

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120719\
 Data File : VX0137844.D
 Acq On : 07 Dec 2019 04:35 pm
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 09 02:14:26 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X111119W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Nov 12 01:16:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.01	128	98485	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.85	114	547153	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	487207	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.06	65	207919	28.59	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	95.30%
60) 4-Bromofluorobenzene	11.13	95	234286	29.92	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	99.73%
63) Toluene-d8	8.71	98	665243	30.20	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	100.67%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.19	85	141815	19.219 ug/l	97
3) Chloromethane	1.32	50	151346	18.819 ug/l	99
4) Vinyl Chloride	1.40	62	175031	19.154 ug/l	99
5) Bromomethane	1.63	94	72549	13.206 ug/l	98
6) Chloroethane	1.72	64	97589	19.428 ug/l	97
7) Trichlorofluoromethane	1.92	101	185286	18.834 ug/l	94
8) Diethyl Ether	2.18	74	87802	19.547 ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	118355	19.996 ug/l	98
10) 1,1-Dichloroethene	2.37	96	118170	19.428 ug/l	94
11) Methyl Iodide	2.50	142	80599	10.732 ug/l	98
12) Methyl Acetate	2.76	43	206671	19.391 ug/l	99
13) Acrolein	2.28	56	112150	99.061 ug/l	98
14) Acrylonitrile	3.13	53	355908	90.810 ug/l	98
15) Acetone	2.43	58	93721	78.955 ug/l	98
16) Carbon Disulfide	2.56	76	304029	17.921 ug/l	100
17) Allyl chloride	2.72	41	206058	18.396 ug/l	99
18) Methylene Chloride	2.85	84	136214	19.738 ug/l	98
19) trans-1,2-Dichloroethene	3.15	96	122266	18.809 ug/l	98
20) Diisopropyl ether	3.84	45	427242	19.826 ug/l	91
21) 1,1-Dichloroethane	3.69	63	230598	19.646 ug/l	98
22) cis-1,2-Dichloroethene	4.59	96	143997	19.429 ug/l	99
23) tert-Butyl Alcohol	3.03	59	133142	70.590 ug/l	100
24) Methyl tert-Butyl Ether	3.19	73	389488	19.348 ug/l	100
25) Chloroform	5.20	83	224451	19.536 ug/l	100
26) Cyclohexane	5.57	56	204632	19.198 ug/l	# 98
29) 1,1-Dichloropropene	5.79	75	167403	20.031 ug/l	99
30) 2-Butanone	4.66	43	489450	88.730 ug/l	99
31) 2,2-Dichloropropane	4.57	77	179342	19.815 ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	186426	20.070 ug/l	99
33) Carbon Tetrachloride	5.78	117	158028	19.586 ug/l	99
34) Benzene	6.14	78	524173	20.678 ug/l	99
35) Methacrylonitrile	5.03	41	108653	19.724 ug/l	95
36) 1,2-Dichloroethane	6.18	62	180028	20.290 ug/l	99
37) Trichloroethene	7.21	130	136801	20.145 ug/l	94
38) Methylcyclohexane	7.46	83	202543	19.766 ug/l	99
39) 1,2-Dichloropropane	7.51	63	133758	20.408 ug/l	97
40) Dibromomethane	7.65	93	87960	20.165 ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.89	83	166219	19.521	ug/l	97
42) Vinyl Acetate	3.80	43	1728103	99.505	ug/l	100
43) Ethyl Acetate	4.82	43	188552	18.741	ug/l	96
44) Isopropyl Acetate	6.43	43	312425	19.319	ug/l	100
45) 1,4-Dioxane	7.73	88	44638	250.005	ug/l	96
46) Methyl methacrylate	7.76	41	154752	19.237	ug/l	100
47) n-amyl Acetate	10.89	43	275003	19.386	ug/l	100
48) t-1,3-Dichloropropene	9.04	75	181421	19.001	ug/l	98
49) cis-1,3-Dichloropropene	8.43	75	205584	19.650	ug/l	99
50) 1,1,2-Trichloroethane	9.21	97	128935	19.975	ug/l	99
51) Ethyl methacrylate	9.17	69	209051	19.671	ug/l	98
52) 1,3-Dichloropropane	9.37	76	225636	20.448	ug/l	100
53) Dibromochloromethane	9.58	129	134903	19.720	ug/l	97
54) 1,2-Dibromoethane	9.67	107	137122	19.867	ug/l	96
55) 2-Chloroethyl vinyl ether	8.31	63	387021	85.229	ug/l	100
56) Bromoform	10.85	173	98842	18.156	ug/l	99
58) 4-Methyl-2-Pentanone	8.64	43	983995	96.680	ug/l	99
59) 2-Hexanone	9.48	43	750245	93.163	ug/l	99
61) Tetrachloroethene	9.33	164	120585	20.071	ug/l	98
62) Toluene	8.78	91	556467	20.505	ug/l	99
64) Chlorobenzene	10.14	112	352503	20.774	ug/l	98
65) 1,1,1,2-Tetrachloroethane	10.21	131	127779	20.117	ug/l	98
66) Ethyl Benzene	10.24	91	612787	20.554	ug/l	99
67) m/p-Xylenes	10.35	106	466226	40.539	ug/l	99
68) o-Xylene	10.70	106	229200	20.651	ug/l	96
69) Styrene	10.71	104	381766	20.143	ug/l	99
70) Isopropylbenzene	11.01	105	605938	20.719	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.26	83	210366	20.089	ug/l	99
72) 1,2,3-Trichloropropane	11.29	75	222644	25.180	ug/l	83
73) Bromobenzene	11.25	156	157945	20.479	ug/l	97
74) n-propylbenzene	11.35	91	684880	20.606	ug/l	100
75) 2-Chlorotoluene	11.42	91	404793	20.481	ug/l	99
76) 1,3,5-Trimethylbenzene	11.50	105	498929	20.296	ug/l	100
77) t-1,4-Dichloro-2-butene	11.07	75	61498	17.201	ug/l	91
78) 4-Chlorotoluene	11.51	91	459751	20.303	ug/l	100
79) tert-butylbenzene	11.76	119	502709	20.268	ug/l	100
80) 1,2,4-Trimethylbenzene	11.80	105	498185	20.336	ug/l	100
81) sec-Butylbenzene	11.94	105	578916	20.458	ug/l	99
82) p-Isopropyltoluene	12.06	119	525945	20.172	ug/l	100
83) 1,3-Dichlorobenzene	12.02	146	274326	20.231	ug/l	99
84) 1,4-Dichlorobenzene	12.09	146	275767	20.488	ug/l	98
85) n-Butylbenzene	12.38	91	449991	19.997	ug/l	99
86) Hexachloroethane	12.59	117	89890	18.788	ug/l	97
87) 1,2-Dichlorobenzene	12.38	146	276856	20.419	ug/l	98
88) 1,2-Dibromo-3-Chloropropan	12.99	75	42961	18.345	ug/l	97
89) 1,2,4-Trichlorobenzene	13.64	180	185652	19.858	ug/l	97
90) Hexachlorobutadiene	13.77	225	82461	18.407	ug/l	97
91) Naphthalene	13.83	128	581886	19.658	ug/l	99
92) 1,2,3-Trichlorobenzene	14.01	180	187105	19.804	ug/l	99

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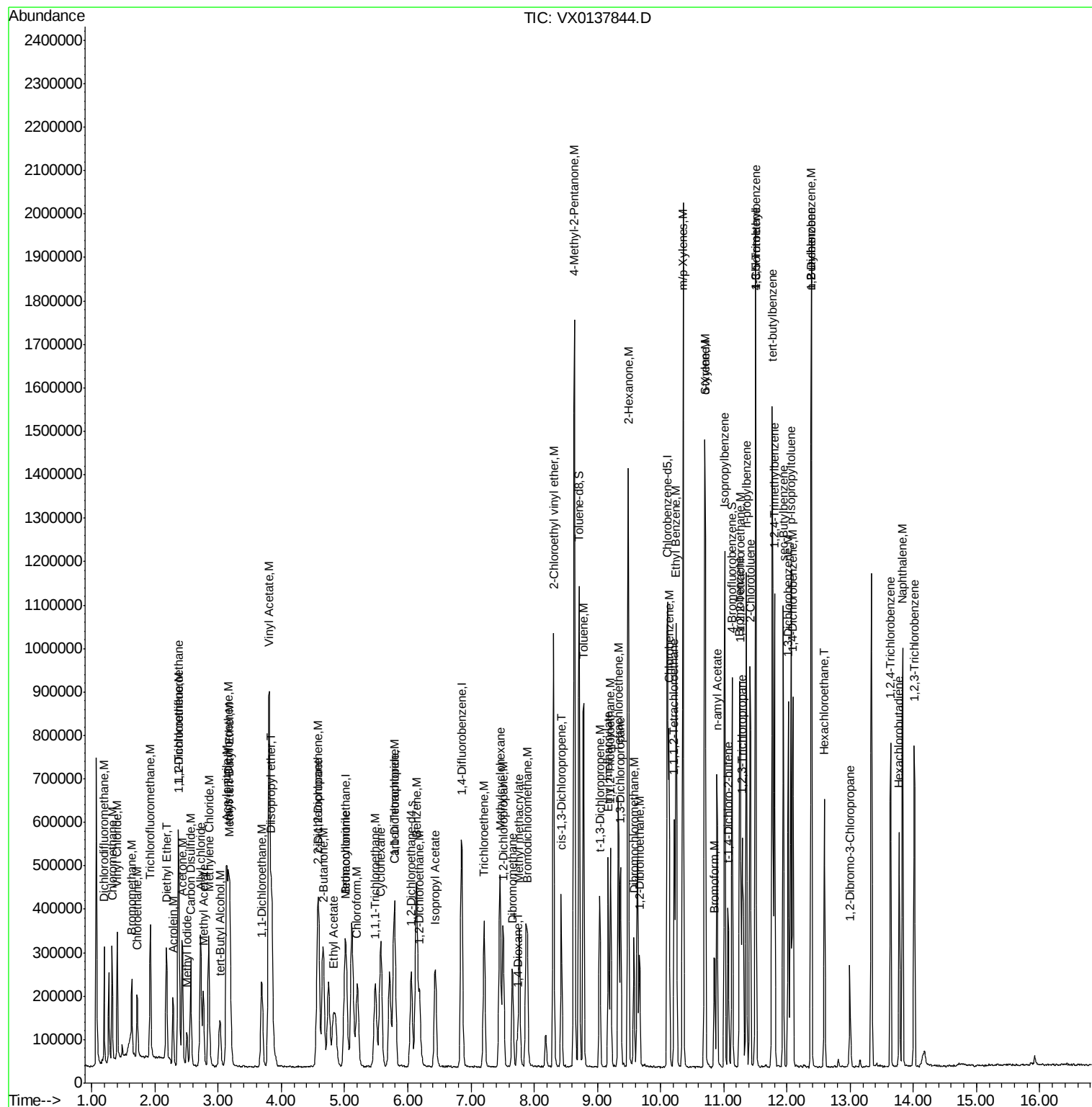
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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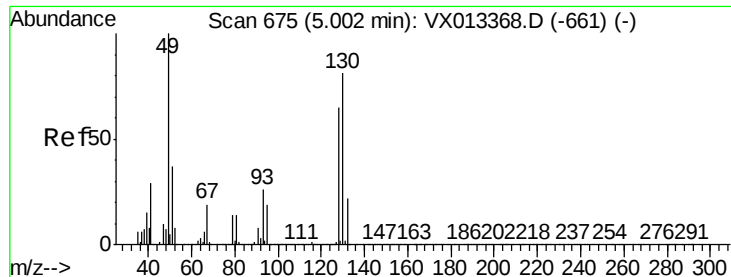
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :

Quant Time: Dec 09 02:14:26 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X111119W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Tue Nov 12 01:16:13 2019
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.01 min Scan# 676

Delta R.T. 0.01 min

Lab File: VX0137844.D

Acq: 07 Dec 2019 04:35 pm

Instrument :

MSVOA_X

ClientSampleId :

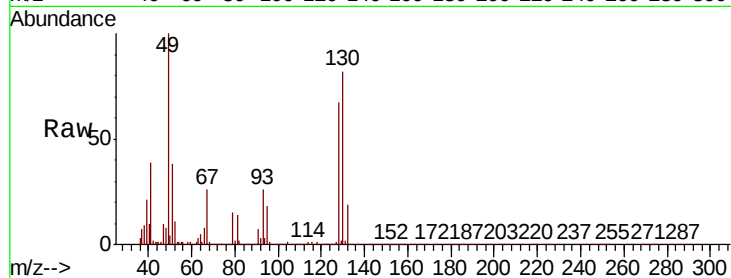
Tot Ion:128 Resp: 98485

Ion Ratio Lower Upper

128 100

49 157.0 0.0 388.3

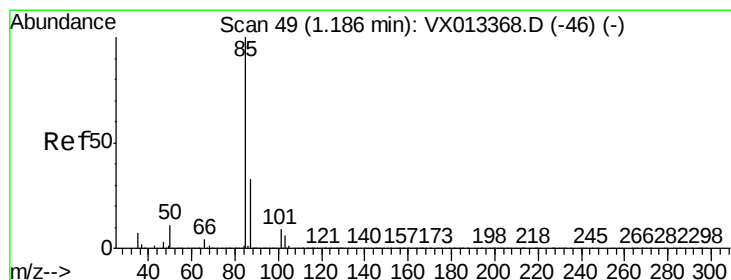
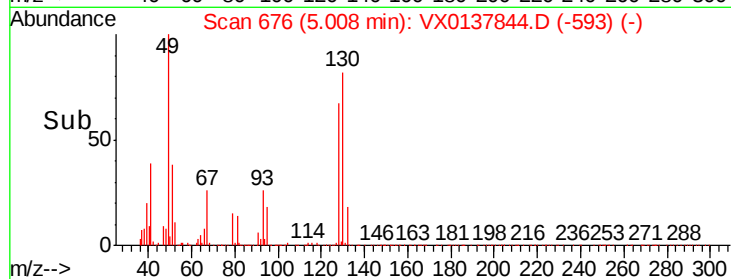
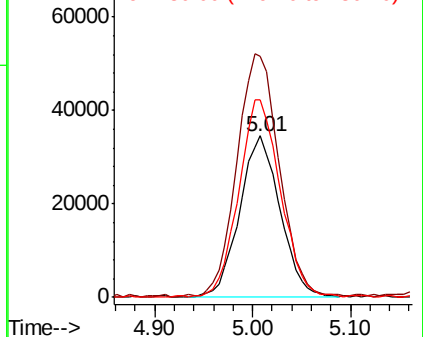
130 126.1 0.0 318.5



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VX0

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 19.219 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.01 min

Lab File: VX0137844.D

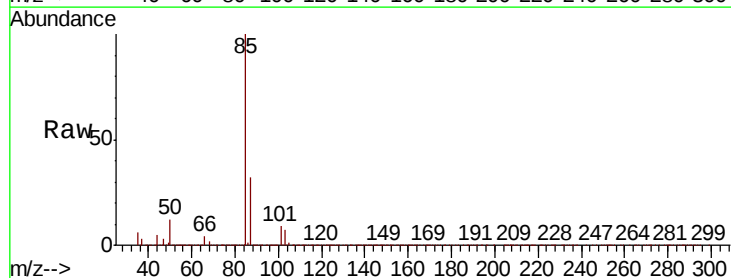
Acq: 07 Dec 2019 04:35 pm

Tgt Ion: 85 Resp: 141815

Ion Ratio Lower Upper

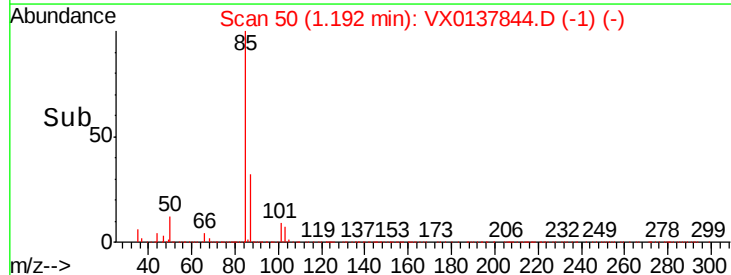
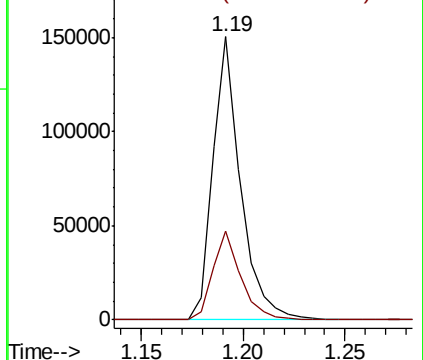
85 100

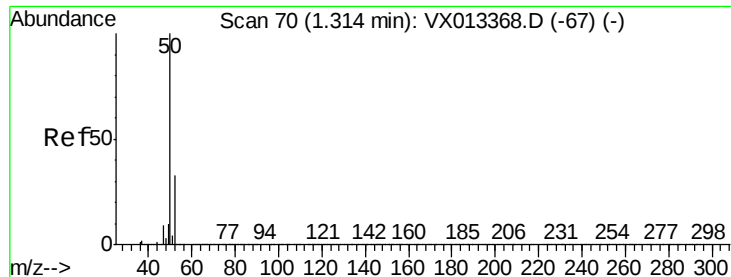
87 31.4 16.6 49.7



Abundance Ion 85.00 (84.70 to 85.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#3

Chloromethane

Concen: 18.819 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.01 min

Lab File: VX0137844.D

Acq: 07 Dec 2019 04:35 pm

Instrument :

MSVOA_X

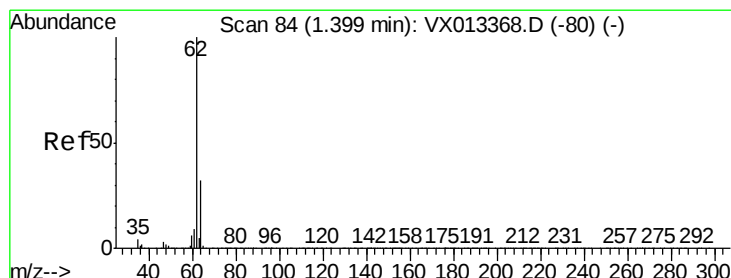
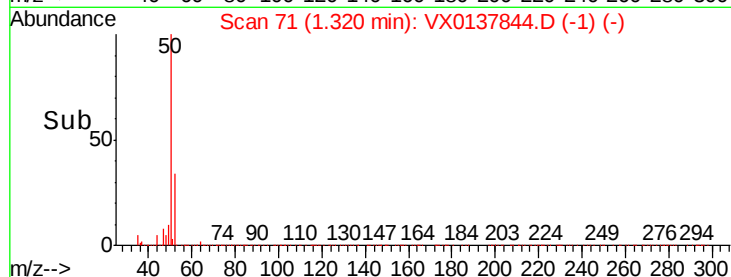
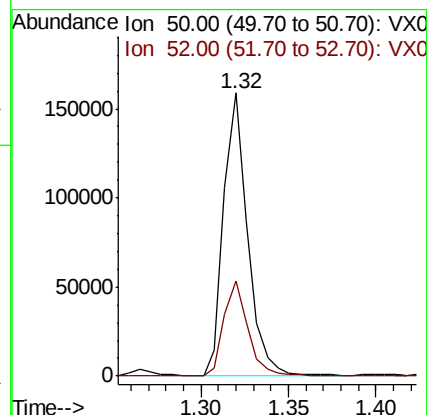
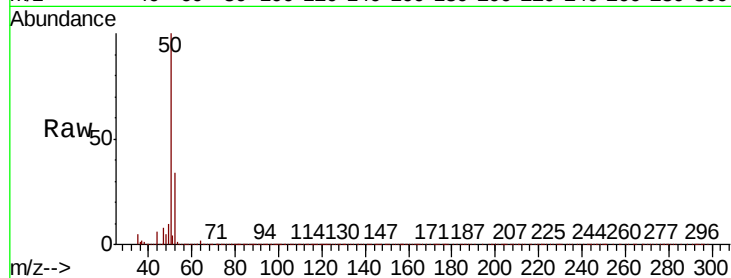
ClientSampleId :

Tot Ion: 50 Resp: 151346

Ion Ratio Lower Upper

50 100

52 33.7 26.6 40.0



#4

Vinyl Chloride

Concen: 19.154 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX0137844.D

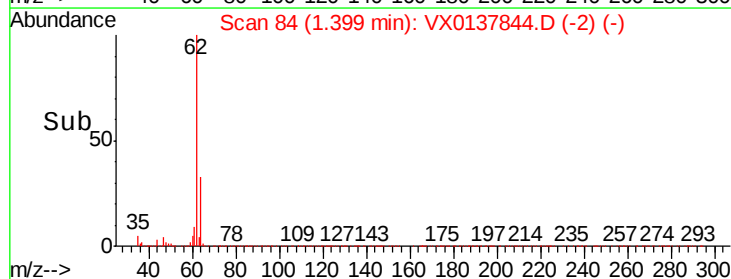
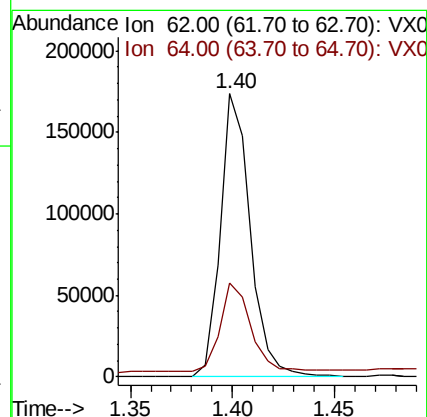
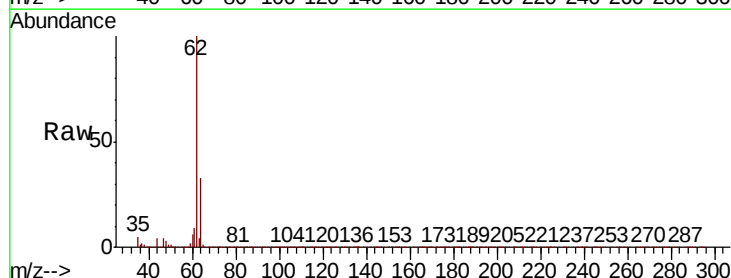
Acq: 07 Dec 2019 04:35 pm

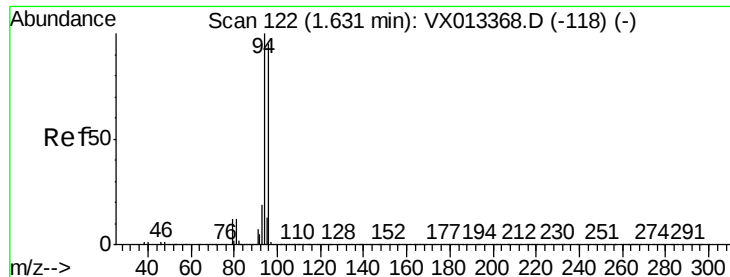
Tgt Ion: 62 Resp: 175031

Ion Ratio Lower Upper

62 100

64 31.3 25.4 38.2





#5

Bromomethane

Concen: 13.206 ug/l

RT: 1.63 min Scan# 122

Delta R.T. -0.00 min

Lab File: VX0137844.D

Acq: 07 Dec 2019 04:35 pm

Instrument :

MSVOA_X

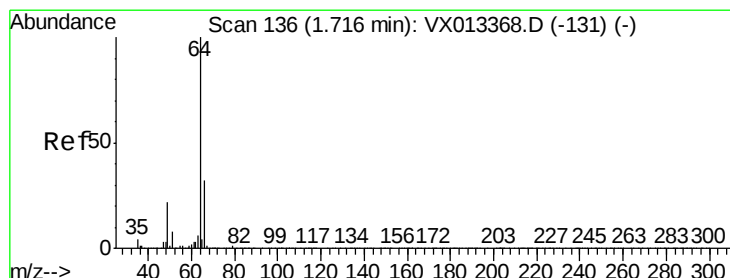
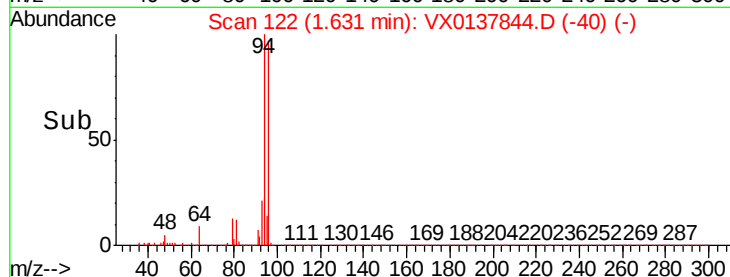
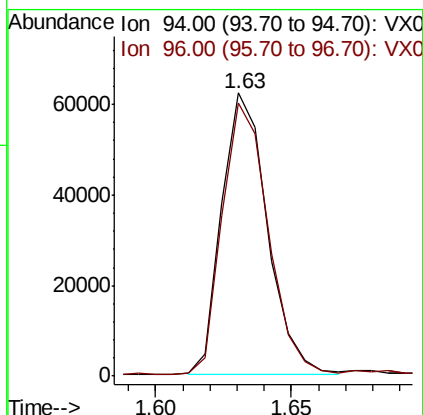
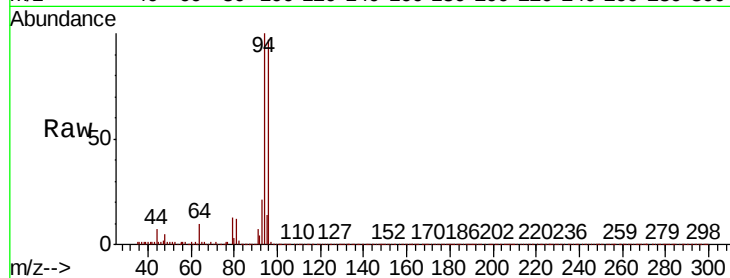
ClientSampleId :

Tot Ion: 94 Resp: 72549

Ion Ratio Lower Upper

94 100

96 96.4 75.7 113.5



#6

Chloroethane

Concen: 19.428 ug/l

RT: 1.72 min Scan# 136

Delta R.T. -0.00 min

Lab File: VX0137844.D

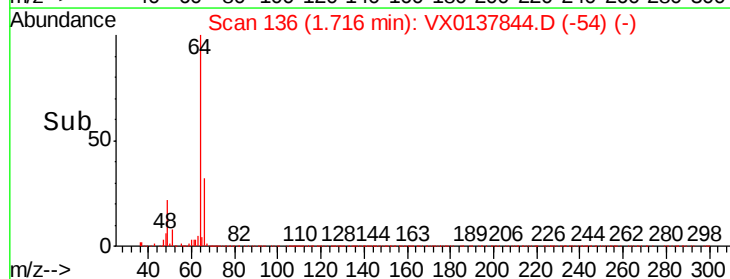
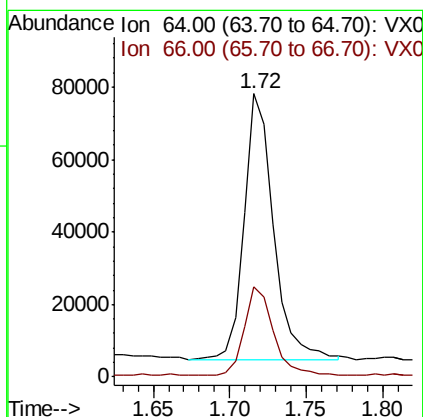
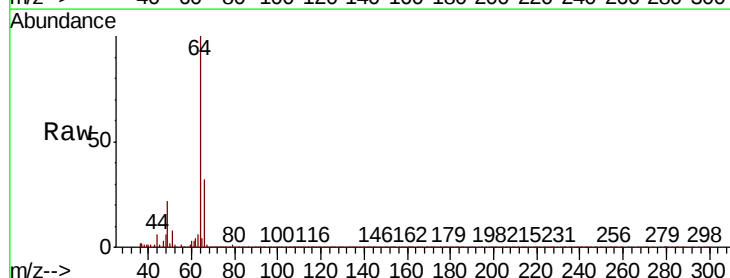
Acq: 07 Dec 2019 04:35 pm

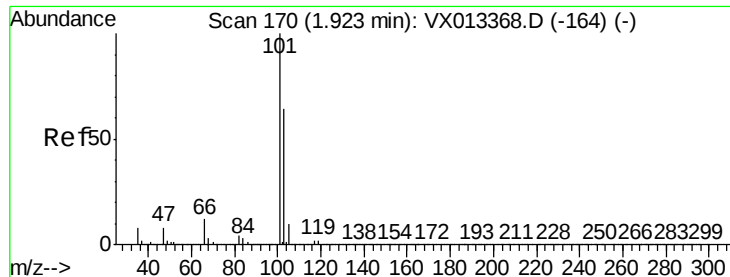
Tgt Ion: 64 Resp: 97589

Ion Ratio Lower Upper

64 100

66 33.4 25.5 38.3





#7

Trichlorofluoromethane

Concen: 18.834 ug/l

RT: 1.92 min Scan# 170

Delta R.T. -0.00 min

Lab File: VX0137844.D

Acq: 07 Dec 2019 04:35 pm

Instrument :

MSVOA_X

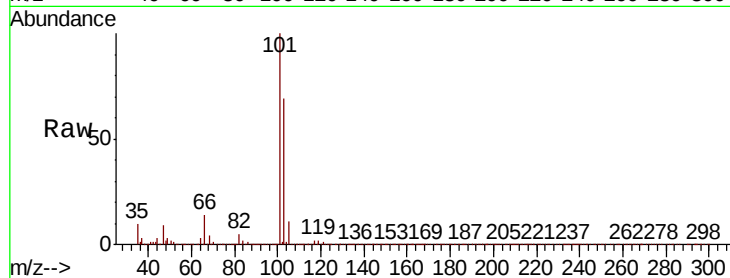
ClientSampleId :

Tot Ion:101 Resp: 185286

Ion Ratio Lower Upper

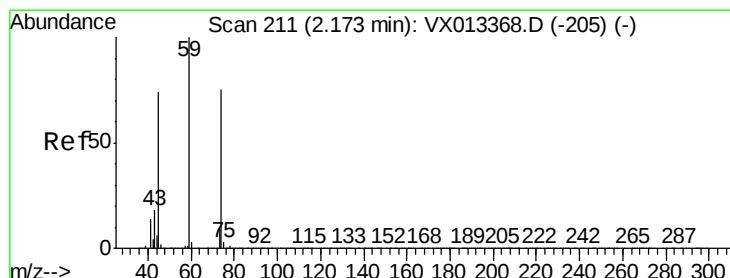
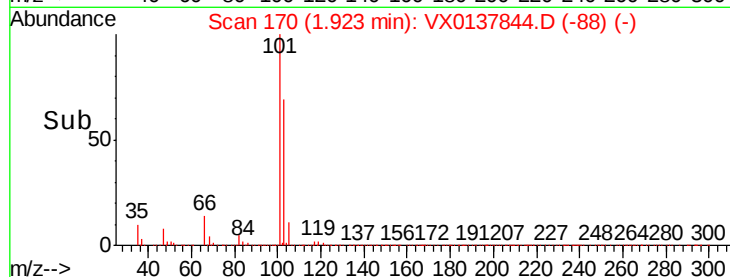
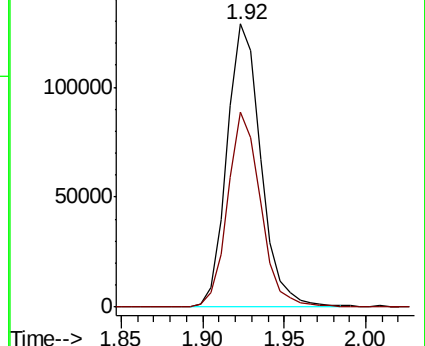
101 100

103 68.6 51.2 76.8



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



#8

Diethyl Ether

Concen: 19.547 ug/l

RT: 2.18 min Scan# 212

Delta R.T. 0.01 min

Lab File: VX0137844.D

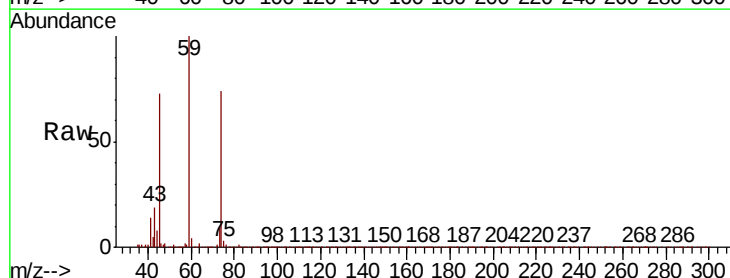
Acq: 07 Dec 2019 04:35 pm

Tgt Ion: 74 Resp: 87802

Ion Ratio Lower Upper

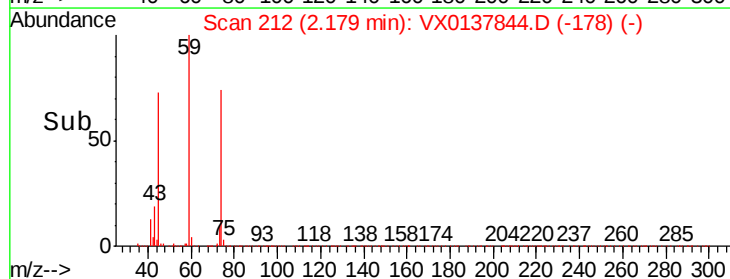
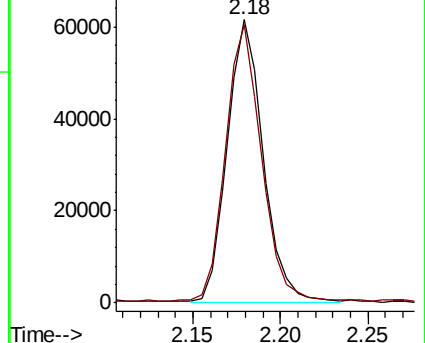
74 100

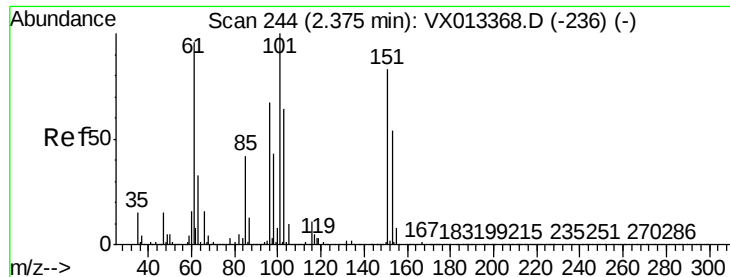
45 98.3 19.5 175.5



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: 19.996 ug/l

RT: 2.38 min Scan# 245

Delta R.T. 0.01 min

Lab File: VX0137844.D

Acq: 07 Dec 2019 04:35 pm

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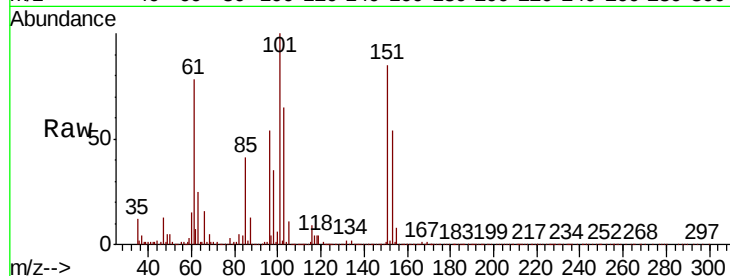
Tot Ion:101 Resp: 118355

Ion Ratio Lower Upper

101 100

85 40.8 0.0 83.2

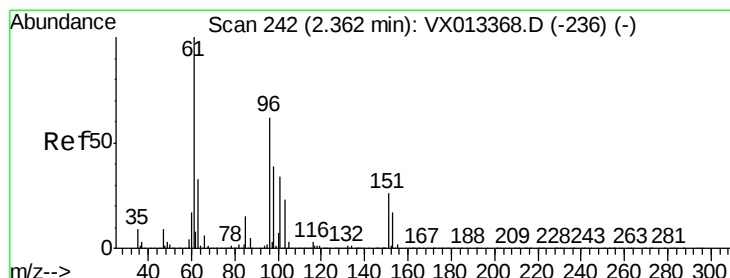
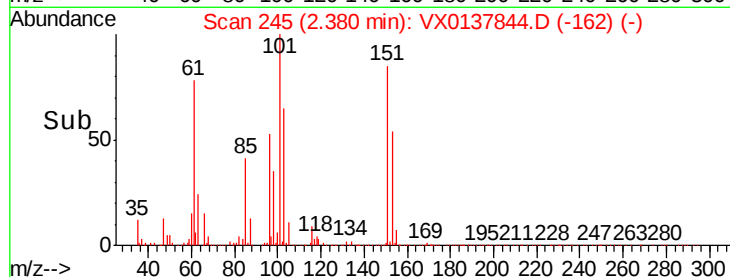
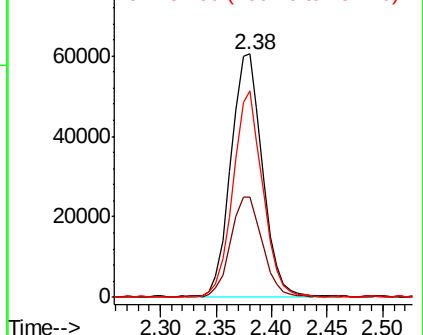
151 80.1 0.0 163.8



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VX0

Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 19.428 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.01 min

Lab File: VX0137844.D

Acq: 07 Dec 2019 04:35 pm

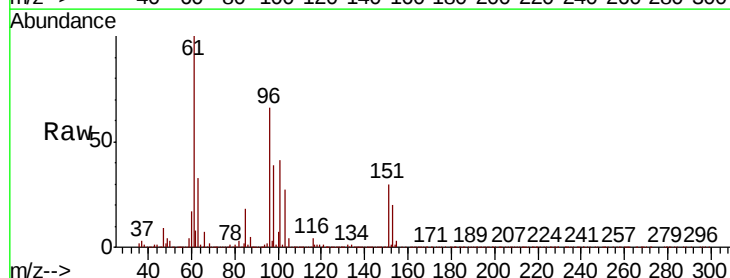
Tgt Ion: 96 Resp: 118170

Ion Ratio Lower Upper

96 100

61 152.3 128.9 193.3

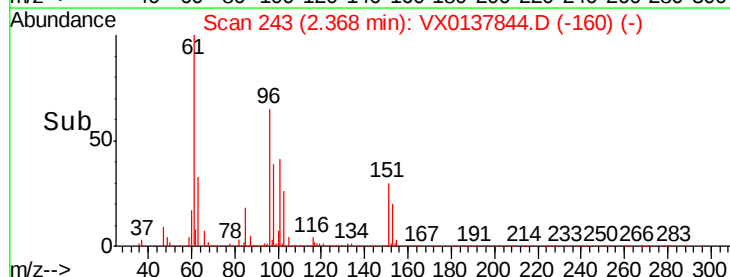
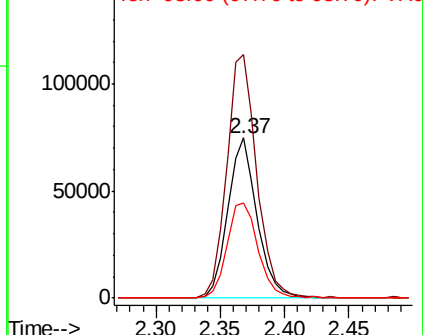
98 59.7 49.7 74.5

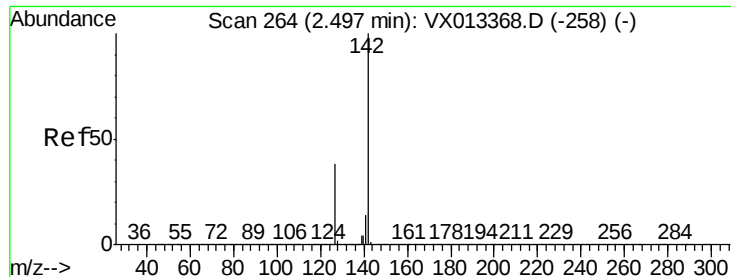


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

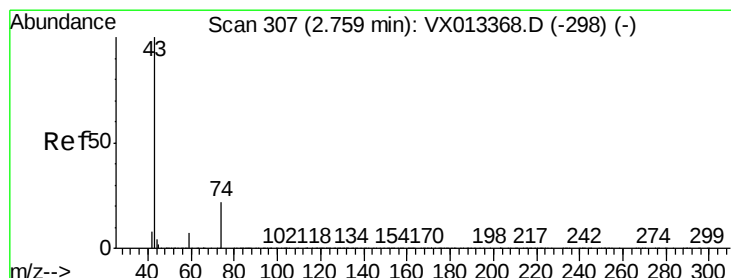
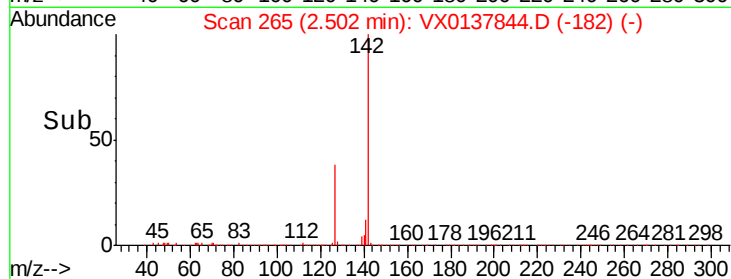
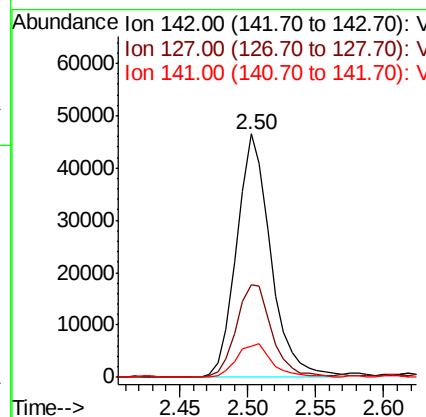
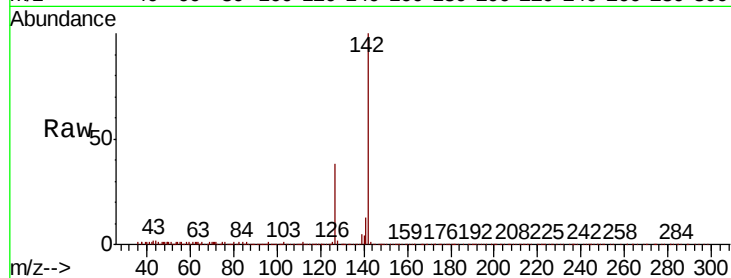




#11
Methyl Iodide
Concen: 10.732 ug/l
RT: 2.50 min Scan# 265
Delta R.T. 0.01 min
Lab File: VX0137844.D
Acq: 07 Dec 2019 04:35 pm

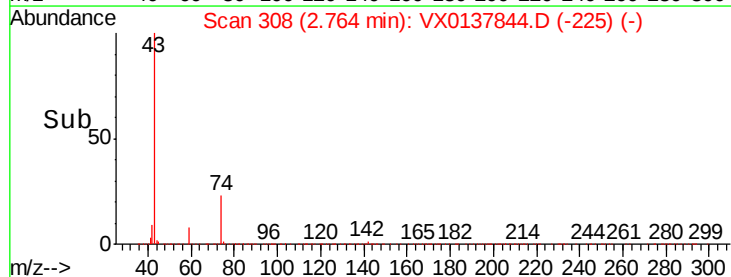
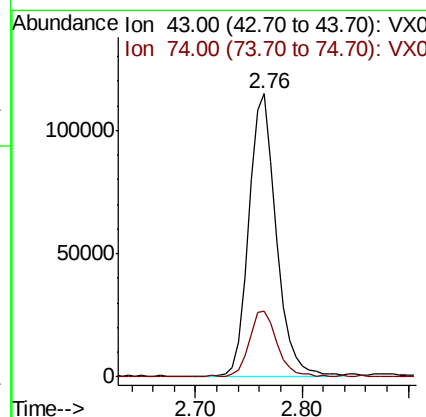
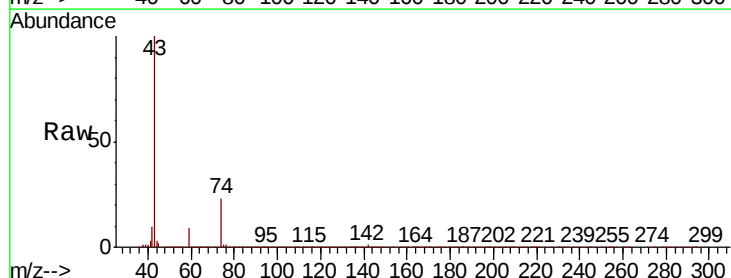
Instrument :
MSVOA_X
ClientSampleId :

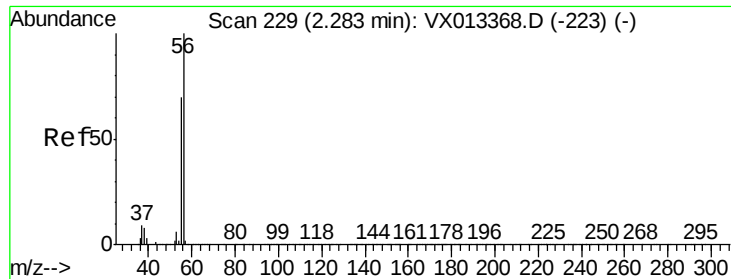
Tot Ion:142 Resp: 80599
Ion Ratio Lower Upper
142 100
127 37.7 19.1 57.5
141 12.6 7.0 21.0



#12
Methyl Acetate
Concen: 19.391 ug/l
RT: 2.76 min Scan# 308
Delta R.T. 0.01 min
Lab File: VX0137844.D
Acq: 07 Dec 2019 04:35 pm

Tgt Ion: 43 Resp: 206671
Ion Ratio Lower Upper
43 100
74 22.8 18.0 27.0

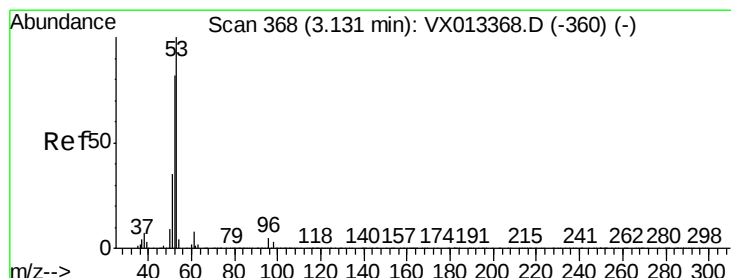
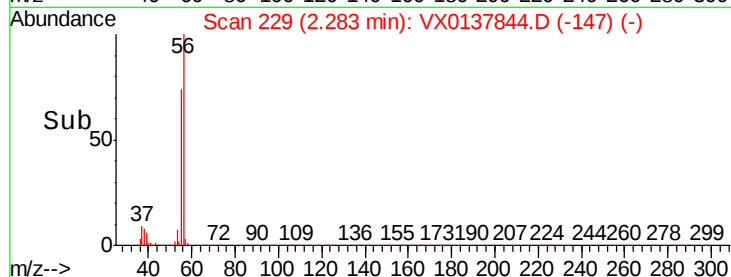
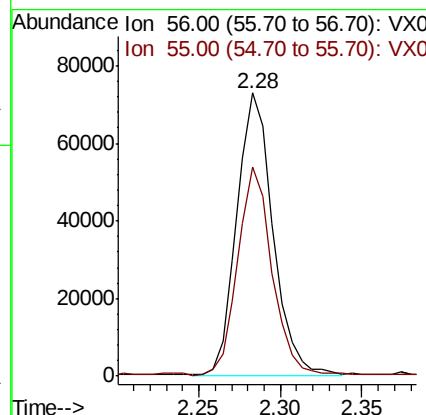
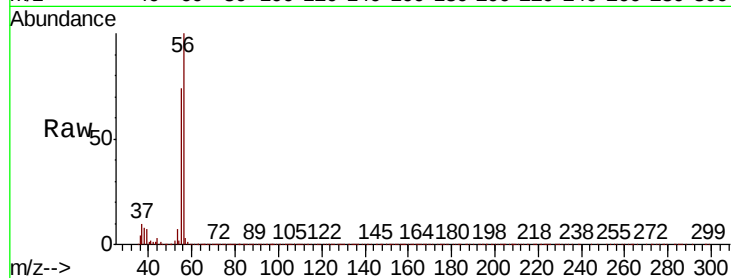




#13
Acrolein
Concen: 99.061 ug/l
RT: 2.28 min Scan# 229
Delta R.T. -0.00 min
Lab File: VX0137844.D
Acq: 07 Dec 2019 04:35 pm

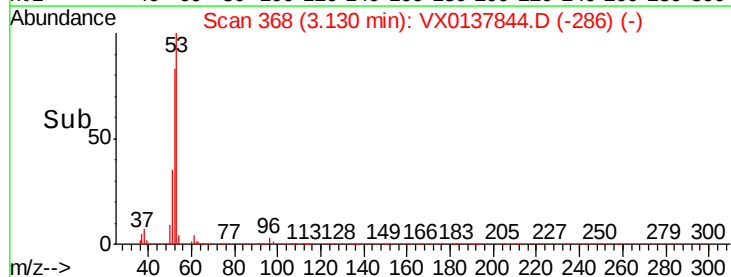
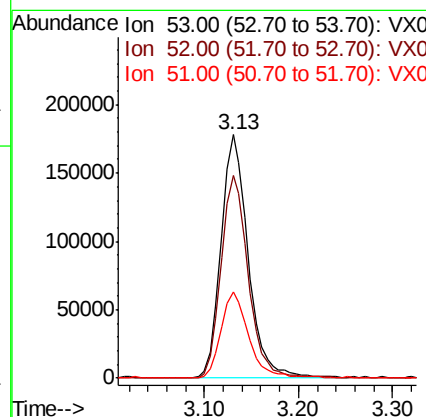
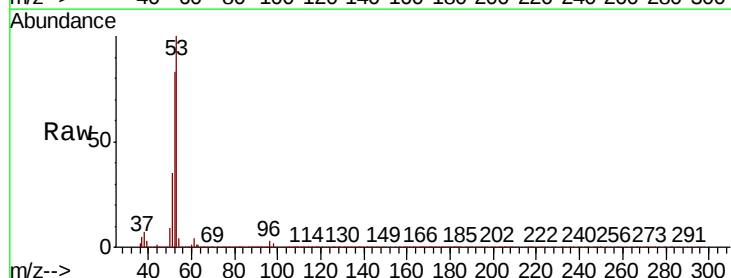
Instrument :
MSVOA_X
ClientSampleId :

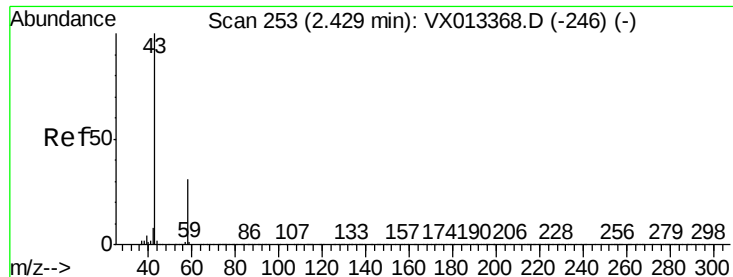
Tot Ion: 56 Resp: 112150
Ion Ratio Lower Upper
56 100
55 71.1 55.8 83.8



#14
Acrylonitrile
Concen: 90.810 ug/l
RT: 3.13 min Scan# 368
Delta R.T. -0.00 min
Lab File: VX0137844.D
Acq: 07 Dec 2019 04:35 pm

Tgt Ion: 53 Resp: 355908
Ion Ratio Lower Upper
53 100
52 83.4 41.0 123.0
51 35.7 17.3 51.9





#15

Acetone

Concen: 78.955 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.00 min

Lab File: VX0137844.D

Acq: 07 Dec 2019 04:35 pm

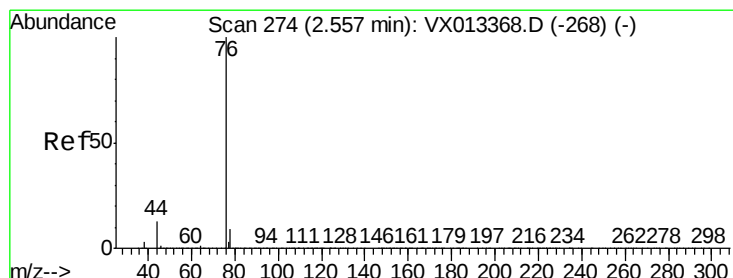
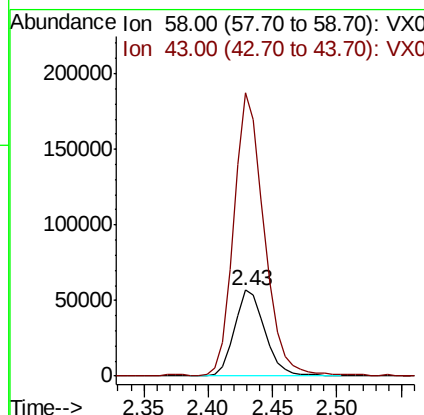
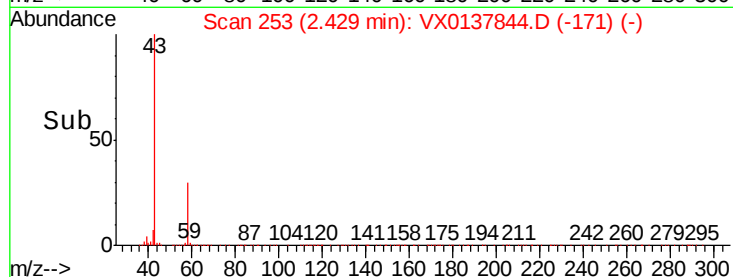
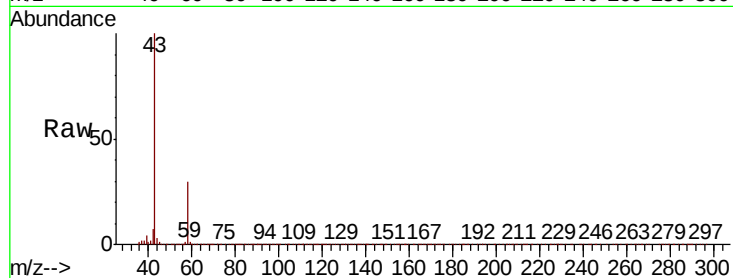
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 58 Resp: 93721

Ion Ratio Lower Upper

58 100

43 330.5 261.4 392.2



#16

Carbon Disulfide

Concen: 17.921 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.01 min

Lab File: VX0137844.D

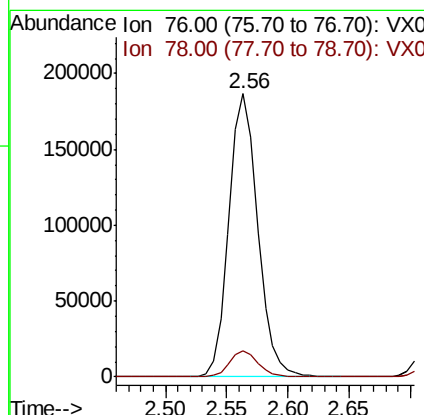
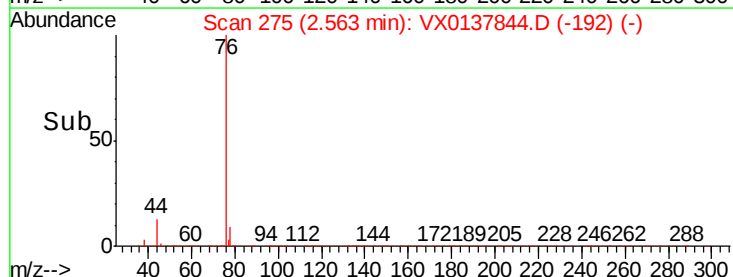
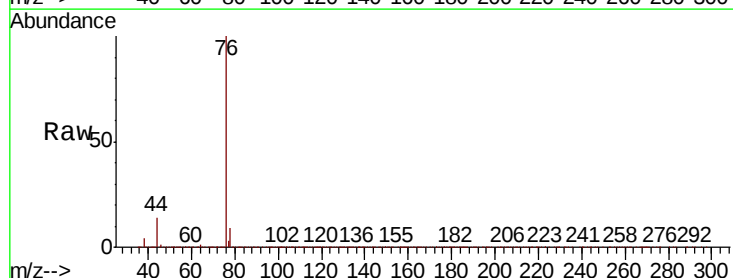
Acq: 07 Dec 2019 04:35 pm

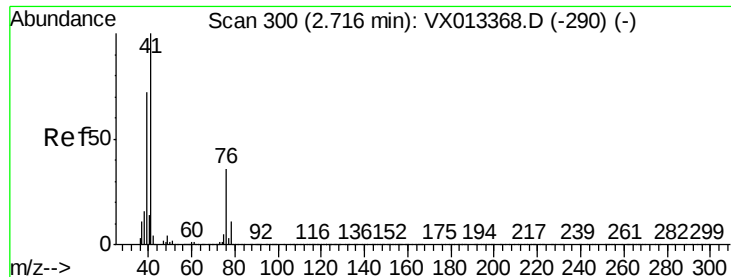
Tgt Ion: 76 Resp: 304029

Ion Ratio Lower Upper

76 100

78 9.3 7.4 11.0

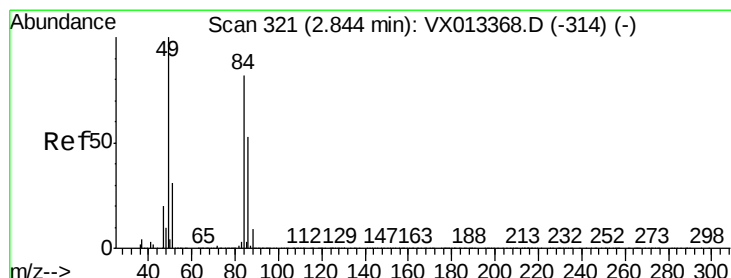
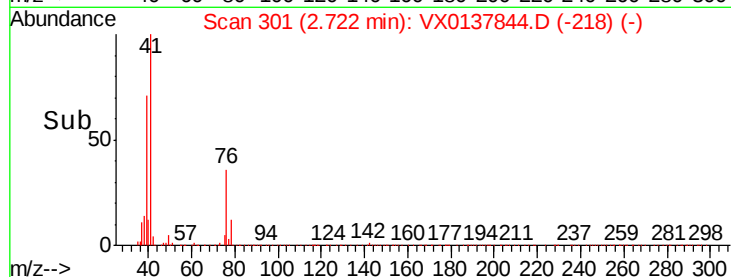
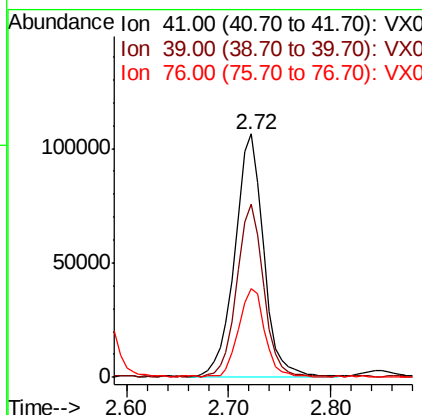
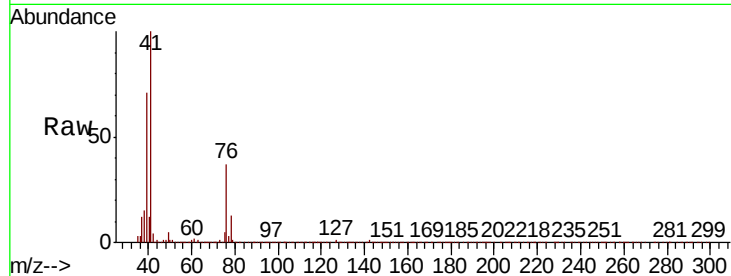




#17
Allvl chloride
Concen: 18.396 ug/l
RT: 2.72 min Scan# 301
Delta R.T. 0.01 min
Lab File: VX0137844.D
Acq: 07 Dec 2019 04:35 pm

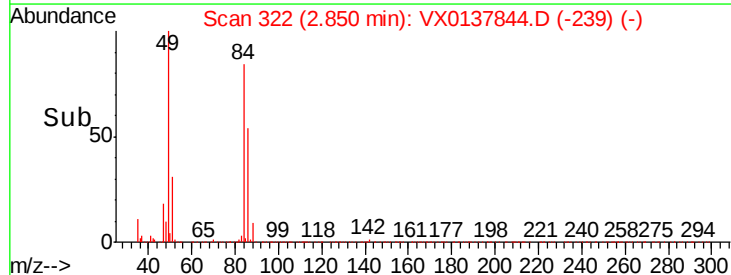
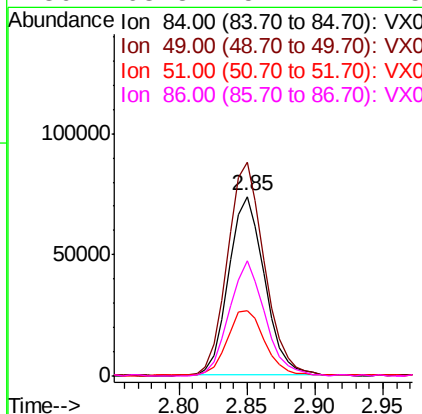
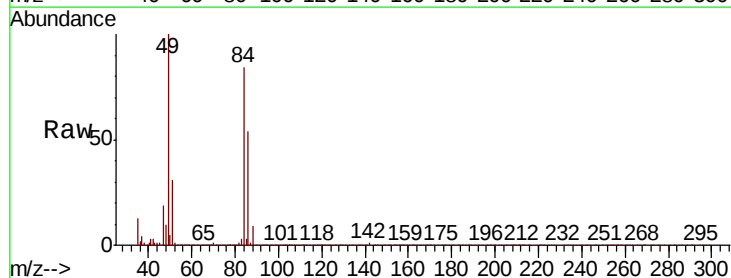
Instrument :
MSVOA_X
ClientSampleId :

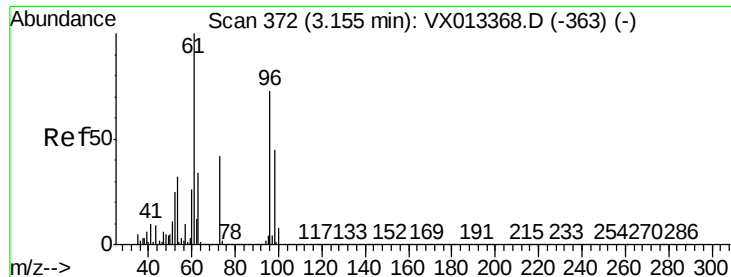
Tot Ion: 41 Resp: 206058
Ion Ratio Lower Upper
41 100
39 71.3 36.1 108.3
76 36.1 18.1 54.4



#18
Methylene Chloride
Concen: 19.738 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.01 min
Lab File: VX0137844.D
Acq: 07 Dec 2019 04:35 pm

Tgt Ion: 84 Resp: 136214
Ion Ratio Lower Upper
84 100
49 118.8 96.8 145.2
51 36.0 30.0 45.0
86 63.8 51.7 77.5

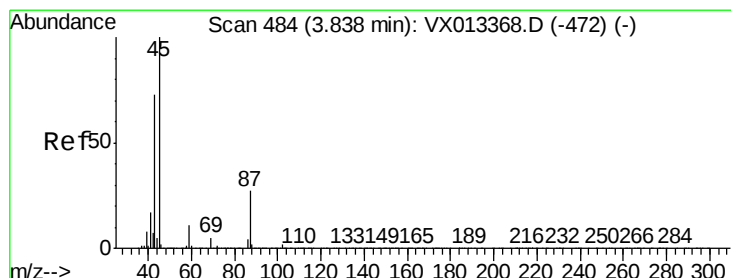
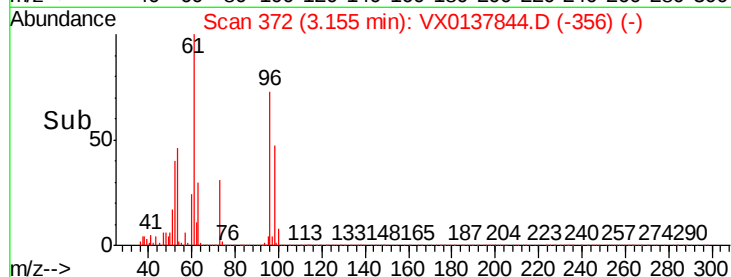
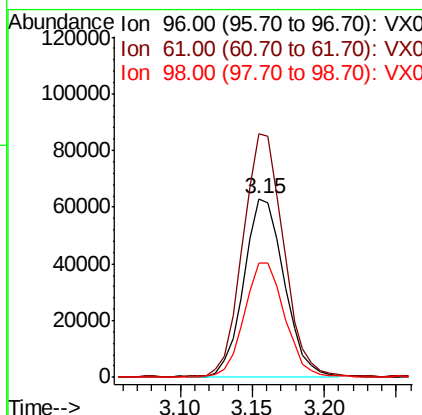
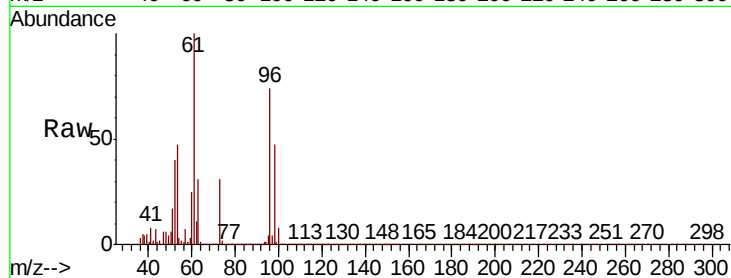




#19
trans-1,2-Dichloroethene
Concen: 18.809 ug/l
RT: 3.15 min Scan# 372
Delta R.T. -0.00 min
Lab File: VX0137844.D
Acq: 07 Dec 2019 04:35 pm

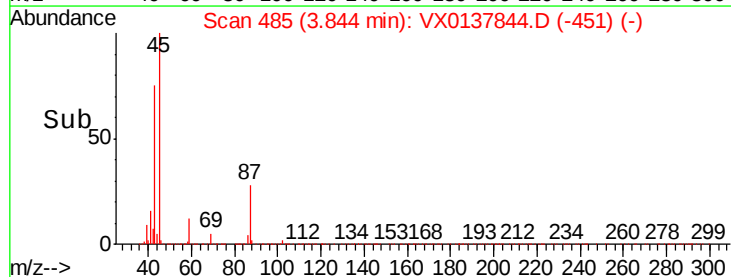
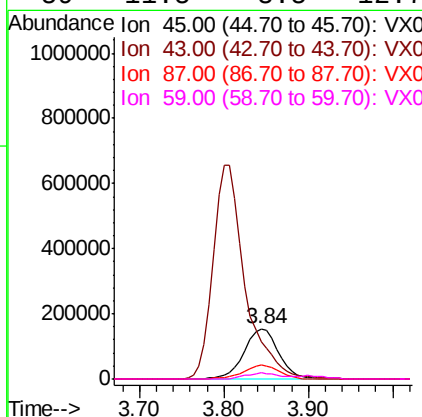
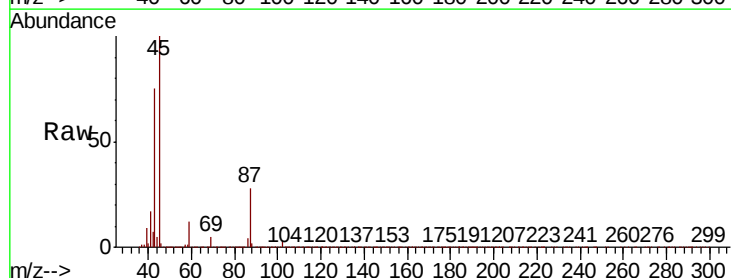
Instrument :
MSVOA_X
ClientSampleId :

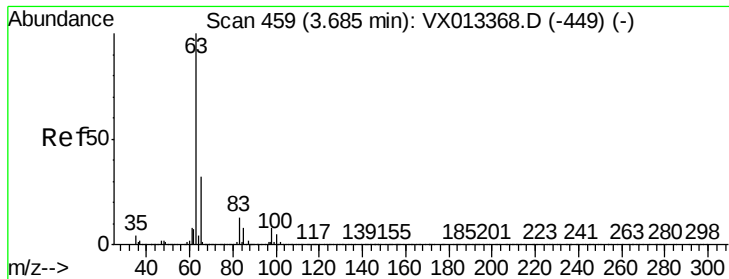
Tot Ion	Ratio	Lower	Upper
96	100		
61	135.6	109.9	164.9
98	64.0	49.7	74.5



#20
Diisopropyl ether
Concen: 19.826 ug/l
RT: 3.84 min Scan# 485
Delta R.T. 0.01 min
Lab File: VX0137844.D
Acq: 07 Dec 2019 04:35 pm

Tgt Ion	Ratio	Lower	Upper
45	100		
43	73.6	67.7	101.5
87	27.6	21.5	32.3
59	11.5	8.5	12.7





#21

1,1-Dichloroethane

Concen: 19.646 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.00 min

Lab File: VX0137844.D

Acq: 07 Dec 2019 04:35 pm

Instrument :

MSVOA_X

ClientSampleId :

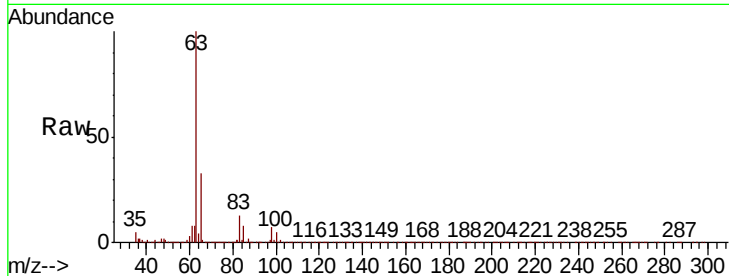
Tot Ion: 63 Resp: 230598

Ion Ratio Lower Upper

63 100

98 6.9 4.0 11.9

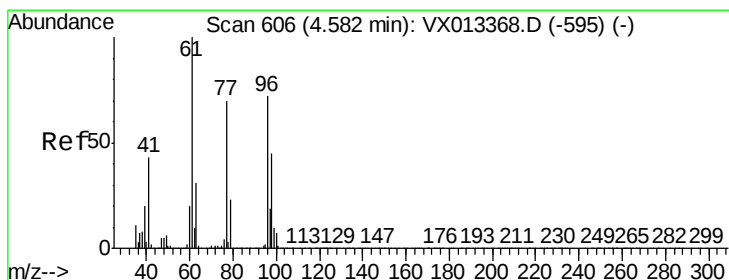
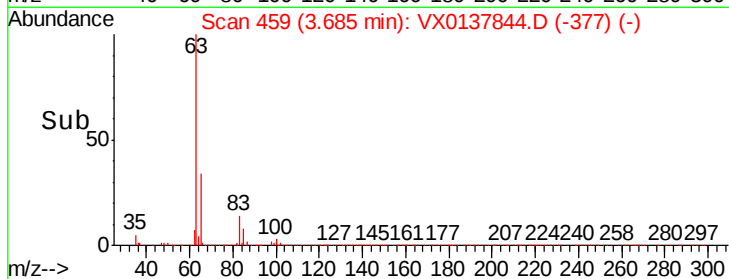
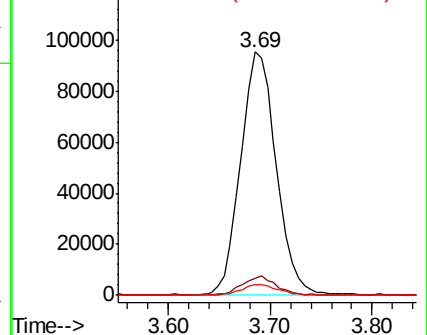
100 4.4 2.5 7.5



Abundance Ion 63.00 (62.70 to 63.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0



#22

cis-1,2-Dichloroethene

Concen: 19.429 ug/l

RT: 4.59 min Scan# 607

Delta R.T. 0.01 min

Lab File: VX0137844.D

Acq: 07 Dec 2019 04:35 pm

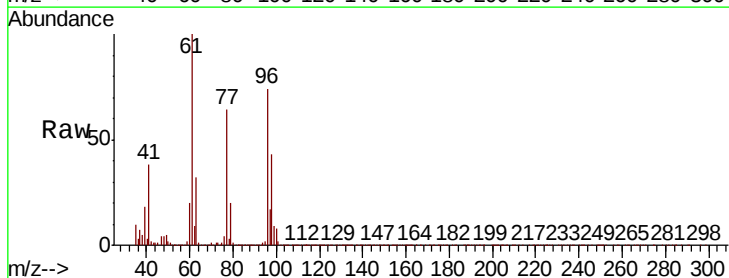
Tgt Ion: 96 Resp: 143997

Ion Ratio Lower Upper

96 100

61 145.5 117.0 175.6

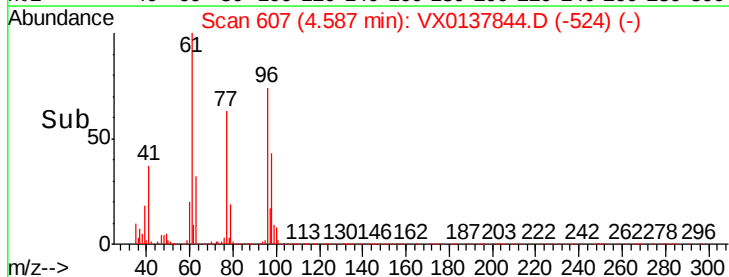
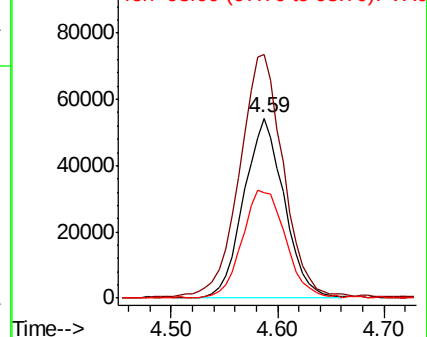
98 63.8 51.1 76.7

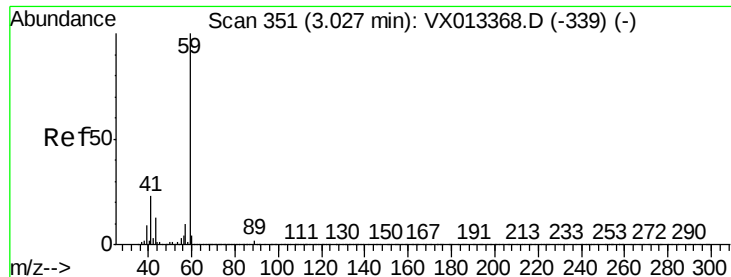


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#23

tert-Butyl Alcohol

Concen: 70.590 ug/l

RT: 3.03 min Scan# 351

Delta R.T. -0.00 min

Lab File: VX0137844.D

Acq: 07 Dec 2019 04:35 pm

Instrument :

MSVOA_X

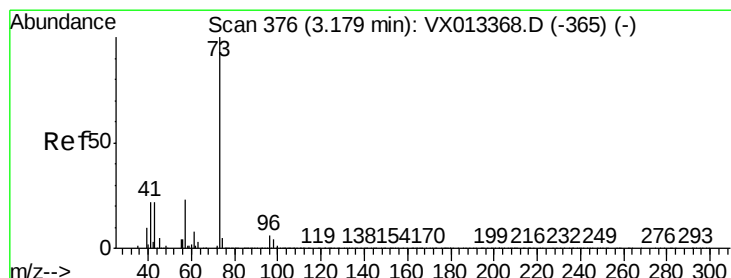
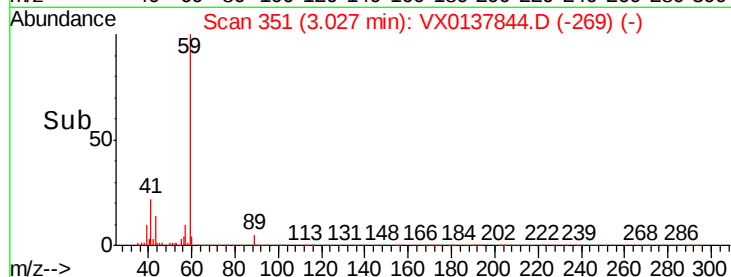
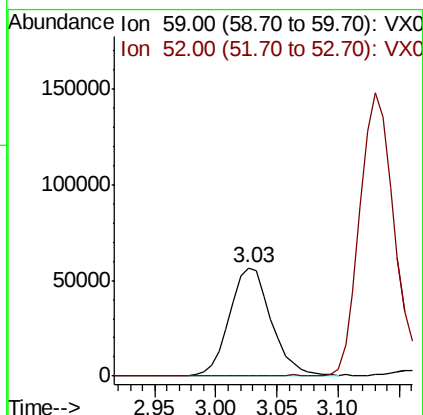
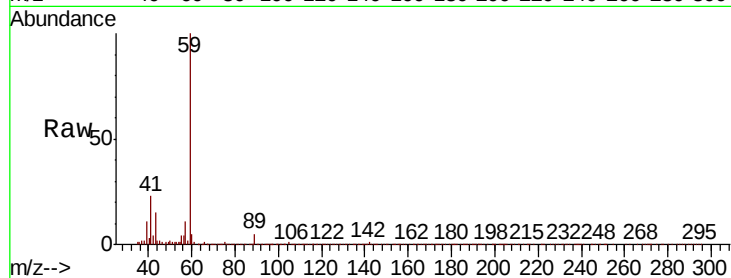
ClientSampleId :

Tot Ion: 59 Resp: 133142

Ion Ratio Lower Upper

59 100

52 0.1 0.1 0.1



#24

Methyl tert-Butyl Ether

Concen: 19.348 ug/l

RT: 3.19 min Scan# 377

Delta R.T. 0.01 min

Lab File: VX0137844.D

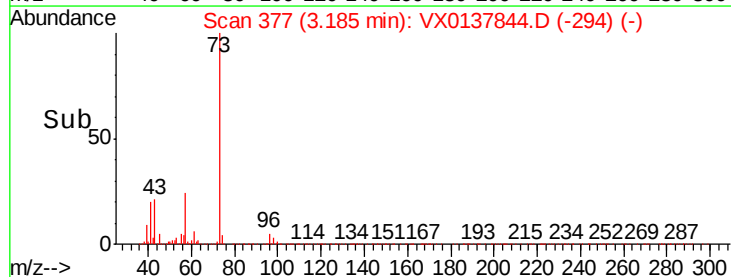
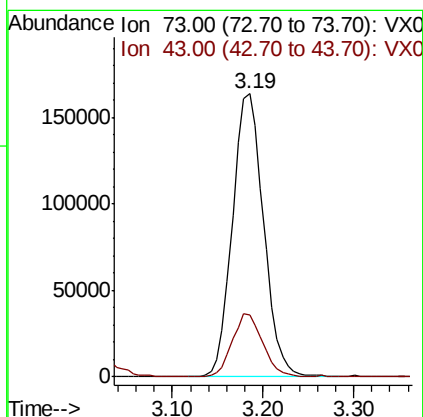
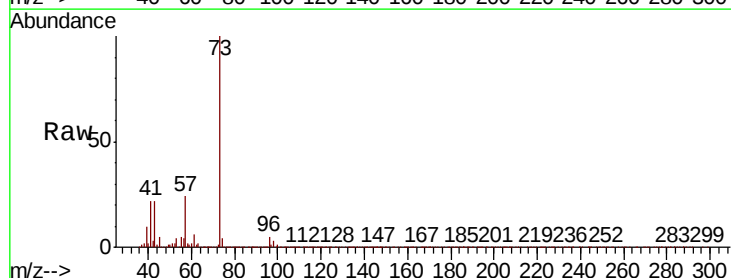
Acq: 07 Dec 2019 04:35 pm

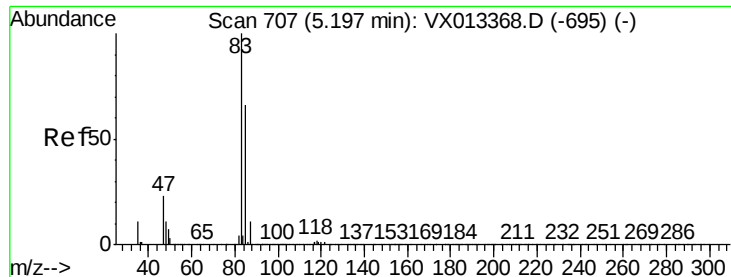
Tgt Ion: 73 Resp: 389488

Ion Ratio Lower Upper

73 100

43 21.4 17.0 25.6





#25

Chloroform

Concen: 19.536 ug/l

RT: 5.20 min Scan# 708

Delta R.T. 0.01 min

Lab File: VX0137844.D

Acq: 07 Dec 2019 04:35 pm

Instrument :

MSVOA_X

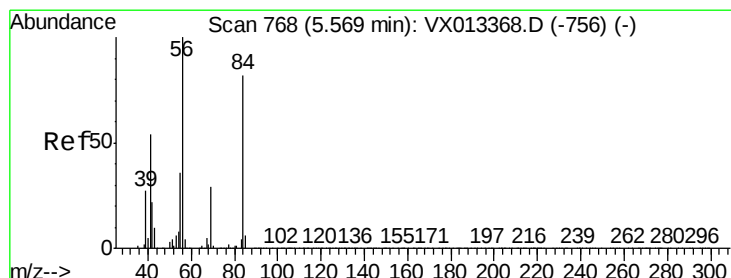
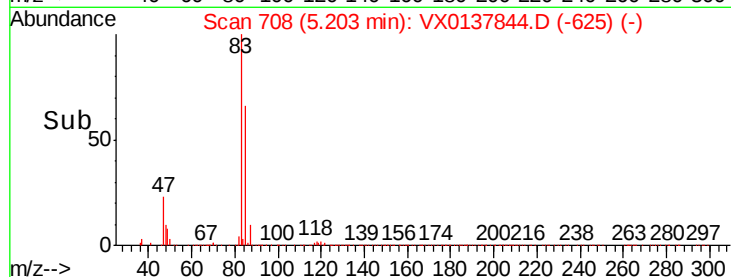
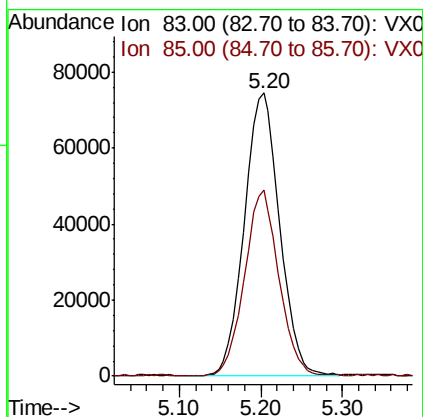
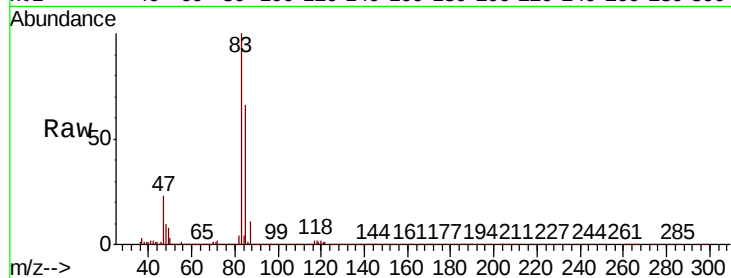
ClientSampleId :

Tot Ion: 83 Resp: 224451

Ion Ratio Lower Upper

83 100

85 65.7 52.4 78.6



#26

Cyclohexane

Concen: 19.198 ug/l

RT: 5.57 min Scan# 769

Delta R.T. 0.01 min

Lab File: VX0137844.D

Acq: 07 Dec 2019 04:35 pm

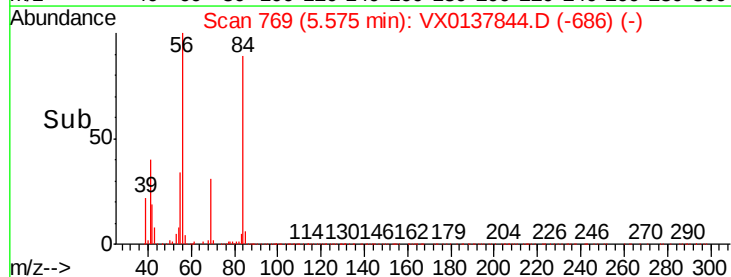
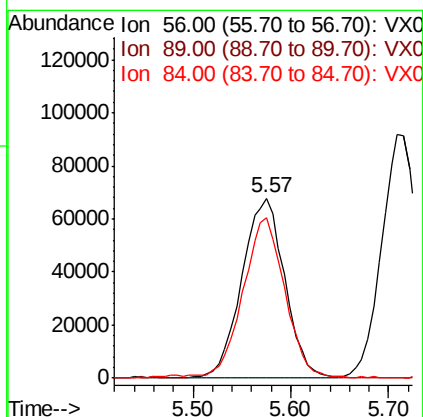
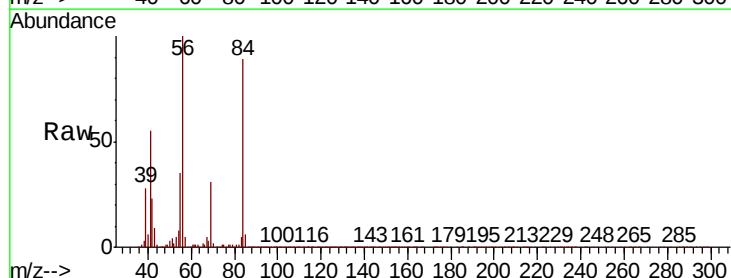
Tgt Ion: 56 Resp: 204632

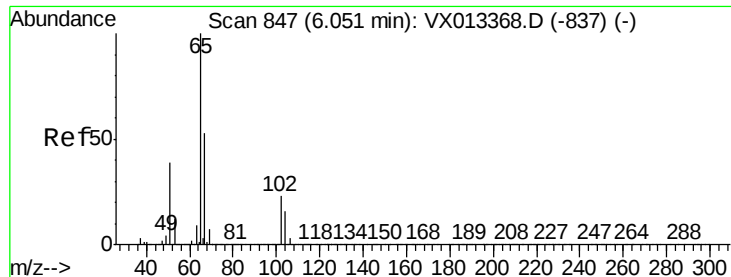
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0#

84 86.7 70.5 105.7





#27

1,2-Dichloroethane-d4

Concen: 28.590 ug/l

RT: 6.06 min Scan# 848

Delta R.T. 0.01 min

Lab File: VX0137844.D

Acq: 07 Dec 2019 04:35 pm

Instrument :

MSVOA_X

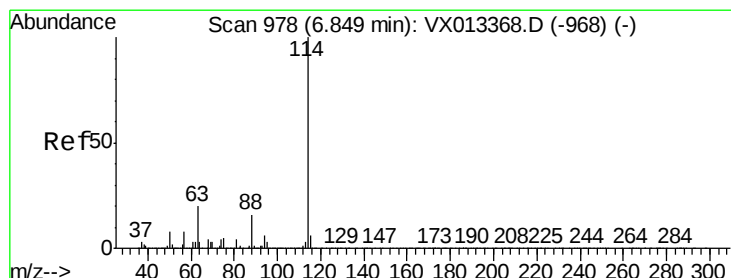
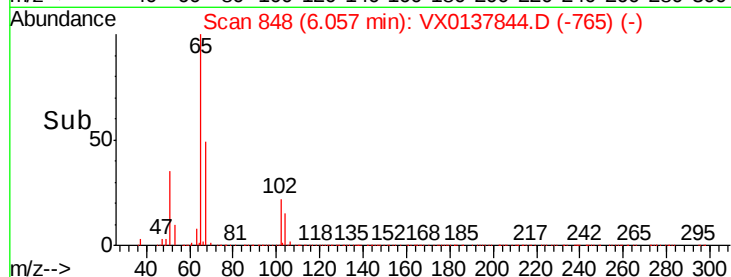
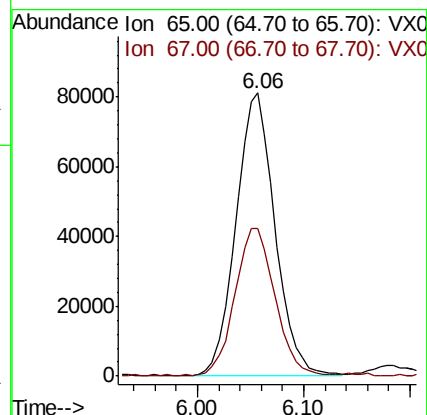
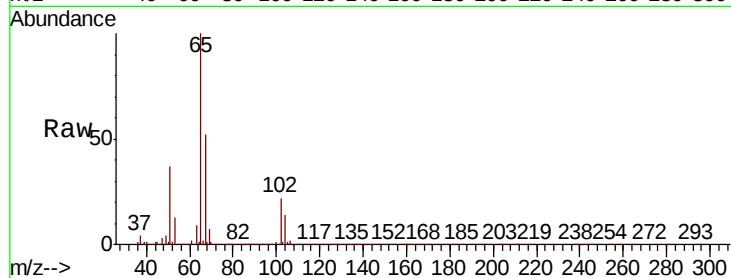
ClientSampleId :

Tot Ion: 65 Resp: 207919

Ion Ratio Lower Upper

65 100

67 53.5 41.0 61.6



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX0137844.D

Acq: 07 Dec 2019 04:35 pm

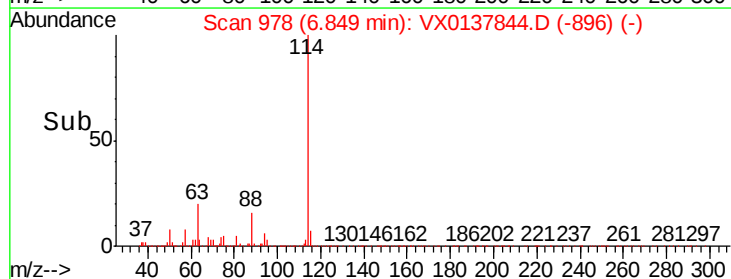
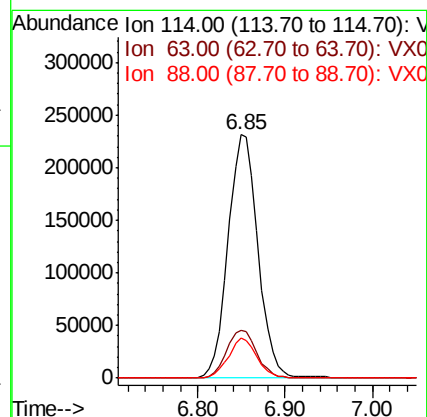
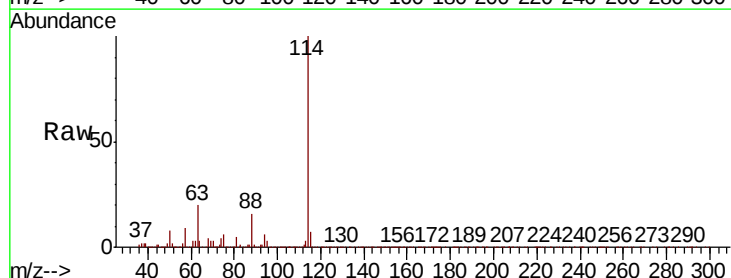
Tgt Ion: 114 Resp: 547153

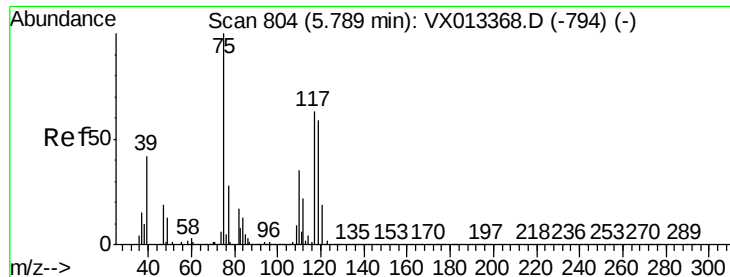
Ion Ratio Lower Upper

114 100

63 20.0 16.1 24.1

88 15.7 12.3 18.5

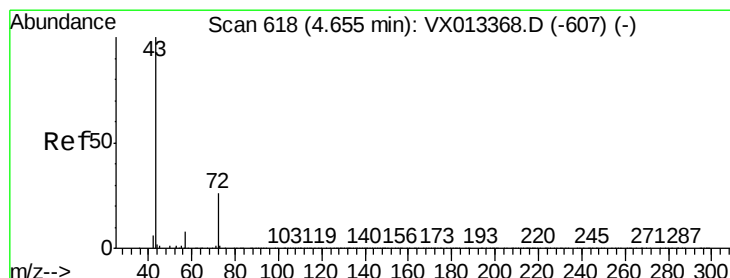
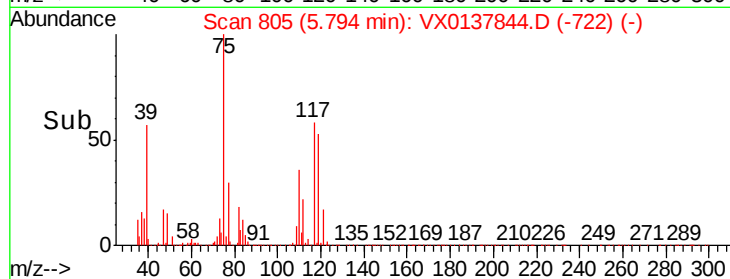
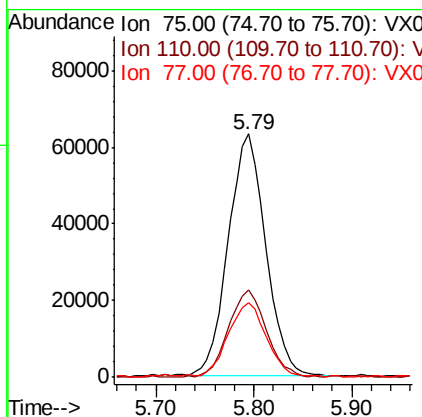
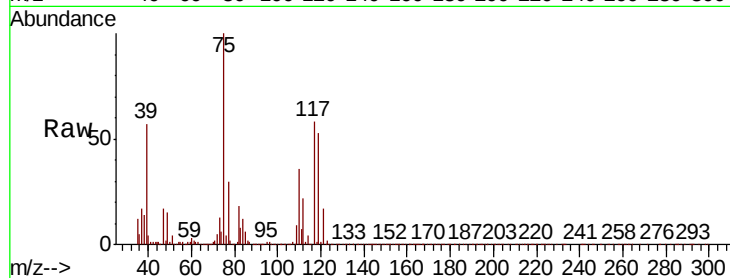




#29
 1,1-Dichloropropene
 Concen: 20.031 ug/l
 RT: 5.79 min Scan# 805
 Delta R.T. 0.01 min
 Lab File: VX0137844.D
 Acq: 07 Dec 2019 04:35 pm

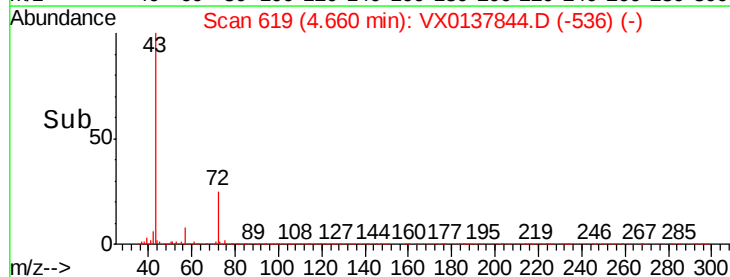
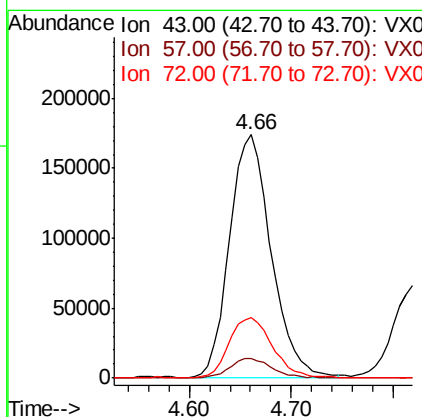
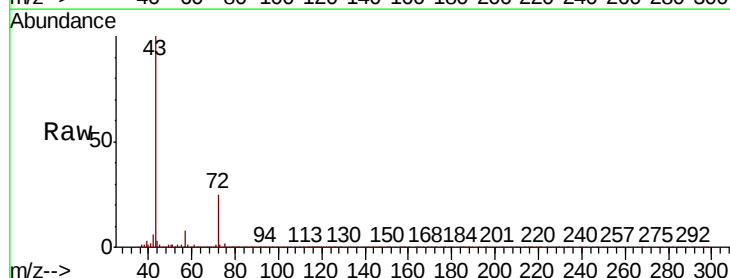
Instrument :
 MSVOA_X
 ClientSampleId :

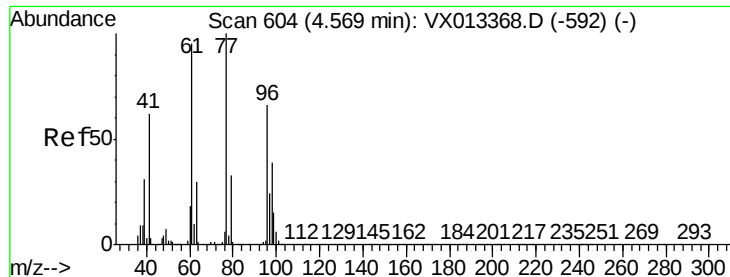
Tot Ion	Ratio	Lower	Upper
75	100		
110	36.5	0.0	74.6
77	31.3	0.0	62.6



#30
 2-Butanone
 Concen: 88.730 ug/l
 RT: 4.66 min Scan# 619
 Delta R.T. 0.01 min
 Lab File: VX0137844.D
 Acq: 07 Dec 2019 04:35 pm

Tgt Ion	Ratio	Lower	Upper
43	100		
57	7.8	6.1	9.1
72	25.2	20.5	30.7





#31

2,2-Dichloropropane

Concen: 19.815 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.00 min

Lab File: VX0137844.D

Acq: 07 Dec 2019 04:35 pm

Instrument :

MSVOA_X

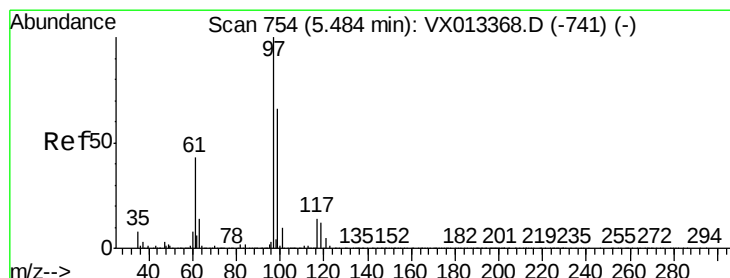
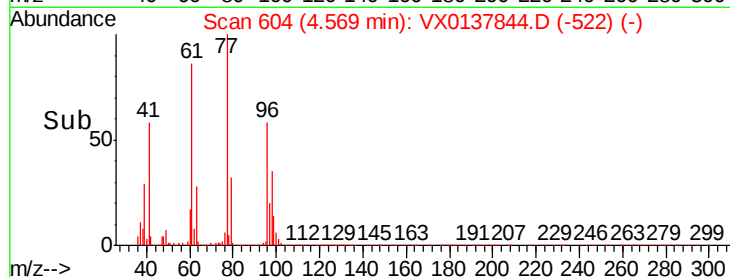
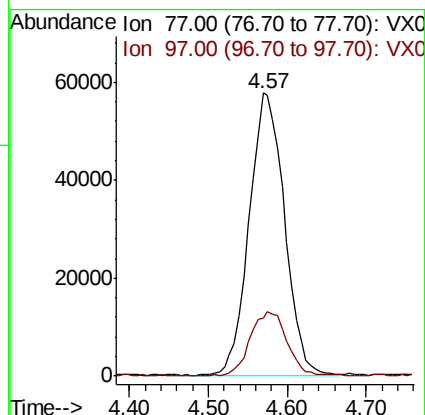
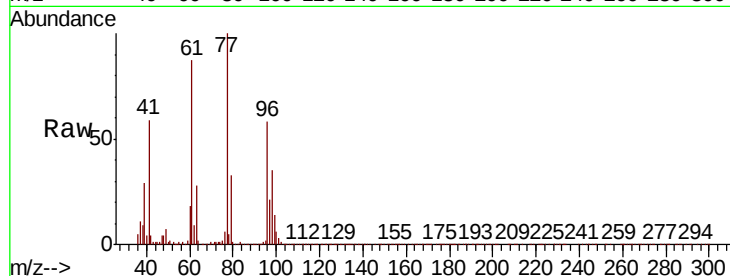
ClientSampleId :

Tot Ion: 77 Resp: 179342

Ion Ratio Lower Upper

77 100

97 23.4 19.2 28.8



#32

1,1,1-Trichloroethane

Concen: 20.070 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.00 min

Lab File: VX0137844.D

Acq: 07 Dec 2019 04:35 pm

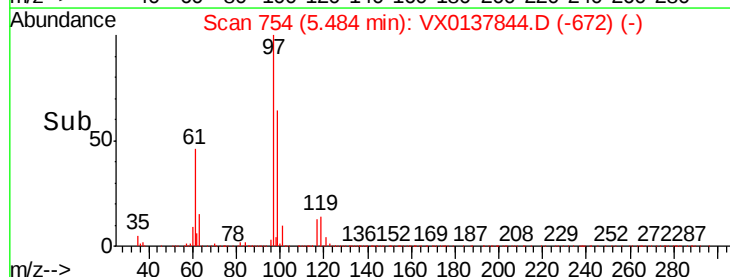
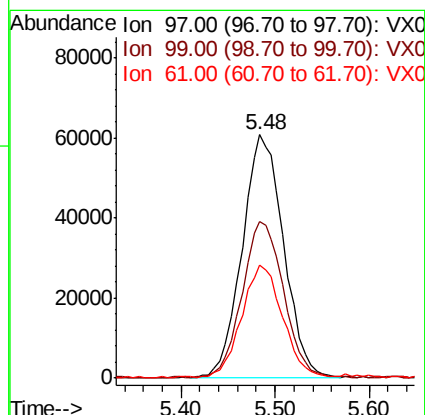
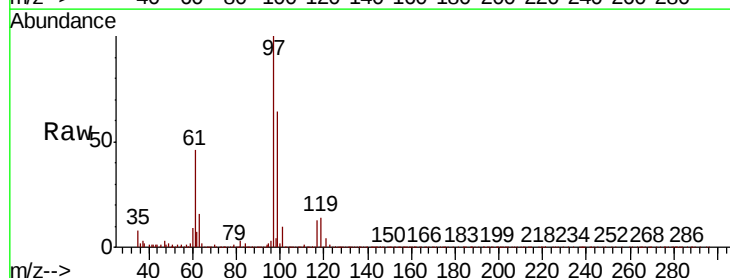
Tgt Ion: 97 Resp: 186426

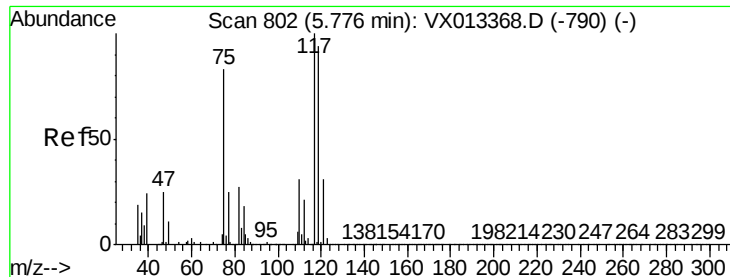
Ion Ratio Lower Upper

97 100

99 64.2 52.5 78.7

61 45.6 36.1 54.1





#33

Carbon Tetrachloride

Concen: 19.586 ug/l

RT: 5.78 min Scan# 802

Delta R.T. -0.00 min

Lab File: VX0137844.D

Acq: 07 Dec 2019 04:35 pm

Instrument :

MSVOA_X

ClientSampleId :

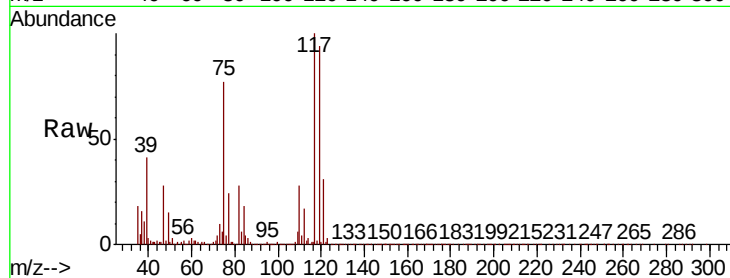
Tot Ion:117 Resp: 158028

Ion Ratio Lower Upper

117 100

119 94.2 75.0 112.6

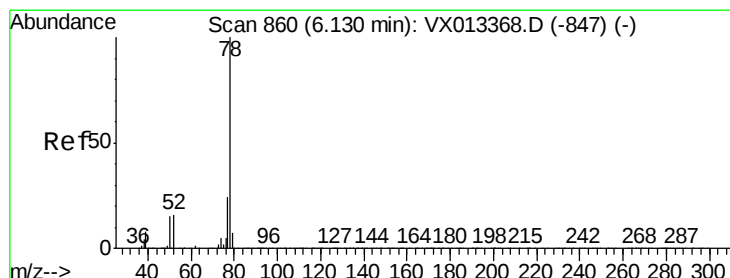
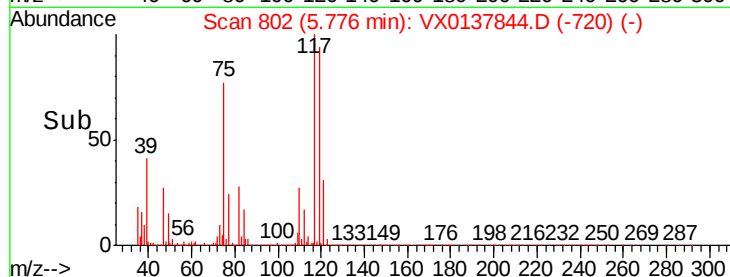
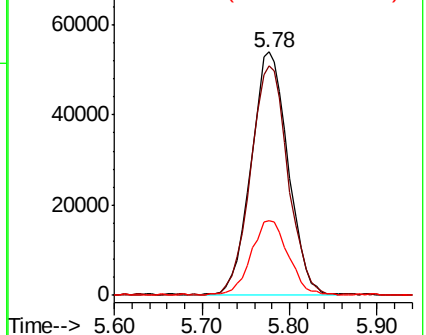
121 30.5 24.9 37.3



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

Ion 121.00 (120.70 to 121.70): V



#34

Benzene

Concen: 20.678 ug/l

RT: 6.14 min Scan# 861

Delta R.T. 0.01 min

Lab File: VX0137844.D

Acq: 07 Dec 2019 04:35 pm

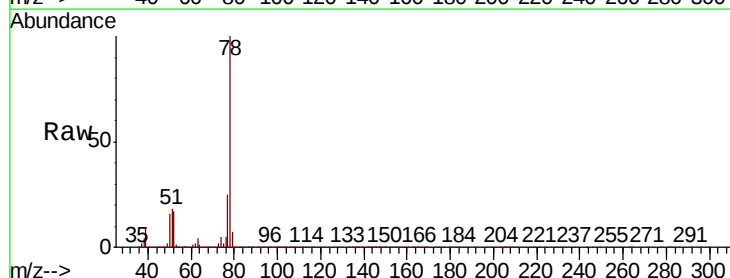
Tgt Ion: 78 Resp: 524173

Ion Ratio Lower Upper

78 100

77 24.6 19.3 28.9

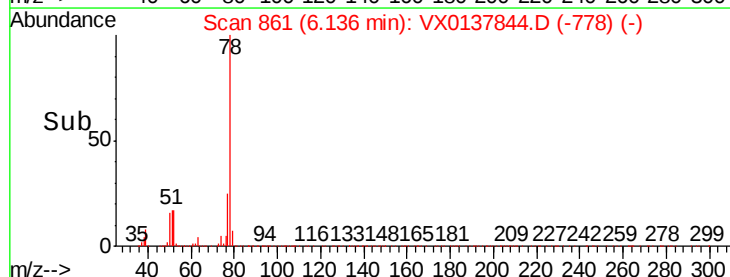
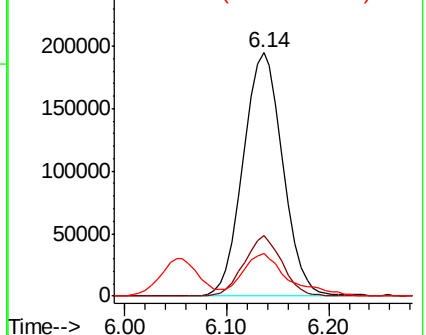
51 16.0 12.2 18.4

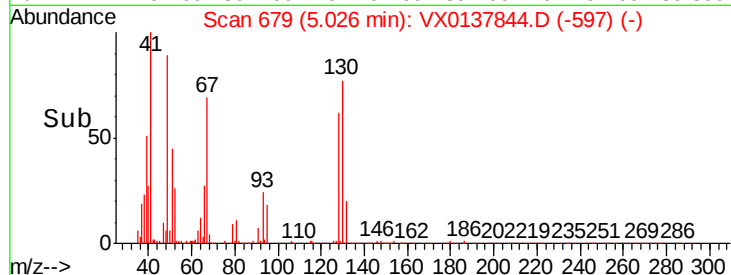
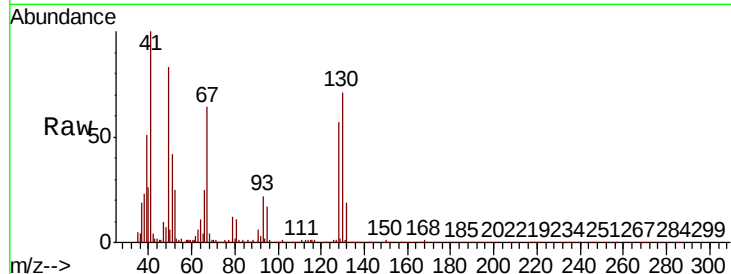
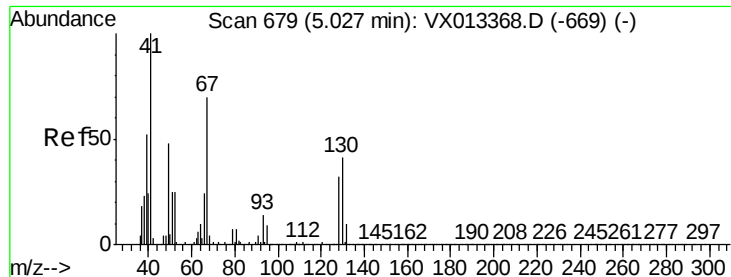


Abundance Ion 78.10 (77.80 to 78.80): VX0

Ion 77.00 (76.70 to 77.70): VX0

Ion 51.00 (50.70 to 51.70): VX0

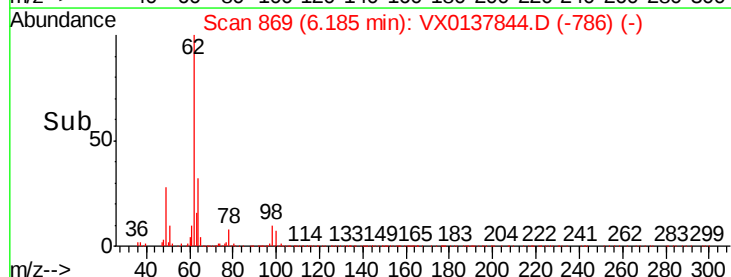
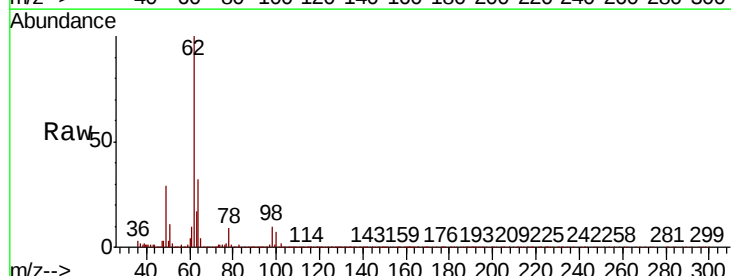
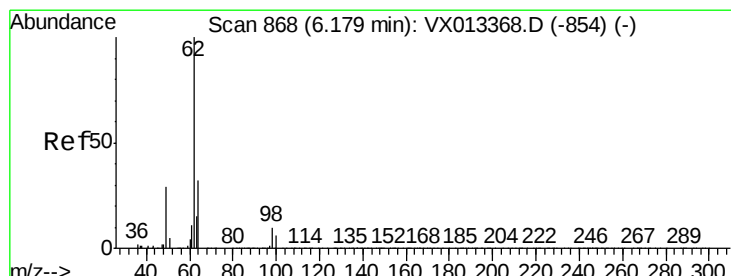
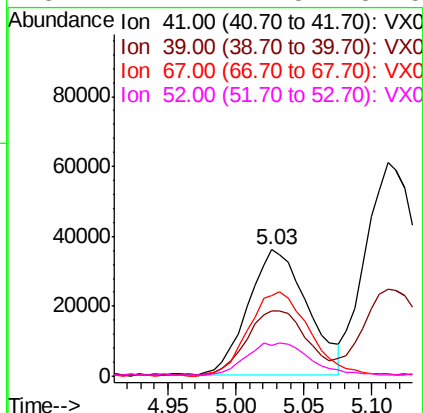




#35
Methacrylonitrile
Concen: 19.724 ug/l
RT: 5.03 min Scan# 679
Delta R.T. -0.00 min
Lab File: VX0137844.D
Acq: 07 Dec 2019 04:35 pm

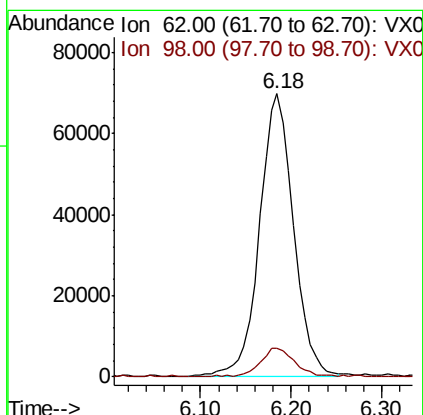
Instrument :
MSVOA_X
ClientSampleId :

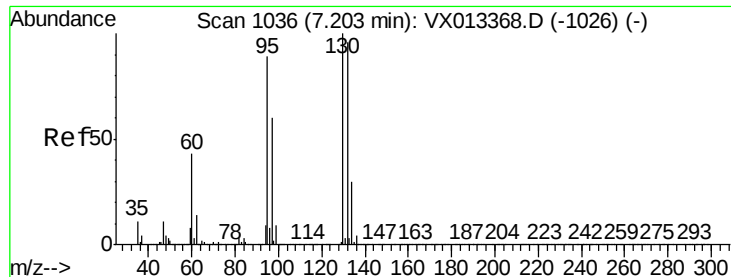
Tot Ion:	41	Resp:	108653
Ion	Ratio	Lower	Upper
41	100		
39	49.9	25.9	77.8
67	64.1	35.1	105.5
52	24.1	12.5	37.5



#36
1,2-Dichloroethane
Concen: 20.290 ug/l
RT: 6.18 min Scan# 869
Delta R.T. 0.01 min
Lab File: VX0137844.D
Acq: 07 Dec 2019 04:35 pm

Tgt Ion:	62	Resp:	180028
Ion	Ratio	Lower	Upper
62	100		
98	10.0	8.2	12.2





#37

Trichloroethene

Concen: 20.145 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.01 min

Lab File: VX0137844.D

Acq: 07 Dec 2019 04:35 pm

Instrument :

MSVOA_X

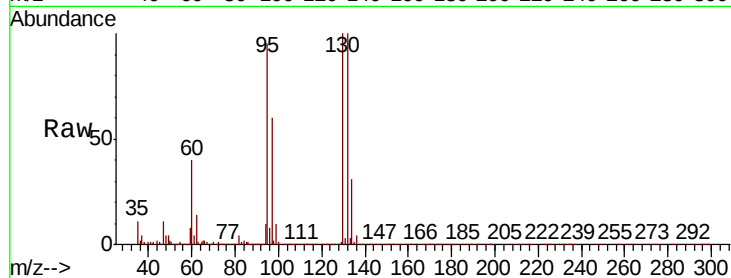
ClientSampleId :

Tot Ion:130 Resp: 136801

Ion Ratio Lower Upper

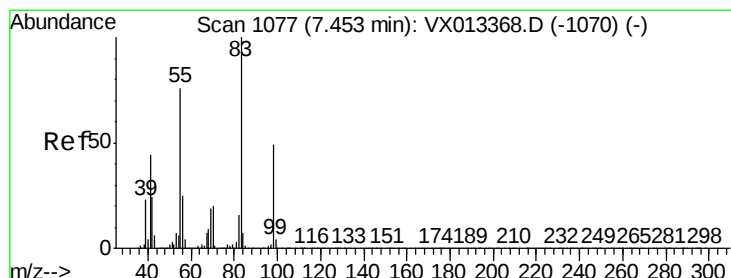
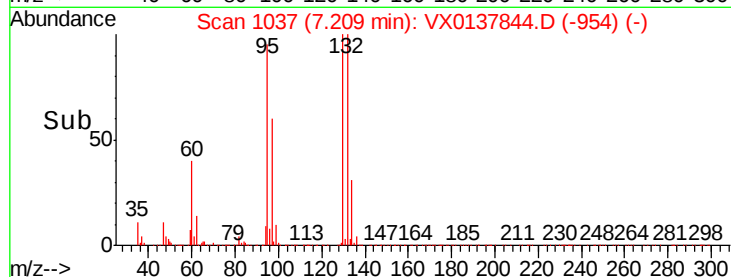
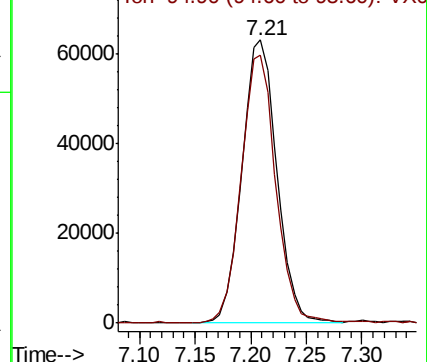
130 100

95 94.7 71.3 106.9



Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VX0



#38

Methylcyclohexane

Concen: 19.766 ug/l

RT: 7.46 min Scan# 1078

Delta R.T. 0.01 min

Lab File: VX0137844.D

Acq: 07 Dec 2019 04:35 pm

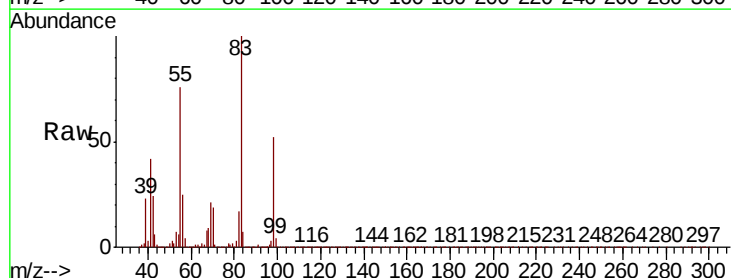
Tgt Ion: 83 Resp: 202543

Ion Ratio Lower Upper

83 100

55 77.3 37.9 113.7

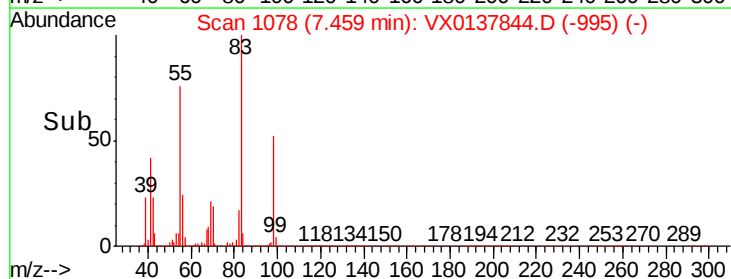
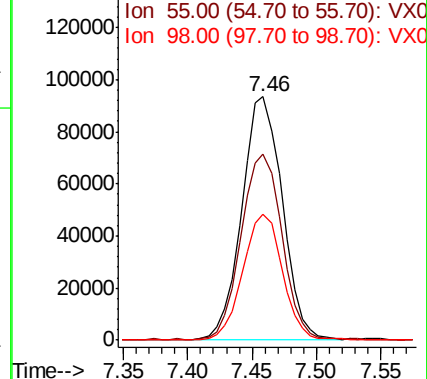
98 50.5 25.1 75.3

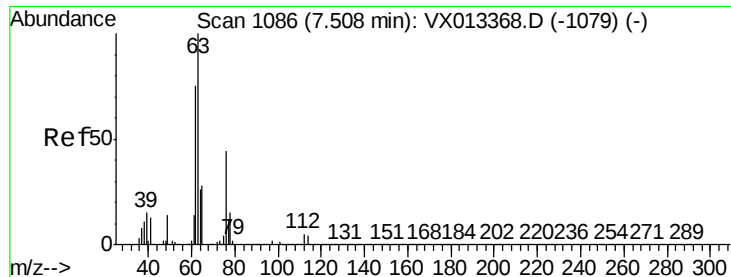


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

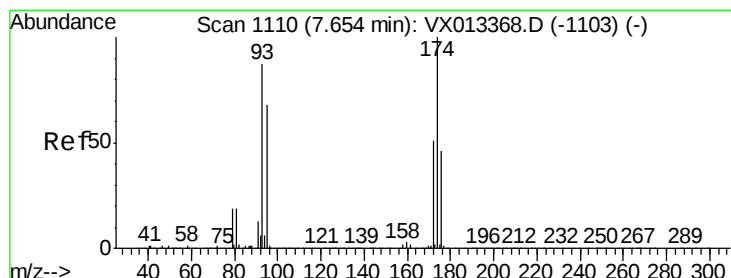
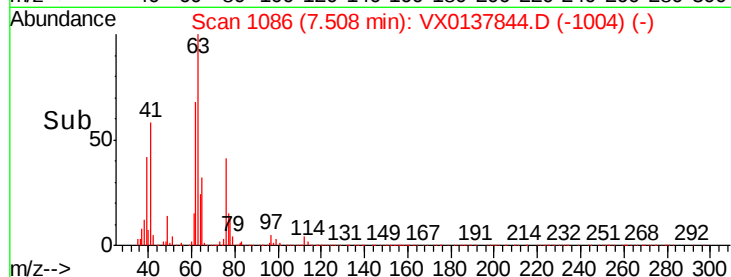
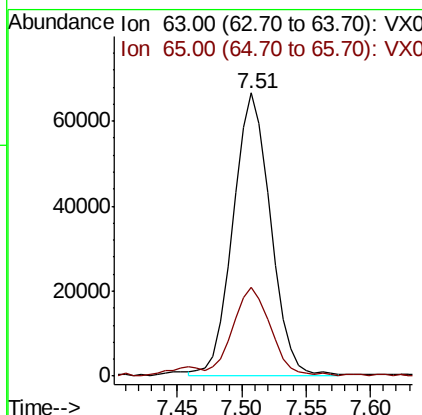
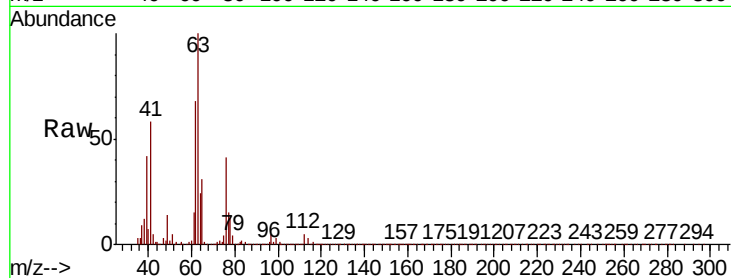




#39
 1,2-Dichloropropane
 Concen: 20.408 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. -0.00 min
 Lab File: VX0137844.D
 Acq: 07 Dec 2019 04:35 pm

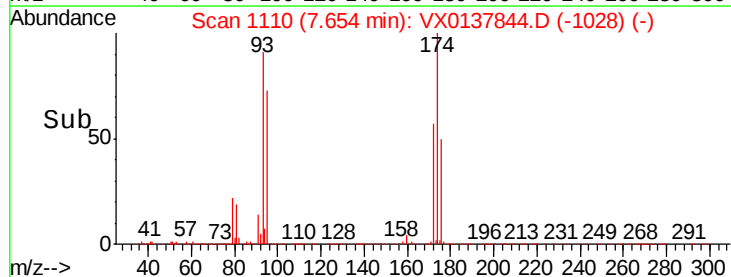
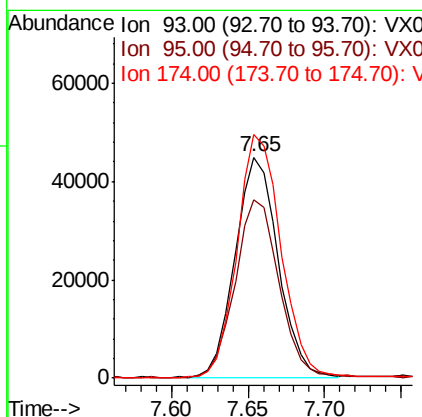
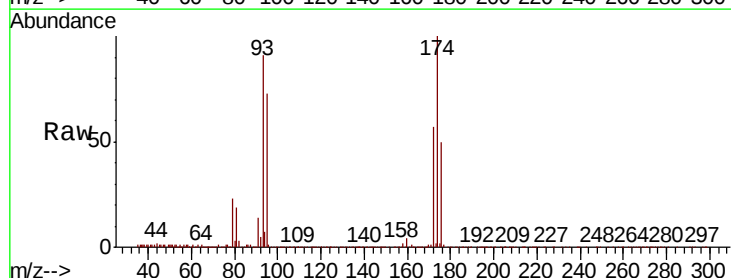
Instrument :
 MSVOA_X
 ClientSampleId :

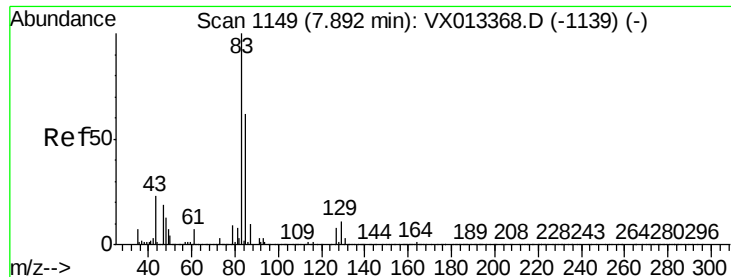
Tot Ion: 63 Resp: 133758
 Ion Ratio Lower Upper
 63 100
 65 31.3 23.8 35.8



#40
 Dibromomethane
 Concen: 20.165 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. -0.00 min
 Lab File: VX0137844.D
 Acq: 07 Dec 2019 04:35 pm

Tgt Ion: 93 Resp: 87960
 Ion Ratio Lower Upper
 93 100
 95 81.9 0.0 160.8
 174 111.8 0.0 228.8





#41

Bromodichloromethane

Concen: 19.521 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX0137844.D

Acq: 07 Dec 2019 04:35 pm

Instrument :

MSVOA_X

ClientSampleId :

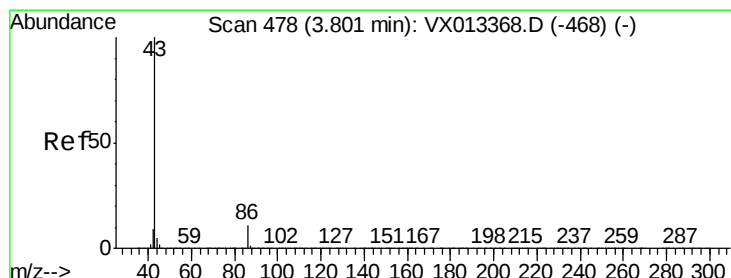
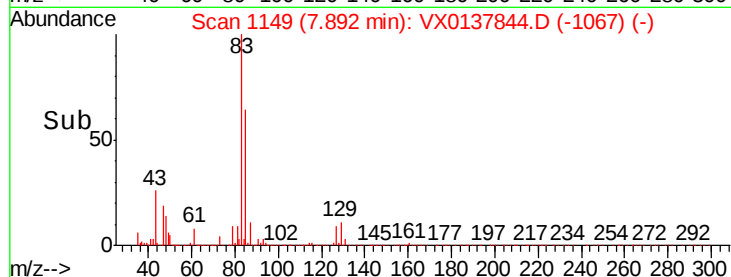
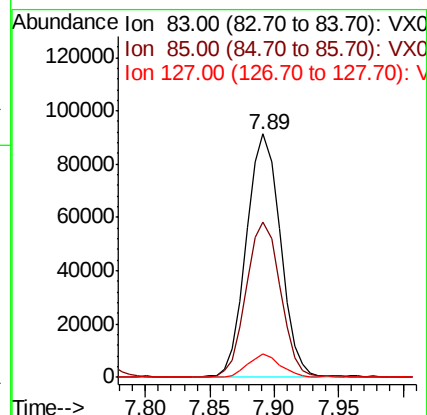
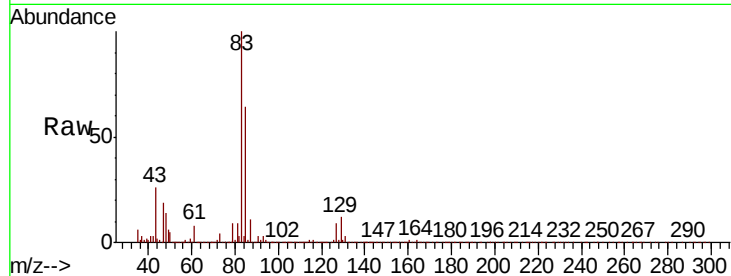
Tot Ion: 83 Resp: 166219

Ion Ratio Lower Upper

83 100

85 63.9 49.3 73.9

127 9.3 6.6 10.0



#42

Vinyl Acetate

Concen: 99.505 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.00 min

Lab File: VX0137844.D

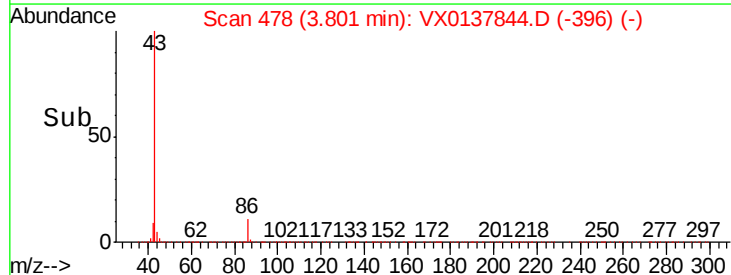
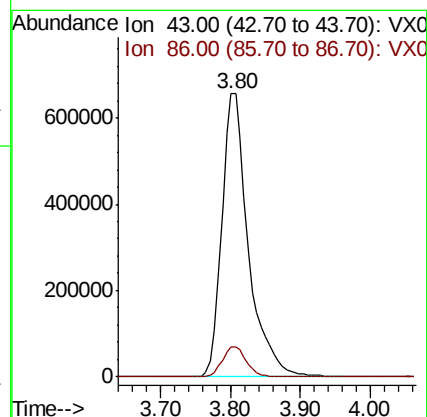
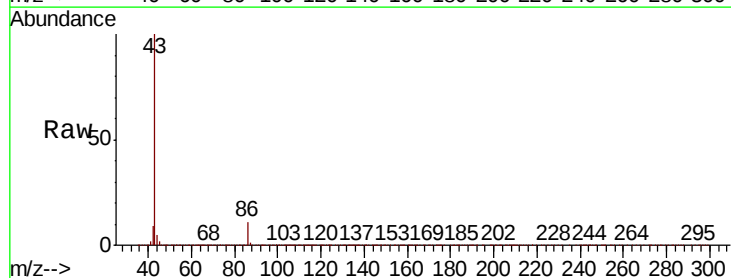
Acq: 07 Dec 2019 04:35 pm

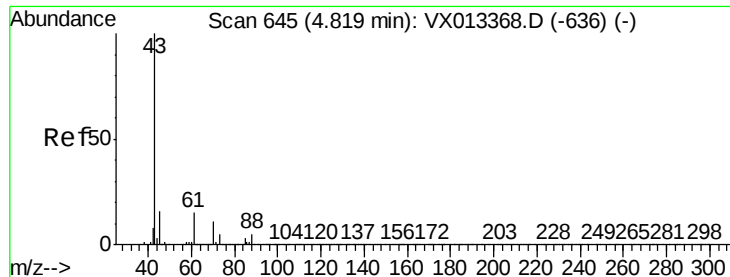
Tgt Ion: 43 Resp: 1728103

Ion Ratio Lower Upper

43 100

86 9.6 7.6 11.4

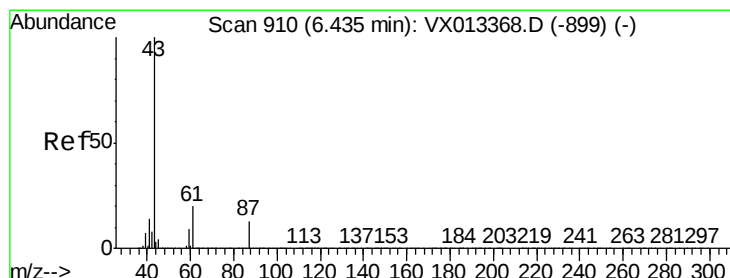
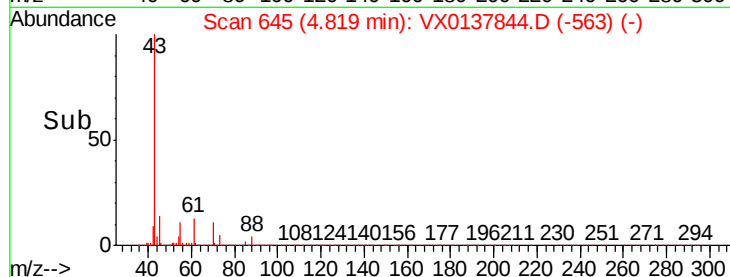
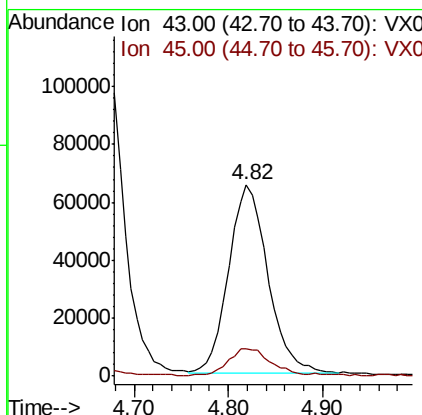
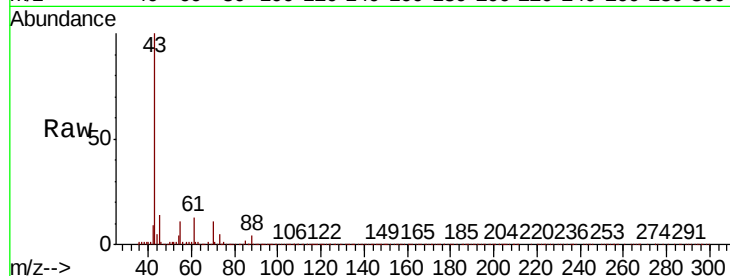




#43
Ethyl Acetate
Concen: 18.741 ug/l
RT: 4.82 min Scan# 645
Delta R.T. -0.00 min
Lab File: VX0137844.D
Acq: 07 Dec 2019 04:35 pm

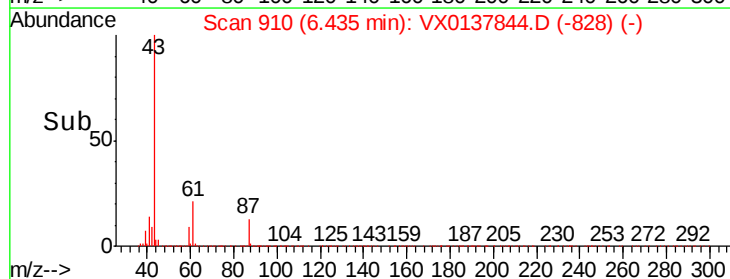
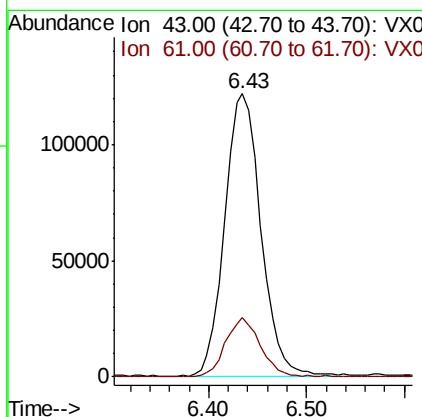
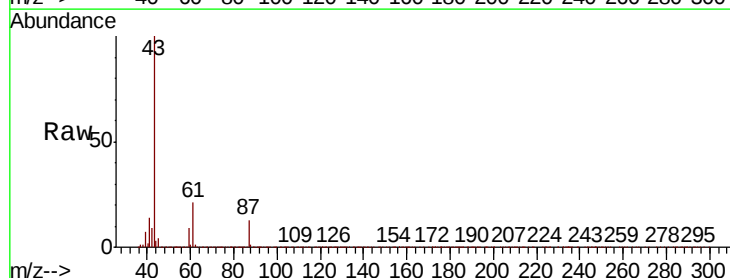
Instrument :
MSVOA_X
ClientSampled :

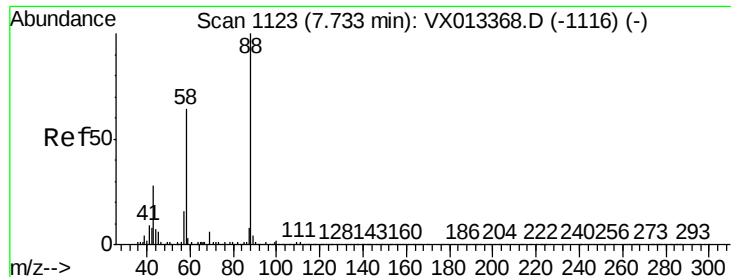
Tot Ion: 43 Resp: 188552
Ion Ratio Lower Upper
43 100
45 15.0 10.9 16.3



#44
Isopropyl Acetate
Concen: 19.319 ug/l
RT: 6.43 min Scan# 910
Delta R.T. -0.00 min
Lab File: VX0137844.D
Acq: 07 Dec 2019 04:35 pm

Tgt Ion: 43 Resp: 312425
Ion Ratio Lower Upper
43 100
61 19.7 15.8 23.8





#45

1,4-Dioxane

Concen: 250.005 ug/l

RT: 7.73 min Scan# 1123

Delta R.T. -0.00 min

Lab File: VX0137844.D

Acq: 07 Dec 2019 04:35 pm

Instrument :

MSVOA_X

ClientSampleId :

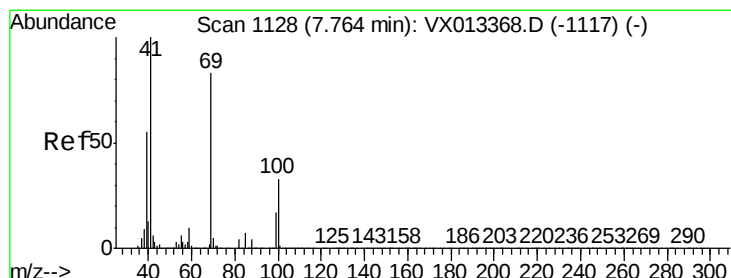
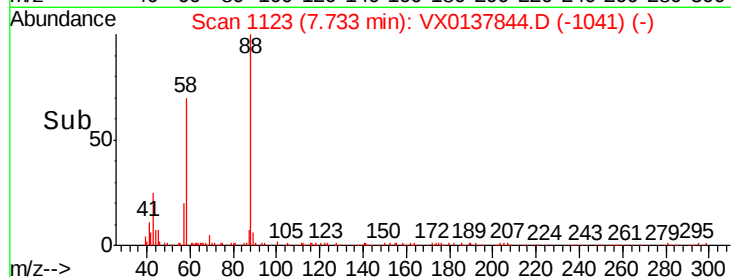
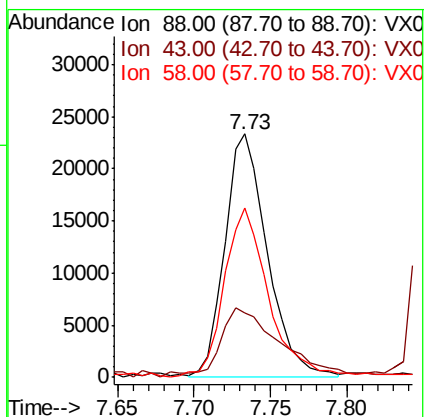
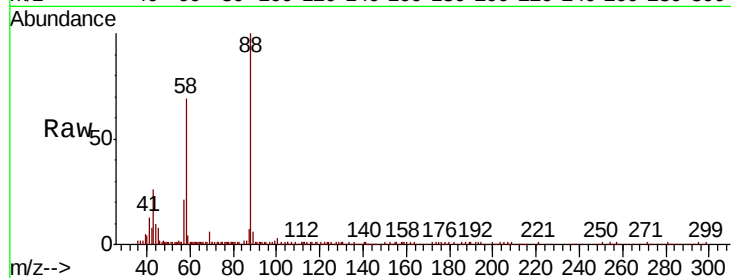
Tot Ion: 88 Resp: 44638

Ion Ratio Lower Upper

88 100

43 33.9 26.1 39.1

58 73.4 55.8 83.8



#46

Methyl methacrylate

Concen: 19.237 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. -0.00 min

Lab File: VX0137844.D

Acq: 07 Dec 2019 04:35 pm

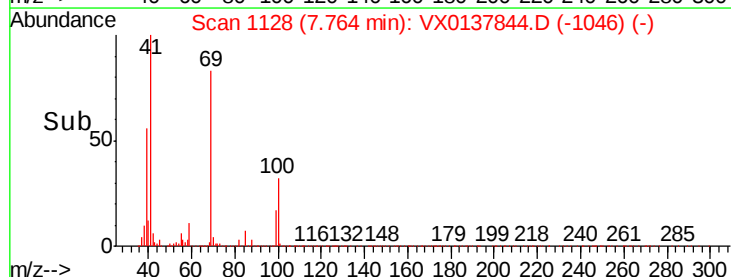
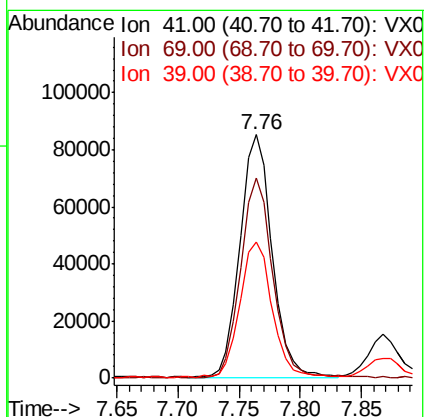
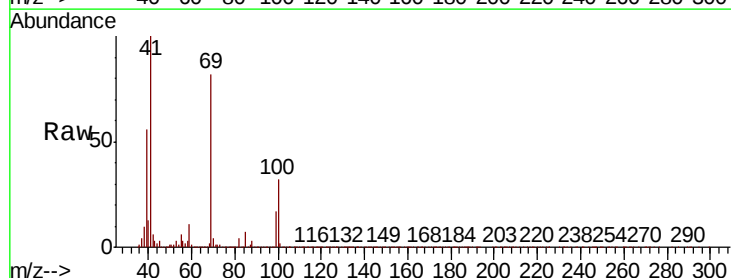
Tgt Ion: 41 Resp: 154752

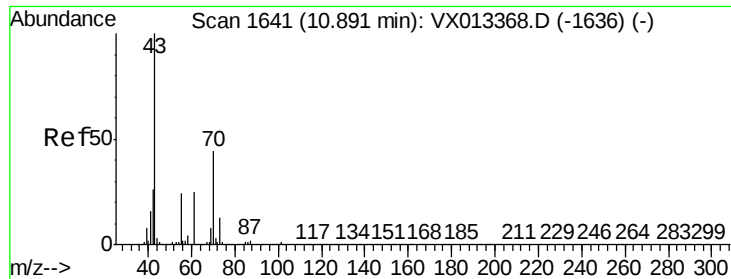
Ion Ratio Lower Upper

41 100

69 82.4 41.4 124.4

39 55.5 27.9 83.6

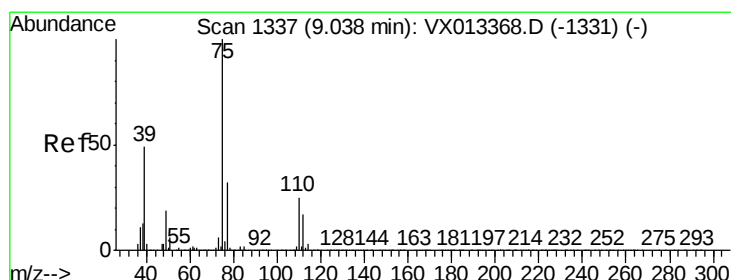
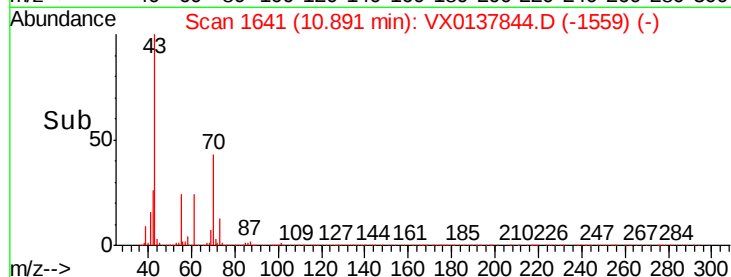
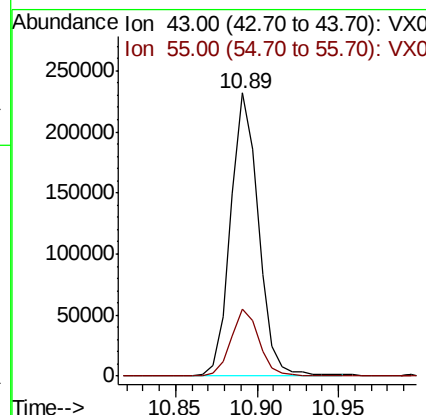
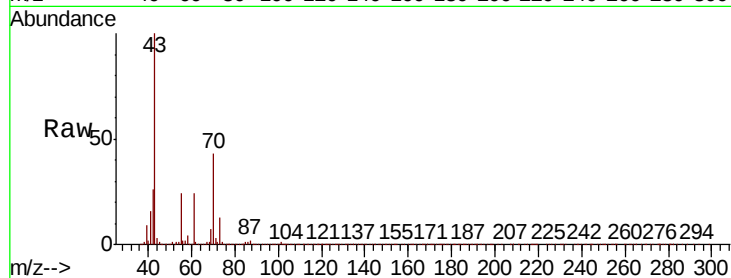




#47
n-amvl Acetate
Concen: 19.386 ug/l
RT: 10.89 min Scan# 1641
Delta R.T. -0.00 min
Lab File: VX0137844.D
Acq: 07 Dec 2019 04:35 pm

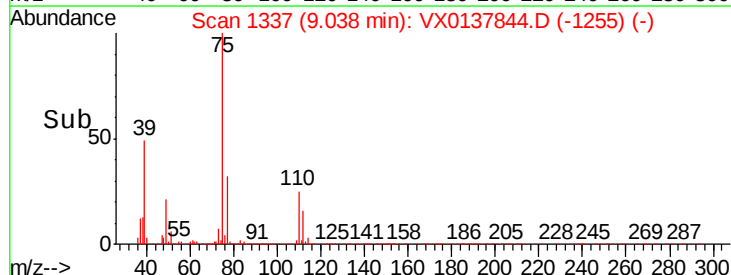
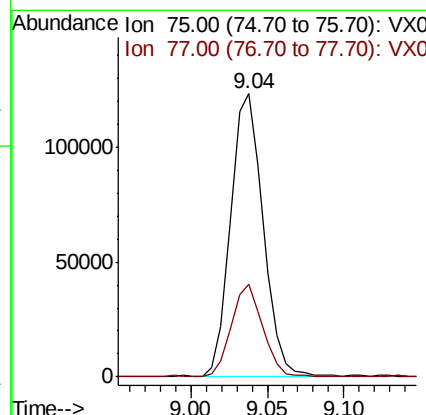
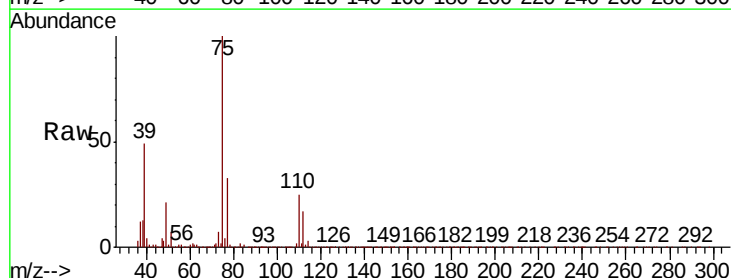
Instrument :
MSVOA_X
ClientSampleId :

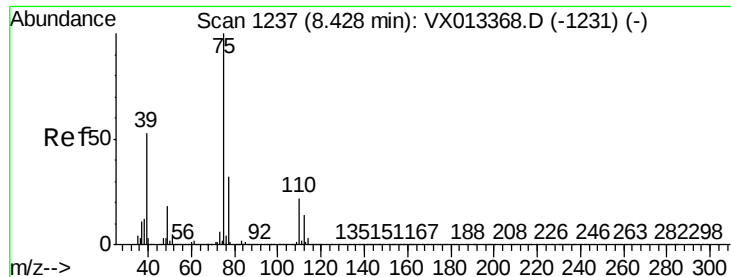
Tot Ion: 43 Resp: 275003
Ion Ratio Lower Upper
43 100
55 23.9 19.0 28.4



#48
t-1,3-Dichloropropene
Concen: 19.001 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. -0.00 min
Lab File: VX0137844.D
Acq: 07 Dec 2019 04:35 pm

Tgt Ion: 75 Resp: 181421
Ion Ratio Lower Upper
75 100
77 32.5 25.3 37.9





#49

cis-1,3-Dichloropropene

Concen: 19.650 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. -0.00 min

Lab File: VX0137844.D

Acq: 07 Dec 2019 04:35 pm

Instrument :

MSVOA_X

ClientSampleId :

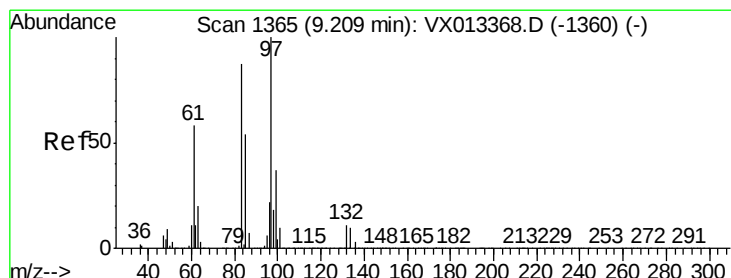
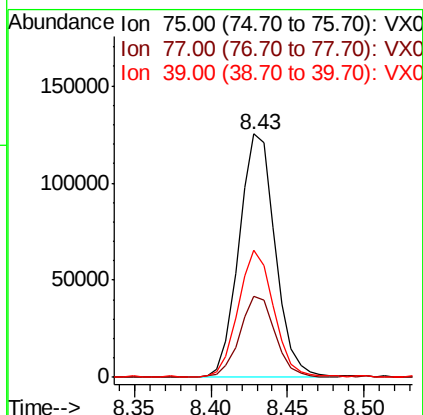
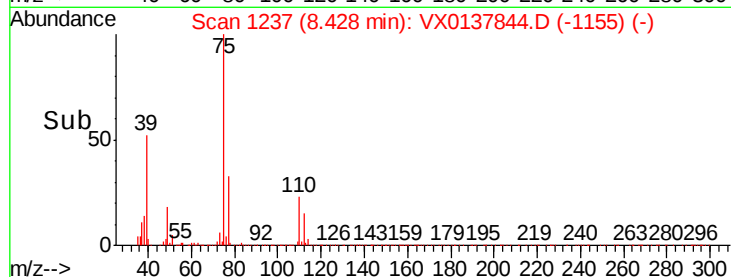
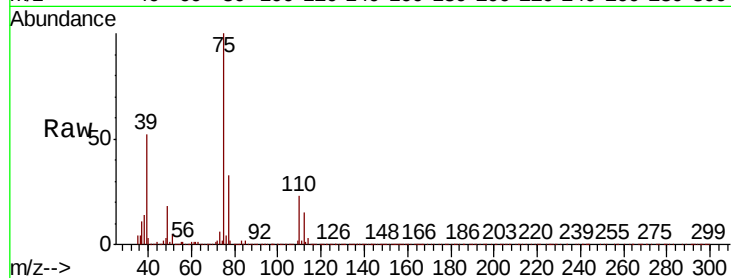
Tot Ion: 75 Resp: 205584

Ion Ratio Lower Upper

75 100

77 33.1 25.8 38.8

39 52.1 42.2 63.4



#50

1,1,2-Trichloroethane

Concen: 19.975 ug/l

RT: 9.21 min Scan# 1365

Delta R.T. -0.00 min

Lab File: VX0137844.D

Acq: 07 Dec 2019 04:35 pm

Tgt Ion: 97 Resp: 128935

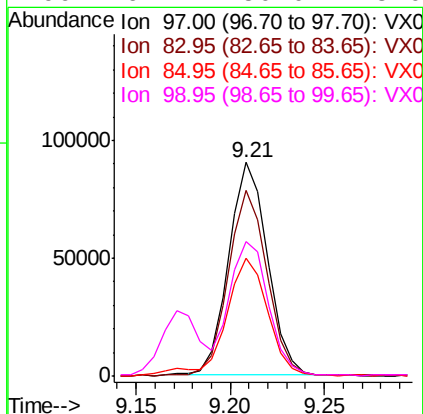
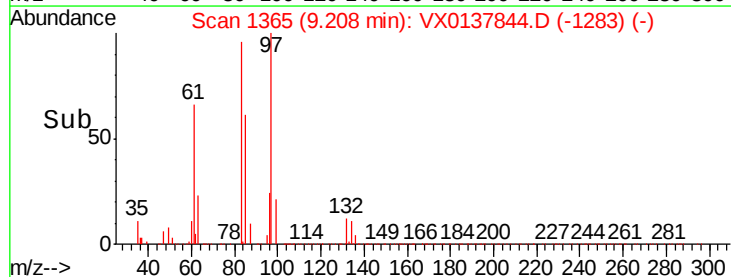
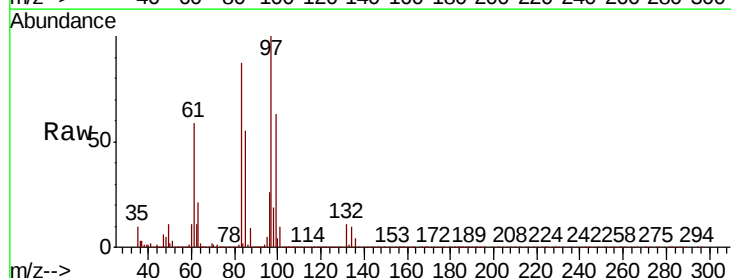
Ion Ratio Lower Upper

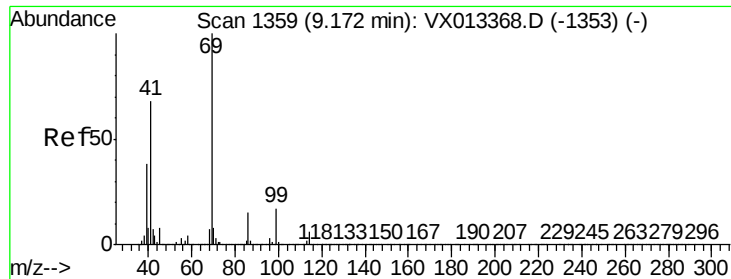
97 100

83 87.0 69.6 104.4

85 55.2 45.5 68.3

99 62.4 50.0 75.0





#51

Ethyl methacrylate

Concen: 19.671 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. -0.00 min

Lab File: VX0137844.D

Acq: 07 Dec 2019 04:35 pm

Instrument :

MSVOA_X

ClientSampleId :

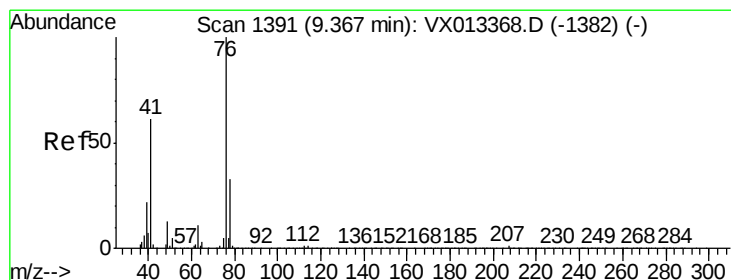
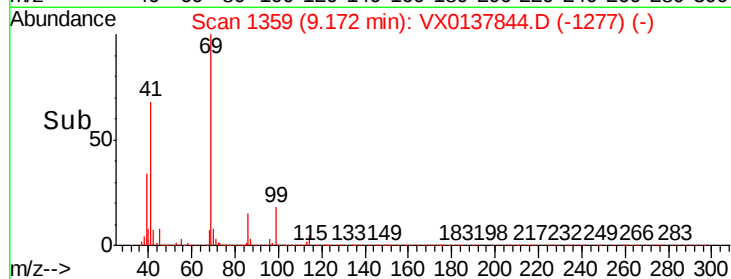
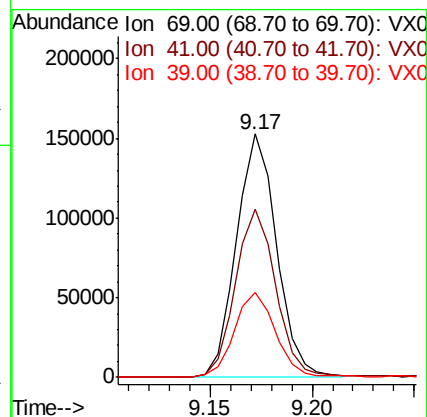
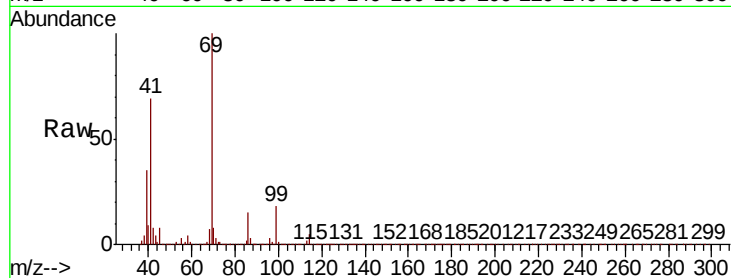
Tot Ion: 69 Resp: 209051

Ion Ratio Lower Upper

69 100

41 68.5 33.9 101.6

39 34.8 18.8 56.4



#52

1,3-Dichloropropane

Concen: 20.448 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VX0137844.D

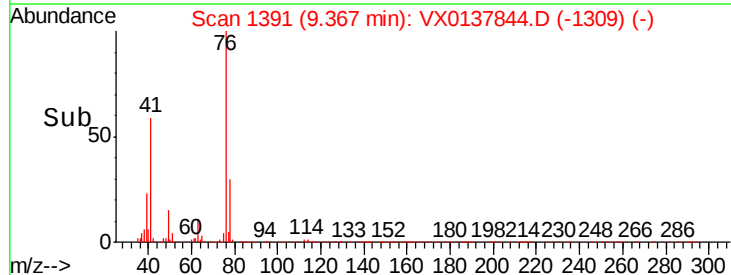
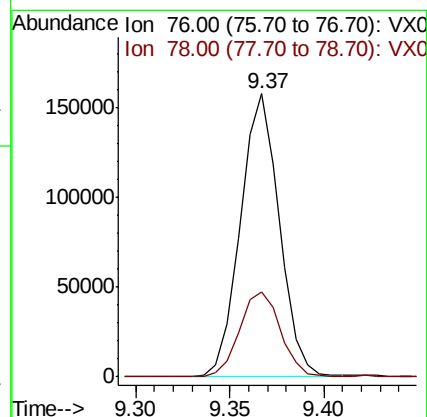
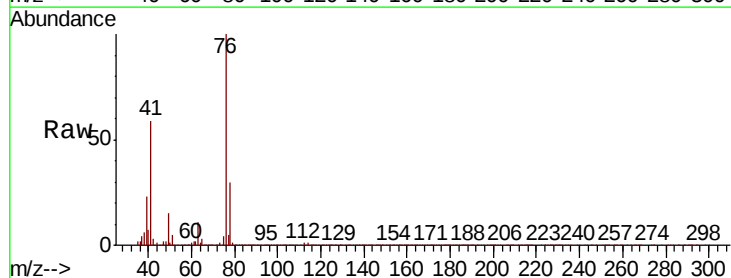
Acq: 07 Dec 2019 04:35 pm

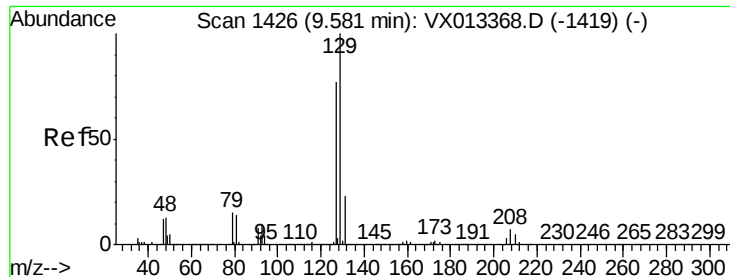
Tgt Ion: 76 Resp: 225636

Ion Ratio Lower Upper

76 100

78 31.7 0.0 63.6





#53

Dibromochloromethane

Concen: 19.720 ug/l

RT: 9.58 min Scan# 1426

Delta R.T. -0.00 min

Lab File: VX0137844.D

Acq: 07 Dec 2019 04:35 pm

Instrument :

MSVOA_X

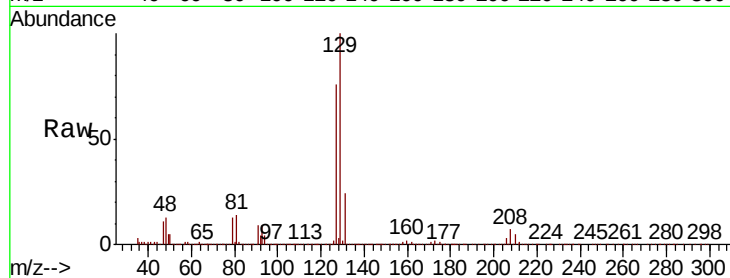
ClientSampleId :

Tot Ion:129 Resp: 134903

Ion Ratio Lower Upper

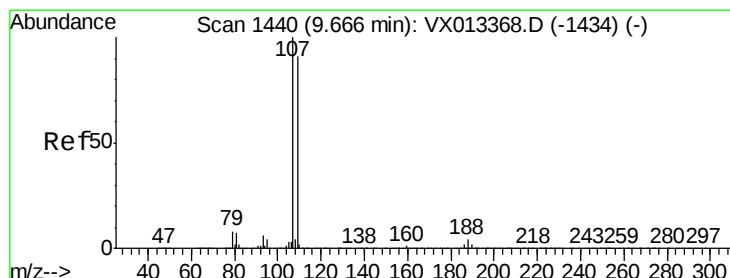
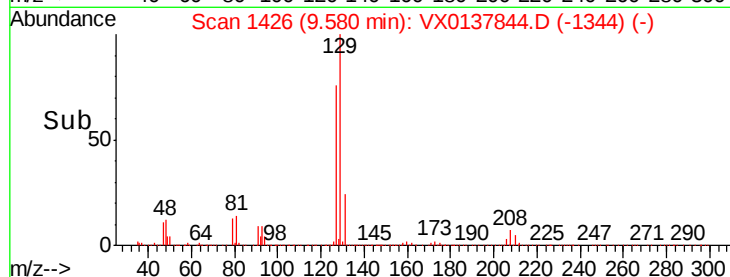
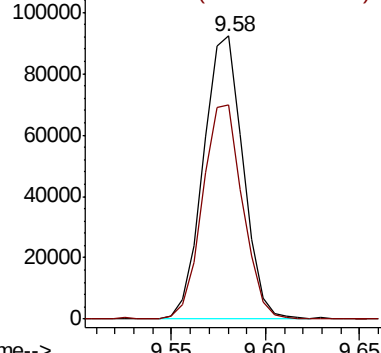
129 100

127 76.4 39.6 119.0



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#54

1,2-Dibromoethane

Concen: 19.867 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX0137844.D

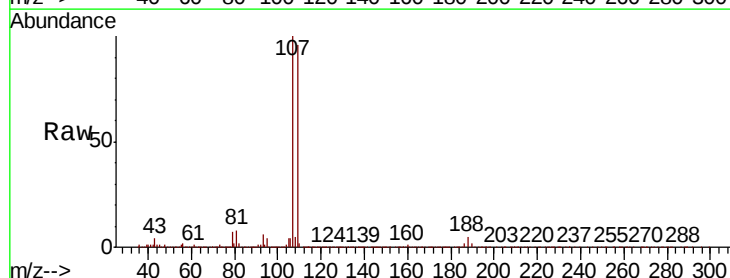
Acq: 07 Dec 2019 04:35 pm

Tgt Ion:107 Resp: 137122

Ion Ratio Lower Upper

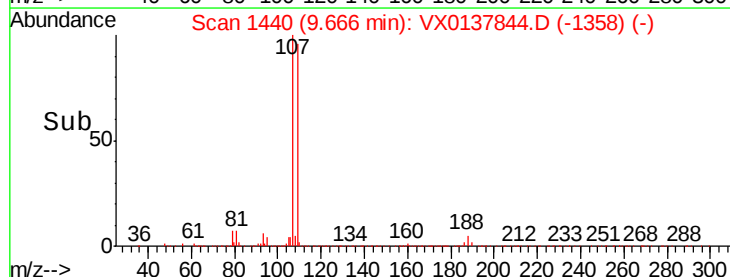
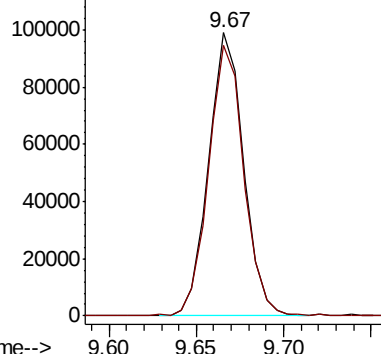
107 100

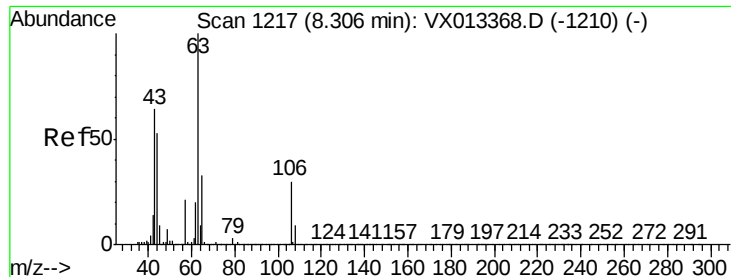
109 95.8 73.9 110.9



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

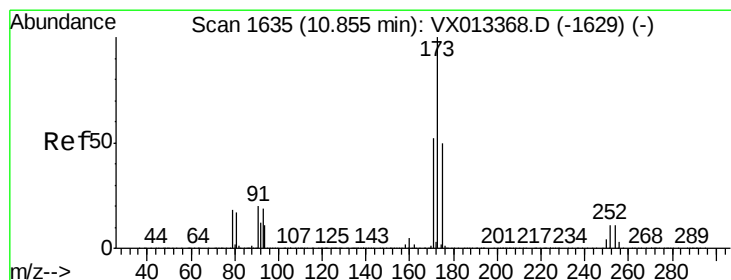
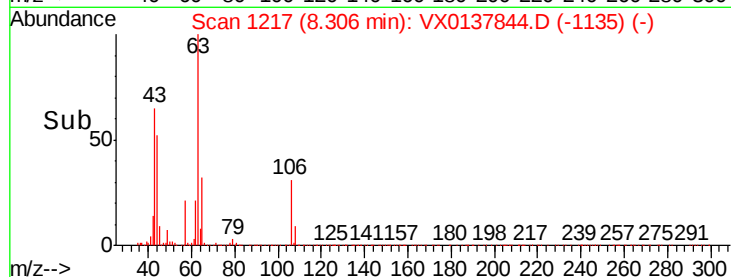
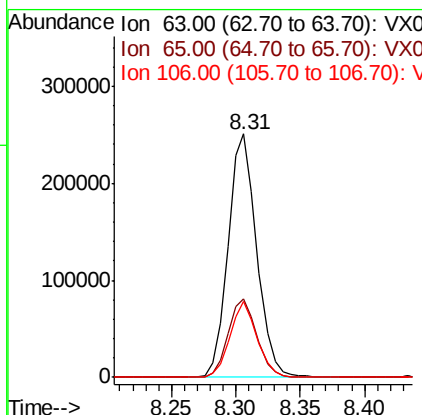
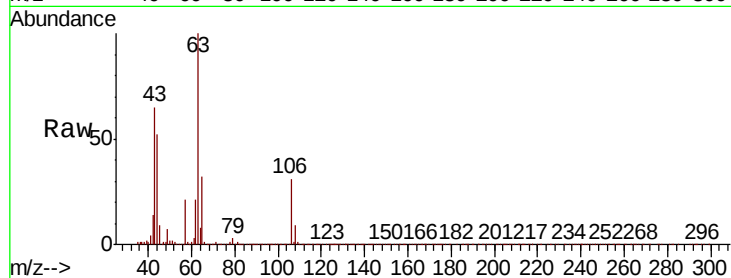




#55
 2-Chloroethyl vinyl ether
 Concen: 85.229 ug/l
 RT: 8.31 min Scan# 1217
 Delta R.T. -0.00 min
 Lab File: VX0137844.D
 Acq: 07 Dec 2019 04:35 pm

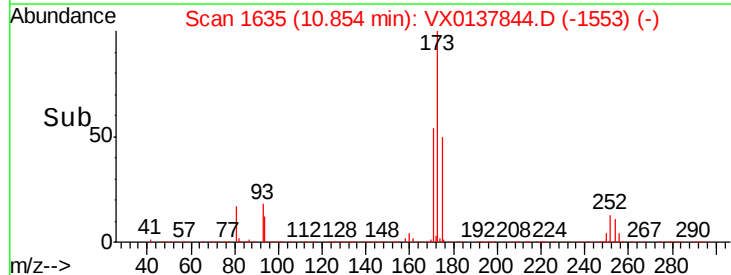
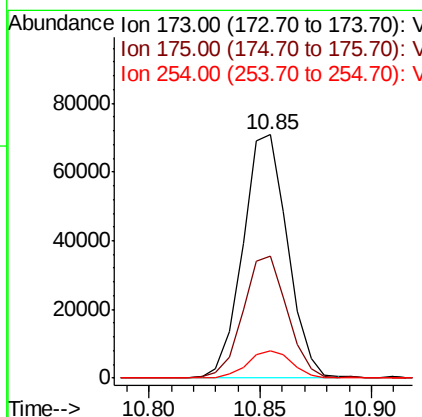
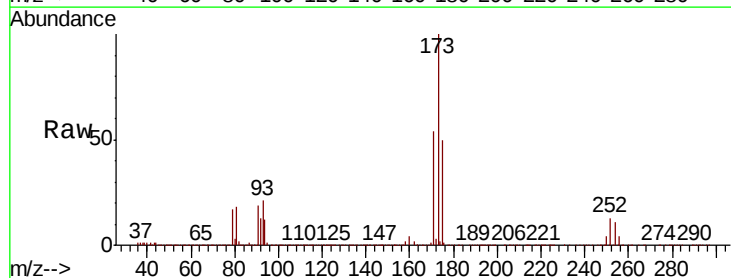
Instrument :
 MSVOA_X
 ClientSampleId :

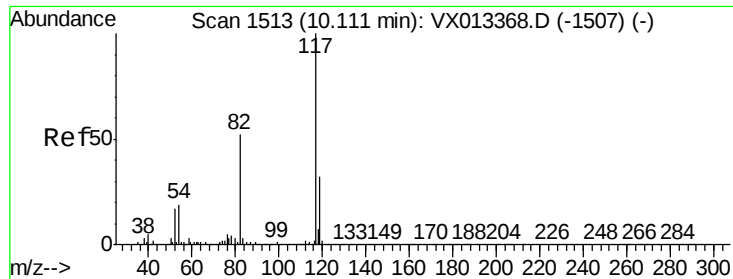
Tot Ion:	63	Resp:	387021
Ion	Ratio	Lower	Upper
63	100		
65	32.1	26.0	39.0
106	29.3	23.5	35.3



#56
 Bromoform
 Concen: 18.156 ug/l
 RT: 10.85 min Scan# 1635
 Delta R.T. -0.00 min
 Lab File: VX0137844.D
 Acq: 07 Dec 2019 04:35 pm

Tgt Ion:	173	Resp:	98842
Ion	Ratio	Lower	Upper
173	100		
175	49.7	39.4	59.0
254	11.2	8.6	12.8

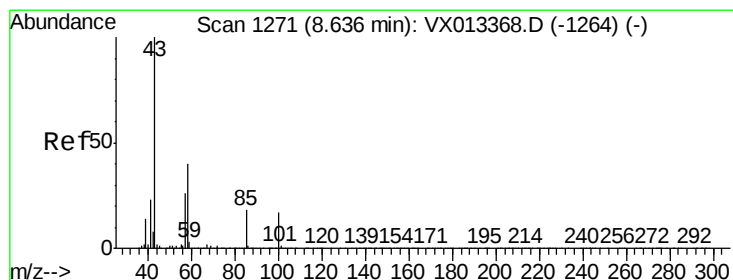
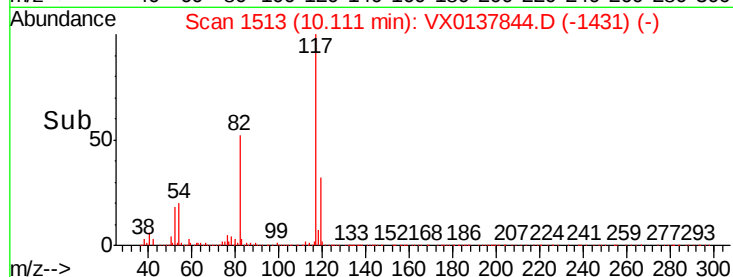
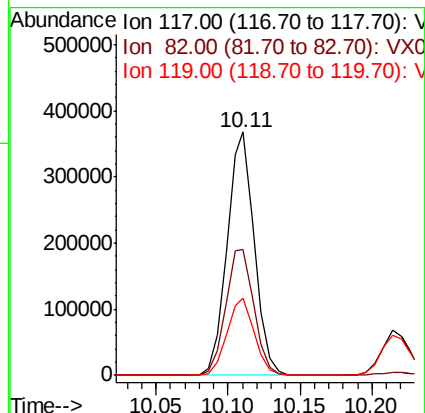
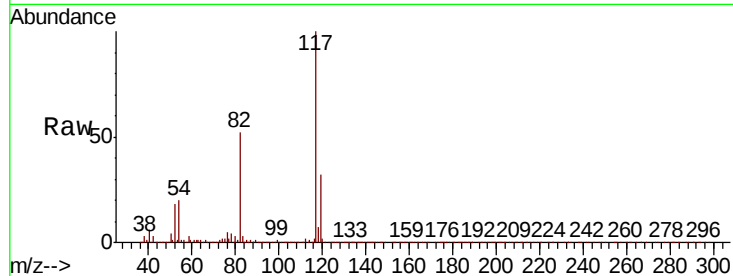




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX0137844.D
Acq: 07 Dec 2019 04:35 pm

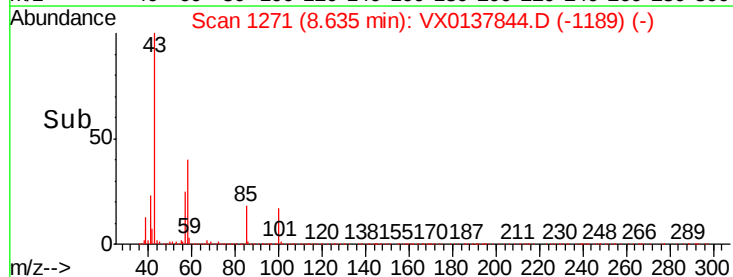
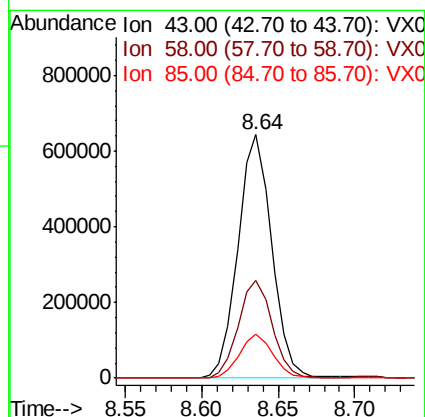
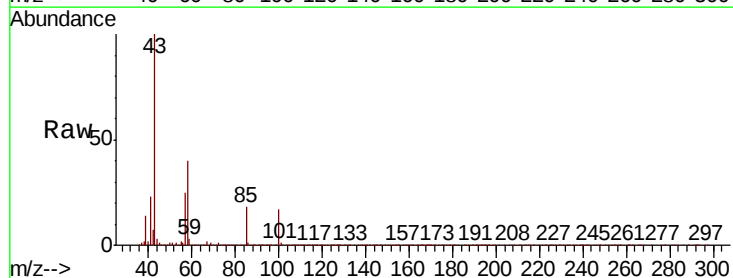
Instrument :
MSVOA_X
ClientSampleId :

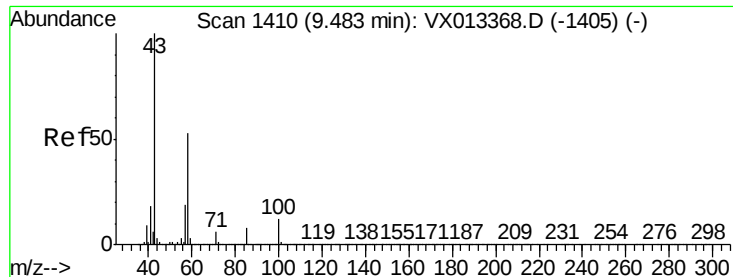
Tot Ion	Ratio	Lower	Upper
117	100		
82	53.9	43.7	65.5
119	32.1	25.5	38.3



#58
4-Methyl-2-Pentanone
Concen: 96.680 ug/l
RT: 8.64 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VX0137844.D
Acq: 07 Dec 2019 04:35 pm

Tgt Ion	Ratio	Lower	Upper
43	100		
58	40.4	31.6	47.4
85	17.9	14.2	21.2

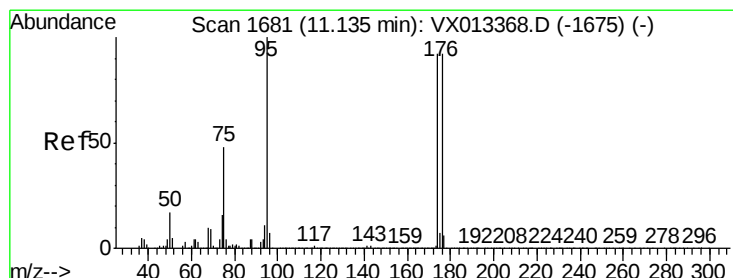
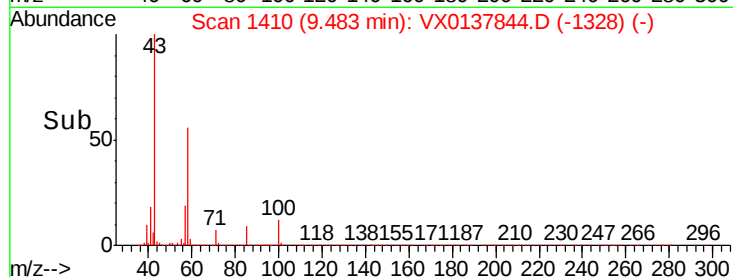
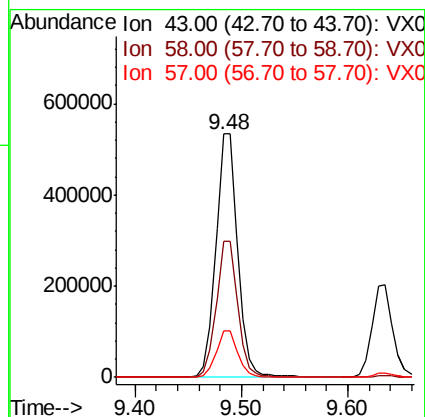
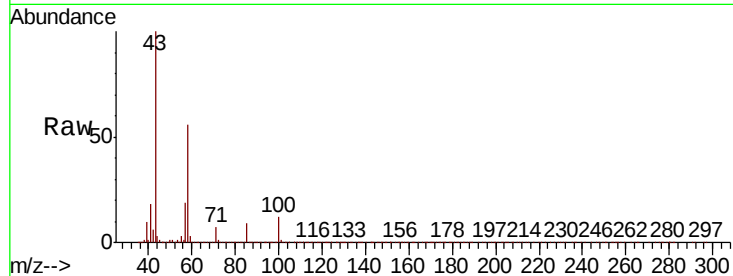




#59
2-Hexanone
Concen: 93.163 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.00 min
Lab File: VX0137844.D
Acq: 07 Dec 2019 04:35 pm

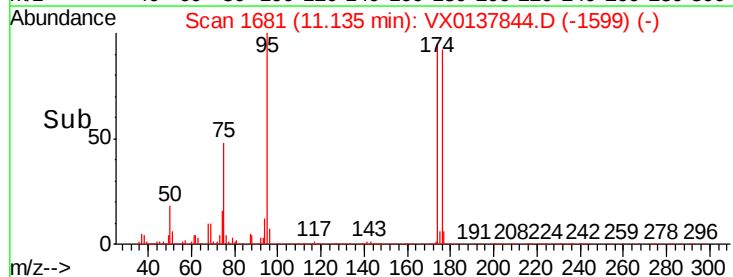
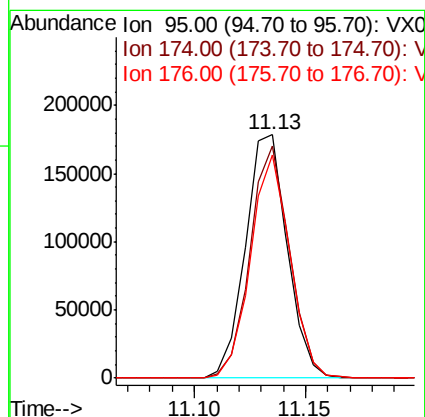
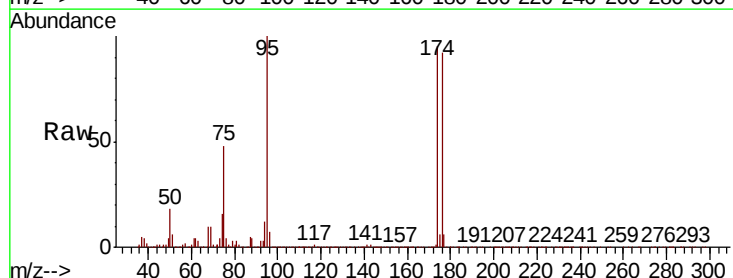
Instrument :
MSVOA_X
ClientSampleId :

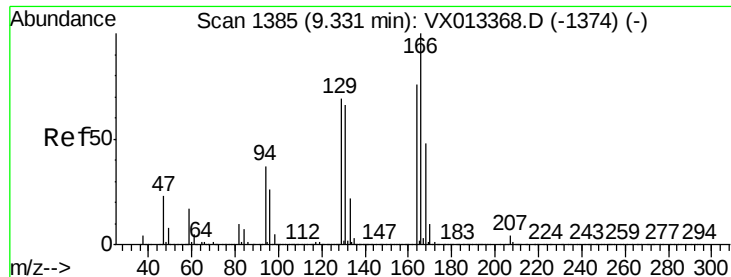
Tot Ion: 43 Resp: 750245
Ion Ratio Lower Upper
43 100
58 55.4 43.8 65.6
57 18.8 15.1 22.7



#60
4-Bromofluorobenzene
Concen: 29.919 ug/l
RT: 11.13 min Scan# 1681
Delta R.T. -0.00 min
Lab File: VX0137844.D
Acq: 07 Dec 2019 04:35 pm

Tgt Ion: 95 Resp: 234286
Ion Ratio Lower Upper
95 100
174 90.6 70.2 105.2
176 86.5 68.3 102.5

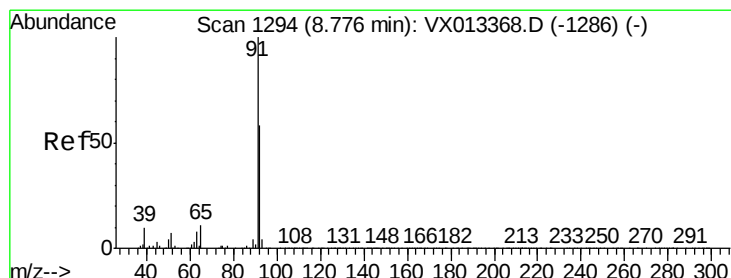
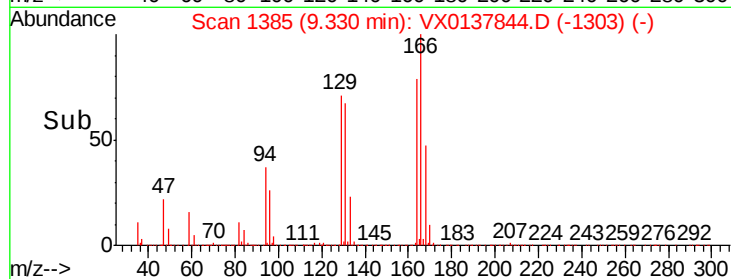
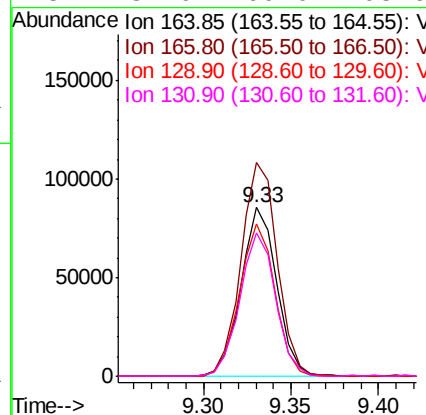
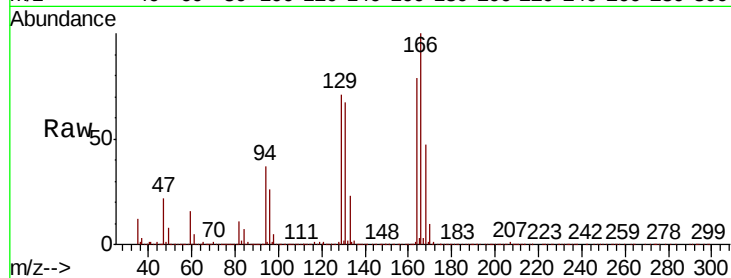




#61
Tetrachloroethene
Concen: 20.071 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX0137844.D
Acq: 07 Dec 2019 04:35 pm

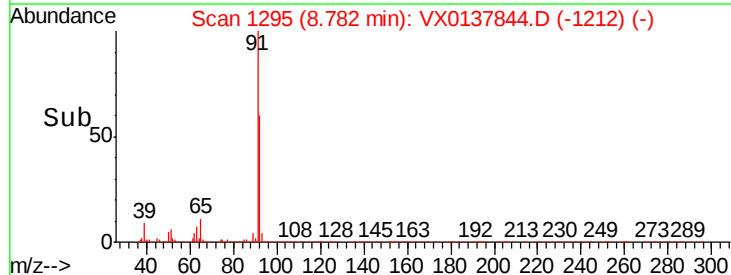
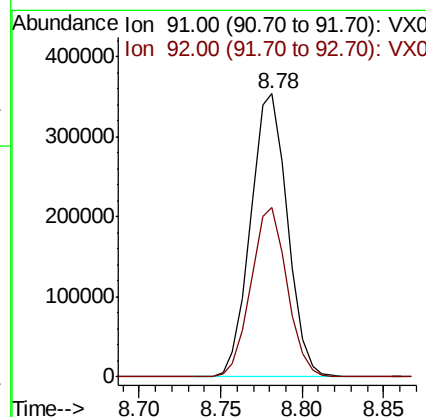
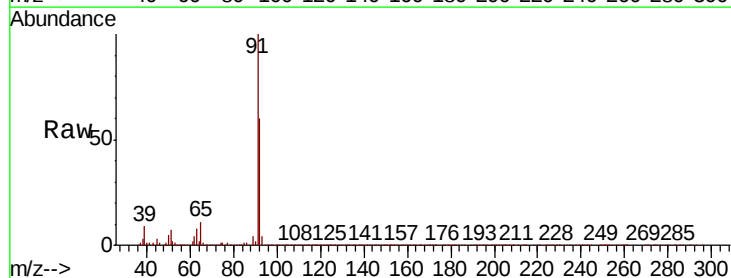
Instrument :
MSVOA_X
ClientSampleId :

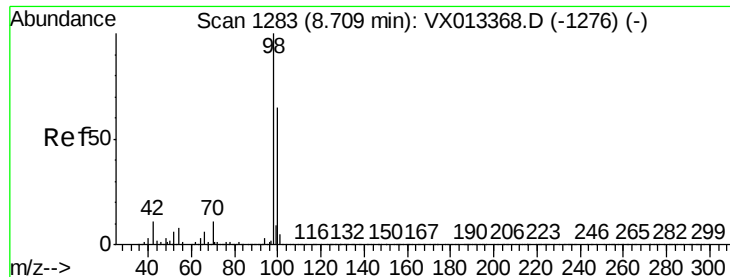
Tot Ion:	164	Resp:	120585
Ion	Ratio	Lower	Upper
164	100		
166	126.9	104.9	157.3
129	90.7	72.3	108.5
131	84.9	69.0	103.6



#62
Toluene
Concen: 20.505 ug/l
RT: 8.78 min Scan# 1295
Delta R.T. 0.01 min
Lab File: VX0137844.D
Acq: 07 Dec 2019 04:35 pm

Tgt Ion:	91	Resp:	556467
Ion	Ratio	Lower	Upper
91	100		
92	58.8	46.6	69.8





#63

Toluene-d8

Concen: 30.195 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX0137844.D

Acq: 07 Dec 2019 04:35 pm

Instrument :

MSVOA_X

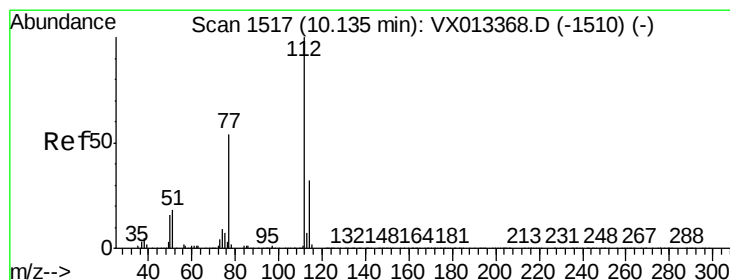
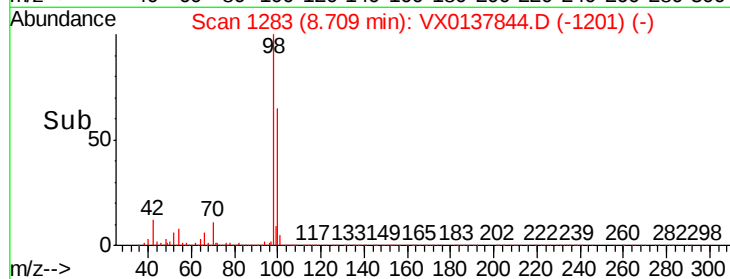
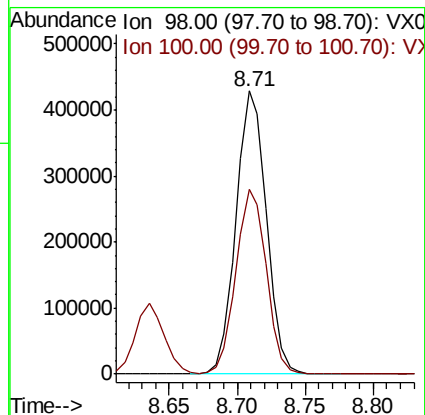
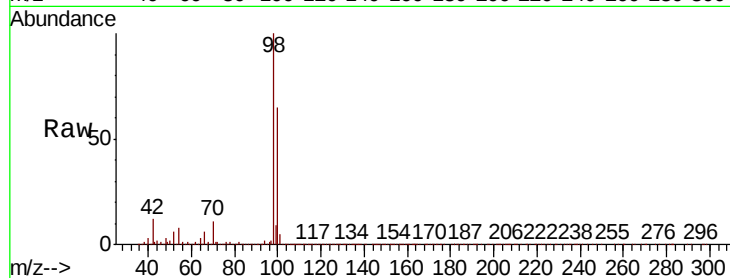
ClientSampleId :

Tot Ion: 98 Resp: 665243

Ion Ratio Lower Upper

98 100

100 65.4 52.5 78.7



#64

Chlorobenzene

Concen: 20.774 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. -0.00 min

Lab File: VX0137844.D

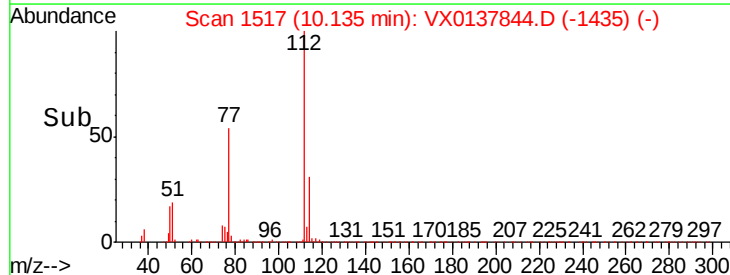
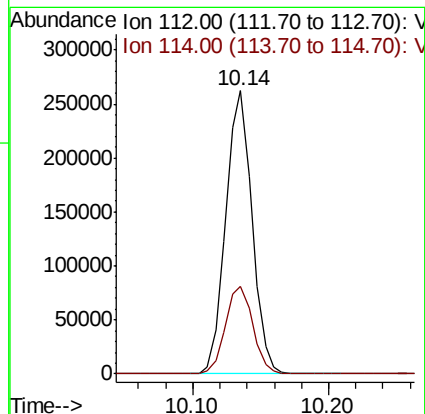
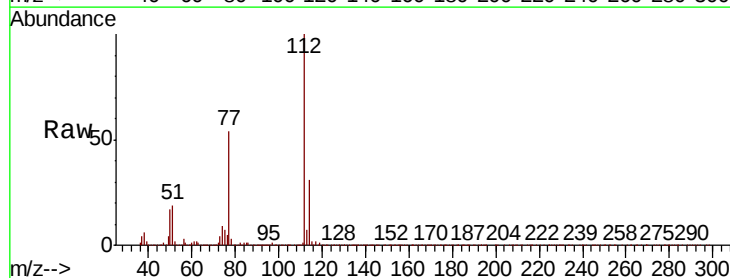
Acq: 07 Dec 2019 04:35 pm

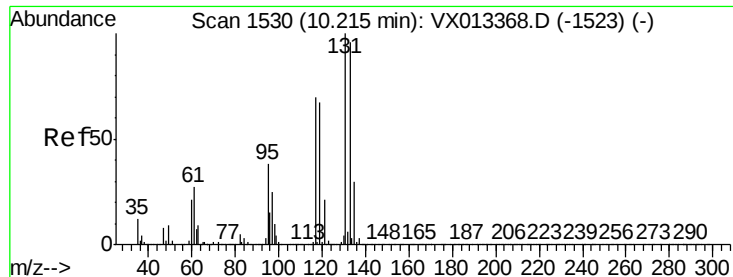
Tgt Ion: 112 Resp: 352503

Ion Ratio Lower Upper

112 100

114 30.9 25.7 38.5

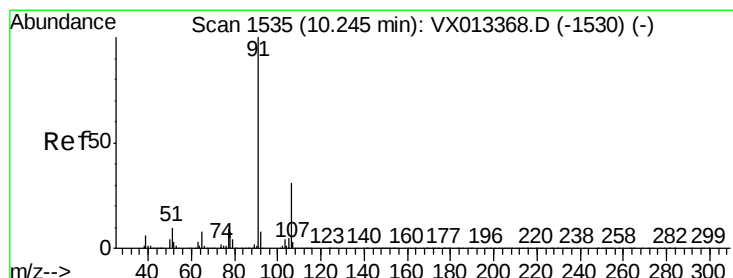
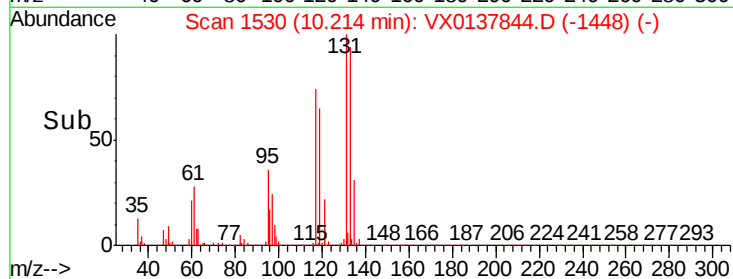
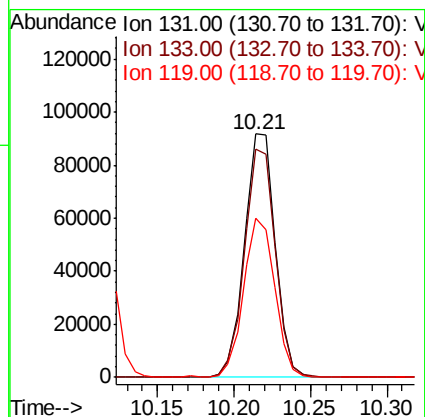
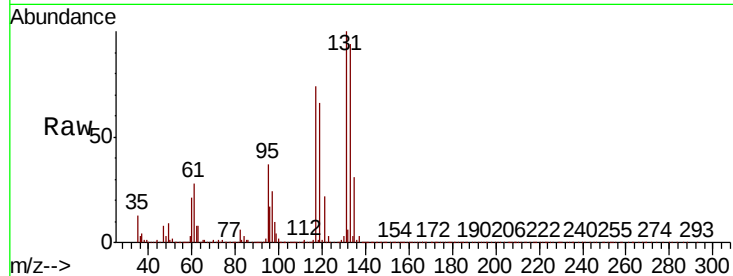




#65
 1,1,1,2-Tetrachloroethane
 Concen: 20.117 ug/l
 RT: 10.21 min Scan# 1530
 Delta R.T. -0.00 min
 Lab File: VX0137844.D
 Acq: 07 Dec 2019 04:35 pm

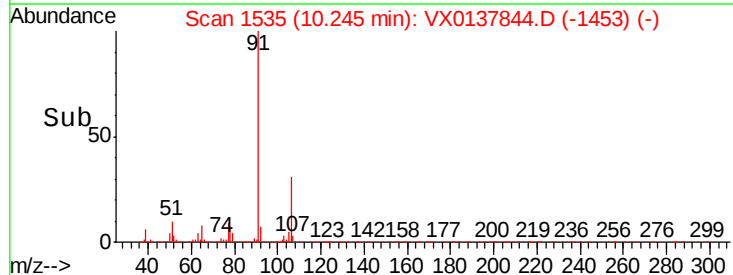
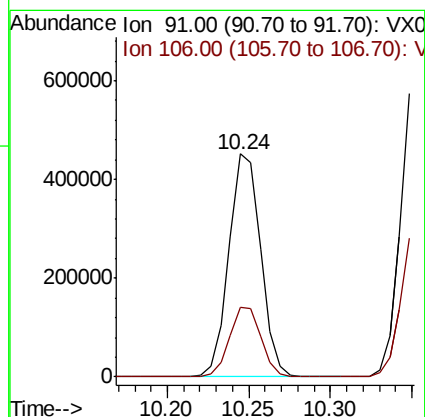
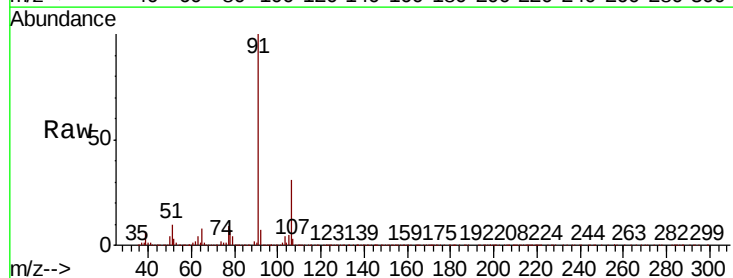
Instrument :
 MSVOA_X
 ClientSampleId :

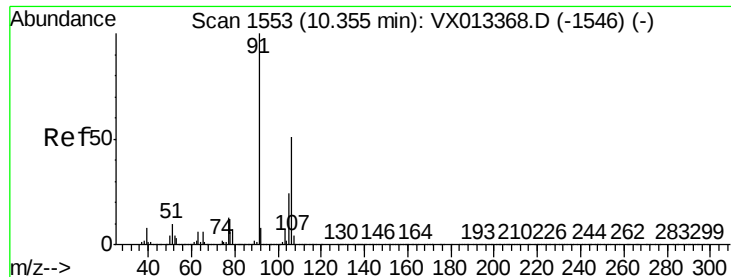
Tot Ion	Ratio	Lower	Upper
131	100		
133	93.9	0.0	192.2
119	65.8	0.0	134.4



#66
 Ethyl Benzene
 Concen: 20.554 ug/l
 RT: 10.24 min Scan# 1535
 Delta R.T. -0.00 min
 Lab File: VX0137844.D
 Acq: 07 Dec 2019 04:35 pm

Tgt Ion	Ratio	Lower	Upper
91	100		
106	30.9	25.0	37.4

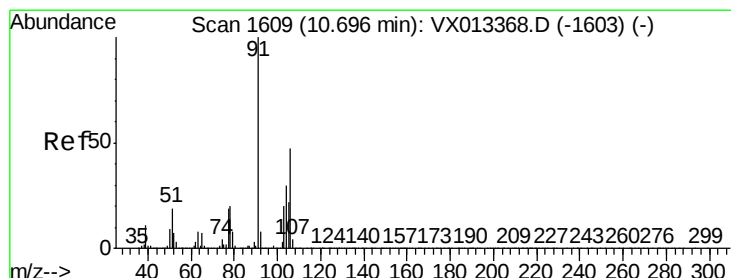
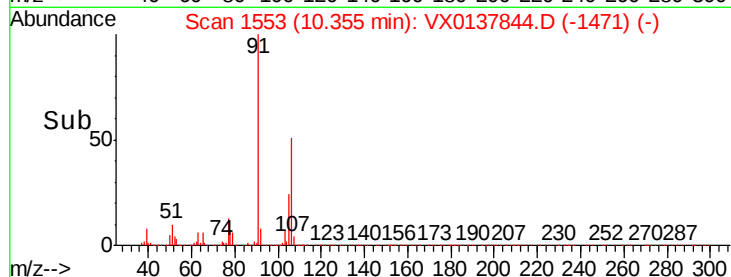
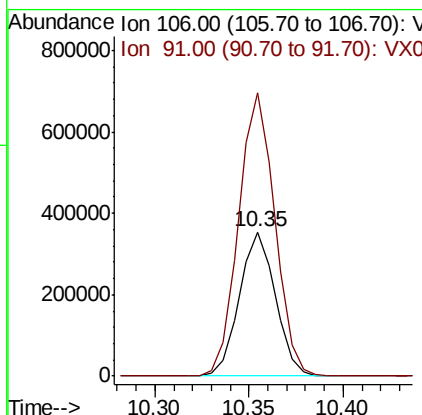
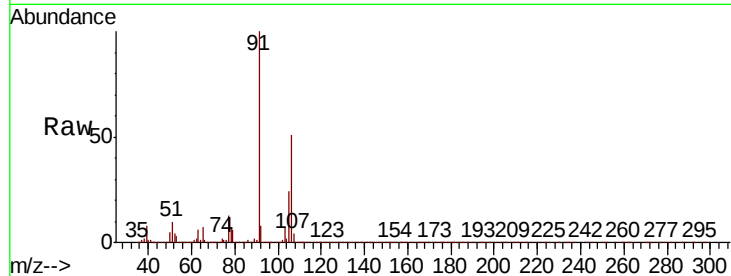




#67
m/p-Xvlenes
Concen: 40.539 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX0137844.D
Acq: 07 Dec 2019 04:35 pm

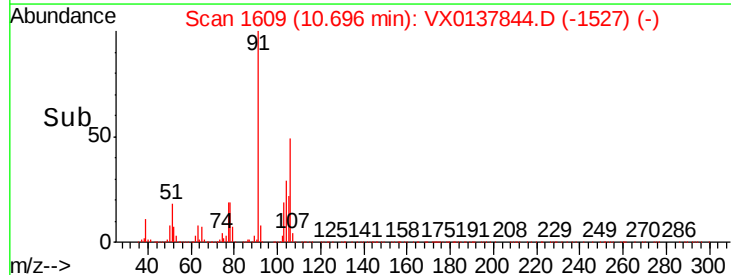
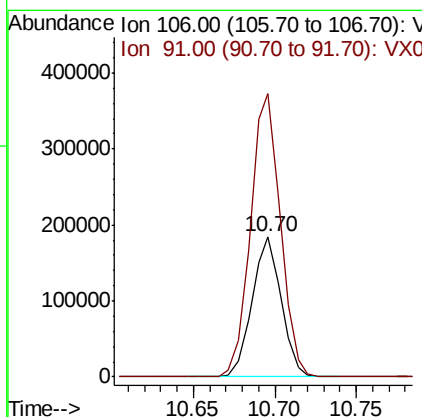
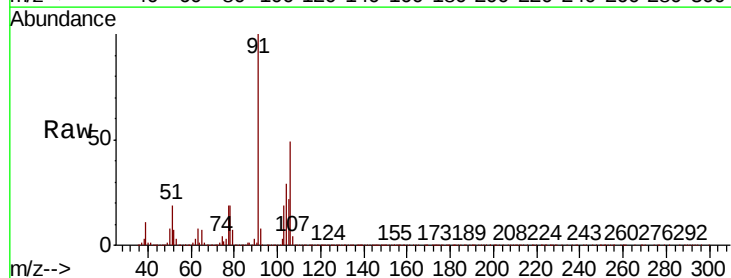
Instrument :
MSVOA_X
ClientSampleId :

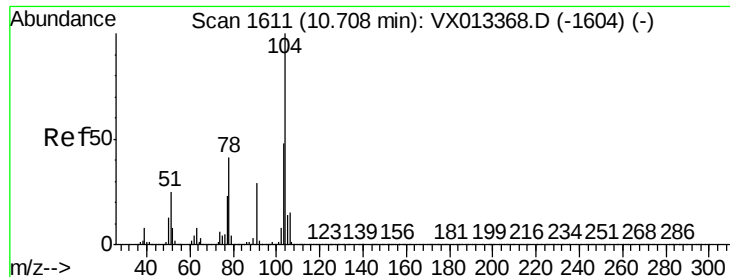
Tot Ion:106 Resp: 466226
Ion Ratio Lower Upper
106 100
91 198.9 158.4 237.6



#68
o-Xylene
Concen: 20.651 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX0137844.D
Acq: 07 Dec 2019 04:35 pm

Tgt Ion:106 Resp: 229200
Ion Ratio Lower Upper
106 100
91 207.2 106.4 319.2

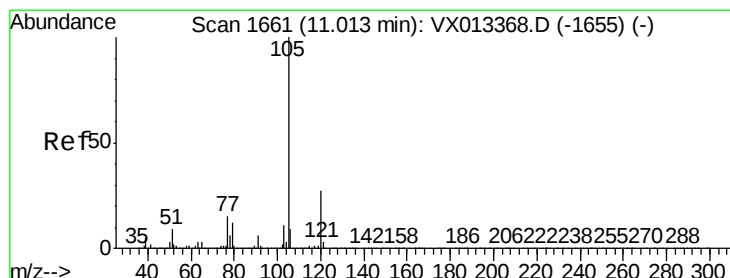
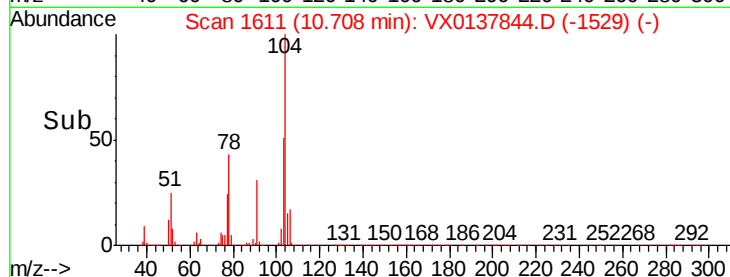
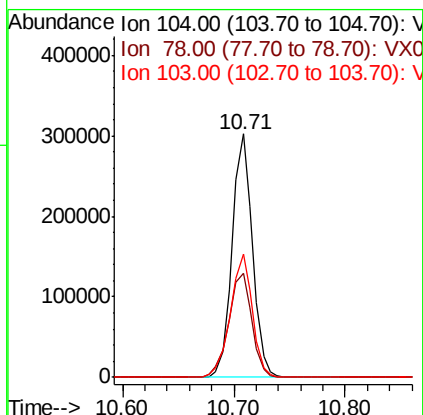
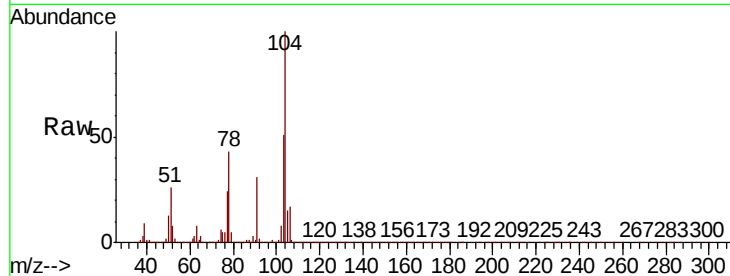




#69
Stvrene
Concen: 20.143 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX0137844.D
Acq: 07 Dec 2019 04:35 pm

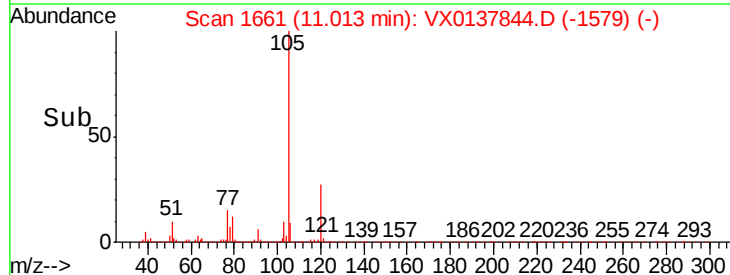
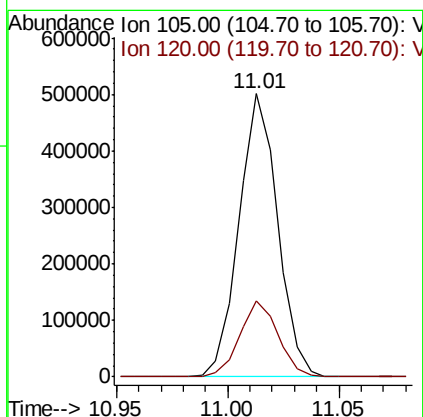
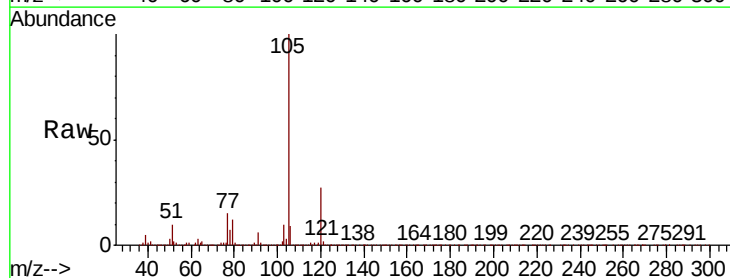
Instrument :
MSVOA_X
ClientSampleId :

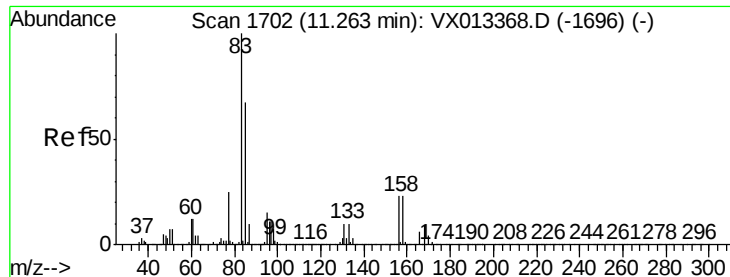
Tot Ion	Ratio	Lower	Upper
104	100		
78	48.7	38.2	57.4
103	54.5	43.2	64.8



#70
Isopropylbenzene
Concen: 20.719 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX0137844.D
Acq: 07 Dec 2019 04:35 pm

Tgt Ion	Ratio	Lower	Upper
105	100		
120	26.7	18.8	34.8





#71

1,1,2,2-Tetrachloroethane

Concen: 20.089 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX0137844.D

Acq: 07 Dec 2019 04:35 pm

Instrument :

MSVOA_X

ClientSampleId :

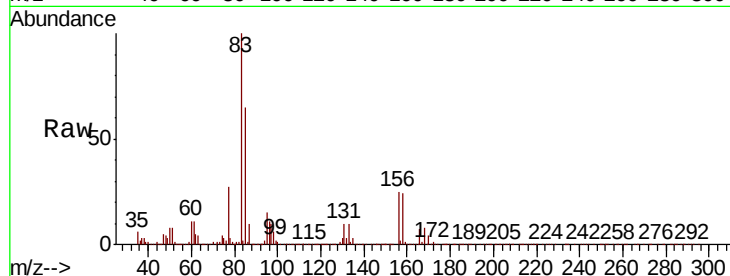
Tot Ion: 83 Resp: 210366

Ion Ratio Lower Upper

83 100

131 9.9 4.7 14.1

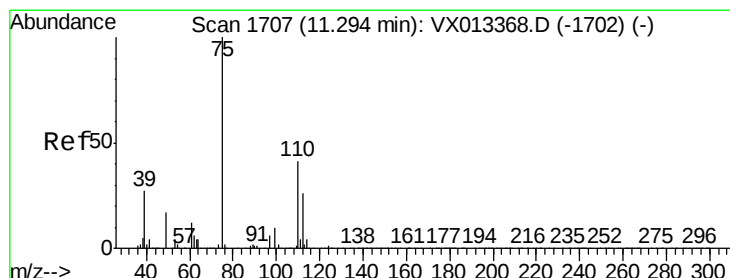
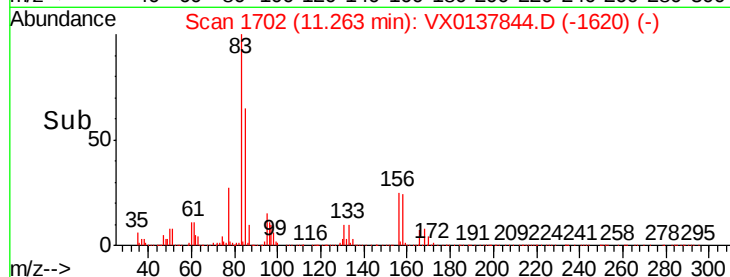
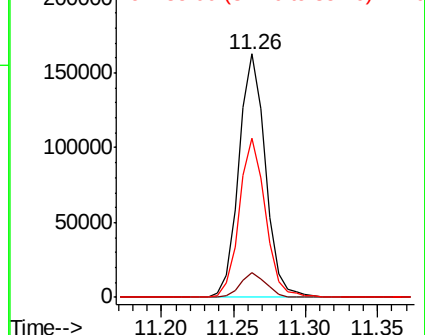
85 63.9 32.6 97.7



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 131.00 (130.70 to 131.70): V

Ion 85.00 (84.70 to 85.70): VX0



#72

1,2,3-Trichloropropane

Concen: 25.180 ug/l

RT: 11.29 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX0137844.D

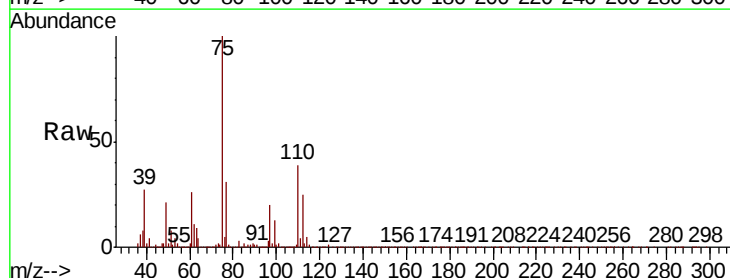
Acq: 07 Dec 2019 04:35 pm

Tgt Ion: 75 Resp: 222644

Ion Ratio Lower Upper

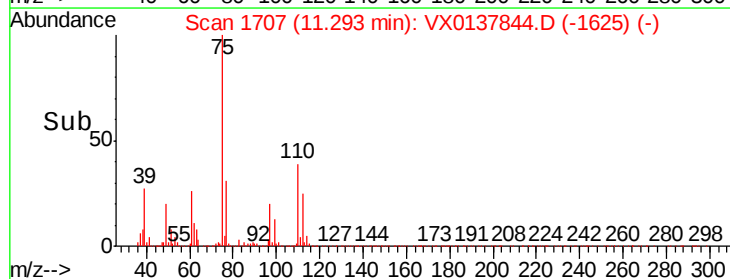
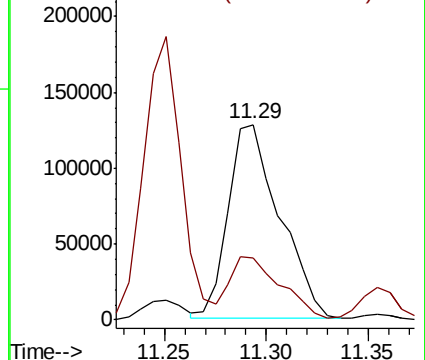
75 100

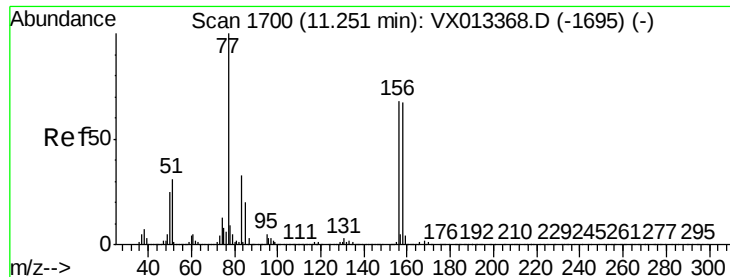
77 32.0 0.0 86.2



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0





#73

Bromobenzene

Concen: 20.479 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX0137844.D

Acq: 07 Dec 2019 04:35 pm

Instrument :

MSVOA_X

ClientSampleId :

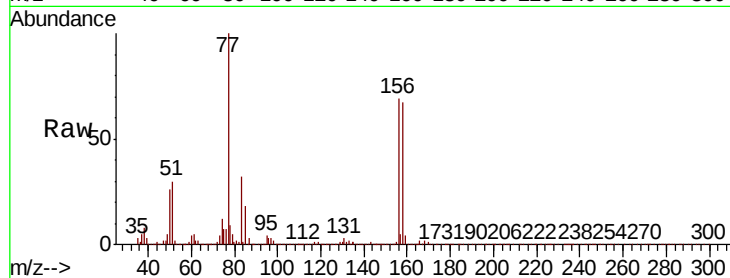
Tot Ion:156 Resp: 157945

Ion Ratio Lower Upper

156 100

77 149.6 0.0 308.8

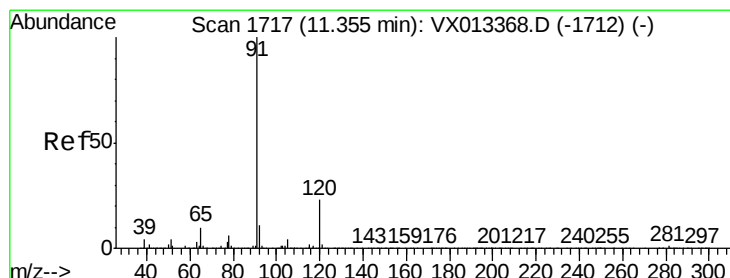
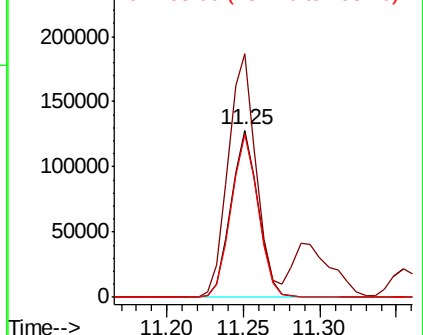
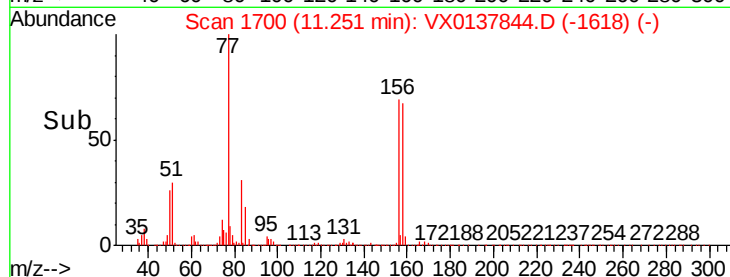
158 97.1 0.0 197.0



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 20.606 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX0137844.D

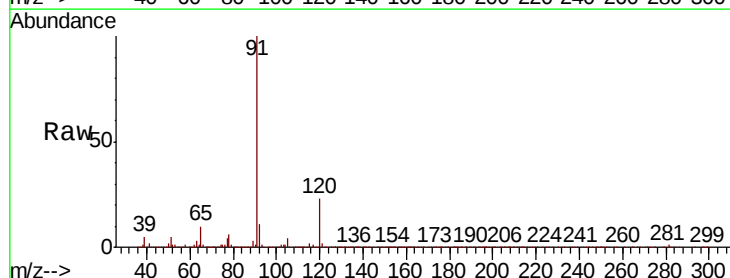
Acq: 07 Dec 2019 04:35 pm

Tgt Ion: 91 Resp: 684880

Ion Ratio Lower Upper

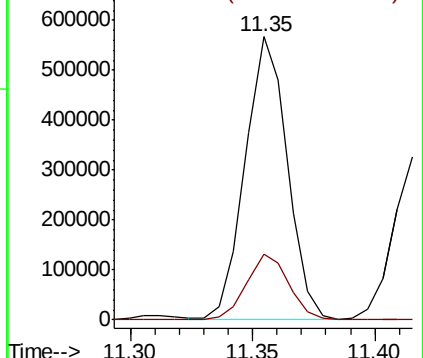
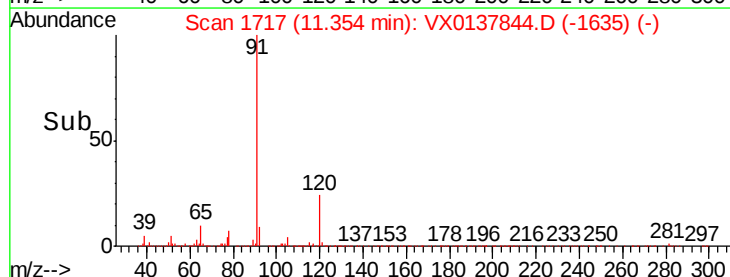
91 100

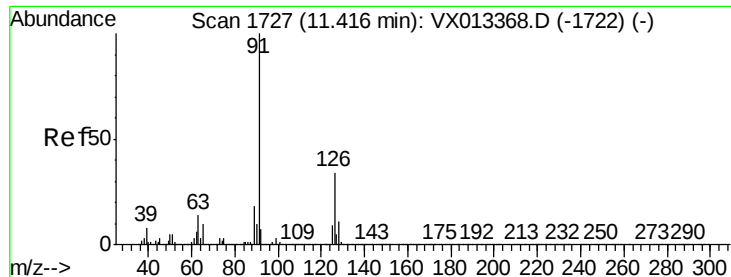
120 23.3 0.0 46.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 20.481 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VX0137844.D

Acq: 07 Dec 2019 04:35 pm

Instrument :

MSVOA_X

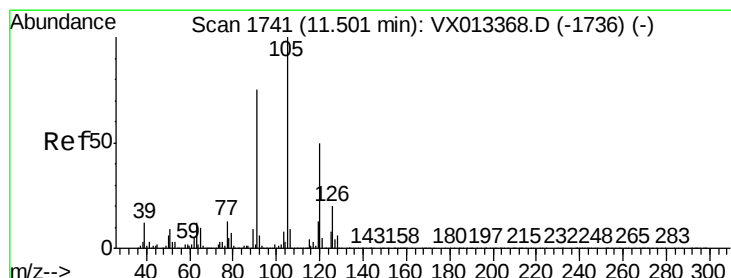
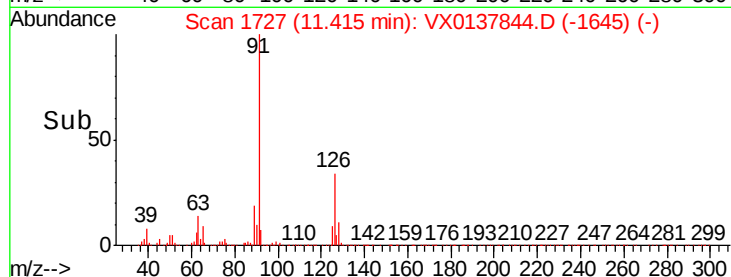
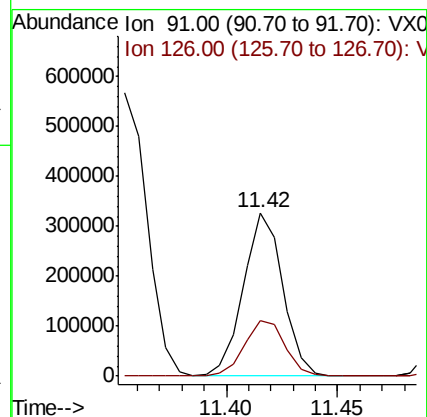
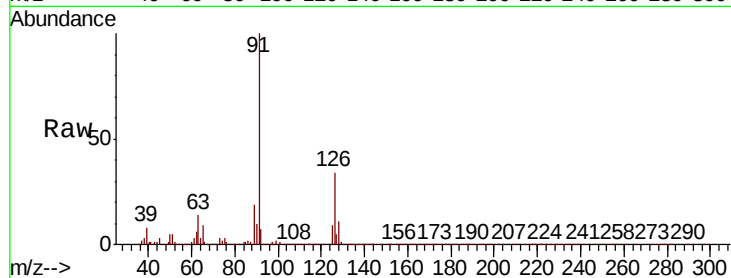
ClientSampleId :

Tot Ion: 91 Resp: 404793

Ion Ratio Lower Upper

91 100

126 35.1 0.0 69.0



#76

1,3,5-Trimethylbenzene

Concen: 20.296 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX0137844.D

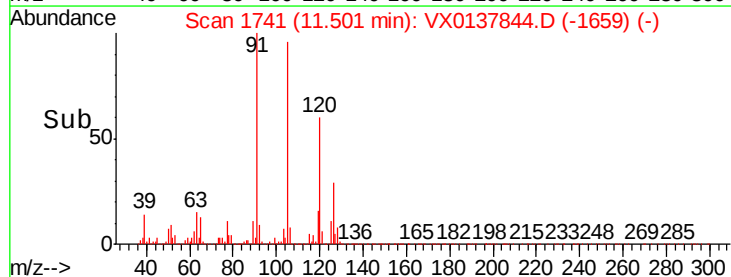
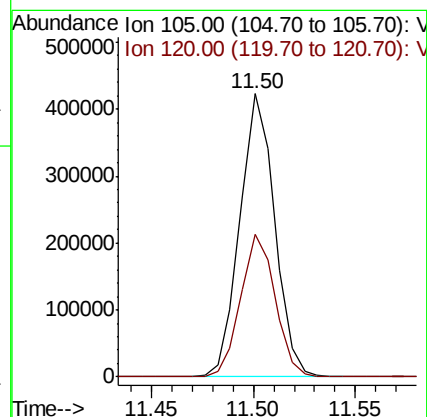
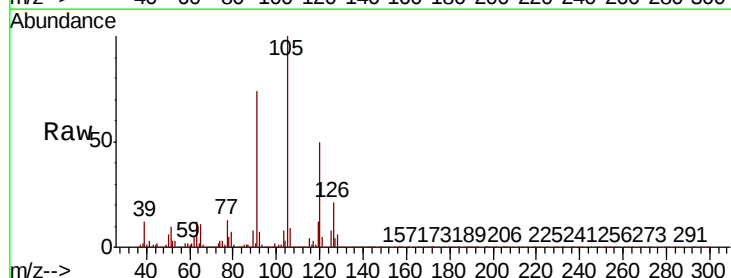
Acq: 07 Dec 2019 04:35 pm

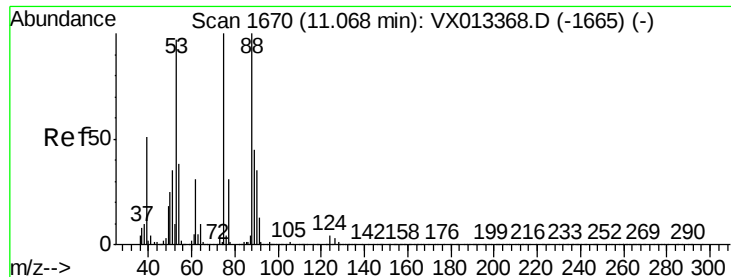
Tgt Ion: 105 Resp: 498929

Ion Ratio Lower Upper

105 100

120 50.1 0.0 100.0





#77

t-1,4-Dichloro-2-butene

Concen: 17.201 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VX0137844.D

Acq: 07 Dec 2019 04:35 pm

Instrument :

MSVOA_X

ClientSampled :

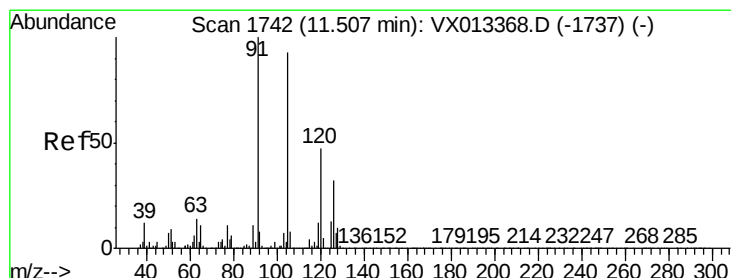
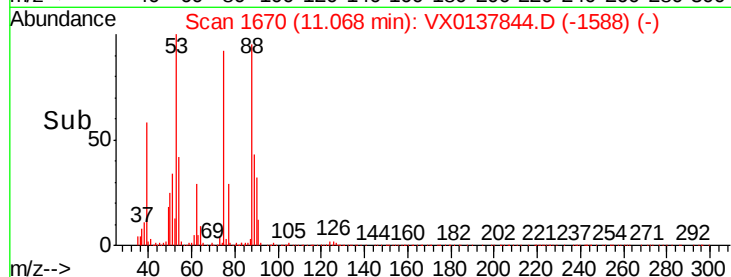
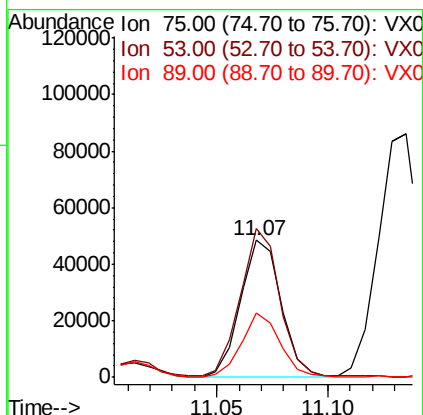
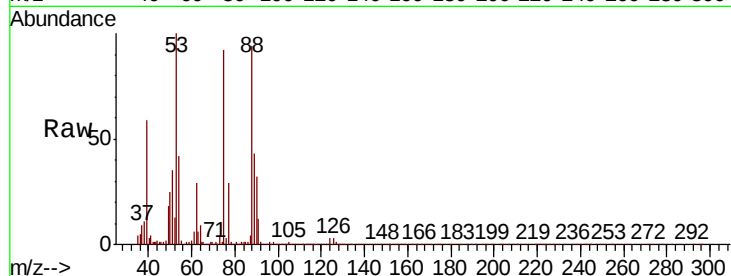
Tot Ion: 75 Resp: 61498

Ion Ratio Lower Upper

75 100

53 108.2 48.8 146.3

89 47.0 22.3 66.8



#78

4-Chlorotoluene

Concen: 20.303 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VX0137844.D

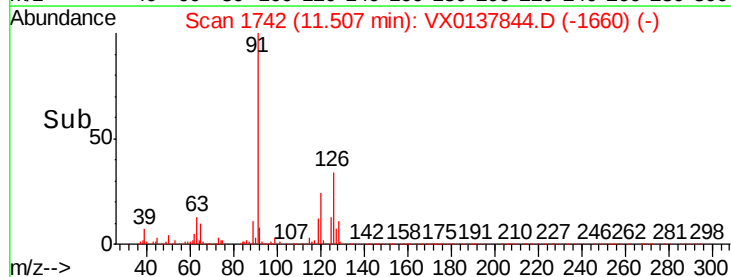
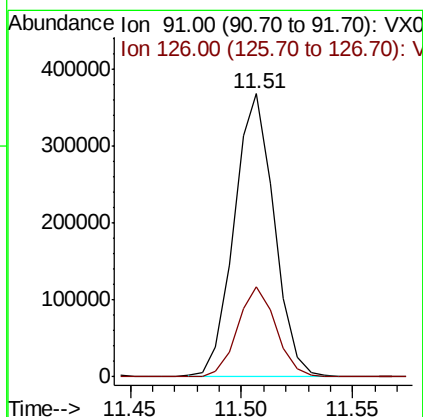
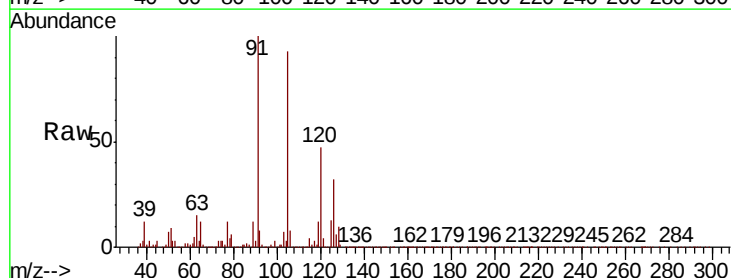
Acq: 07 Dec 2019 04:35 pm

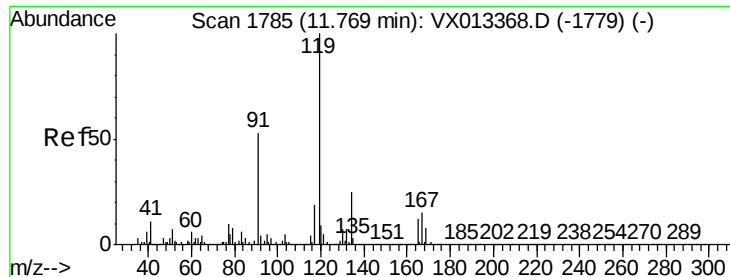
Tgt Ion: 91 Resp: 459751

Ion Ratio Lower Upper

91 100

126 30.6 0.0 61.0





#79

tert-butylbenzene

Concen: 20.268 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. -0.01 min

Lab File: VX0137844.D

Acq: 07 Dec 2019 04:35 pm

Instrument :

MSVOA_X

ClientSampleId :

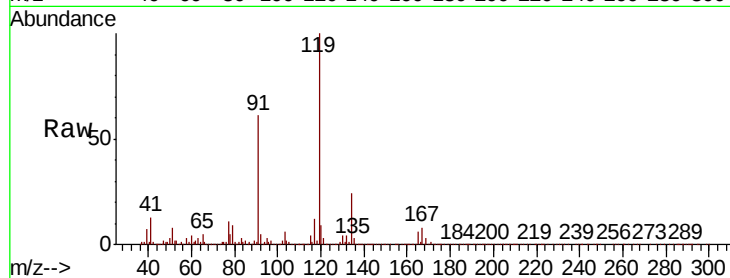
Tot Ion:119 Resp: 502709

Ion Ratio Lower Upper

119 100

91 54.8 0.0 109.6

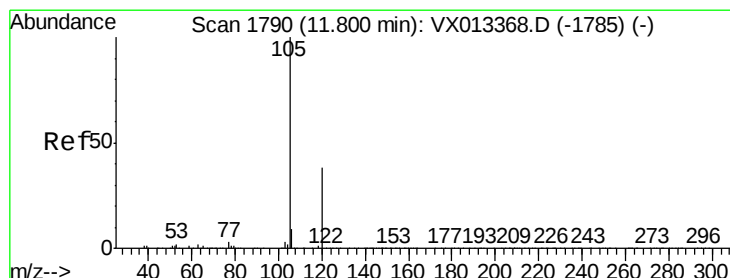
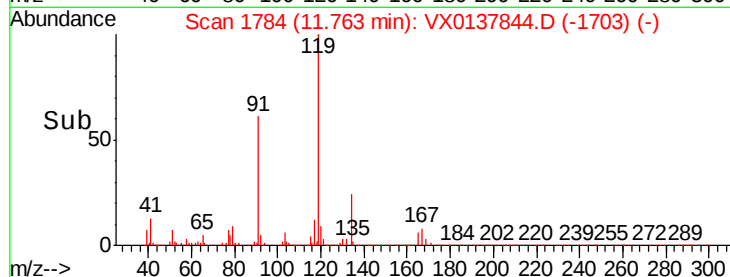
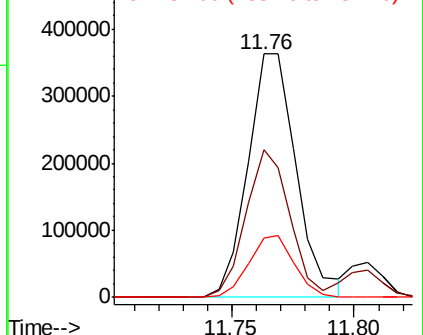
134 24.0 0.0 47.8



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



#80

1,2,4-Trimethylbenzene

Concen: 20.336 ug/l

RT: 11.80 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VX0137844.D

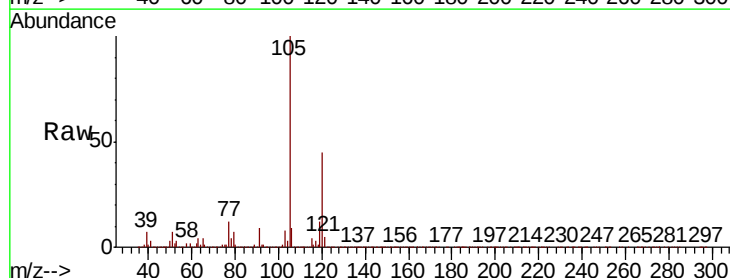
Acq: 07 Dec 2019 04:35 pm

Tgt Ion:105 Resp: 498185

Ion Ratio Lower Upper

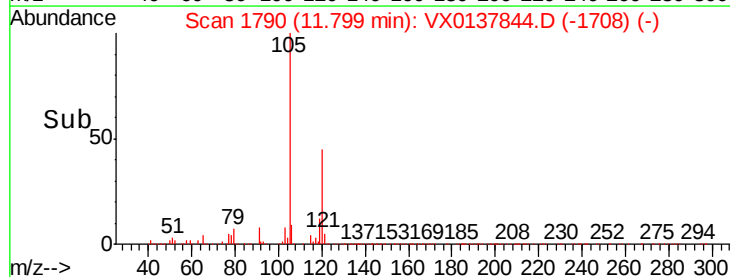
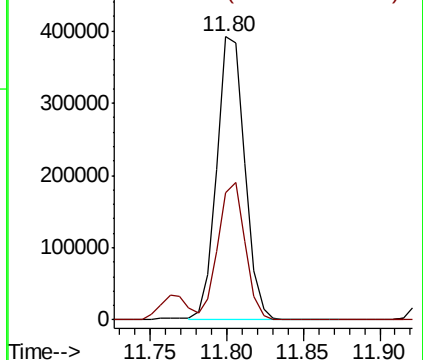
105 100

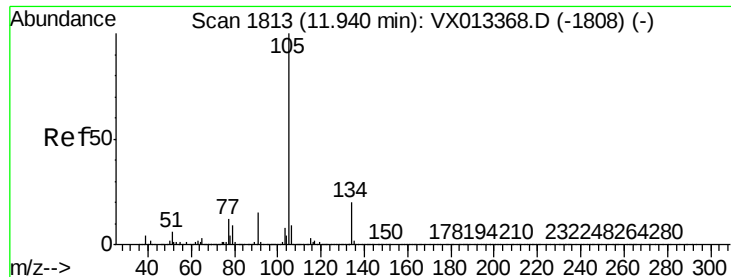
120 46.9 0.0 94.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

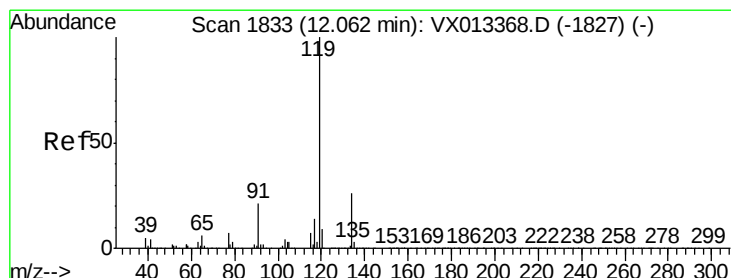
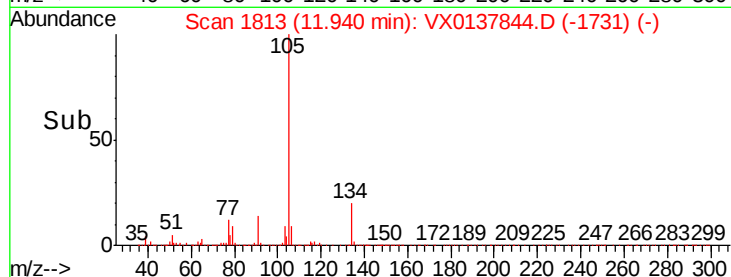
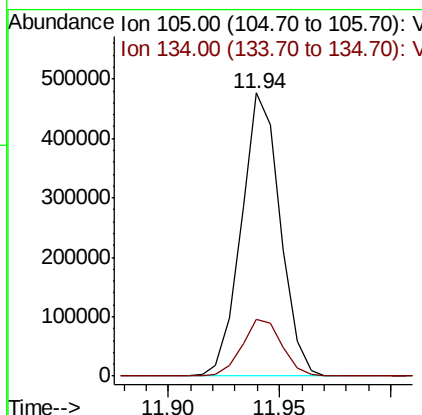
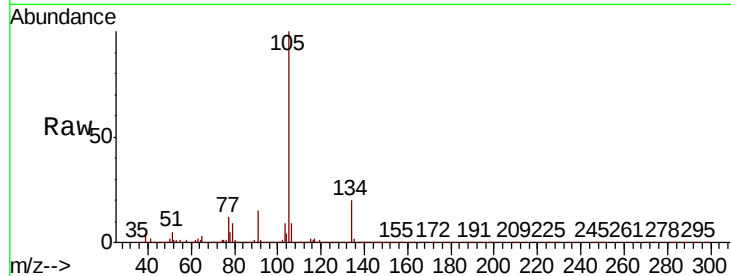




#81
 sec-Butylbenzene
 Concen: 20.458 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. -0.00 min
 Lab File: VX0137844.D
 Acq: 07 Dec 2019 04:35 pm

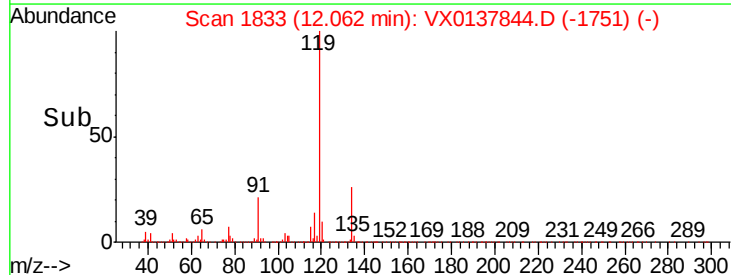
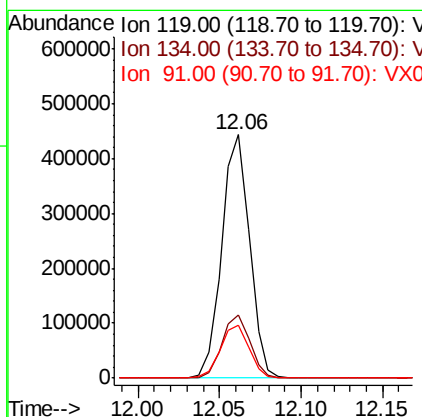
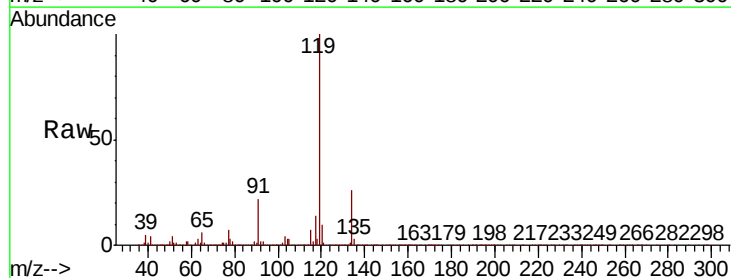
Instrument :
 MSVOA_X
 ClientSampleId :

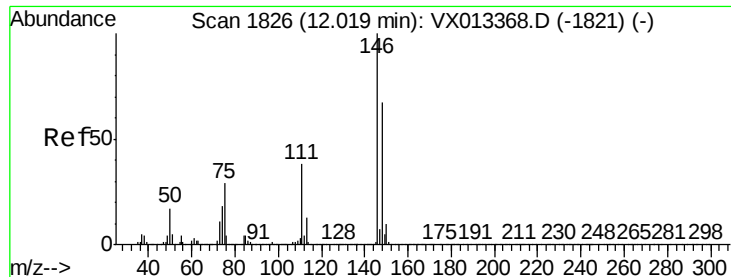
Tot Ion:105 Resp: 578916
 Ion Ratio Lower Upper
 105 100
 134 20.3 0.0 41.2



#82
 p-Isopropyltoluene
 Concen: 20.172 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. -0.00 min
 Lab File: VX0137844.D
 Acq: 07 Dec 2019 04:35 pm

Tgt Ion:119 Resp: 525945
 Ion Ratio Lower Upper
 119 100
 134 26.1 0.0 51.6
 91 22.2 0.0 44.2

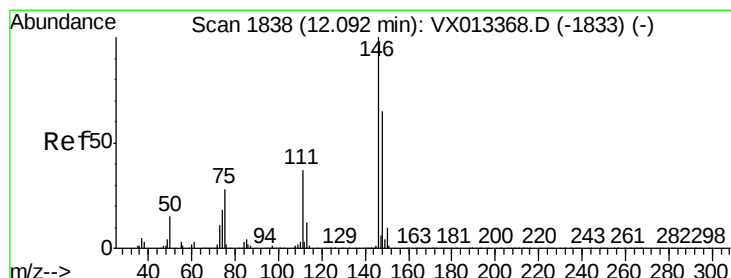
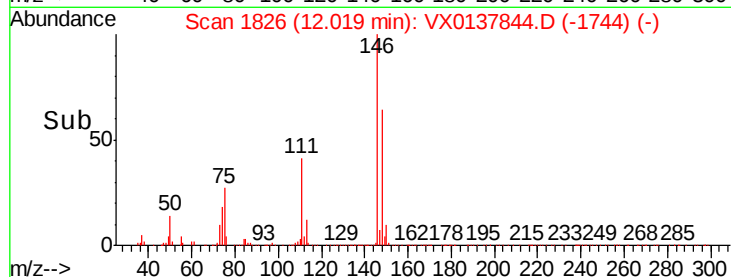
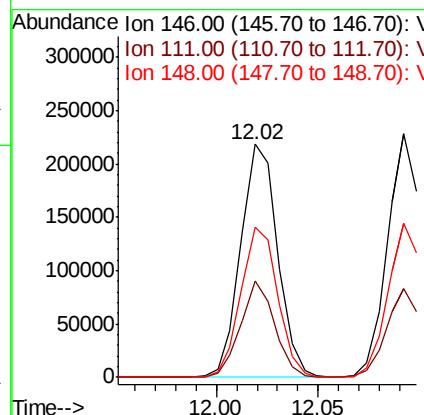
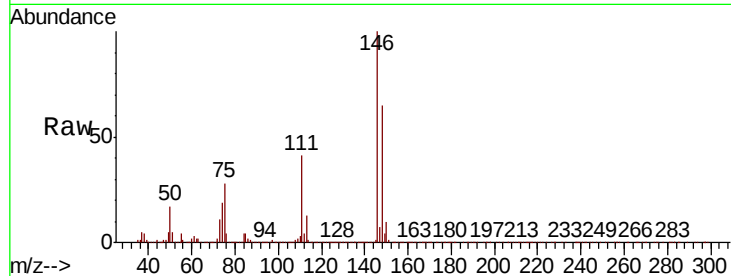




#83
 1,3-Dichlorobenzene
 Concen: 20.231 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX0137844.D
 Acq: 07 Dec 2019 04:35 pm

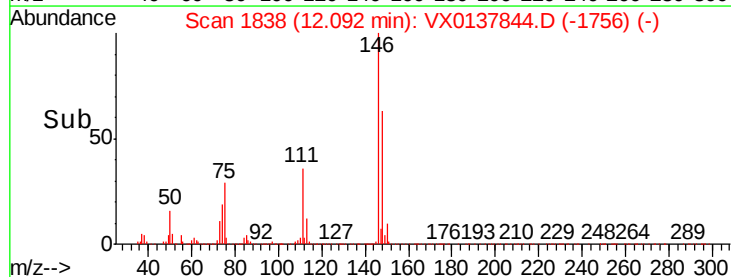
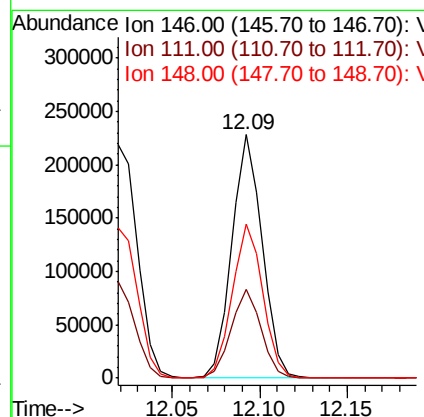
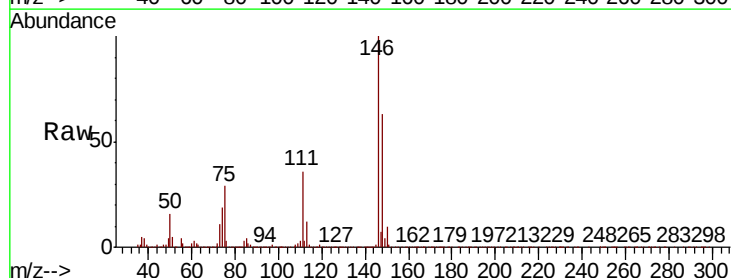
Instrument :
 MSVOA_X
 ClientSampleId :

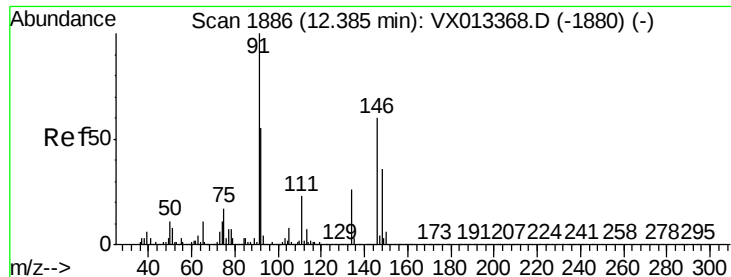
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.3	18.8	56.3
148	64.2	32.3	96.9



#84
 1,4-Dichlorobenzene
 Concen: 20.488 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX0137844.D
 Acq: 07 Dec 2019 04:35 pm

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.2	18.6	55.6
148	63.5	32.5	97.4

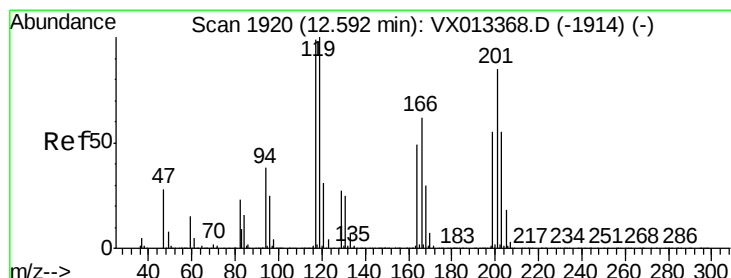
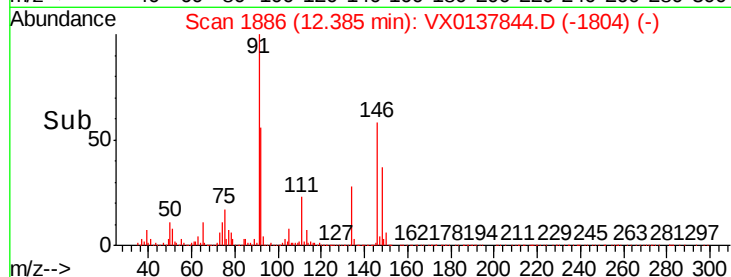
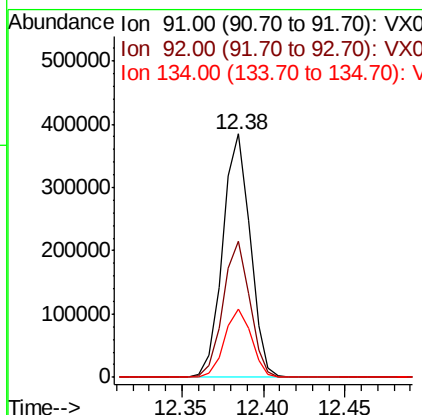
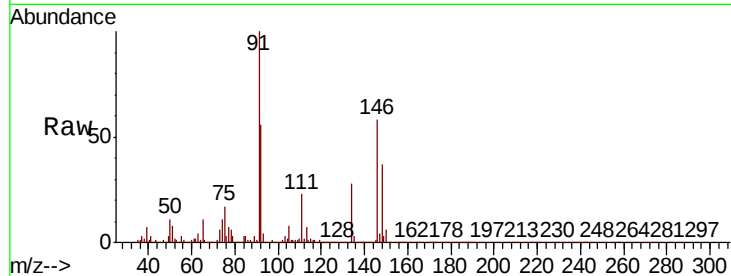




#85
n-Butylbenzene
Concen: 19.997 ug/l
RT: 12.38 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX0137844.D
Acq: 07 Dec 2019 04:35 pm

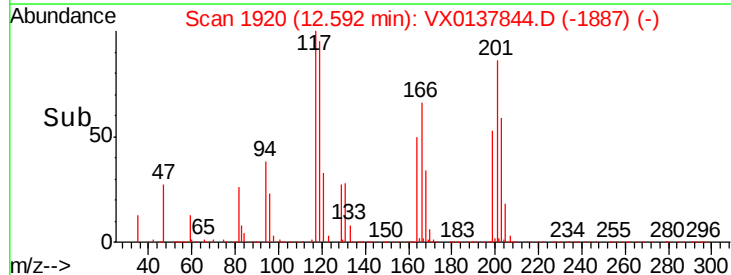
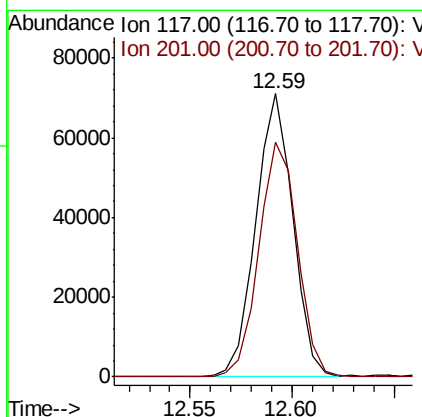
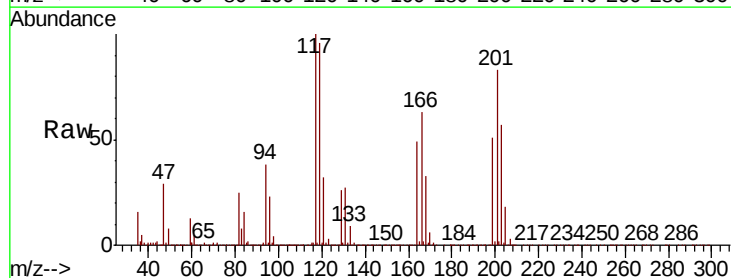
Instrument :
MSVOA_X
ClientSampleId :

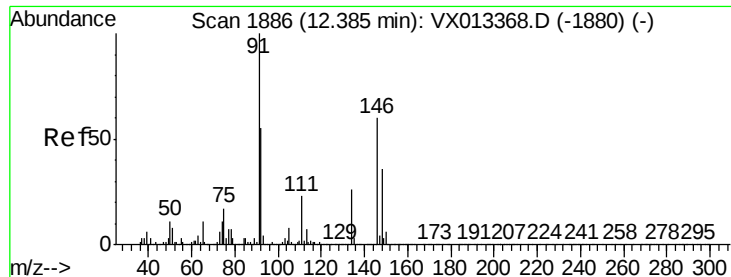
Tot Ion	Ratio	Lower	Upper
91	100		
92	54.3	0.0	109.0
134	27.5	0.0	53.0



#86
Hexachloroethane
Concen: 18.788 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX0137844.D
Acq: 07 Dec 2019 04:35 pm

Tgt Ion	Ratio	Lower	Upper
117	100		
201	86.3	44.5	133.3





#87

1,2-Dichlorobenzene

Concen: 20.419 ug/l

RT: 12.38 min Scan# 1886

Delta R.T. -0.00 min

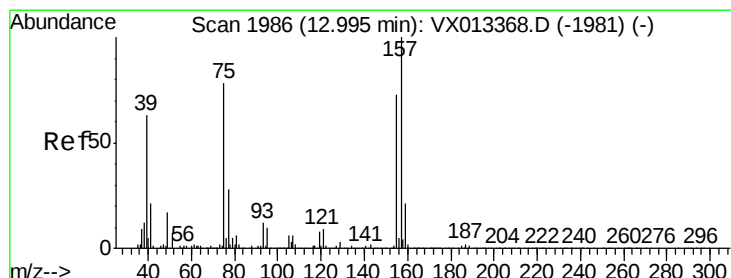
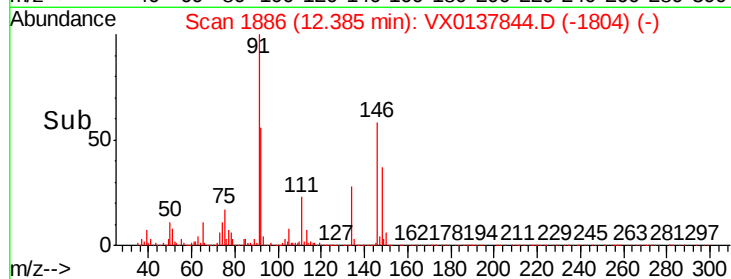
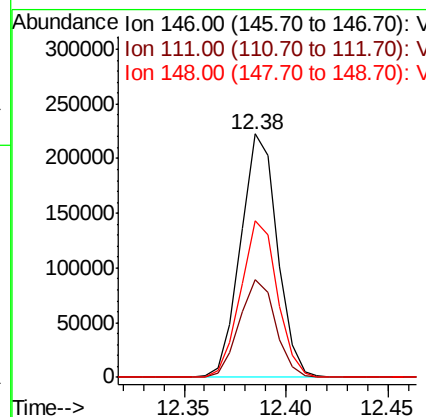
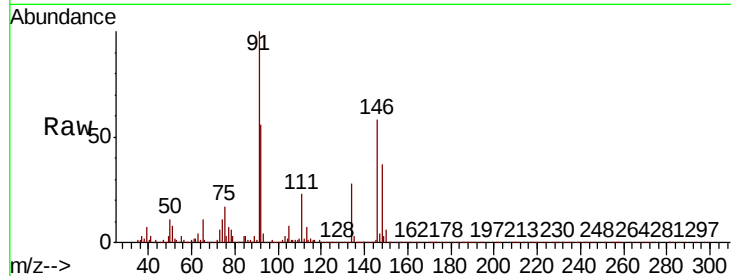
Lab File: VX0137844.D

Acq: 07 Dec 2019 04:35 pm

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:146 Resp: 276856

Ion	Ratio	Lower	Upper
146	100		
111	39.8	19.6	58.7
148	64.5	31.6	94.7



#88

1,2-Dibromo-3-Chloropropane

Concen: 18.345 ug/l

RT: 12.99 min Scan# 1986

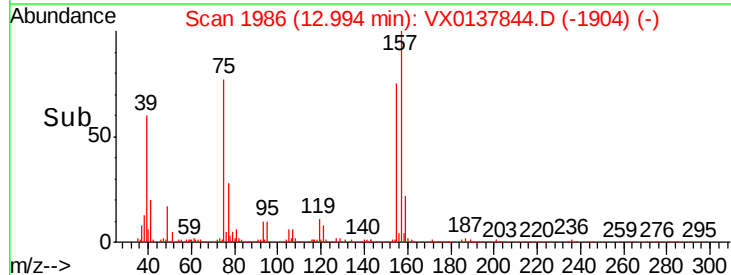
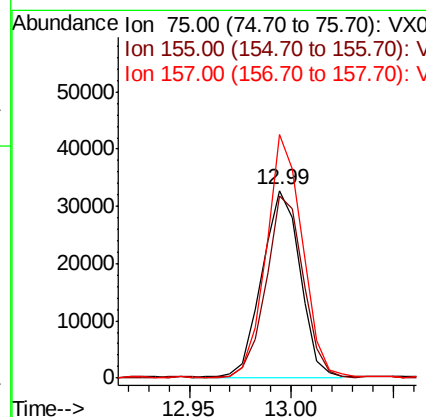
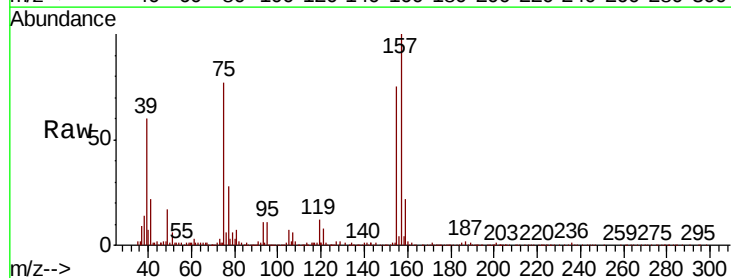
Delta R.T. -0.00 min

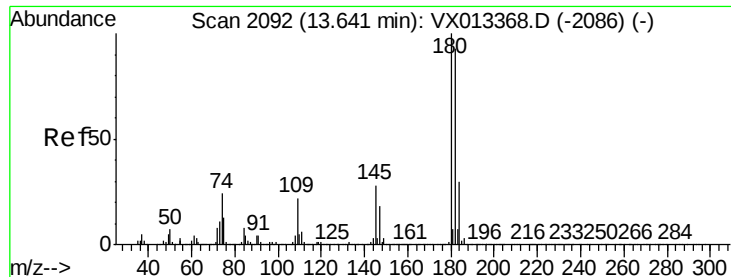
Lab File: VX0137844.D

Acq: 07 Dec 2019 04:35 pm

Tgt Ion: 75 Resp: 42961

Ion	Ratio	Lower	Upper
75	100		
155	94.5	76.9	115.3
157	122.0	101.2	151.8





#89

1,2,4-Trichlorobenzene

Concen: 19.858 ug/l

RT: 13.64 min Scan# 2092

Delta R.T. -0.00 min

Lab File: VX0137844.D

Acq: 07 Dec 2019 04:35 pm

Instrument :

MSVOA_X

ClientSampleId :

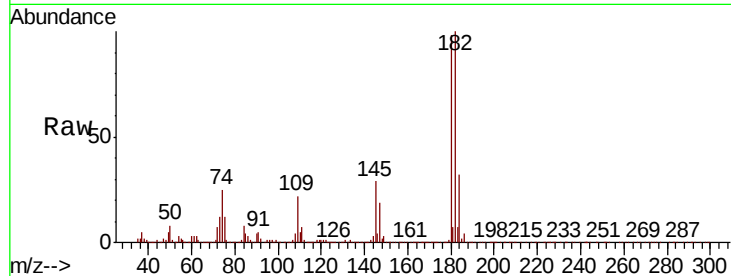
Tot Ion:180 Resp: 185652

Ion Ratio Lower Upper

180 100

182 95.9 74.7 112.1

145 28.9 22.1 33.1

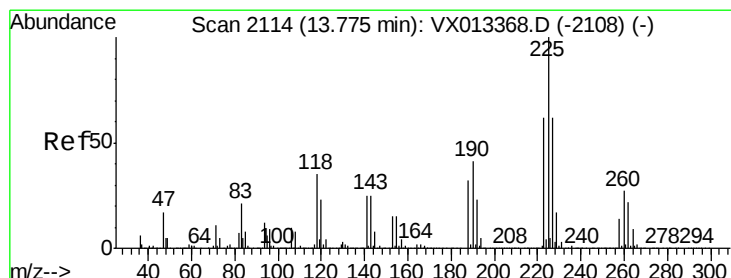
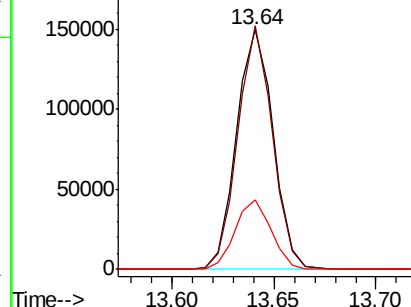
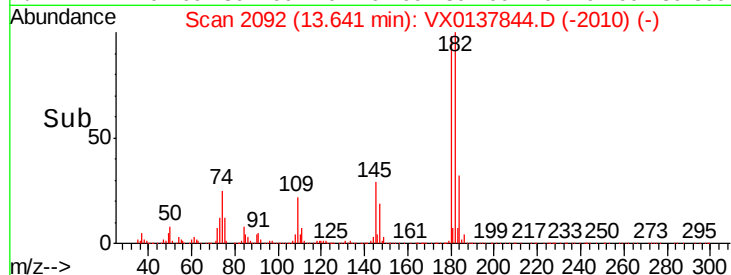


Abundance

Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V



#90

Hexachlorobutadiene

Concen: 18.407 ug/l

RT: 13.77 min Scan# 2114

Delta R.T. -0.00 min

Lab File: VX0137844.D

Acq: 07 Dec 2019 04:35 pm

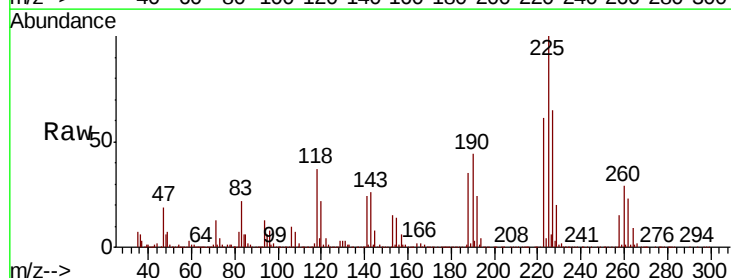
Tgt Ion:225 Resp: 82461

Ion Ratio Lower Upper

225 100

223 62.8 0.0 123.0

227 63.6 0.0 121.8

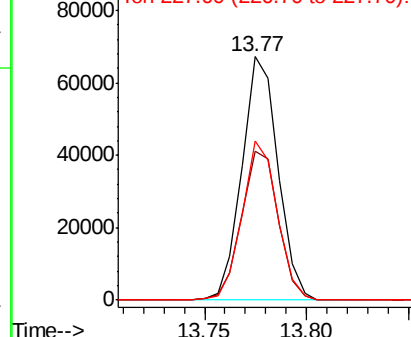
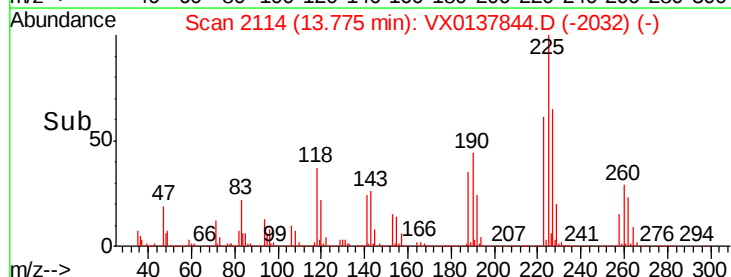


Abundance

Ion 225.00 (224.70 to 225.70): V

Ion 223.00 (222.70 to 223.70): V

Ion 227.00 (226.70 to 227.70): V

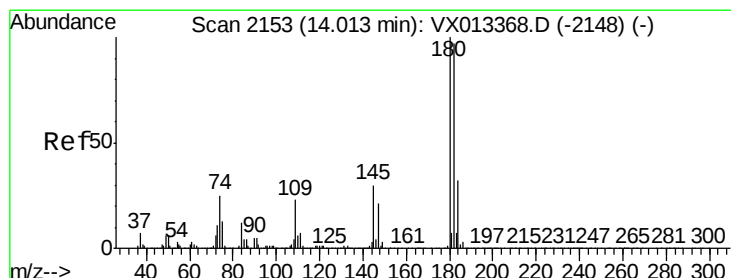
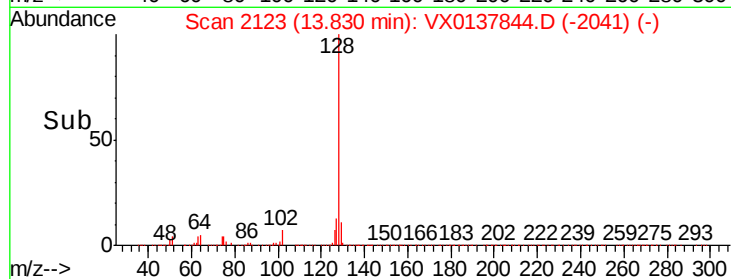
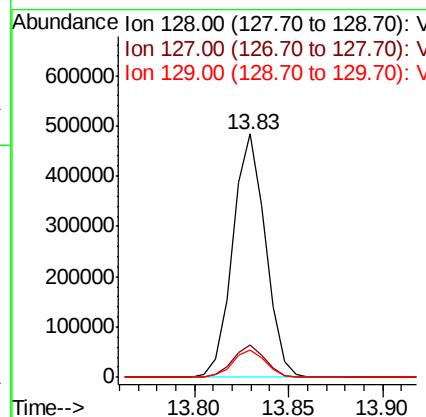
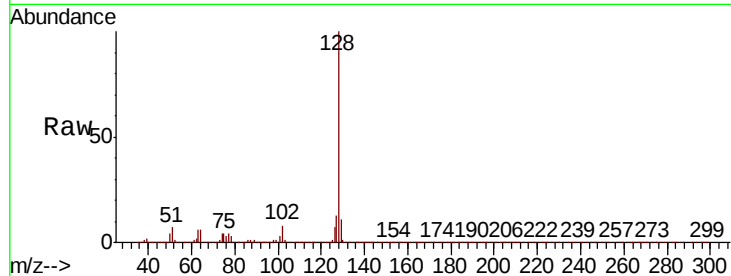




#91
Naphthalene
Concen: 19.658 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX0137844.D
Acq: 07 Dec 2019 04:35 pm

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.2	15.2
129	11.1	8.8	13.2



#92
1,2,3-Trichlorobenzene
Concen: 19.804 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.00 min
Lab File: VX0137844.D
Acq: 07 Dec 2019 04:35 pm

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.0	0.0	191.0
145	30.6	0.0	59.0

