

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120619\
 Data File : VX013815.D
 Acq On : 06 Dec 2019 22:04
 Operator : JC/SP
 Sample : VX1206WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1206WBSD02

Manual Integrations
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 12/9/2019 9:08:14 AM

Quant Time: Dec 07 04:53:55 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 26 15:53:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	600207	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	917174	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	818489	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	402037	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	308461	44.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.54%	
35) Dibromofluoromethane	5.49	113	255765	45.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.22%	
50) Toluene-d8	8.71	98	984371	44.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.12%	
62) 4-Bromofluorobenzene	11.14	95	351313	44.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.20%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	119623	17.906	ug/l	100
3) Chloromethane	1.32	50	139090	18.555	ug/l	97
4) Vinyl Chloride	1.40	62	162612	19.273	ug/l	97
5) Bromomethane	1.63	94	97302	17.173	ug/l	97
6) Chloroethane	1.72	64	88853	18.507	ug/l	98
7) Trichlorofluoromethane	1.92	101	174728	18.650	ug/l	99
8) Diethyl Ether	2.18	74	83644	19.735	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	105457	18.429	ug/l	97
10) Methyl Iodide	2.50	142	121126	17.498	ug/l	99
11) Tert butyl alcohol	3.03	59	149534	86.954	ug/l	100
12) 1,1-Dichloroethene	2.36	96	108905	19.066	ug/l	97
13) Acrolein	2.28	56	94858	86.502	ug/l	97
14) Allyl chloride	2.72	41	189159	18.248	ug/l	99
15) Acrylonitrile	3.13	53	336410	94.770	ug/l	99
16) Acetone	2.43	43	380511	110.623	ug/l	99
17) Carbon Disulfide	2.56	76	273841	16.817	ug/l	100
18) Methyl Acetate	2.76	43	197883	20.660	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	370075	19.557	ug/l	99
20) Methylene Chloride	2.85	84	125841	19.043	ug/l	96
21) trans-1,2-Dichloroethene	3.15	96	116178	18.670	ug/l	99
22) Diisopropyl ether	3.84	45	391476	19.613	ug/l	98
23) Vinyl Acetate	3.80	43	1259095	75.829	ug/l	100
24) 1,1-Dichloroethane	3.69	63	216162	19.811	ug/l	99
25) 2-Butanone	4.66	43	512321	100.218	ug/l	100
26) 2,2-Dichloropropane	4.58	77	136477	15.118	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	135493	18.961	ug/l	97
28) Bromochloromethane	5.01	49	90157	20.902	ug/l	99
29) Tetrahydrofuran	5.12	42	302533	95.998	ug/l	99
30) Chloroform	5.20	83	207959	18.793	ug/l	100
31) Cyclohexane	5.57	56	181419	17.628	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	175850	19.016	ug/l	100
36) 1,1-Dichloropropene	5.79	75	153492	18.436	ug/l	98
37) Ethyl Acetate	4.82	43	175855	18.828	ug/l	99
38) Carbon Tetrachloride	5.78	117	146969	19.144	ug/l	98

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	179953	17.486	ug/l	97
40) Benzene	6.14	78	484103	19.091	ug/l	99
41) Methacrylonitrile	5.03	41	98666	19.262	ug/l	99
42) 1,2-Dichloroethane	6.18	62	168393	19.472	ug/l	99
43) Isopropyl Acetate	6.43	43	288603	18.769	ug/l	99
44) Trichloroethene	7.21	130	134370	19.308	ug/l	91
45) 1,2-Dichloropropane	7.51	63	129185	20.362	ug/l	97
46) Dibromomethane	7.65	93	81338	18.877	ug/l	99
47) Bromodichloromethane	7.89	83	158609	19.471	ug/l	98
48) Methyl methacrylate	7.76	41	143751	19.241	ug/l	98
49) 1,4-Dioxane	7.73	88	57203	342.053	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	941316	97.320	ug/l	99
52) Toluene	8.78	92	300009	19.045	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	166128	17.917	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	185156	18.278	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	124916	19.678	ug/l	95
56) Ethyl methacrylate	9.17	69	194327	19.040	ug/l	100
57) 1,3-Dichloropropane	9.37	76	214614	19.614	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	369775	92.407	ug/l	99
59) 2-Hexanone	9.49	43	731635	96.986	ug/l	99
60) Dibromochloromethane	9.57	129	127067	19.288	ug/l	98
61) 1,2-Dibromoethane	9.67	107	130631	19.267	ug/l	99
64) Tetrachloroethene	9.33	164	178853	29.302	ug/l	97
65) Chlorobenzene	10.14	112	323049	19.010	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	119857	19.642	ug/l	99
67) Ethyl Benzene	10.25	91	566794	19.410	ug/l	98
68) m/p-Xylenes	10.35	106	431304	38.578	ug/l	100
69) o-Xylene	10.70	106	209535	19.217	ug/l	96
70) Styrene	10.71	104	352232	19.204	ug/l	99
71) Bromoform	10.85	173	93371	18.493	ug/l #	99
73) Isopropylbenzene	11.01	105	554408	19.659	ug/l	100
74) N-amyl acetate	10.89	43	247221	19.137	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	189266	19.352	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	179214m	19.819	ug/l	
77) Bromobenzene	11.25	156	147508	19.361	ug/l	99
78) n-propylbenzene	11.35	91	618267	19.639	ug/l	100
79) 2-Chlorotoluene	11.42	91	372772	19.739	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	462994	20.031	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	54554	16.505	ug/l	95
82) 4-Chlorotoluene	11.51	91	422689	19.325	ug/l	99
83) tert-Butylbenzene	11.76	119	403490	17.177	ug/l	90
84) 1,2,4-Trimethylbenzene	11.81	105	463640	19.765	ug/l	100
85) sec-Butylbenzene	11.94	105	528718	19.706	ug/l	100
86) p-Isopropyltoluene	12.06	119	489845	19.625	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	252722	19.029	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	251838	18.617	ug/l	99
89) n-Butylbenzene	12.38	91	402410	18.902	ug/l	100
90) Hexachloroethane	12.59	117	83122	18.424	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	255730	19.489	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	40584	19.056	ug/l	96

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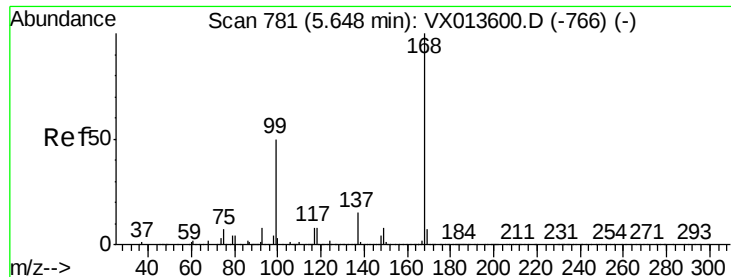
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	164523	17.991	ug/l	97
94) Hexachlorobutadiene	13.77	225	80320	18.283	ug/l	99
95) Naphthalene	13.83	128	522765	19.195	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	173332	19.143	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX013815.D

Acq: 06 Dec 2019 22:04

Instrument :

MSVOA_X

ClientSampleId :

VX1206WBSD02

Tot Ion:168 Resp: 600207

Ion Ratio Lower Upper

168 100

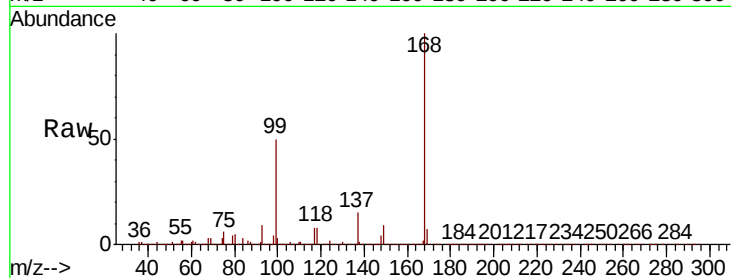
99 50.2 39.8 59.8

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

200000

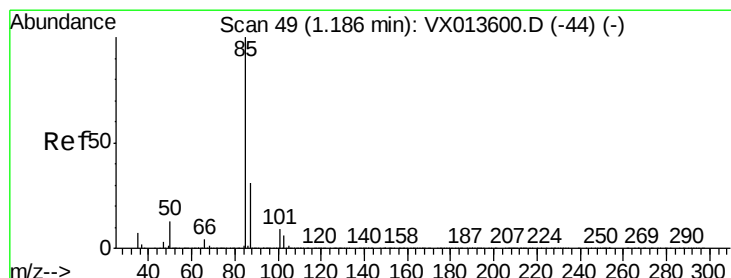
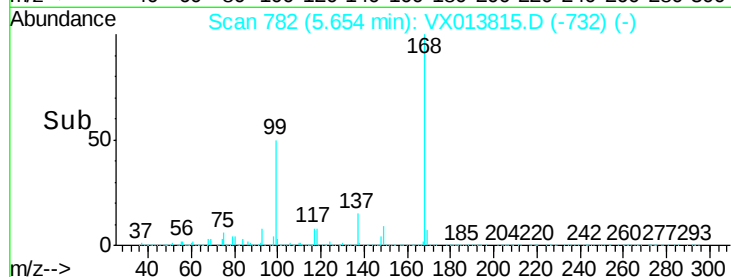
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 17.906 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.01 min

Lab File: VX013815.D

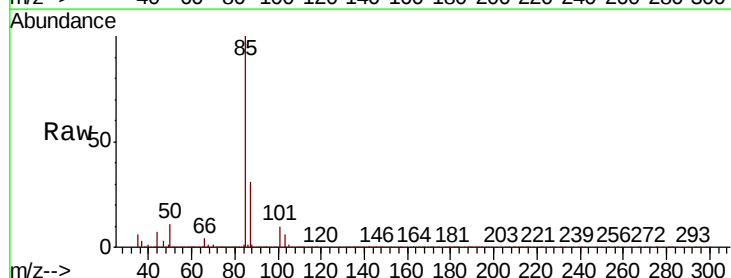
Acq: 06 Dec 2019 22:04

Tgt Ion: 85 Resp: 119623

Ion Ratio Lower Upper

85 100

87 31.1 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

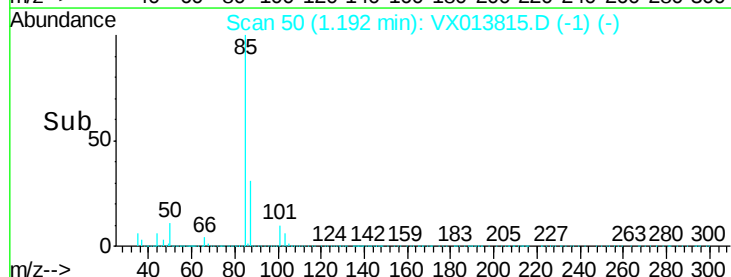
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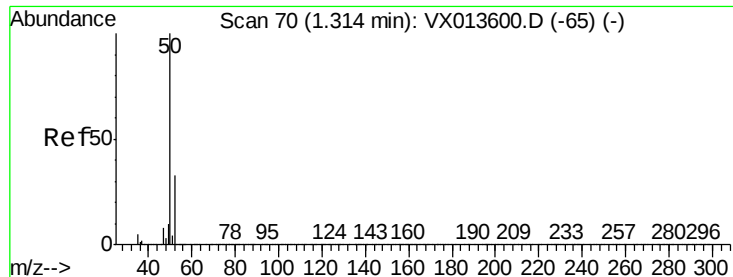
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50000

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Time-->





#3

Chloromethane

Concen: 18.555 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.01 min

Lab File: VX013815.D

Acq: 06 Dec 2019 22:04

Instrument :

MSVOA_X

ClientSampleId :

VX1206WBSD02

Tot Ion: 50 Resp: 139090

Ion Ratio Lower Upper

50 100

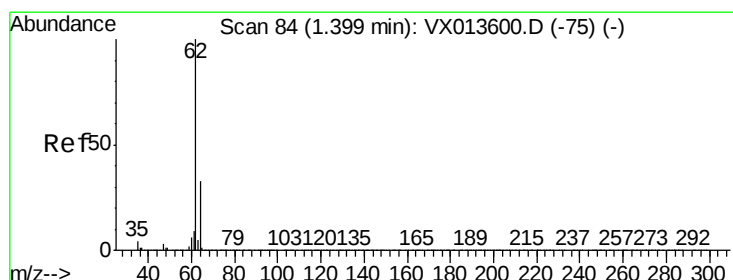
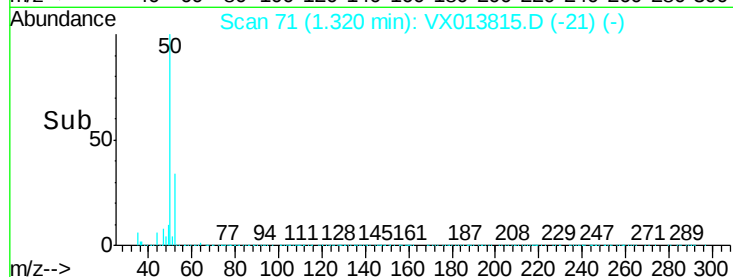
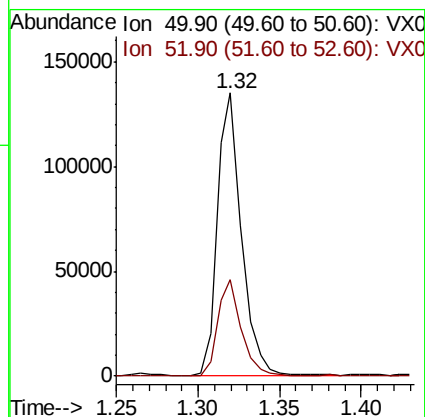
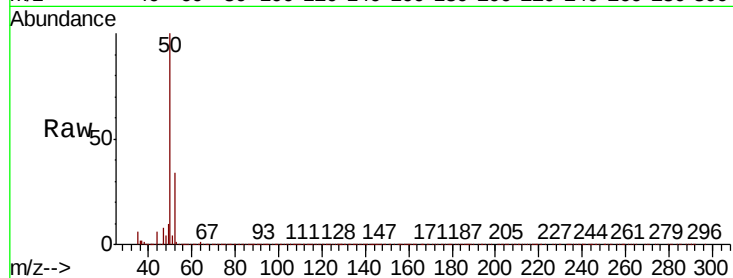
52 33.9 26.0 39.0

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#4

Vinyl Chloride

Concen: 19.273 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX013815.D

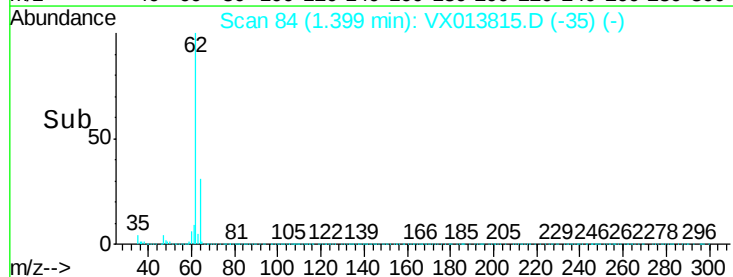
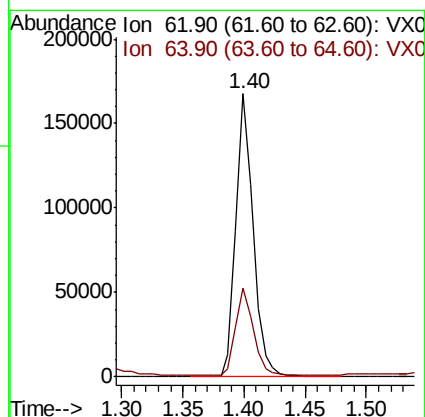
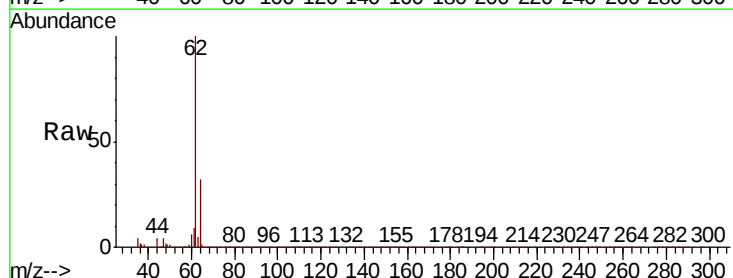
Acq: 06 Dec 2019 22:04

Tgt Ion: 62 Resp: 162612

Ion Ratio Lower Upper

62 100

64 30.9 26.0 39.0





#5

Bromomethane

Concen: 17.173 ug/l

RT: 1.63 min Scan# 122

Delta R.T. -0.00 min

Lab File: VX013815.D

Acq: 06 Dec 2019 22:04

Instrument :

MSVOA_X

ClientSampleId :

VX1206WBSD02

Tot Ion: 94 Resp: 97302

Ion Ratio Lower Upper

94 100

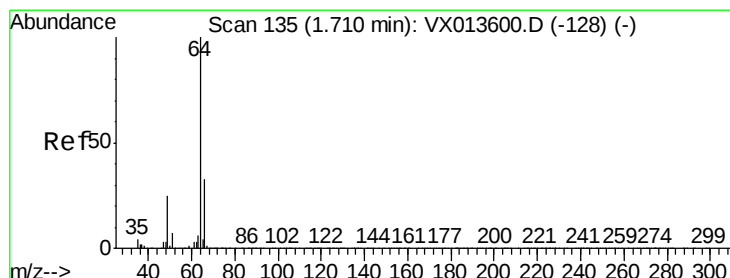
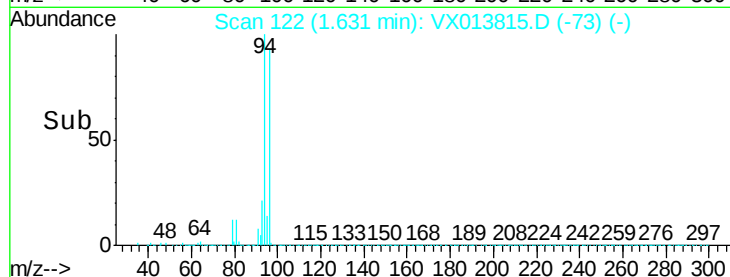
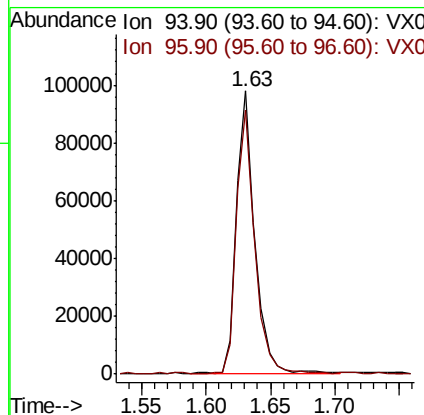
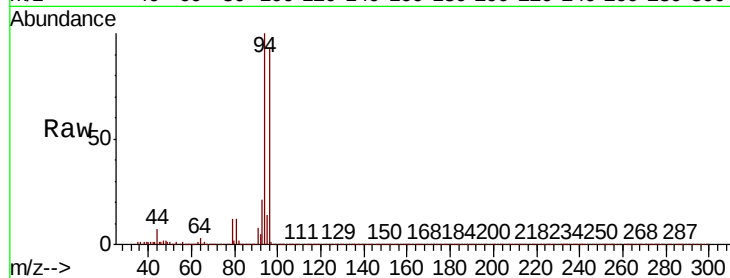
96 93.4 77.0 115.4

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#6

Chloroethane

Concen: 18.507 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX013815.D

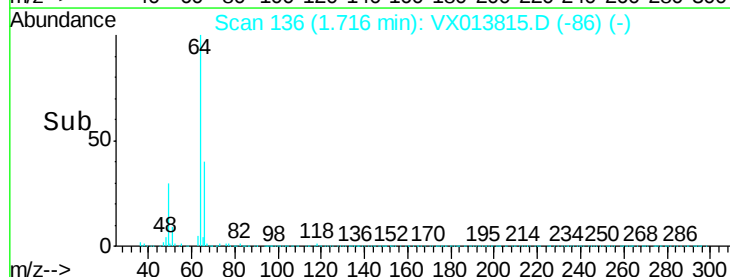
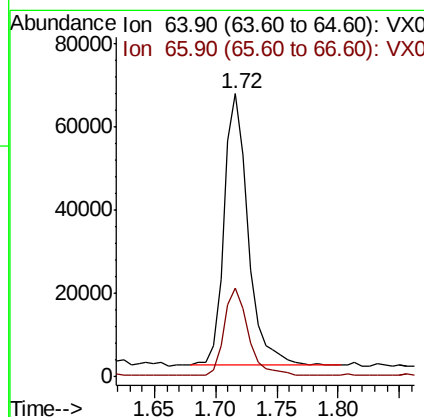
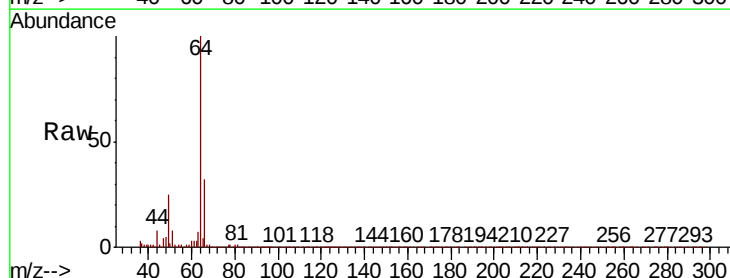
Acq: 06 Dec 2019 22:04

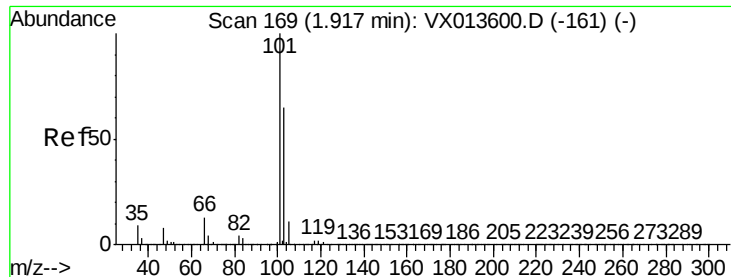
Tgt Ion: 64 Resp: 88853

Ion Ratio Lower Upper

64 100

66 32.2 26.7 40.1





#7

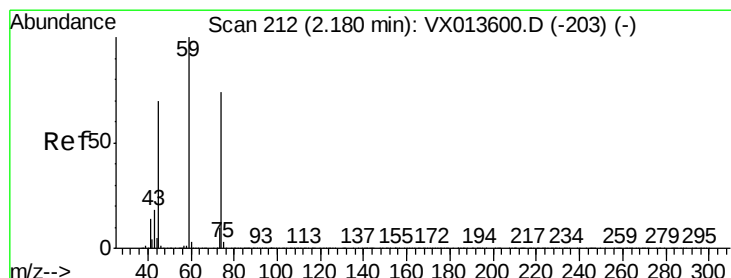
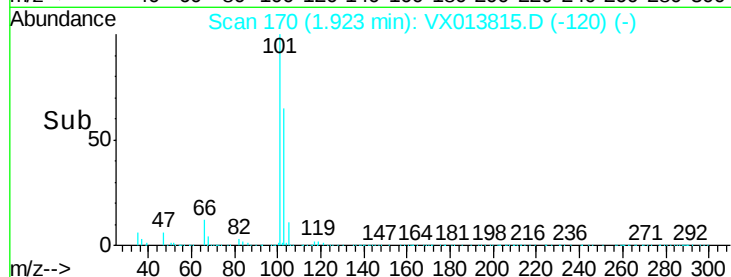
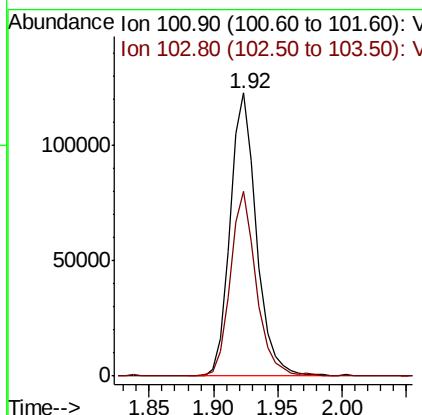
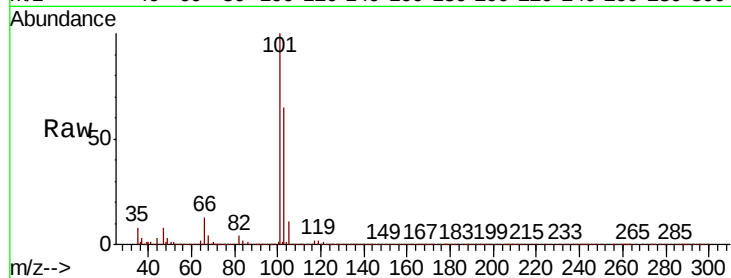
Trichlorofluoromethane
Concen: 18.650 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX013815.D
Acq: 06 Dec 2019 22:04

Instrument :
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ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	65.2	51.8	77.6

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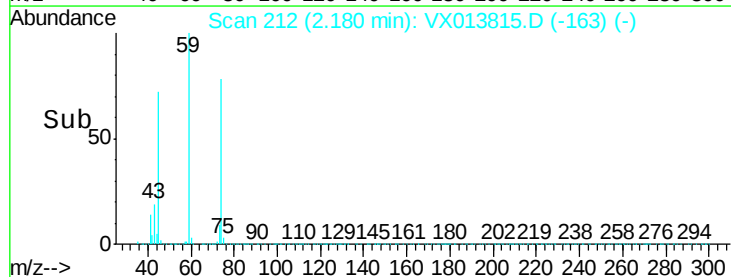
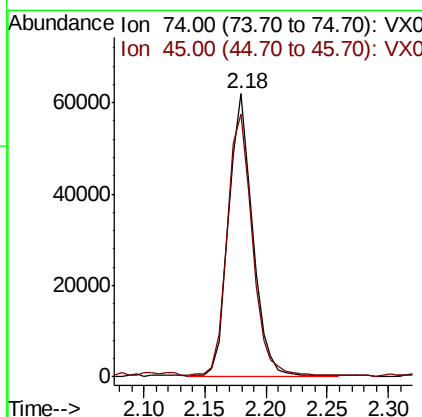
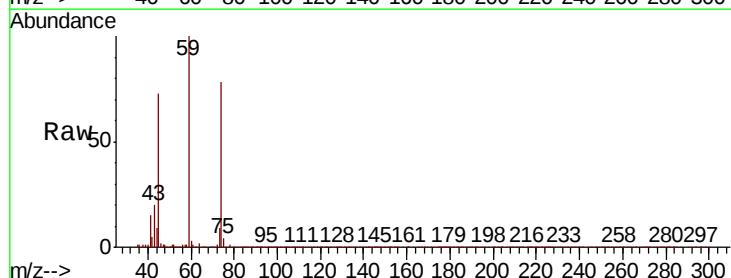
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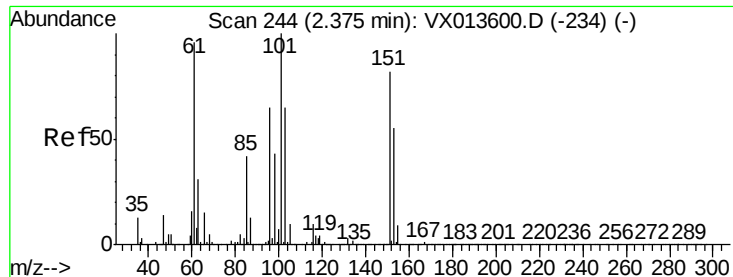


#8

Diethyl Ether
Concen: 19.735 ug/l
RT: 2.18 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX013815.D
Acq: 06 Dec 2019 22:04

Tgt Ion	Ratio	Lower	Upper
74	100		
45	96.9	48.9	146.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.429 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.00 min

Lab File: VX013815.D

Acq: 06 Dec 2019 22:04

Instrument :

MSVOA_X

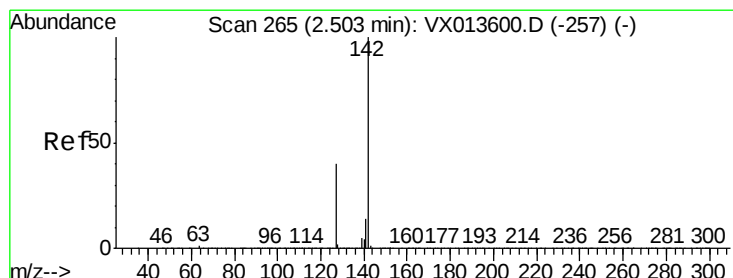
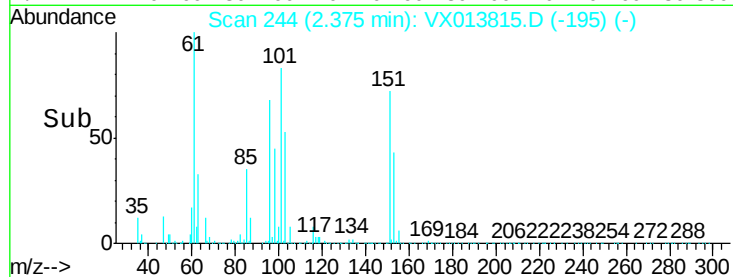
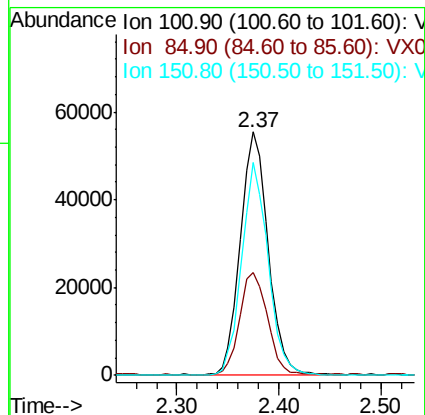
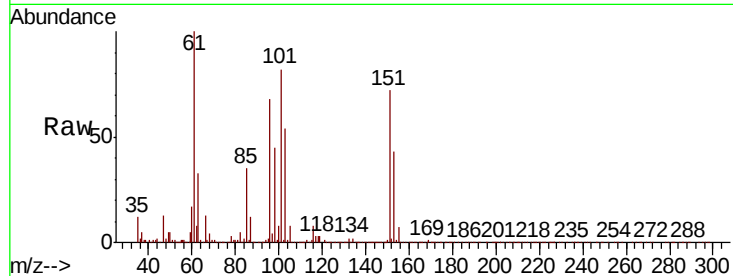
ClientSampleId :

VX1206WBSD02

Tot Ion:	101	Resp:	105457
Ion Ratio	Lower	Upper	
101	100		
85	41.9	33.9	50.9
151	83.3	64.2	96.2

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#10

Methyl Iodide

Concen: 17.498 ug/l

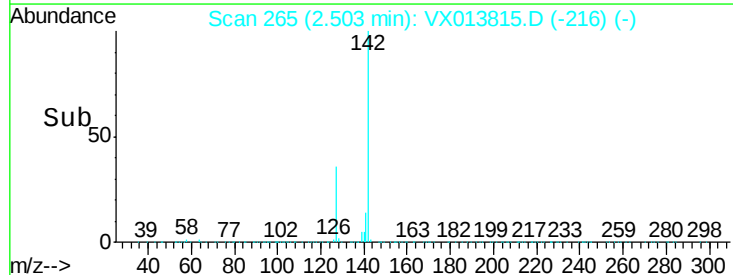
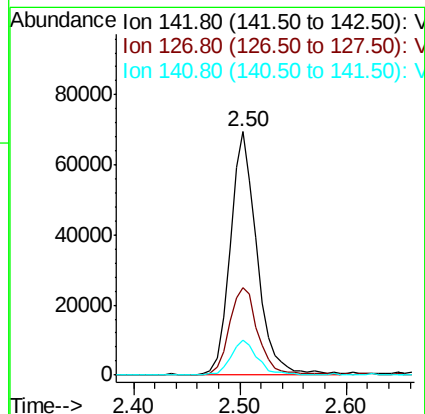
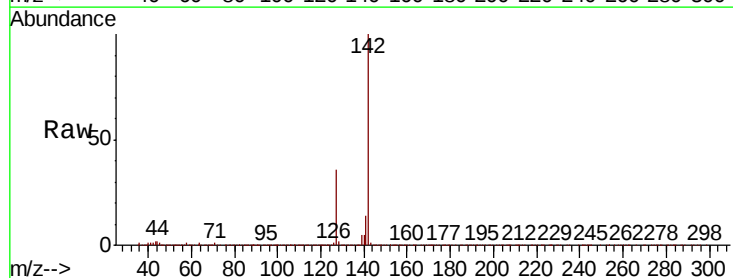
RT: 2.50 min Scan# 265

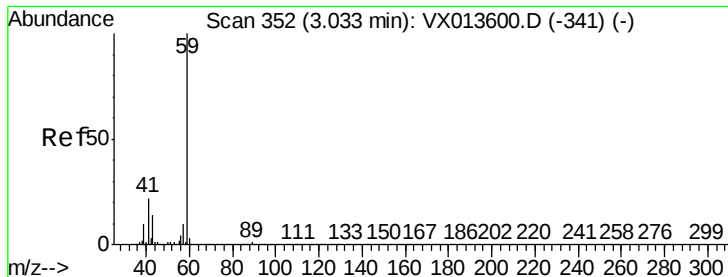
Delta R.T. -0.00 min

Lab File: VX013815.D

Acq: 06 Dec 2019 22:04

Tgt Ion:	142	Resp:	121126
Ion Ratio	Lower	Upper	
142	100		
127	39.0	31.0	46.4
141	14.7	11.6	17.4





#11

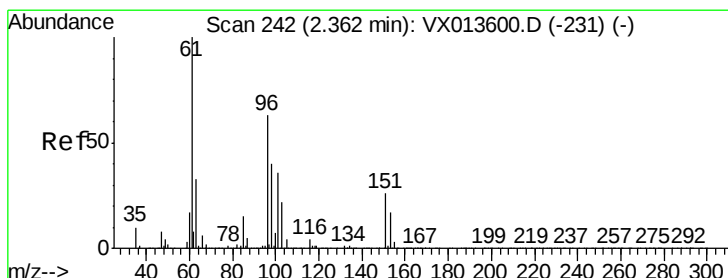
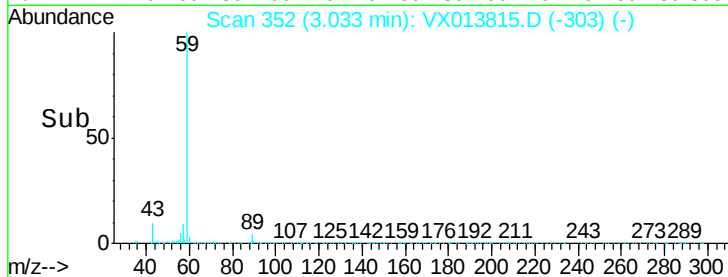
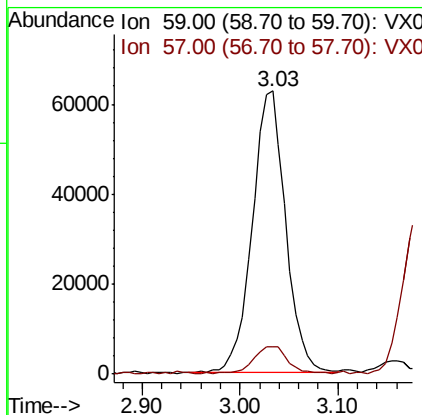
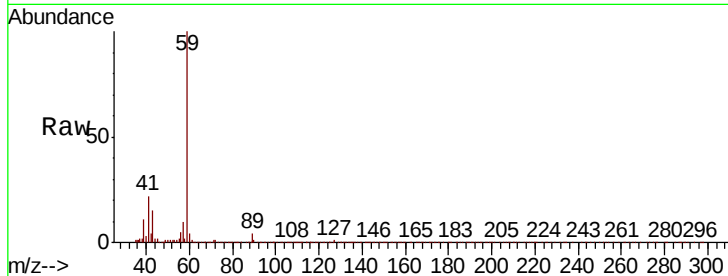
Tert butyl alcohol
Concen: 86.954 ug/l
RT: 3.03 min Scan# 352
Delta R.T. -0.00 min
Lab File: VX013815.D
Acq: 06 Dec 2019 22:04

Instrument :
MSVOA_X
ClientSampleId :
VX1206WBSD02

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.7	7.8	11.6

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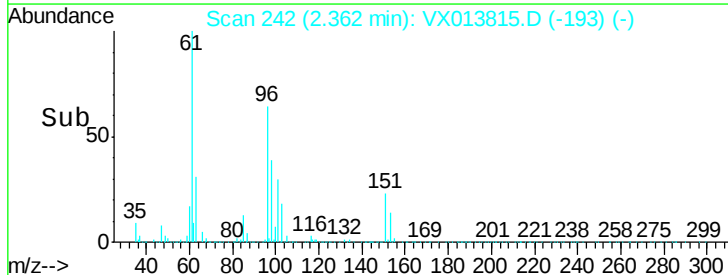
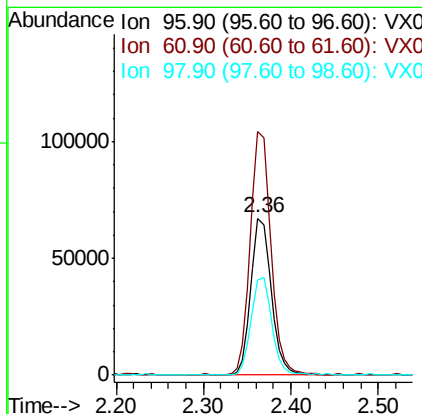
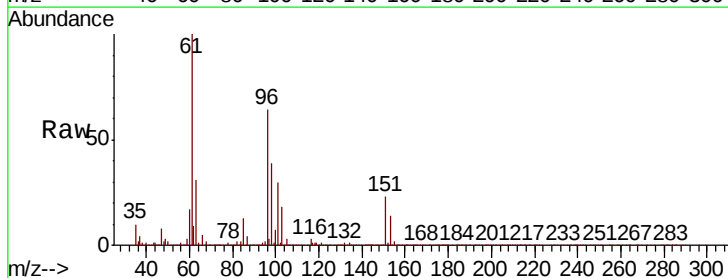
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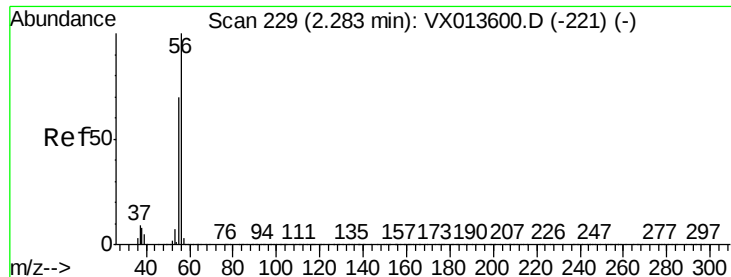


#12

1,1-Dichloroethene
Concen: 19.066 ug/l
RT: 2.36 min Scan# 242
Delta R.T. -0.00 min
Lab File: VX013815.D
Acq: 06 Dec 2019 22:04

Tgt Ion	Ratio	Lower	Upper
96	100		
61	155.4	126.6	190.0
98	60.4	50.6	76.0





#13

Acrolein

Concen: 86.502 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX013815.D

Acq: 06 Dec 2019 22:04

Instrument :

MSVOA_X

ClientSampleId :

VX1206WBSD02

Tot Ion: 56 Resp: 94858

Ion Ratio Lower Upper

56 100

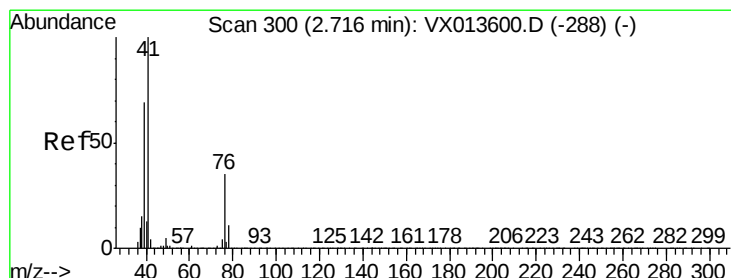
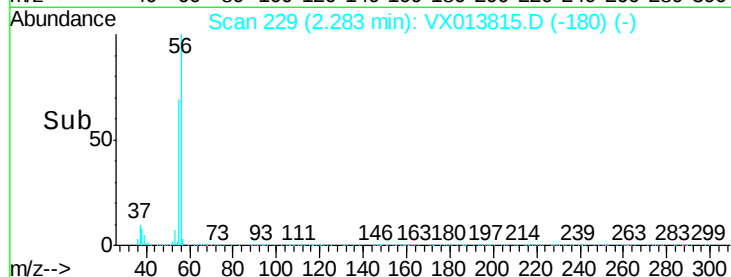
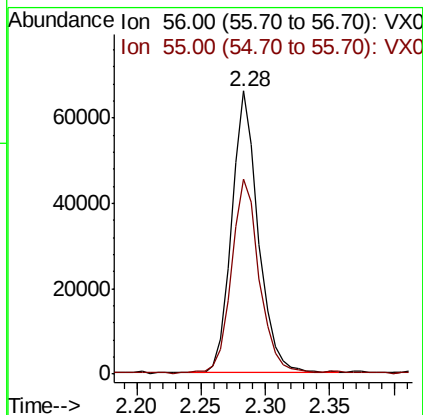
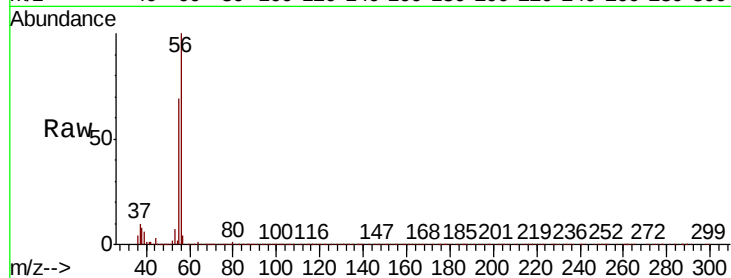
55 72.5 56.2 84.4

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#14

Allyl chloride

Concen: 18.248 ug/l

RT: 2.72 min Scan# 301

Delta R.T. 0.01 min

Lab File: VX013815.D

Acq: 06 Dec 2019 22:04

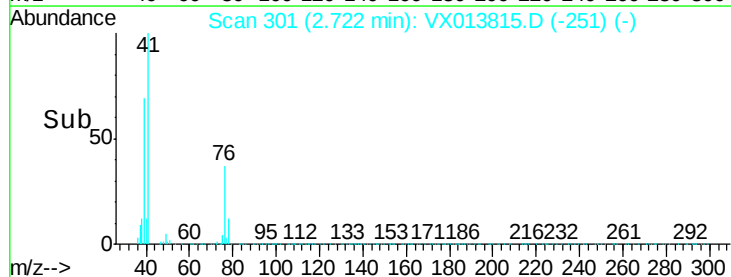
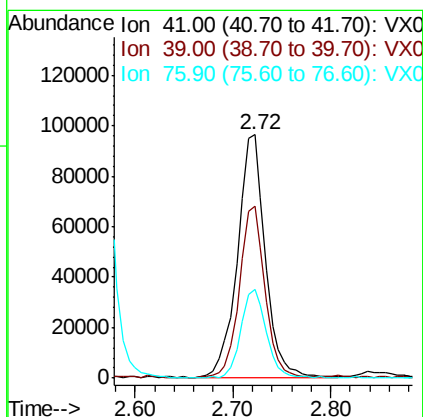
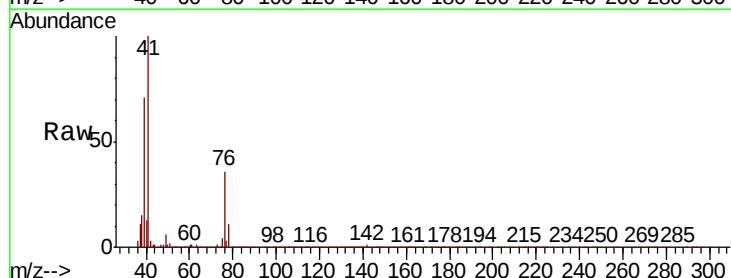
Tgt Ion: 41 Resp: 189159

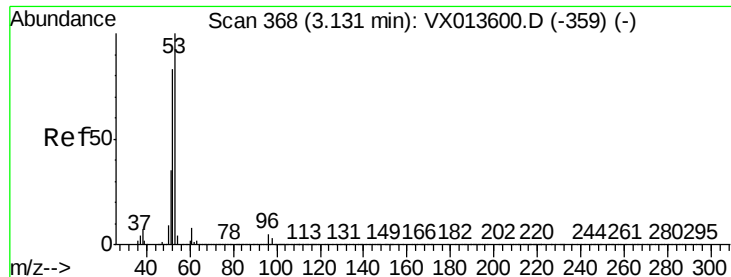
Ion Ratio Lower Upper

41 100

39 65.0 51.7 77.5

76 32.8 25.9 38.9





#15

Acrylonitrile

Concen: 94.770 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.00 min

Lab File: VX013815.D

Acq: 06 Dec 2019 22:04

Instrument :

MSVOA_X

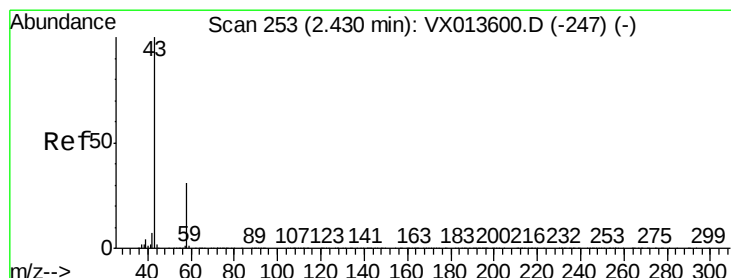
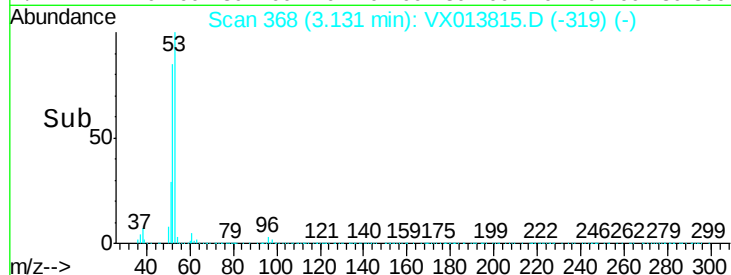
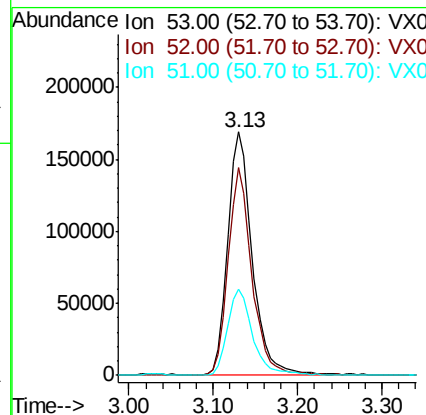
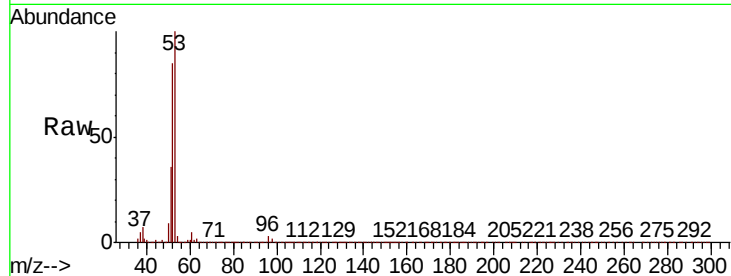
ClientSampleId :

VX1206WBSD02

Tot Ion:	53	Resp:	336410
Ion	Ratio	Lower	Upper
53	100		
52	82.4	66.2	99.2
51	36.9	29.0	43.6

Manual Integrations
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#16

Acetone

Concen: 110.623 ug/l

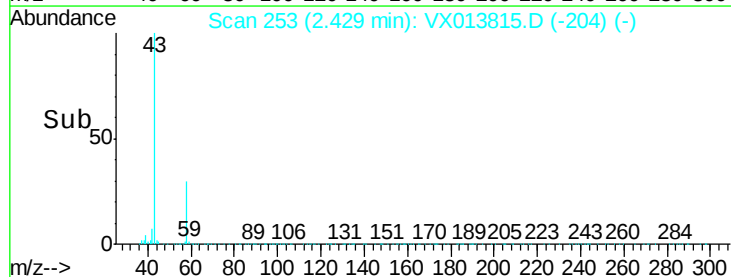
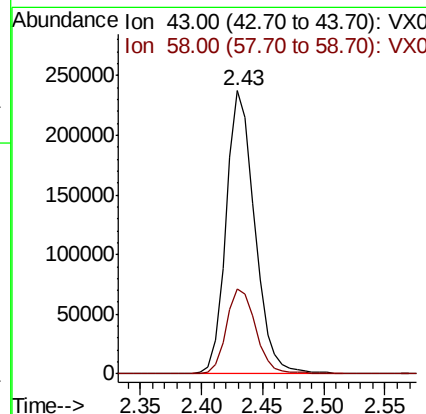
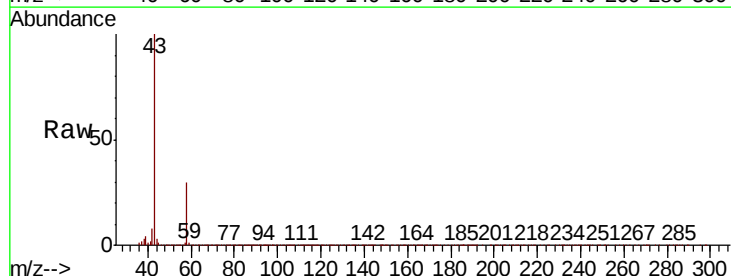
RT: 2.43 min Scan# 253

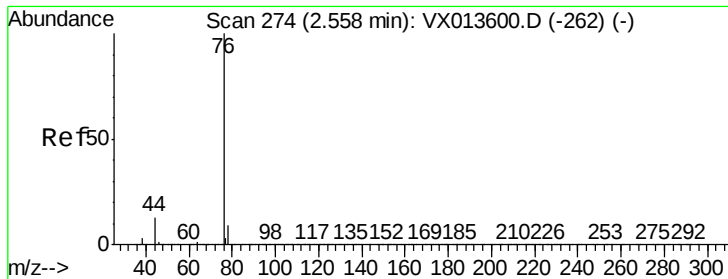
Delta R.T. -0.00 min

Lab File: VX013815.D

Acq: 06 Dec 2019 22:04

Tgt Ion:	43	Resp:	380511
Ion	Ratio	Lower	Upper
43	100		
58	29.9	24.6	36.8





#17

Carbon Disulfide

Concen: 16.817 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.01 min

Lab File: VX013815.D

Acq: 06 Dec 2019 22:04

Instrument :

MSVOA_X

ClientSampleId :

VX1206WBSD02

Tot Ion: 76 Resp: 273841

Ion Ratio Lower Upper

76 100

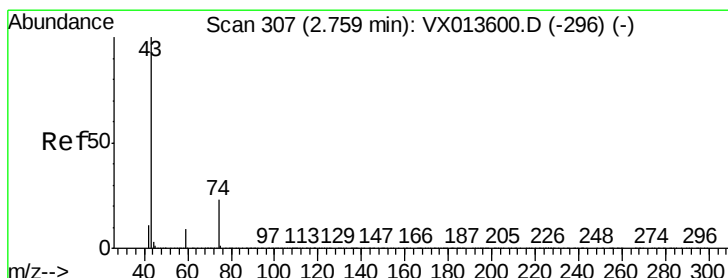
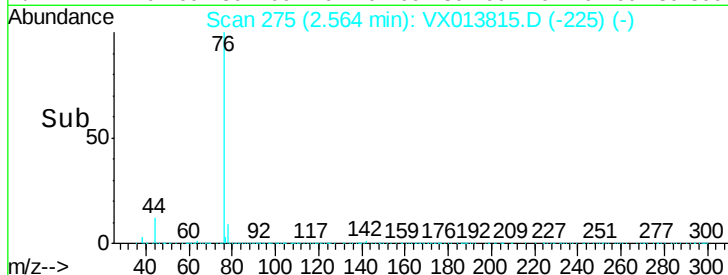
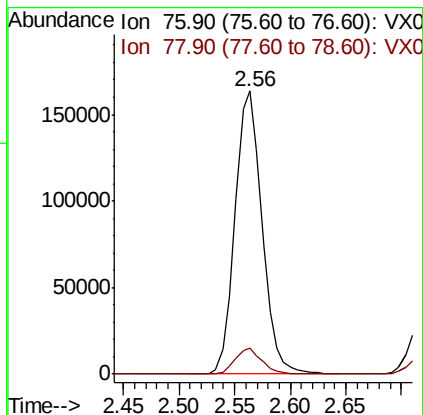
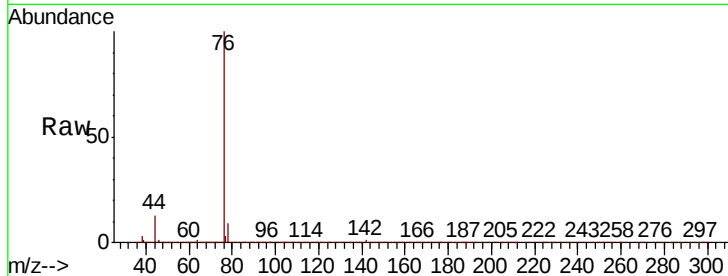
78 9.0 7.2 10.8

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#18

Methyl Acetate

Concen: 20.660 ug/l

RT: 2.76 min Scan# 308

Delta R.T. 0.01 min

Lab File: VX013815.D

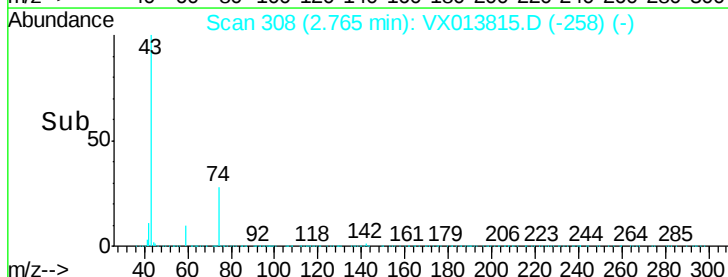
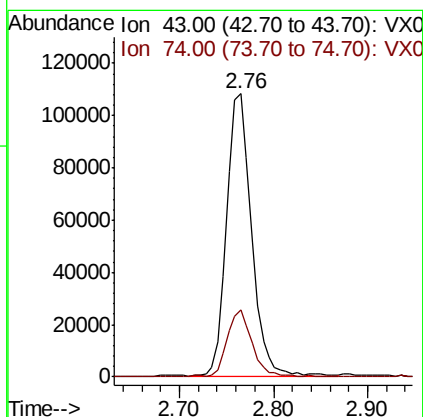
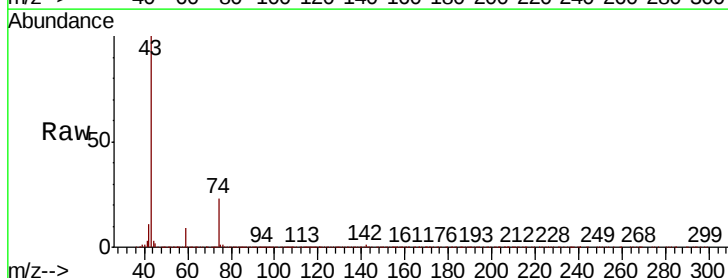
Acq: 06 Dec 2019 22:04

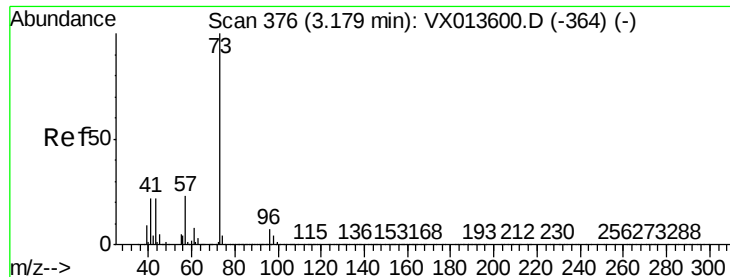
Tgt Ion: 43 Resp: 197883

Ion Ratio Lower Upper

43 100

74 24.1 19.5 29.3





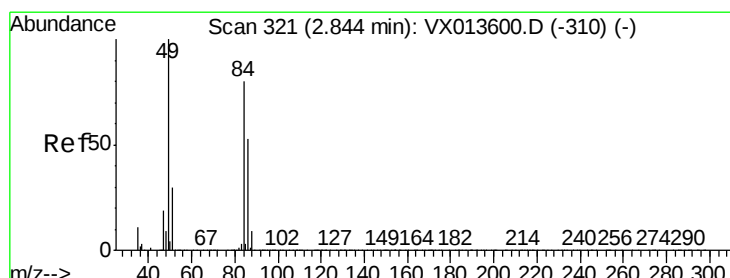
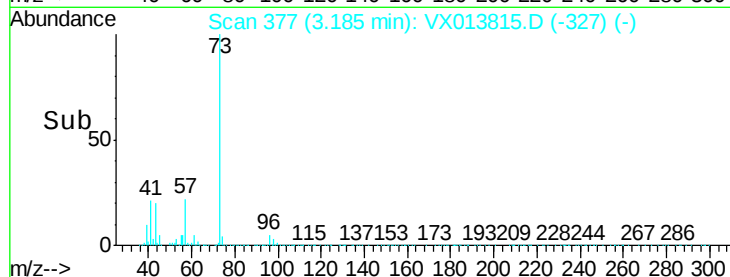
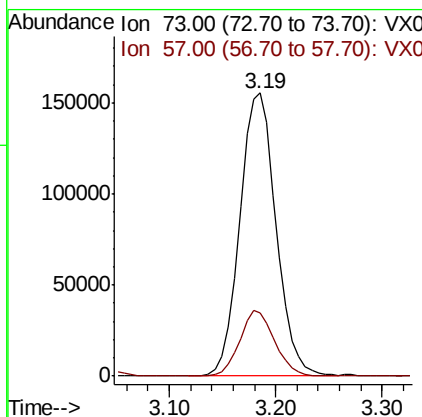
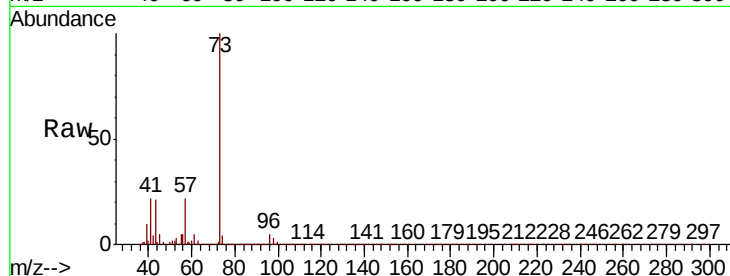
#19
Methvl tert-butvl Ether
Concen: 19.557 ug/l
RT: 3.19 min Scan# 377
Delta R.T. 0.01 min
Lab File: VX013815.D
Acq: 06 Dec 2019 22:04

Instrument :
MSVOA_X
ClientSampleId :
VX1206WBSD02

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.2	18.3	27.5

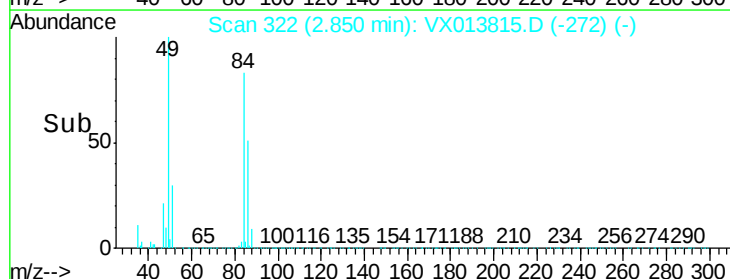
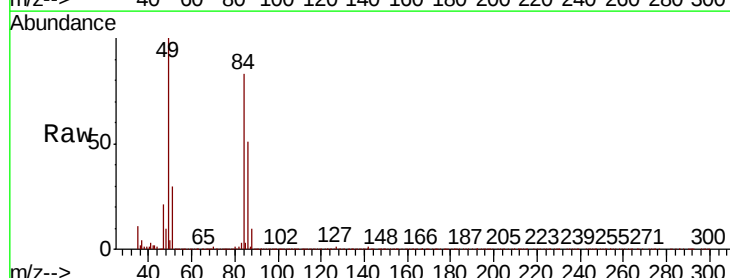
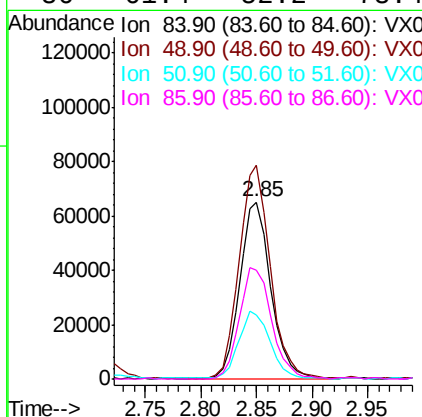
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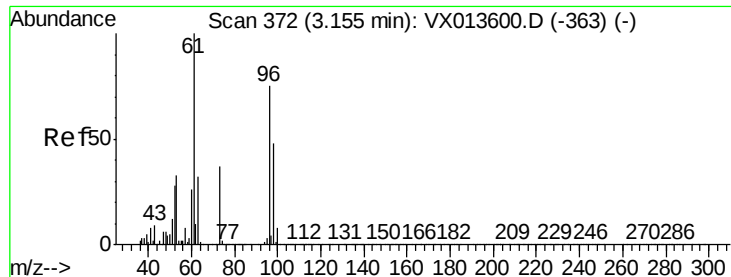
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#20
Methylene Chloride
Concen: 19.043 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.01 min
Lab File: VX013815.D
Acq: 06 Dec 2019 22:04

Tgt Ion	Ratio	Lower	Upper
84	100		
49	119.8	99.7	149.5
51	36.5	29.9	44.9
86	61.4	52.2	78.4





#21

trans-1,2-Dichloroethene

Concen: 18.670 ug/l

RT: 3.15 min Scan# 372

Delta R.T. -0.00 min

Lab File: VX013815.D

Acq: 06 Dec 2019 22:04

Instrument :

MSVOA_X

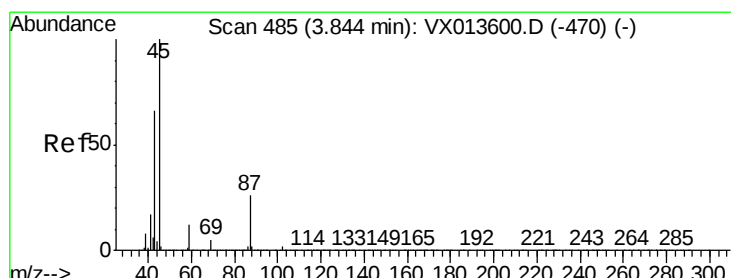
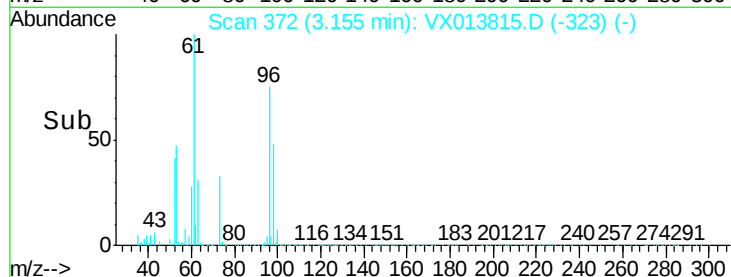
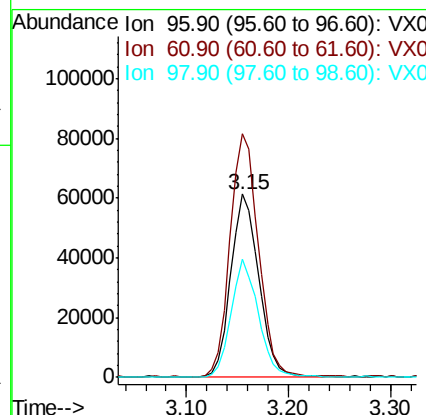
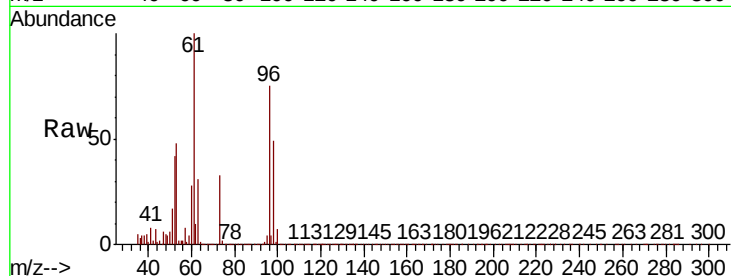
ClientSampleId :

VX1206WBSD02

Tot Ion:	96	Resp:	116178
Ion	Ratio	Lower	Upper
96	100		
61	132.6	107.2	160.8
98	64.5	51.4	77.0

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#22

Diisopropyl ether

Concen: 19.613 ug/l

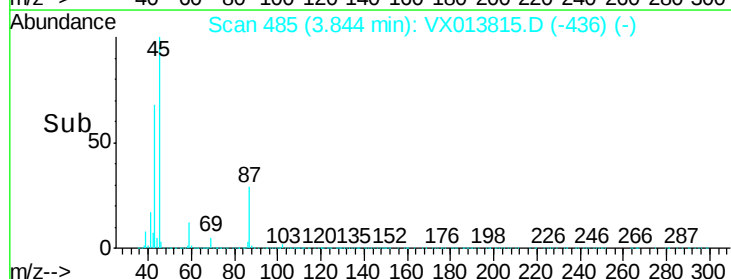
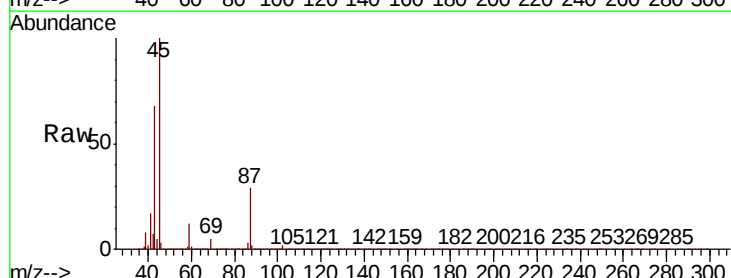
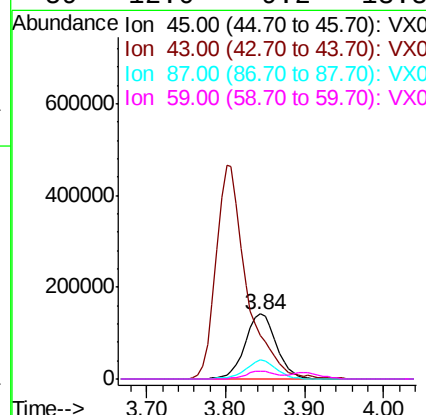
RT: 3.84 min Scan# 485

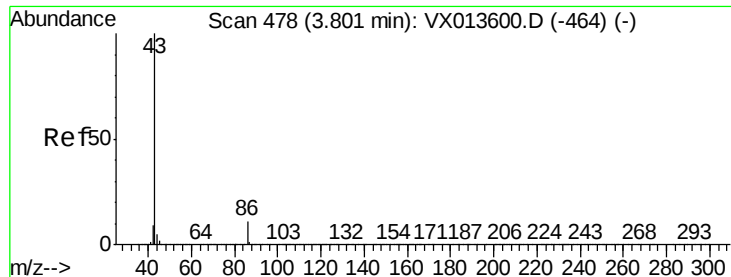
Delta R.T. -0.00 min

Lab File: VX013815.D

Acq: 06 Dec 2019 22:04

Tgt Ion:	45	Resp:	391476
Ion	Ratio	Lower	Upper
45	100		
43	67.0	52.6	79.0
87	28.9	21.1	31.7
59	12.0	9.2	13.8





#23

Vinyl Acetate

Concen: 75.829 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.00 min

Lab File: VX013815.D

Acq: 06 Dec 2019 22:04

Instrument :

MSVOA_X

ClientSampleId :

VX1206WBSD02

Tot Ion: 43 Resp: 1259095

Ion Ratio Lower Upper

43 100

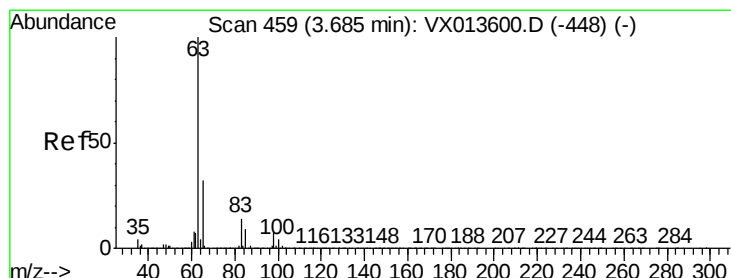
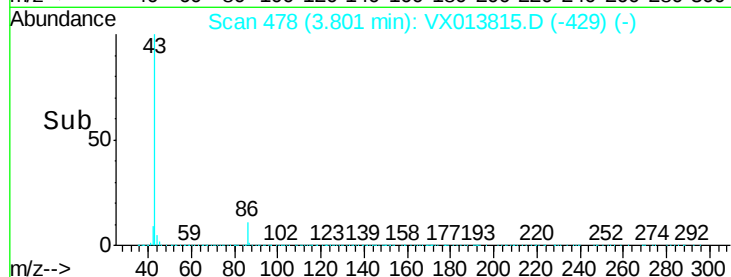
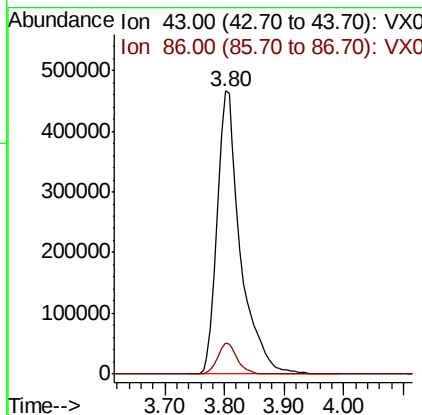
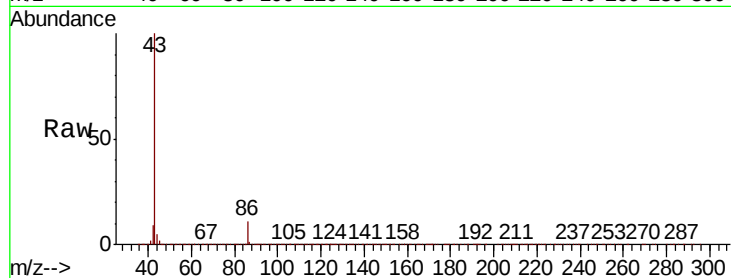
86 10.8 8.7 13.1

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#24

1,1-Dichloroethane

Concen: 19.811 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.00 min

Lab File: VX013815.D

Acq: 06 Dec 2019 22:04

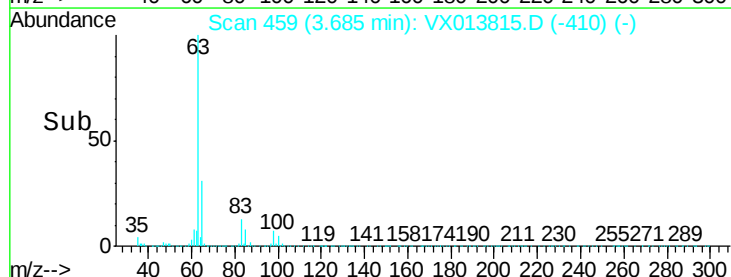
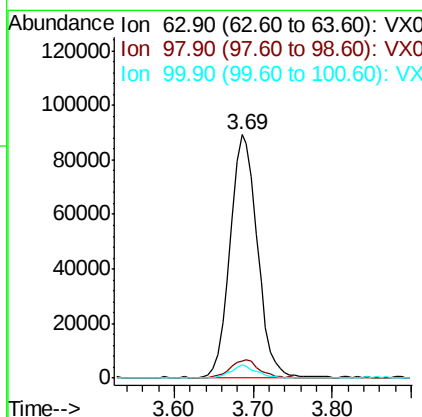
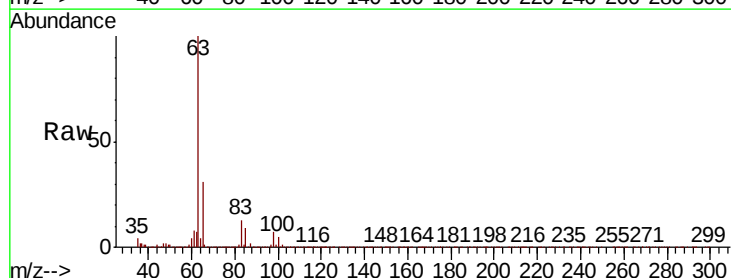
Tgt Ion: 63 Resp: 216162

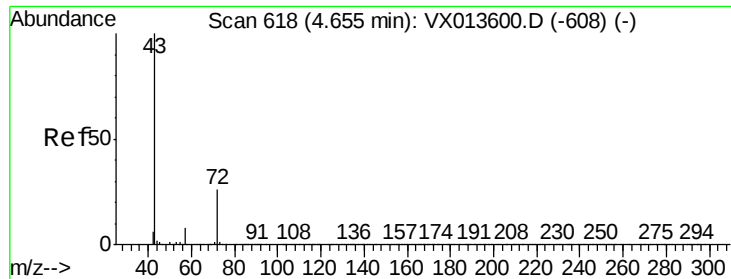
Ion Ratio Lower Upper

63 100

98 7.0 3.5 10.4

100 5.0 2.1 6.3





#25

2-Butanone

Concen: 100.218 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.01 min

Lab File: VX013815.D

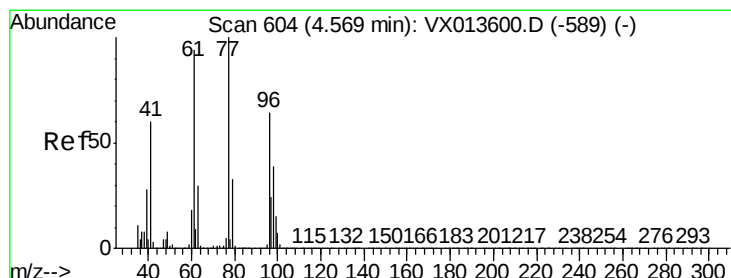
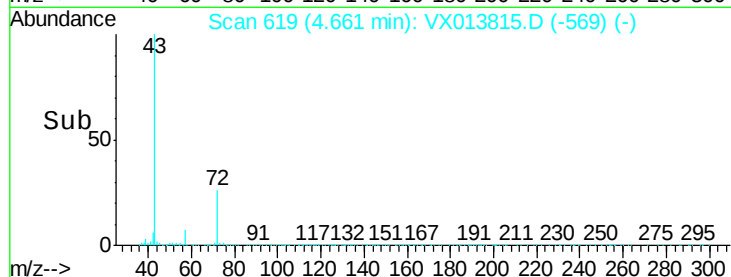
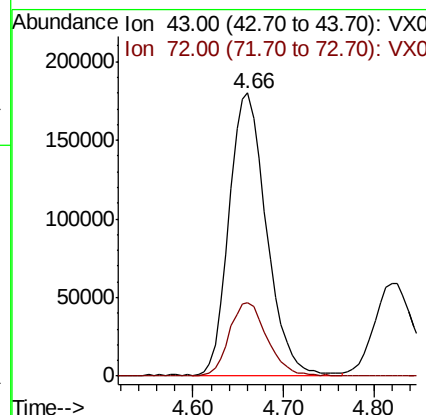
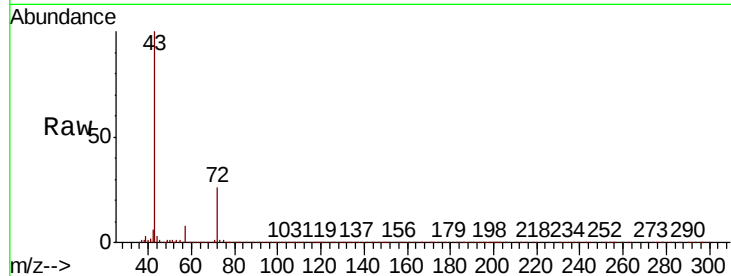
Acq: 06 Dec 2019 22:04

Tot Ion	43	Resp	512321
Ion Ratio	100	Lower	Upper
43	100		
72	26.0	20.6	31.0

Instrument :
MSVOA_X
ClientSampleId :
VX1206WBSD02

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#26

2,2-Dichloropropane

Concen: 15.118 ug/l

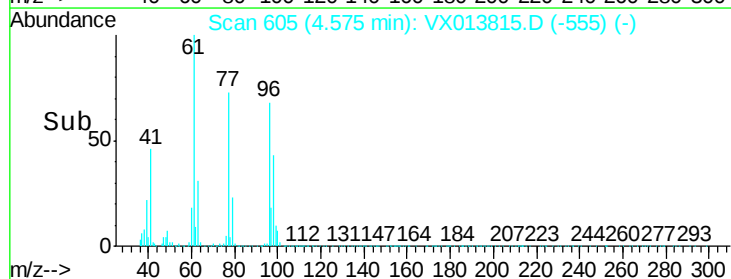
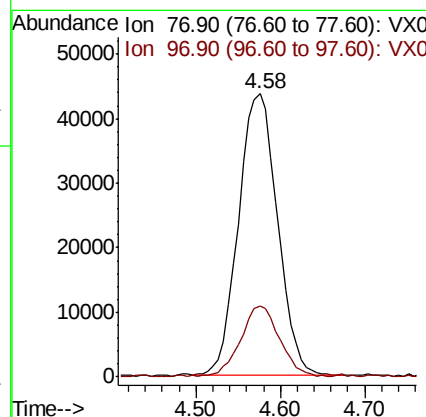
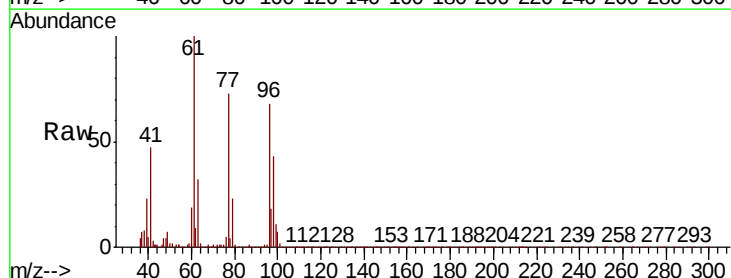
RT: 4.58 min Scan# 605

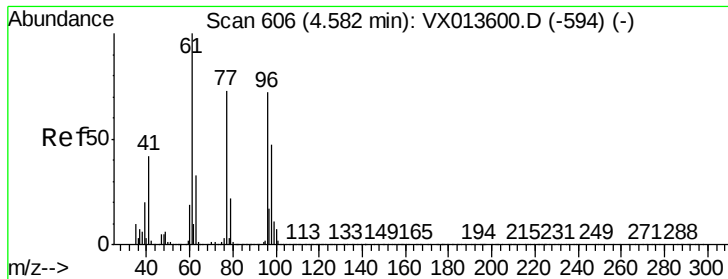
Delta R.T. 0.01 min

Lab File: VX013815.D

Acq: 06 Dec 2019 22:04

Tgt Ion	77	Resp	136477
Ion Ratio	100	Lower	Upper
77	100		
97	24.9	12.0	36.1





#27

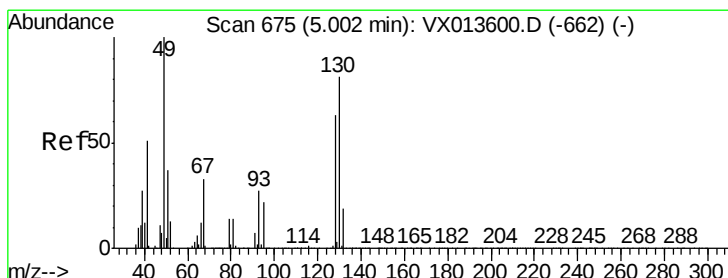
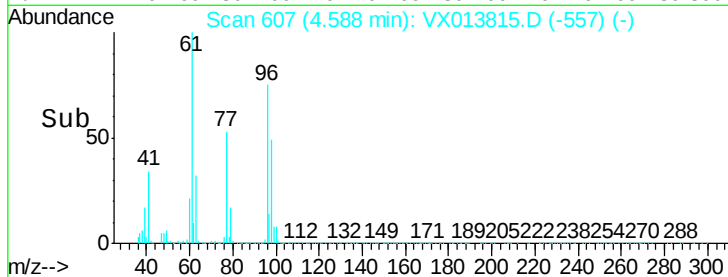
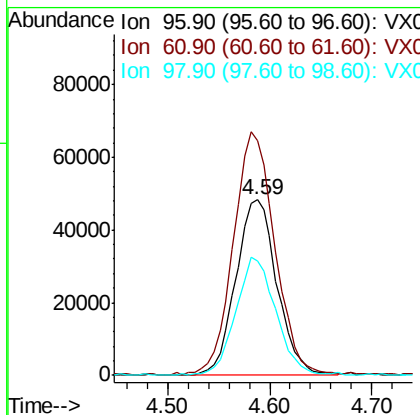
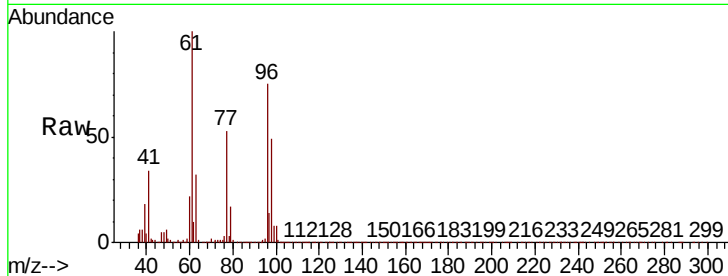
cis-1,2-Dichloroethene
Concen: 18.961 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.01 min
Lab File: VX013815.D
Acq: 06 Dec 2019 22:04

Instrument :
MSVOA_X
ClientSampleId :
VX1206WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
96	100	135493		
61	139.3	0.0	286.4	
98	64.9	0.0	127.4	

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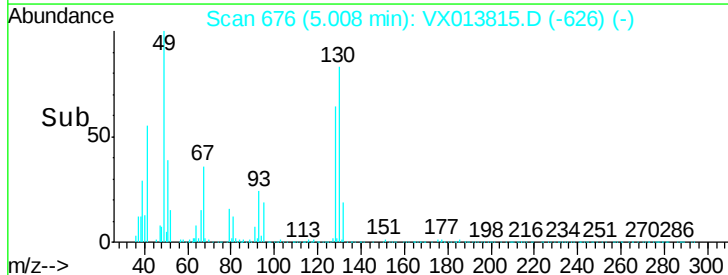
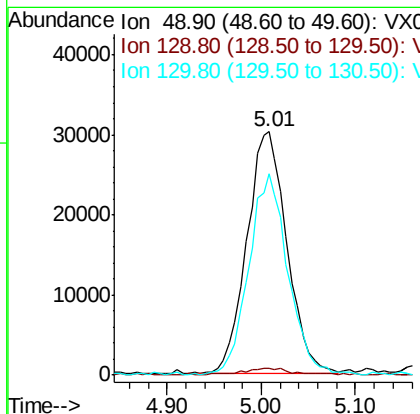
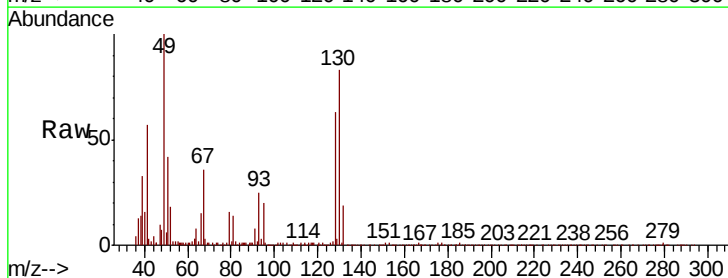
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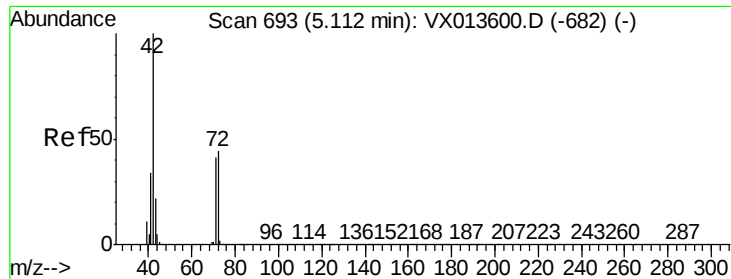


#28

Bromochloromethane
Concen: 20.902 ug/l
RT: 5.01 min Scan# 676
Delta R.T. 0.01 min
Lab File: VX013815.D
Acq: 06 Dec 2019 22:04

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	90157		
129	2.8	0.0	5.0	
130	80.8	65.4	98.0	





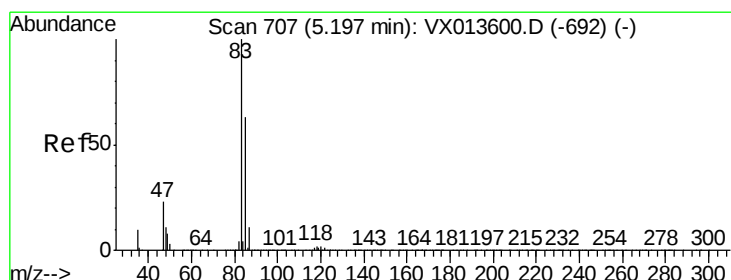
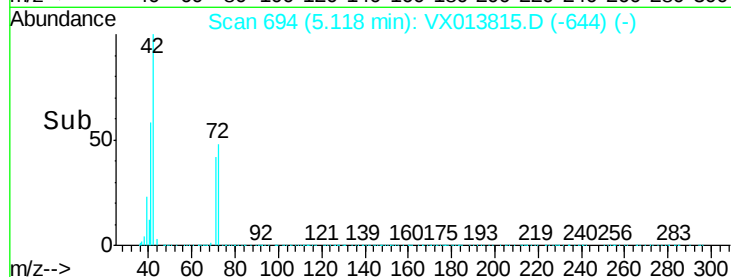
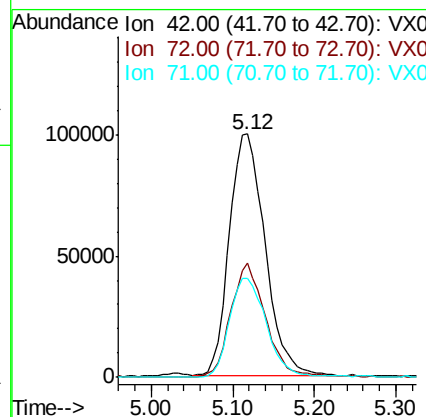
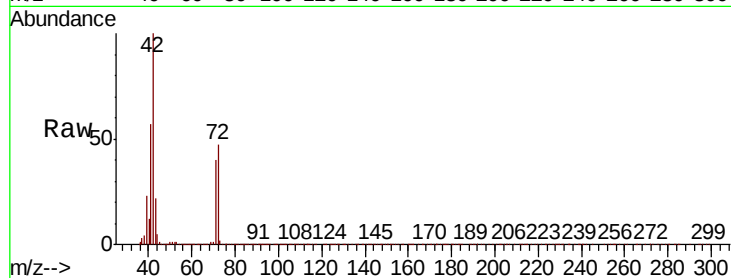
#29
Tetrahydrofuran
Concen: 95.998 ug/l
RT: 5.12 min Scan# 694
Delta R.T. 0.01 min
Lab File: VX013815.D
Acq: 06 Dec 2019 22:04

Instrument :
MSVOA_X
ClientSampleId :
VX1206WBSD02

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.8	36.3	54.5
71	42.3	33.2	49.8

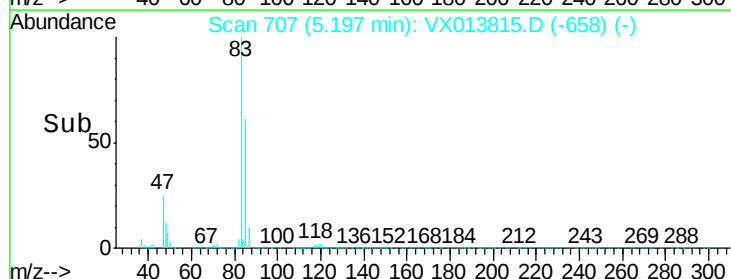
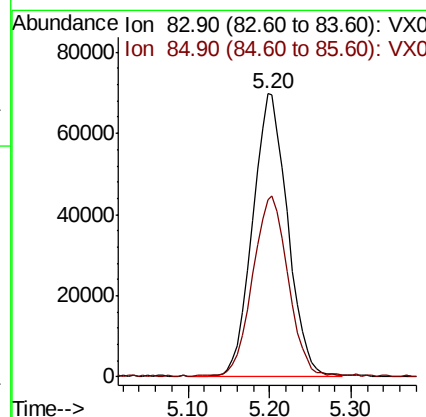
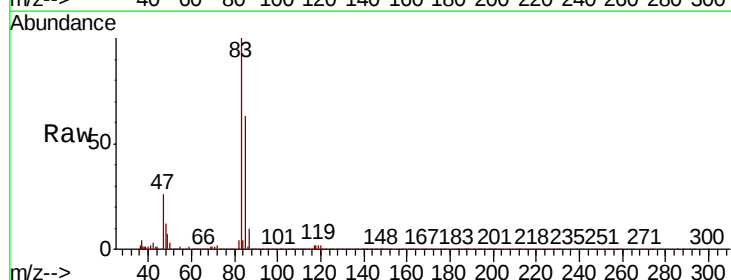
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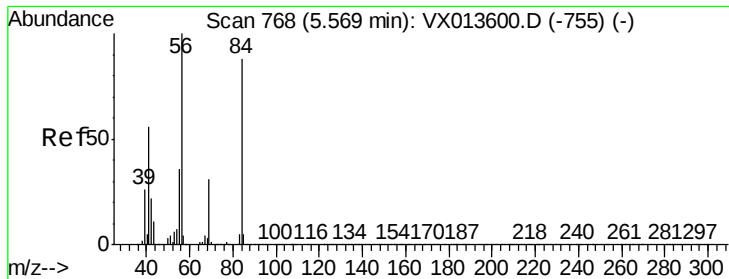
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#30
Chloroform
Concen: 18.793 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.00 min
Lab File: VX013815.D
Acq: 06 Dec 2019 22:04

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.5	50.2	75.4





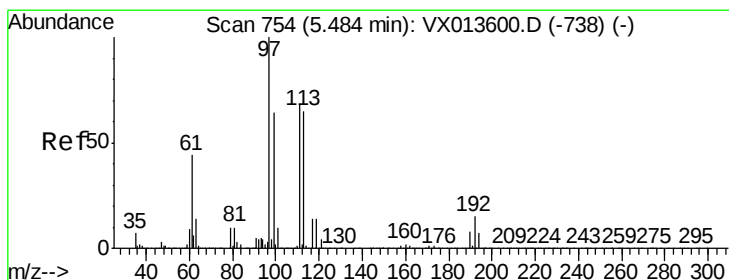
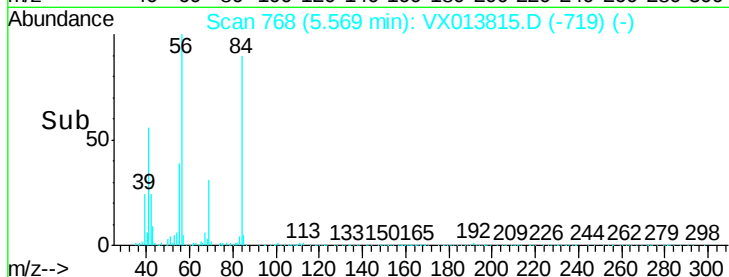
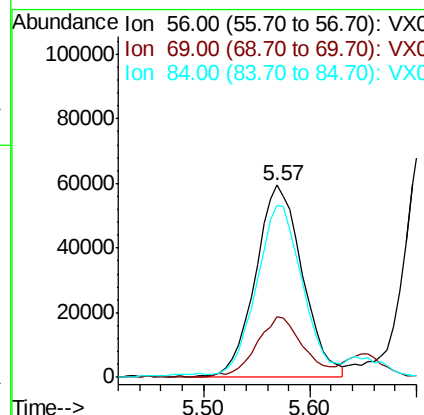
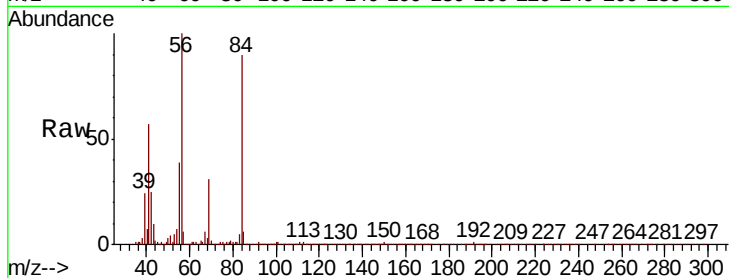
#31
Cyclohexane
Concen: 17.628 ug/l
RT: 5.57 min Scan# 768
Delta R.T. -0.00 min
Lab File: VX013815.D
Acq: 06 Dec 2019 22:04

Instrument :
MSVOA_X
ClientSampleId :
VX1206WBSD02

Tot Ion	Ratio	Lower	Upper
56	100		
69	31.1	24.6	36.8
84	88.7	70.0	105.0

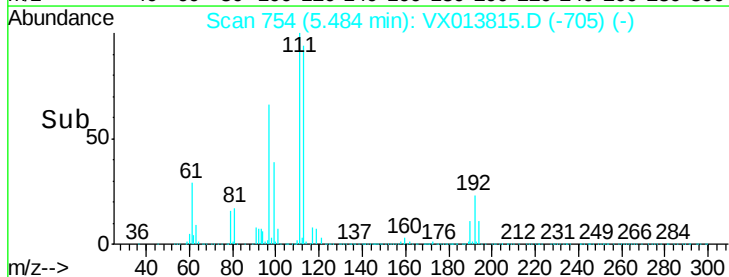
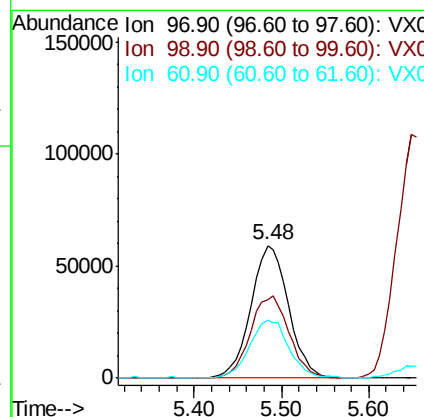
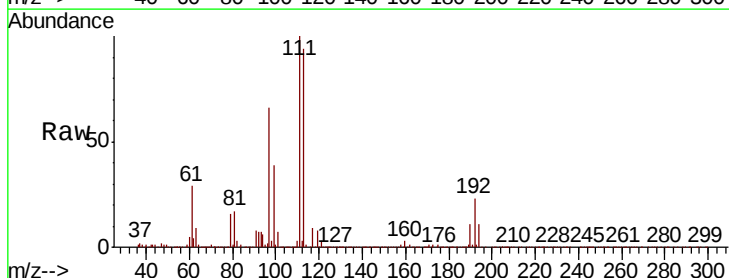
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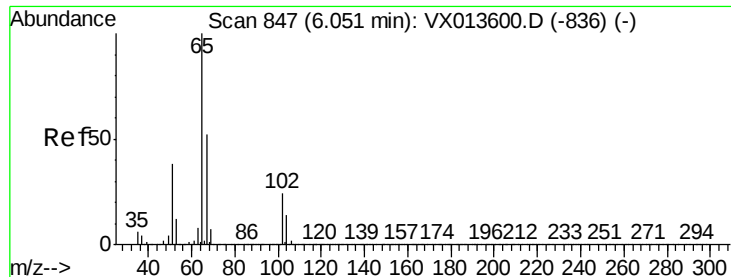
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#32
1,1,1-Trichloroethane
Concen: 19.016 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.00 min
Lab File: VX013815.D
Acq: 06 Dec 2019 22:04

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.2	51.6	77.4
61	45.1	36.1	54.1





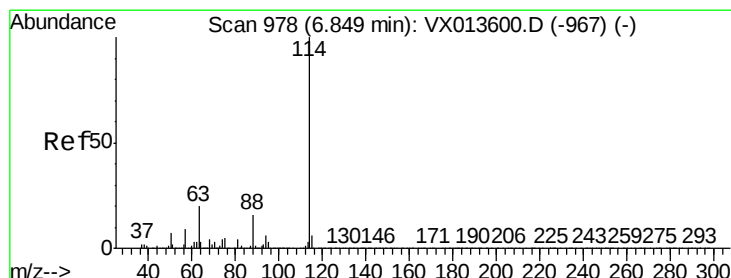
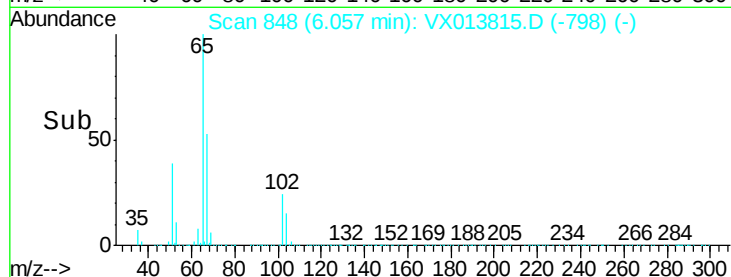
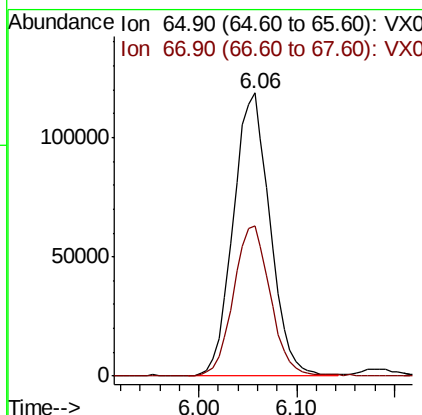
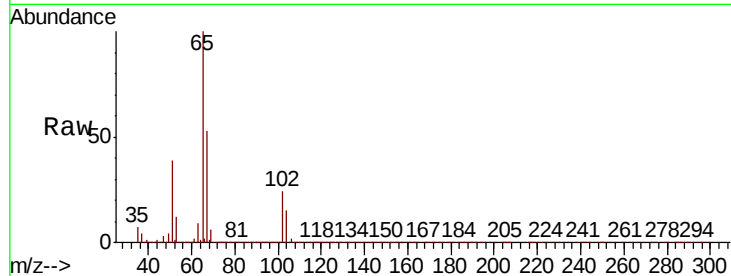
#33
 1,2-Dichloroethane-d4
 Concen: 44.274 ug/l
 RT: 6.06 min Scan# 848
 Delta R.T. 0.01 min
 Lab File: VX013815.D
 Acq: 06 Dec 2019 22:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1206WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
65	100	308461		
67	53.0	0.0	104.4	

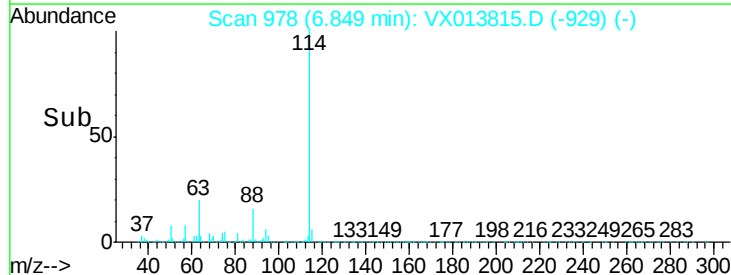
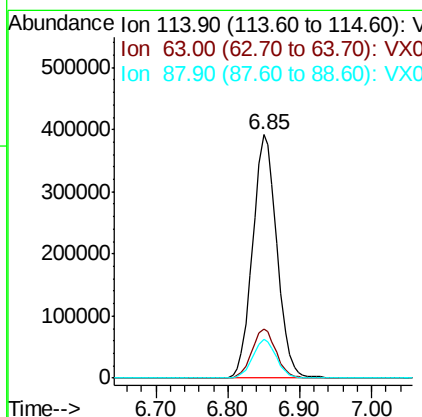
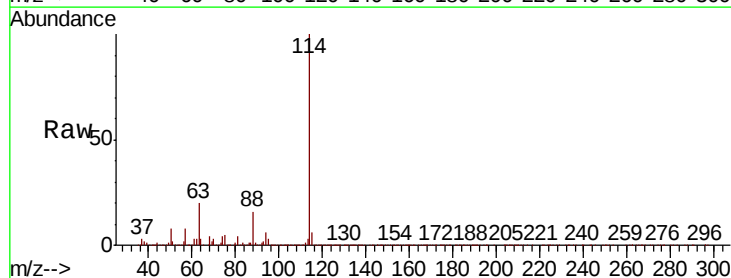
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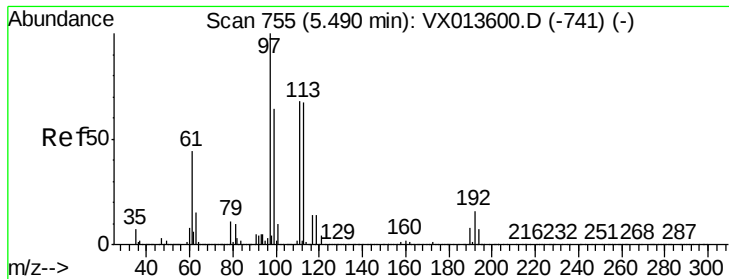
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX013815.D
 Acq: 06 Dec 2019 22:04

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	917174		
63	20.2	0.0	39.6	
88	15.7	0.0	31.4	





#35

Dibromofluoromethane

Concen: 45.108 ug/l

RT: 5.49 min Scan# 755

Delta R.T. -0.00 min

Lab File: VX013815.D

Acq: 06 Dec 2019 22:04

Instrument :

MSVOA_X

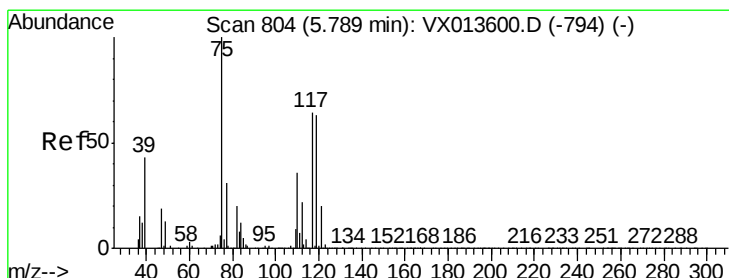
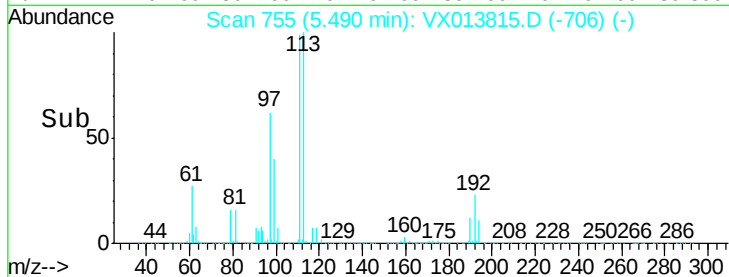
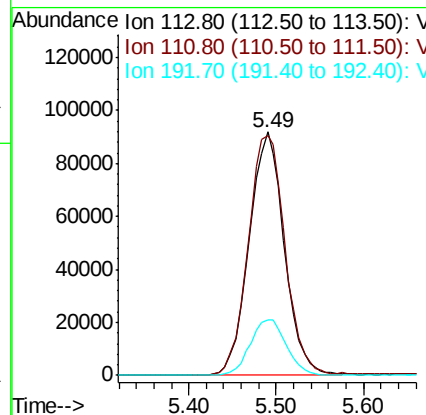
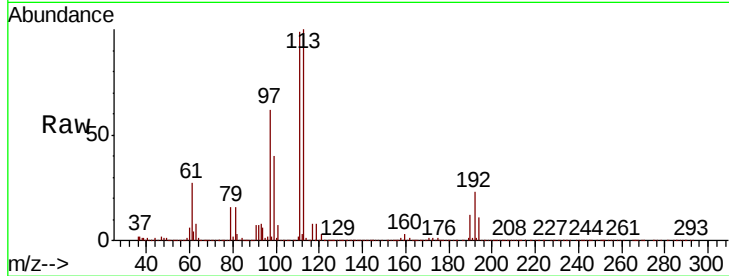
ClientSampleId :

VX1206WBSD02

Tot Ion:	113	Resp:	255765
Ion Ratio	Lower	Upper	
113	100		
111	103.4	83.6	125.4
192	23.9	19.2	28.8

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#36

1,1-Dichloropropene

Concen: 18.436 ug/l

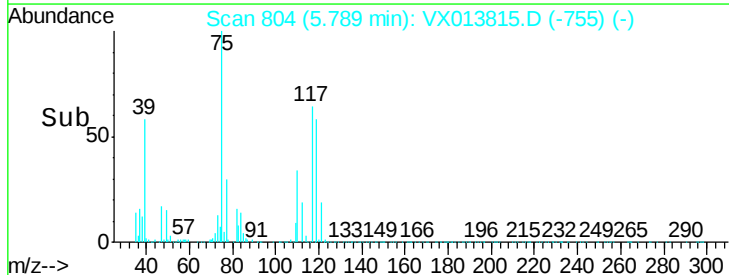
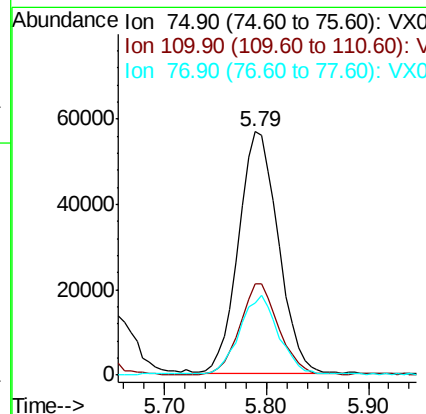
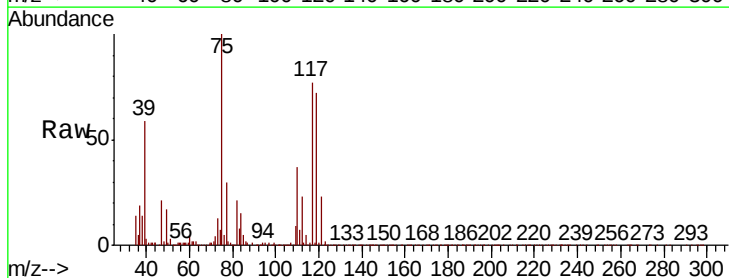
RT: 5.79 min Scan# 804

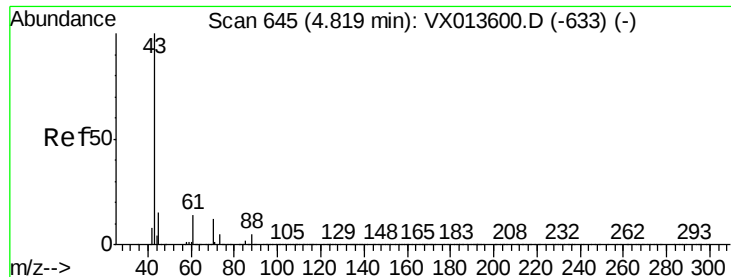
Delta R.T. -0.00 min

Lab File: VX013815.D

Acq: 06 Dec 2019 22:04

Tgt Ion:	75	Resp:	153492
Ion Ratio	Lower	Upper	
75	100		
110	37.3	18.1	54.1
77	31.6	24.5	36.7





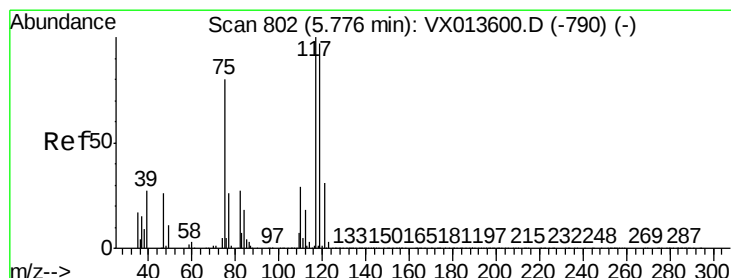
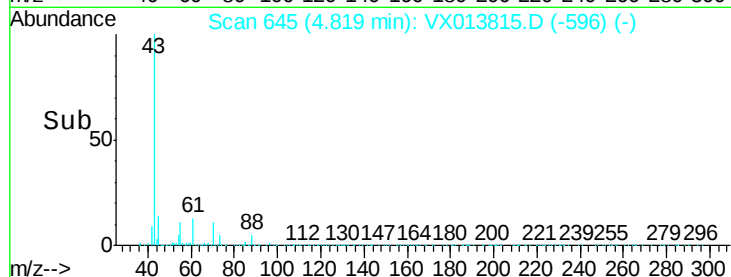
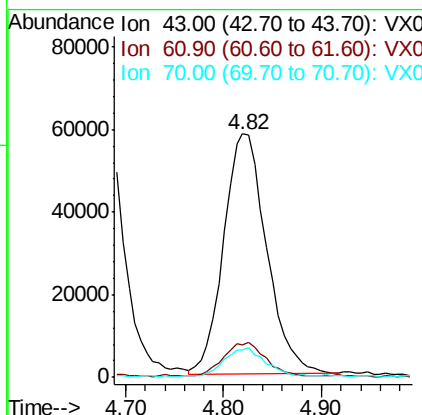
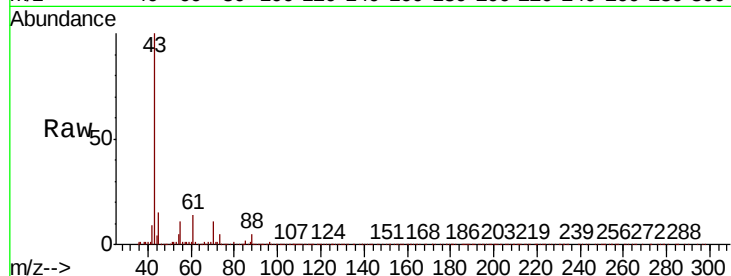
#37
Ethyl Acetate
Concen: 18.828 ug/l
RT: 4.82 min Scan# 645
Delta R.T. -0.00 min
Lab File: VX013815.D
Acq: 06 Dec 2019 22:04

Instrument :
MSVOA_X
ClientSampleId :
VX1206WBSD02

Tot Ion	43	Resp	175855
Ion Ratio	Lower	Upper	
43	100		
61	13.7	11.0	16.4
70	11.7	8.6	12.8

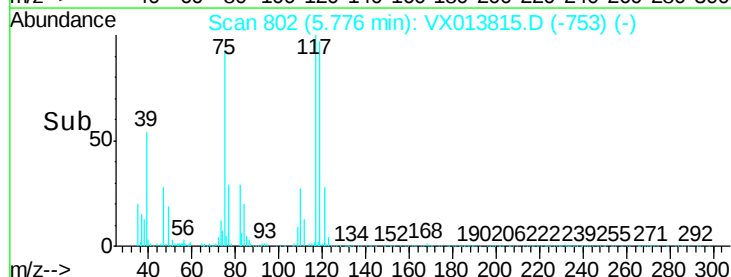
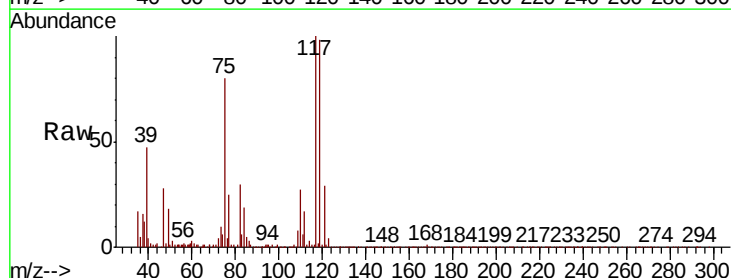
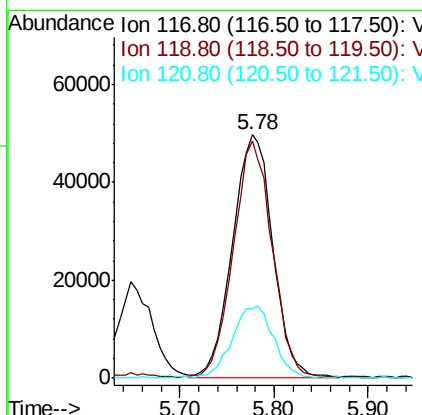
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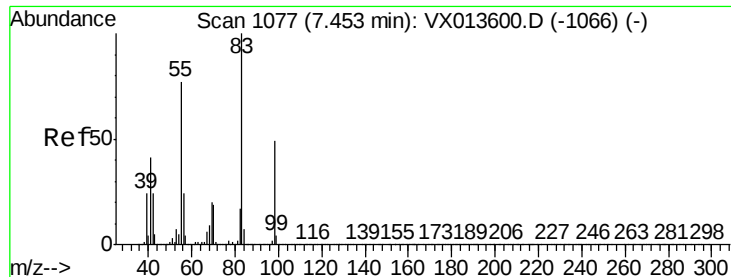
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#38
Carbon Tetrachloride
Concen: 19.144 ug/l
RT: 5.78 min Scan# 802
Delta R.T. -0.00 min
Lab File: VX013815.D
Acq: 06 Dec 2019 22:04

Tgt Ion	117	Resp	146969
Ion Ratio	Lower	Upper	
117	100		
119	97.4	77.5	116.3
121	28.1	25.0	37.6





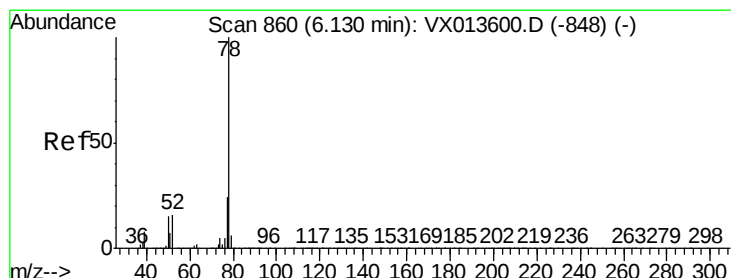
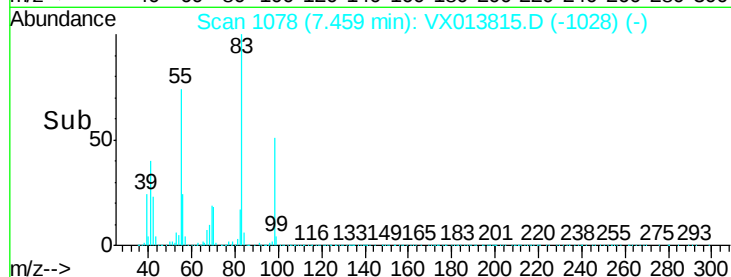
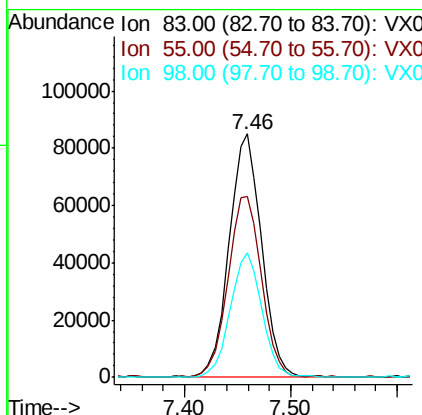
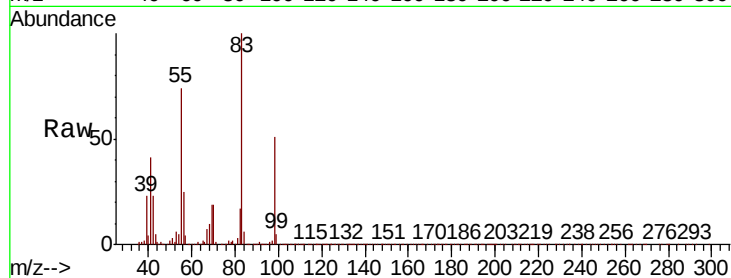
#39
Methvlcvclohexane
Concen: 17.486 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.01 min
Lab File: VX013815.D
Acq: 06 Dec 2019 22:04

Instrument :
MSVOA_X
ClientSampleId :
VX1206WBSD02

Tot Ion	Ratio	Lower	Upper
83	100		
55	74.5	61.9	92.9
98	51.0	39.4	59.0

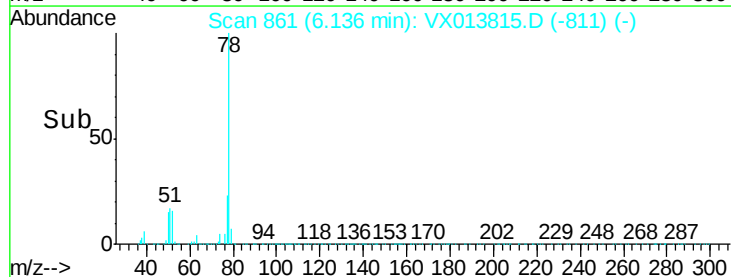
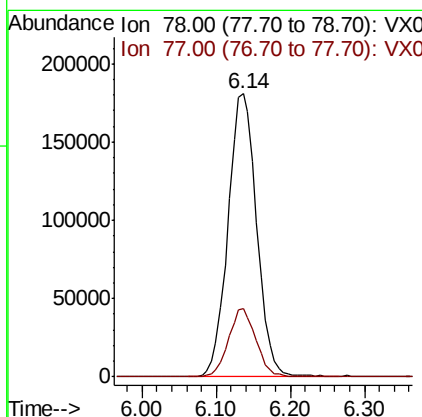
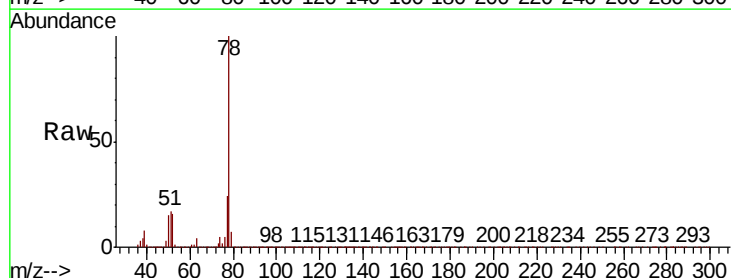
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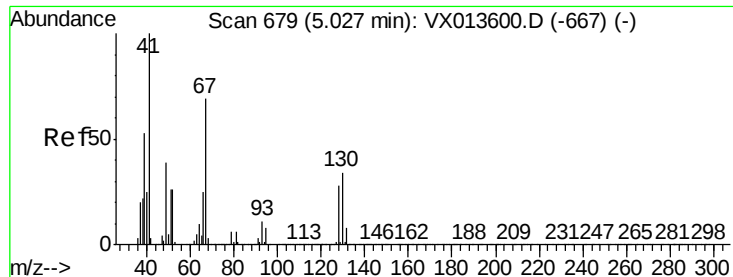
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#40
Benzene
Concen: 19.091 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.01 min
Lab File: VX013815.D
Acq: 06 Dec 2019 22:04

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.1	19.0	28.4





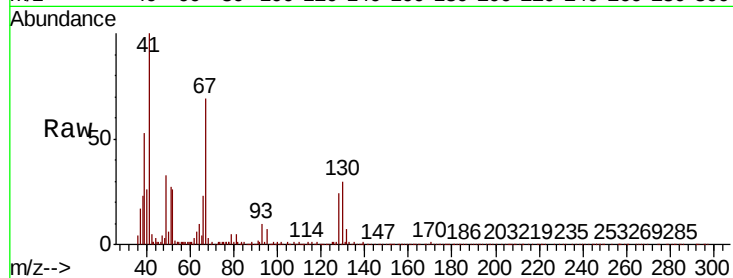
#41
Methacrylonitrile
Concen: 19.262 ug/l
RT: 5.03 min Scan# 680
Delta R.T. 0.01 min
Lab File: VX013815.D
Acq: 06 Dec 2019 22:04

Instrument :
MSVOA_X
ClientSampleId :
VX1206WBSD02

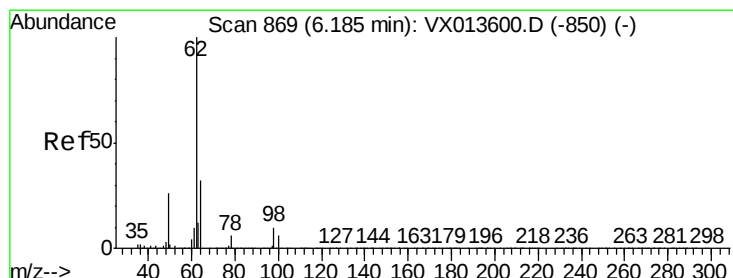
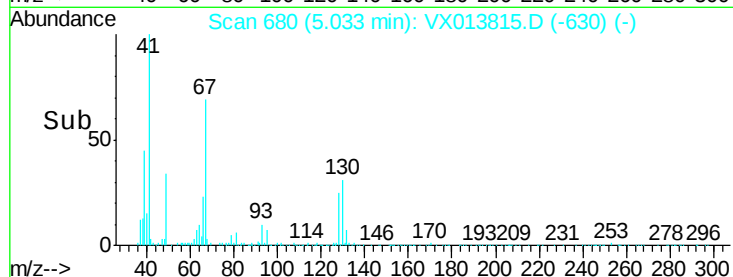
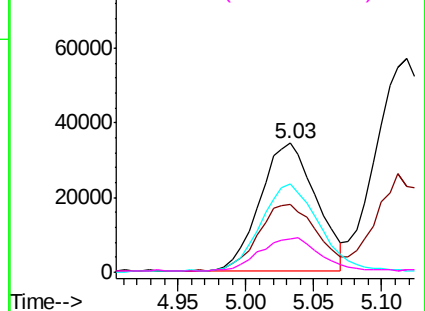
Tot Ion	Ratio	Lower	Upper
41	100		
39	54.4	42.9	64.3
67	72.1	57.4	86.0
52	27.6	22.4	33.6

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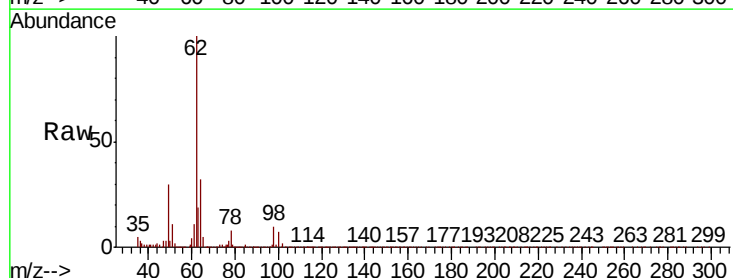


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

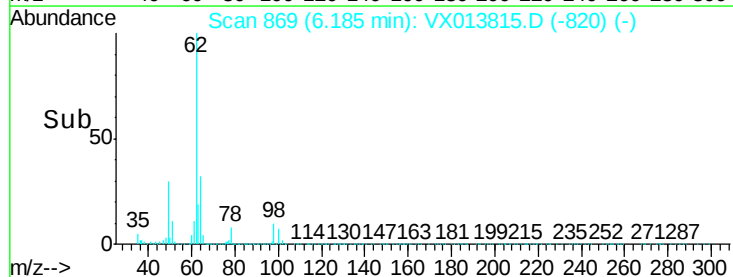
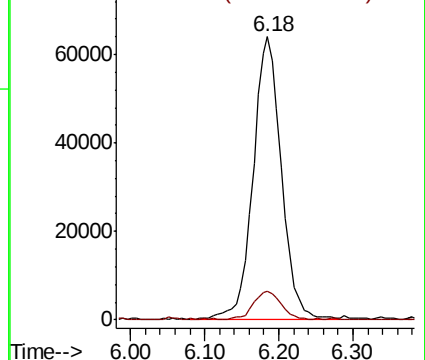


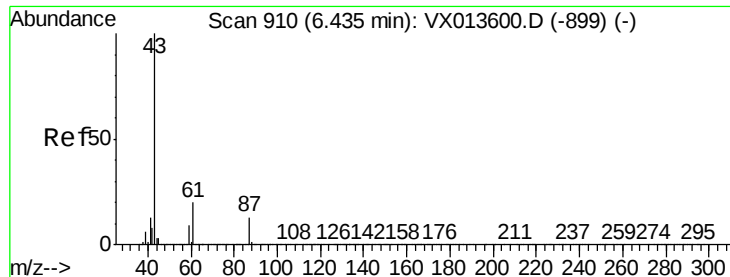
#42
1,2-Dichloroethane
Concen: 19.472 ug/l
RT: 6.18 min Scan# 869
Delta R.T. -0.00 min
Lab File: VX013815.D
Acq: 06 Dec 2019 22:04

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.1	0.0	20.8



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0





#43

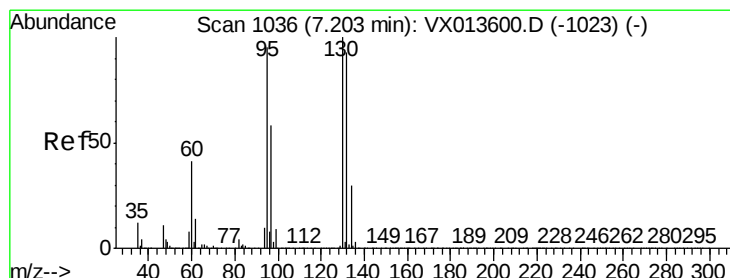
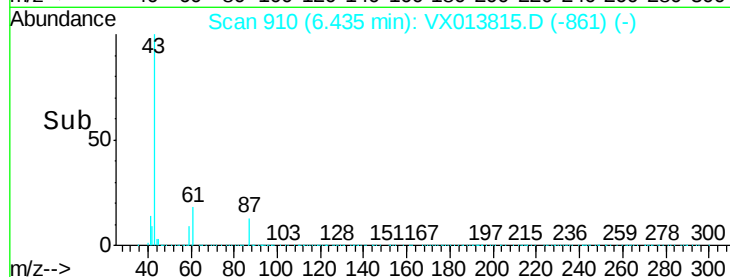
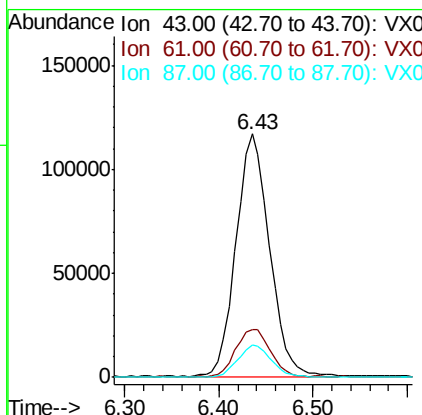
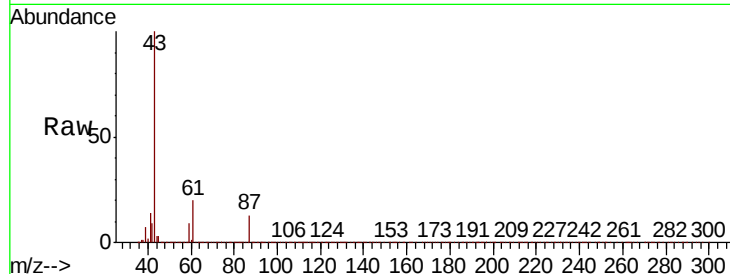
Isopropyl Acetate
 Concen: 18.769 ug/l
 RT: 6.43 min Scan# 910
 Delta R.T. -0.00 min
 Lab File: VX013815.D
 Acq: 06 Dec 2019 22:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1206WBSD02

Tot Ion	43	Resp	288603
Ion Ratio	Lower	Upper	
43	100		
61	20.6	16.3	24.5
87	13.8	10.8	16.2

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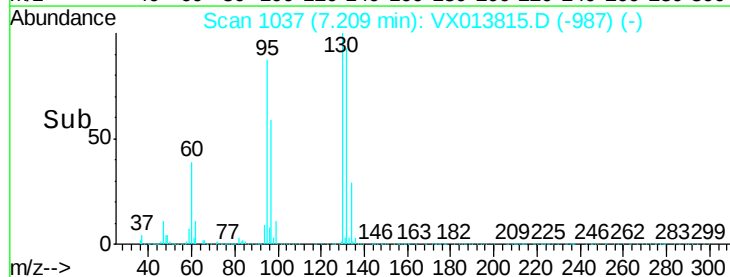
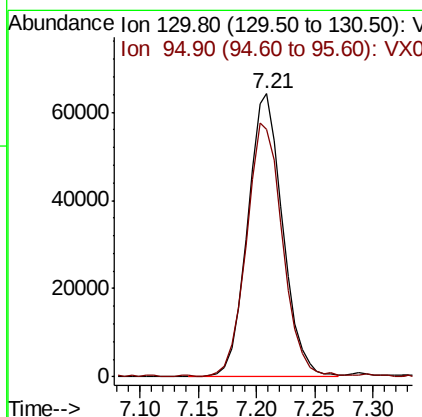
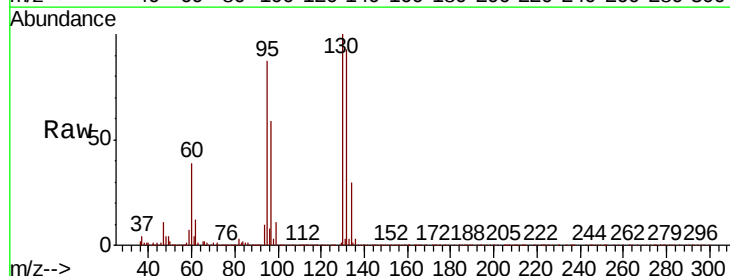
apatel
 12/9/2019 9:08:14 AM

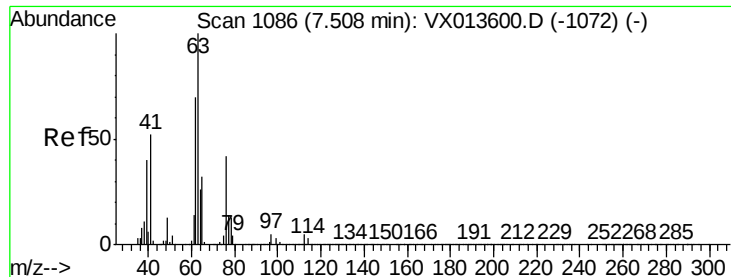


#44

Trichloroethene
 Concen: 19.308 ug/l
 RT: 7.21 min Scan# 1037
 Delta R.T. 0.01 min
 Lab File: VX013815.D
 Acq: 06 Dec 2019 22:04

Tgt Ion	130	Resp	134370
Ion Ratio	Lower	Upper	
130	100		
95	87.0	0.0	190.8





#45

1,2-Dichloropropane

Concen: 20.362 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX013815.D

Acq: 06 Dec 2019 22:04

Instrument :

MSVOA_X

ClientSampleId :

VX1206WBSD02

Tot Ion: 63 Resp: 129185

Ion Ratio Lower Upper

63 100

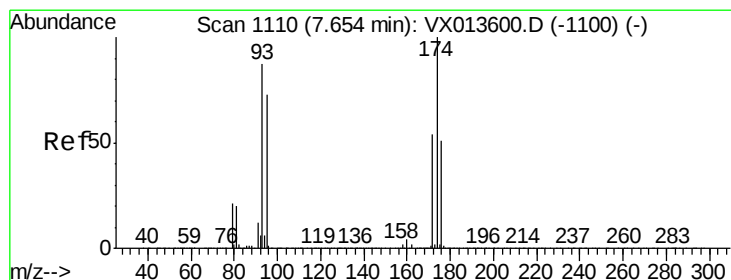
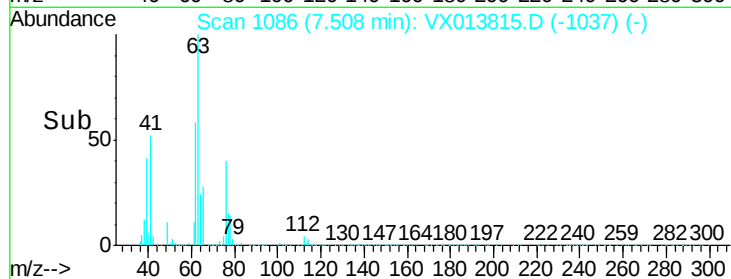
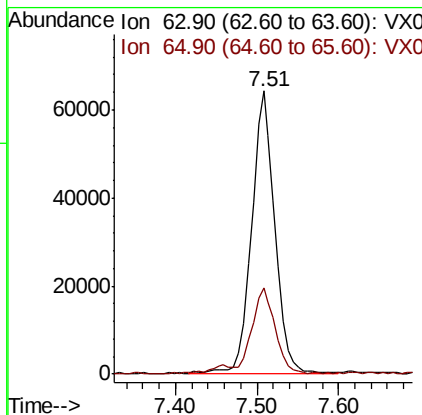
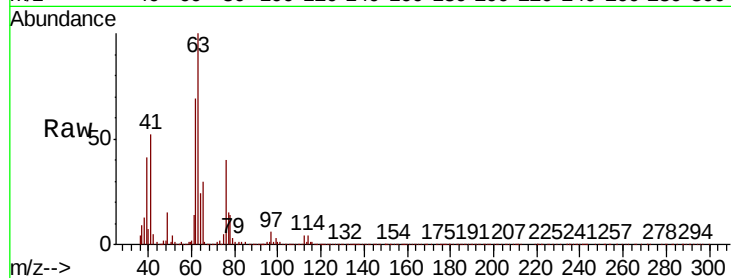
65 30.1 25.5 38.3

Manual Integrations

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#46

Dibromomethane

Concen: 18.877 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. -0.00 min

Lab File: VX013815.D

Acq: 06 Dec 2019 22:04

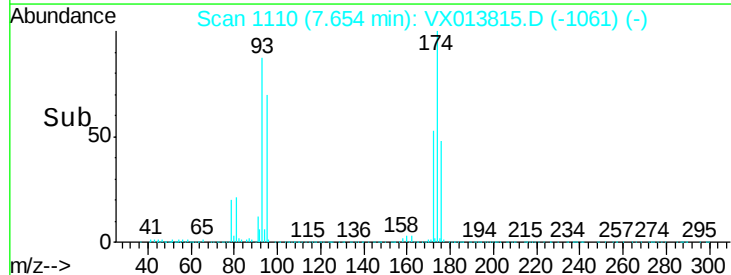
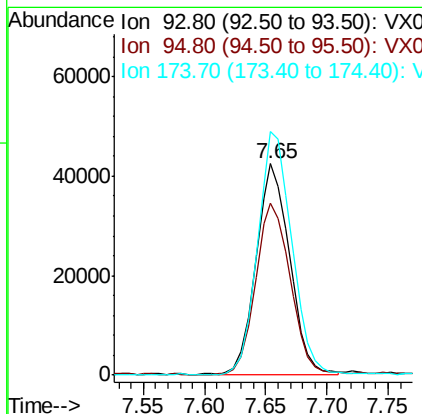
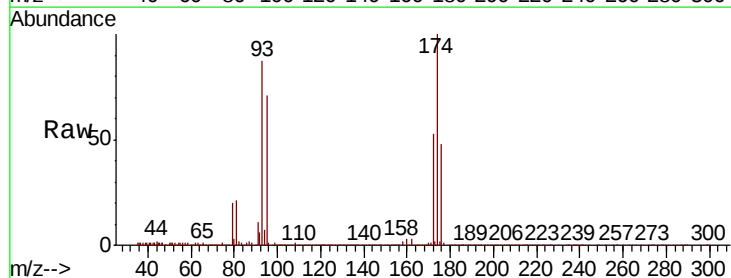
Tgt Ion: 93 Resp: 81338

Ion Ratio Lower Upper

93 100

95 83.3 66.2 99.2

174 117.7 93.4 140.0





#47

Bromodichloromethane

Concen: 19.471 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX013815.D

Acq: 06 Dec 2019 22:04

Instrument :

MSVOA_X

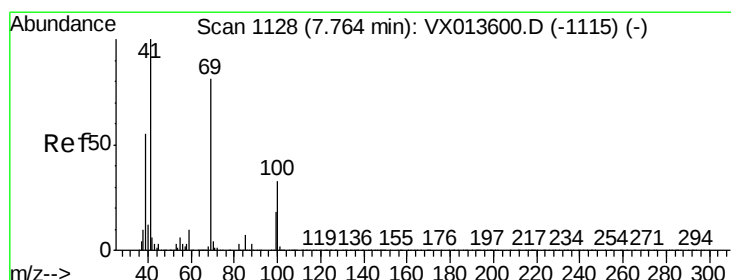
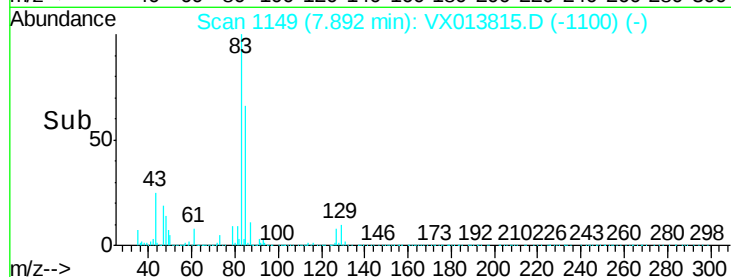
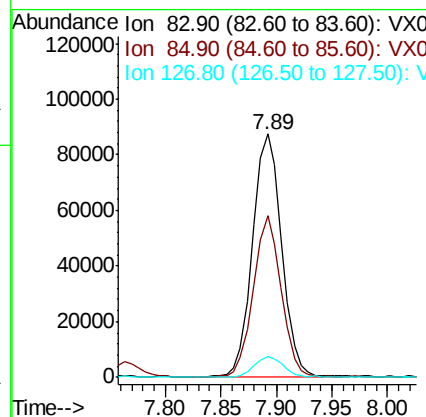
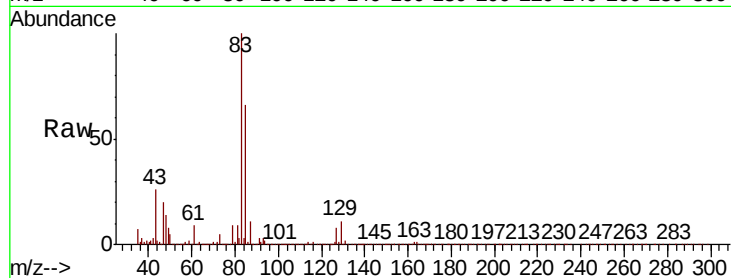
ClientSampleId :

VX1206WBSD02

Tot Ion:	83	Resp:	158609
Ion Ratio	Lower	Upper	
83	100		
85	66.4	52.1	78.1
127	8.3	7.0	10.4

Manual Integrations
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#48

Methyl methacrylate

Concen: 19.241 ug/l

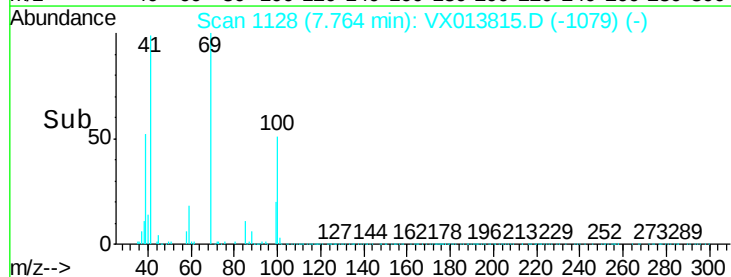
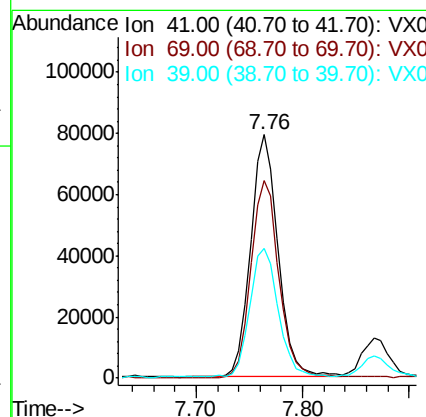
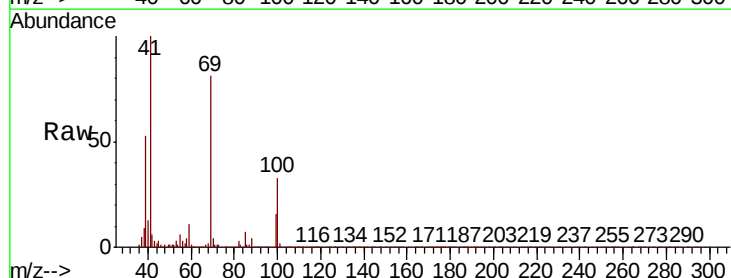
RT: 7.76 min Scan# 1128

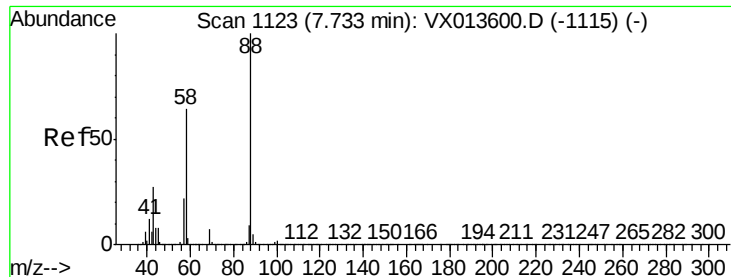
Delta R.T. -0.00 min

Lab File: VX013815.D

Acq: 06 Dec 2019 22:04

Tgt Ion:	41	Resp:	143751
Ion Ratio	Lower	Upper	
41	100		
69	83.3	64.7	97.1
39	54.6	43.8	65.6





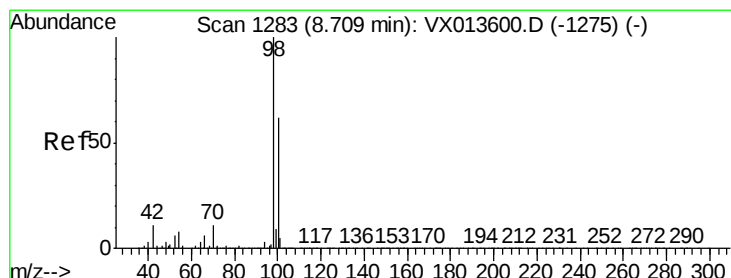
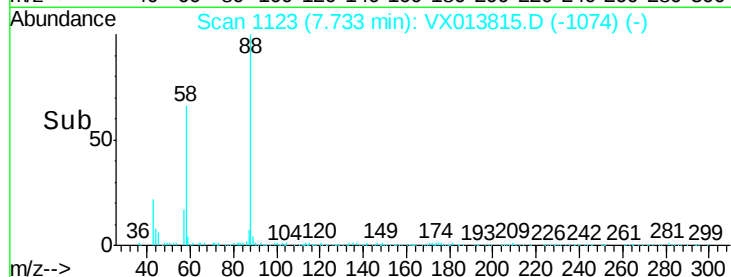
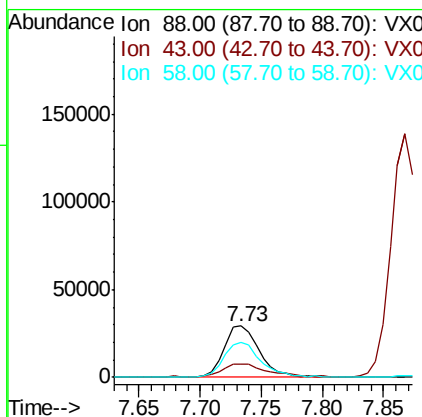
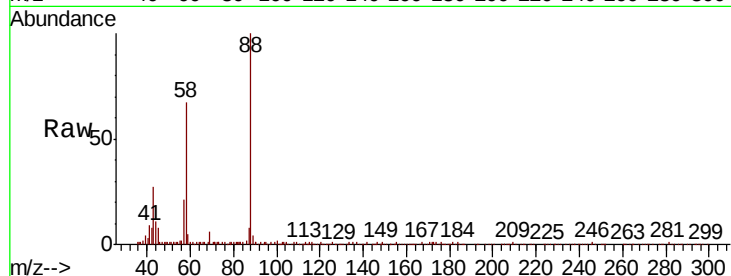
#49
1,4-Dioxane
Concen: 342.053 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. -0.00 min
Lab File: VX013815.D
Acq: 06 Dec 2019 22:04

Instrument :
MSVOA_X
ClientSampleId :
VX1206WBSD02

Tot Ion	Ratio	Lower	Upper
88	100		
43	32.7	25.8	38.6
58	70.9	54.6	82.0

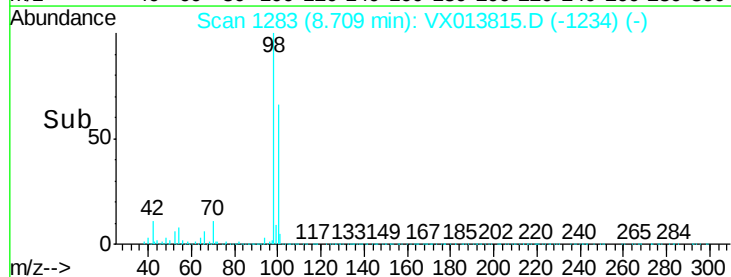
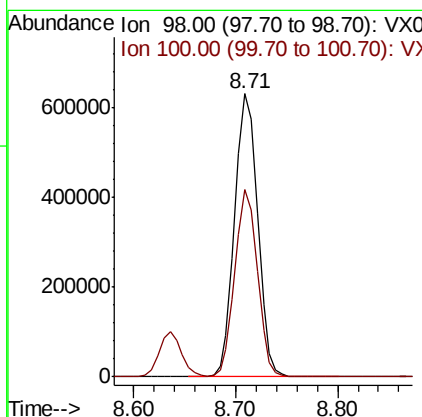
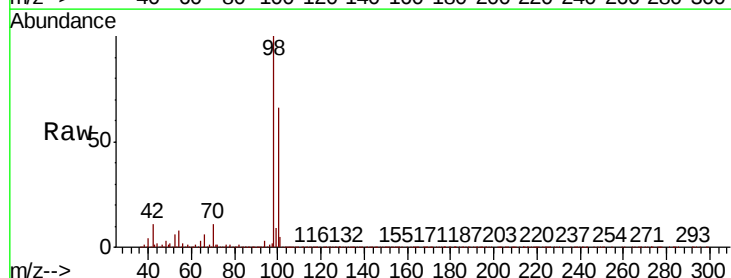
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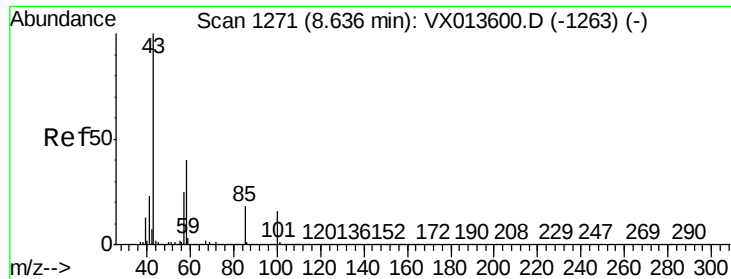
apatel
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#50
Toluene-d8
Concen: 44.559 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX013815.D
Acq: 06 Dec 2019 22:04

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.0	53.1	79.7





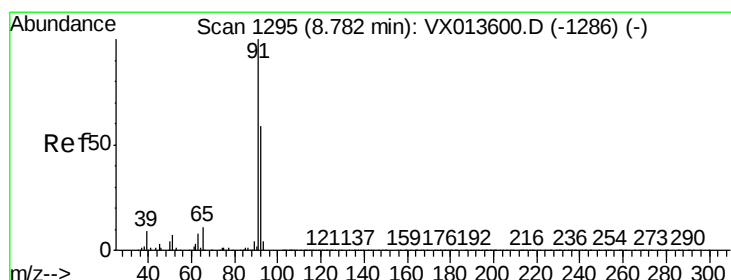
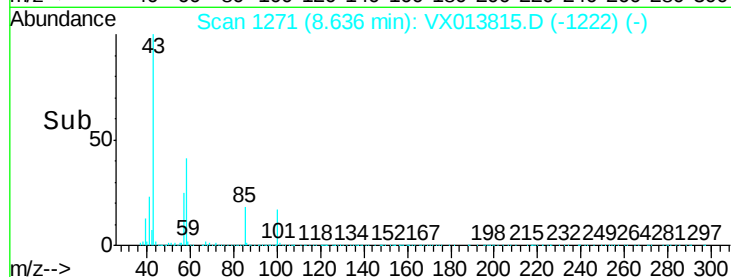
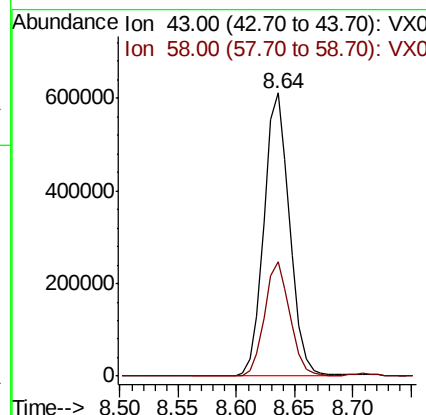
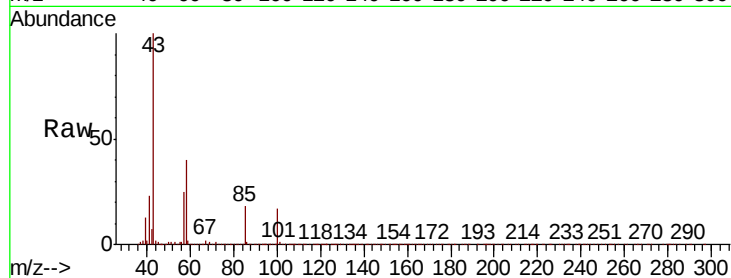
#51
4-Methyl-2-Pentanone
Concen: 97.320 ug/l
RT: 8.64 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VX013815.D
Acq: 06 Dec 2019 22:04

Instrument :
MSVOA_X
ClientSampleId :
VX1206WBSD02

Tot Ion	Ratio	Lower	Upper
43	100		
58	39.5	32.1	48.1

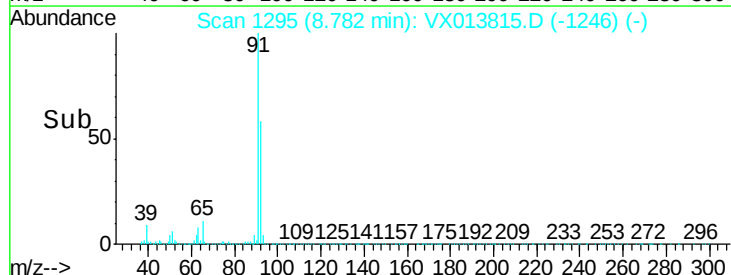
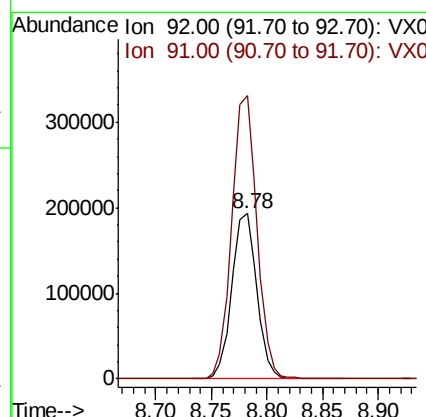
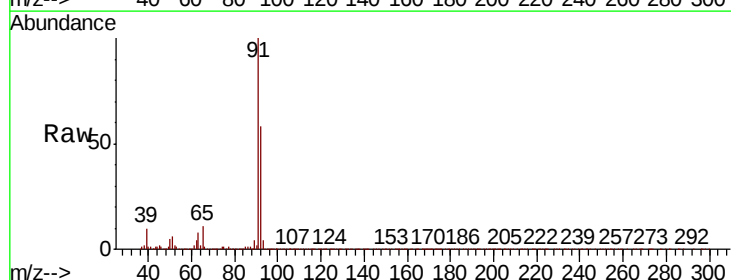
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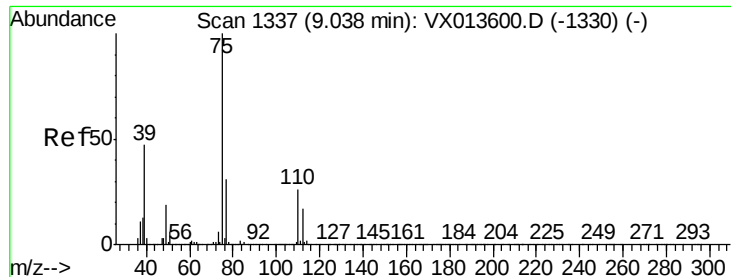
apatel
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#52
Toluene
Concen: 19.045 ug/l
RT: 8.78 min Scan# 1295
Delta R.T. -0.00 min
Lab File: VX013815.D
Acq: 06 Dec 2019 22:04

Tgt Ion	Ratio	Lower	Upper
92	100		
91	172.7	136.2	204.2





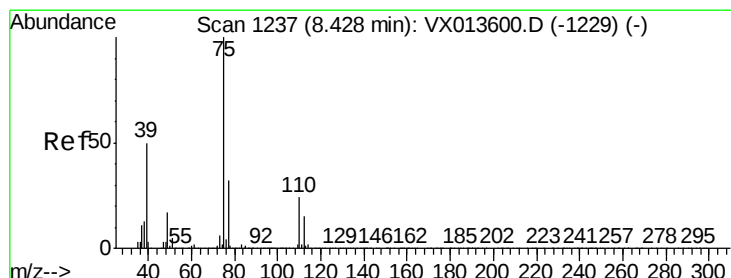
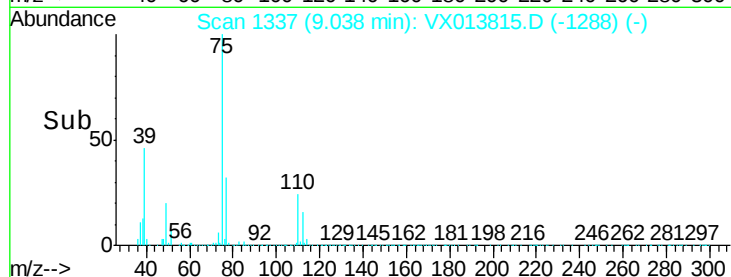
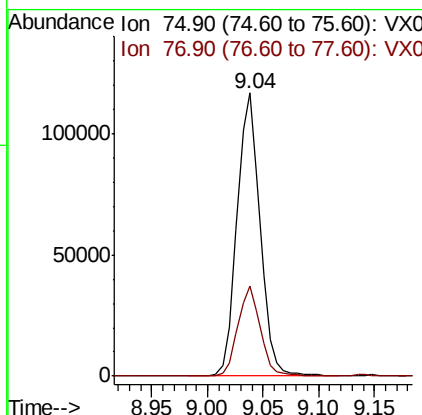
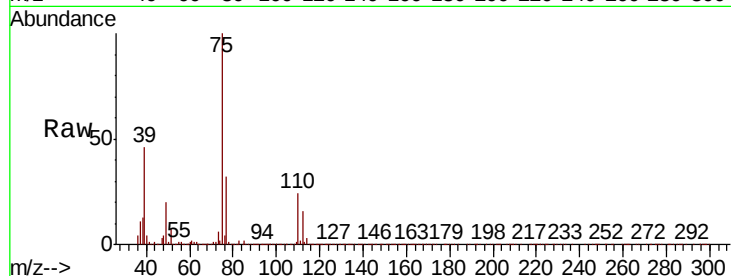
#53
t-1,3-Dichloropropene
Concen: 17.917 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. -0.00 min
Lab File: VX013815.D
Acq: 06 Dec 2019 22:04

Instrument :
MSVOA_X
ClientSampleId :
VX1206WBSD02

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.6	24.4	36.6

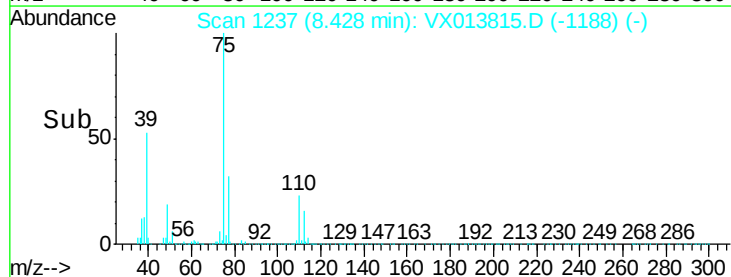
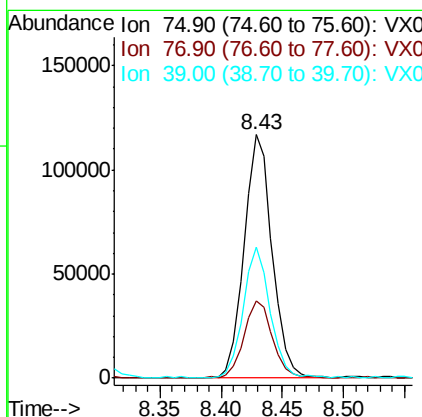
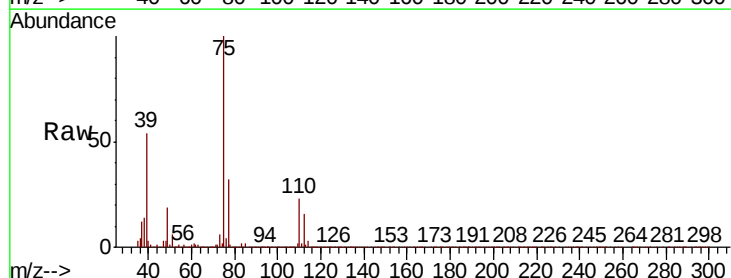
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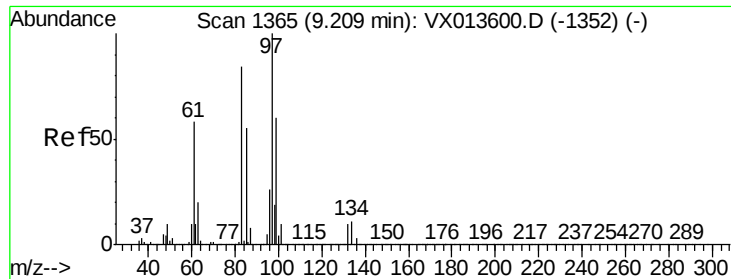
apatel
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#54
cis-1,3-Dichloropropene
Concen: 18.278 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VX013815.D
Acq: 06 Dec 2019 22:04

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.7	25.8	38.6
39	53.5	39.9	59.9





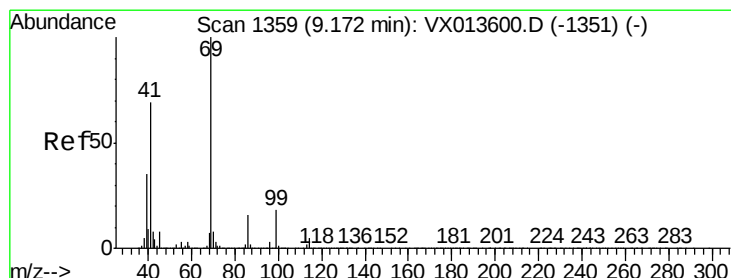
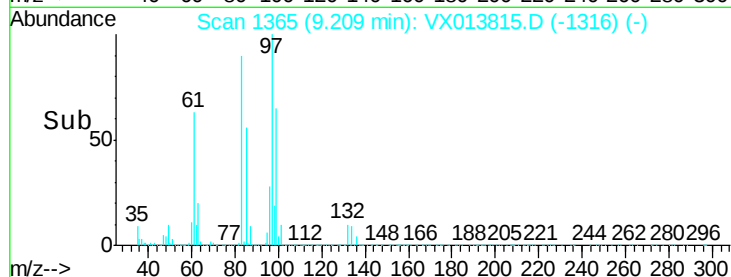
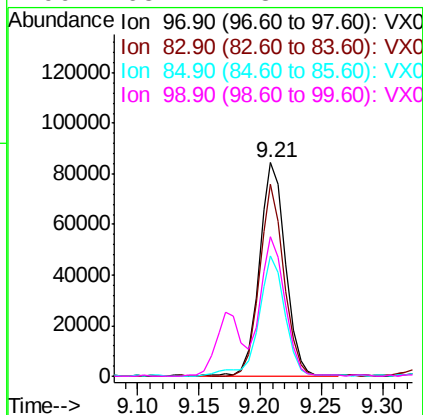
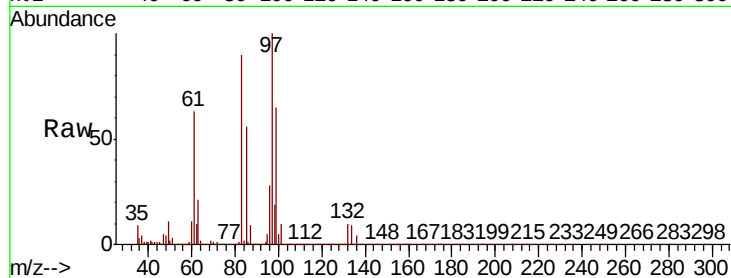
#55
 1,1,2-Trichloroethane
 Concen: 19.678 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX013815.D
 Acq: 06 Dec 2019 22:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1206WBSD02

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		124916		
83	90.1	67.3	100.9		
85	56.3	43.6	65.4		
99	65.2	48.2	72.4		

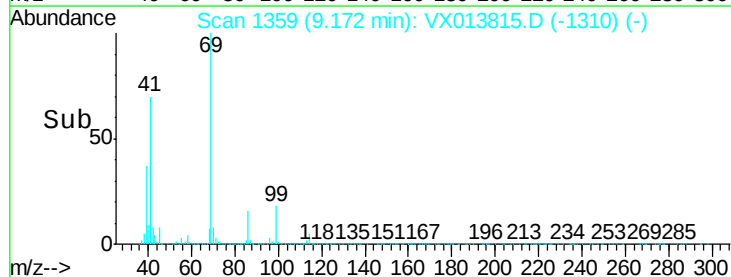
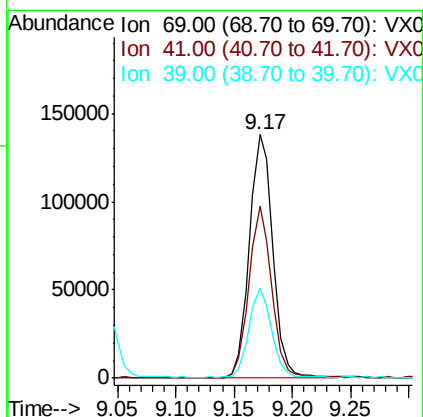
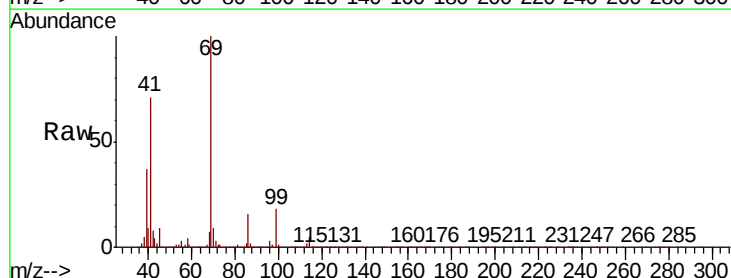
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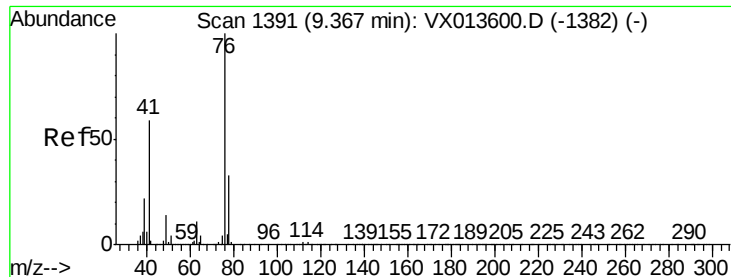
apatel
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#56
 Ethyl methacrylate
 Concen: 19.040 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. -0.00 min
 Lab File: VX013815.D
 Acq: 06 Dec 2019 22:04

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		194327		
41	68.9	55.0	82.4		
39	35.9	28.7	43.1		





#57

1,3-Dichloropropane

Concen: 19.614 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VX013815.D

Acq: 06 Dec 2019 22:04

Instrument :

MSVOA_X

ClientSampleId :

VX1206WBSD02

Tot Ion: 76 Resp: 214614

Ion Ratio Lower Upper

76 100

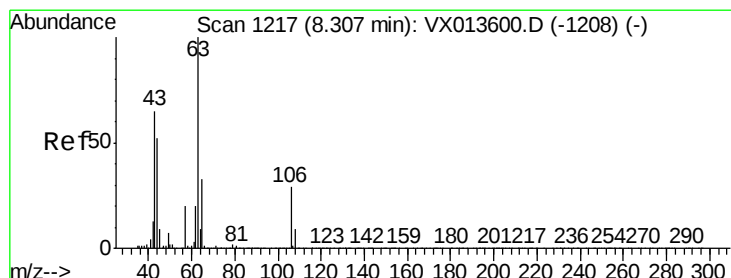
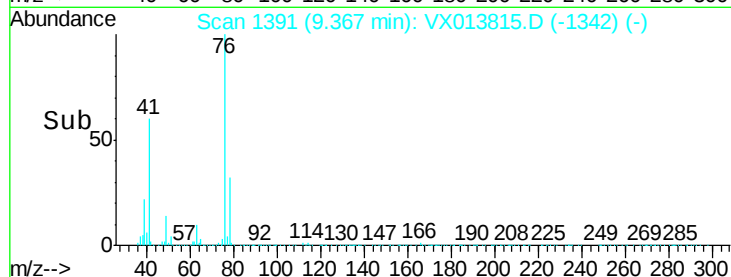
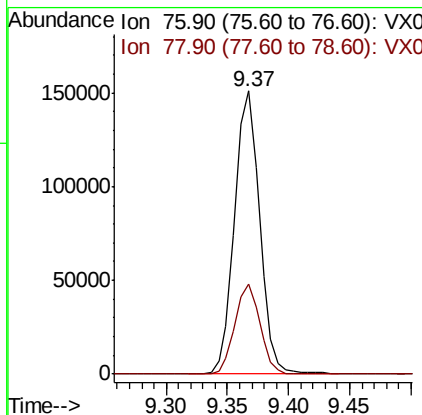
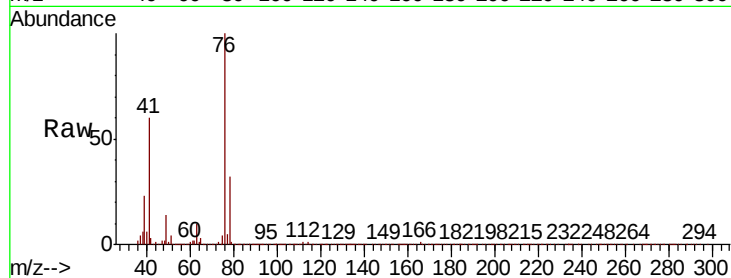
78 31.7 26.0 39.0

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 92.407 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. -0.00 min

Lab File: VX013815.D

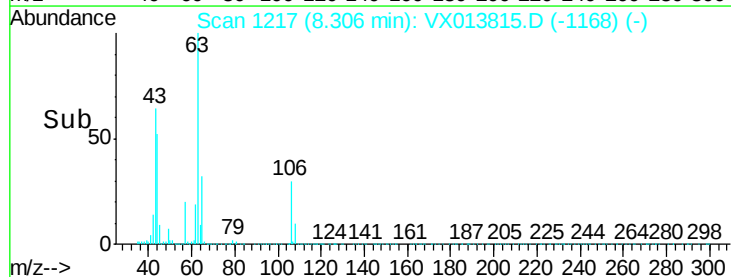
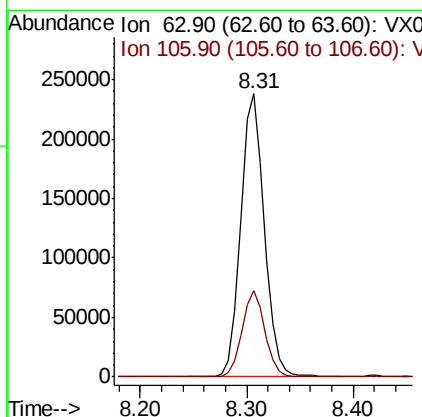
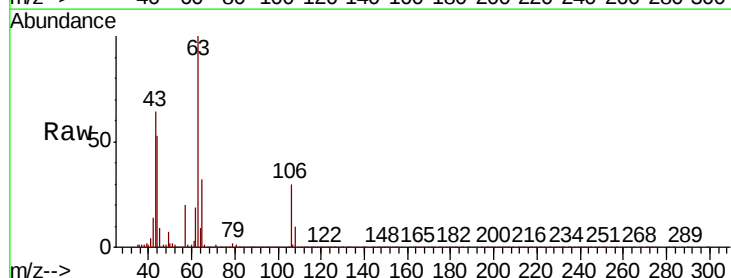
Acq: 06 Dec 2019 22:04

Tgt Ion: 63 Resp: 369775

Ion Ratio Lower Upper

63 100

106 29.8 23.4 35.0





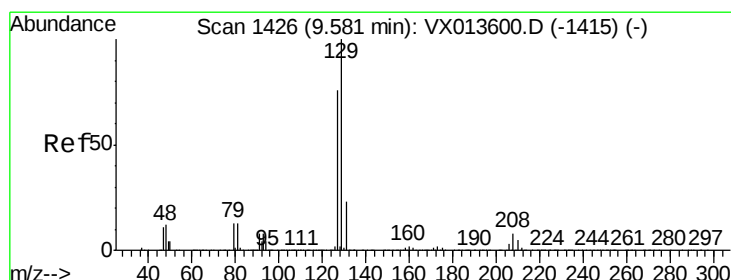
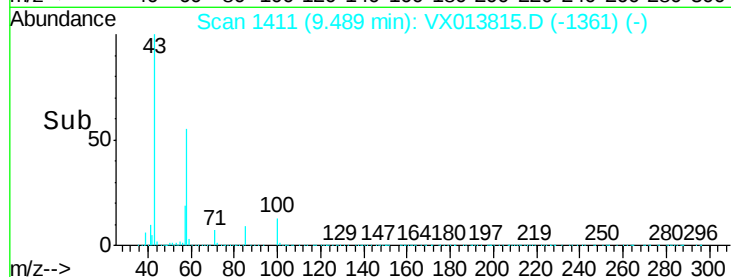
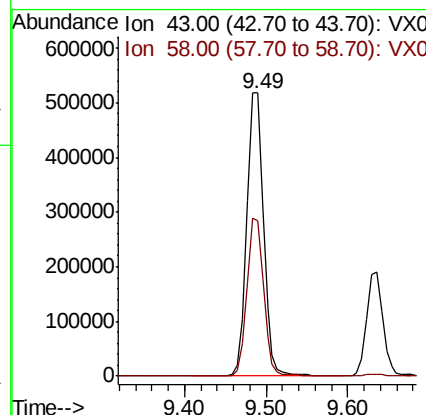
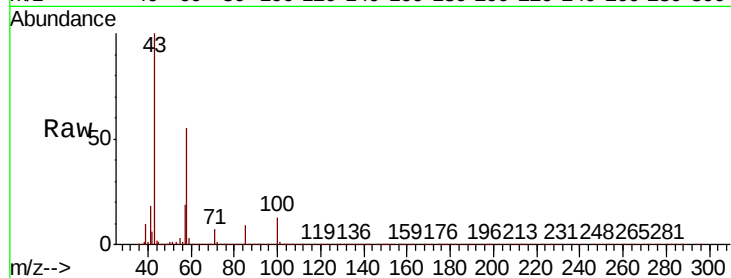
#59
2-Hexanone
Concen: 96.986 ug/l
RT: 9.49 min Scan# 1411
Delta R.T. 0.01 min
Lab File: VX013815.D
Acq: 06 Dec 2019 22:04

Instrument :
MSVOA_X
ClientSampleId :
VX1206WBSD02

Tot Ion: 43 Resp: 731635
Ion Ratio Lower Upper
43 100
58 55.6 28.1 84.4

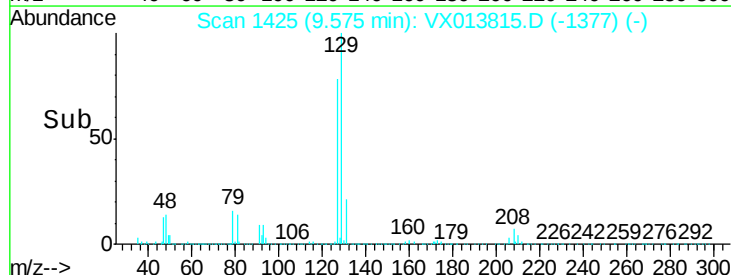
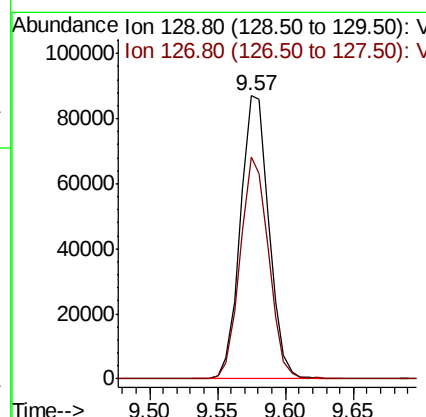
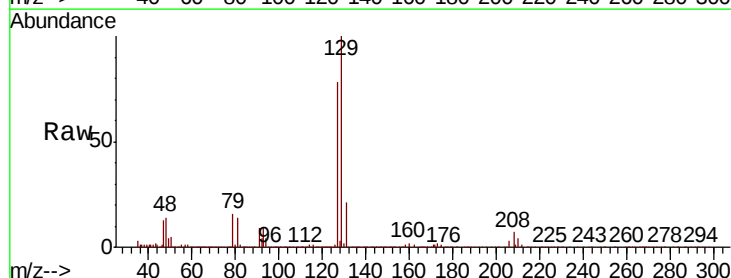
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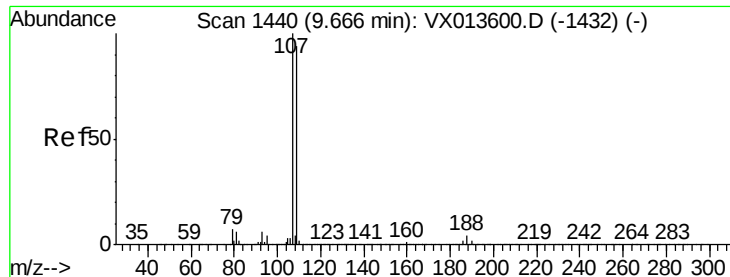
apatel
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#60
Dibromochloromethane
Concen: 19.288 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX013815.D
Acq: 06 Dec 2019 22:04

Tgt Ion: 129 Resp: 127067
Ion Ratio Lower Upper
129 100
127 79.0 38.5 115.5





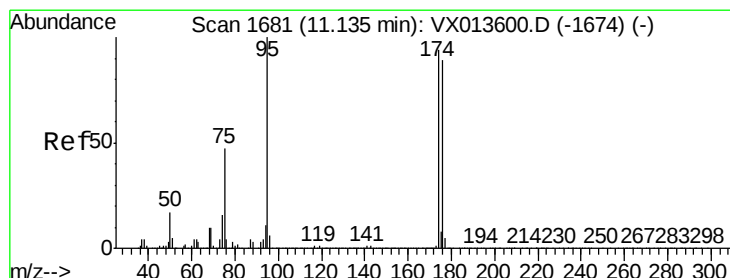
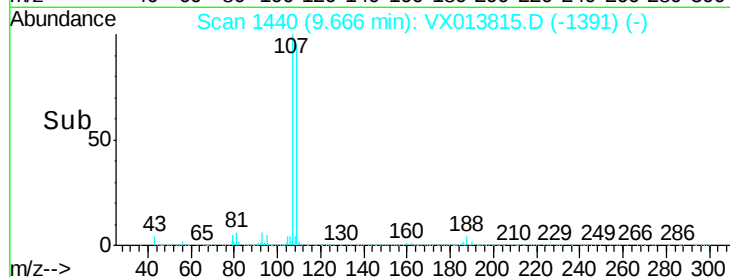
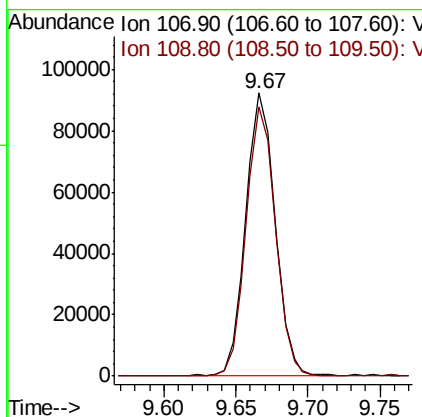
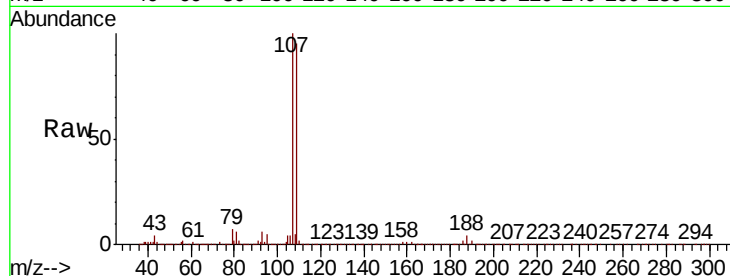
#61
 1,2-Dibromoethane
 Concen: 19.267 ug/l
 RT: 9.67 min Scan# 1440
 Delta R.T. -0.00 min
 Lab File: VX013815.D
 Acq: 06 Dec 2019 22:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1206WBSD02

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.5	76.1	114.1

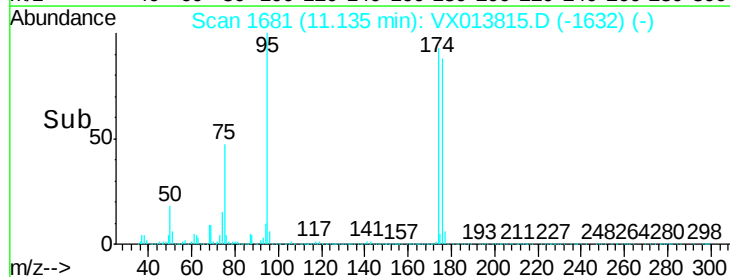
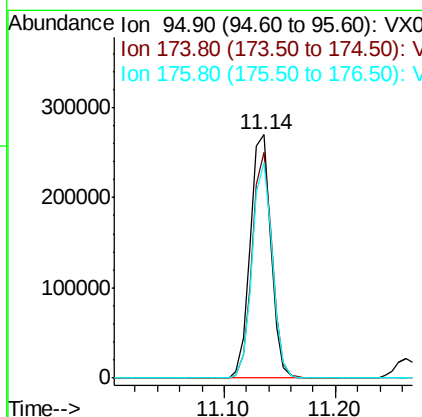
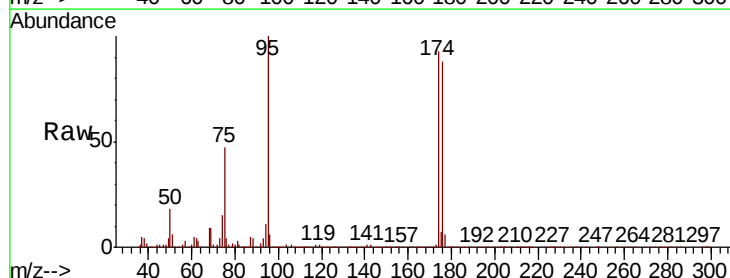
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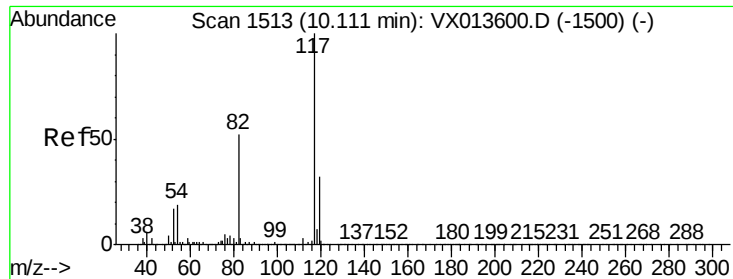
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#62
 4-Bromofluorobenzene
 Concen: 44.101 ug/l
 RT: 11.14 min Scan# 1681
 Delta R.T. -0.00 min
 Lab File: VX013815.D
 Acq: 06 Dec 2019 22:04

Tgt Ion	Ratio	Lower	Upper
95	100		
174	89.2	0.0	180.0
176	86.0	0.0	173.6





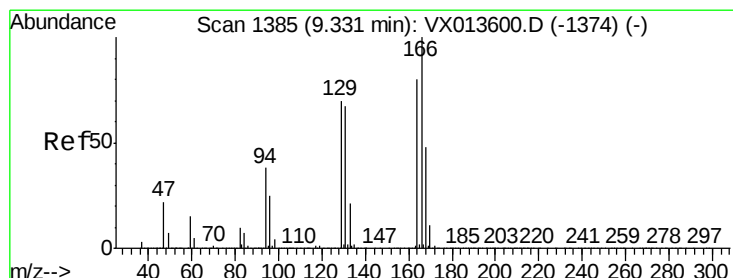
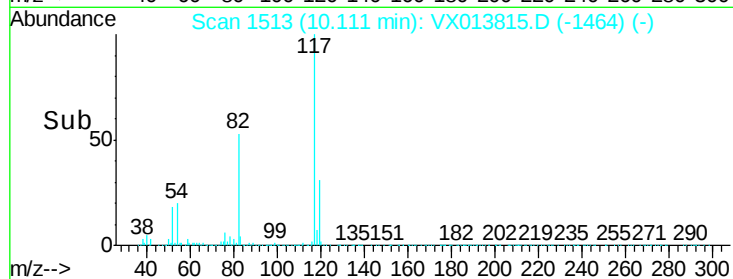
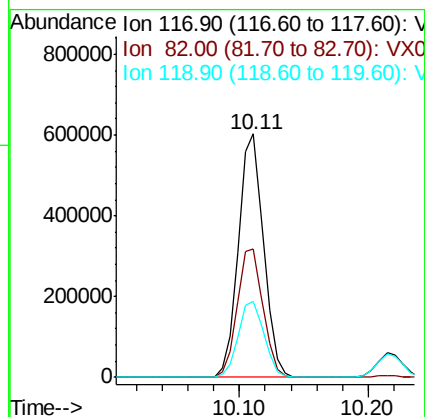
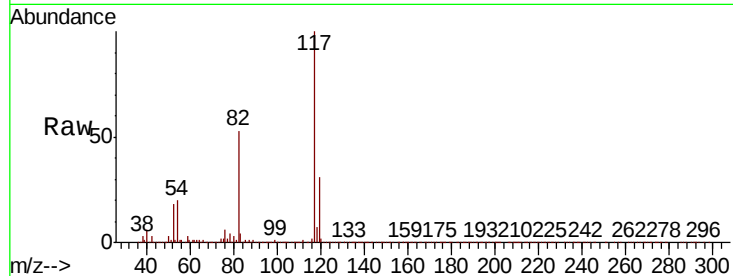
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX013815.D
Acq: 06 Dec 2019 22:04

Instrument :
MSVOA_X
ClientSampleId :
VX1206WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
117	100	818489		
82	52.6		41.8	62.8
119	31.3		25.8	38.8

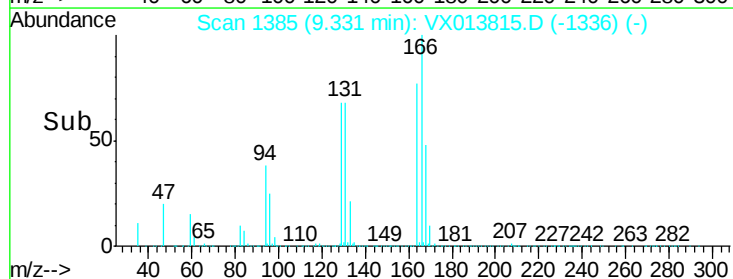
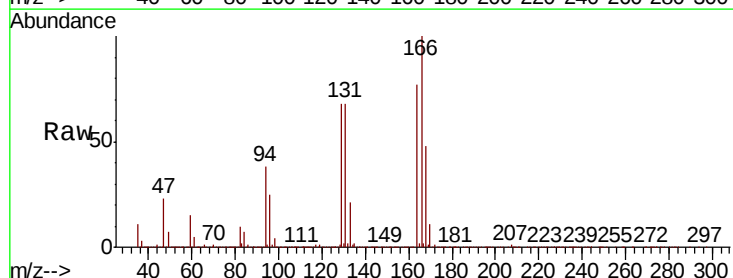
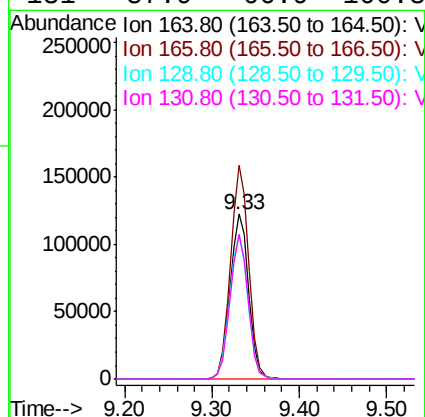
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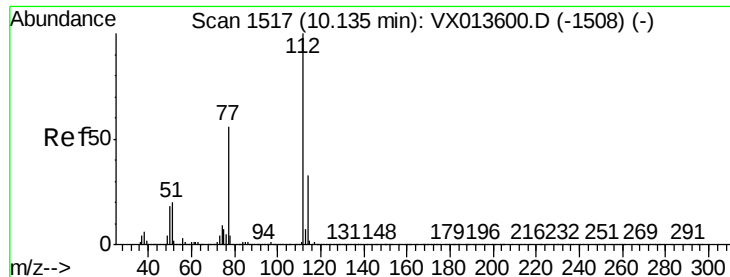
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#64
Tetrachloroethene
Concen: 29.302 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX013815.D
Acq: 06 Dec 2019 22:04

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	178853		
166	129.7		99.7	149.5
129	88.1		70.1	105.1
131	87.9		66.9	100.3





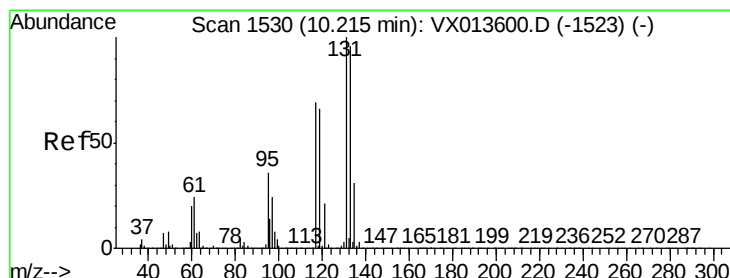
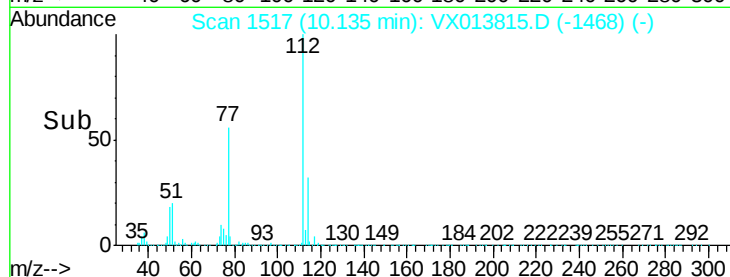
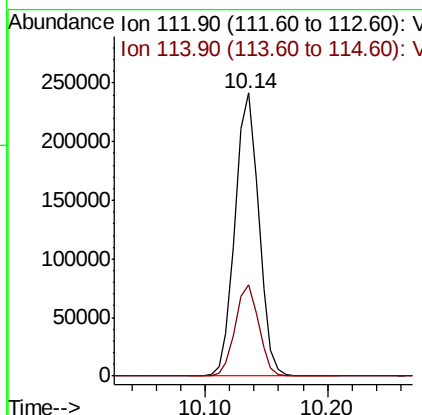
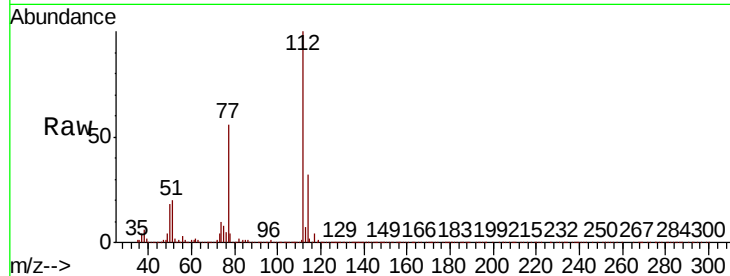
#65
Chlorobenzene
Concen: 19.010 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VX013815.D
Acq: 06 Dec 2019 22:04

Instrument :
MSVOA_X
ClientSampleId :
VX1206WBSD02

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.3	26.1	39.1

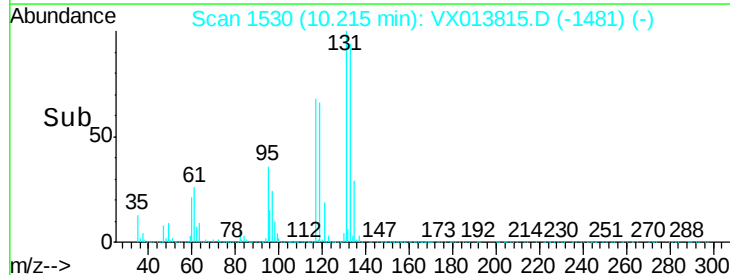
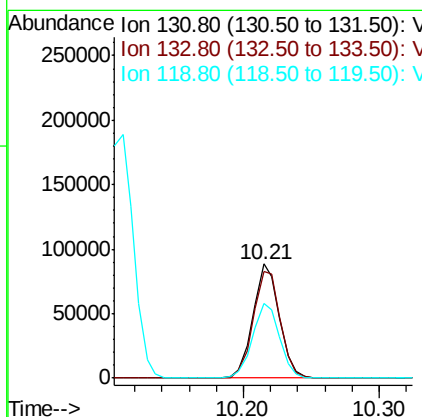
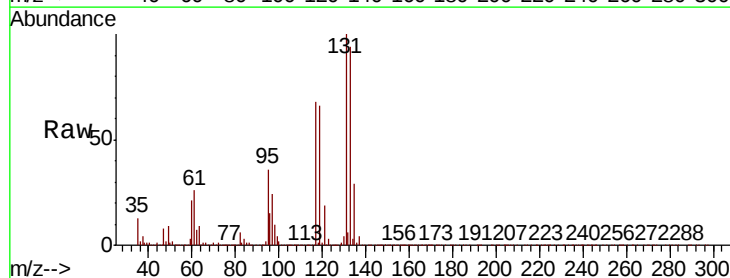
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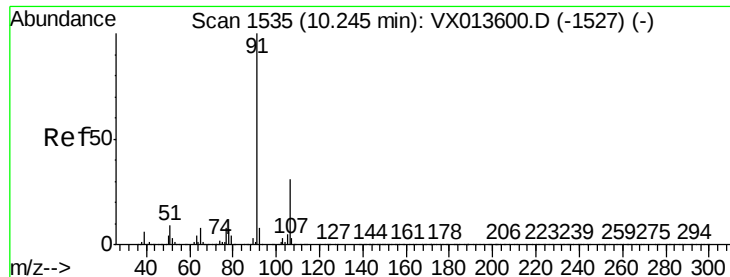
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#66
1,1,1,2-Tetrachloroethane
Concen: 19.642 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. -0.00 min
Lab File: VX013815.D
Acq: 06 Dec 2019 22:04

Tgt Ion	Ratio	Lower	Upper
131	100		
133	96.5	47.7	143.1
119	67.1	32.9	98.6





#67

Ethyl Benzene

Concen: 19.410 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. -0.00 min

Lab File: VX013815.D

Acq: 06 Dec 2019 22:04

Instrument :

MSVOA_X

ClientSampleId :

VX1206WBSD02

Tot Ion: 91 Resp: 566794

Ion Ratio Lower Upper

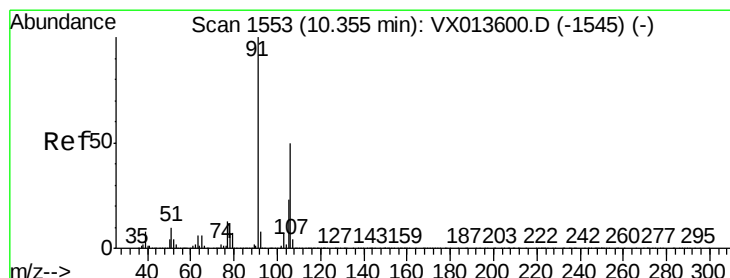
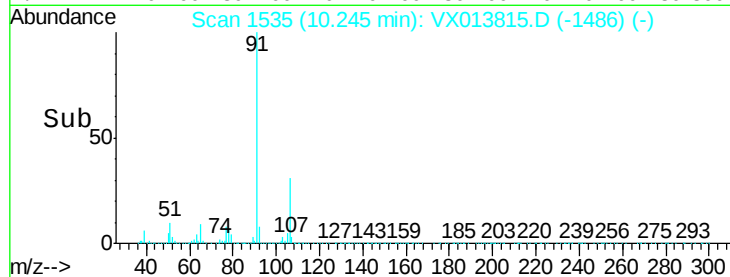
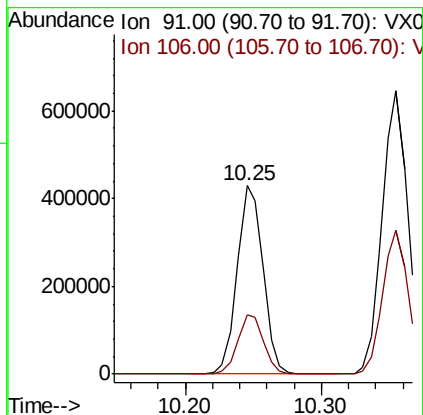
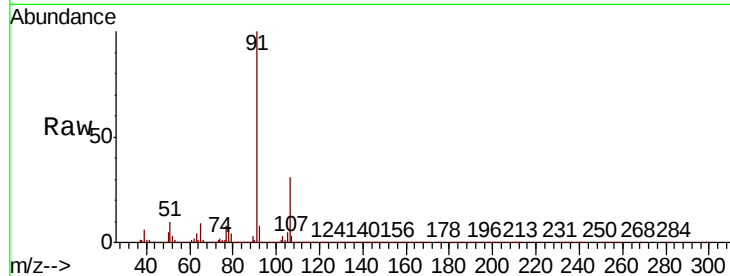
91 100

106 31.4 24.5 36.7

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#68

m/p-Xylenes

Concen: 38.578 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. -0.00 min

Lab File: VX013815.D

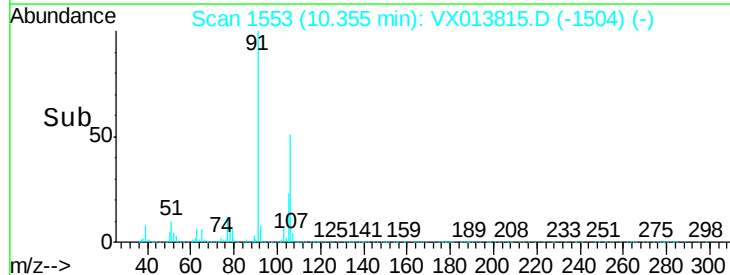
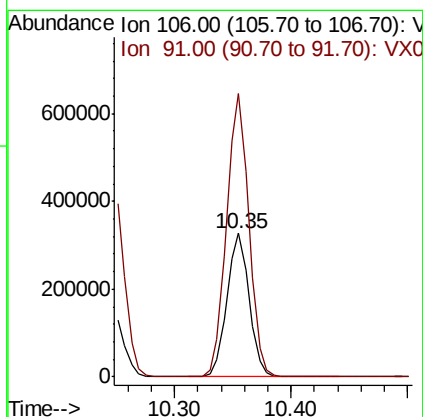
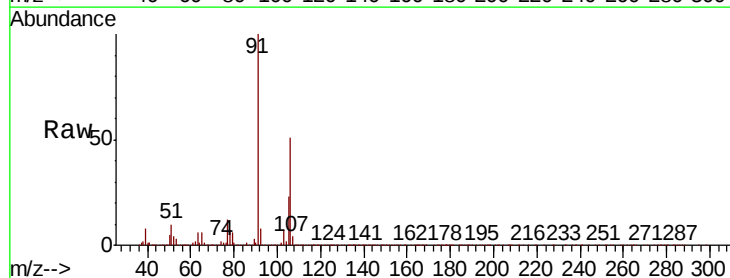
Acq: 06 Dec 2019 22:04

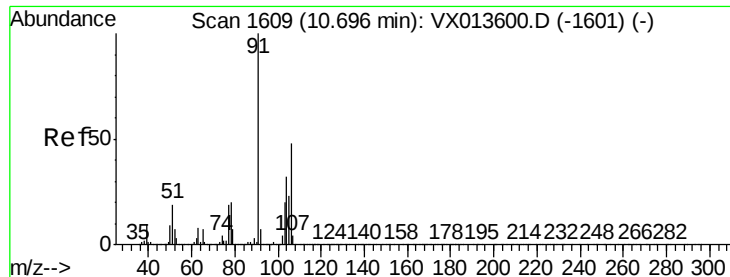
Tgt Ion: 106 Resp: 431304

Ion Ratio Lower Upper

106 100

91 199.1 159.0 238.4





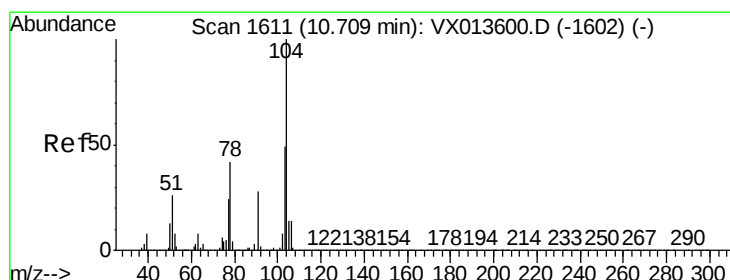
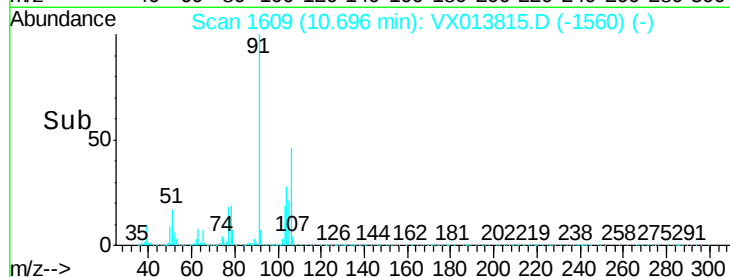
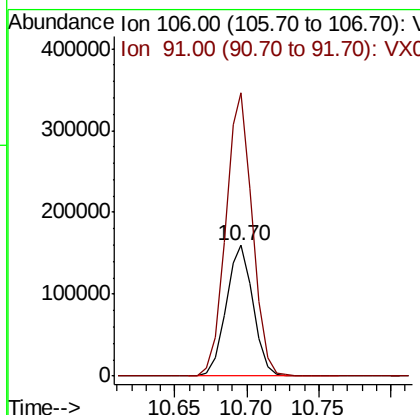
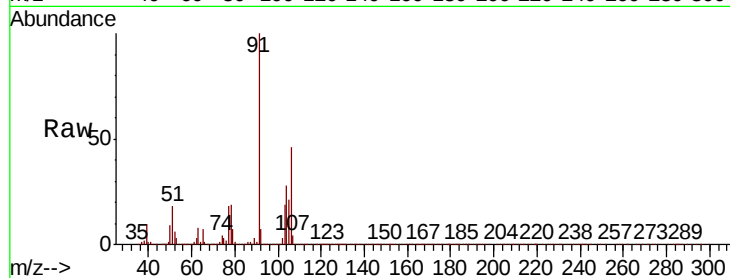
#69
o-Xylene
Concen: 19.217 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX013815.D
Acq: 06 Dec 2019 22:04

Instrument :
MSVOA_X
ClientSampleId :
VX1206WBSD02

Tot Ion	Ratio	Lower	Upper
106	100		
91	213.7	104.1	312.2

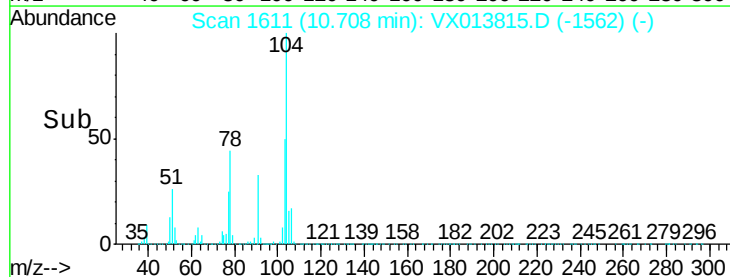
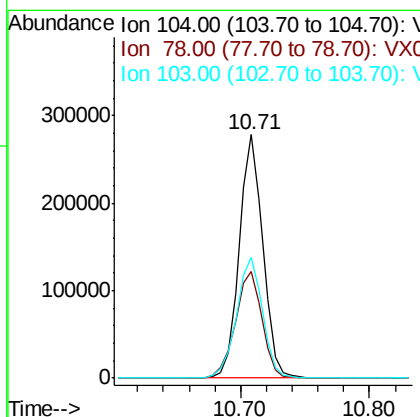
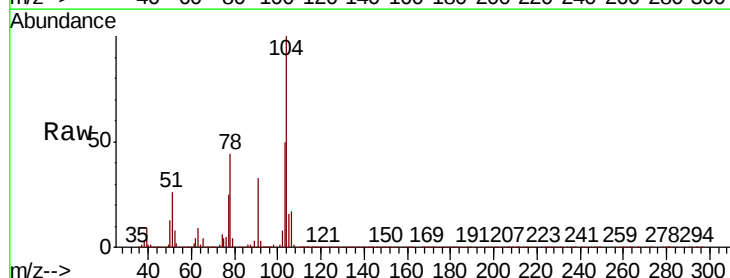
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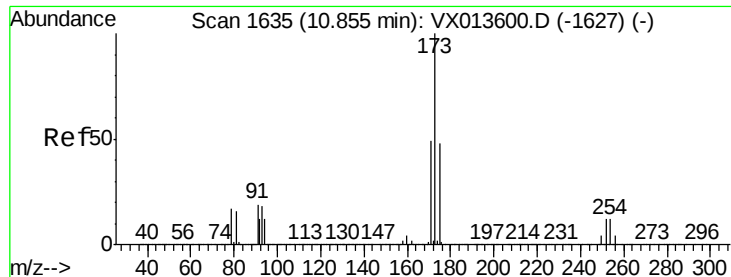
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#70
Styrene
Concen: 19.204 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX013815.D
Acq: 06 Dec 2019 22:04

Tgt Ion	Ratio	Lower	Upper
104	100		
78	49.7	38.5	57.7
103	55.0	43.7	65.5





#71

Bromoform

Concen: 18.493 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. -0.00 min

Lab File: VX013815.D

Acq: 06 Dec 2019 22:04

Instrument :

MSVOA_X

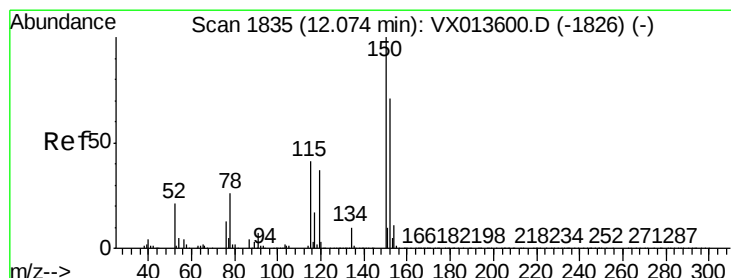
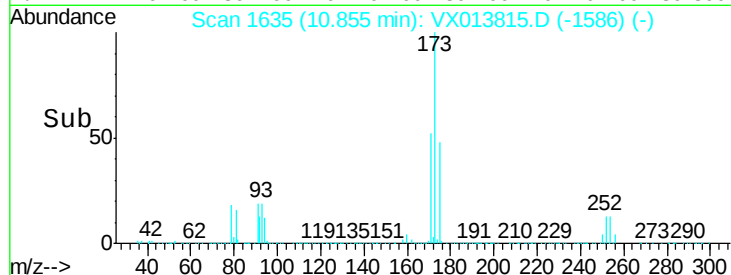
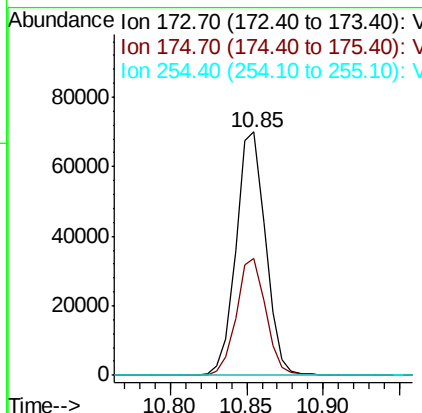
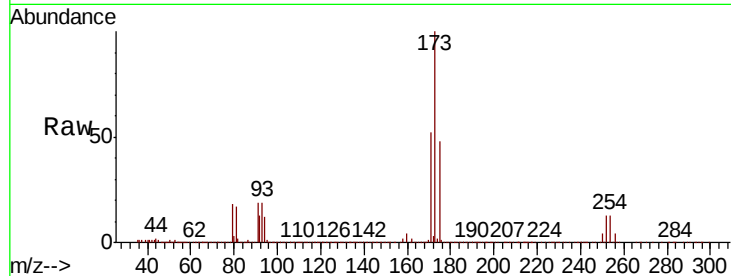
ClientSampleId :

VX1206WBSD02

Tot Ion:	173	Resp:	93371
Ion Ratio	Lower	Upper	
173	100		
175	48.0	24.3	72.8
254	0.4	0.2	0.4#

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

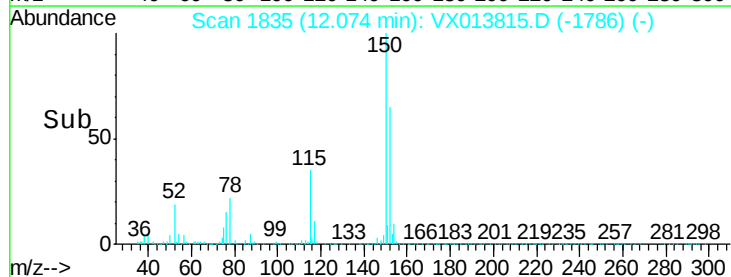
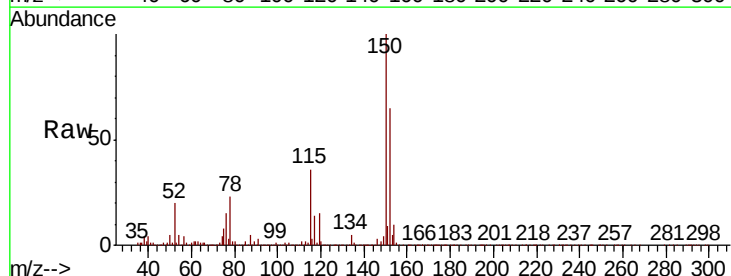
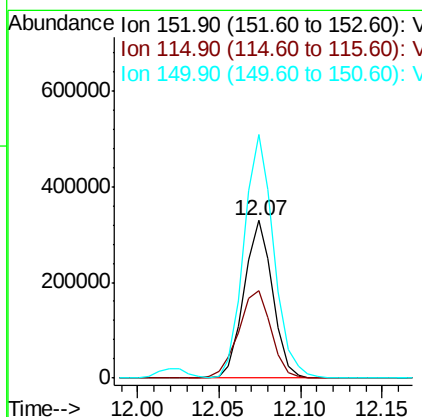
RT: 12.07 min Scan# 1835

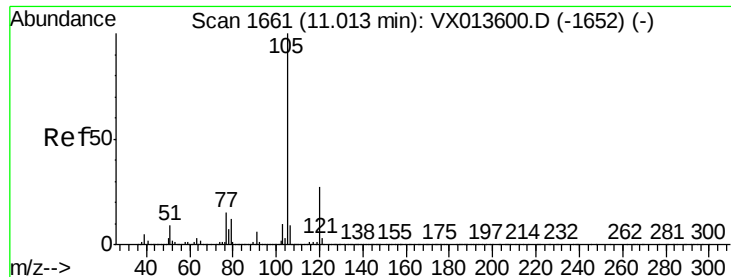
Delta R.T. -0.00 min

Lab File: VX013815.D

Acq: 06 Dec 2019 22:04

Tgt Ion:	152	Resp:	402037
Ion Ratio	Lower	Upper	
152	100		
115	63.4	38.4	115.1
150	161.2	0.0	346.8





#73

Isopropylbenzene

Concen: 19.659 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX013815.D

Acq: 06 Dec 2019 22:04

Instrument :

MSVOA_X

ClientSampleId :

VX1206WBSD02

Tot Ion: 105 Resp: 554408

Ion Ratio Lower Upper

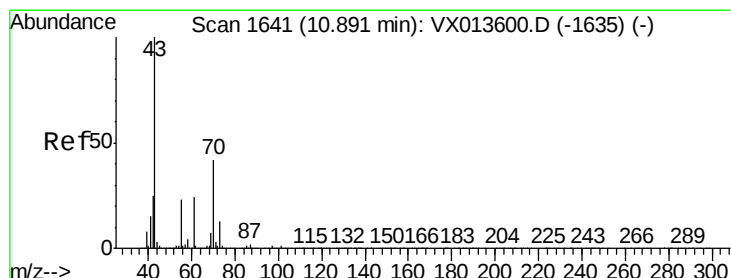
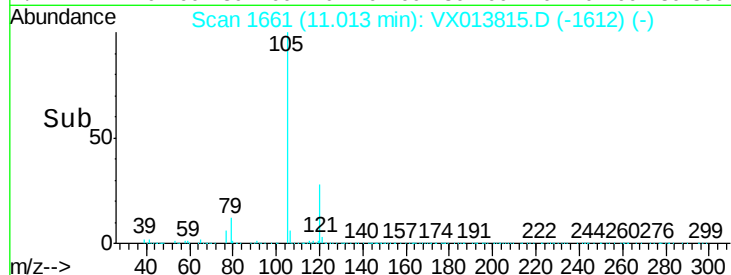
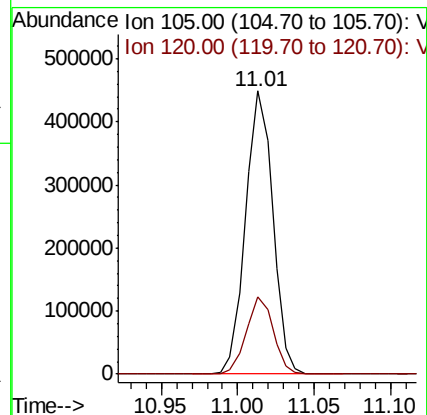
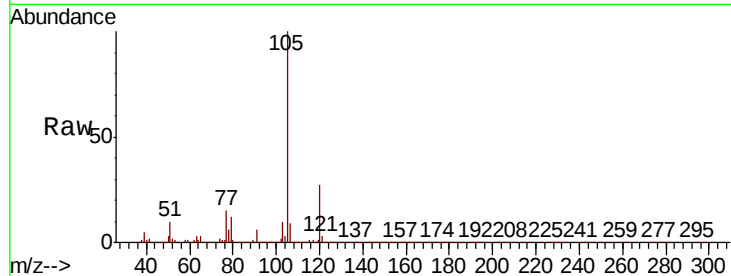
105 100

120 27.0 13.5 40.5

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#74

N-ethyl acetate

Concen: 19.137 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX013815.D

Acq: 06 Dec 2019 22:04

Tgt Ion: 43 Resp: 247221

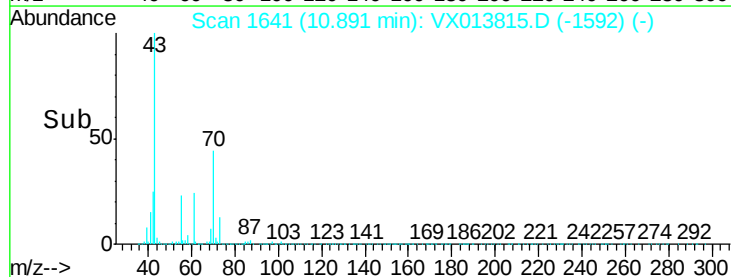
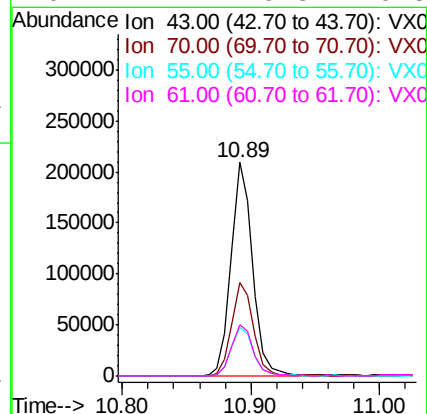
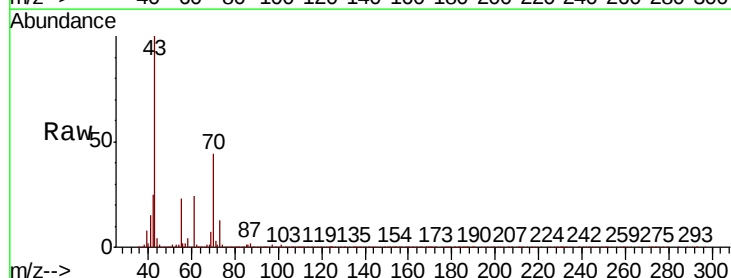
Ion Ratio Lower Upper

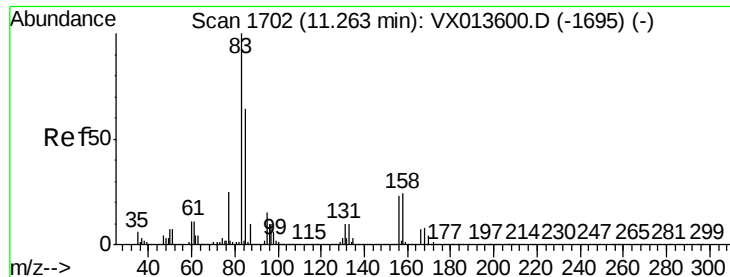
43 100

70 44.5 34.3 51.5

55 23.8 18.5 27.7

61 24.2 19.8 29.8





#75

1,1,2,2-Tetrachloroethane

Concen: 19.352 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX013815.D

Acq: 06 Dec 2019 22:04

Instrument :

MSVOA_X

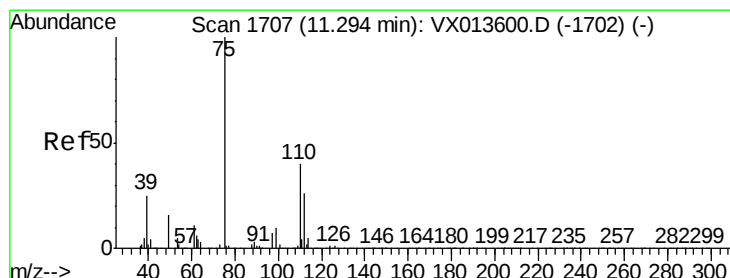
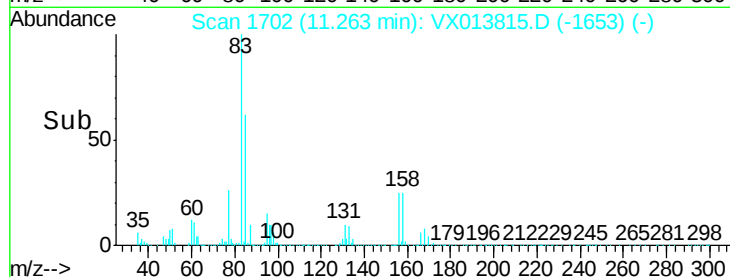
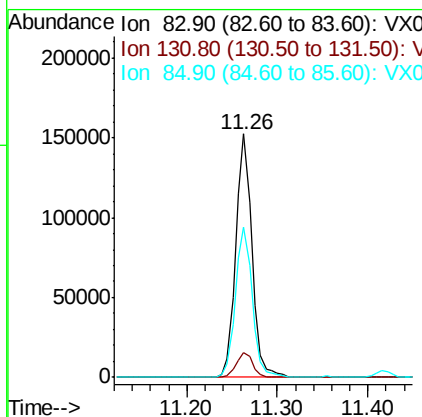
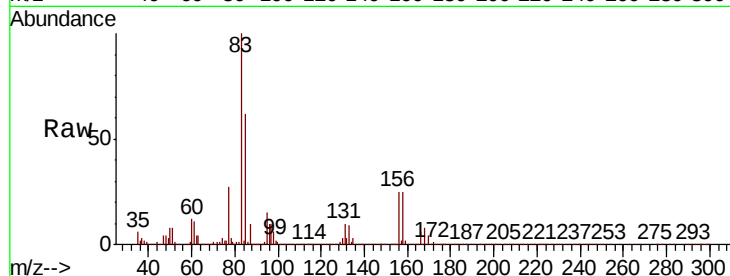
ClientSampleId :

VX1206WBSD02

Tot Ion:	83	Resp:	189266
Ion Ratio	Lower	Upper	
83	100		
131	10.6	5.1	15.3
85	64.0	31.8	95.3

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#76

1,2,3-Trichloropropane

Concen: 19.819 ug/l m

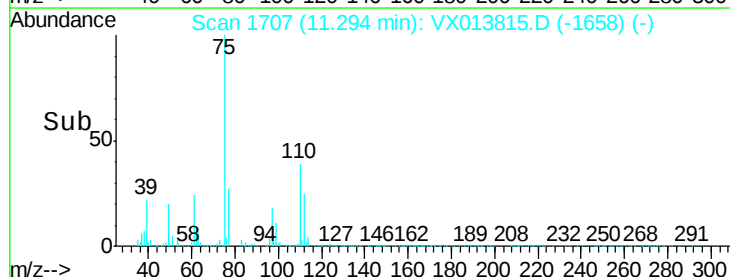
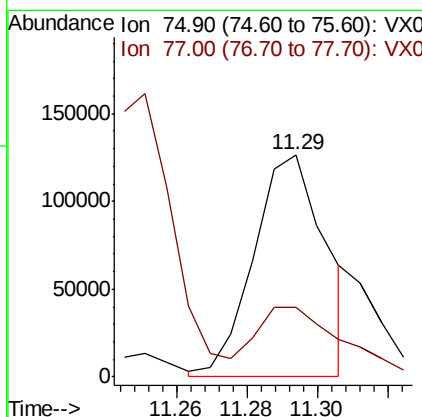
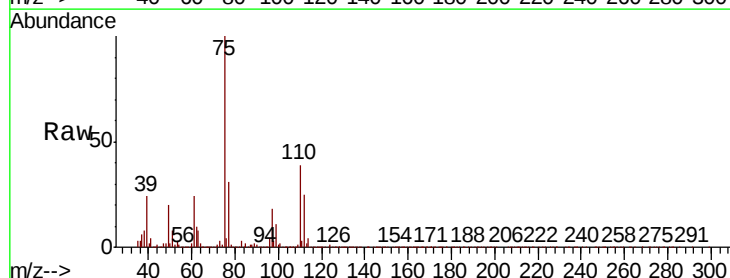
RT: 11.29 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX013815.D

Acq: 06 Dec 2019 22:04

Tgt Ion:	75	Resp:	179214
Ion Ratio	Lower	Upper	
75	100		
77	37.5	19.1	57.5





#77

Bromobenzene

Concen: 19.361 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX013815.D

Acq: 06 Dec 2019 22:04

Instrument :

MSVOA_X

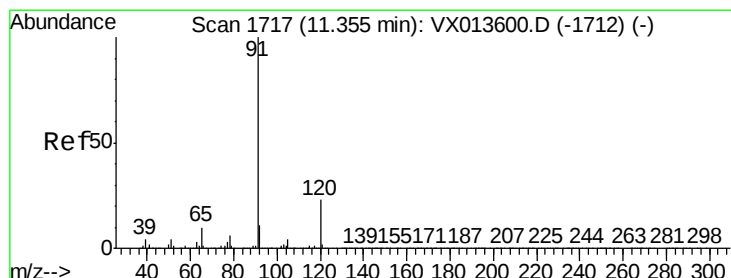
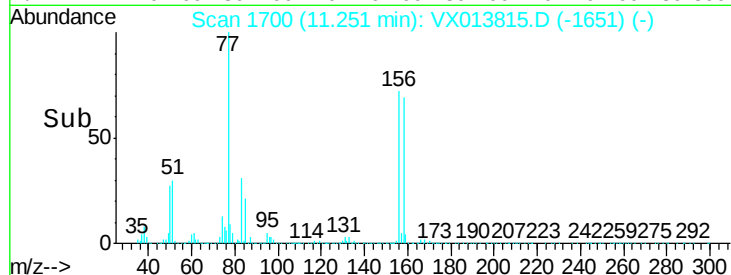
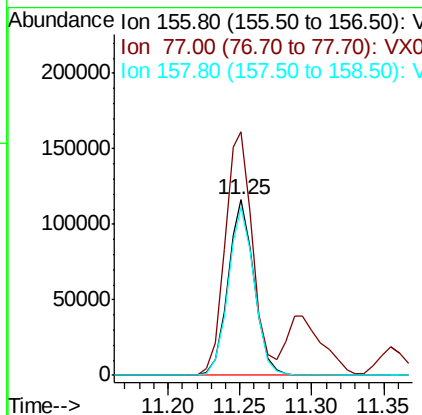
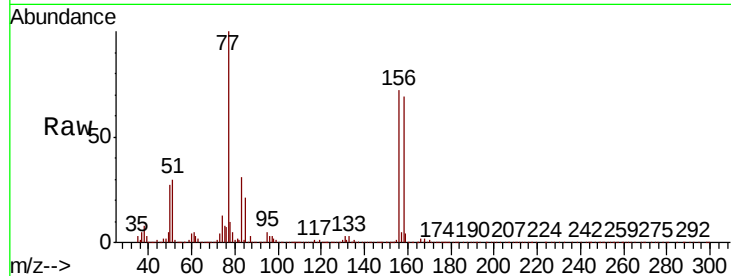
ClientSampleId :

VX1206WBSD02

Tot Ion:	156	Resp:	147508
Ion Ratio	Lower	Upper	
156	100		
77	147.2	74.4	223.1
158	96.1	48.9	146.6

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#78

n-propylbenzene

Concen: 19.639 ug/l

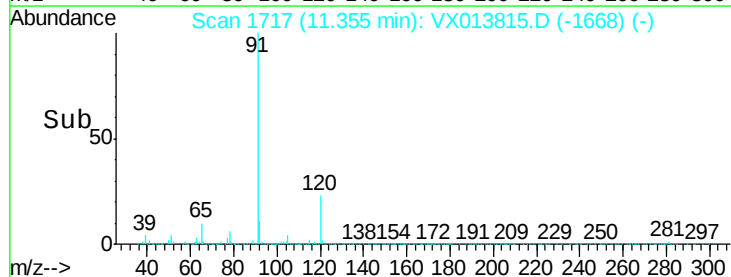
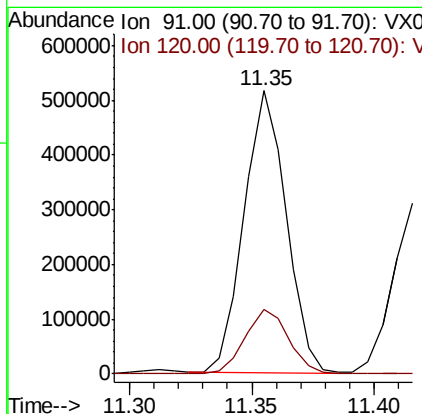
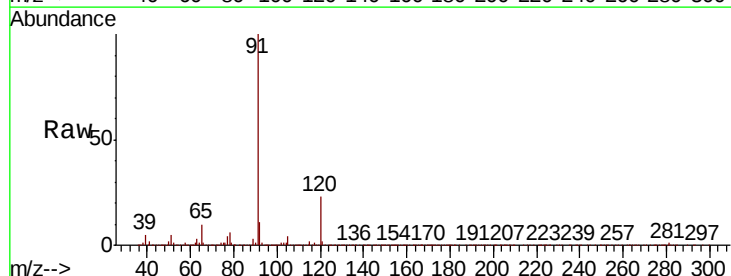
RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX013815.D

Acq: 06 Dec 2019 22:04

Tgt Ion:	91	Resp:	618267
Ion Ratio	Lower	Upper	
91	100		
120	23.6	11.8	35.3





#79

2-Chlorotoluene

Concen: 19.739 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VX013815.D

Acq: 06 Dec 2019 22:04

Instrument :

MSVOA_X

ClientSampleId :

VX1206WBSD02

Tot Ion: 91 Resp: 372772

Ion Ratio Lower Upper

91 100

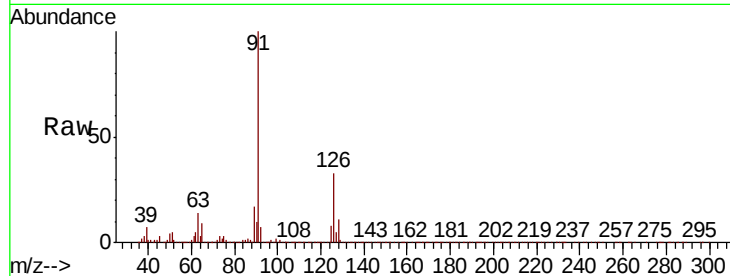
126 34.8 17.5 52.5

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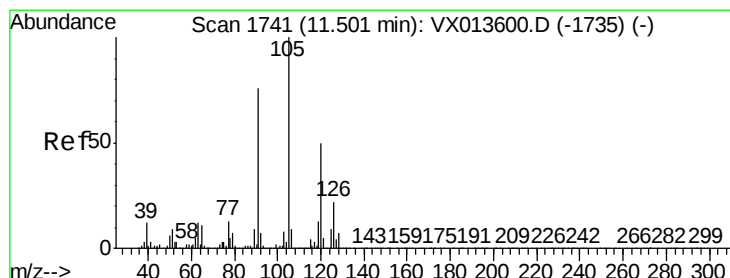
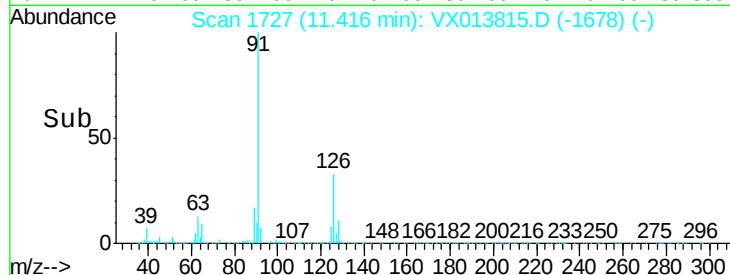
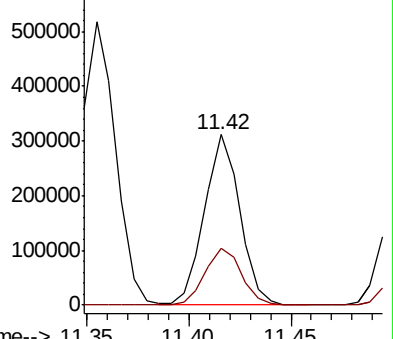
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Abundance Ion 91.00 (90.70 to 91.70): VX013600.D (-1722) (-)

Ion 125.90 (125.60 to 126.60): VX013600.D (-1722) (-)



#80

1,3,5-Trimethylbenzene

Concen: 20.031 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX013815.D

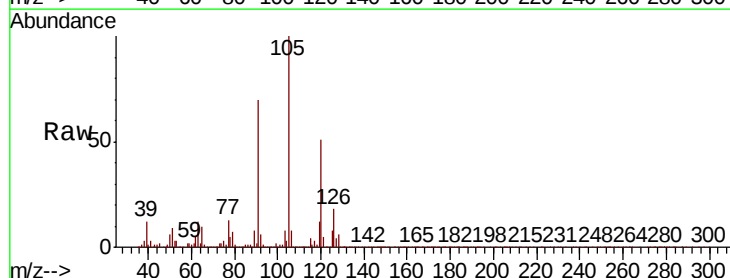
Acq: 06 Dec 2019 22:04

Tgt Ion: 105 Resp: 462994

Ion Ratio Lower Upper

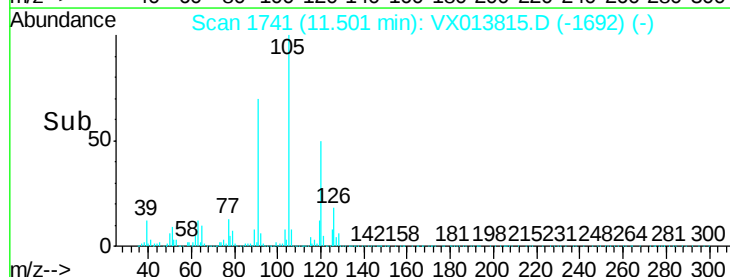
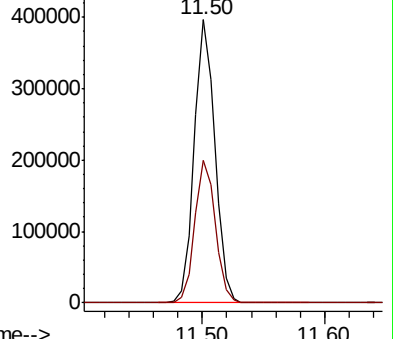
105 100

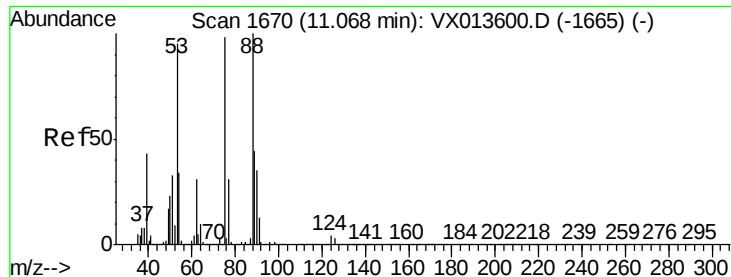
120 50.3 25.3 75.9



Abundance Ion 105.00 (104.70 to 105.70): VX013600.D (-1735) (-)

Ion 120.00 (119.70 to 120.70): VX013600.D (-1735) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 16.505 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VX013815.D

Acq: 06 Dec 2019 22:04

Instrument :

MSVOA_X

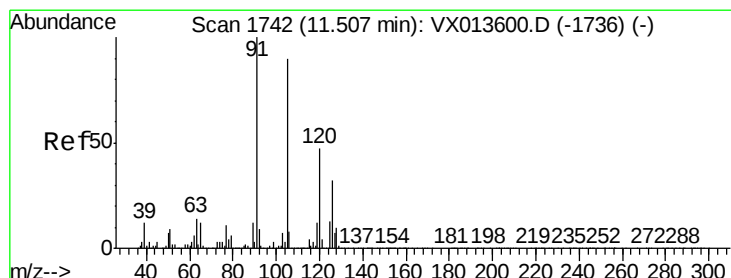
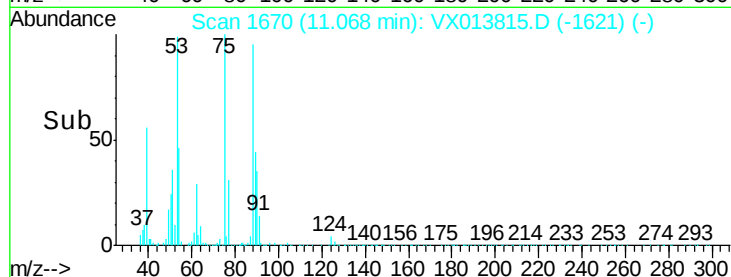
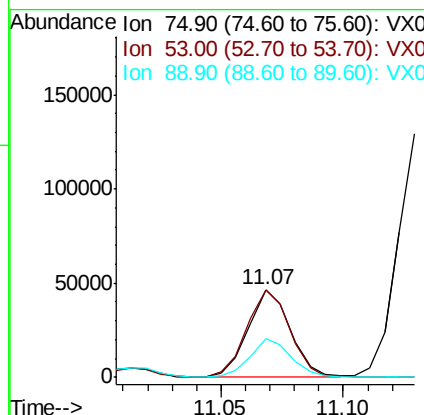
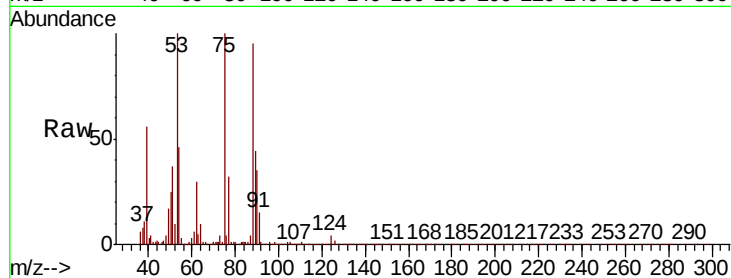
ClientSampleId :

VX1206WBSD02

Tot Ion:	75	Resp:	54554
Ion	Ratio	Lower	Upper
75	100		
53	104.0	78.2	117.2
89	45.0	35.4	53.2

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#82

4-Chlorotoluene

Concen: 19.325 ug/l

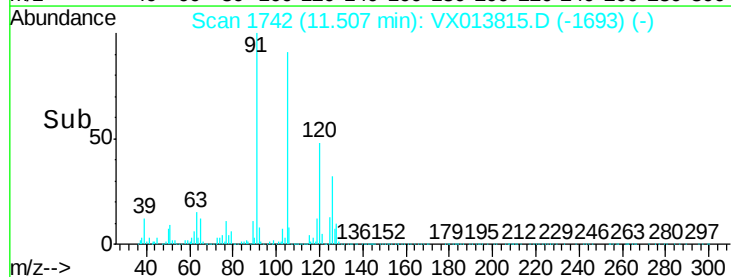
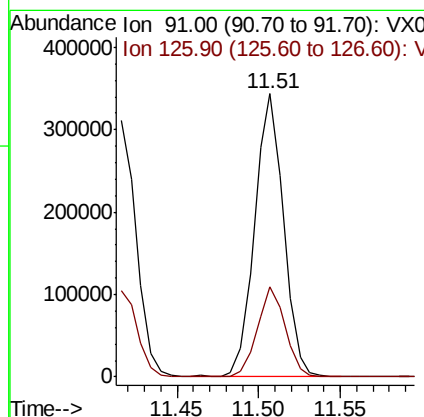
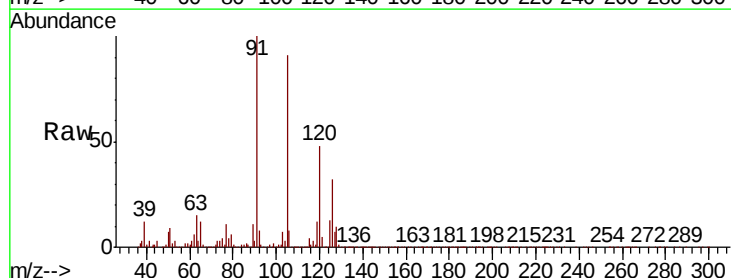
RT: 11.51 min Scan# 1742

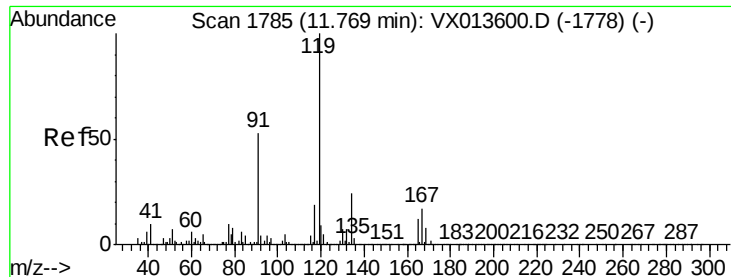
Delta R.T. -0.00 min

Lab File: VX013815.D

Acq: 06 Dec 2019 22:04

Tgt Ion:	91	Resp:	422689
Ion	Ratio	Lower	Upper
91	100		
126	30.8	15.7	47.0





#83

tert-Butylbenzene

Concen: 17.177 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. -0.01 min

Lab File: VX013815.D

Acq: 06 Dec 2019 22:04

Instrument :

MSVOA_X

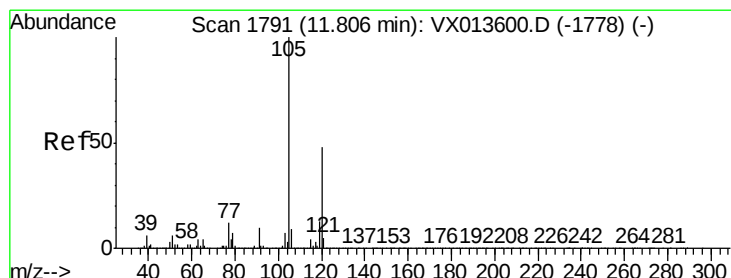
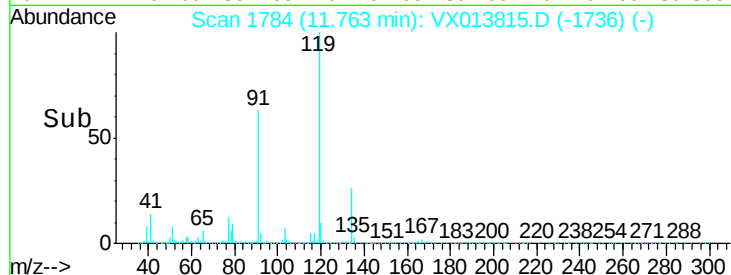
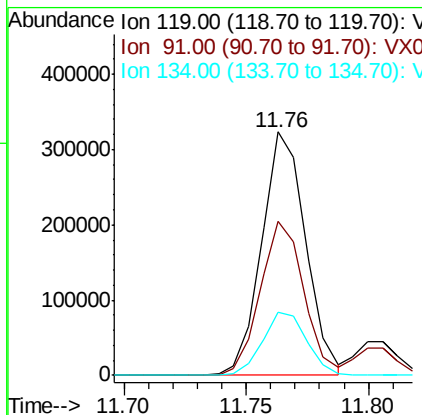
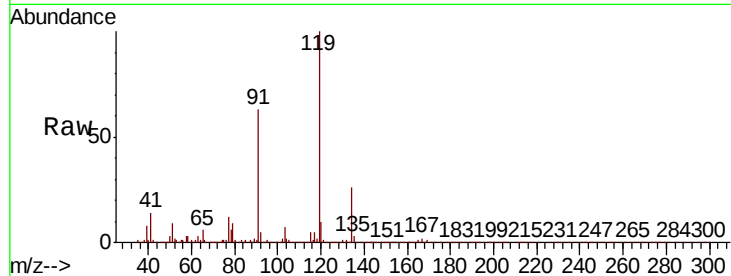
ClientSampleId :

VX1206WBSD02

Tot Ion:	119	Resp:	403490
Ion Ratio	Lower	Upper	
119	100		
91	62.9	27.2	81.6
134	26.4	11.7	35.1

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#84

1,2,4-Trimethylbenzene

Concen: 19.765 ug/l

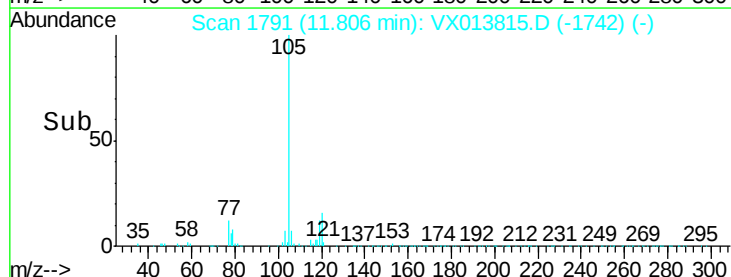
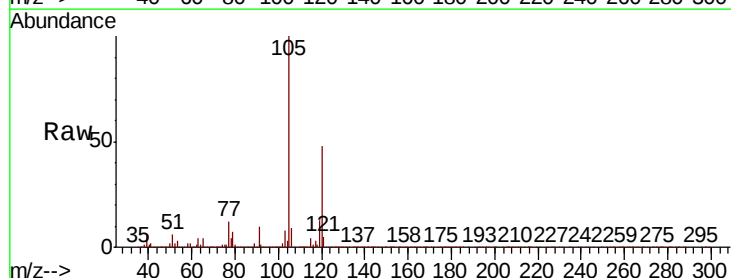
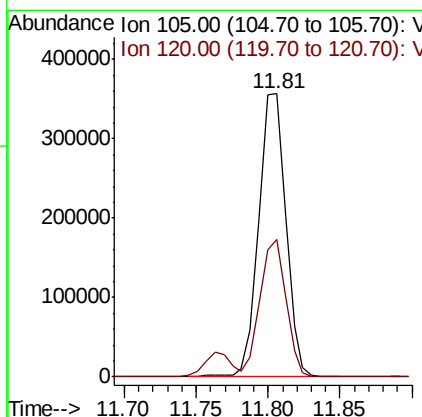
RT: 11.81 min Scan# 1791

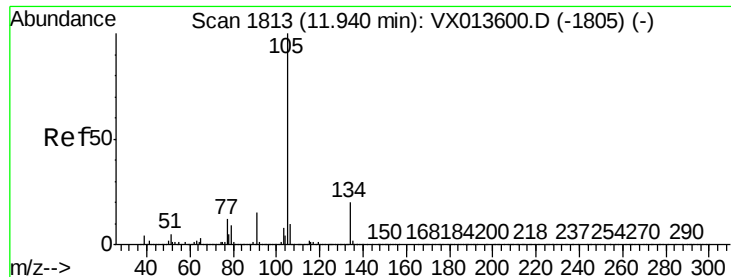
Delta R.T. -0.00 min

Lab File: VX013815.D

Acq: 06 Dec 2019 22:04

Tgt Ion:	105	Resp:	463640
Ion Ratio	Lower	Upper	
105	100		
120	46.2	23.1	69.3





#85

sec-Butylbenzene

Concen: 19.706 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX013815.D

Acq: 06 Dec 2019 22:04

Instrument :

MSVOA_X

ClientSampleId :

VX1206WBSD02

Tot Ion:105 Resp: 528718

Ion Ratio Lower Upper

105 100

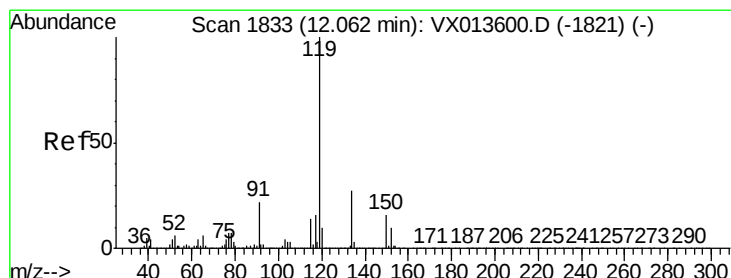
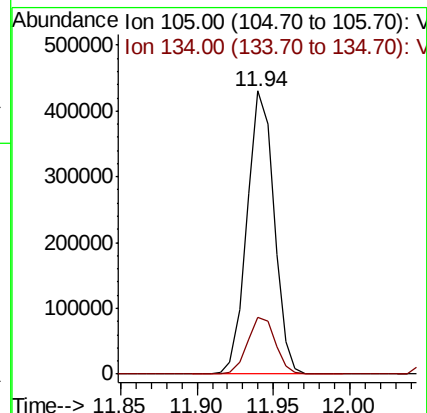
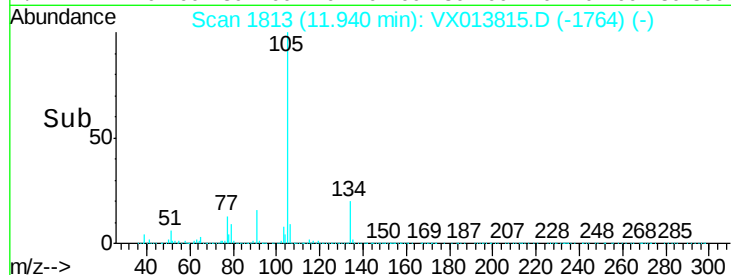
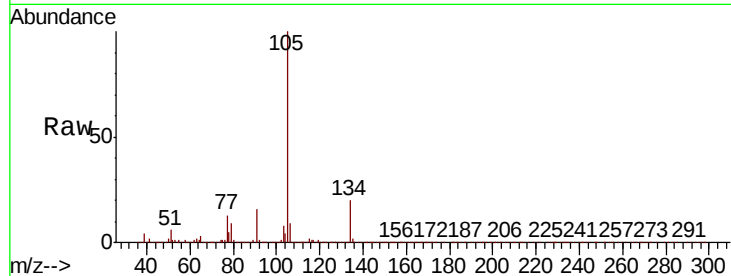
134 20.6 10.4 31.2

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#86

p-Isopropyltoluene

Concen: 19.625 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VX013815.D

Acq: 06 Dec 2019 22:04

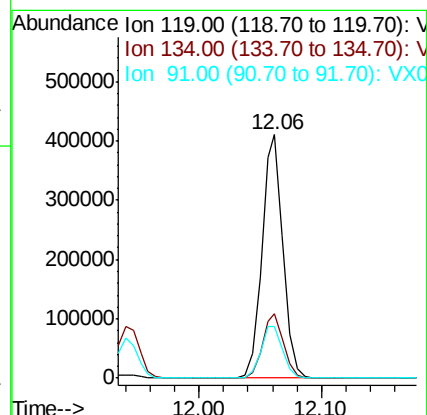
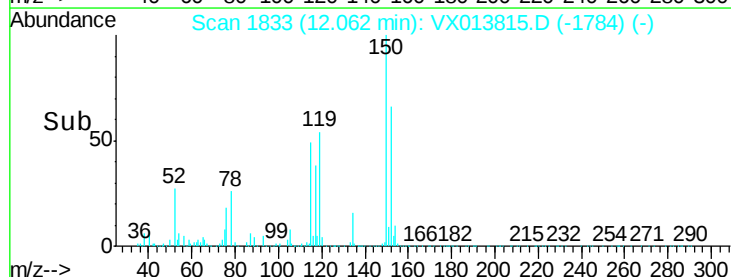
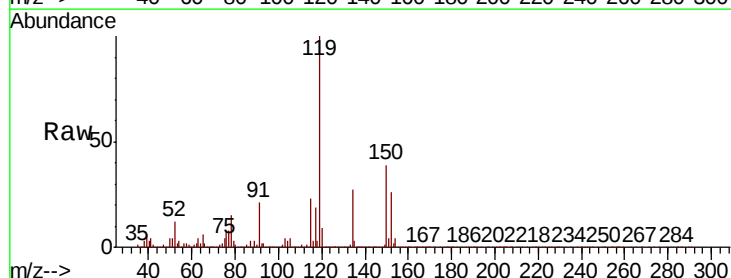
Tgt Ion:119 Resp: 489845

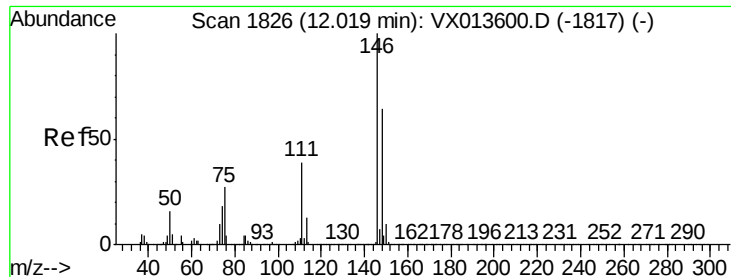
Ion Ratio Lower Upper

119 100

134 26.5 13.3 39.9

91 22.5 11.3 33.8





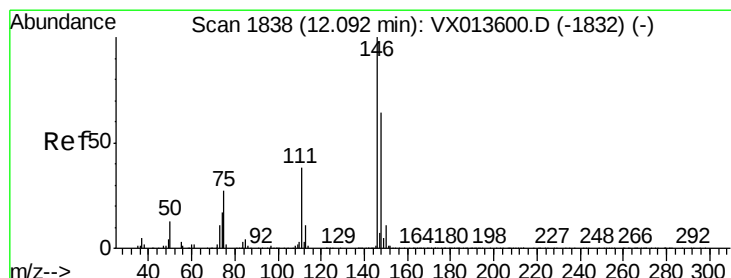
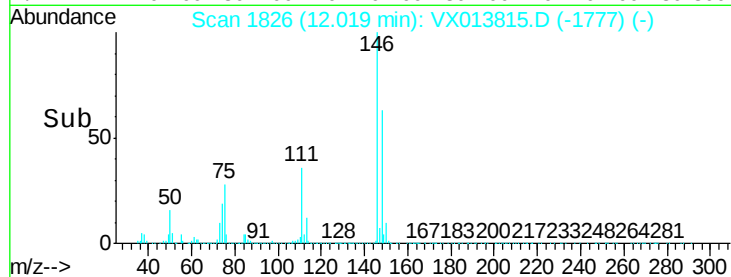
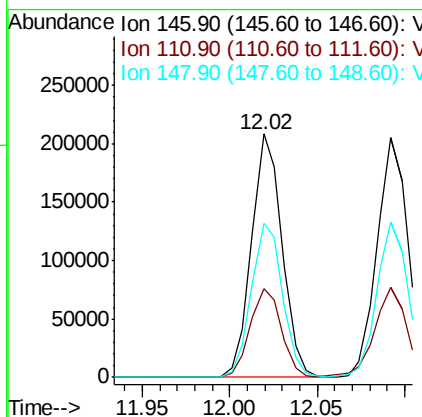
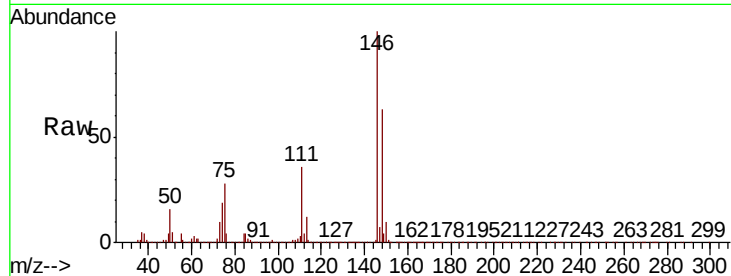
#87
 1,3-Dichlorobenzene
 Concen: 19.029 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX013815.D
 Acq: 06 Dec 2019 22:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1206WBSD02

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.5	19.0	57.0
148	64.7	31.8	95.4

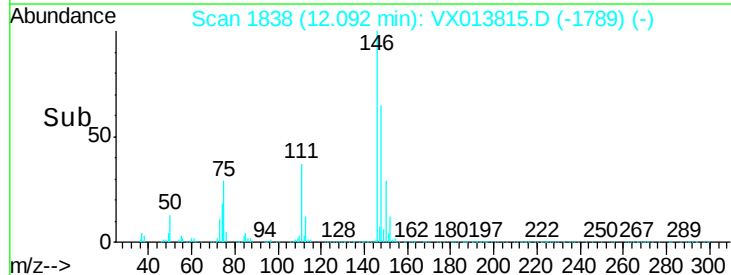
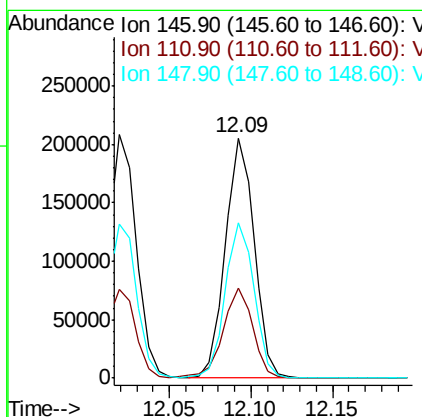
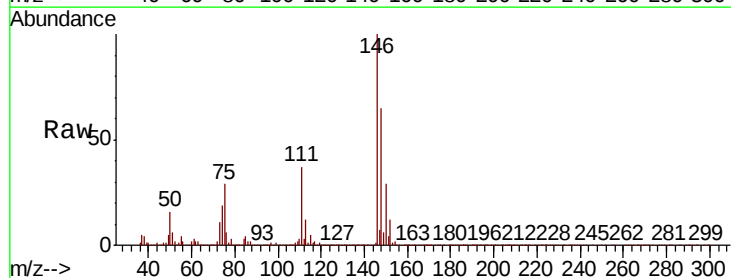
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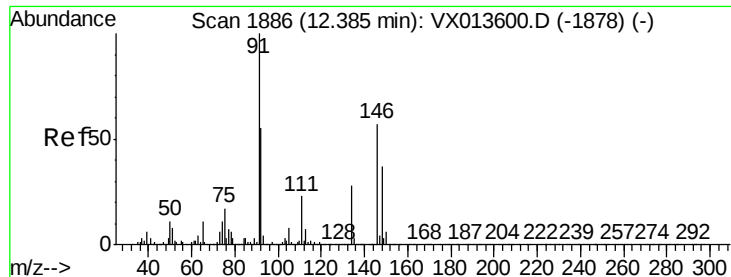
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#88
 1,4-Dichlorobenzene
 Concen: 18.617 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX013815.D
 Acq: 06 Dec 2019 22:04

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.6	18.9	56.9
148	64.9	31.9	95.5





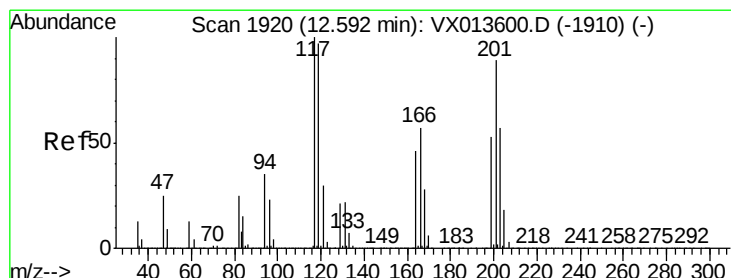
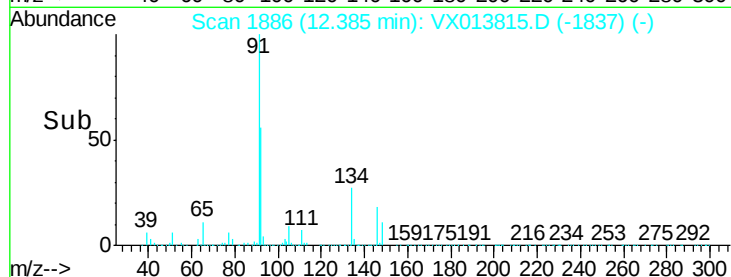
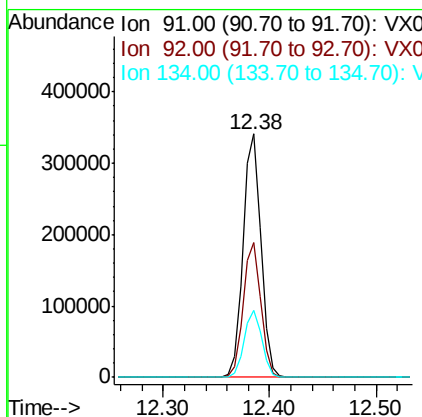
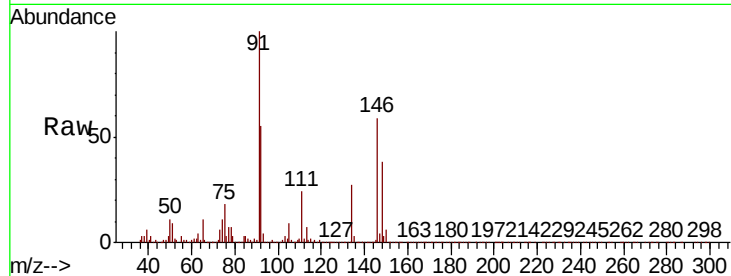
#89
n-Butylbenzene
Concen: 18.902 ug/l
RT: 12.38 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX013815.D
Acq: 06 Dec 2019 22:04

Instrument :
MSVOA_X
ClientSampleId :
VX1206WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
91	100	402410		
92	54.6	27.4	82.2	
134	27.3	13.5	40.4	

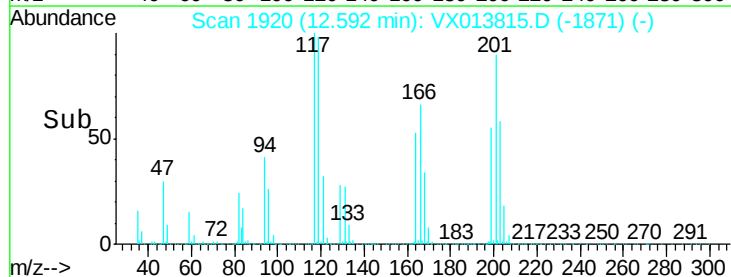
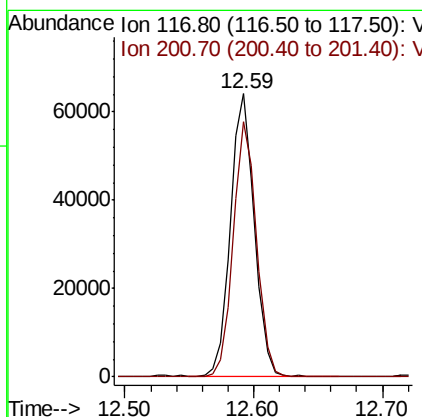
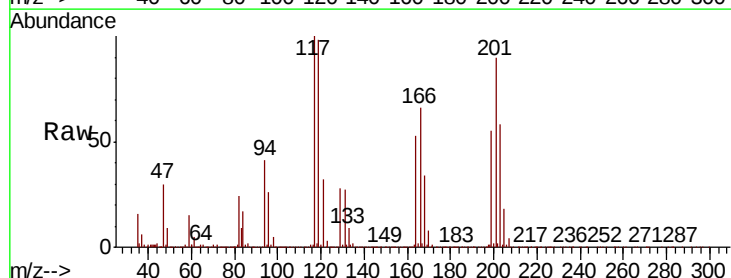
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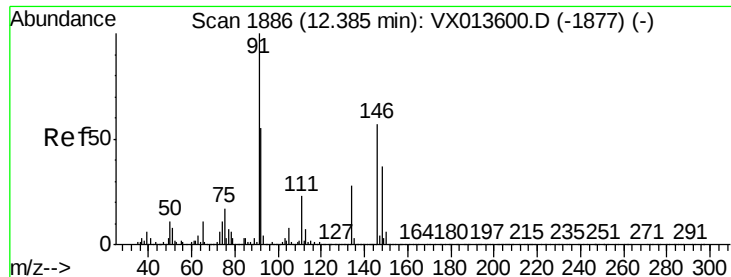
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#90
Hexachloroethane
Concen: 18.424 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX013815.D
Acq: 06 Dec 2019 22:04

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	83122		
201	87.8	44.1	132.4	





#91

1,2-Dichlorobenzene

Concen: 19.489 ug/l

RT: 12.38 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX013815.D

Acq: 06 Dec 2019 22:04

Instrument :

MSVOA_X

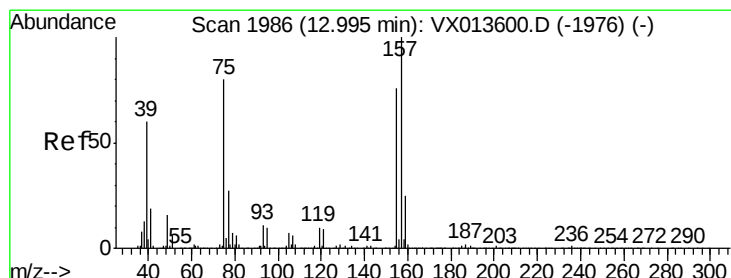
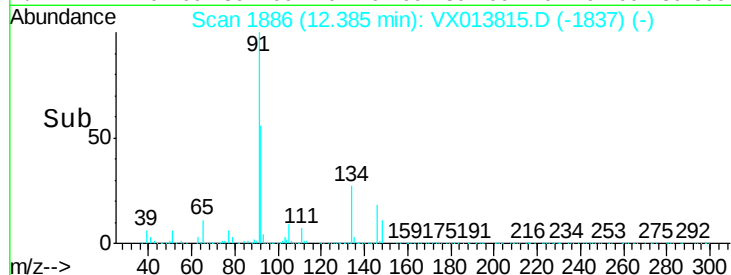
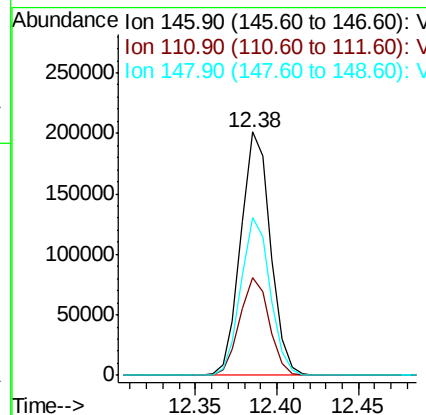
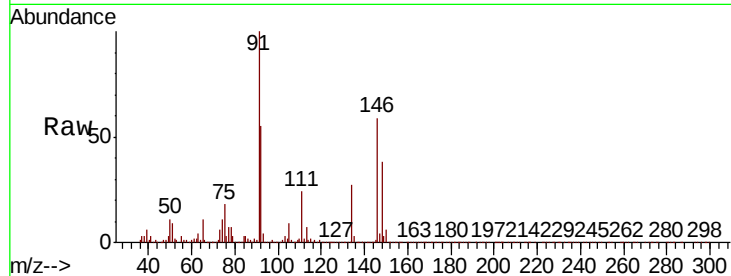
ClientSampleId :

VX1206WBSD02

Tot Ion:	146	Resp:	255730
Ion Ratio	Lower	Upper	
146	100		
111	40.1	19.6	58.7
148	64.0	31.9	95.7

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#92

1,2-Dibromo-3-Chloropropane

Concen: 19.056 ug/l

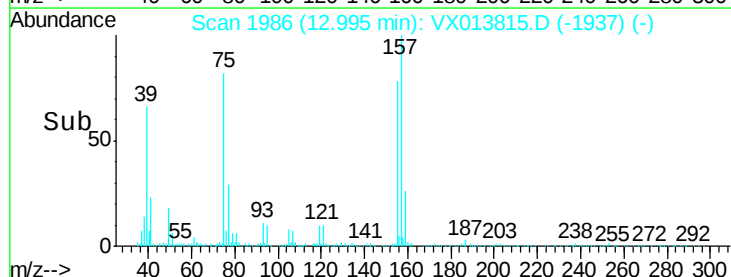
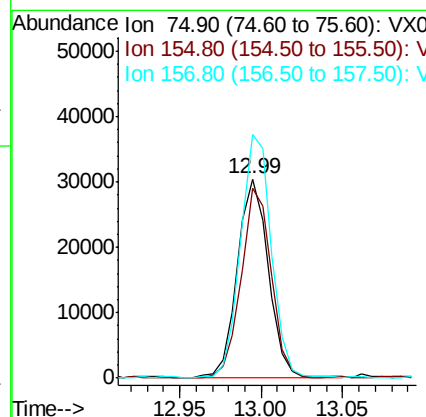
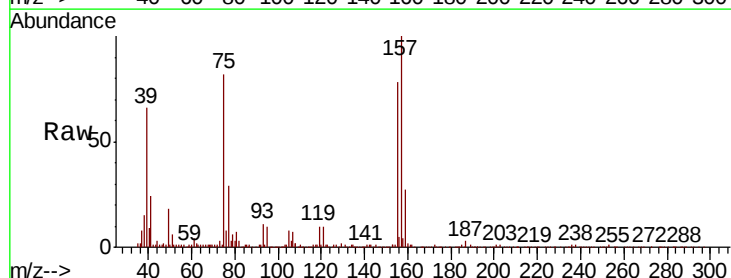
RT: 12.99 min Scan# 1986

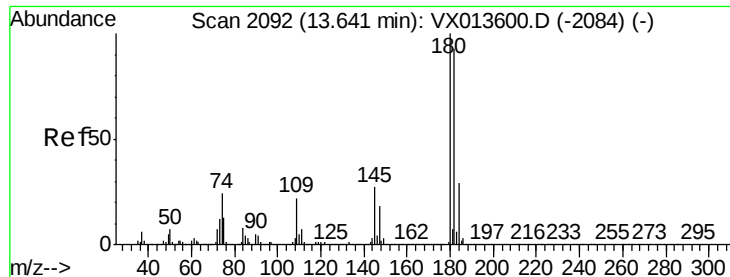
Delta R.T. -0.00 min

Lab File: VX013815.D

Acq: 06 Dec 2019 22:04

Tgt Ion:	75	Resp:	40584
Ion Ratio	Lower	Upper	
75	100		
155	91.2	47.6	142.8
157	119.9	62.1	186.2





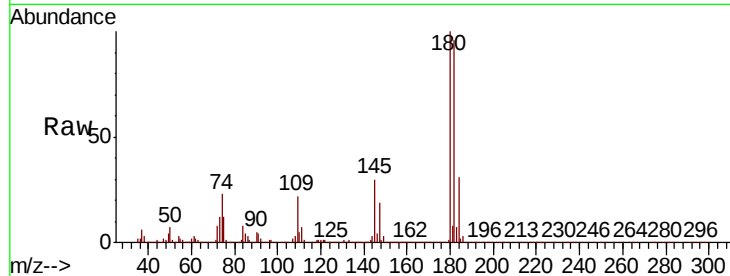
#93
1,2,4-Trichlorobenzene
Concen: 17.991 ug/l
RT: 13.64 min Scan# 2092
Delta R.T. -0.00 min
Lab File: VX013815.D
Acq: 06 Dec 2019 22:04

Instrument :
MSVOA_X
ClientSampleId :
VX1206WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
180	100	164523		
182	97.0	47.2	141.6	
145	29.6	13.8	41.4	

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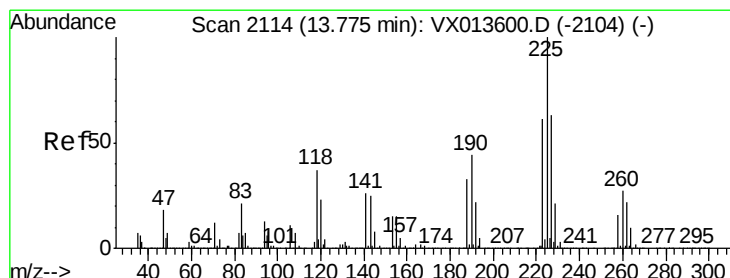
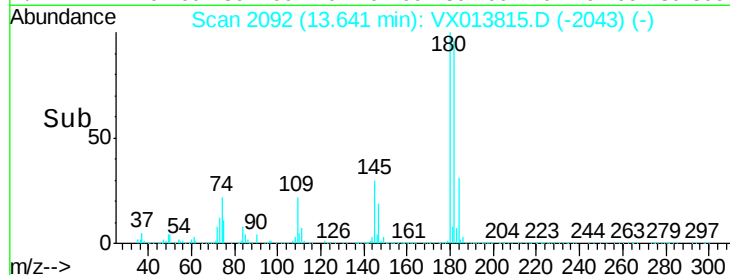
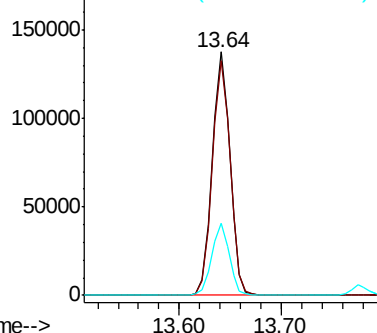


Abundance

Ion 179.80 (179.50 to 180.50): V

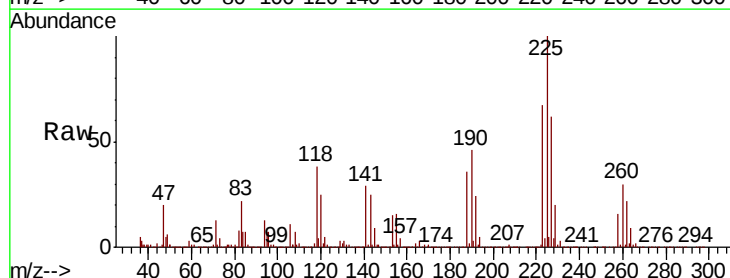
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
Hexachlorobutadiene
Concen: 18.283 ug/l
RT: 13.77 min Scan# 2114
Delta R.T. -0.00 min
Lab File: VX013815.D
Acq: 06 Dec 2019 22:04

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	80320		
223	65.5	31.9	95.5	
227	63.8	32.1	96.3	

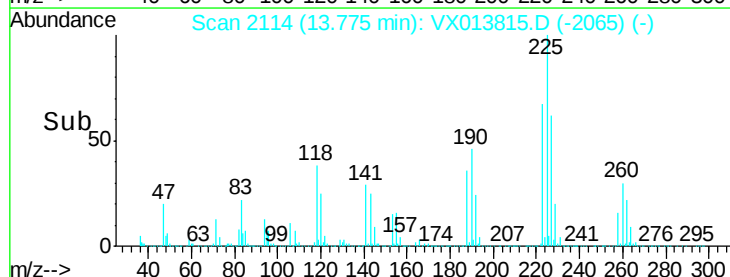
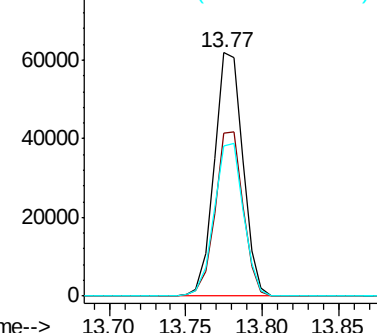


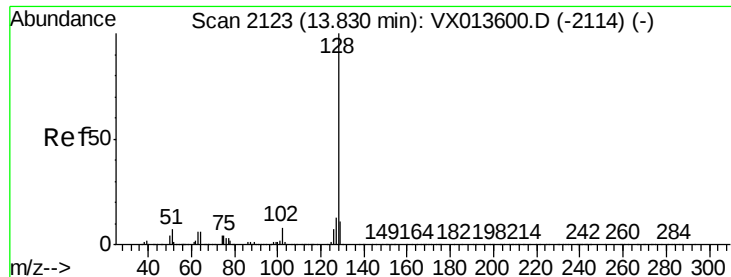
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





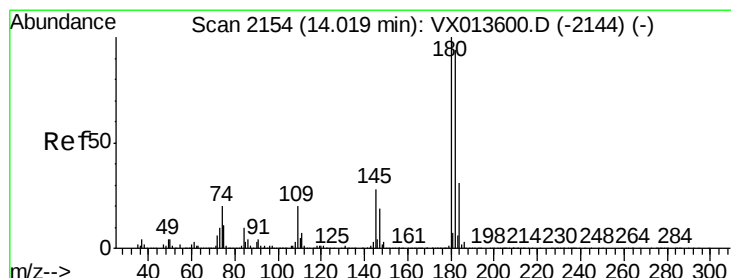
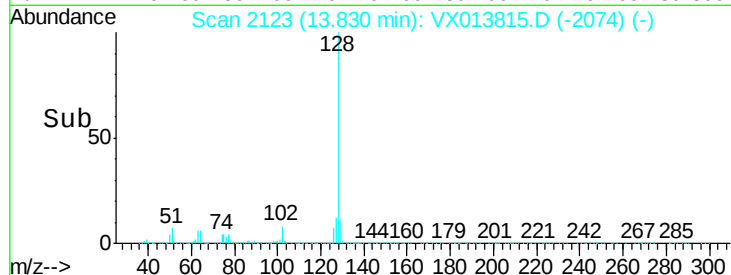
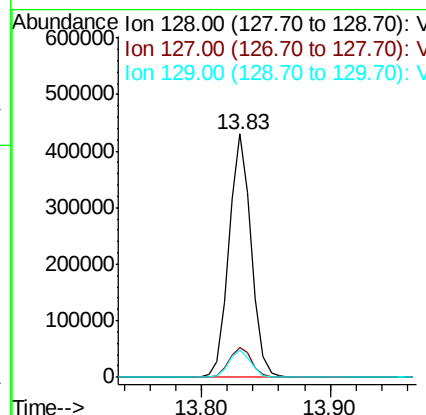
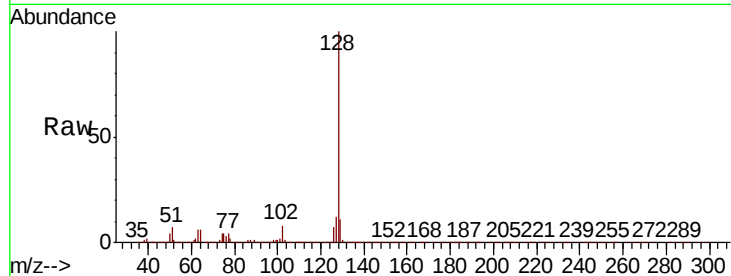
#95
Naphthalene
Concen: 19.195 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX013815.D
Acq: 06 Dec 2019 22:04

Instrument :
MSVOA_X
ClientSampleId :
VX1206WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
128	100	522765		
127	12.6		10.3	15.5
129	11.1		8.7	13.1

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 19.143 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.01 min
Lab File: VX013815.D
Acq: 06 Dec 2019 22:04

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	173332		
182	94.0		47.6	142.8
145	29.8		15.0	45.0

