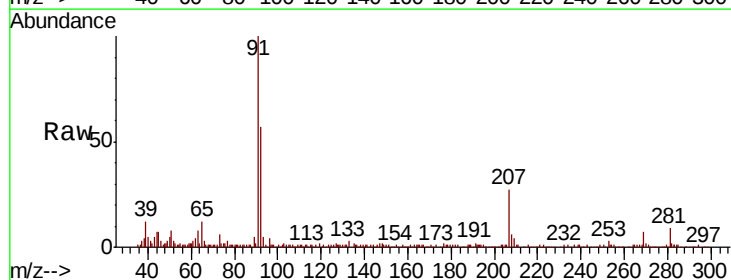
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

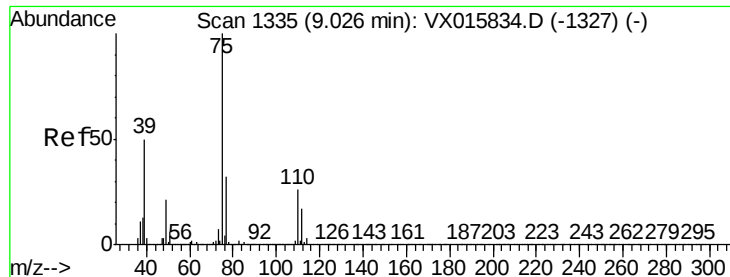
Tot Ion: 43 Resp: 80130
 Ion Ratio Lower Upper
 43 100
 58 36.3 30.6 45.8



#52
 Toluene
 Concen: 1.055 ug/l
 RT: 8.76 min Scan# 1292
 Delta R.T. -0.01 min
 Lab File: VX015831.D
 Acq: 22 Apr 2020 09:59

Tgt Ion: 92 Resp: 28604
 Ion Ratio Lower Upper
 92 100
 91 169.6 133.4 200.0





#53

t-1,3-Dichloropropene

Concen: 1.006 ug/l

RT: 9.03 min Scan# 1335

Delta R.T. 0.00 min

Lab File: VX015831.D

Acq: 22 Apr 2020 09:59

Instrument :

MSVOA_X

ClientSampleId :

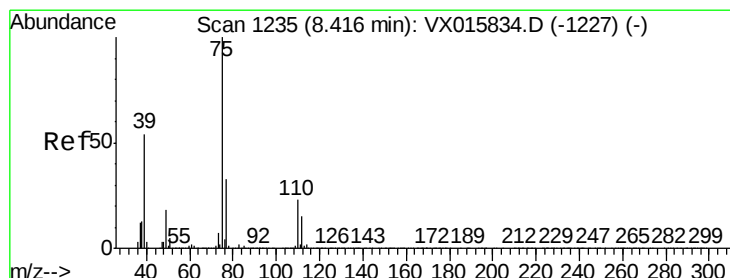
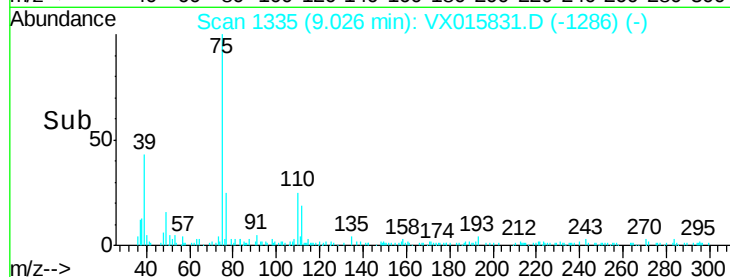
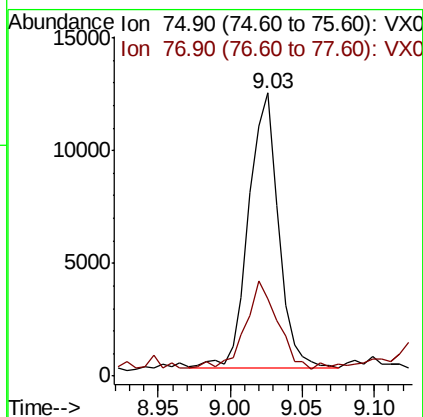
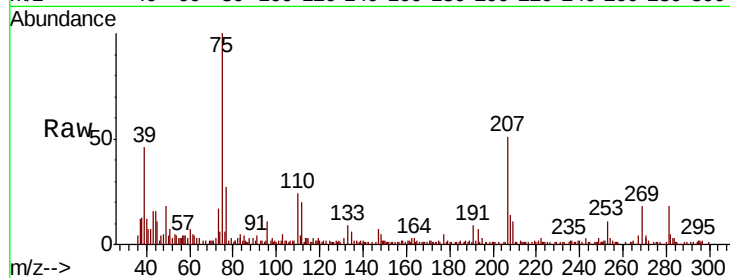
VSTDIC001

Tot Ion: 75 Resp: 17518

Ion Ratio Lower Upper

75 100

77 24.9 25.9 38.9#



#54

cis-1,3-Dichloropropene

Concen: 1.030 ug/l

RT: 8.42 min Scan# 1235

Delta R.T. 0.00 min

Lab File: VX015831.D

Acq: 22 Apr 2020 09:59

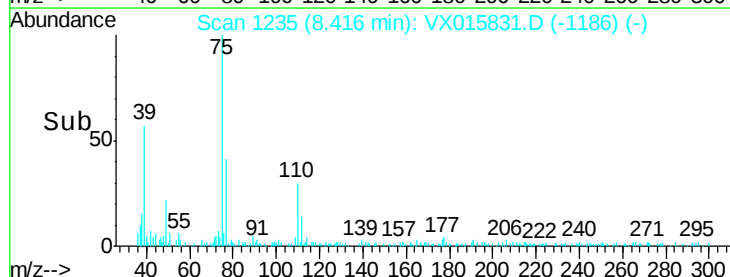
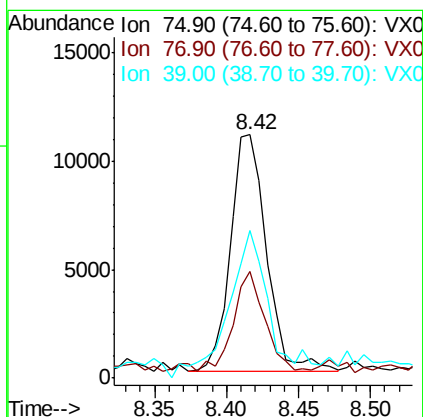
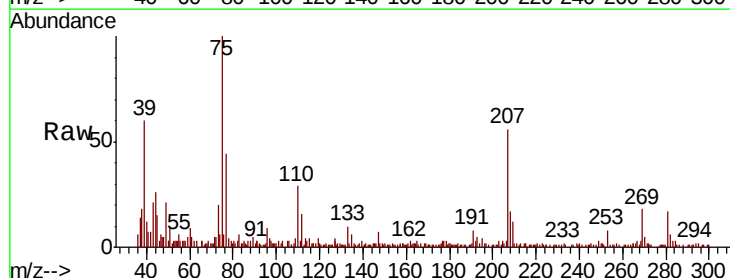
Tgt Ion: 75 Resp: 19123

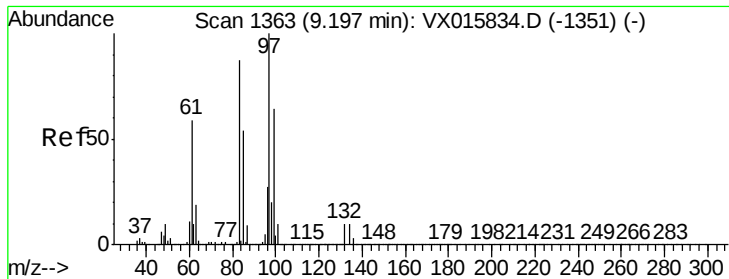
Ion Ratio Lower Upper

75 100

77 40.1 26.0 39.0#

39 57.2 42.8 64.2





#55

1,1,2-Trichloroethane

Concen: 0.958 ug/l

RT: 9.20 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VX015831.D

Acq: 22 Apr 2020 09:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 97 Resp: 10013

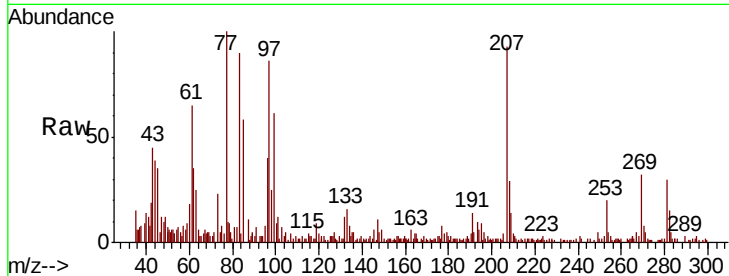
Ion Ratio Lower Upper

97 100

83 100.6 69.8 104.8

85 61.4 43.4 65.2

99 63.4 51.2 76.8

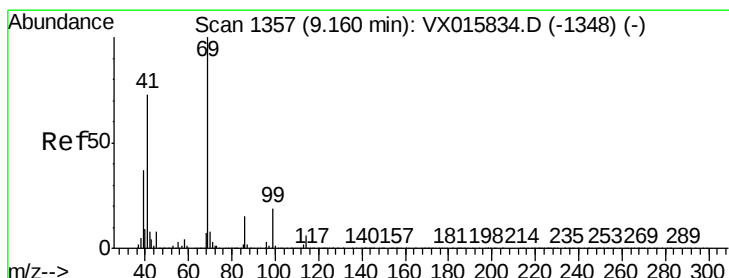
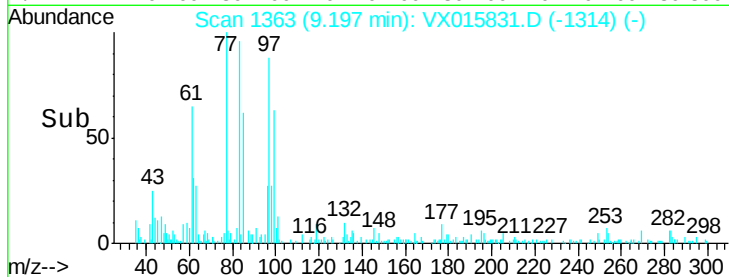
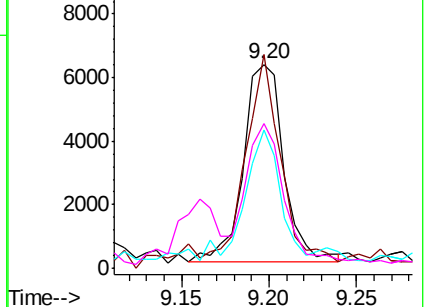


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 1.012 ug/l

RT: 9.16 min Scan# 1357

Delta R.T. 0.00 min

Lab File: VX015831.D

Acq: 22 Apr 2020 09:59

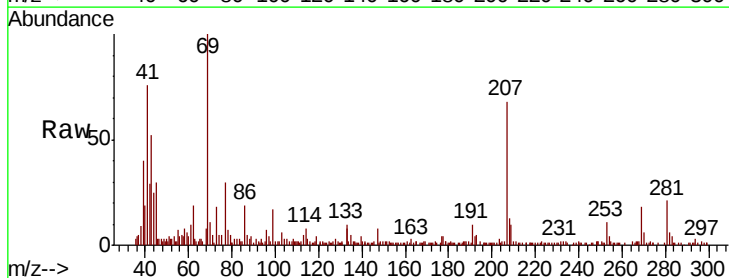
Tgt Ion: 69 Resp: 17735

Ion Ratio Lower Upper

69 100

41 76.0 57.4 86.2

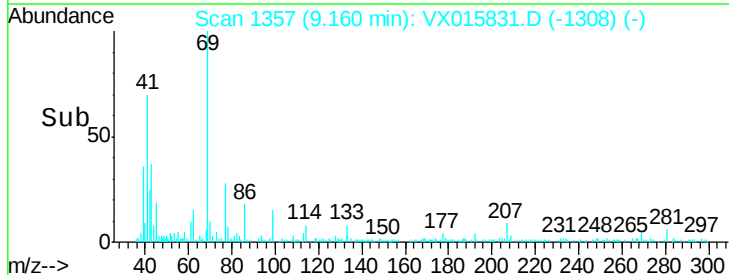
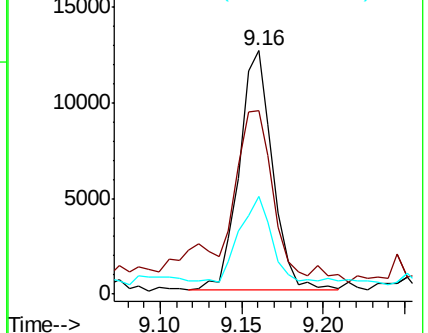
39 33.0 29.7 44.5

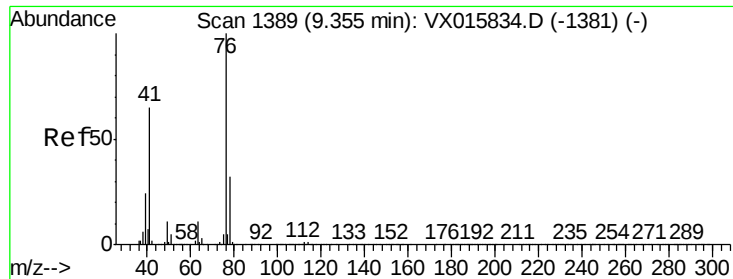


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

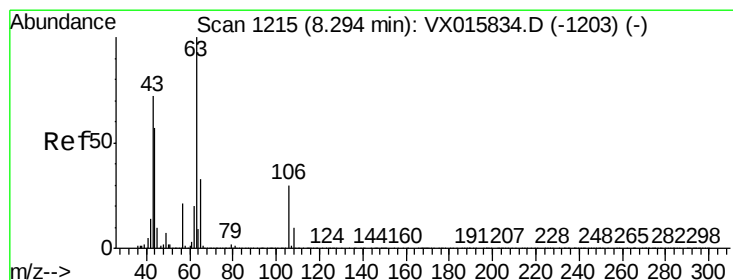
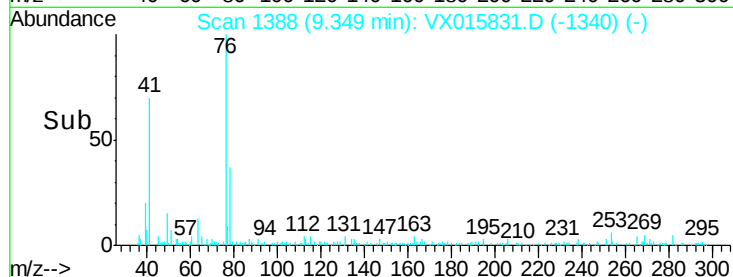
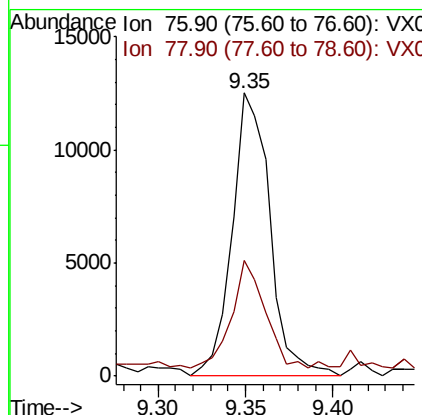
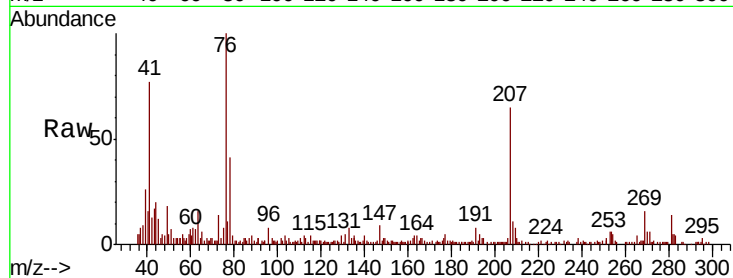




#57
 1,3-Dichloropropane
 Concen: 1.034 ug/l
 RT: 9.35 min Scan# 1388
 Delta R.T. -0.01 min
 Lab File: VX015831.D
 Acq: 22 Apr 2020 09:59

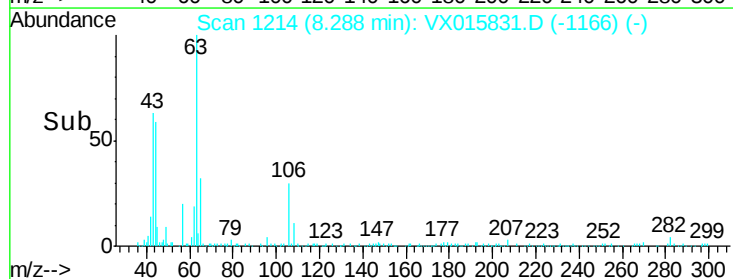
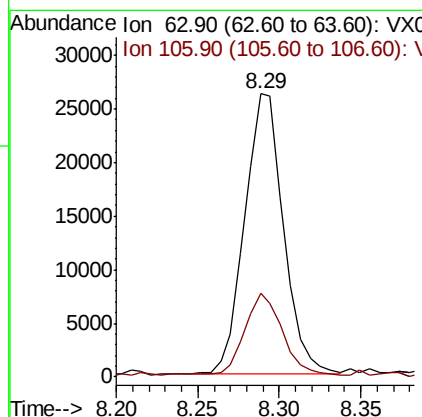
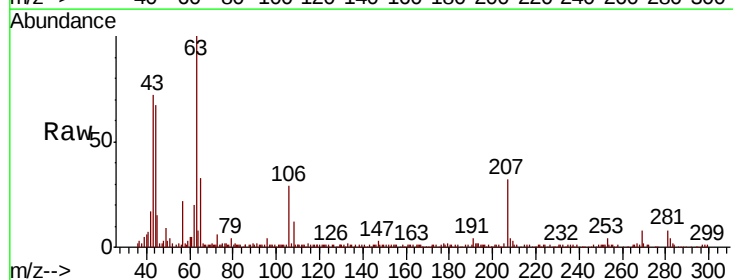
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

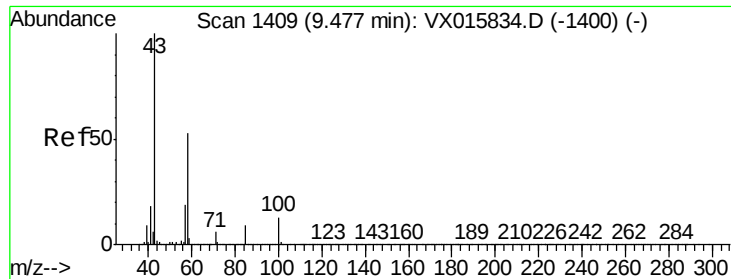
Tot Ion: 76 Resp: 18820
 Ion Ratio Lower Upper
 76 100
 78 33.5 25.4 38.2



#58
 2-Chloroethyl Vinyl ether
 Concen: 4.917 ug/l
 RT: 8.29 min Scan# 1214
 Delta R.T. -0.01 min
 Lab File: VX015831.D
 Acq: 22 Apr 2020 09:59

Tgt Ion: 63 Resp: 43489
 Ion Ratio Lower Upper
 63 100
 106 28.9 23.8 35.8

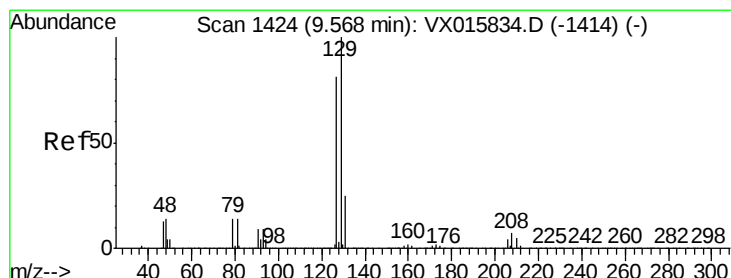
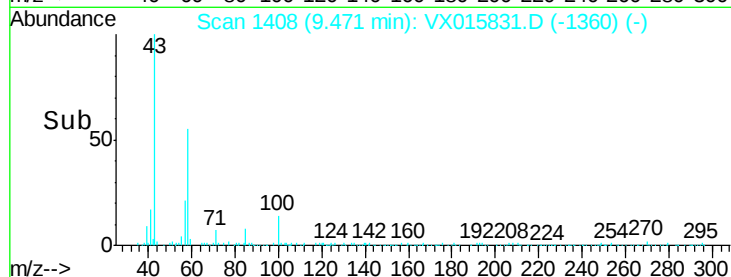
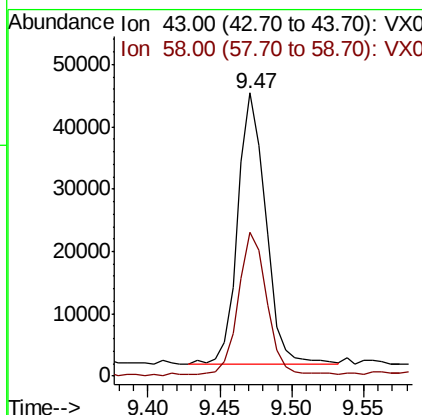
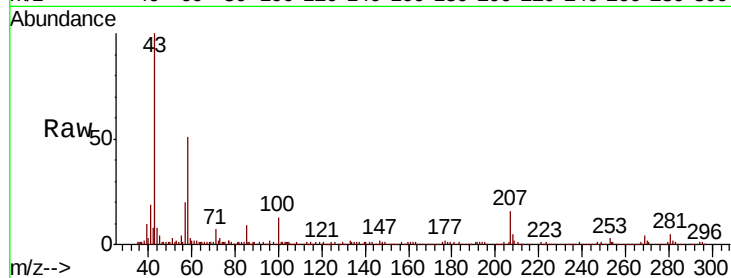




#59
2-Hexanone
Concen: 4.807 ug/l
RT: 9.47 min Scan# 1408
Delta R.T. -0.01 min
Lab File: VX015831.D
Acq: 22 Apr 2020 09:59

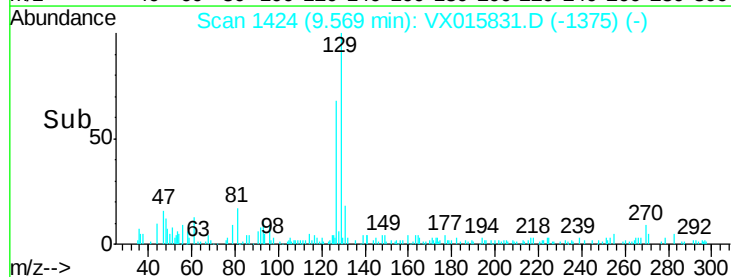
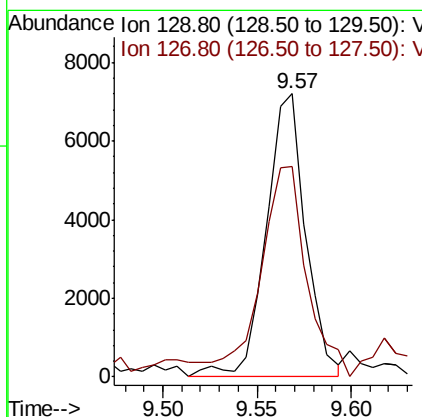
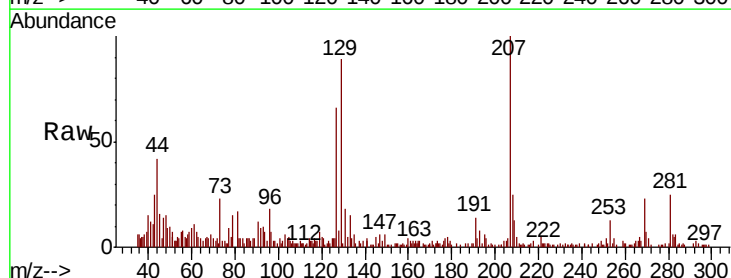
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

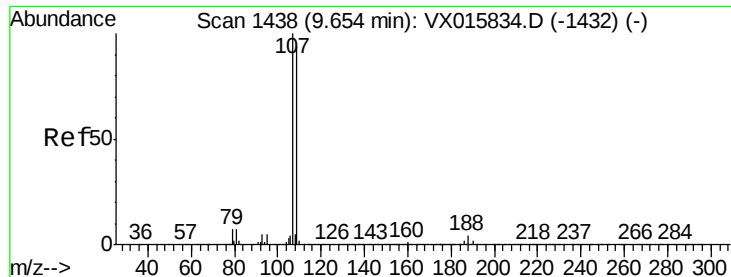
Tot Ion: 43 Resp: 58551
Ion Ratio Lower Upper
43 100
58 52.7 26.5 79.4



#60
Dibromochloromethane
Concen: 1.024 ug/l
RT: 9.57 min Scan# 1424
Delta R.T. 0.00 min
Lab File: VX015831.D
Acq: 22 Apr 2020 09:59

Tgt Ion: 129 Resp: 10469
Ion Ratio Lower Upper
129 100
127 86.0 40.0 120.0





#61

1,2-Dibromoethane

Concen: 1.090 ug/l

RT: 9.65 min Scan# 1438

Delta R.T. 0.00 min

Lab File: VX015831.D

Acq: 22 Apr 2020 09:59

Instrument :

MSVOA_X

ClientSampleId :

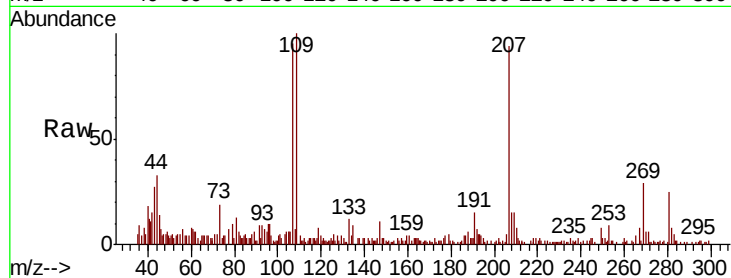
VSTDIC001

Tot Ion:107 Resp: 12723

Ion Ratio Lower Upper

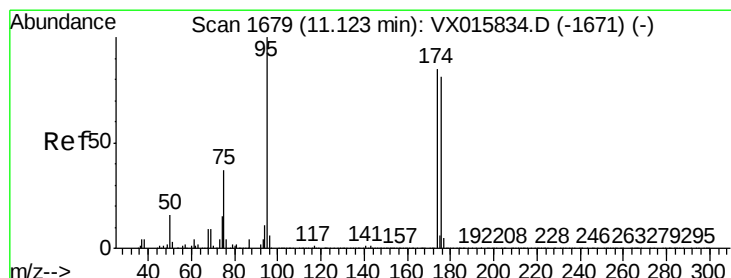
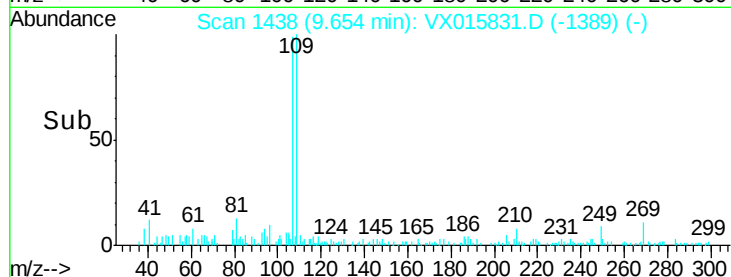
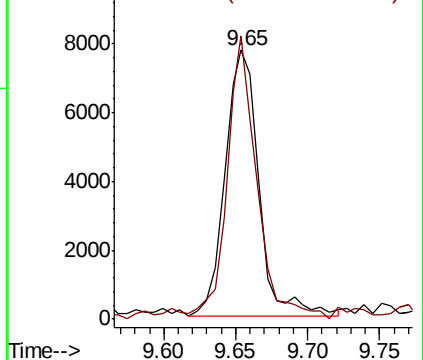
107 100

109 93.9 75.4 113.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 1.336 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. 0.00 min

Lab File: VX015831.D

Acq: 22 Apr 2020 09:59

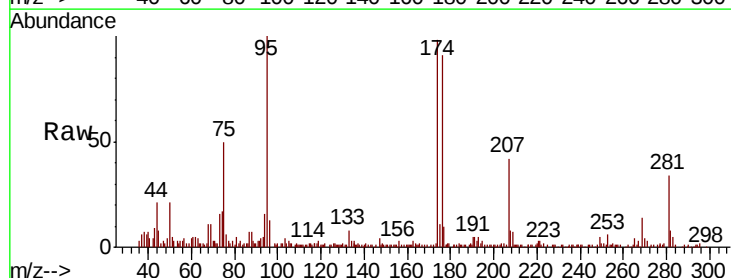
Tgt Ion: 95 Resp: 22124

Ion Ratio Lower Upper

95 100

174 87.9 0.0 172.4

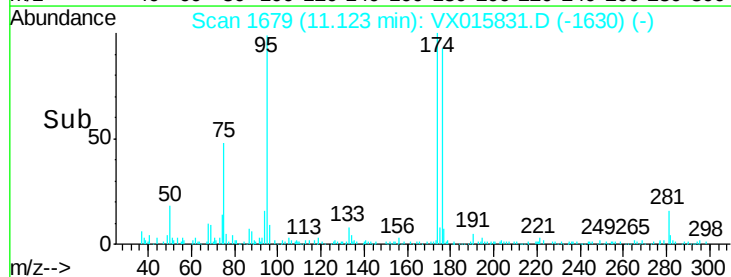
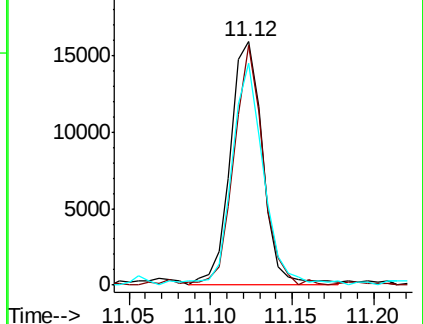
176 89.1 0.0 167.0

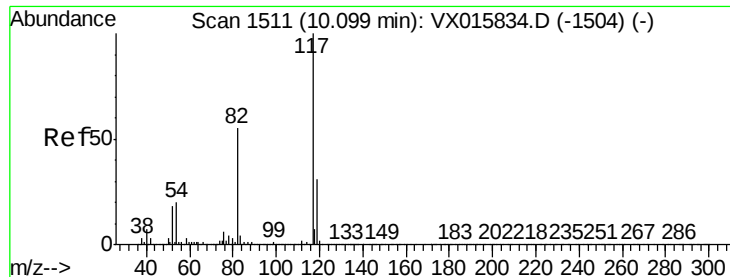


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

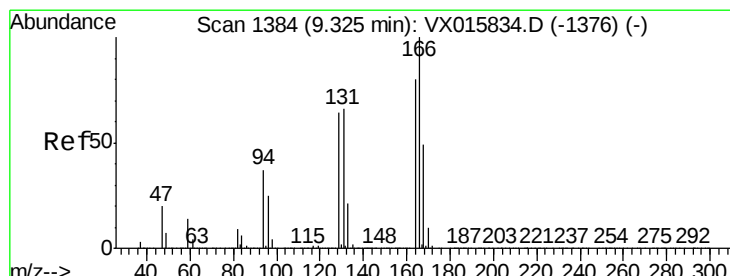
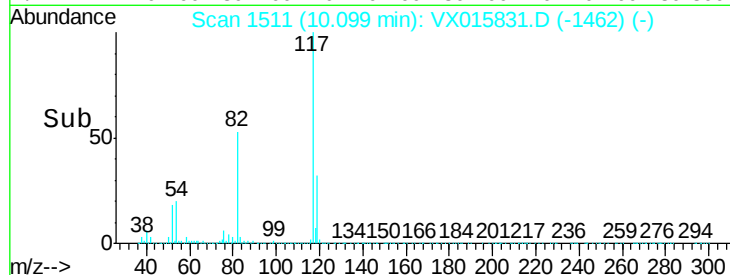
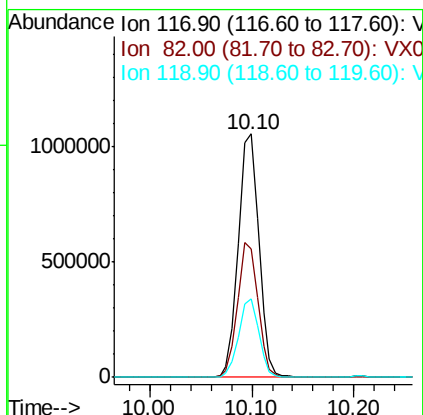
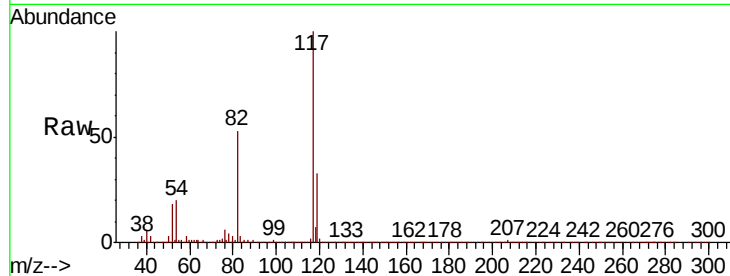




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. 0.00 min
Lab File: VX015831.D
Acq: 22 Apr 2020 09:59

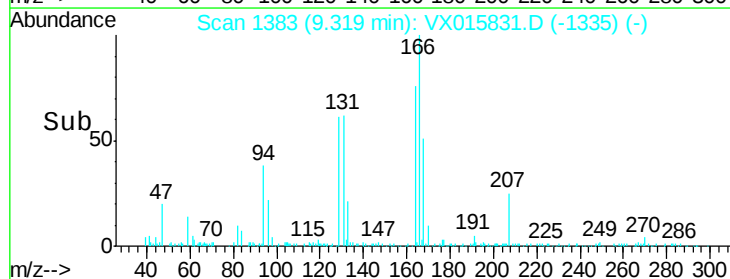
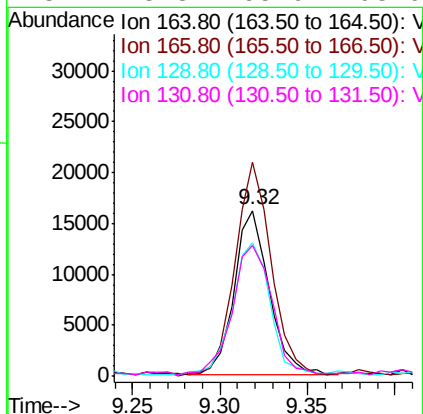
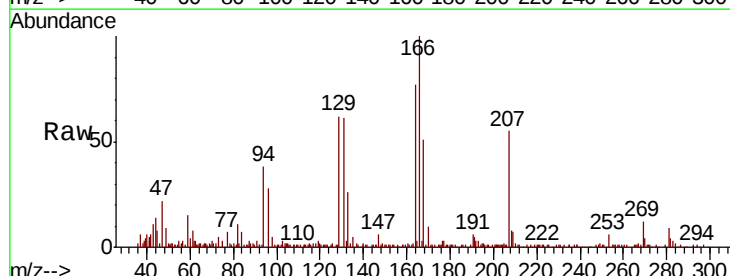
Instrument :
MSVOA_X
ClientSampled :
VSTDIC001

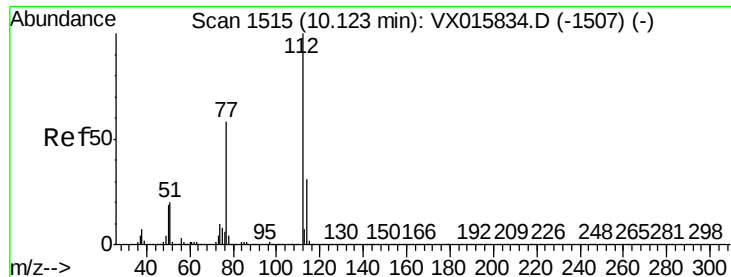
Tot Ion:117 Resp: 1467589
Ion Ratio Lower Upper
117 100
82 52.5 43.9 65.9
119 32.5 25.1 37.7



#64
Tetrachloroethene
Concen: 1.096 ug/l
RT: 9.32 min Scan# 1383
Delta R.T. -0.01 min
Lab File: VX015831.D
Acq: 22 Apr 2020 09:59

Tgt Ion:164 Resp: 22539
Ion Ratio Lower Upper
164 100
166 128.2 100.2 150.2
129 78.3 64.5 96.7
131 78.3 65.9 98.9





#65

Chlorobenzene

Concen: 1.048 ug/l

RT: 10.12 min Scan# 1515

Delta R.T. 0.00 min

Lab File: VX015831.D

Acq: 22 Apr 2020 09:59

Instrument :

MSVOA_X

ClientSampleId :

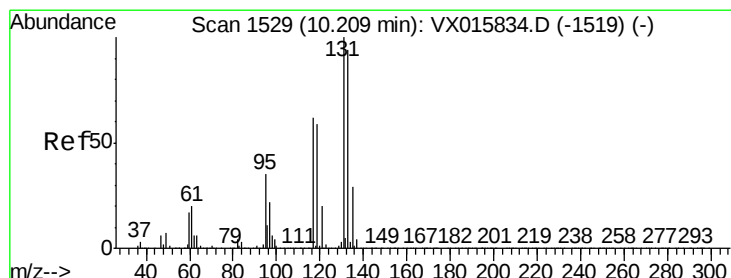
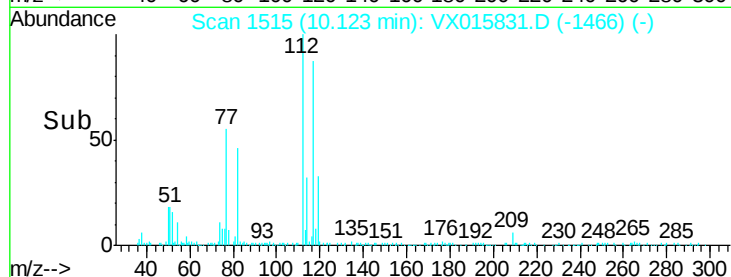
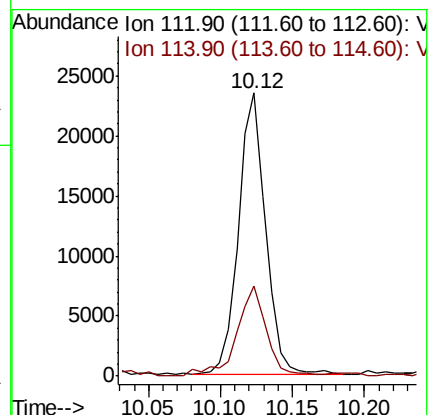
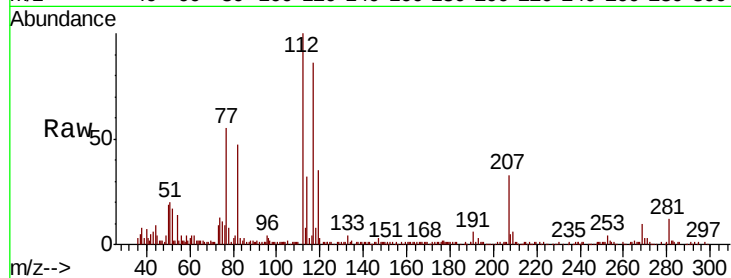
VSTDIC001

Tot Ion:112 Resp: 31054

Ion Ratio Lower Upper

112 100

114 31.0 25.0 37.4



#66

1,1,1,2-Tetrachloroethane

Concen: 1.042 ug/l

RT: 10.20 min Scan# 1528

Delta R.T. -0.01 min

Lab File: VX015831.D

Acq: 22 Apr 2020 09:59

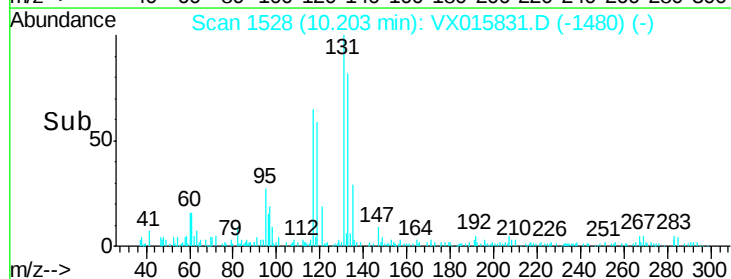
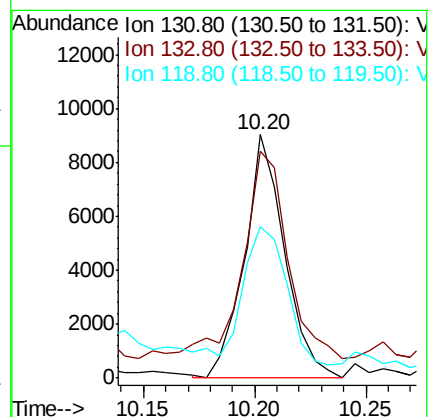
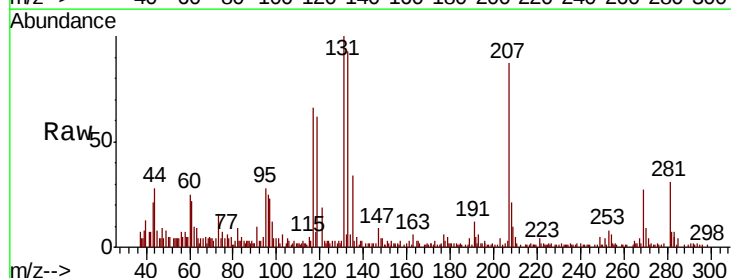
Tgt Ion:131 Resp: 11332

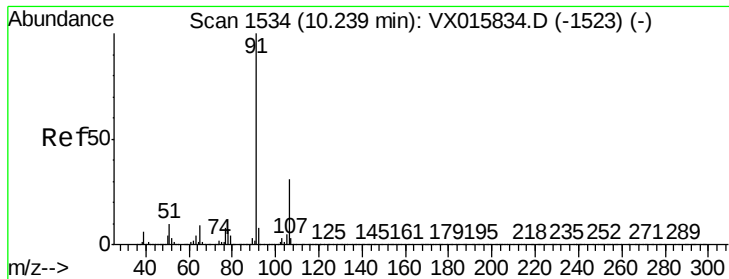
Ion Ratio Lower Upper

131 100

133 96.8 47.0 141.2

119 0.0 30.9 92.8#





#67

Ethyl Benzene

Concen: 1.041 ug/l

RT: 10.23 min Scan# 1533

Delta R.T. -0.01 min

Lab File: VX015831.D

Acq: 22 Apr 2020 09:59

Instrument :

MSVOA_X

ClientSampleId :

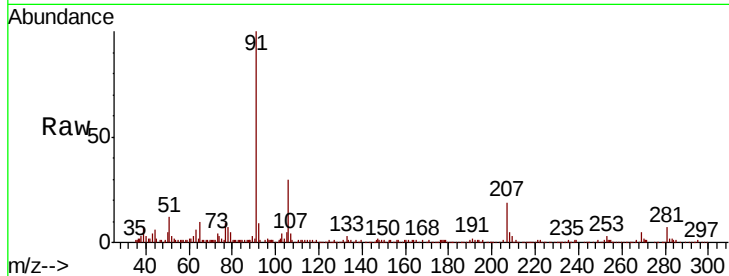
VSTDIC001

Tot Ion: 91 Resp: 54594

Ion Ratio Lower Upper

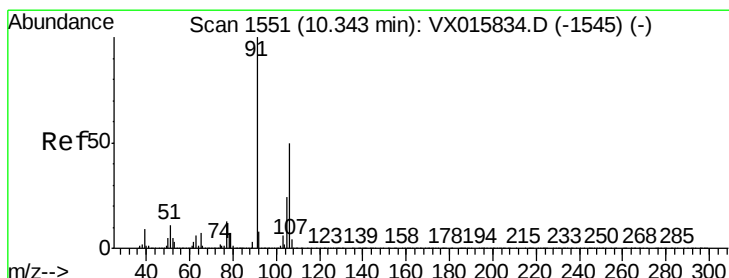
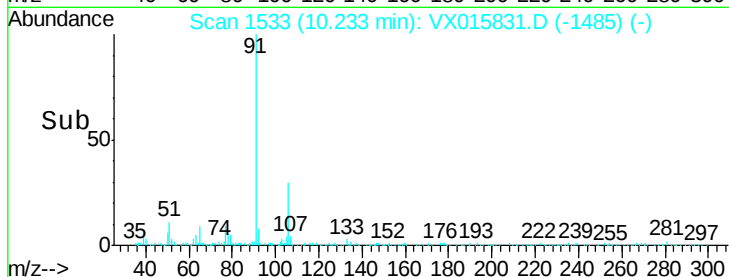
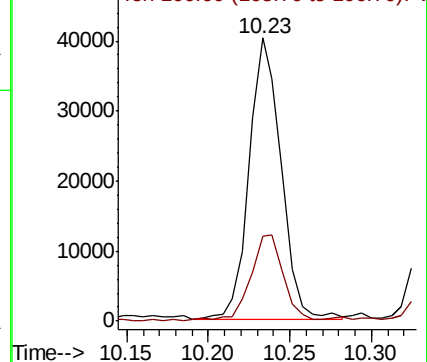
91 100

106 29.1 25.0 37.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 2.043 ug/l

RT: 10.34 min Scan# 1551

Delta R.T. 0.00 min

Lab File: VX015831.D

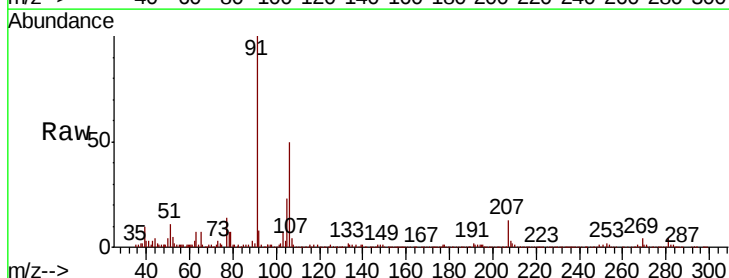
Acq: 22 Apr 2020 09:59

Tgt Ion: 106 Resp: 40018

Ion Ratio Lower Upper

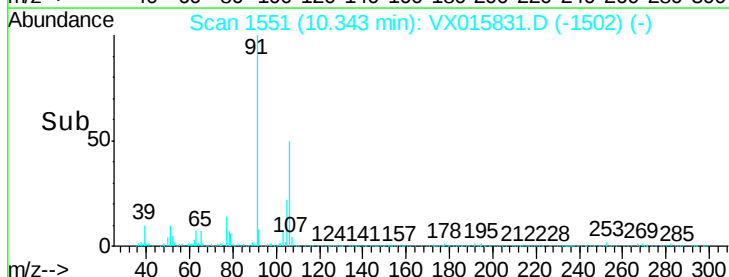
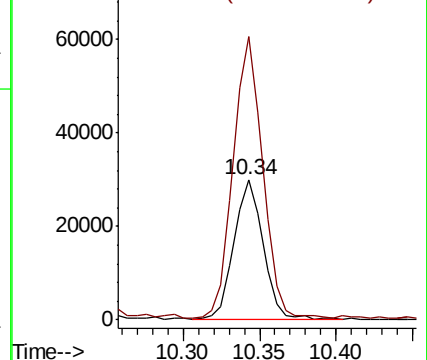
106 100

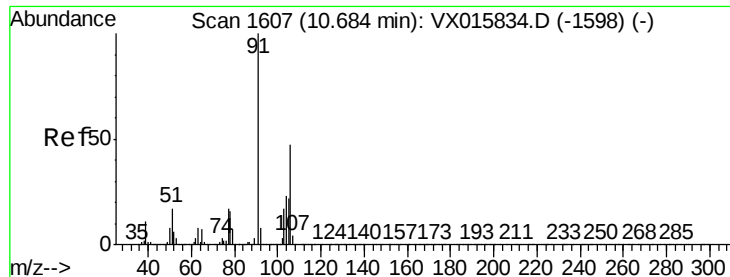
91 201.1 161.1 241.7



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

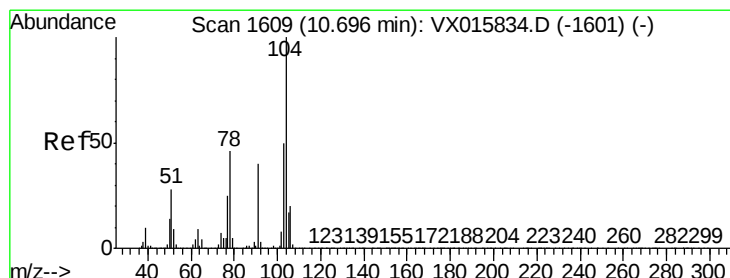
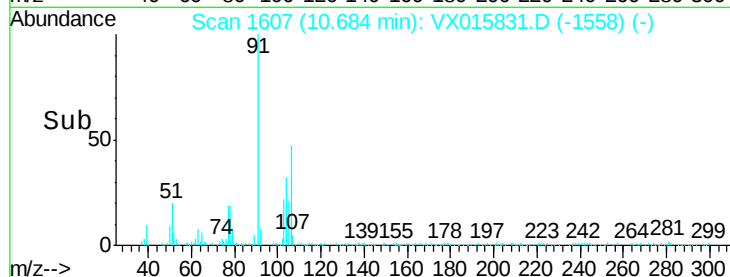
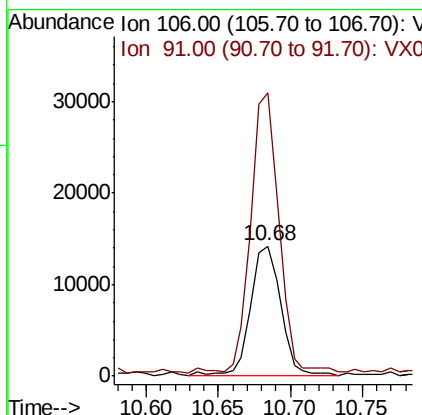
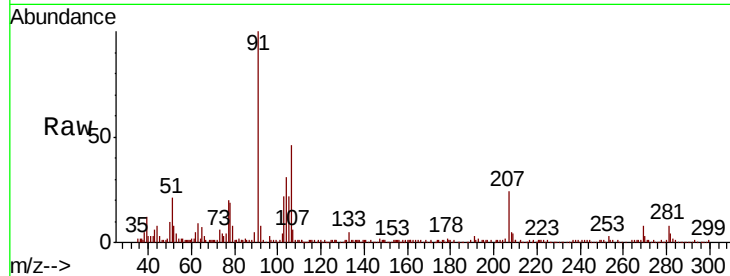




#69
o-Xylene
Concen: 1.084 ug/l
RT: 10.68 min Scan# 1607
Delta R.T. 0.00 min
Lab File: VX015831.D
Acq: 22 Apr 2020 09:59

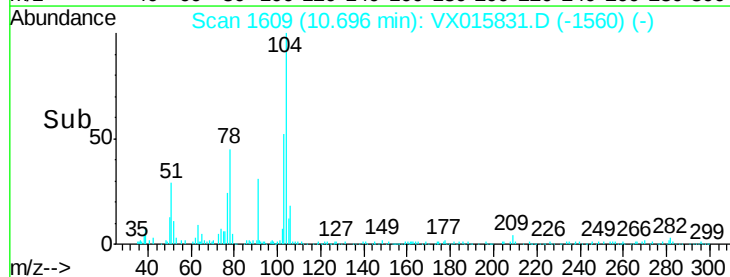
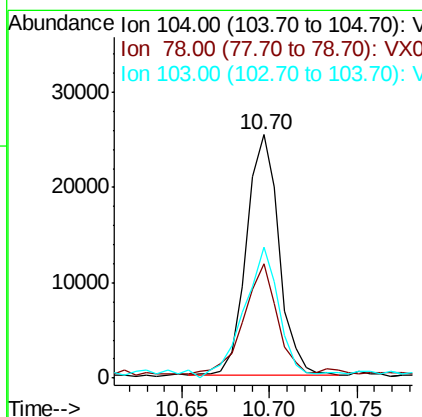
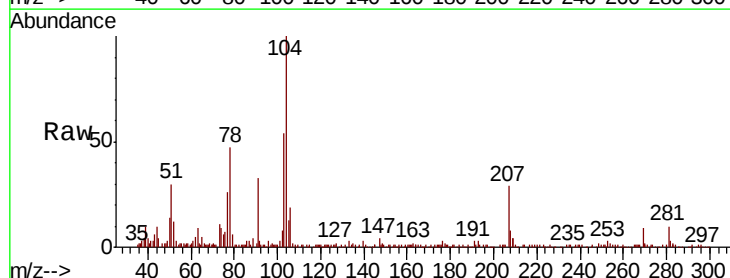
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

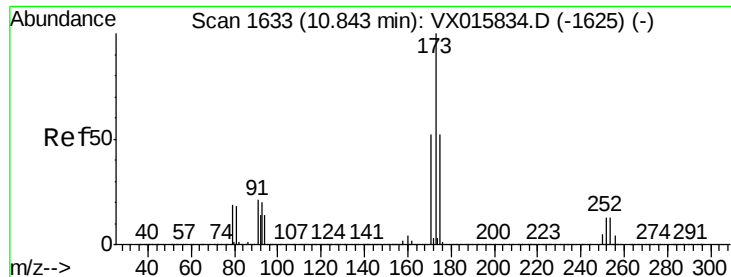
Tot Ion:106 Resp: 20850
Ion Ratio Lower Upper
106 100
91 193.8 107.1 321.3



#70
Styrene
Concen: 0.991 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX015831.D
Acq: 22 Apr 2020 09:59

Tgt Ion:104 Resp: 32750
Ion Ratio Lower Upper
104 100
78 47.3 40.1 60.1
103 58.9 43.3 64.9





#71

Bromoform

Concen: 0.859 ug/l

RT: 10.84 min Scan# 1633

Delta R.T. 0.00 min

Lab File: VX015831.D

Acq: 22 Apr 2020 09:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

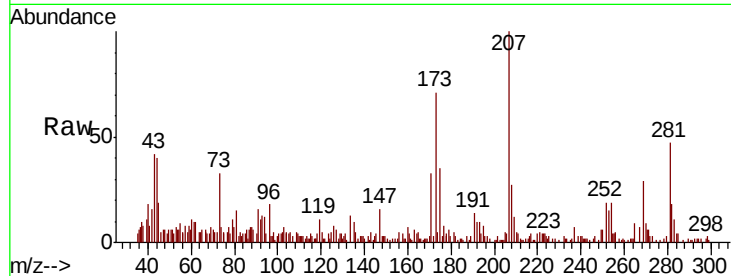
Tot Ion:173 Resp: 5374

Ion Ratio Lower Upper

173 100

175 68.4 25.1 75.4

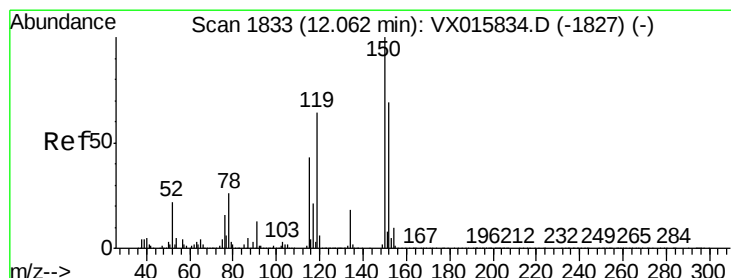
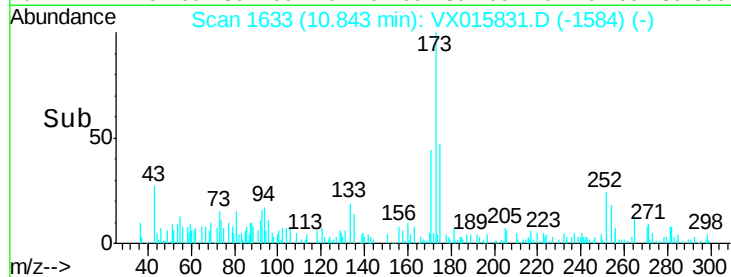
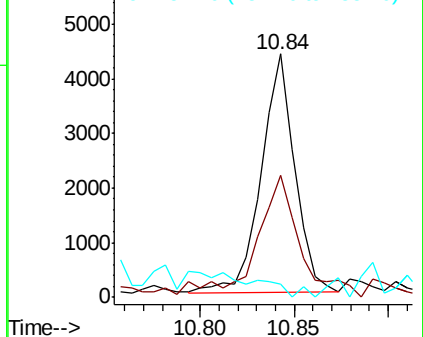
254 0.0 0.3 0.5#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX015831.D

Acq: 22 Apr 2020 09:59

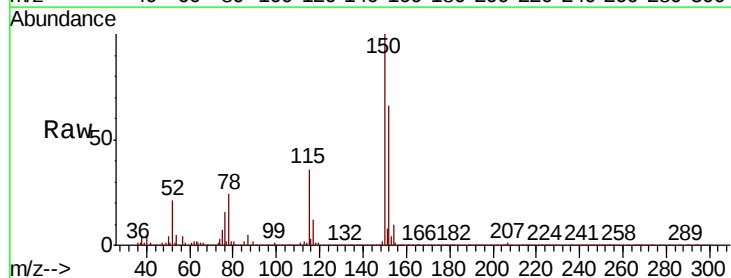
Tgt Ion:152 Resp: 806853

Ion Ratio Lower Upper

152 100

115 55.9 39.0 116.9

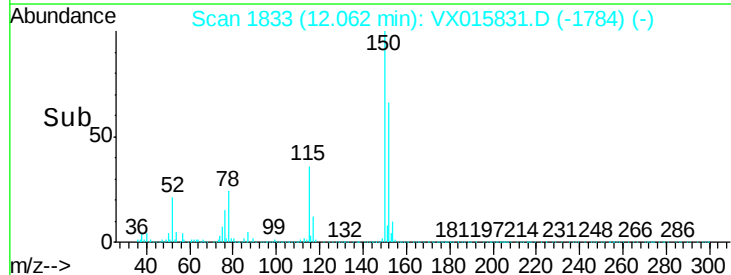
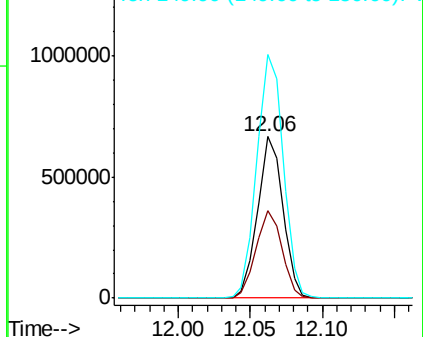
150 157.5 0.0 336.8

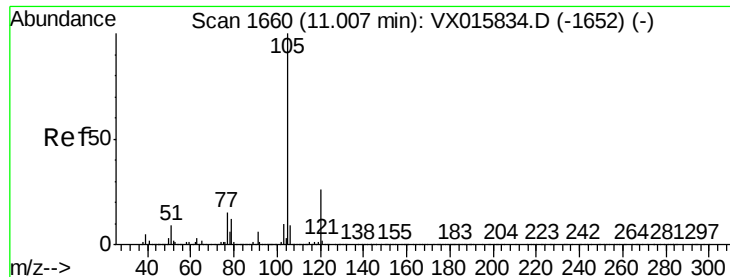


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 0.985 ug/l

RT: 11.00 min Scan# 1659

Delta R.T. -0.01 min

Lab File: VX015831.D

Acq: 22 Apr 2020 09:59

Instrument :

MSVOA_X

ClientSampleId :

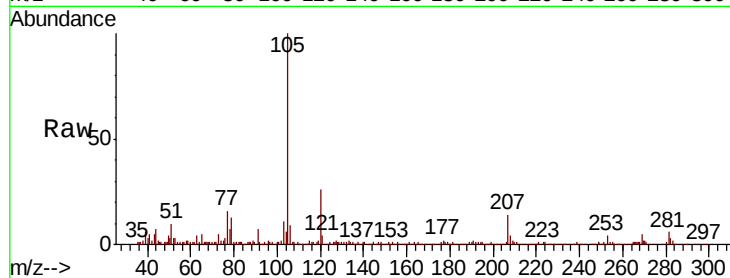
VSTDIC001

Tot Ion:105 Resp: 50829

Ion Ratio Lower Upper

105 100

120 27.1 13.1 39.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.00

40000

30000

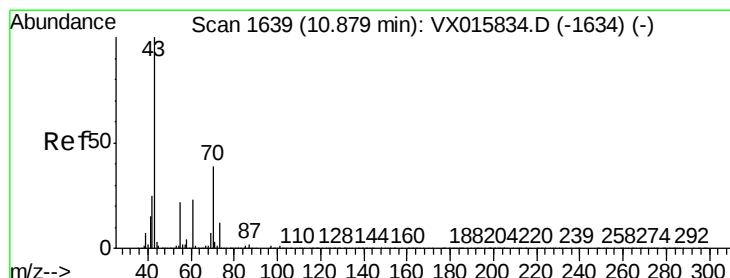
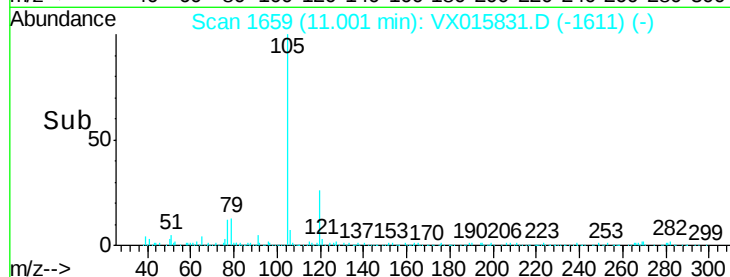
20000

10000

0

Time-->

10.95 11.00 11.05



#74

N-ethyl acetate

Concen: 1.053 ug/l

RT: 10.88 min Scan# 1639

Delta R.T. 0.00 min

Lab File: VX015831.D

Acq: 22 Apr 2020 09:59

Tgt Ion: 43 Resp: 27677

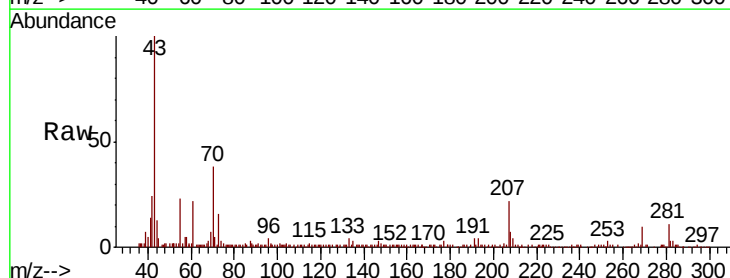
Ion Ratio Lower Upper

43 100

70 39.7 32.6 49.0

55 23.5 18.3 27.5

61 25.7 18.7 28.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

10.88

40000

30000

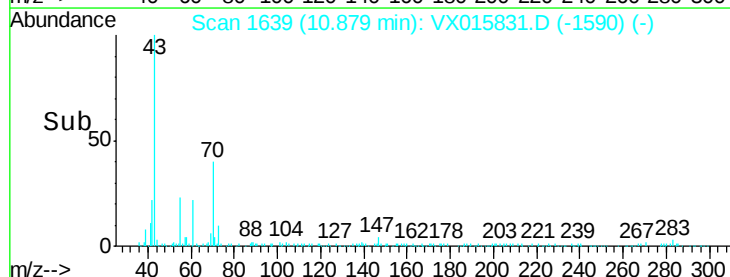
20000

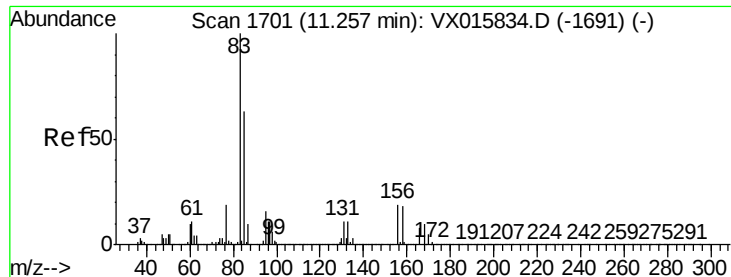
10000

0

Time-->

10.80 10.85 10.90 10.95





#75

1,1,2,2-Tetrachloroethane

Concen: 0.952 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.01 min

Lab File: VX015831.D

Acq: 22 Apr 2020 09:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

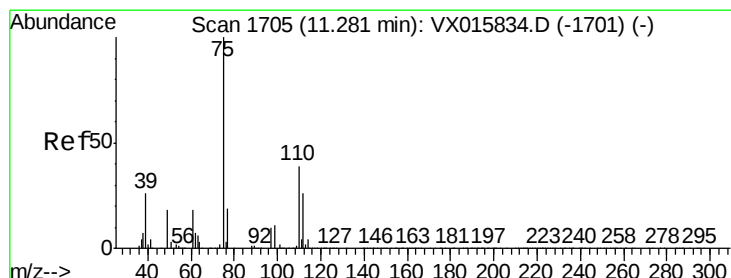
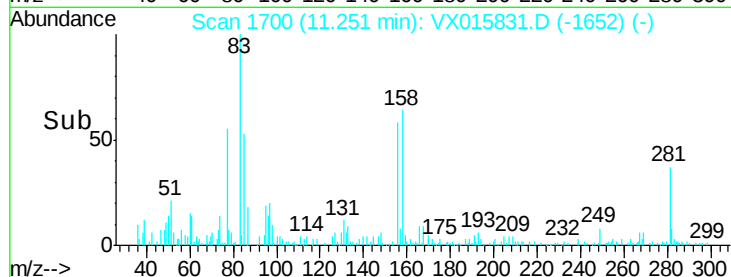
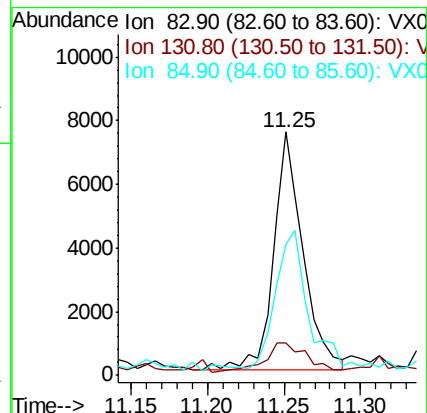
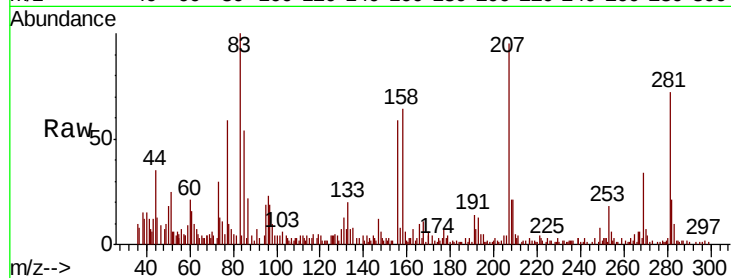
Tot Ion: 83 Resp: 10122

Ion Ratio Lower Upper

83 100

131 18.7 5.5 16.4#

85 68.5 32.4 97.0



#76

1,2,3-Trichloropropane

Concen: 1.056 ug/l

RT: 11.28 min Scan# 1705

Delta R.T. 0.00 min

Lab File: VX015831.D

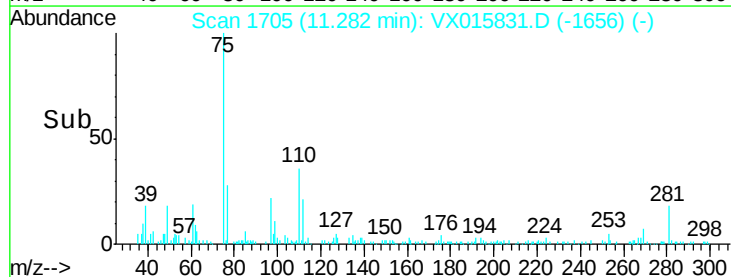
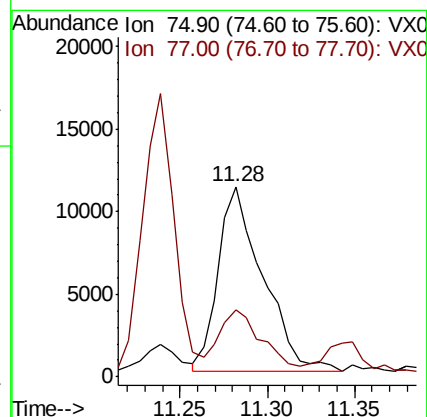
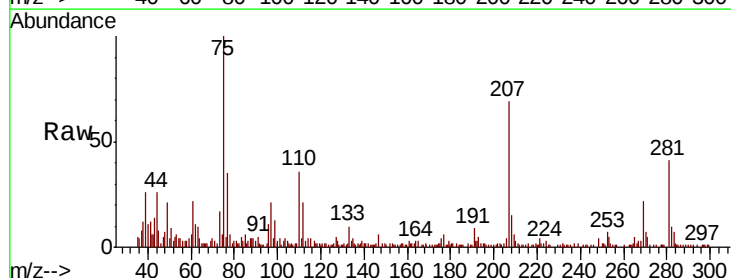
Acq: 22 Apr 2020 09:59

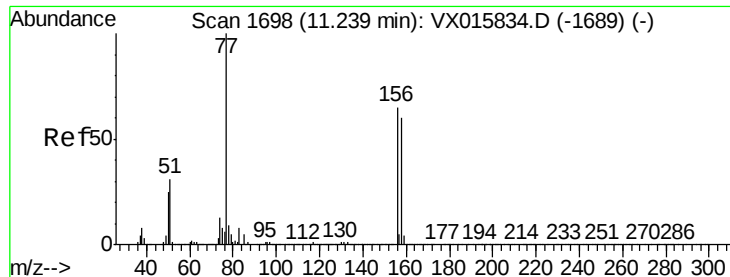
Tgt Ion: 75 Resp: 19662

Ion Ratio Lower Upper

75 100

77 33.4 21.3 63.9





#77

Bromobenzene

Concen: 0.999 ug/l

RT: 11.24 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX015831.D

Acq: 22 Apr 2020 09:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

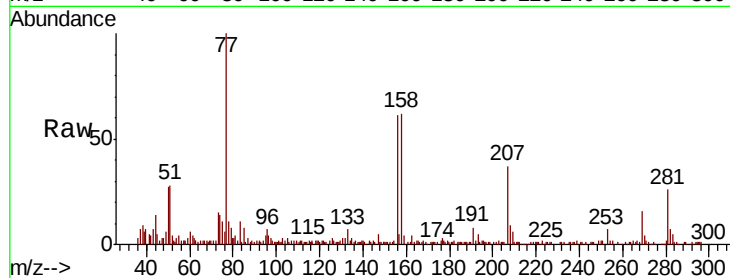
Tot Ion:156 Resp: 13968

Ion Ratio Lower Upper

156 100

77 155.5 75.2 225.6

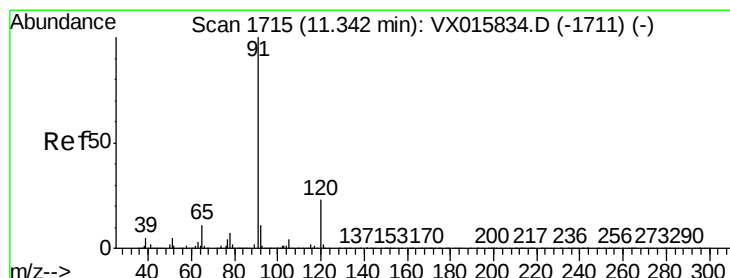
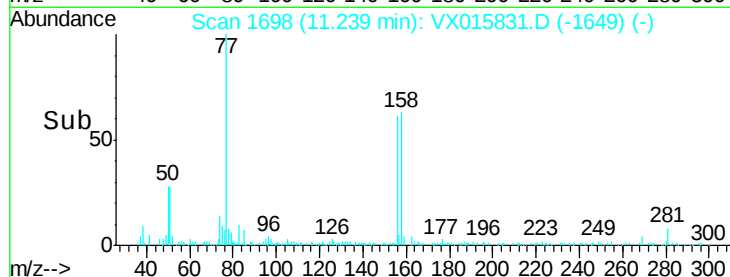
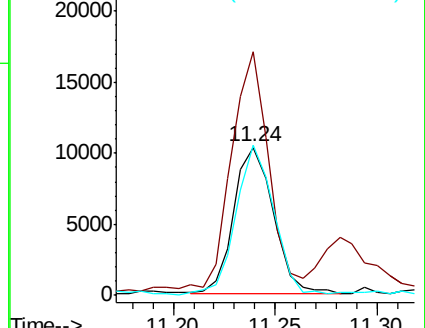
158 99.6 47.9 143.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 1.017 ug/l

RT: 11.34 min Scan# 1715

Delta R.T. 0.00 min

Lab File: VX015831.D

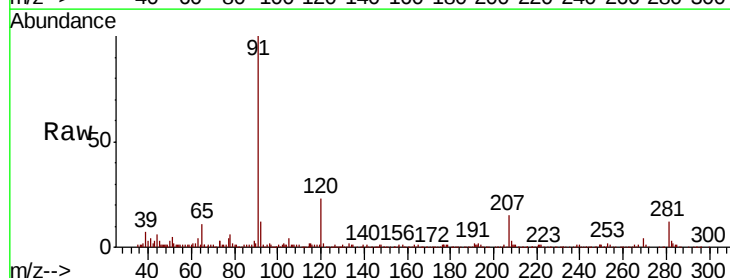
Acq: 22 Apr 2020 09:59

Tgt Ion: 91 Resp: 60152

Ion Ratio Lower Upper

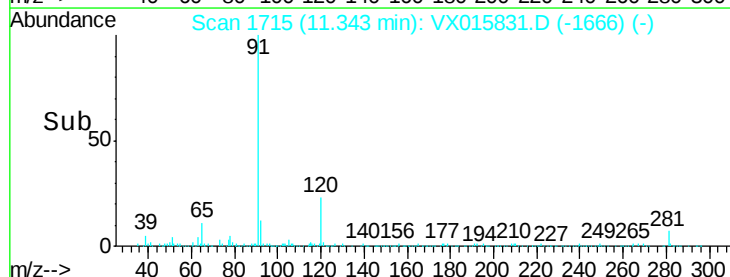
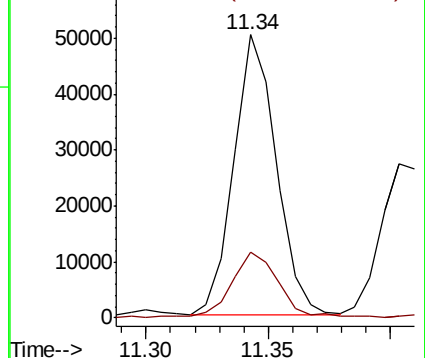
91 100

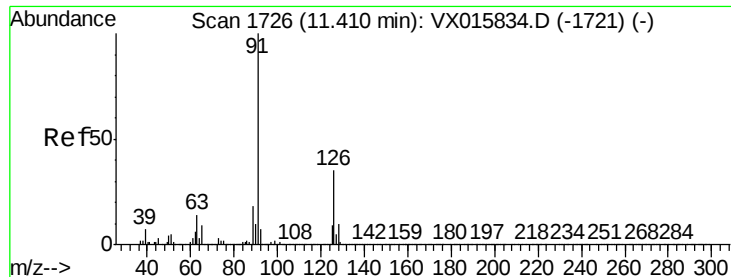
120 26.9 11.7 35.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 1.019 ug/l

RT: 11.40 min Scan# 1725

Delta R.T. -0.01 min

Lab File: VX015831.D

Acq: 22 Apr 2020 09:59

Instrument :

MSVOA_X

ClientSampleId :

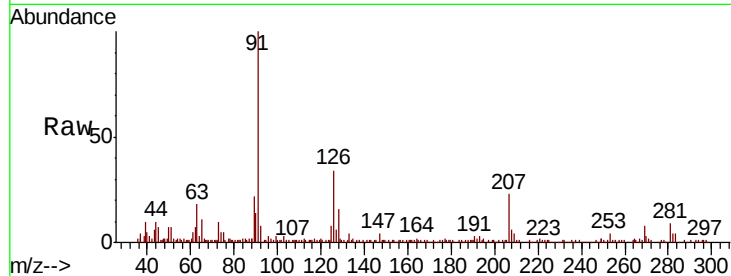
VSTDIC001

Tot Ion: 91 Resp: 35879

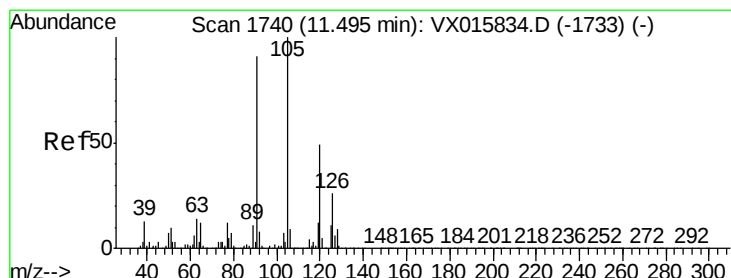
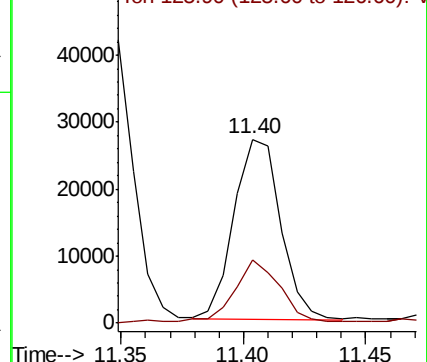
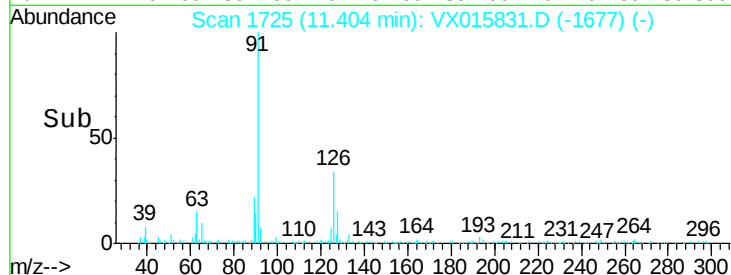
Ion Ratio Lower Upper

91 100

126 35.4 17.2 51.5



Abundance Ion 91.00 (90.70 to 91.70): VX015831.D (-1677) (-)



#80

1,3,5-Trimethylbenzene

Concen: 0.980 ug/l

RT: 11.49 min Scan# 1739

Delta R.T. -0.01 min

Lab File: VX015831.D

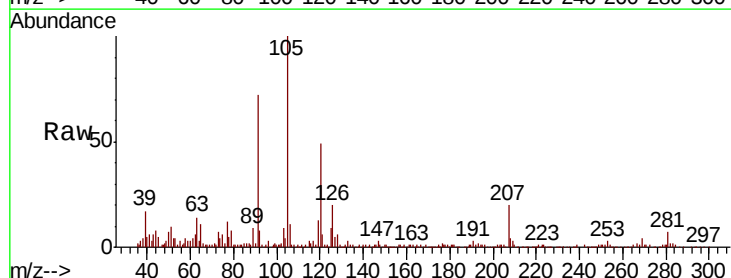
Acq: 22 Apr 2020 09:59

Tgt Ion: 105 Resp: 42693

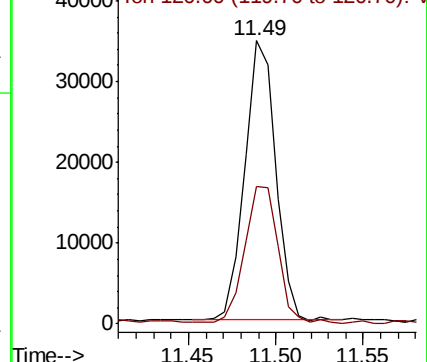
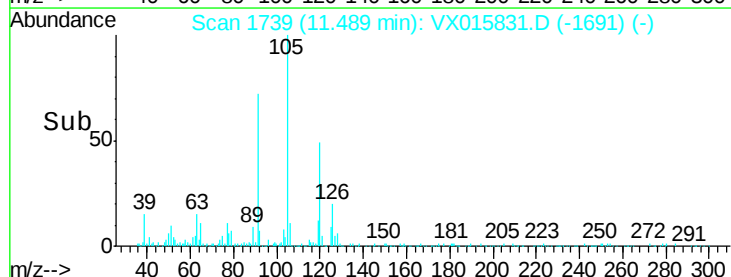
Ion Ratio Lower Upper

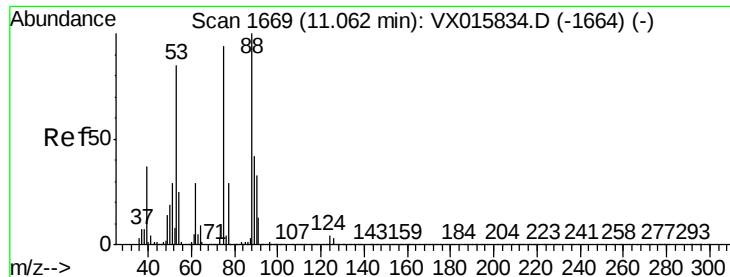
105 100

120 52.8 24.9 74.7



Abundance Ion 105.00 (104.70 to 105.70): VX015831.D (-1691) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 0.921 ug/l

RT: 11.06 min Scan# 1669

Delta R.T. 0.00 min

Lab File: VX015831.D

Acq: 22 Apr 2020 09:59

Instrument :

MSVOA_X

ClientSampled :

VSTDIC001

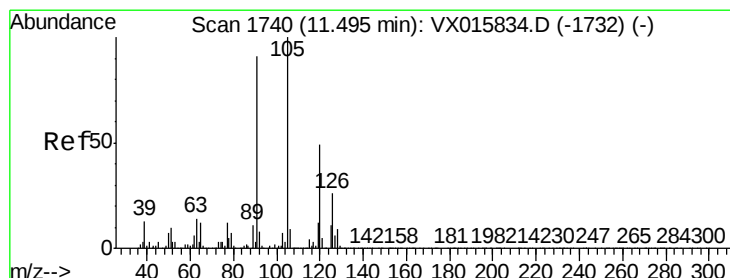
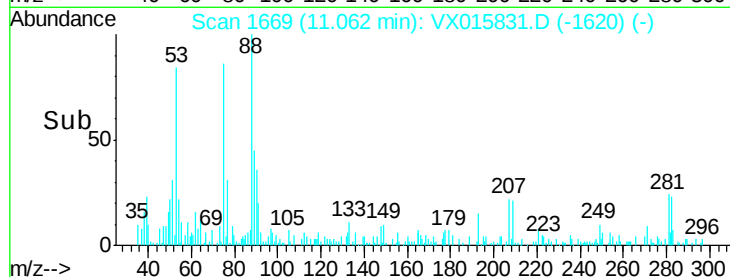
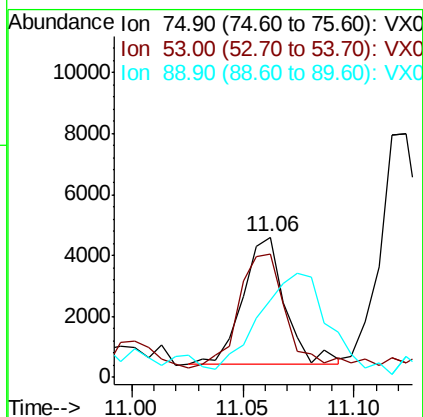
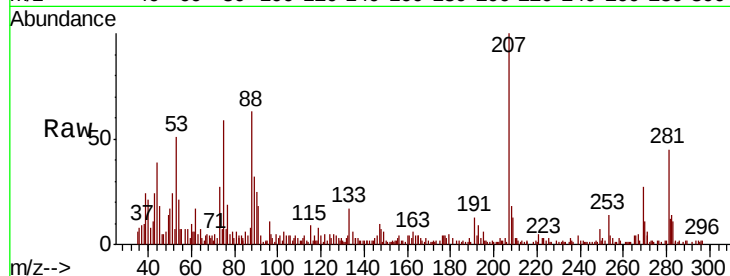
Tot Ion: 75 Resp: 5481

Ion Ratio Lower Upper

75 100

53 105.7 74.2 111.2

89 133.4 38.0 57.0#



#82

4-Chlorotoluene

Concen: 1.033 ug/l

RT: 11.50 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VX015831.D

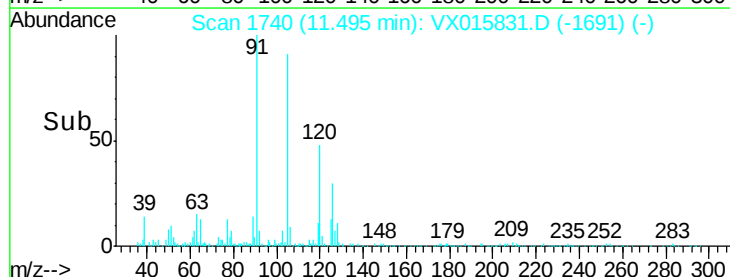
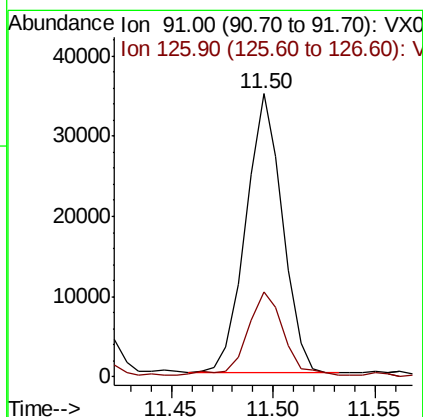
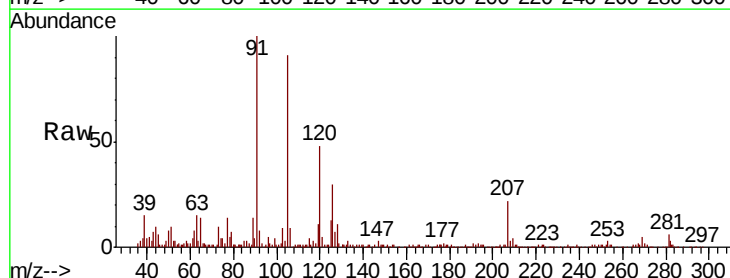
Acq: 22 Apr 2020 09:59

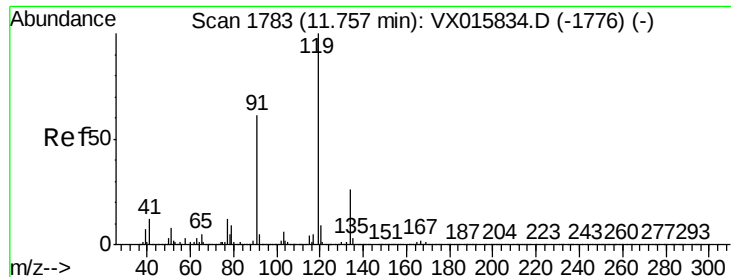
Tgt Ion: 91 Resp: 43363

Ion Ratio Lower Upper

91 100

126 30.8 15.0 45.0





#83

tert-Butylbenzene

Concen: 1.011 ug/l

RT: 11.76 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VX015831.D

Acq: 22 Apr 2020 09:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

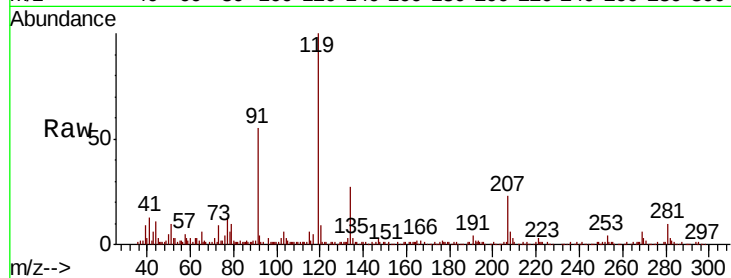
Tot Ion:119 Resp: 39178

Ion Ratio Lower Upper

119 100

91 60.7 30.9 92.7

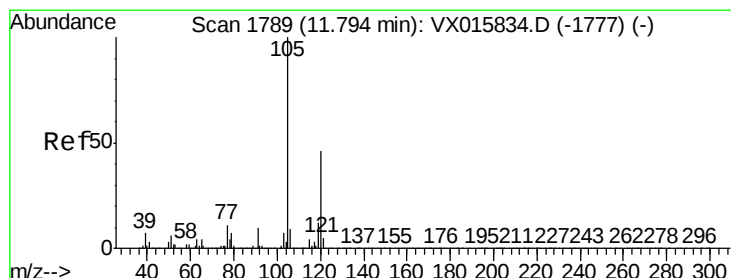
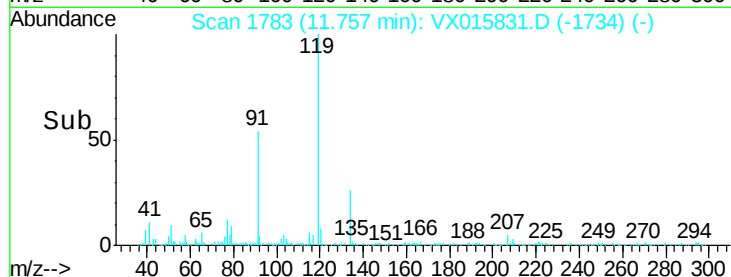
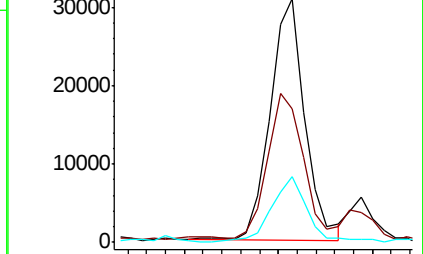
134 28.3 12.4 37.2



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 1.047 ug/l

RT: 11.79 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX015831.D

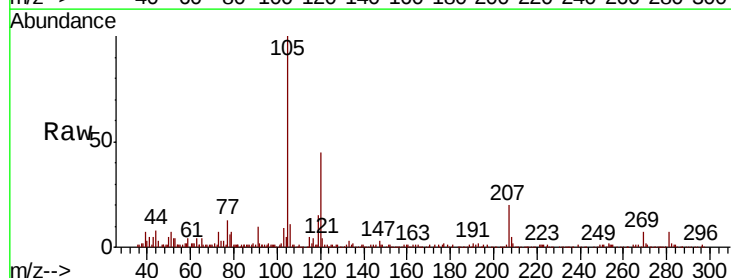
Acq: 22 Apr 2020 09:59

Tgt Ion:105 Resp: 47463

Ion Ratio Lower Upper

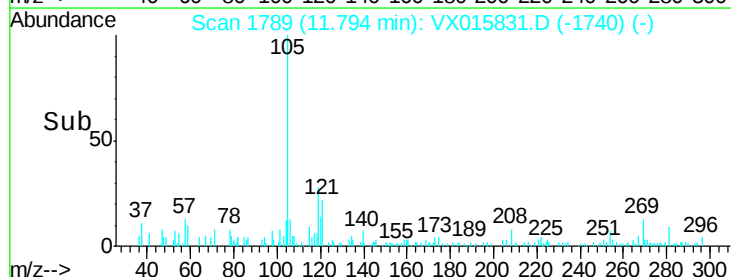
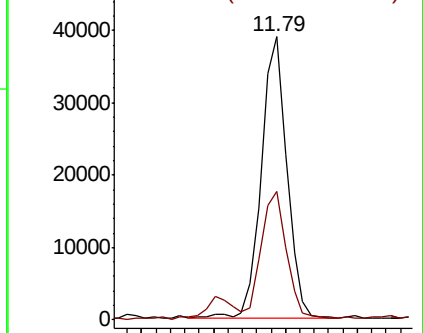
105 100

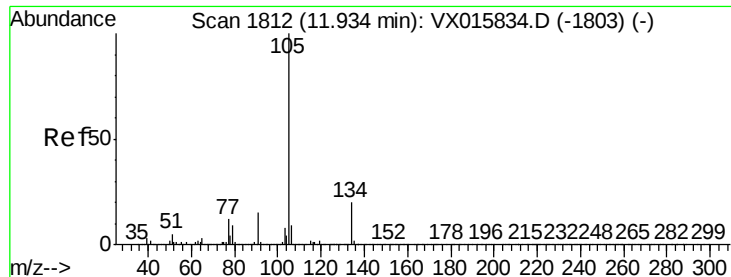
120 44.6 22.9 68.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 1.019 ug/l

RT: 11.93 min Scan# 1812

Delta R.T. 0.00 min

Lab File: VX015831.D

Acq: 22 Apr 2020 09:59

Instrument :

MSVOA_X

ClientSampleId :

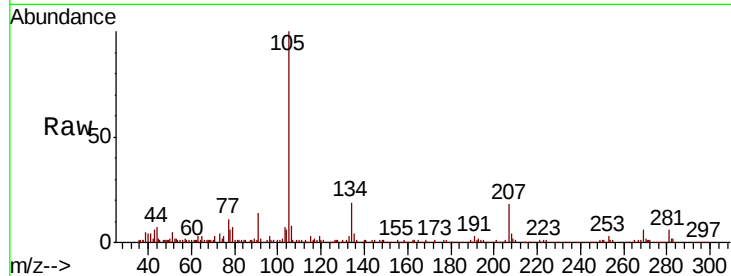
VSTDIC001

Tot Ion:105 Resp: 52162

Ion Ratio Lower Upper

105 100

134 21.2 10.3 30.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.93

40000

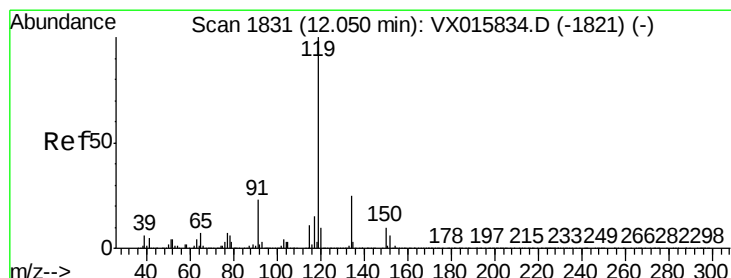
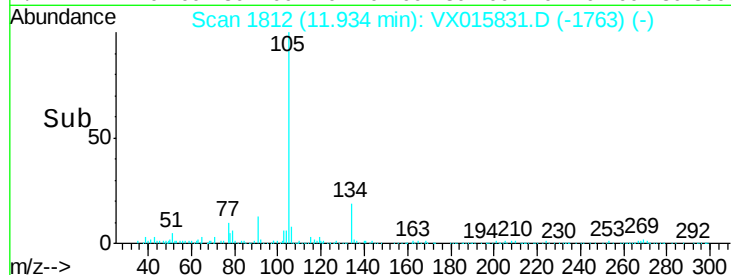
30000

20000

10000

0

Time--> 11.80 11.90 12.00



#86

p-Isopropyltoluene

Concen: 0.989 ug/l

RT: 12.05 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VX015831.D

Acq: 22 Apr 2020 09:59

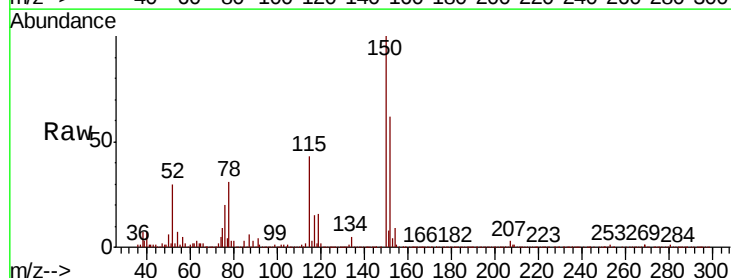
Tgt Ion:119 Resp: 47149

Ion Ratio Lower Upper

119 100

134 31.1 13.0 38.9

91 30.1 11.5 34.5



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

50000

40000

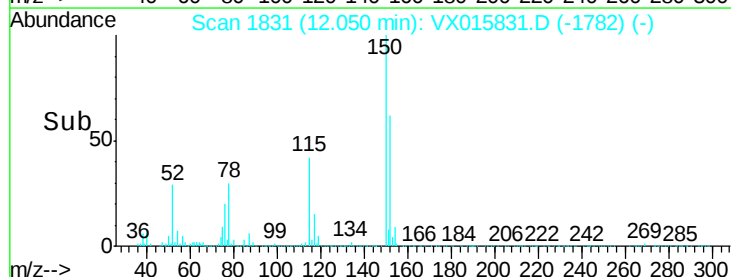
30000

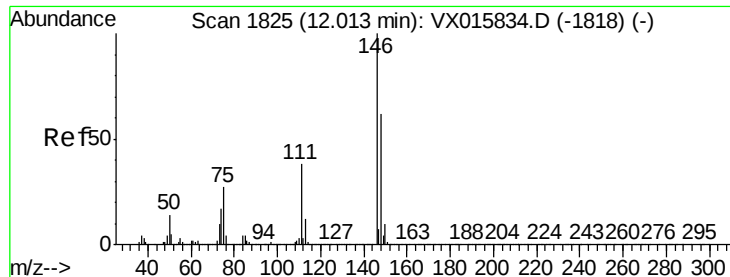
20000

10000

0

Time--> 12.00 12.05 12.10





#87

1,3-Dichlorobenzene

Concen: 1.061 ug/l

RT: 12.01 min Scan# 1825

Delta R.T. 0.00 min

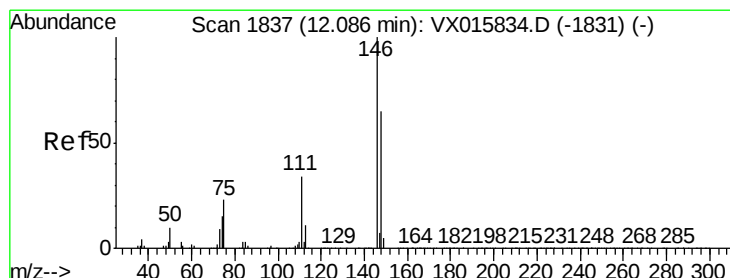
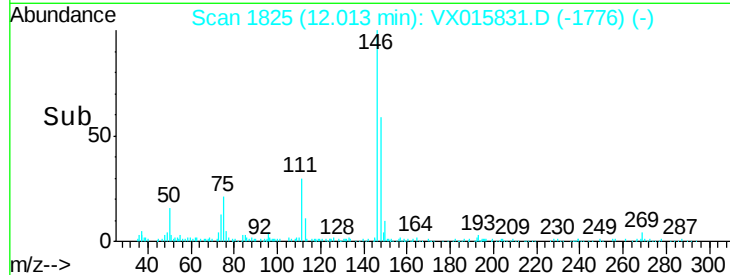
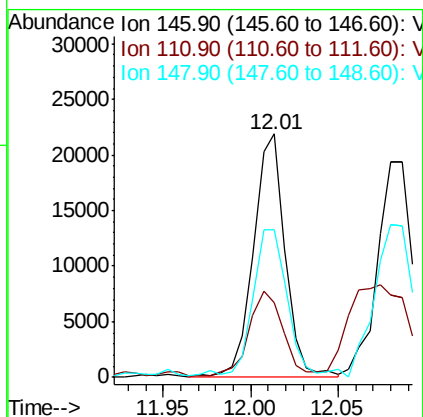
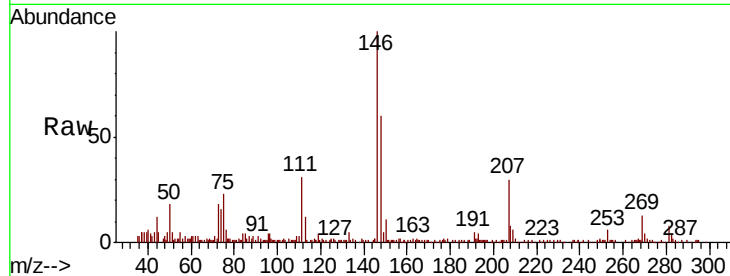
Lab File: VX015831.D

Acq: 22 Apr 2020 09:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion:146 Resp: 27311

Ion	Ratio	Lower	Upper
146	100		
111	37.6	19.1	57.1
148	66.9	30.9	92.7



#88

1,4-Dichlorobenzene

Concen: 1.065 ug/l

RT: 12.01 min Scan# 1825

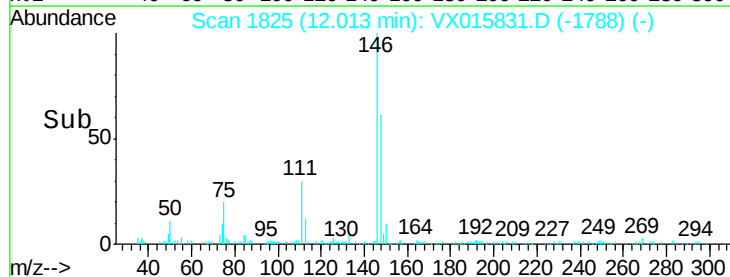
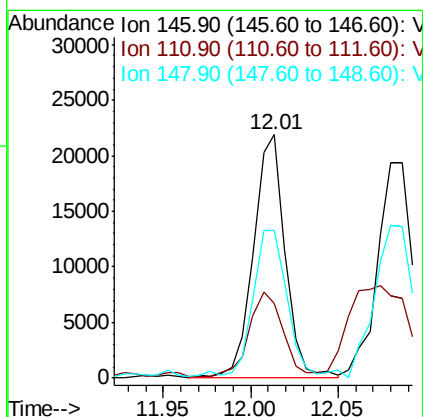
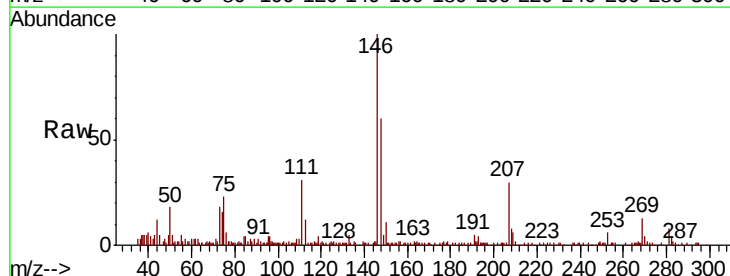
Delta R.T. -0.07 min

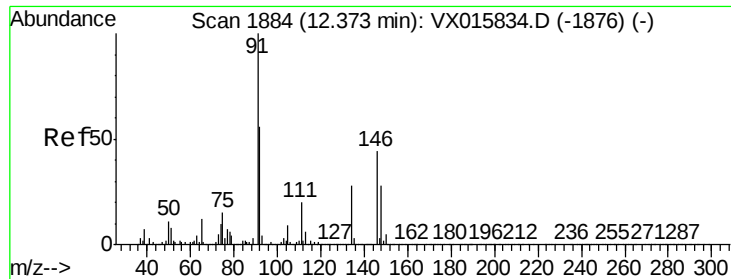
Lab File: VX015831.D

Acq: 22 Apr 2020 09:59

Tgt Ion:146 Resp: 27311

Ion	Ratio	Lower	Upper
146	100		
111	37.6	19.4	58.2
148	66.9	33.8	101.4





#89

n-Butylbenzene

Concen: 1.049 ug/l

RT: 12.37 min Scan# 1884

Delta R.T. 0.00 min

Lab File: VX015831.D

Acq: 22 Apr 2020 09:59

Instrument :

MSVOA_X

ClientSampled :

VSTDIC001

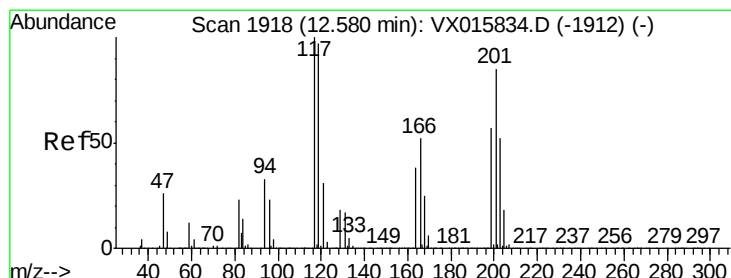
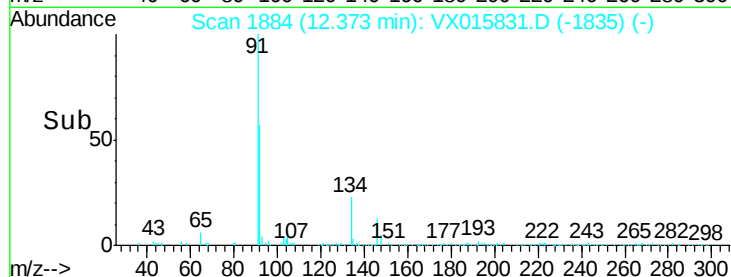
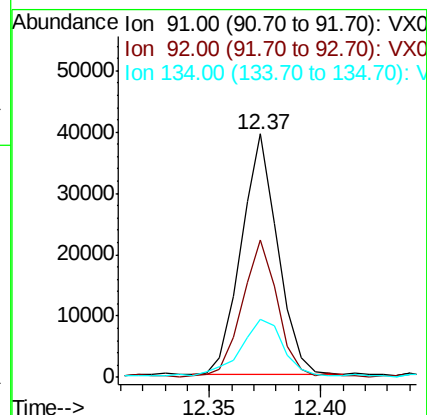
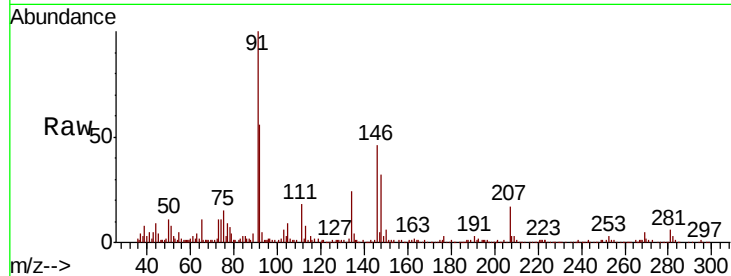
Tot Ion: 91 Resp: 44566

Ion Ratio Lower Upper

91 100

92 55.5 27.7 83.1

134 27.8 14.1 42.4



#90

Hexachloroethane

Concen: 0.810 ug/l

RT: 12.58 min Scan# 1918

Delta R.T. 0.00 min

Lab File: VX015831.D

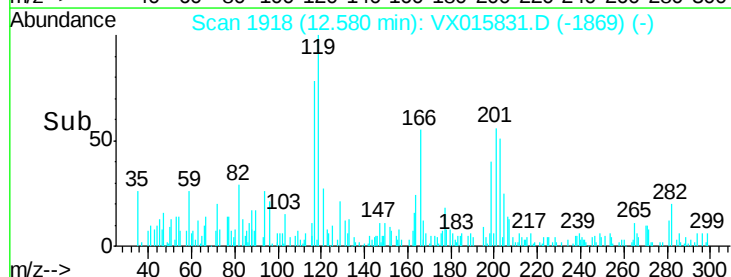
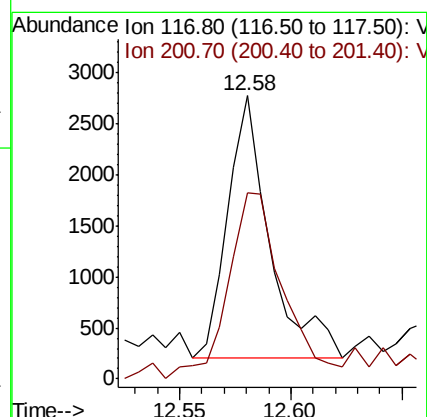
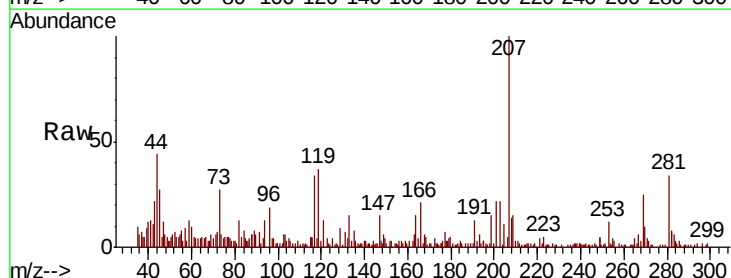
Acq: 22 Apr 2020 09:59

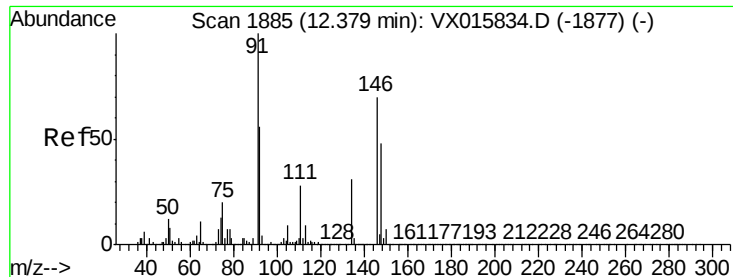
Tgt Ion: 117 Resp: 3405

Ion Ratio Lower Upper

117 100

201 92.0 45.6 136.9





#91

1,2-Dichlorobenzene

Concen: 1.010 ug/l

RT: 12.38 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX015831.D

Acq: 22 Apr 2020 09:59

Instrument :

MSVOA_X

ClientSampled :

VSTDIC001

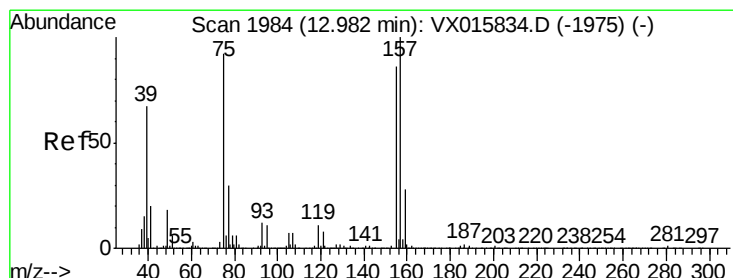
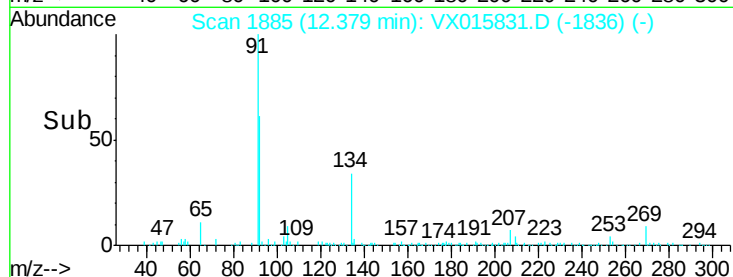
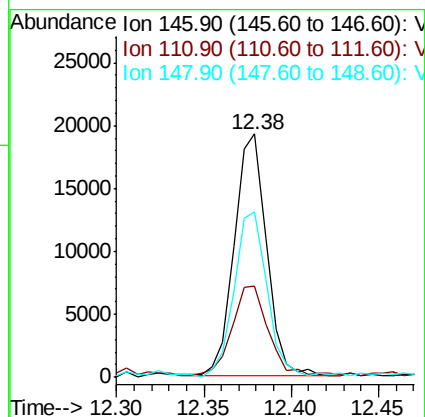
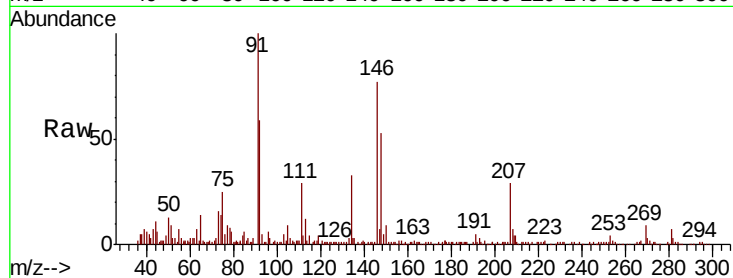
Tot Ion:146 Resp: 24511

Ion Ratio Lower Upper

146 100

111 41.5 20.3 61.0

148 70.6 32.1 96.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 1.033 ug/l

RT: 12.98 min Scan# 1984

Delta R.T. 0.00 min

Lab File: VX015831.D

Acq: 22 Apr 2020 09:59

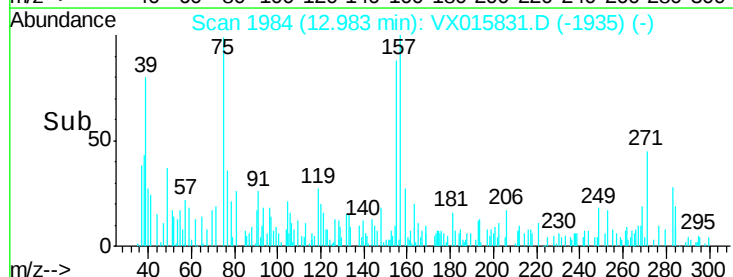
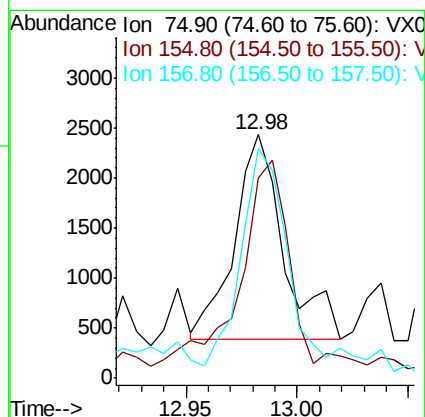
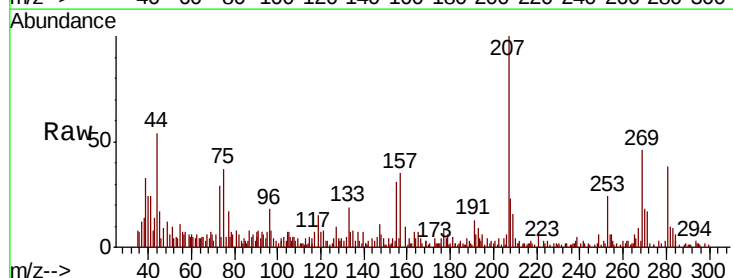
Tgt Ion: 75 Resp: 3153

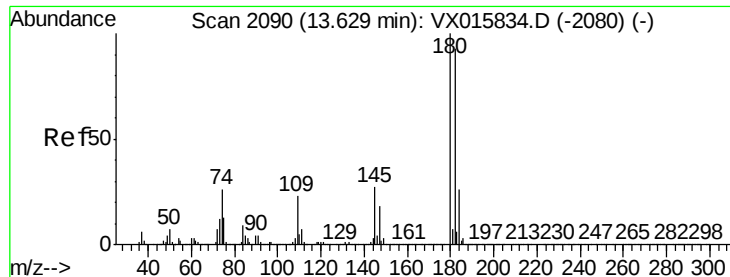
Ion Ratio Lower Upper

75 100

155 101.3 48.1 144.4

157 123.1 58.9 176.7

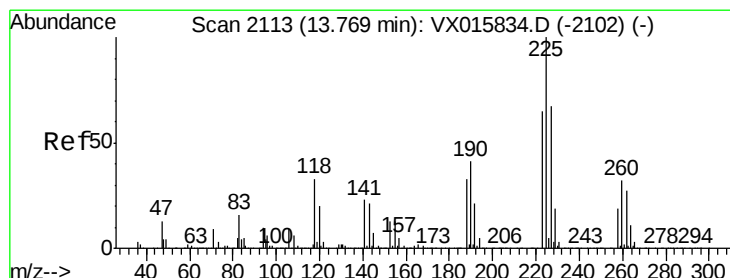
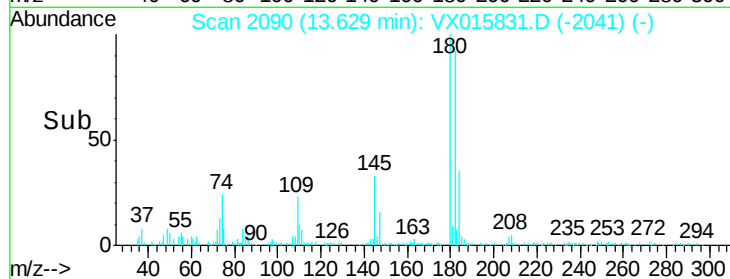
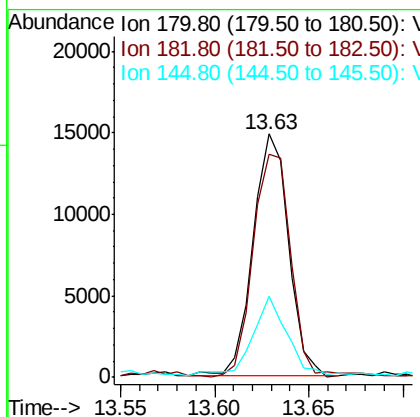
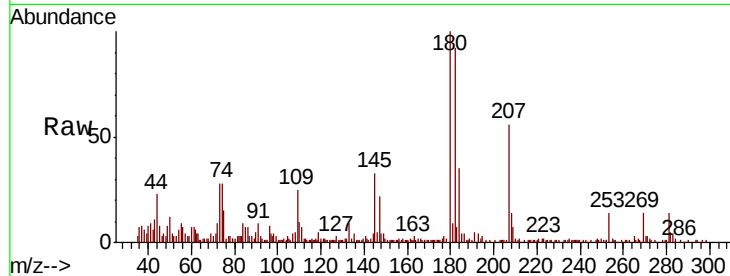




#93
 1,2,4-Trichlorobenzene
 Concen: 1.012 ug/l
 RT: 13.63 min Scan# 2090
 Delta R.T. 0.00 min
 Lab File: VX015831.D
 Acq: 22 Apr 2020 09:59

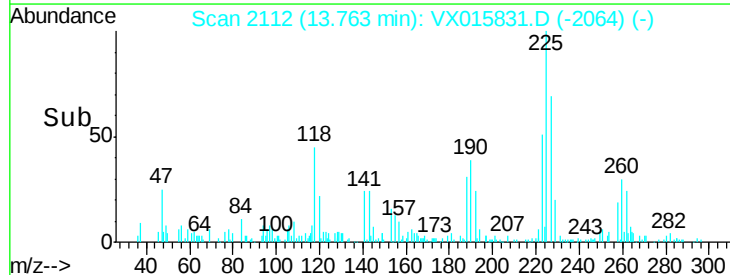
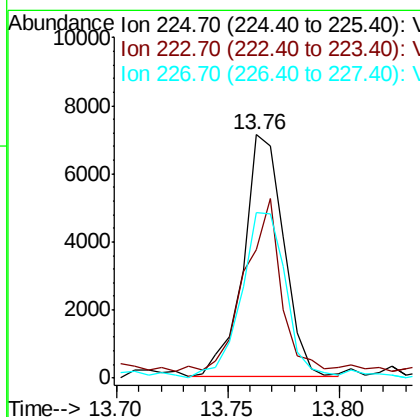
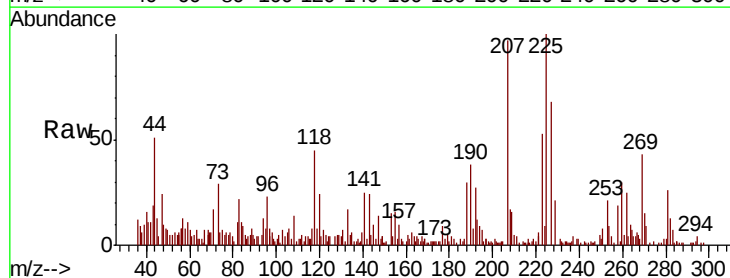
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

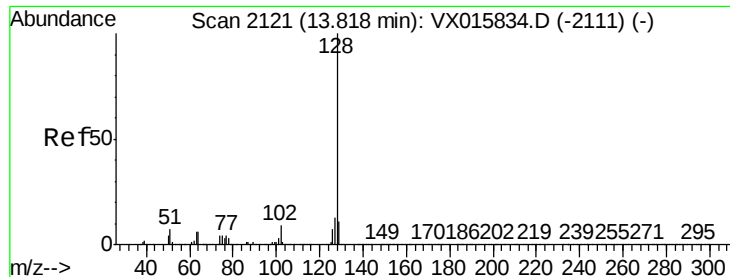
Tot Ion	Ratio	Lower	Upper
180	100		
182	99.8	47.7	143.1
145	32.2	14.5	43.5



#94
 Hexachlorobutadiene
 Concen: 1.053 ug/l
 RT: 13.76 min Scan# 2112
 Delta R.T. -0.01 min
 Lab File: VX015831.D
 Acq: 22 Apr 2020 09:59

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.8	31.3	93.8
227	75.7	32.6	97.8

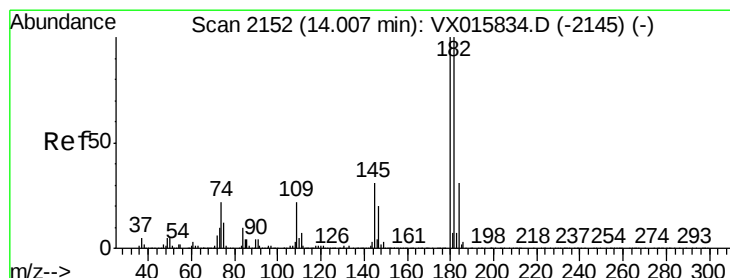
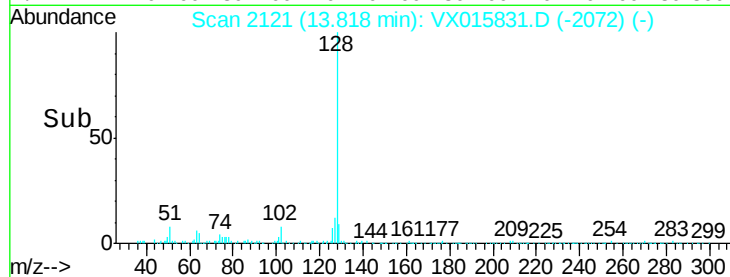
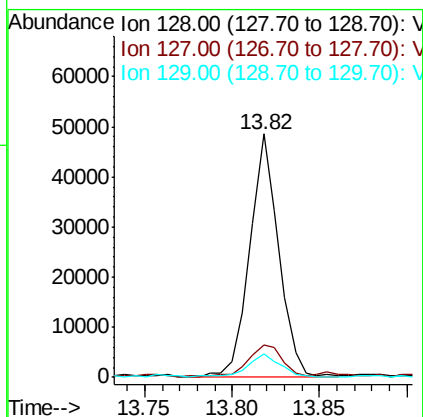
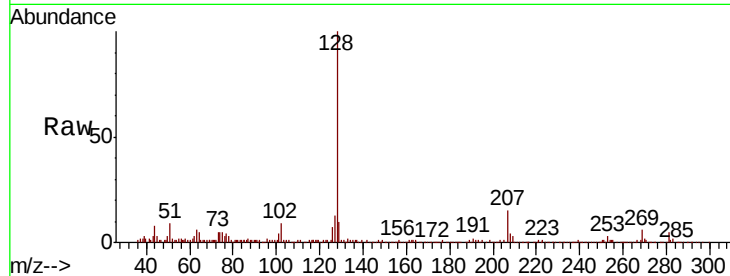




#95
Naphthalene
Concen: 1.010 ug/l
RT: 13.82 min Scan# 2121
Delta R.T. 0.00 min
Lab File: VX015831.D
Acq: 22 Apr 2020 09:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
128	100		
127	14.9	10.5	15.7
129	11.4	8.5	12.7



#96
1,2,3-Trichlorobenzene
Concen: 1.059 ug/l
RT: 14.00 min Scan# 2151
Delta R.T. -0.01 min
Lab File: VX015831.D
Acq: 22 Apr 2020 09:59

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.1	47.9	143.7
145	30.6	15.2	45.5

