

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX122619\
 Data File : VX014291.D
 Acq On : 27 Dec 2019 00:52
 Operator : JC/SP
 Sample : VX1226WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1226WBSD02

Manual Integrations
 APPROVED

apatel
 12/27/2019 12:03:31 PM

Quant Time: Dec 27 07:46:21 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 17 03:01:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	477044	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	752644	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	666081	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	325153	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	279909	51.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.54%	
35) Dibromofluoromethane	5.49	113	229565	50.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.36%	
50) Toluene-d8	8.71	98	893135	50.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.28%	
62) 4-Bromofluorobenzene	11.13	95	305873	46.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.96%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	74327	17.416	ug/l	99
3) Chloromethane	1.32	50	105189	18.366	ug/l	100
4) Vinyl Chloride	1.40	62	111158	18.393	ug/l	98
5) Bromomethane	1.63	94	71416	16.650	ug/l	97
6) Chloroethane	1.72	64	70579	18.922	ug/l	93
7) Trichlorofluoromethane	1.92	101	141298	18.887	ug/l	100
8) Diethyl Ether	2.18	74	69731	19.860	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	85646	18.992	ug/l	100
10) Methyl Iodide	2.50	142	98619	18.334	ug/l	100
11) Tert butyl alcohol	3.03	59	123872	106.032	ug/l	99
12) 1,1-Dichloroethene	2.37	96	87714	19.115	ug/l	92
13) Acrolein	2.28	56	58170	86.984	ug/l	99
14) Allyl chloride	2.72	41	158149	19.302	ug/l	98
15) Acrylonitrile	3.13	53	294823	108.121	ug/l	98
16) Acetone	2.43	43	254299	72.449	ug/l	99
17) Carbon Disulfide	2.56	76	216552	17.494	ug/l	99
18) Methyl Acetate	2.76	43	152261	21.891	ug/l	98
19) Methyl tert-butyl Ether	3.18	73	304419	20.188	ug/l	99
20) Methylene Chloride	2.85	84	106518	19.271	ug/l	100
21) trans-1,2-Dichloroethene	3.16	96	94474	18.687	ug/l	98
22) Diisopropyl ether	3.84	45	337616	20.678	ug/l #	85
23) Vinyl Acetate	3.80	43	1387951	104.170	ug/l	99
24) 1,1-Dichloroethane	3.69	63	179858	19.800	ug/l	100
25) 2-Butanone	4.66	43	403070	93.142	ug/l	99
26) 2,2-Dichloropropane	4.57	77	105266	14.925	ug/l	97
27) cis-1,2-Dichloroethene	4.58	96	110988	19.412	ug/l	99
28) Bromochloromethane	5.01	49	78373	22.684	ug/l	100
29) Tetrahydrofuran	5.12	42	262635	108.505	ug/l	100
30) Chloroform	5.20	83	172361	20.016	ug/l	99
31) Cyclohexane	5.57	56	156433	19.363	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	140473	19.140	ug/l	99
36) 1,1-Dichloropropene	5.79	75	123850	17.934	ug/l	98
37) Ethyl Acetate	4.82	43	157348	20.633	ug/l	99
38) Carbon Tetrachloride	5.78	117	117131	18.618	ug/l	94

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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	150772	17.681	ug/l	98
40) Benzene	6.14	78	406166	19.115	ug/l	98
41) Methacrylonitrile	5.03	41	85033	20.096	ug/l	98
42) 1,2-Dichloroethane	6.19	62	140964	19.571	ug/l	98
43) Isopropyl Acetate	6.44	43	252127	19.977	ug/l	99
44) Trichloroethene	7.21	130	109398	18.640	ug/l	96
45) 1,2-Dichloropropane	7.51	63	109296	20.068	ug/l	97
46) Dibromomethane	7.65	93	67683	18.797	ug/l	99
47) Bromodichloromethane	7.89	83	127988	18.873	ug/l	97
48) Methyl methacrylate	7.76	41	122529	19.827	ug/l	98
49) 1,4-Dioxane	7.73	88	51861	412.361	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	810232	102.223	ug/l	98
52) Toluene	8.78	92	251135	18.699	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	133888	18.005	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	152742	18.438	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	103067	19.147	ug/l	98
56) Ethyl methacrylate	9.17	69	162557	19.225	ug/l	99
57) 1,3-Dichloropropane	9.37	76	177951	19.649	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	322201	100.691	ug/l	100
59) 2-Hexanone	9.48	43	610780	95.726	ug/l	98
60) Dibromochloromethane	9.57	129	102442	19.146	ug/l	99
61) 1,2-Dibromoethane	9.67	107	107236	19.471	ug/l	98
64) Tetrachloroethene	9.33	164	115356	19.572	ug/l	97
65) Chlorobenzene	10.14	112	266560	18.822	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.21	131	98437	19.466	ug/l	99
67) Ethyl Benzene	10.25	91	465684	19.126	ug/l	100
68) m/p-Xylenes	10.36	106	355617	37.974	ug/l	99
69) o-Xylene	10.70	106	176020	19.165	ug/l	98
70) Styrene	10.71	104	292293	18.820	ug/l	98
71) Bromoform	10.86	173	75303	18.525	ug/l	100
73) Isopropylbenzene	11.01	105	459302	20.063	ug/l	99
74) N-amyl acetate	10.89	43	206344	19.229	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	159586	20.107	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	149911m	21.237	ug/l	
77) Bromobenzene	11.25	156	119956	19.044	ug/l	99
78) n-propylbenzene	11.35	91	508265	19.793	ug/l	100
79) 2-Chlorotoluene	11.42	91	308030	19.733	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	381746	19.813	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	42686	17.068	ug/l	93
82) 4-Chlorotoluene	11.51	91	350618	19.364	ug/l	98
83) tert-Butylbenzene	11.76	119	357291	19.055	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	380963	19.744	ug/l	100
85) sec-Butylbenzene	11.94	105	435305	19.666	ug/l	100
86) p-Isopropyltoluene	12.06	119	396598	19.587	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	207178	18.767	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	208573	18.581	ug/l	99
89) n-Butylbenzene	12.39	91	318126	18.414	ug/l	100
90) Hexachloroethane	12.59	117	66256	18.218	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	208783	18.788	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	32817	18.684	ug/l	99

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ClientSampleId :
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Quant Title : SW846 8260
QLast Update : Tue Dec 17 03:01:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	130932	18.127	ug/l	98
94) Hexachlorobutadiene	13.78	225	63100	18.178	ug/l	97
95) Naphthalene	13.83	128	409802	19.311	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	134947	18.927	ug/l	98

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

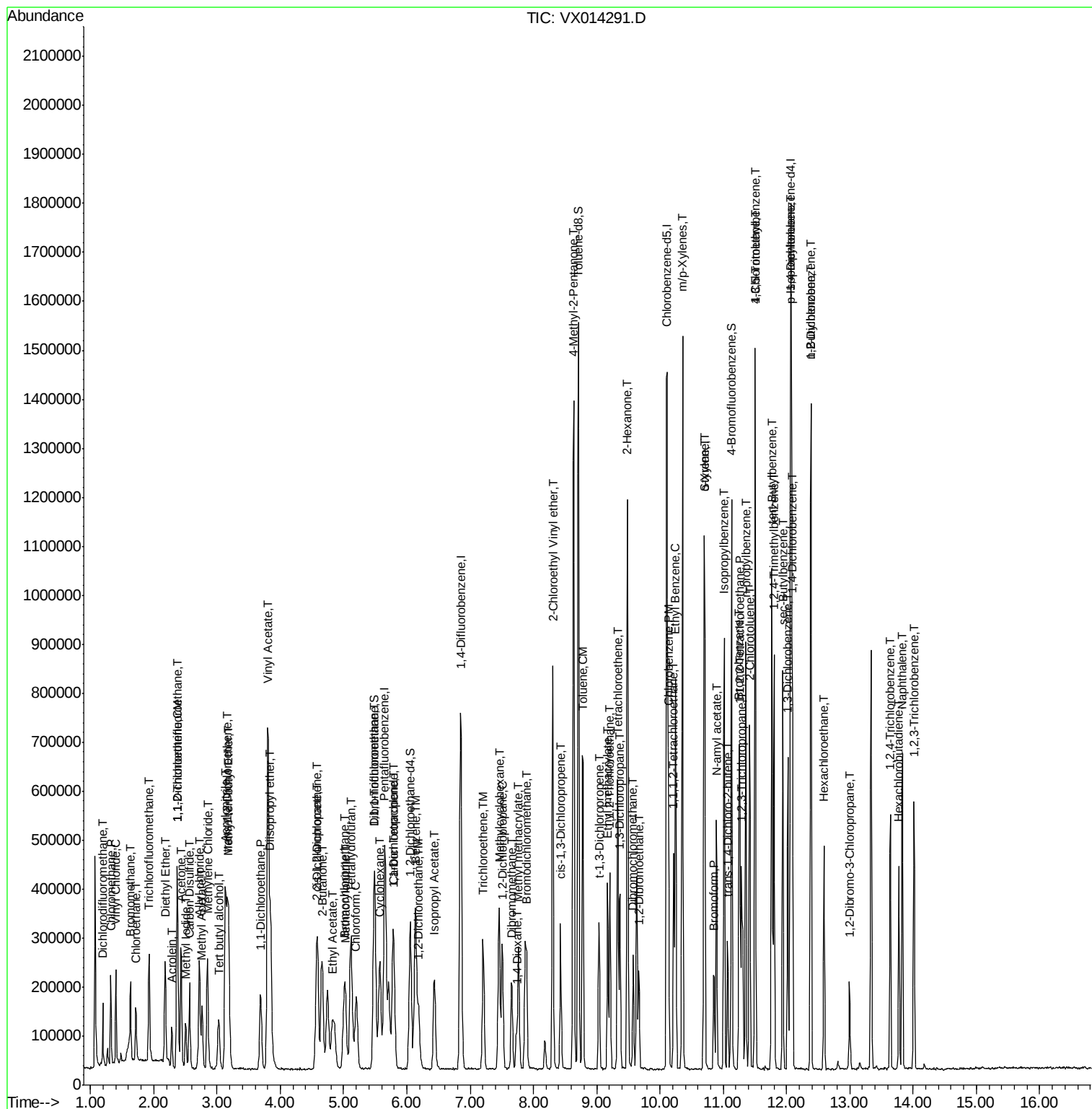
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Data File : VX014291.D
Acq On : 27 Dec 2019 00:52
Operator : JC/SP
Sample : VX1226WBSD02
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 37 Sample Multiplier: 1

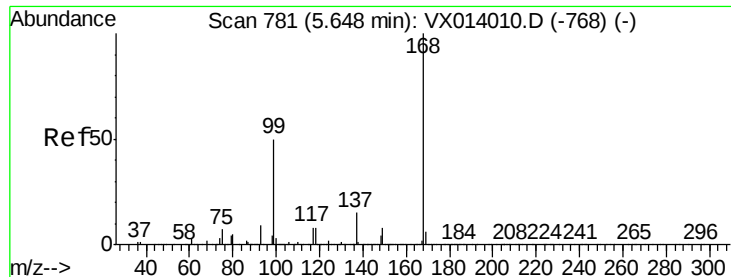
Instrument :
MSVOA_X
ClientSampleID :
VX1226WBSD02

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
Quant Title : SW846 8260
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#1

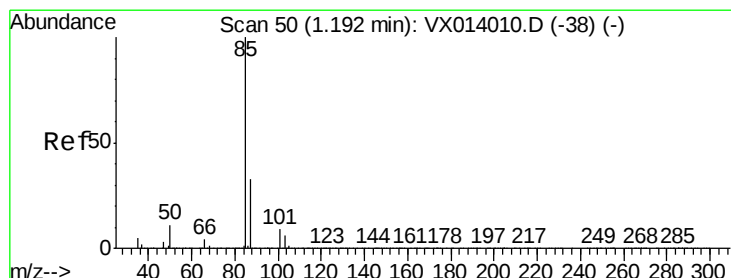
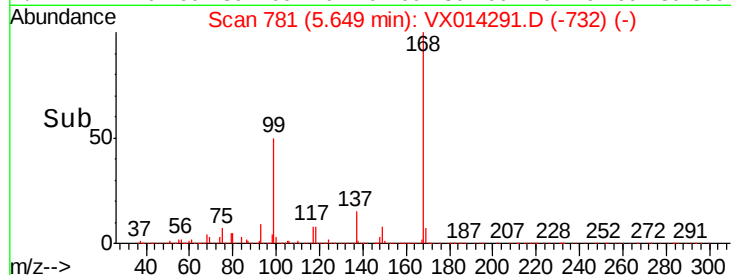
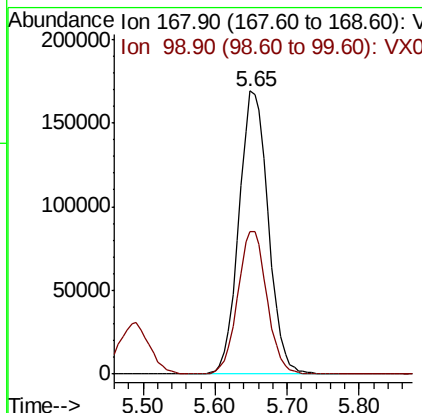
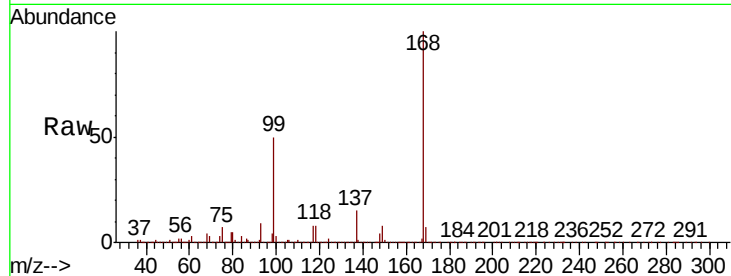
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.65 min Scan# 781
 Delta R.T. 0.00 min
 Lab File: VX014291.D
 Acq: 27 Dec 2019 00:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1226WBSD02

Tot Ion	Ratio	Lower	Upper
168	100		
99	50.3	40.3	60.5

Manual Integrations
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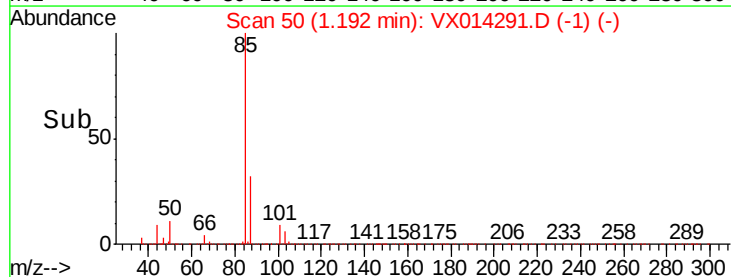
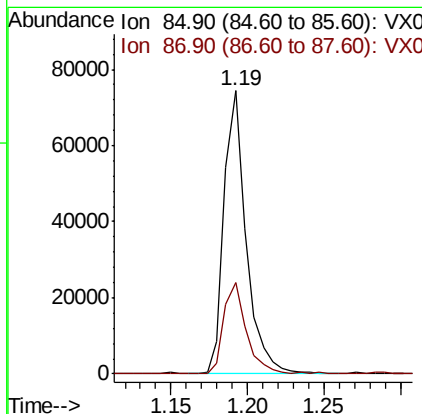
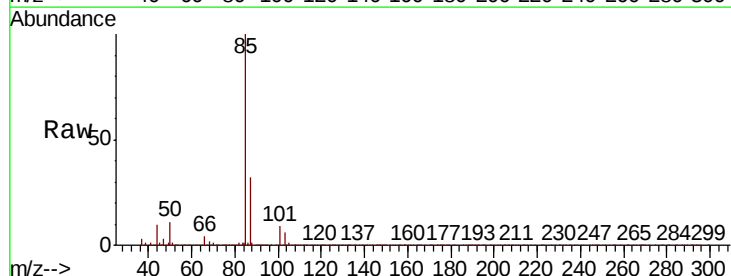
apatel
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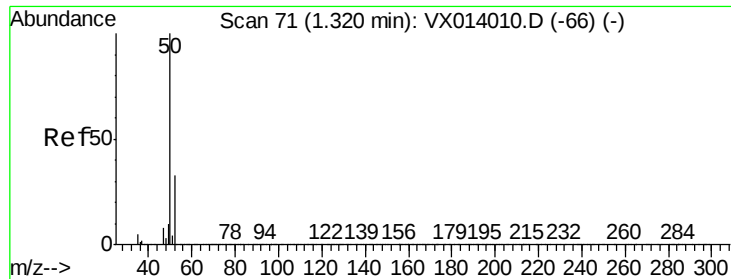


#2

Dichlorodifluoromethane
 Concen: 17.416 ug/l
 RT: 1.19 min Scan# 50
 Delta R.T. 0.00 min
 Lab File: VX014291.D
 Acq: 27 Dec 2019 00:52

Tgt Ion	Ratio	Lower	Upper
85	100		
87	32.1	16.4	49.2





#3

Chloromethane

Concen: 18.366 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX014291.D

Acq: 27 Dec 2019 00:52

Instrument :

MSVOA_X

ClientSampleId :

VX1226WBSD02

Tot Ion: 50 Resp: 105189

Ion Ratio Lower Upper

50 100

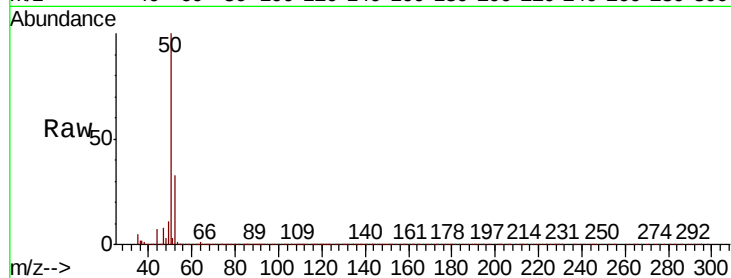
52 32.8 26.2 39.4

Manual Integrations

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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

120000

100000

80000

60000

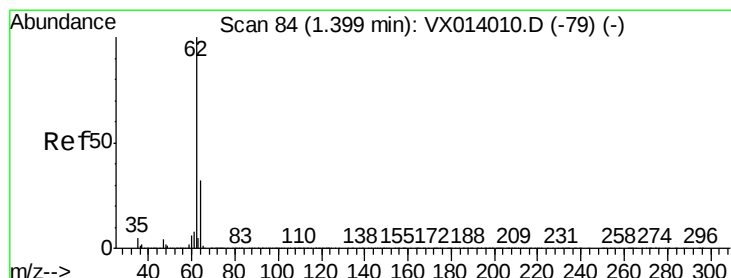
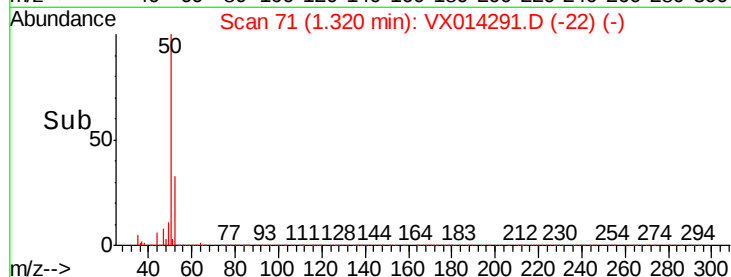
40000

20000

0

1.30 1.35 1.40

Time-->



#4

Vinyl Chloride

Concen: 18.393 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX014291.D

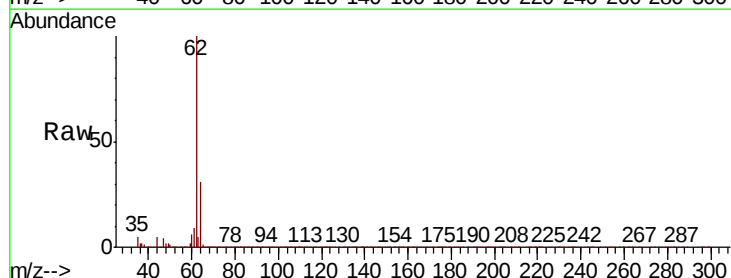
Acq: 27 Dec 2019 00:52

Tgt Ion: 62 Resp: 111158

Ion Ratio Lower Upper

62 100

64 30.9 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.40

120000

100000

80000

60000

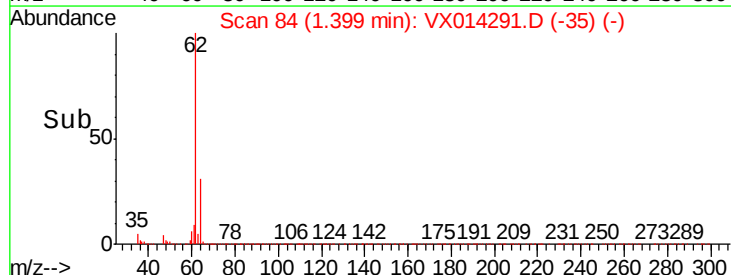
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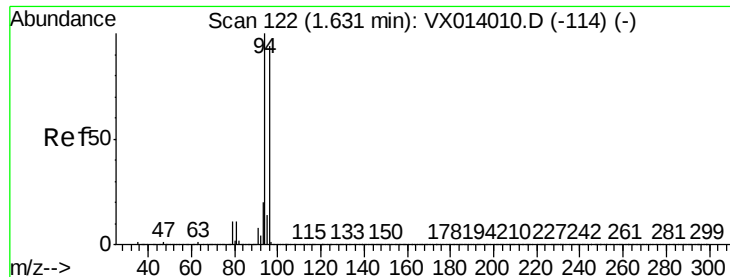
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0

1.35 1.40 1.45

Time-->





#5

Bromomethane

Concen: 16.650 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX014291.D

Acq: 27 Dec 2019 00:52

Instrument :

MSVOA_X

ClientSampleId :

VX1226WBSD02

Tot Ion: 94 Resp: 71416

Ion Ratio Lower Upper

94 100

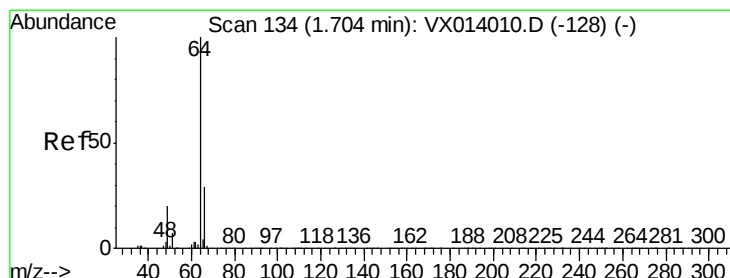
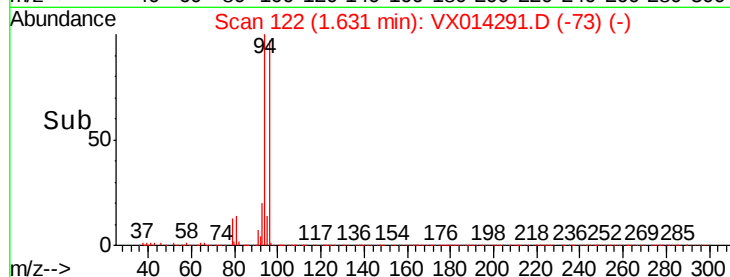
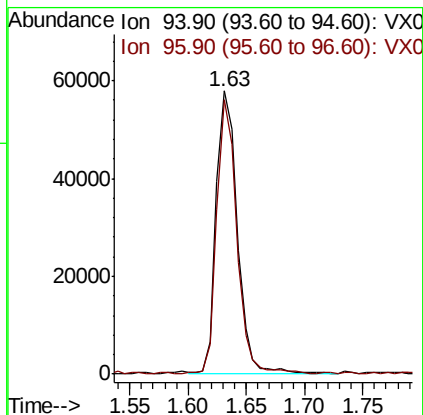
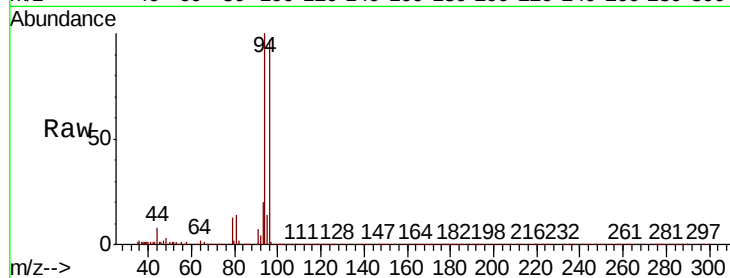
96 96.9 75.2 112.8

Manual Integrations

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#6

Chloroethane

Concen: 18.922 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX014291.D

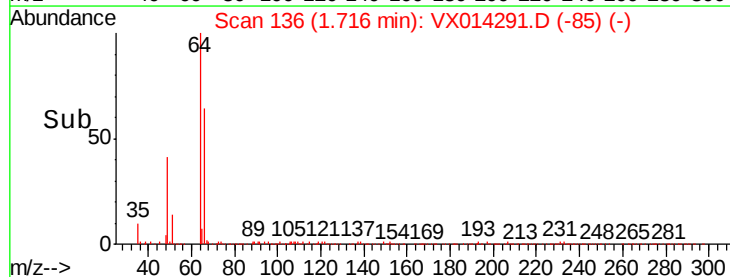
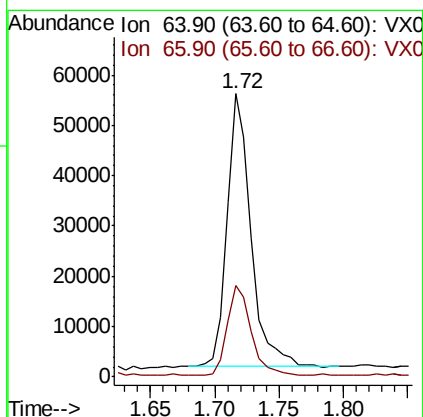
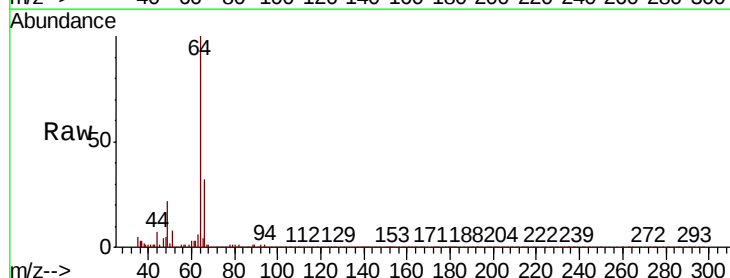
Acq: 27 Dec 2019 00:52

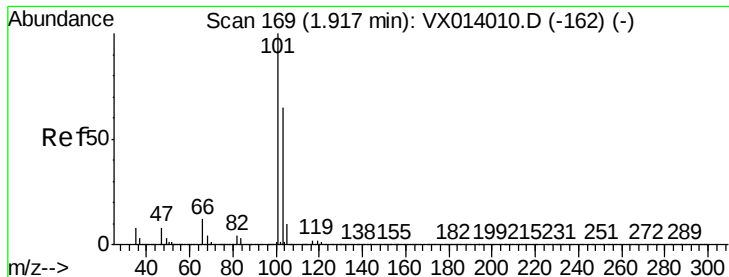
Tgt Ion: 64 Resp: 70579

Ion Ratio Lower Upper

64 100

66 33.0 23.4 35.2





#7

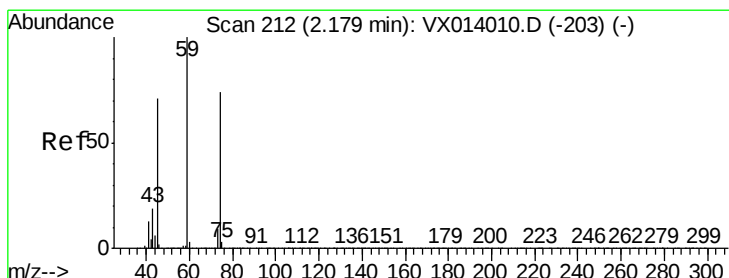
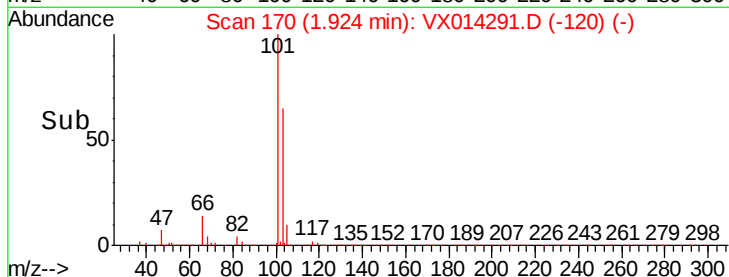
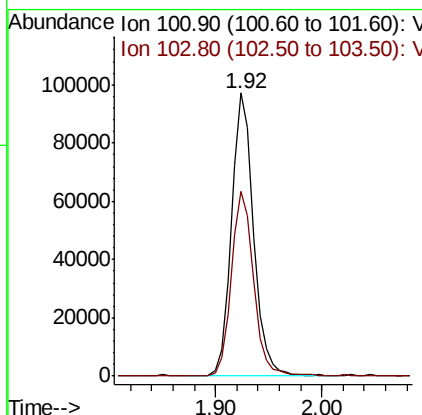
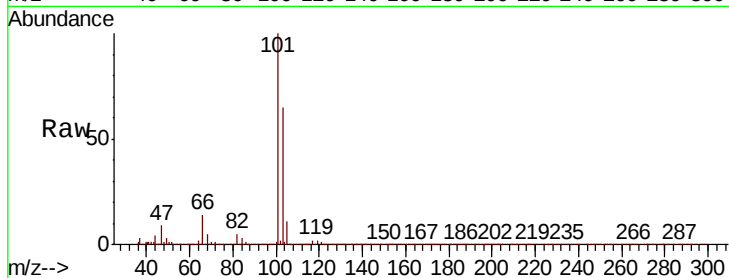
Trichlorofluoromethane
Concen: 18.887 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX014291.D
Acq: 27 Dec 2019 00:52

Instrument :
MSVOA_X
ClientSampleId :
VX1226WBSD02

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.0	52.2	78.4

Manual Integrations
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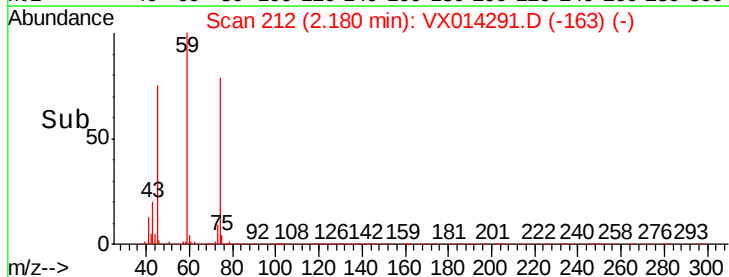
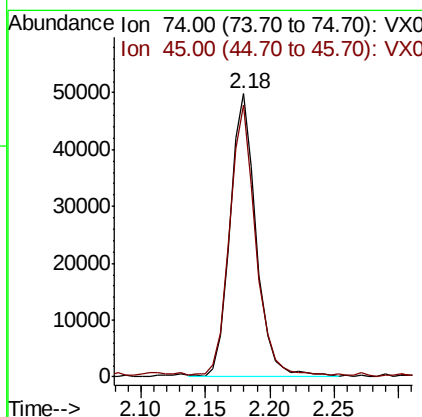
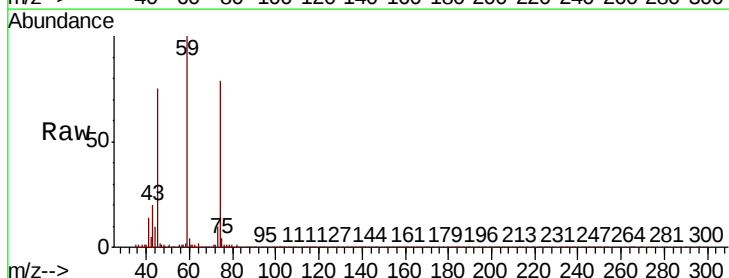
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12/27/2019 12:03:31 PM

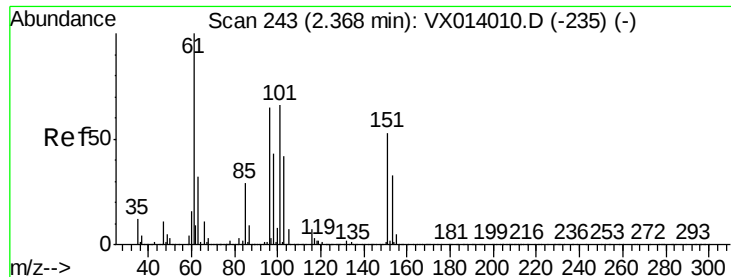


#8

Diethyl Ether
Concen: 19.860 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX014291.D
Acq: 27 Dec 2019 00:52

Tgt Ion	Ratio	Lower	Upper
74	100		
45	96.0	48.1	144.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.992 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX014291.D

Acq: 27 Dec 2019 00:52

Instrument :

MSVOA_X

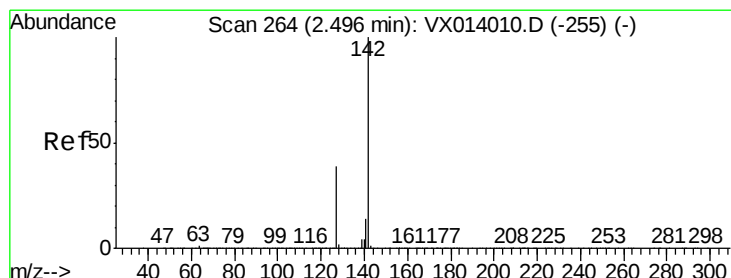
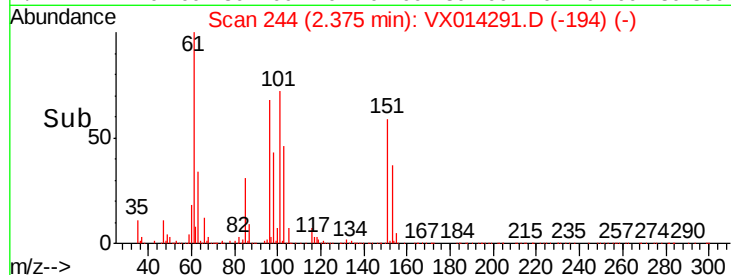
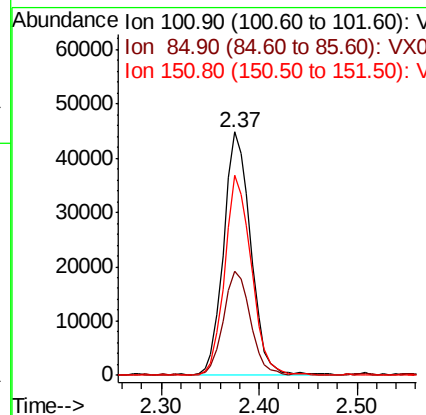
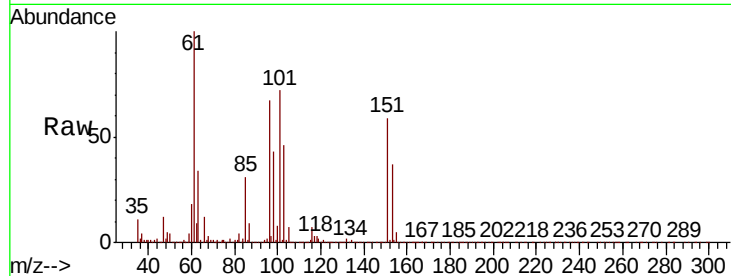
ClientSampleId :

VX1226WBSD02

Tot Ion:	101	Resp:	85646
Ion Ratio	Lower	Upper	
101	100		
85	42.4	33.7	50.5
151	80.2	64.5	96.7

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#10

Methyl Iodide

Concen: 18.334 ug/l

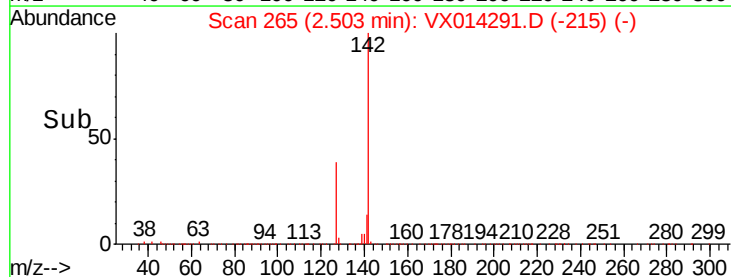
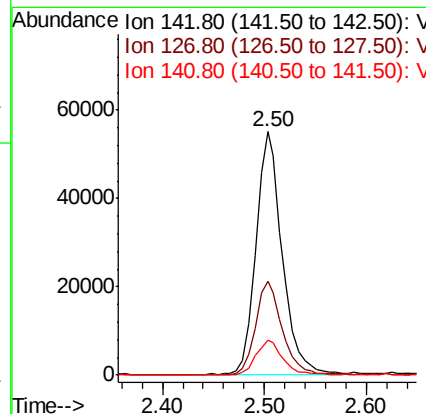
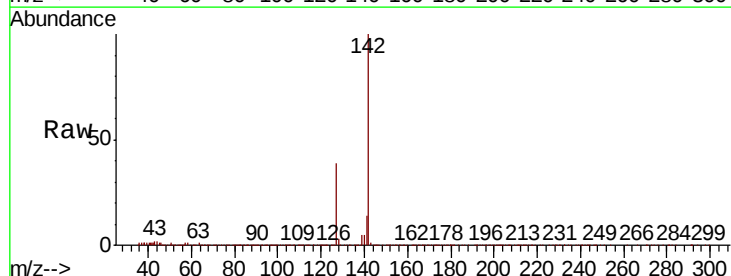
RT: 2.50 min Scan# 265

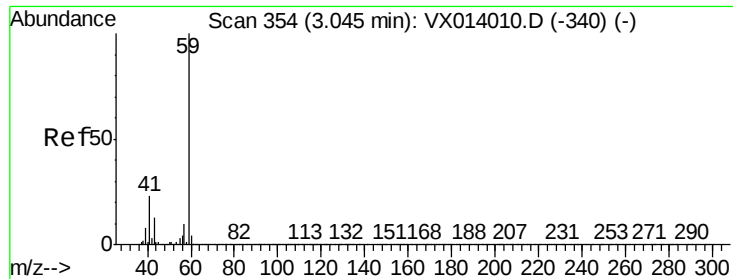
Delta R.T. 0.01 min

Lab File: VX014291.D

Acq: 27 Dec 2019 00:52

Tgt Ion:	142	Resp:	98619
Ion Ratio	Lower	Upper	
142	100		
127	39.5	31.6	47.4
141	15.0	11.6	17.4





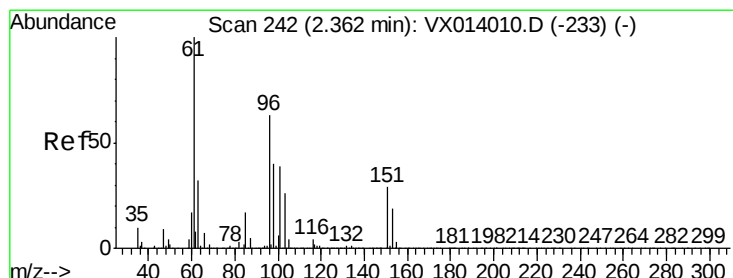
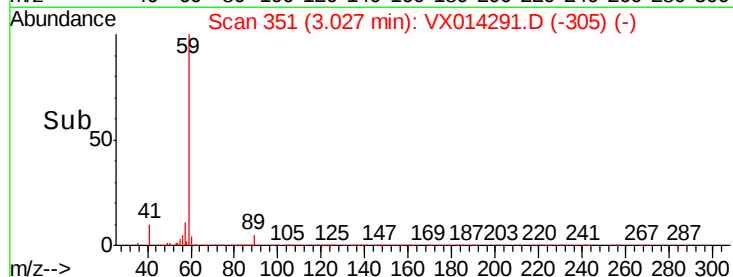
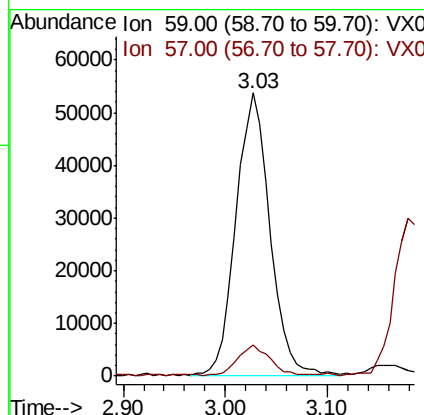
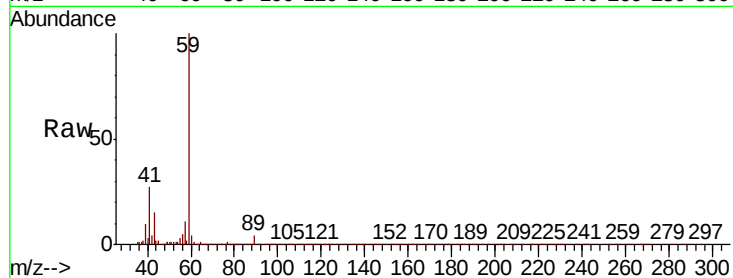
#11
Tert butyl alcohol
Concen: 106.032 ug/l
RT: 3.03 min Scan# 351
Delta R.T. -0.02 min
Lab File: VX014291.D
Acq: 27 Dec 2019 00:52

Instrument :
MSVOA_X
ClientSampleId :
VX1226WBSD02

Tot Ion	Ratio	Lower	Upper
59	100		
57	11.0	8.4	12.6

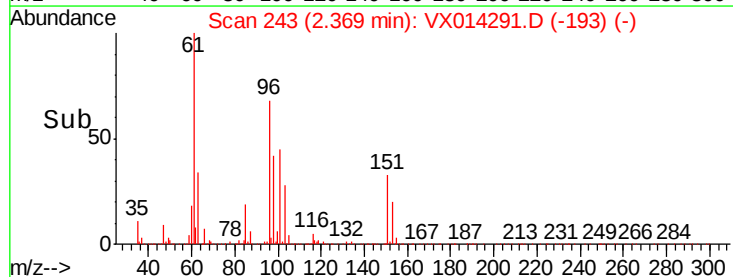
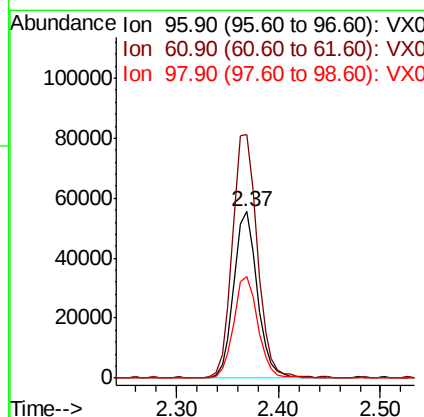
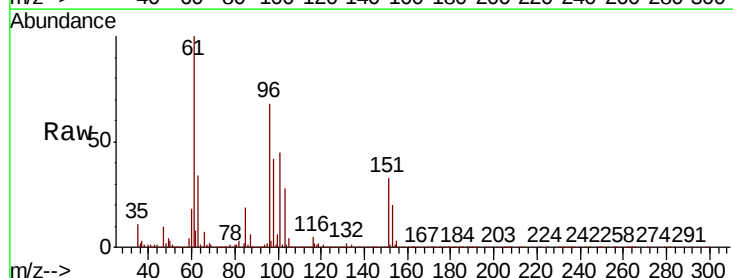
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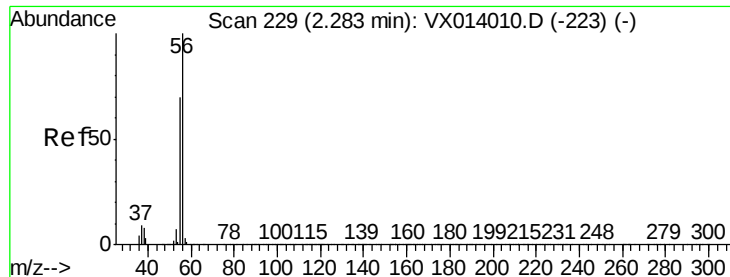
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#12
1,1-Dichloroethene
Concen: 19.115 ug/l
RT: 2.37 min Scan# 243
Delta R.T. 0.01 min
Lab File: VX014291.D
Acq: 27 Dec 2019 00:52

Tgt Ion	Ratio	Lower	Upper
96	100		
61	146.2	127.9	191.9
98	61.0	50.5	75.7





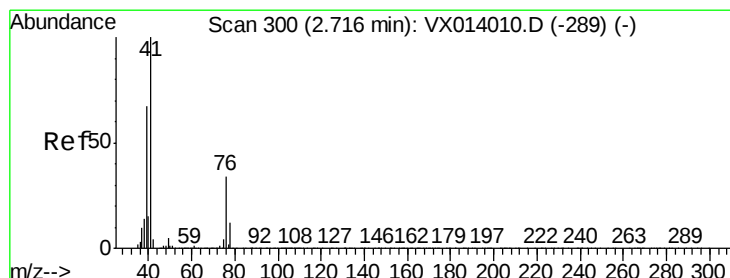
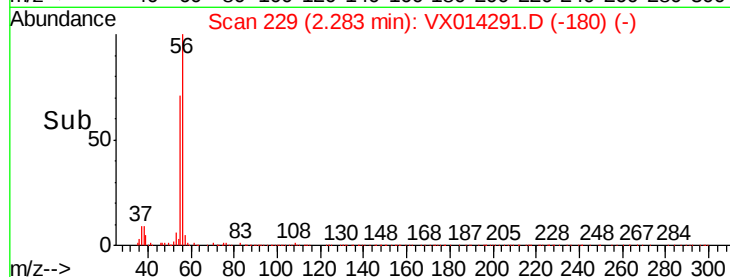
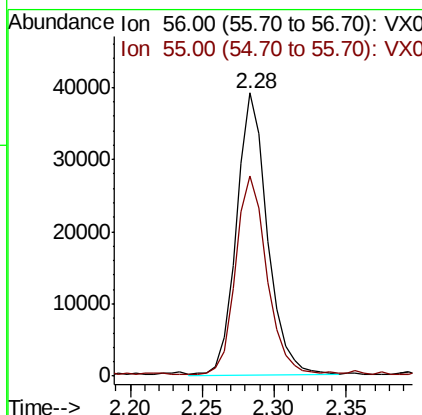
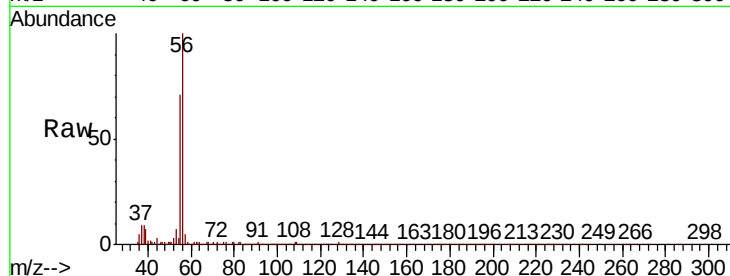
#13
Acrolein
Concen: 86.984 ug/l
RT: 2.28 min Scan# 229
Delta R.T. 0.00 min
Lab File: VX014291.D
Acq: 27 Dec 2019 00:52

Instrument :
MSVOA_X
ClientSampleId :
VX1226WBSD02

Tot Ion	Ratio	Lower	Upper
56	100		
55	71.8	56.9	85.3

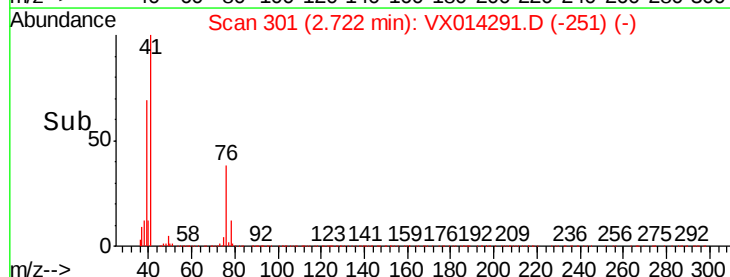
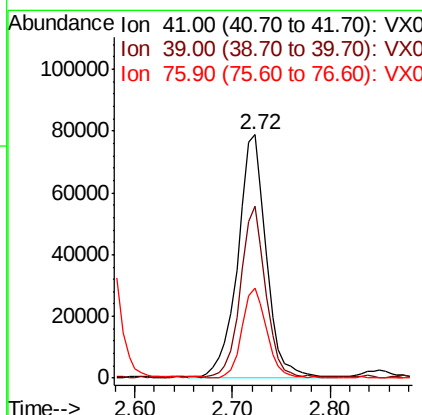
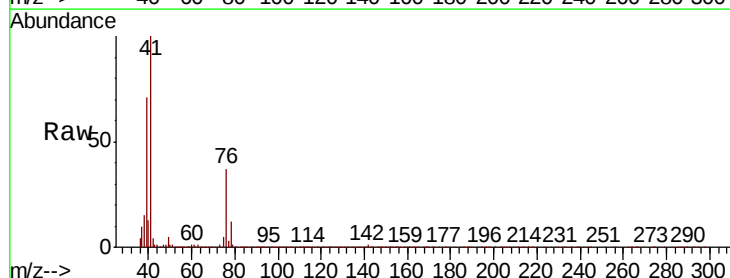
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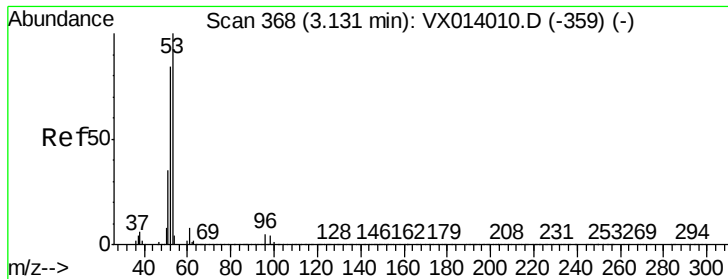
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#14
Allyl chloride
Concen: 19.302 ug/l
RT: 2.72 min Scan# 301
Delta R.T. 0.01 min
Lab File: VX014291.D
Acq: 27 Dec 2019 00:52

Tgt Ion	Ratio	Lower	Upper
41	100		
39	62.2	51.8	77.8
76	32.0	25.9	38.9





#15

Acrylonitrile

Concen: 108.121 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX014291.D

Acq: 27 Dec 2019 00:52

Instrument :

MSVOA_X

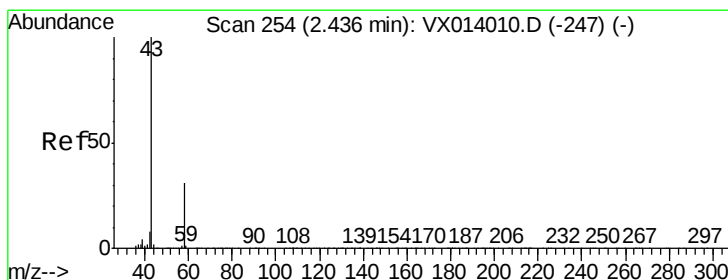
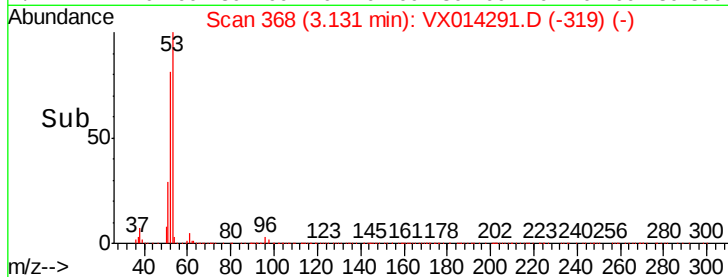
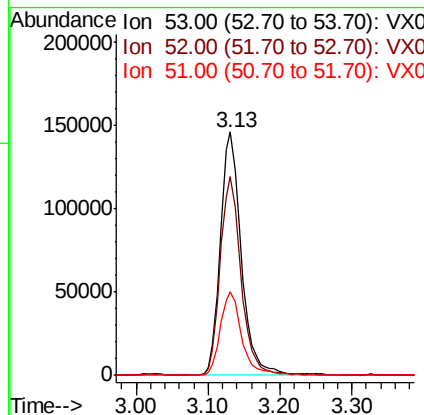
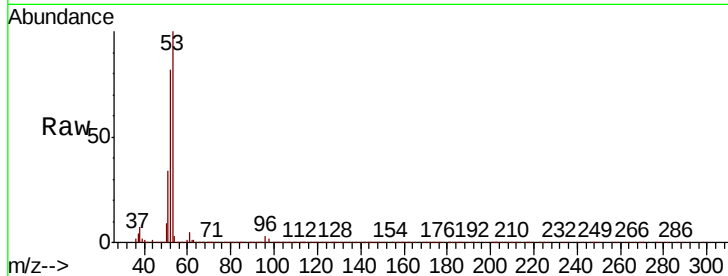
ClientSampleId :

VX1226WBSD02

Tot Ion:	53	Resp:	294823
Ion Ratio		Lower	Upper
53	100		
52	80.8	66.5	99.7
51	34.8	28.1	42.1

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#16

Acetone

Concen: 72.449 ug/l

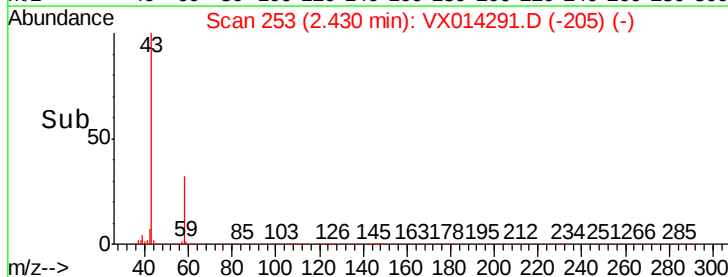
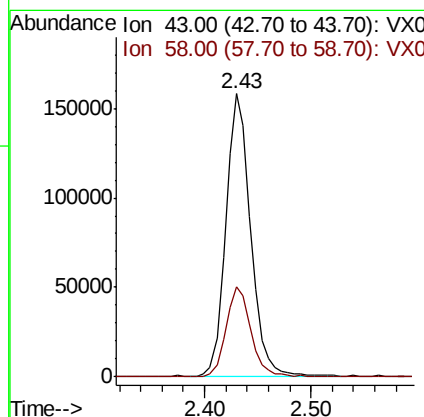
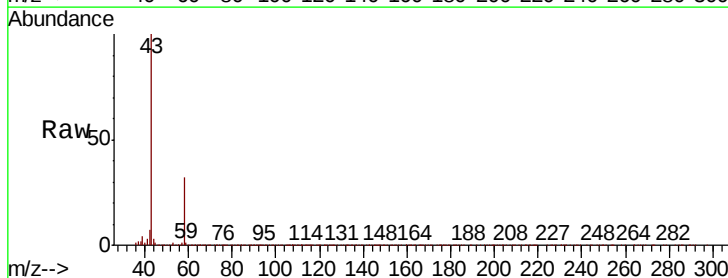
RT: 2.43 min Scan# 253

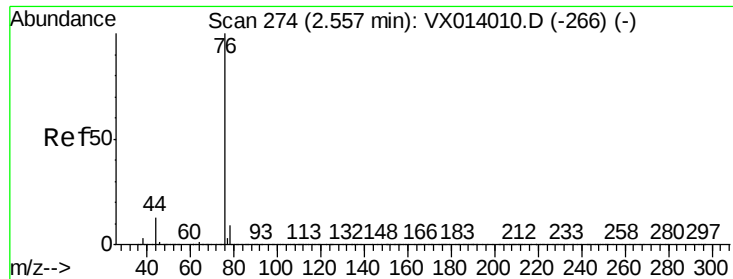
Delta R.T. -0.01 min

Lab File: VX014291.D

Acq: 27 Dec 2019 00:52

Tgt Ion:	43	Resp:	254299
Ion Ratio		Lower	Upper
43	100		
58	31.8	24.9	37.3





#17

Carbon Disulfide

Concen: 17.494 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.01 min

Lab File: VX014291.D

Acq: 27 Dec 2019 00:52

Instrument :

MSVOA_X

ClientSampleId :

VX1226WBSD02

Tot Ion: 76 Resp: 216552

Ion Ratio Lower Upper

76 100

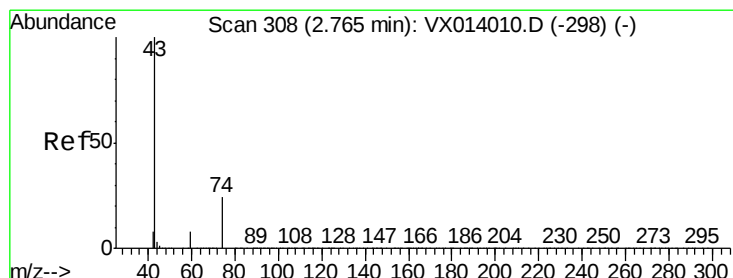
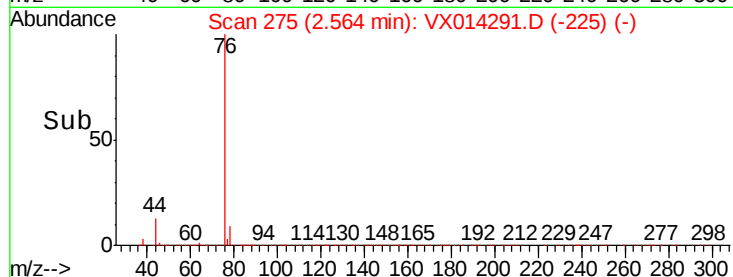
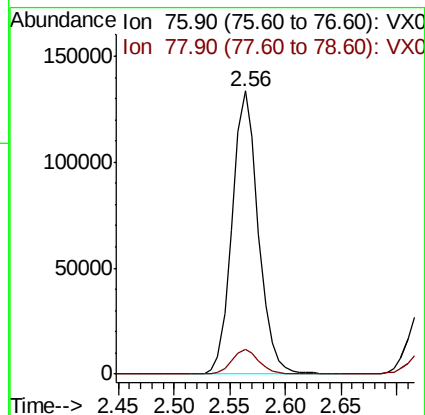
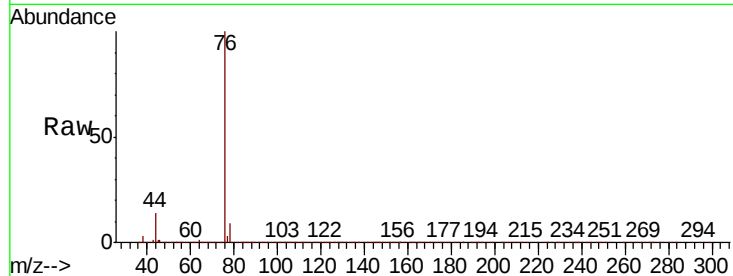
78 8.7 7.2 10.8

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#18

Methyl Acetate

Concen: 21.891 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.01 min

Lab File: VX014291.D

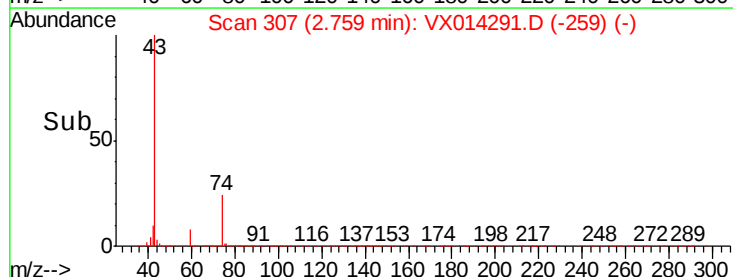
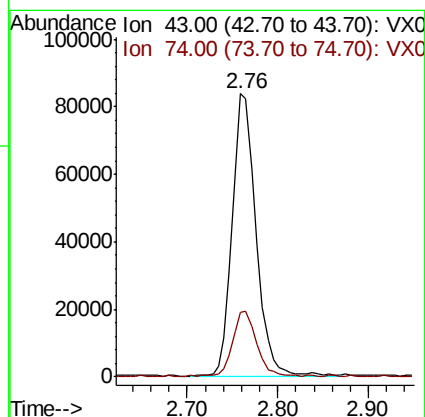
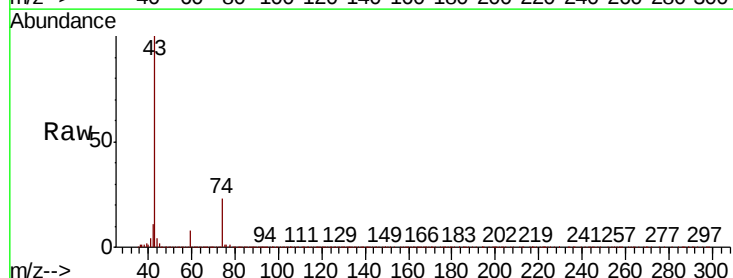
Acq: 27 Dec 2019 00:52

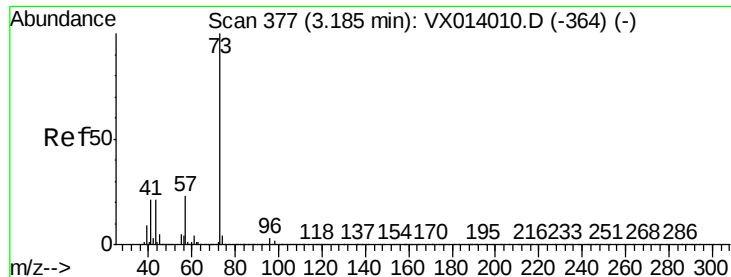
Tgt Ion: 43 Resp: 152261

Ion Ratio Lower Upper

43 100

74 23.4 19.5 29.3





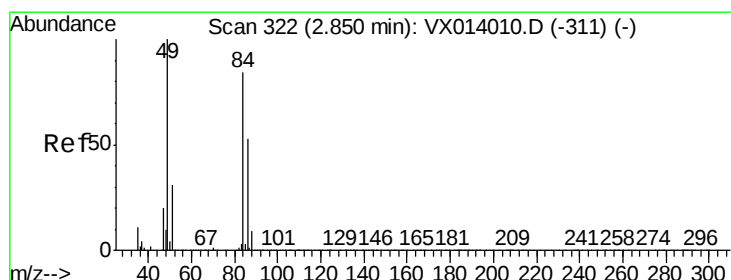
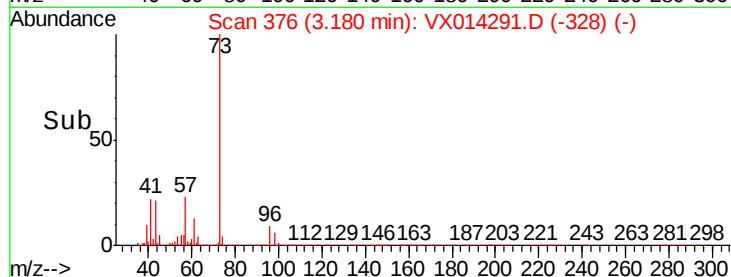
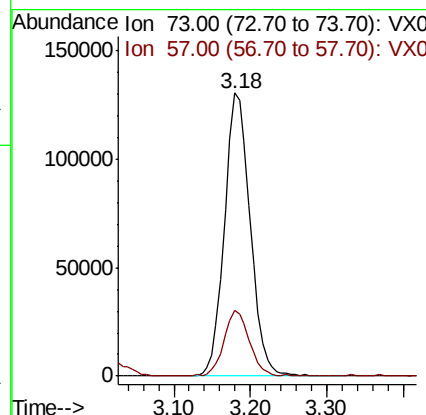
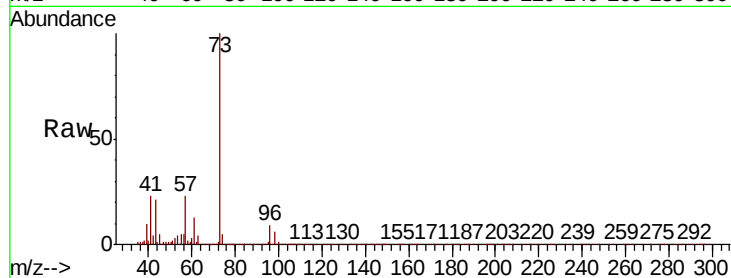
#19
Methvl tert-butvl Ether
Concen: 20.188 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.01 min
Lab File: VX014291.D
Acq: 27 Dec 2019 00:52

Instrument :
MSVOA_X
ClientSampleId :
VX1226WBSD02

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.8	18.8	28.2

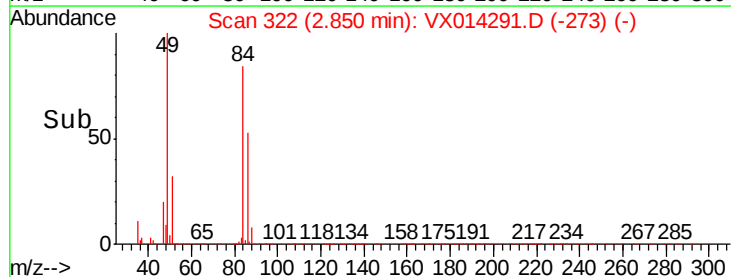
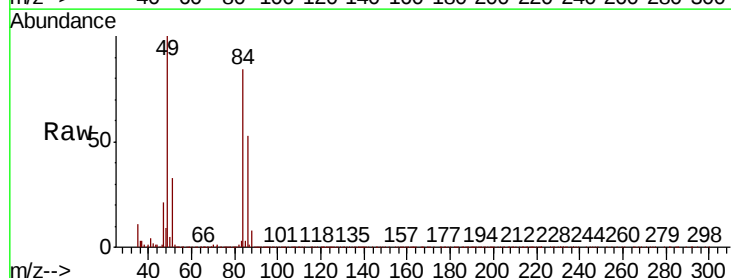
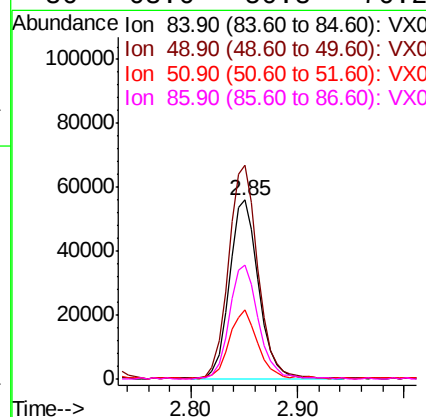
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#20
Methylene Chloride
Concen: 19.271 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.00 min
Lab File: VX014291.D
Acq: 27 Dec 2019 00:52

Tgt Ion	Ratio	Lower	Upper
84	100		
49	119.7	95.8	143.6
51	38.7	29.8	44.8
86	63.6	50.8	76.2





#21

trans-1,2-Dichloroethene

Concen: 18.687 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX014291.D

Acq: 27 Dec 2019 00:52

Instrument :

MSVOA_X

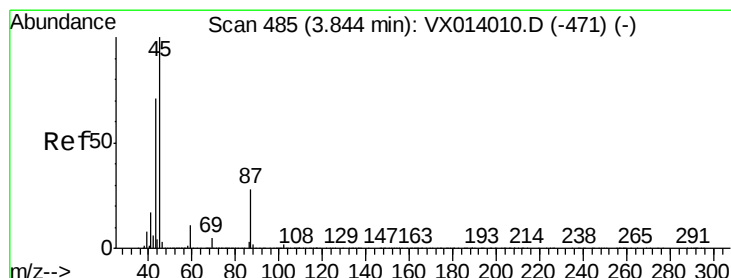
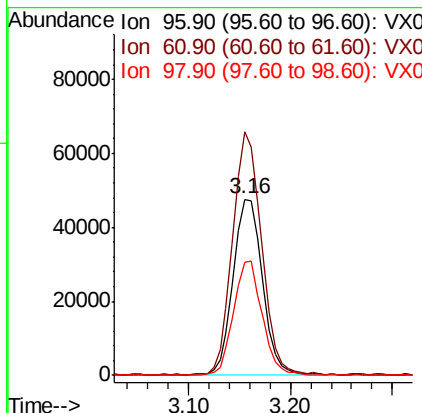
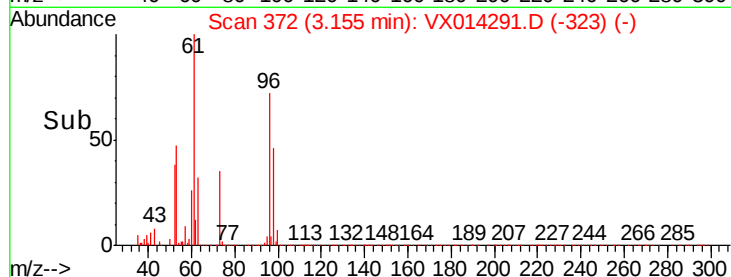
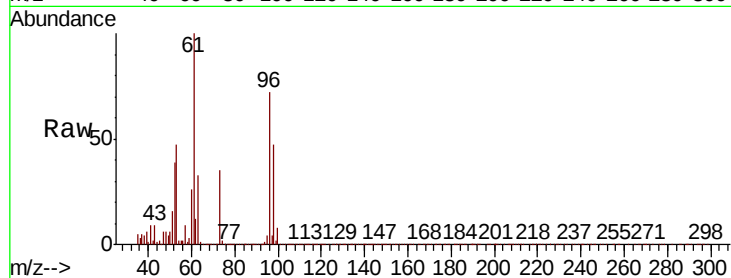
ClientSampleId :

VX1226WBSD02

Tot Ion:	96	Resp:	94474
Ion	Ratio	Lower	Upper
96	100		
61	138.1	108.3	162.5
98	64.2	50.8	76.2

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#22

Diisopropyl ether

Concen: 20.678 ug/l

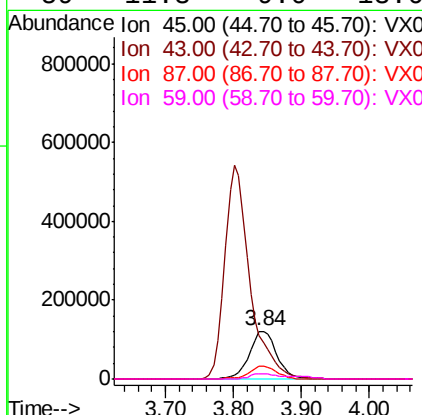
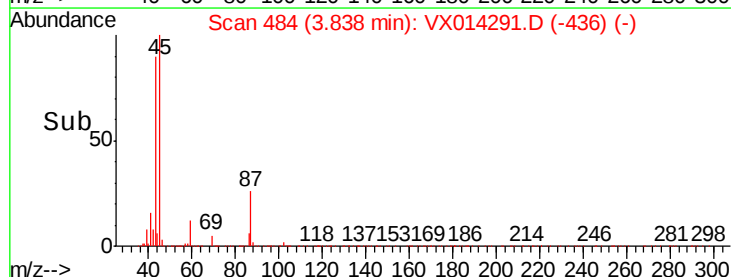
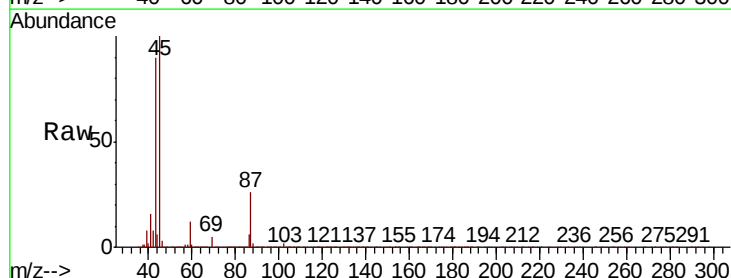
RT: 3.84 min Scan# 484

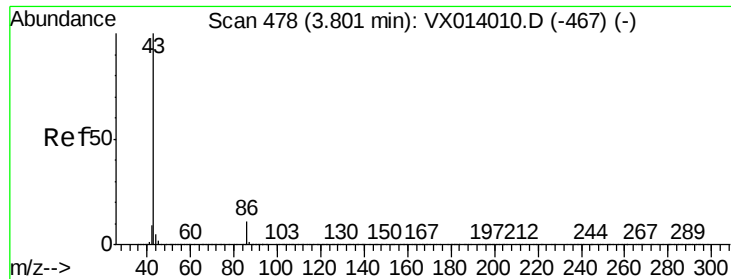
Delta R.T. -0.01 min

Lab File: VX014291.D

Acq: 27 Dec 2019 00:52

Tgt Ion:	45	Resp:	337616
Ion	Ratio	Lower	Upper
45	100		
43	90.1	57.4	86.0#
87	26.0	21.9	32.9
59	11.3	9.0	13.6





#23

Vinyl Acetate

Concen: 104.170 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX014291.D

Acq: 27 Dec 2019 00:52

Instrument :

MSVOA_X

ClientSampleId :

VX1226WBSD02

Tot Ion: 43 Resp: 1387951

Ion Ratio Lower Upper

43 100

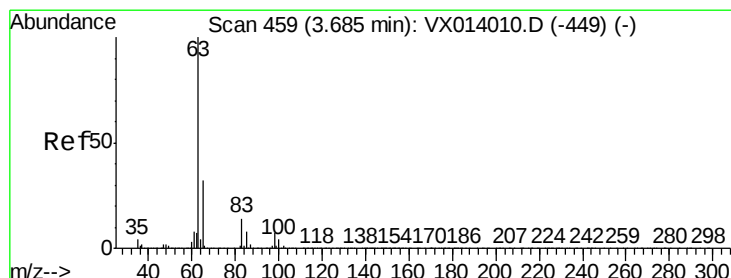
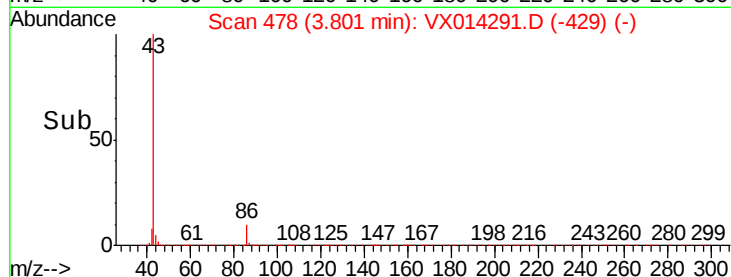
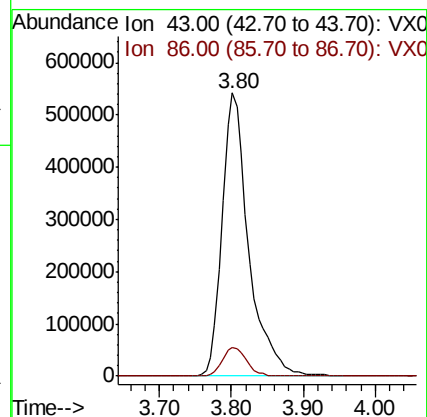
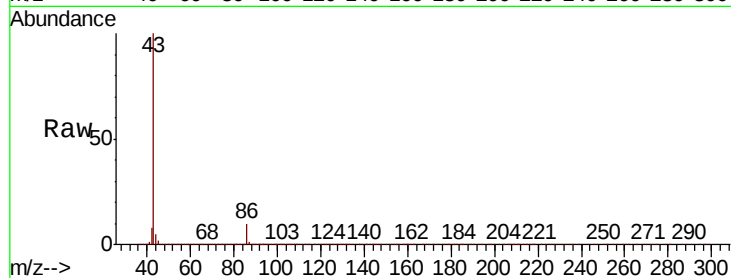
86 10.3 8.6 12.8

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#24

1,1-Dichloroethane

Concen: 19.800 ug/l

RT: 3.69 min Scan# 460

Delta R.T. 0.01 min

Lab File: VX014291.D

Acq: 27 Dec 2019 00:52

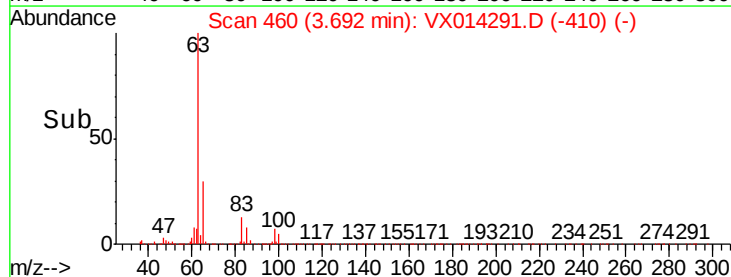
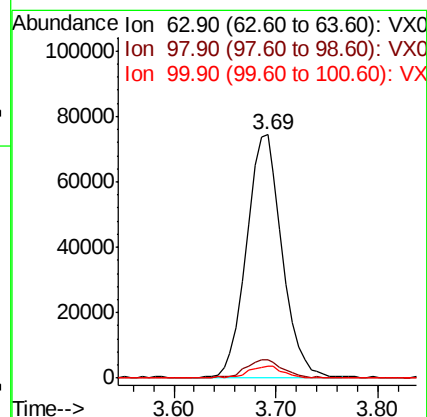
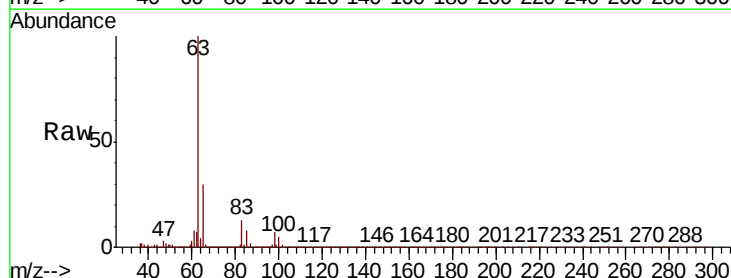
Tgt Ion: 63 Resp: 179858

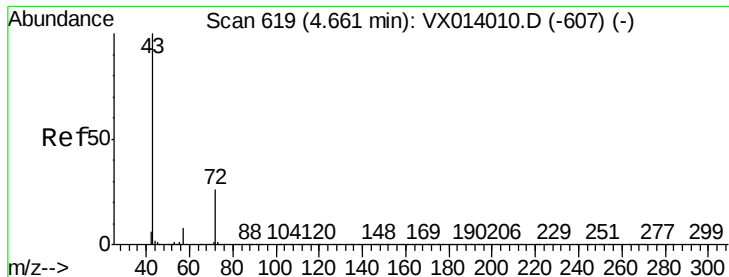
Ion Ratio Lower Upper

63 100

98 7.3 3.6 10.8

100 4.5 2.3 6.8





#25

2-Butanone

Concen: 93.142 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.00 min

Lab File: VX014291.D

Acq: 27 Dec 2019 00:52

Instrument :

MSVOA_X

ClientSampleId :

VX1226WBSD02

Tot Ion: 43 Resp: 403070

Ion Ratio Lower Upper

43 100

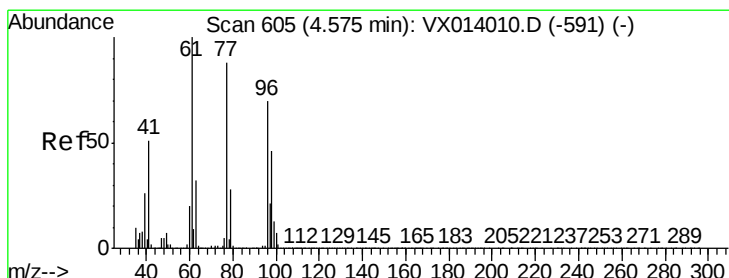
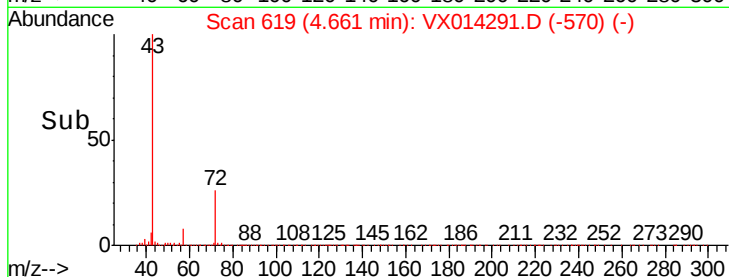
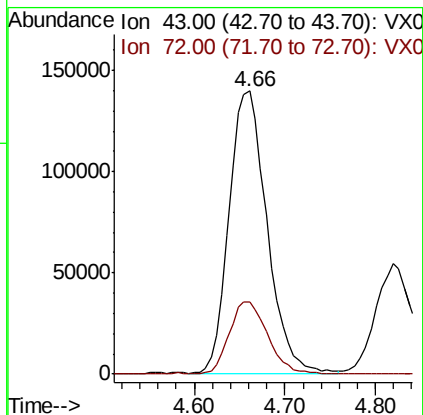
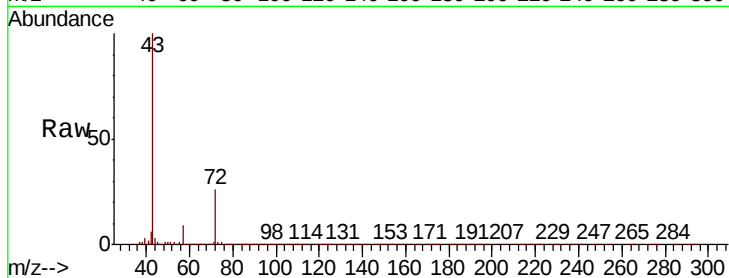
72 25.5 21.0 31.4

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#26

2,2-Dichloropropane

Concen: 14.925 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX014291.D

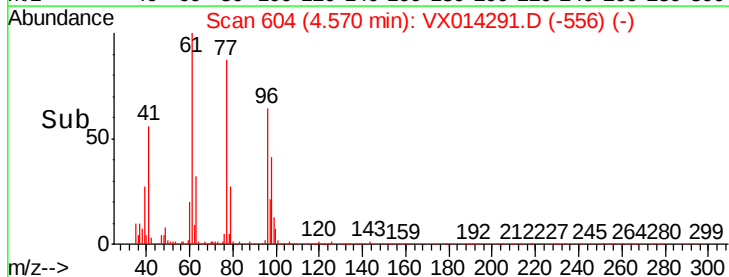
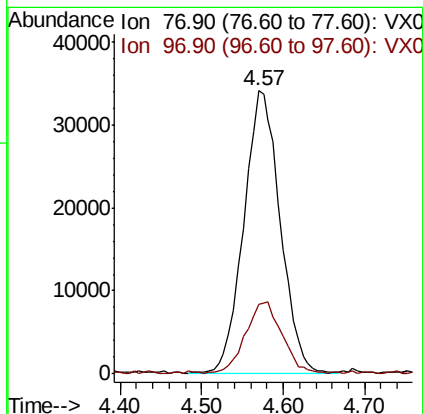
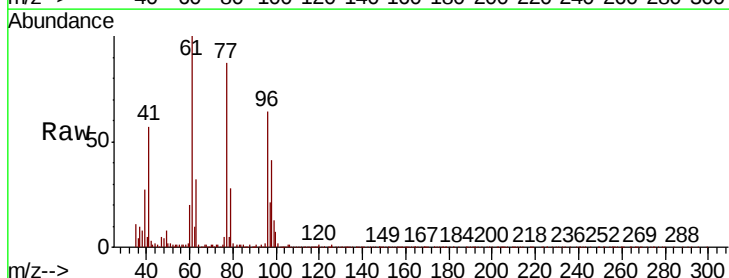
Acq: 27 Dec 2019 00:52

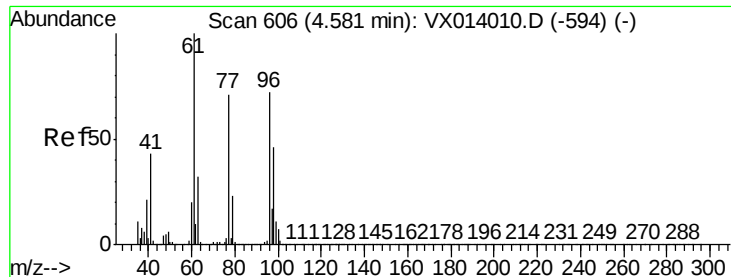
Tgt Ion: 77 Resp: 105266

Ion Ratio Lower Upper

77 100

97 25.3 11.9 35.9





#27

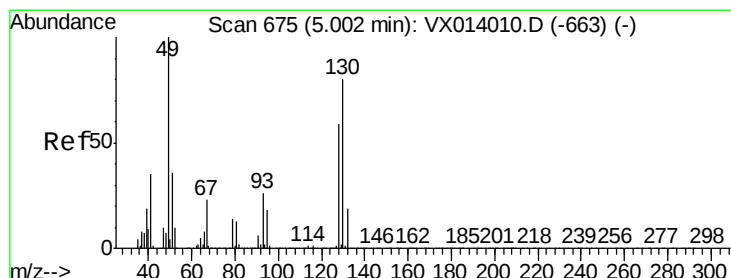
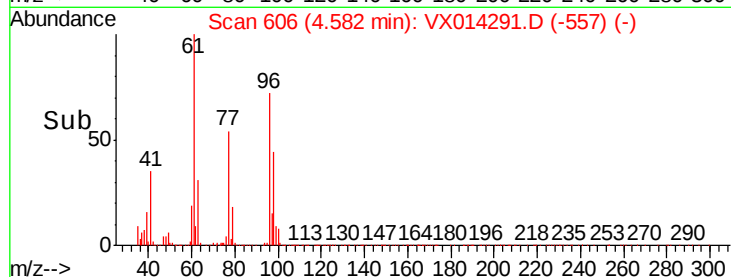
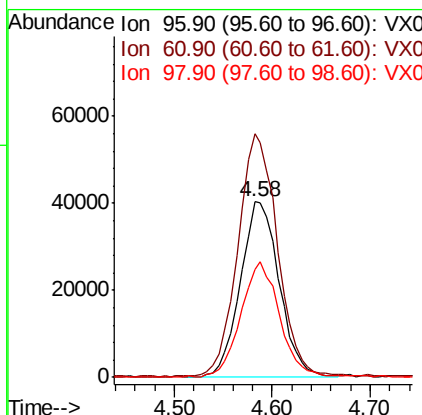
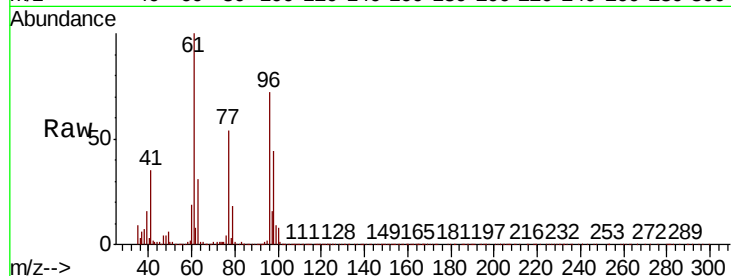
cis-1,2-Dichloroethene
Concen: 19.412 ug/l
RT: 4.58 min Scan# 606
Delta R.T. 0.00 min
Lab File: VX014291.D
Acq: 27 Dec 2019 00:52

Instrument :
MSVOA_X
ClientSampleId :
VX1226WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
96	100	110988		
61	143.1	0.0	288.4	
98	65.2	0.0	129.6	

Manual Integrations
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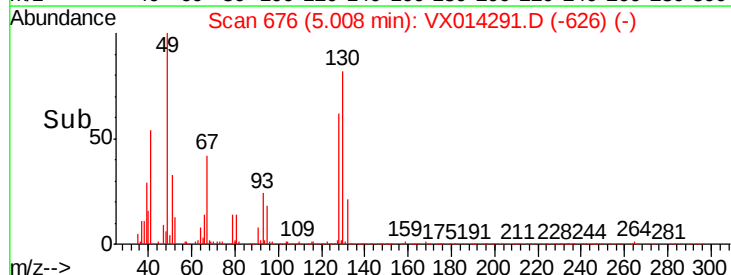
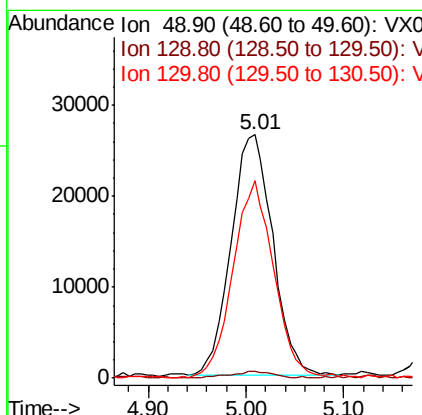
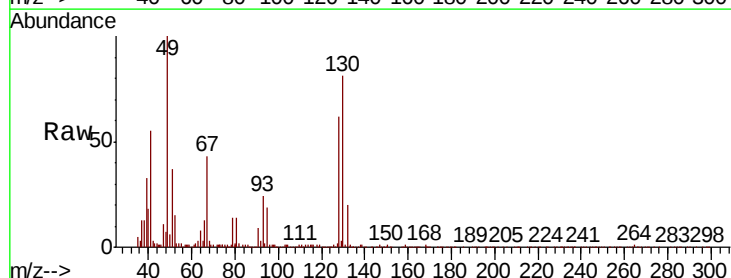
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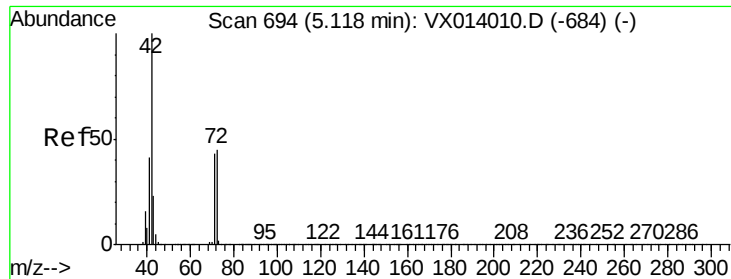


#28

Bromochloromethane
Concen: 22.684 ug/l
RT: 5.01 min Scan# 676
Delta R.T. 0.01 min
Lab File: VX014291.D
Acq: 27 Dec 2019 00:52

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	78373		
129	2.4	0.0	5.0	
130	80.6	64.6	97.0	





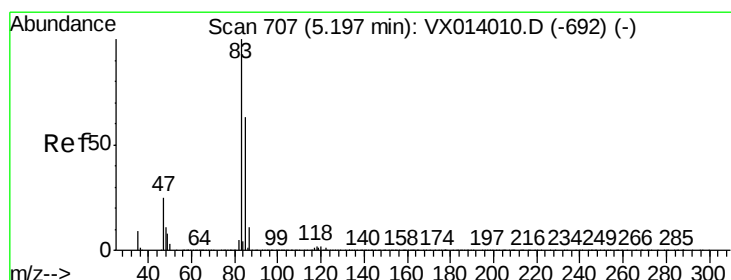
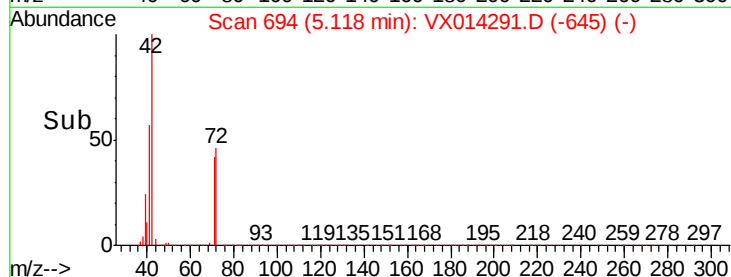
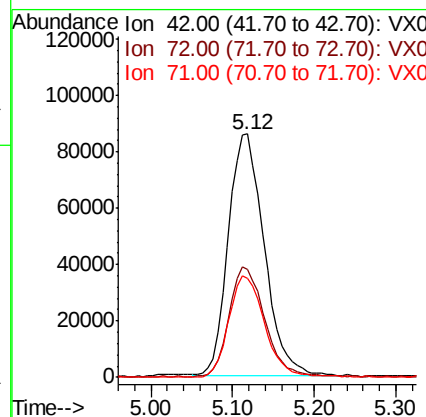
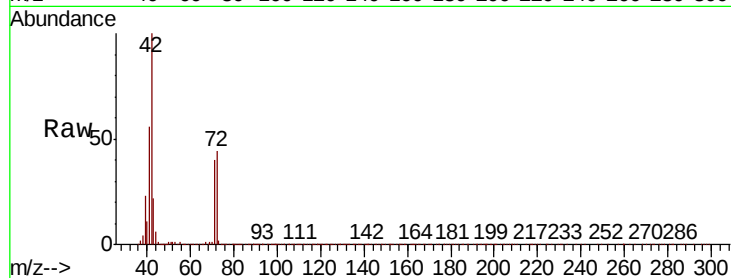
#29
Tetrahydrofuran
Concen: 108.505 ug/l
RT: 5.12 min Scan# 694
Delta R.T. 0.00 min
Lab File: VX014291.D
Acq: 27 Dec 2019 00:52

Instrument :
MSVOA_X
ClientSampleId :
VX1226WBSD02

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.0	35.8	53.8
71	41.9	33.6	50.4

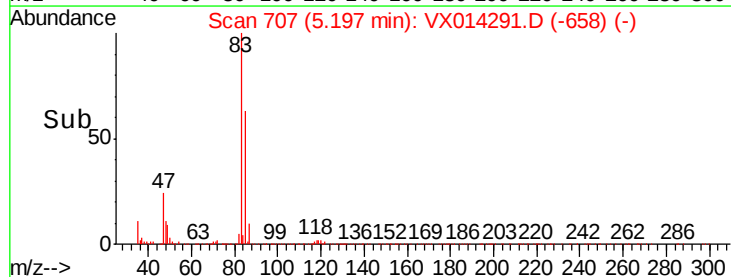
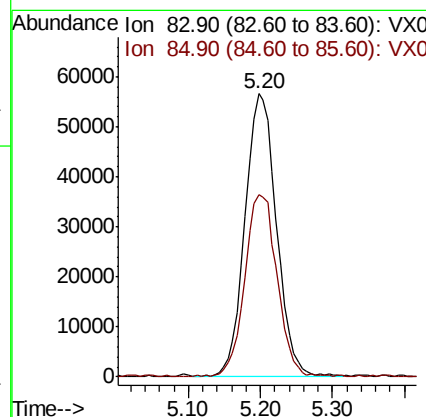
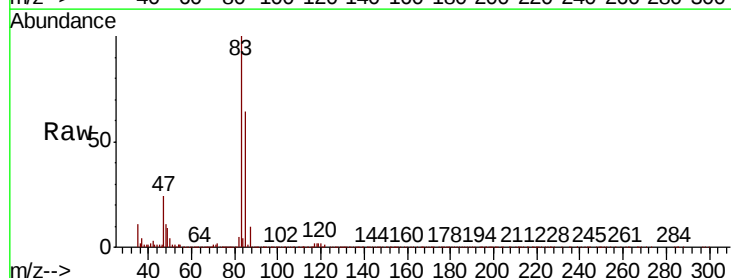
Manual Integrations
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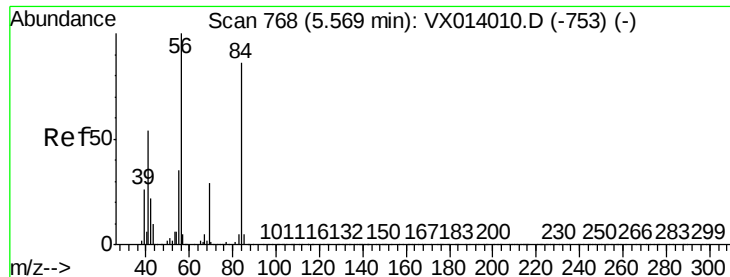
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#30
Chloroform
Concen: 20.016 ug/l
RT: 5.20 min Scan# 707
Delta R.T. 0.00 min
Lab File: VX014291.D
Acq: 27 Dec 2019 00:52

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.1	50.8	76.2





#31

Cyclohexane

Concen: 19.363 ug/l

RT: 5.57 min Scan# 768

Delta R.T. 0.00 min

Lab File: VX014291.D

Acq: 27 Dec 2019 00:52

Instrument :

MSVOA_X

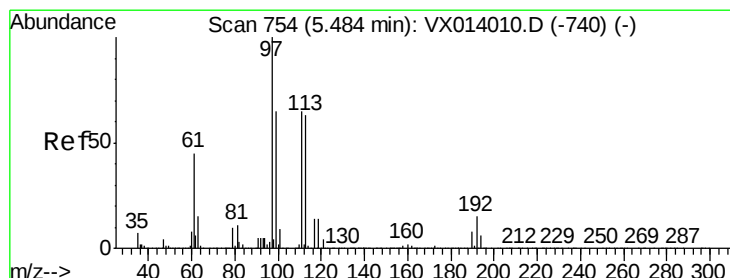
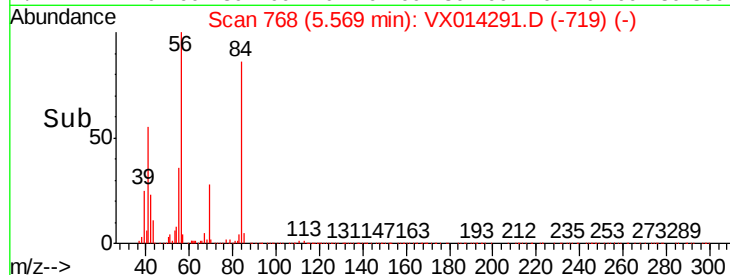
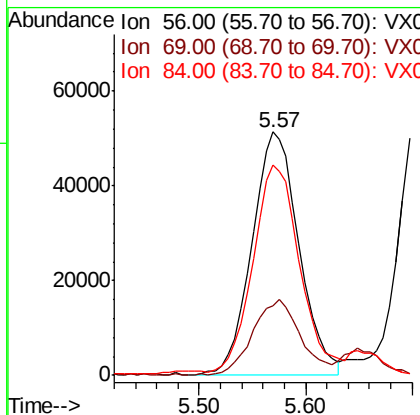
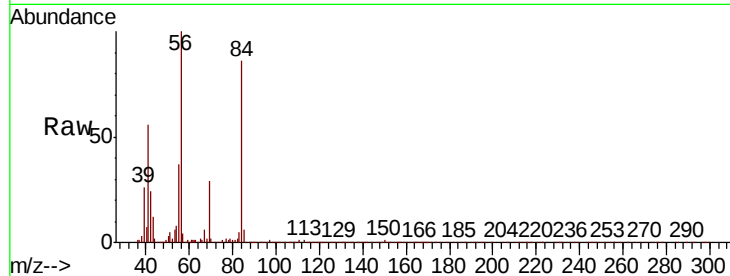
ClientSampleId :

VX1226WBSD02

Tot Ion:	56	Resp:	156433
Ion Ratio		Lower	Upper
56	100		
69	28.5	23.2	34.8
84	85.0	69.2	103.8

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#32

1,1,1-Trichloroethane

Concen: 19.140 ug/l

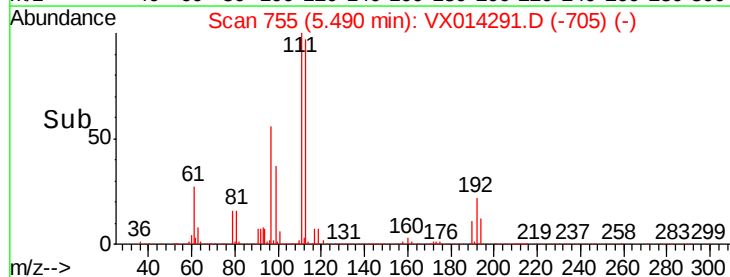
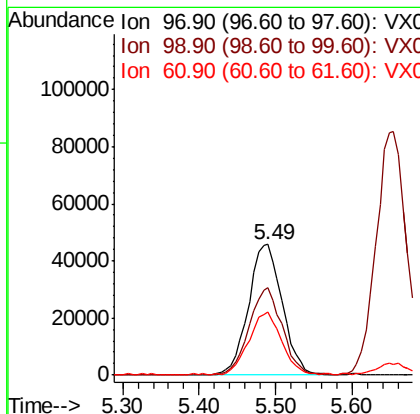
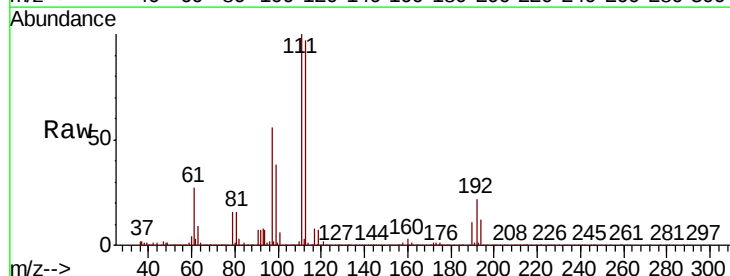
RT: 5.49 min Scan# 755

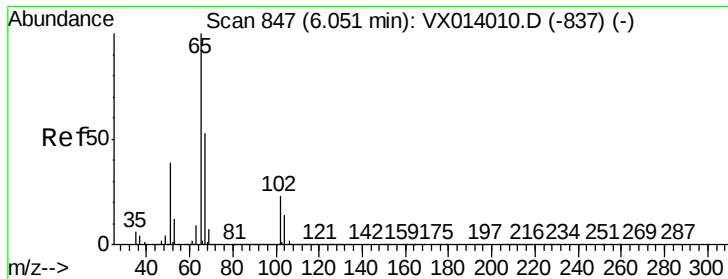
Delta R.T. 0.01 min

Lab File: VX014291.D

Acq: 27 Dec 2019 00:52

Tgt Ion:	97	Resp:	140473
Ion Ratio		Lower	Upper
97	100		
99	64.7	52.0	78.0
61	46.4	36.7	55.1





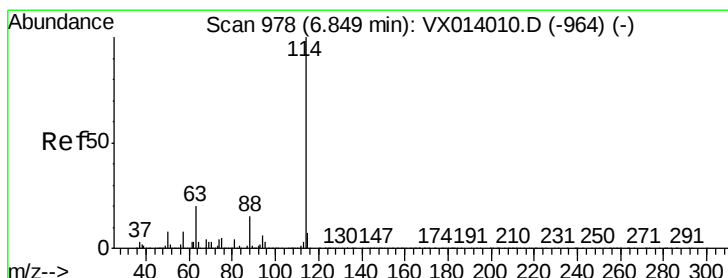
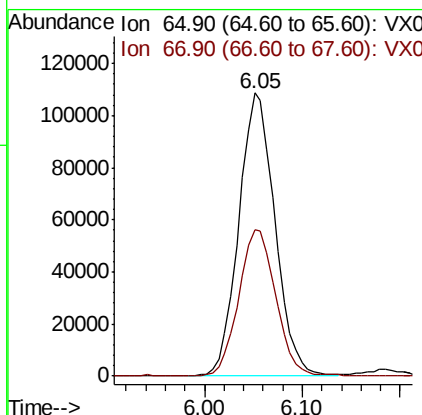
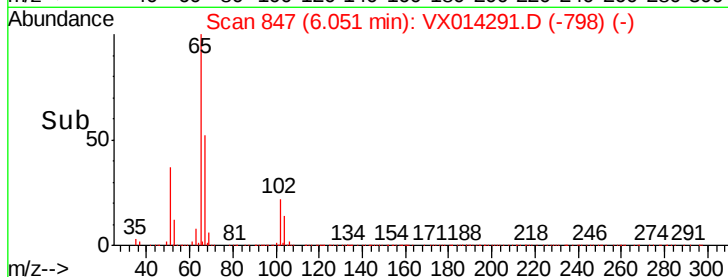
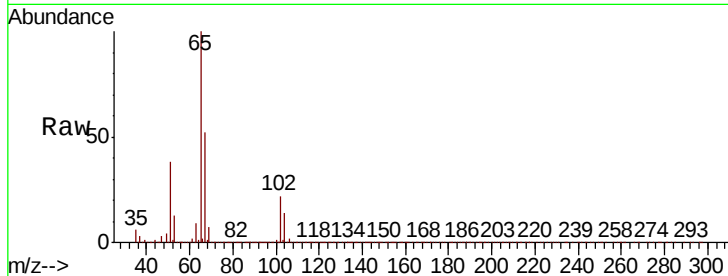
#33
 1,2-Dichloroethane-d4
 Concen: 51.771 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX014291.D
 Acq: 27 Dec 2019 00:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1226WBSD02

Tot Ion	Ratio	Lower	Upper
65	100		
67	53.2	0.0	106.4

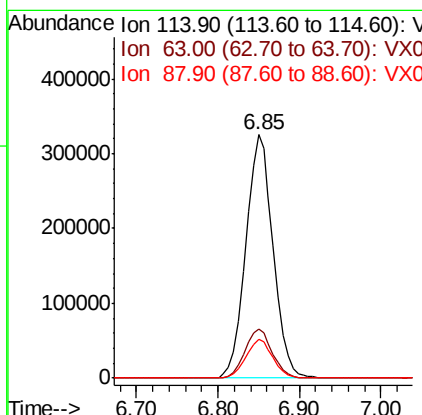
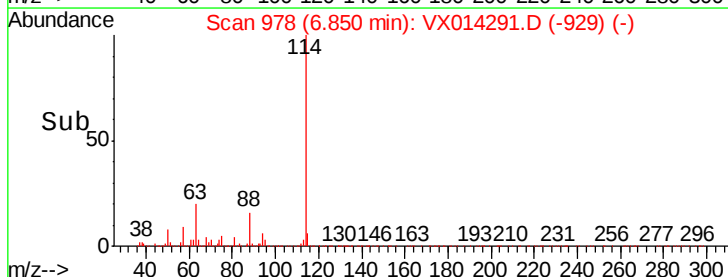
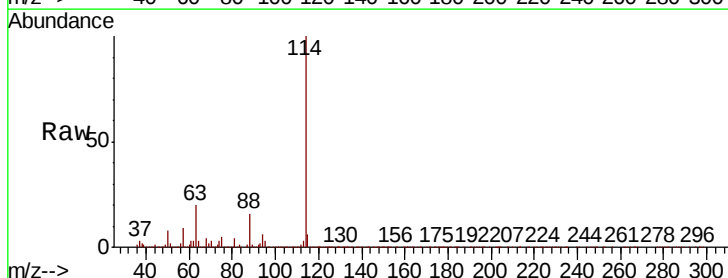
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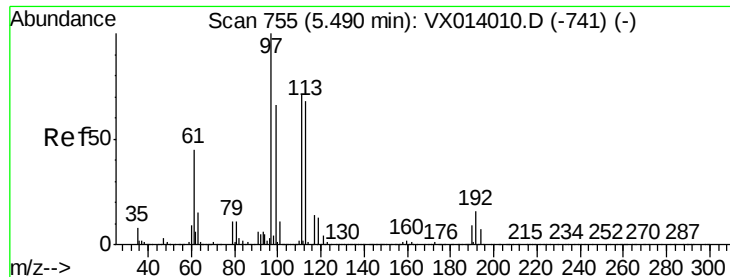
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX014291.D
 Acq: 27 Dec 2019 00:52

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.1	0.0	40.8
88	15.9	0.0	30.4





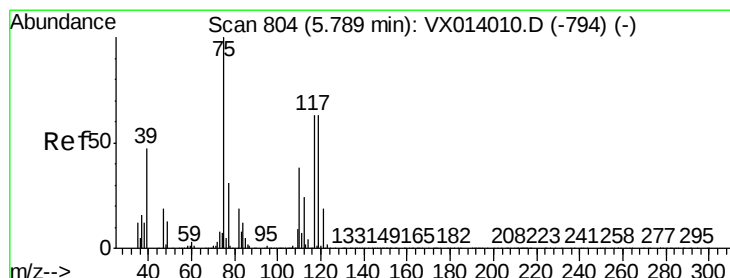
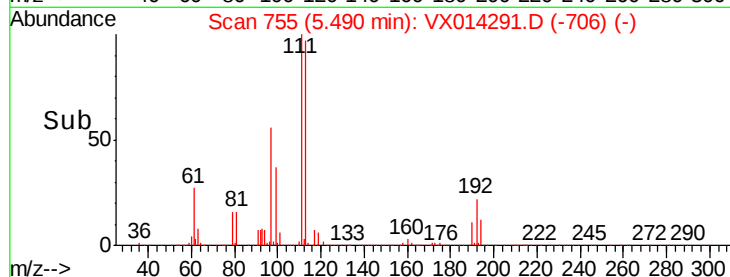
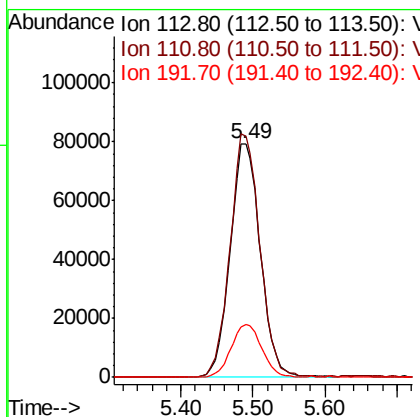
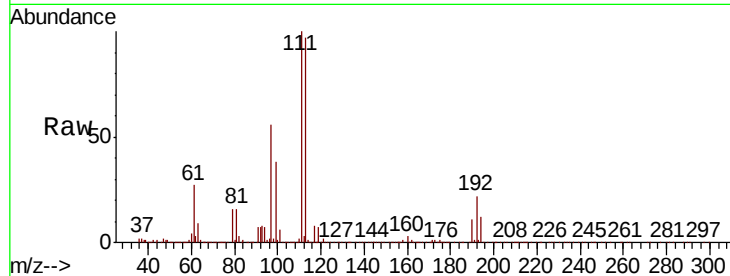
#35
Dibromofluoromethane
Concen: 50.175 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.00 min
Lab File: VX014291.D
Acq: 27 Dec 2019 00:52

Instrument :
MSVOA_X
ClientSampleId :
VX1226WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
113	100	229565		
111	102.6	82.0	123.0	
192	23.3	19.3	28.9	

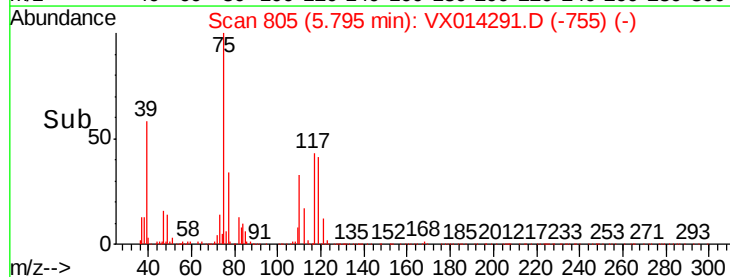
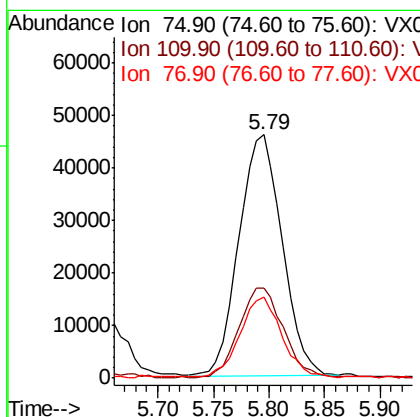
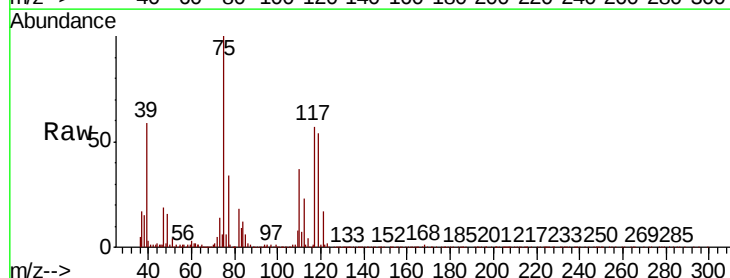
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#36
1,1-Dichloropropene
Concen: 17.934 ug/l
RT: 5.79 min Scan# 805
Delta R.T. 0.01 min
Lab File: VX014291.D
Acq: 27 Dec 2019 00:52

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	123850		
110	37.6	18.3	54.9	
77	32.2	24.8	37.2	





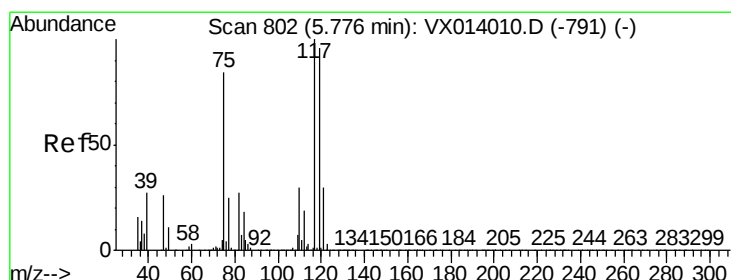
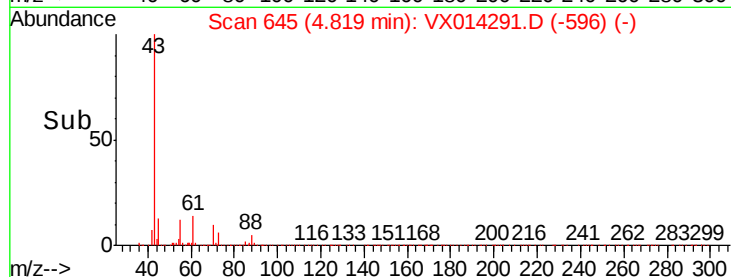
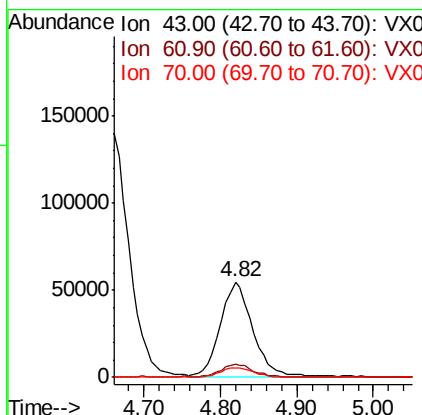
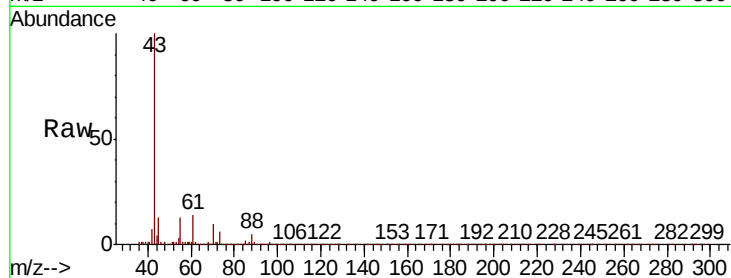
#37
Ethyl Acetate
Concen: 20.633 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX014291.D
Acq: 27 Dec 2019 00:52

Instrument :
MSVOA_X
ClientSampleId :
VX1226WBSD02

Tot Ion	43	Resp	157348
Ion Ratio	Lower	Upper	
43	100		
61	13.6	10.8	16.2
70	10.3	8.6	12.8

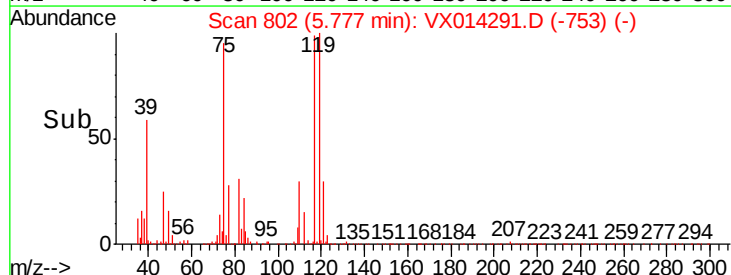
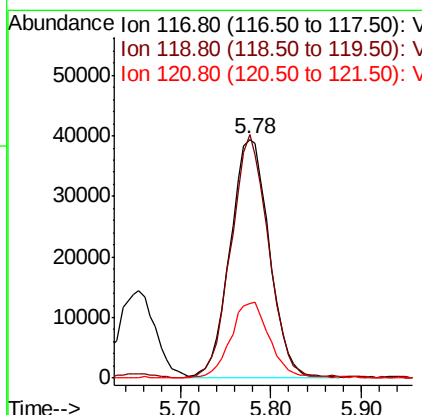
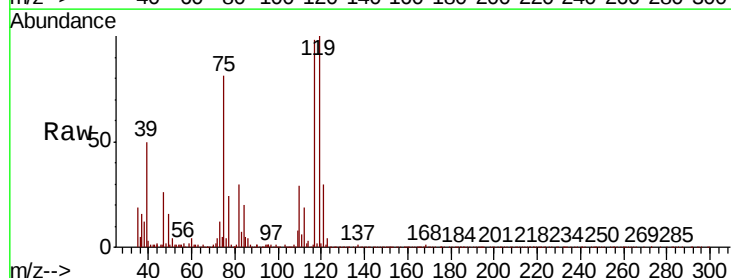
Manual Integrations
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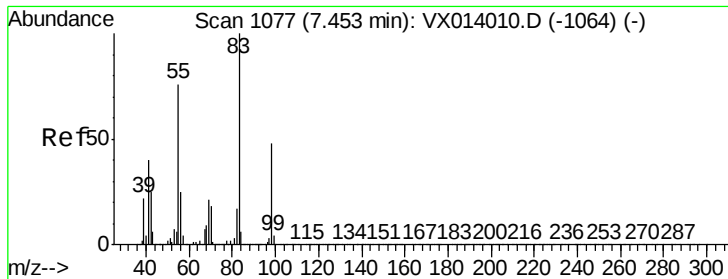
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#38
Carbon Tetrachloride
Concen: 18.618 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX014291.D
Acq: 27 Dec 2019 00:52

Tgt Ion	117	Resp	117131
Ion Ratio	Lower	Upper	
117	100		
119	101.8	76.2	114.4
121	30.8	23.6	35.4





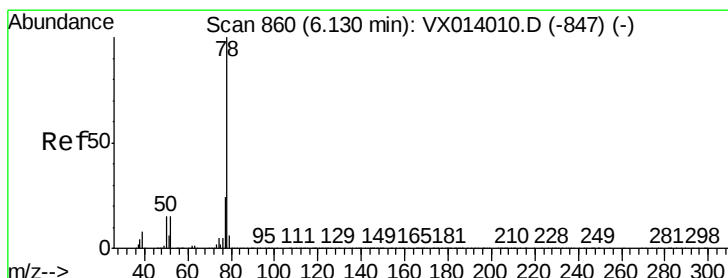
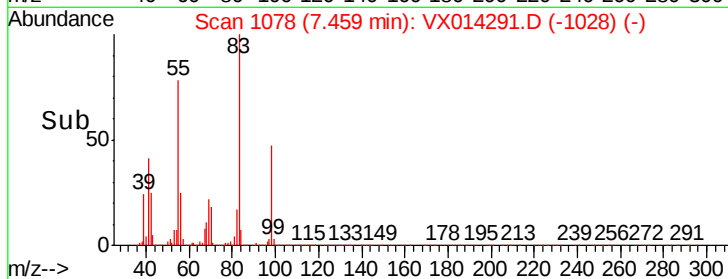
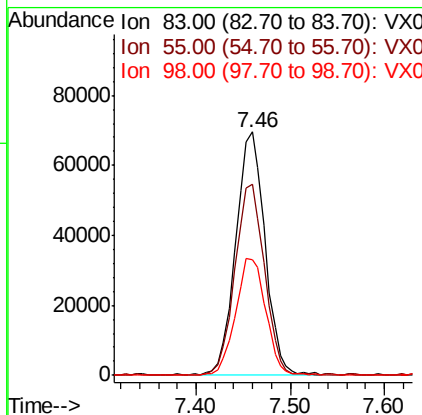
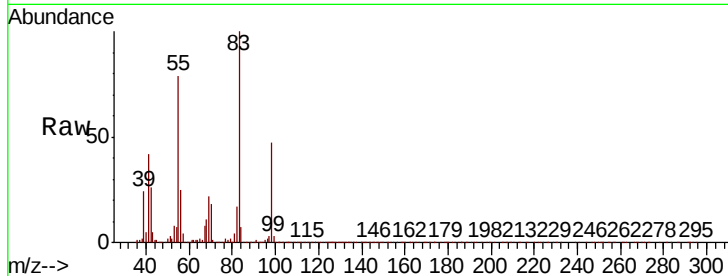
#39
Methvlcvclohexane
Concen: 17.681 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.01 min
Lab File: VX014291.D
Acq: 27 Dec 2019 00:52

Instrument :
MSVOA_X
ClientSampleId :
VX1226WBSD02

Tot Ion	Ratio	Lower	Upper
83	100		
55	78.1	61.0	91.6
98	47.3	38.6	57.8

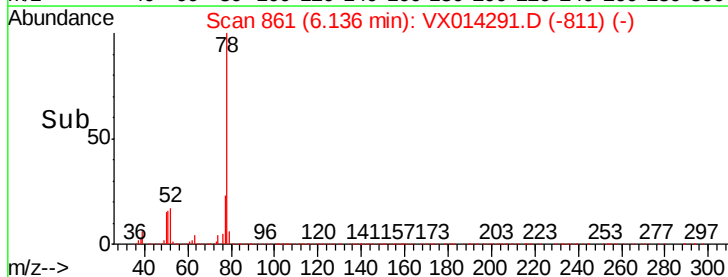
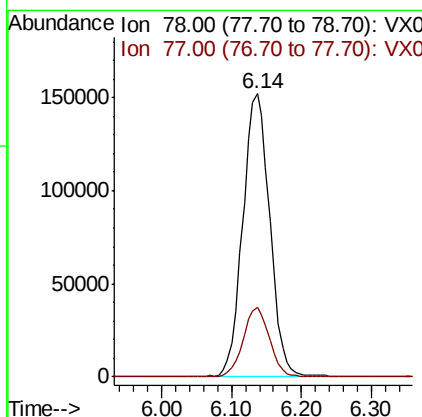
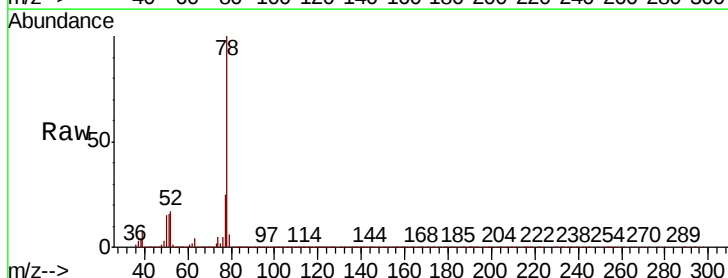
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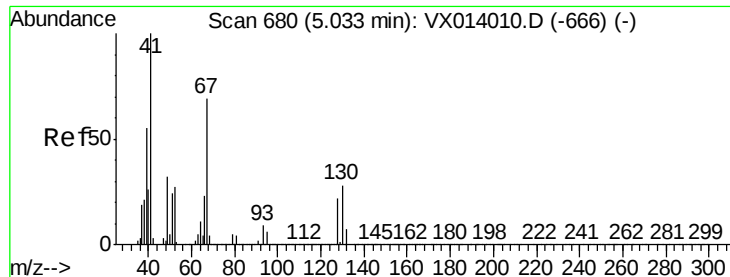
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#40
Benzene
Concen: 19.115 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.01 min
Lab File: VX014291.D
Acq: 27 Dec 2019 00:52

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.4	18.8	28.2





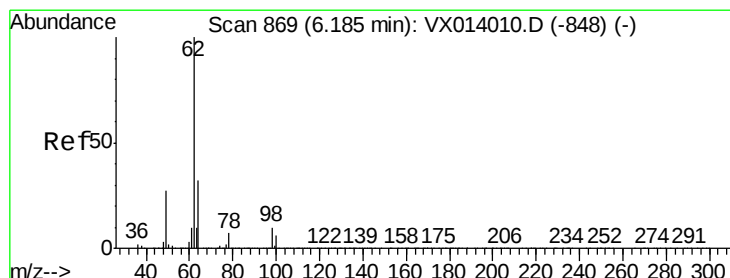
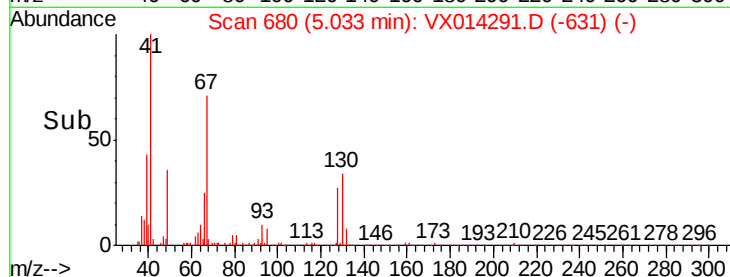
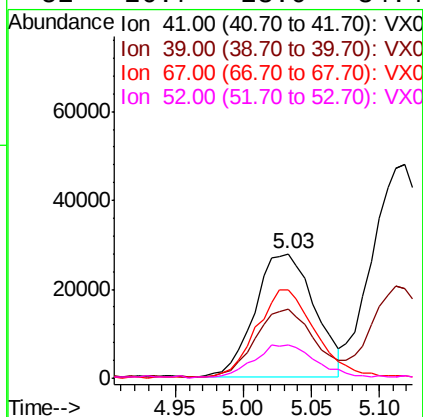
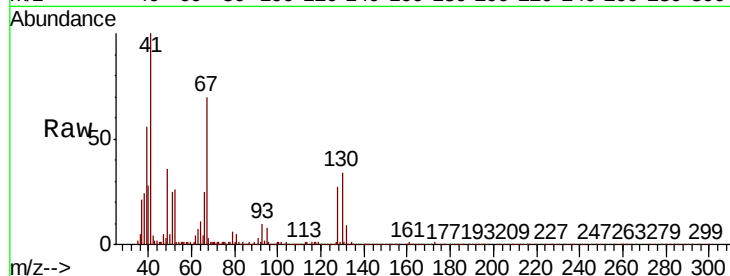
#41
Methacrylonitrile
Concen: 20.096 ug/l
RT: 5.03 min Scan# 680
Delta R.T. 0.00 min
Lab File: VX014291.D
Acq: 27 Dec 2019 00:52

Instrument :
MSVOA_X
ClientSampleId :
VX1226WBSD02

Tot Ion	Ratio	Lower	Upper
41	100		
39	54.9	44.5	66.7
67	70.5	57.4	86.0
52	26.7	23.0	34.4

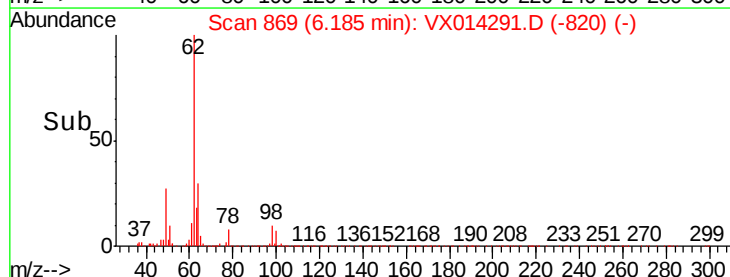
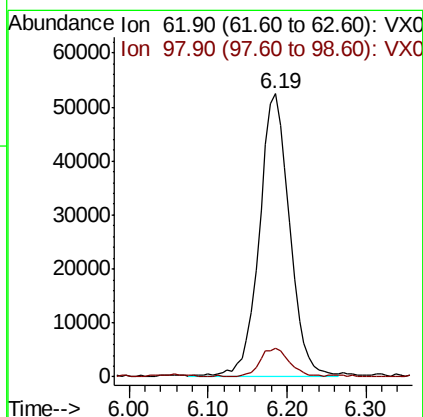
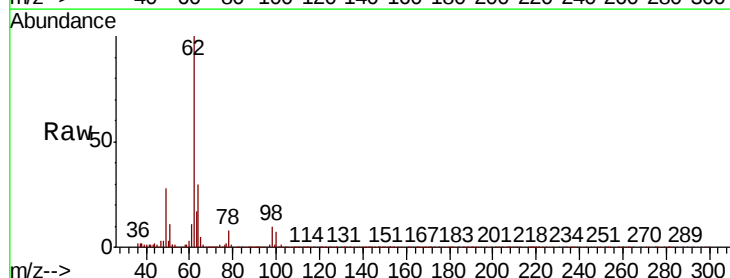
Manual Integrations
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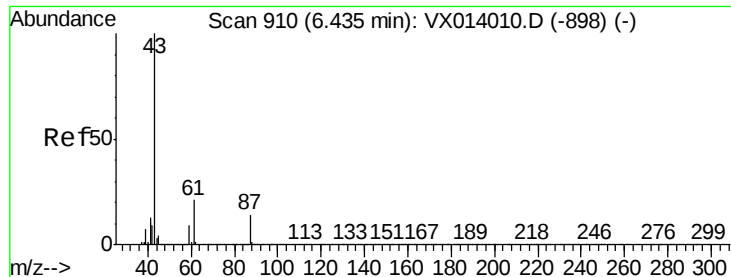
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#42
1,2-Dichloroethane
Concen: 19.571 ug/l
RT: 6.19 min Scan# 869
Delta R.T. 0.00 min
Lab File: VX014291.D
Acq: 27 Dec 2019 00:52

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.8	0.0	21.0





#43

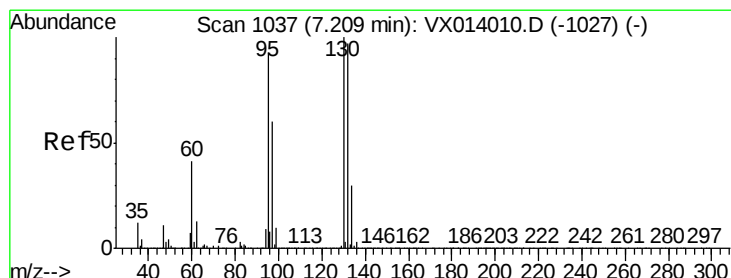
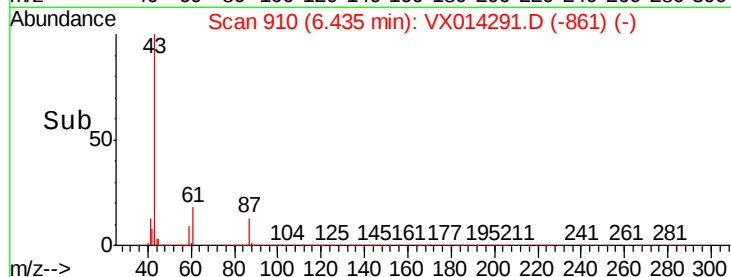
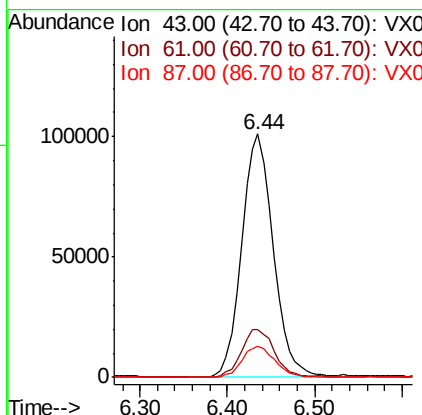
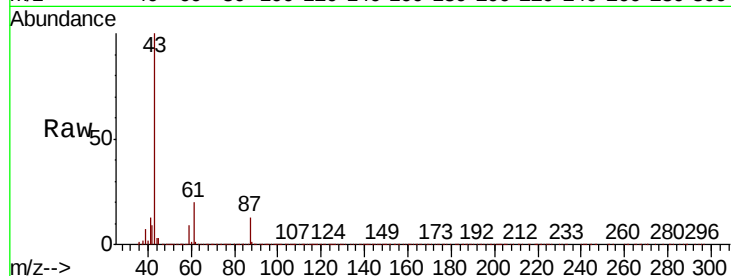
Isopropyl Acetate
 Concen: 19.977 ug/l
 RT: 6.44 min Scan# 910
 Delta R.T. 0.00 min
 Lab File: VX014291.D
 Acq: 27 Dec 2019 00:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1226WBSD02

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.2	16.4	24.6
87	13.1	10.7	16.1

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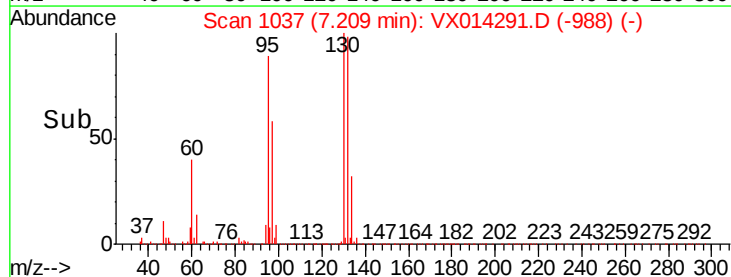
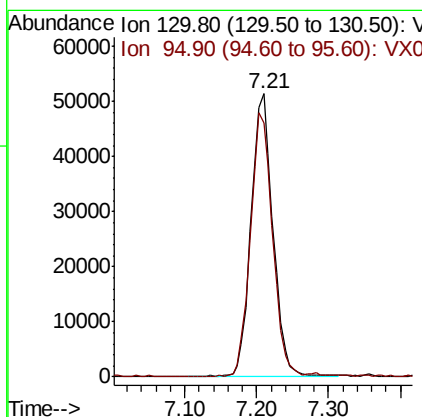
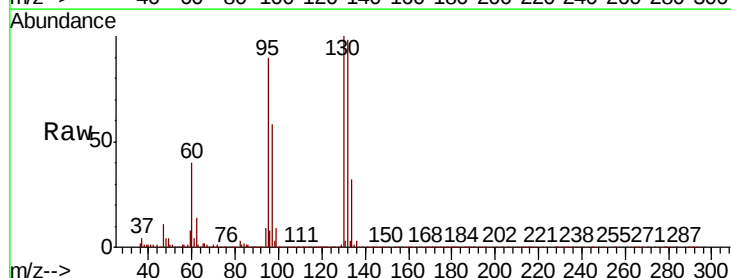
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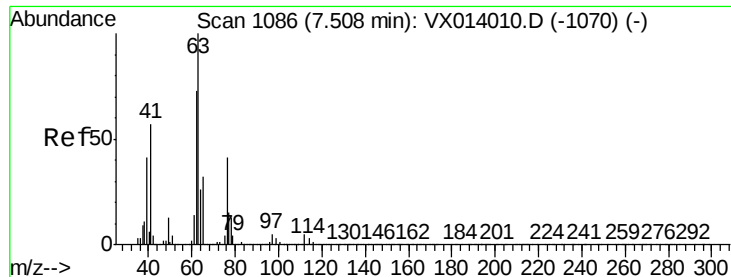


#44

Trichloroethene
 Concen: 18.640 ug/l
 RT: 7.21 min Scan# 1037
 Delta R.T. 0.00 min
 Lab File: VX014291.D
 Acq: 27 Dec 2019 00:52

Tgt Ion	Ratio	Lower	Upper
130	100		
95	89.4	0.0	185.6





#45

1,2-Dichloropropane

Concen: 20.068 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX014291.D

Acq: 27 Dec 2019 00:52

Instrument :

MSVOA_X

ClientSampleId :

VX1226WBSD02

Tot Ion: 63 Resp: 109296

Ion Ratio Lower Upper

63 100

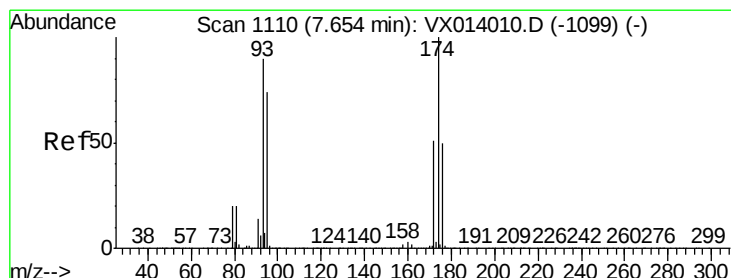
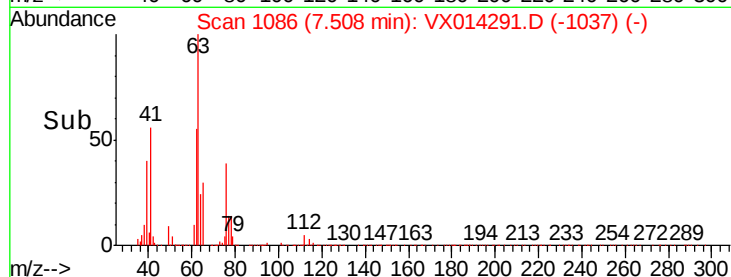
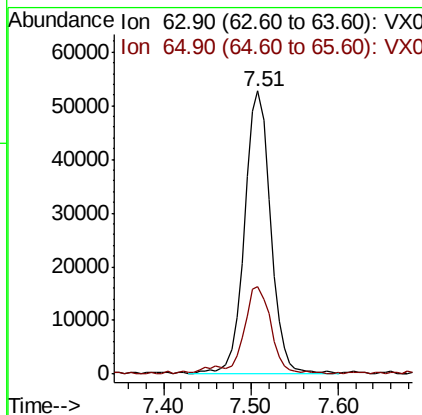
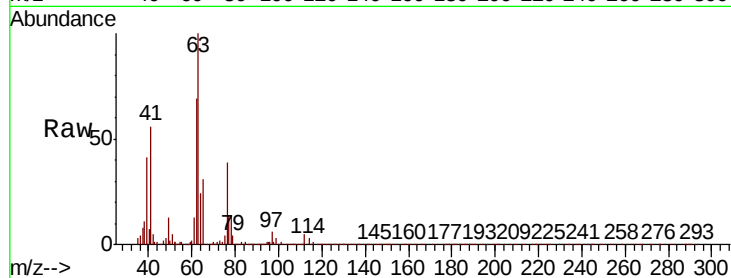
65 30.7 25.8 38.8

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#46

Dibromomethane

Concen: 18.797 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VX014291.D

Acq: 27 Dec 2019 00:52

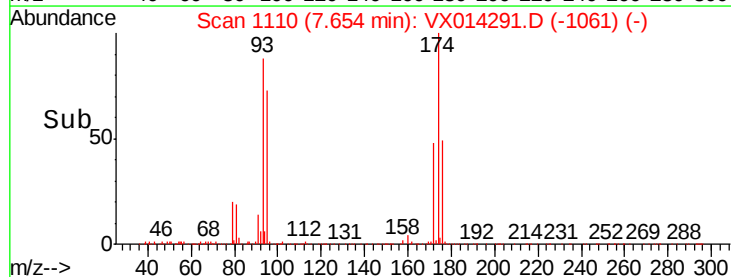
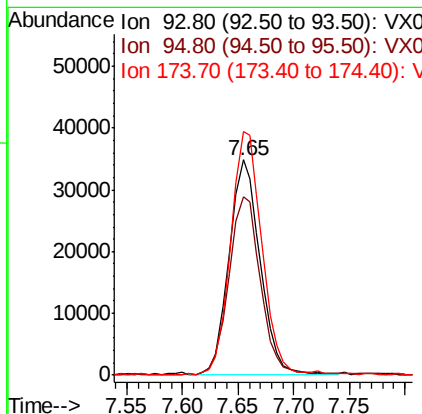
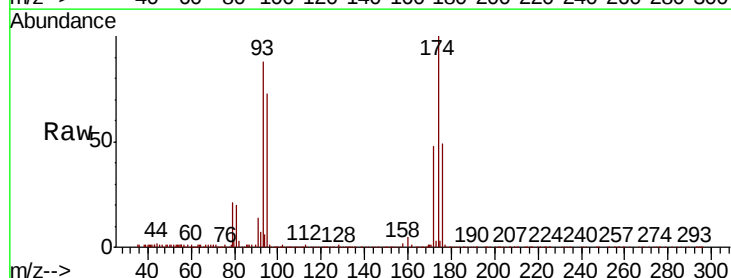
Tgt Ion: 93 Resp: 67683

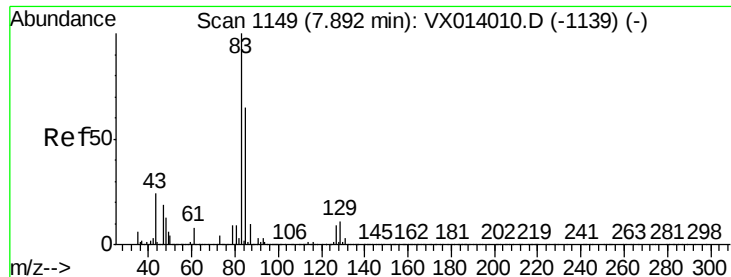
Ion Ratio Lower Upper

93 100

95 83.1 67.3 100.9

174 113.2 91.6 137.4





#47

Bromodichloromethane

Concen: 18.873 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX014291.D

Acq: 27 Dec 2019 00:52

Instrument :

MSVOA_X

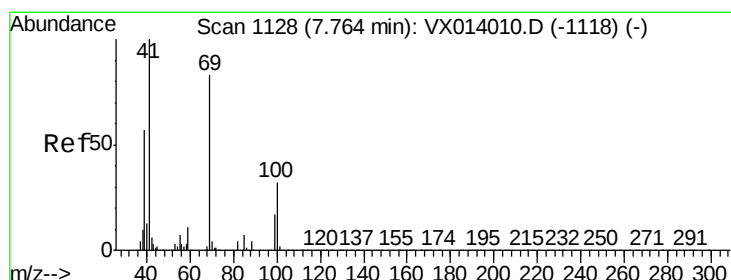
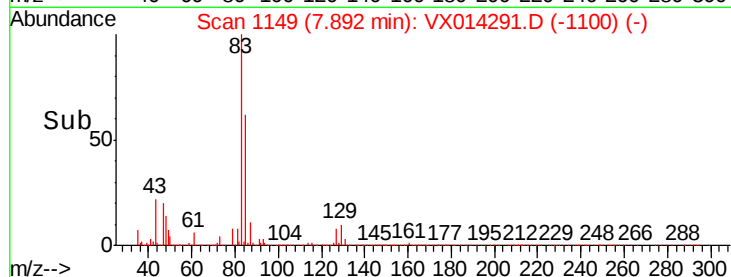
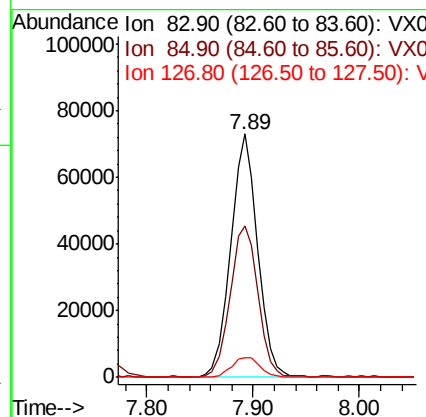
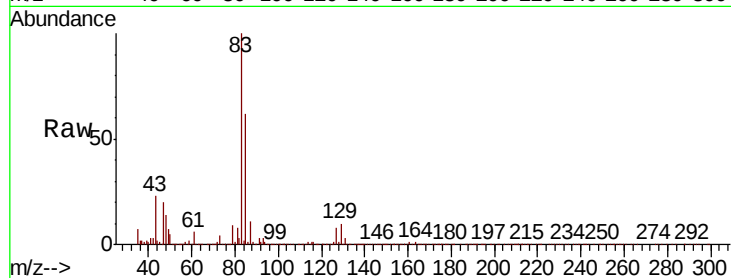
ClientSampleId :

VX1226WBSD02

Tot Ion:	83	Resp:	127988
Ion	Ratio	Lower	Upper
83	100		
85	62.1	51.8	77.8
127	8.1	7.0	10.4

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#48

Methyl methacrylate

Concen: 19.827 ug/l

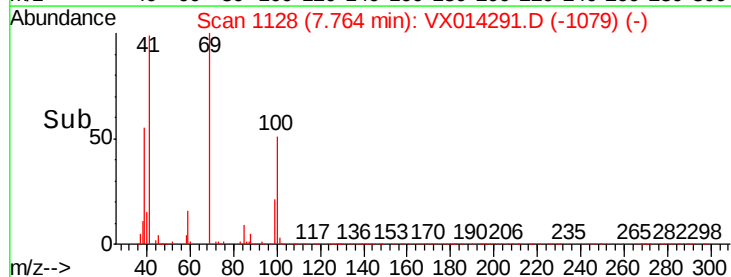
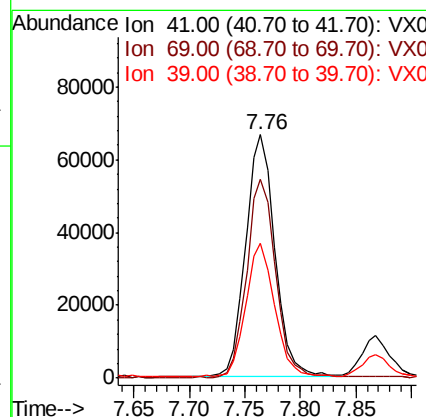
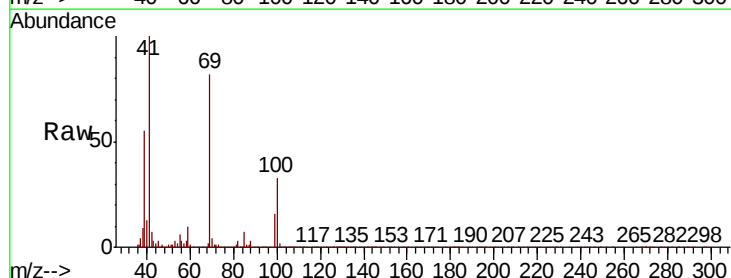
RT: 7.76 min Scan# 1128

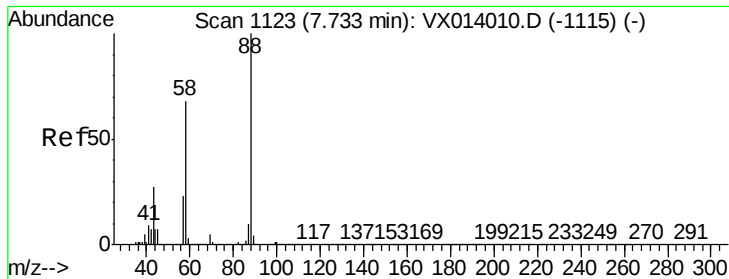
Delta R.T. 0.00 min

Lab File: VX014291.D

Acq: 27 Dec 2019 00:52

Tgt Ion:	41	Resp:	122529
Ion	Ratio	Lower	Upper
41	100		
69	81.3	65.8	98.6
39	54.1	44.6	67.0





#49

1,4-Dioxane

Concen: 412.361 ug/l

RT: 7.73 min Scan# 1123

Delta R.T. 0.00 min

Lab File: VX014291.D

Acq: 27 Dec 2019 00:52

Instrument :

MSVOA_X

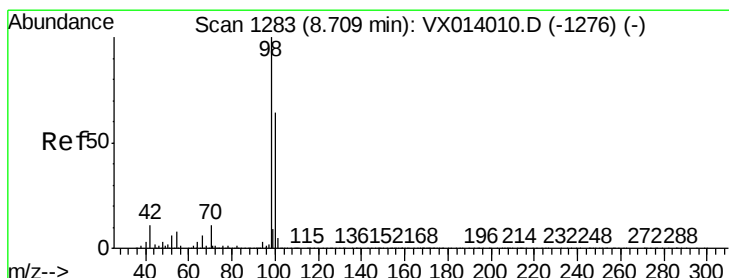
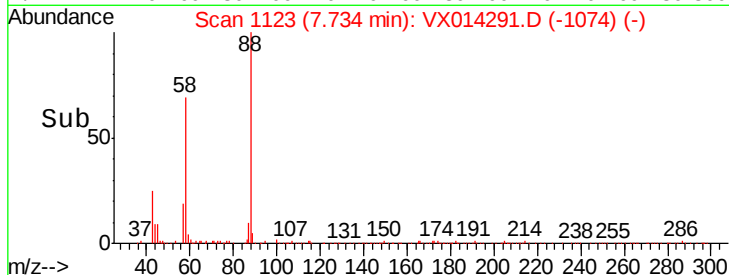
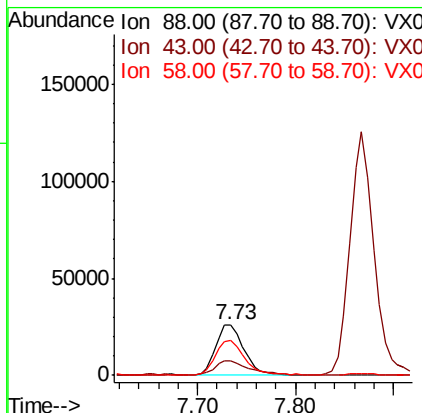
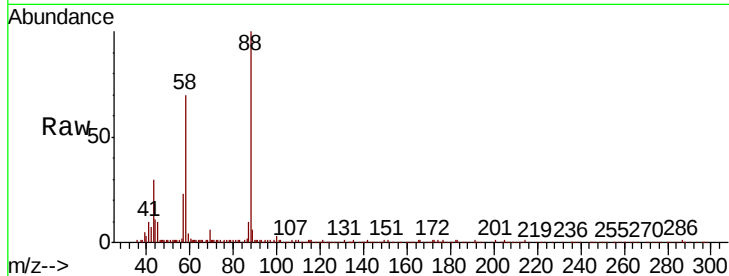
ClientSampleId :

VX1226WBSD02

Tot Ion:	88	Resp:	51861
Ion Ratio	Lower	Upper	
88	100		
43	33.1	26.5	39.7
58	70.3	56.8	85.2

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#50

Toluene-d8

Concen: 50.141 ug/l

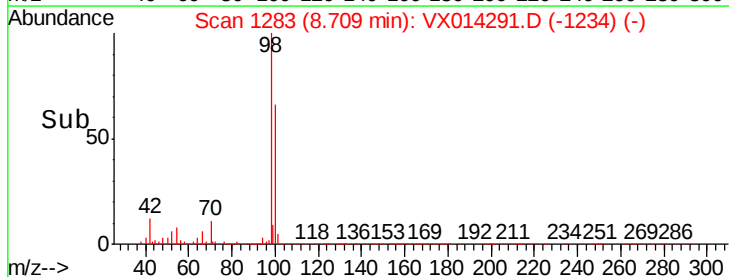
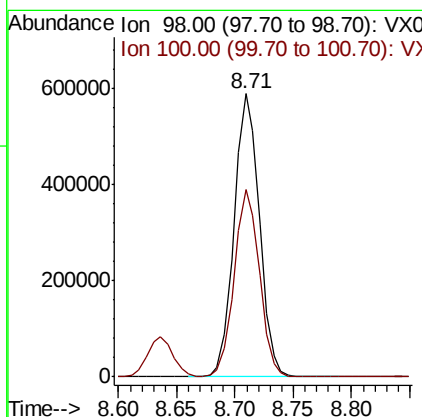
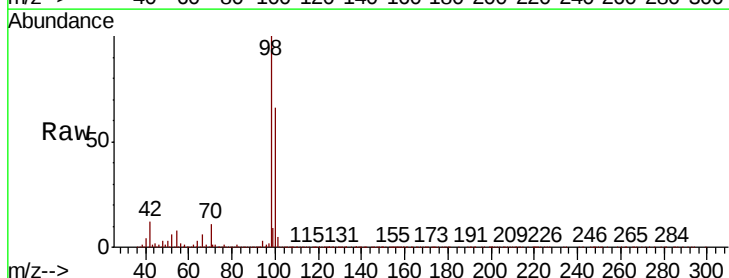
RT: 8.71 min Scan# 1283

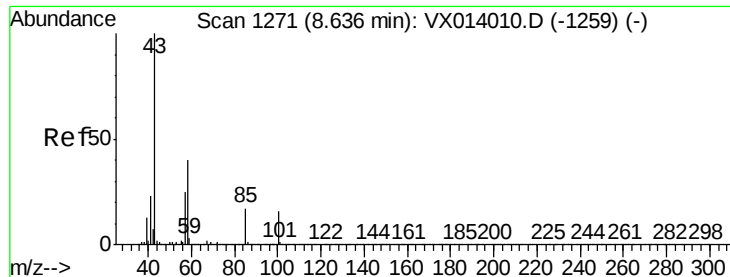
Delta R.T. 0.00 min

Lab File: VX014291.D

Acq: 27 Dec 2019 00:52

Tgt Ion:	98	Resp:	893135
Ion Ratio	Lower	Upper	
98	100		
100	66.0	52.9	79.3





#51

4-Methyl-2-Pentanone

Concen: 102.223 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VX014291.D

Acq: 27 Dec 2019 00:52

Instrument :

MSVOA_X

ClientSampleId :

VX1226WBSD02

Tot Ion: 43 Resp: 810232

Ion Ratio Lower Upper

43 100

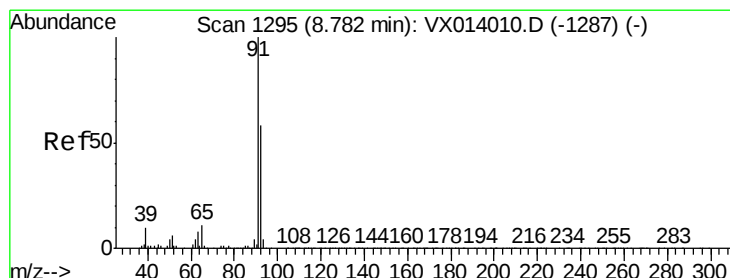
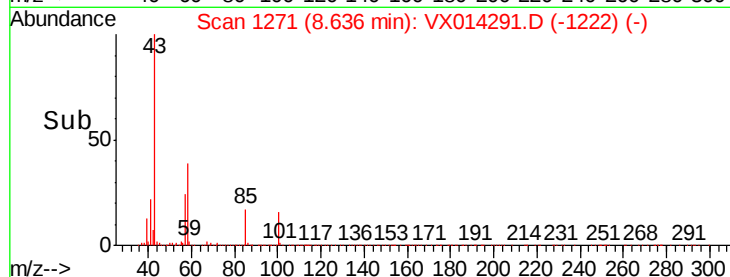
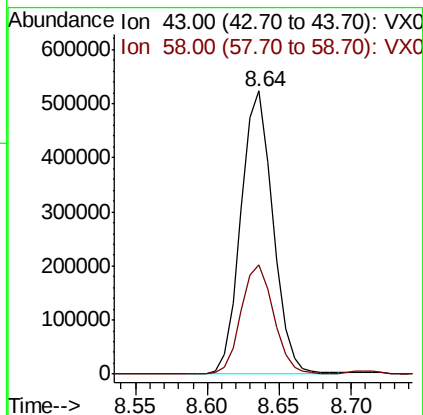
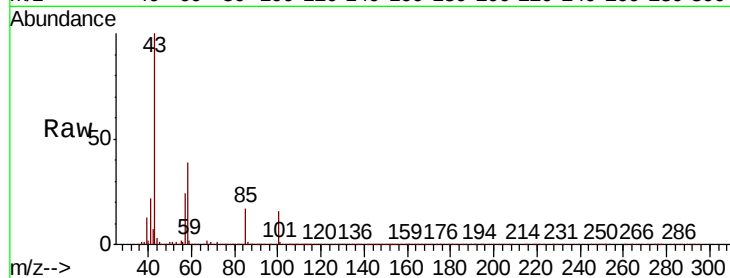
58 39.0 32.2 48.2

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#52

Toluene

Concen: 18.699 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX014291.D

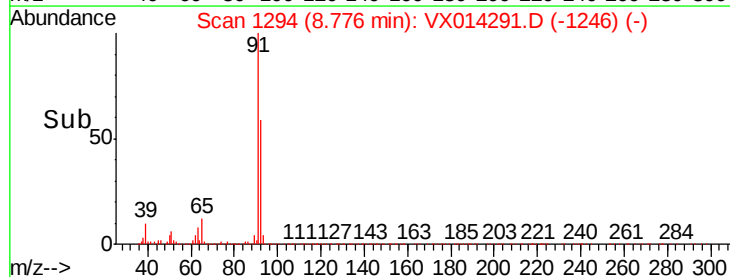
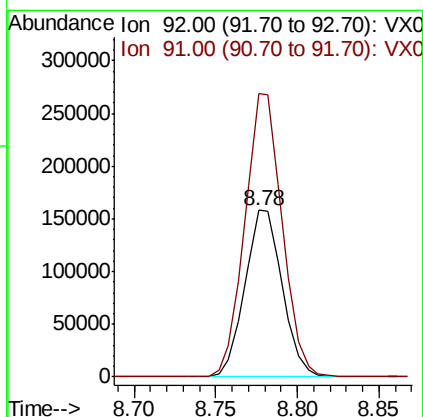
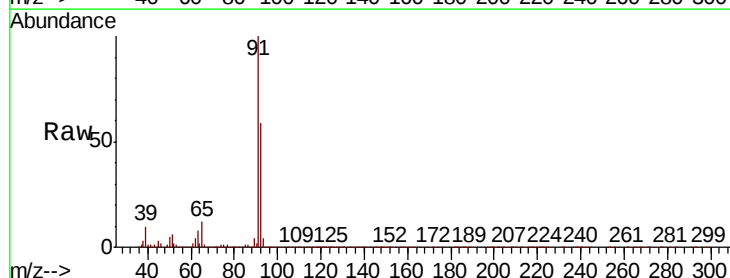
Acq: 27 Dec 2019 00:52

Tgt Ion: 92 Resp: 251135

Ion Ratio Lower Upper

92 100

91 171.4 136.2 204.4





#53

t-1,3-Dichloropropene

Concen: 18.005 ug/l

RT: 9.04 min Scan# 1337

Delta R.T. 0.00 min

Lab File: VX014291.D

Acq: 27 Dec 2019 00:52

Instrument :

MSVOA_X

ClientSampleId :

VX1226WBSD02

Tot Ion: 75 Resp: 133888

Ion Ratio Lower Upper

75 100

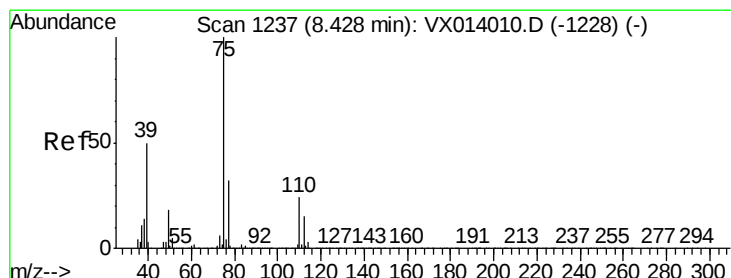
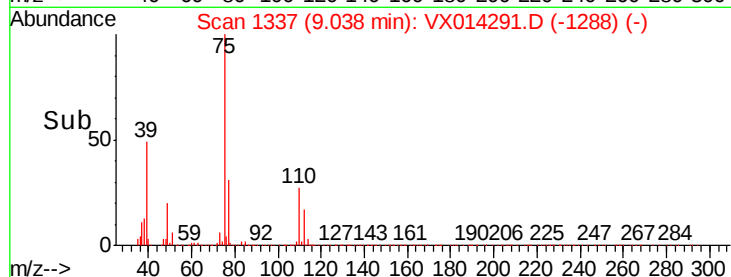
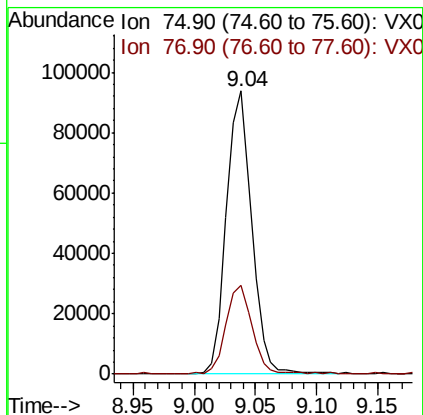
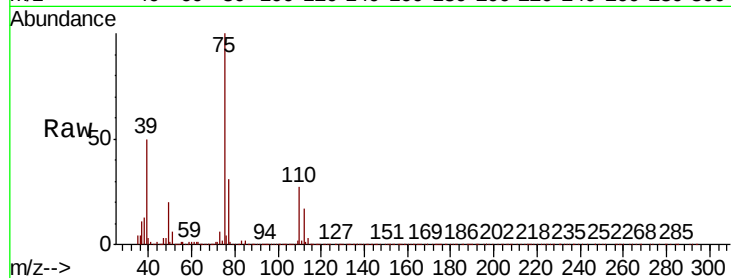
77 31.2 25.1 37.7

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#54

cis-1,3-Dichloropropene

Concen: 18.438 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. 0.00 min

Lab File: VX014291.D

Acq: 27 Dec 2019 00:52

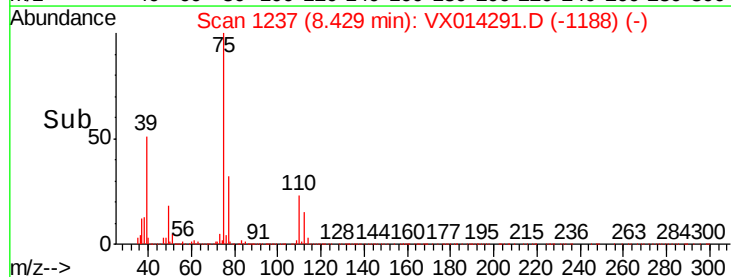
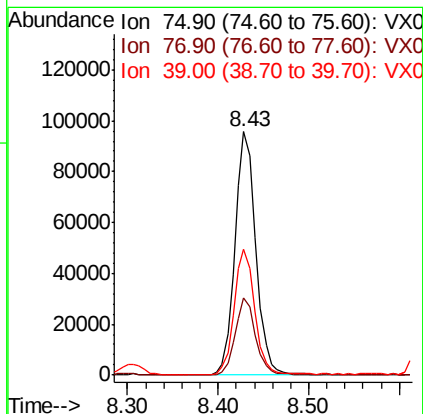
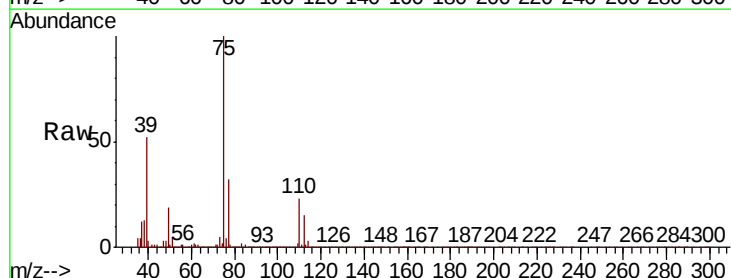
Tgt Ion: 75 Resp: 152742

Ion Ratio Lower Upper

75 100

77 31.8 25.3 37.9

39 51.2 39.9 59.9





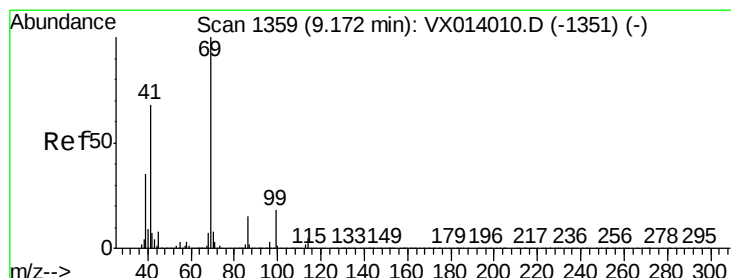
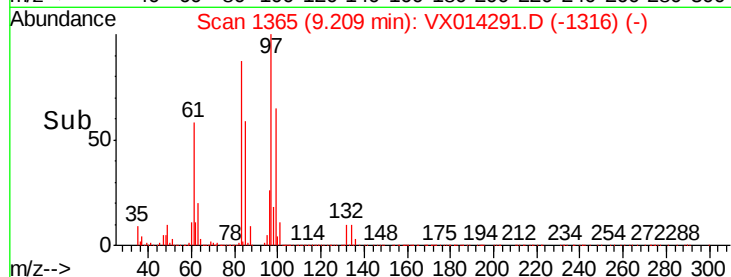
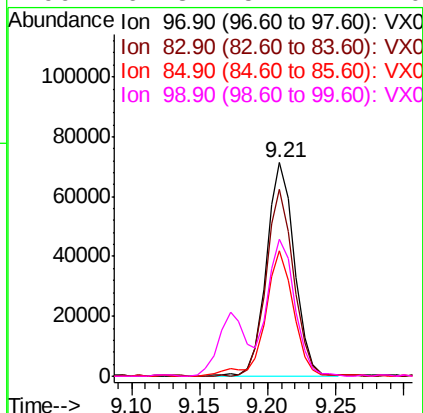
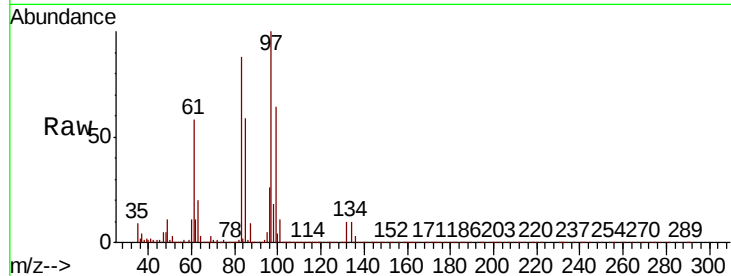
#55
 1,1,2-Trichloroethane
 Concen: 19.147 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX014291.D
 Acq: 27 Dec 2019 00:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1226WBSD02

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		103067		
83	87.5	68.2	102.4		
85	58.4	44.6	66.8		
99	64.3	51.4	77.0		

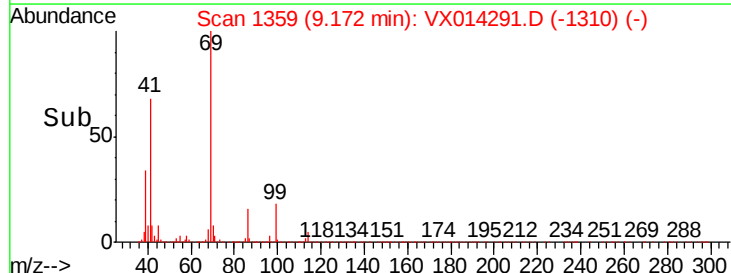
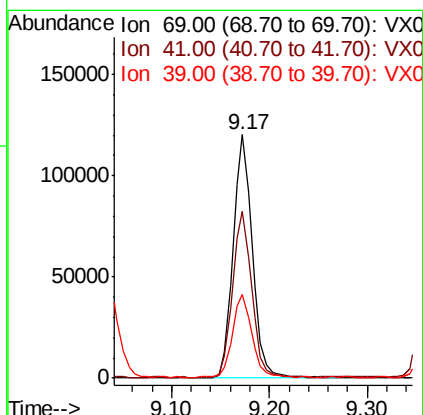
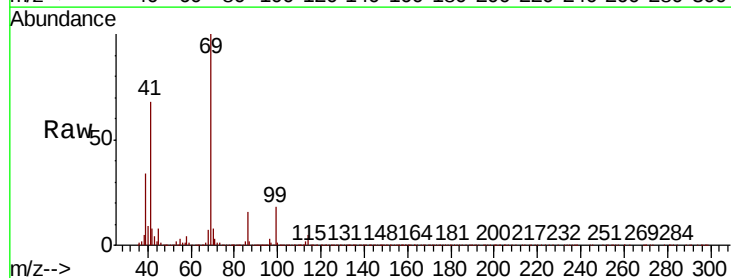
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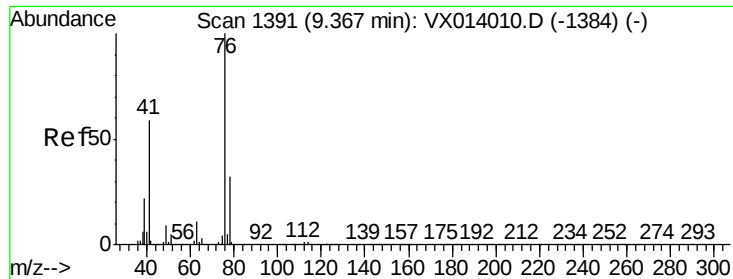
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#56
 Ethyl methacrylate
 Concen: 19.225 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX014291.D
 Acq: 27 Dec 2019 00:52

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		162557		
41	69.1	54.8	82.2		
39	34.7	28.3	42.5		





#57

1,3-Dichloropropane

Concen: 19.649 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX014291.D

Acq: 27 Dec 2019 00:52

Instrument :

MSVOA_X

ClientSampleId :

VX1226WBSD02

Tot Ion: 76 Resp: 177951

Ion Ratio Lower Upper

76 100

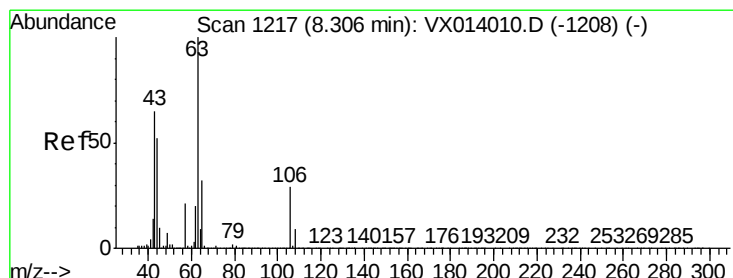
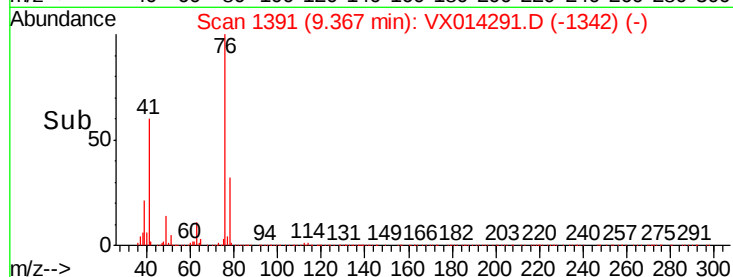
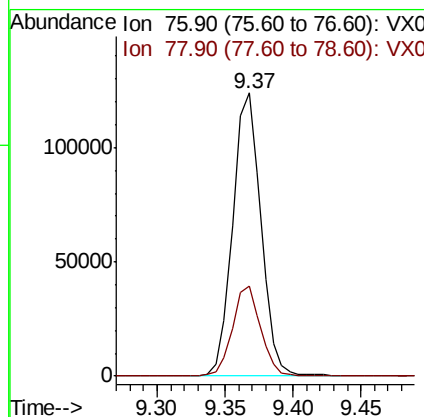
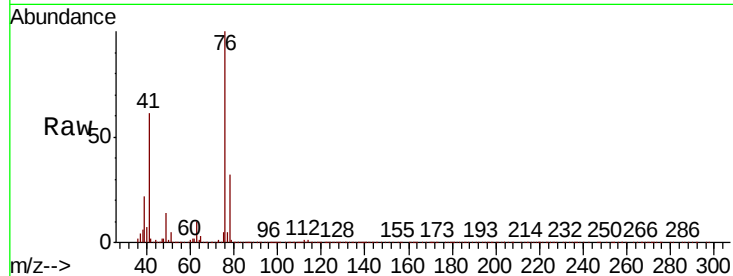
78 32.0 25.8 38.6

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#58

2-Chloroethyl Vinyl ether

Concen: 100.691 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. 0.00 min

Lab File: VX014291.D

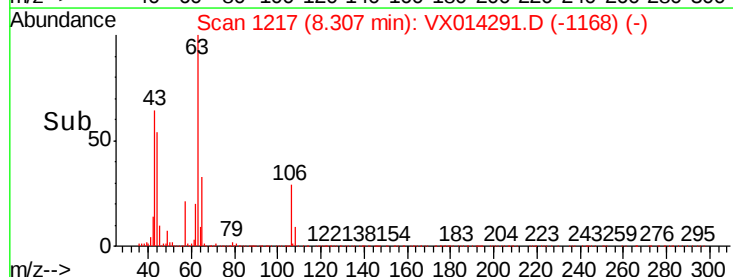
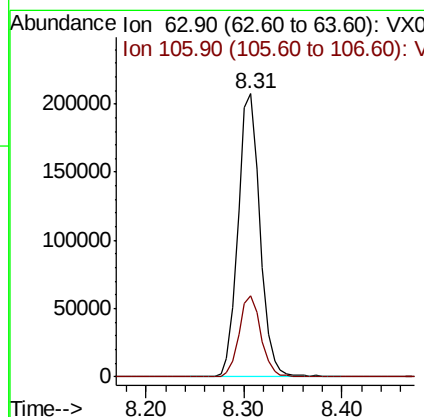
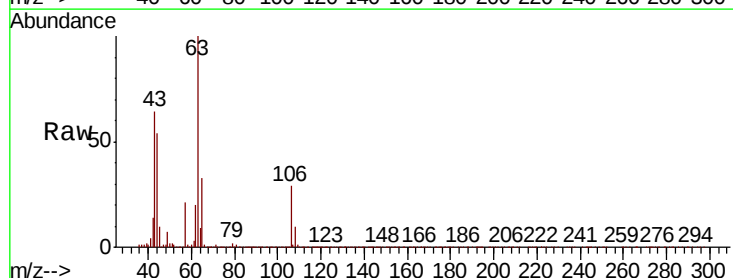
Acq: 27 Dec 2019 00:52

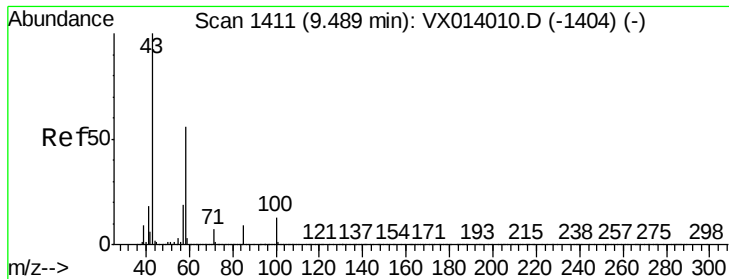
Tgt Ion: 63 Resp: 322201

Ion Ratio Lower Upper

63 100

106 28.5 23.0 34.6





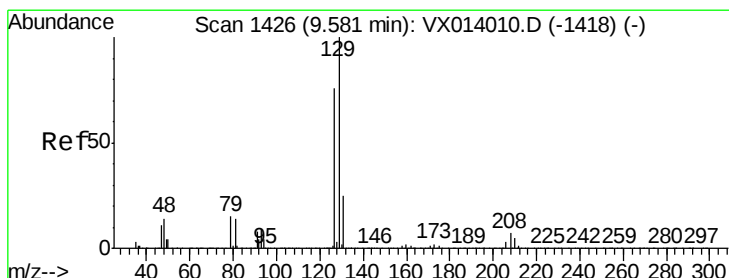
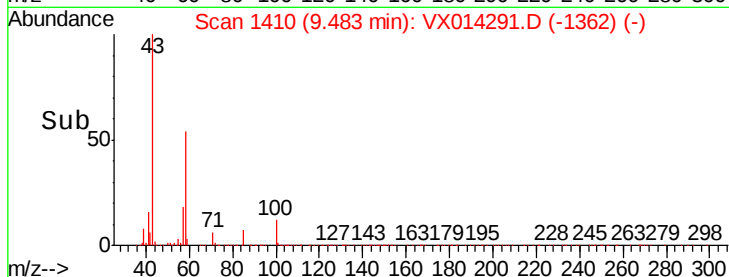
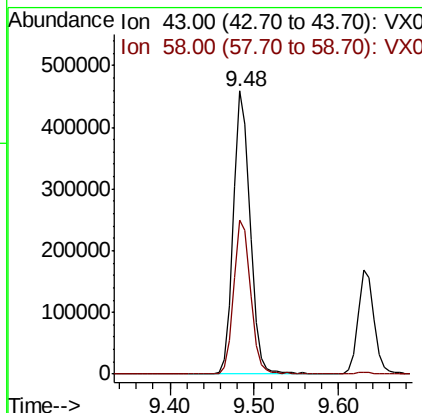
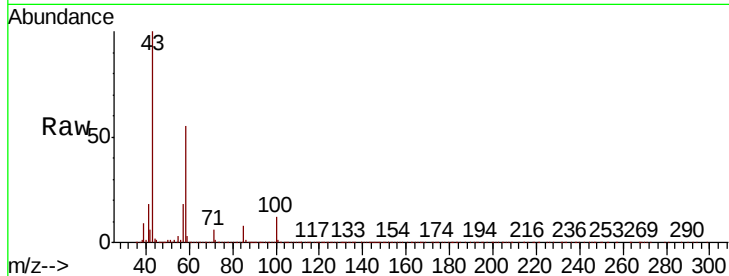
#59
2-Hexanone
Concen: 95.726 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VX014291.D
Acq: 27 Dec 2019 00:52

Instrument :
MSVOA_X
ClientSampleId :
VX1226WBSD02

Tot Ion: 43 Resp: 610780
Ion Ratio Lower Upper
43 100
58 54.7 28.0 84.0

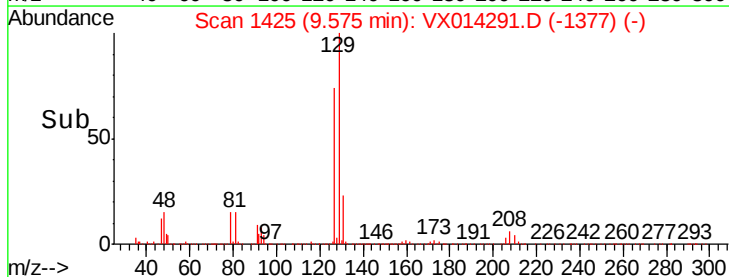
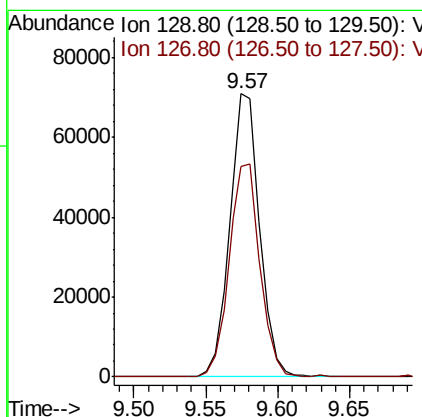
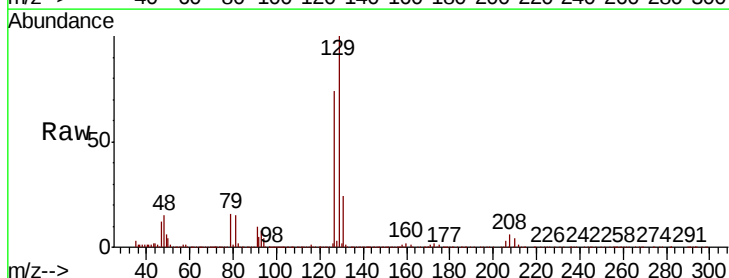
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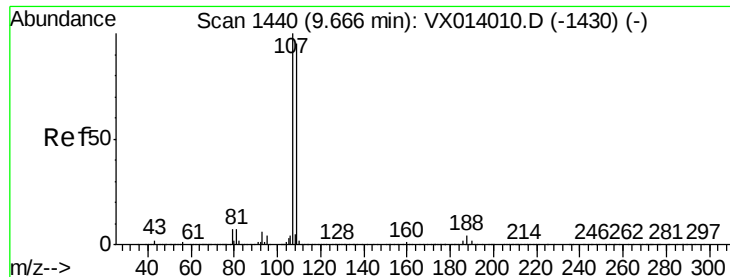
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#60
Dibromochloromethane
Concen: 19.146 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX014291.D
Acq: 27 Dec 2019 00:52

Tgt Ion: 129 Resp: 102442
Ion Ratio Lower Upper
129 100
127 77.3 38.4 115.2





#61

1,2-Dibromoethane

Concen: 19.471 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX014291.D

Acq: 27 Dec 2019 00:52

Instrument :

MSVOA_X

ClientSampleId :

VX1226WBSD02

Tot Ion: 107 Resp: 107236

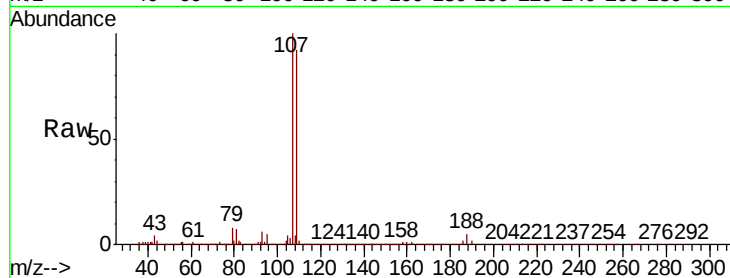
Ion Ratio Lower Upper

107 100

109 92.7 75.7 113.5

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

80000

60000

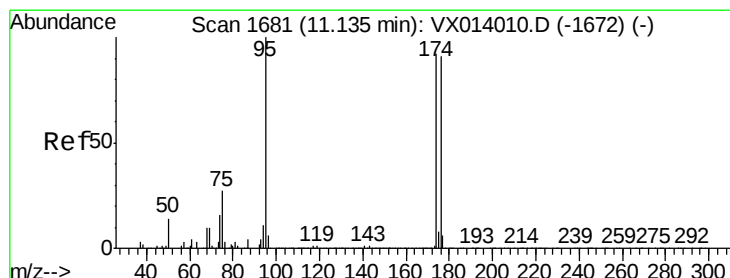
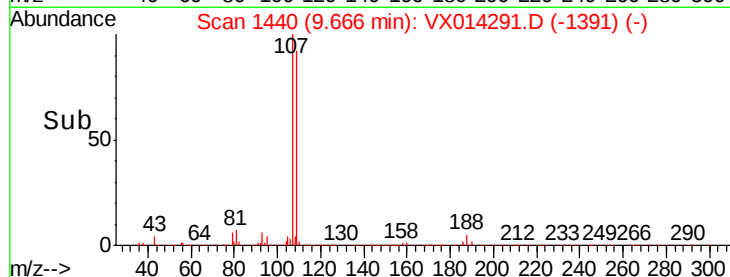
40000

20000

0

9.60 9.65 9.70 9.75

Time-->



#62

4-Bromofluorobenzene

Concen: 46.976 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX014291.D

Acq: 27 Dec 2019 00:52

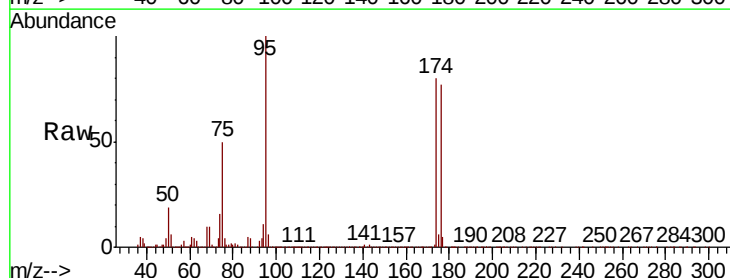
Tgt Ion: 95 Resp: 305873

Ion Ratio Lower Upper

95 100

174 89.6 0.0 175.8

176 87.0 0.0 173.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

300000

250000

200000

150000

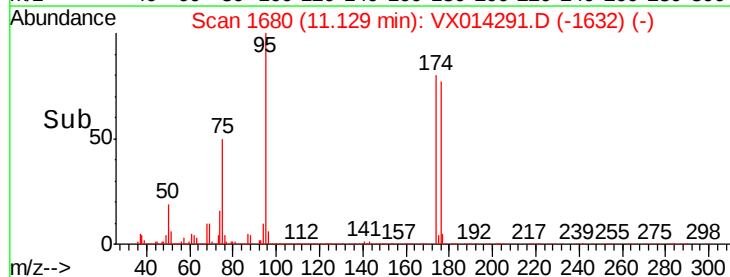
100000

50000

0

11.10 11.20

Time-->





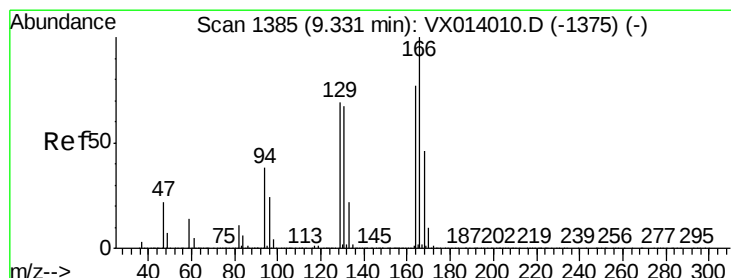
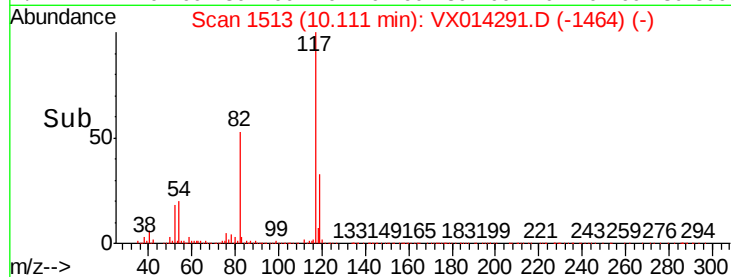
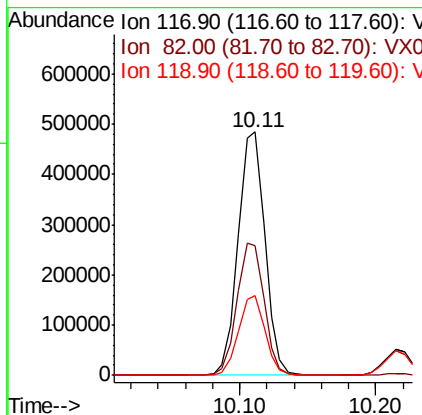
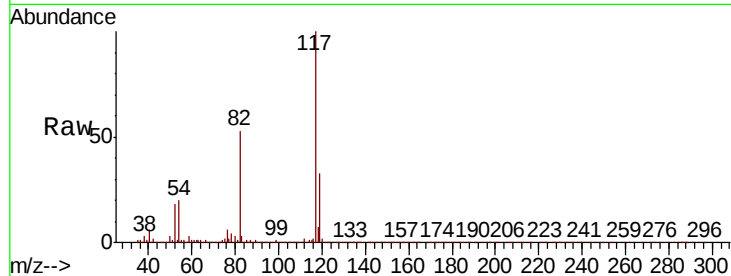
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX014291.D
Acq: 27 Dec 2019 00:52

Instrument :
MSVOA_X
ClientSampleId :
VX1226WBSD02

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.3	42.2	63.4
119	32.9	25.1	37.7

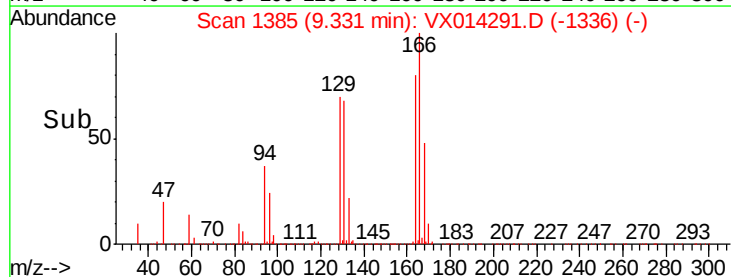
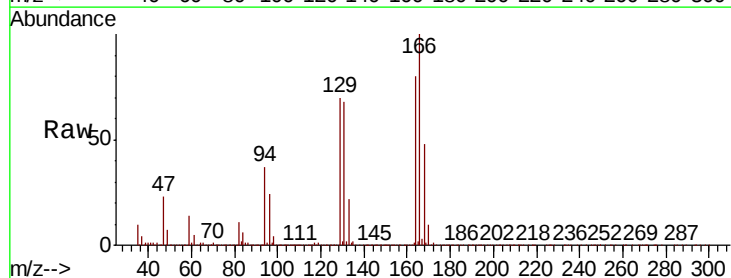
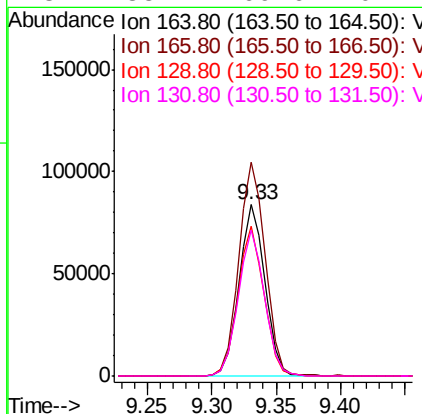
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#64
Tetrachloroethene
Concen: 19.572 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX014291.D
Acq: 27 Dec 2019 00:52

Tgt Ion	Ratio	Lower	Upper
164	100		
166	125.0	104.0	156.0
129	87.3	72.2	108.4
131	85.4	69.6	104.4





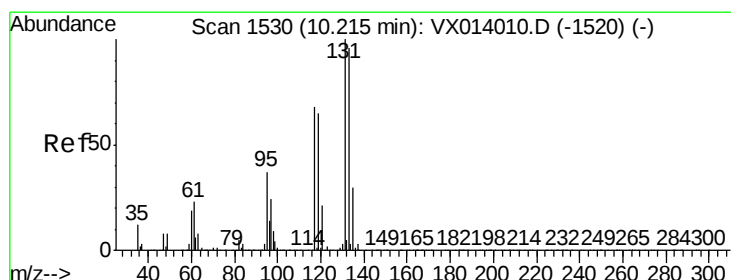
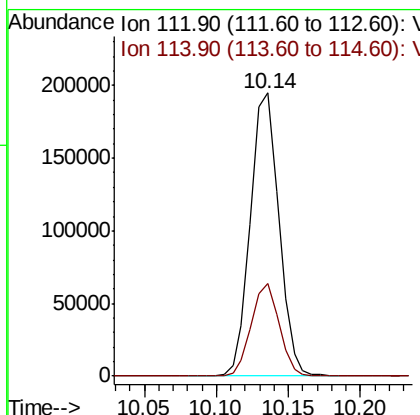
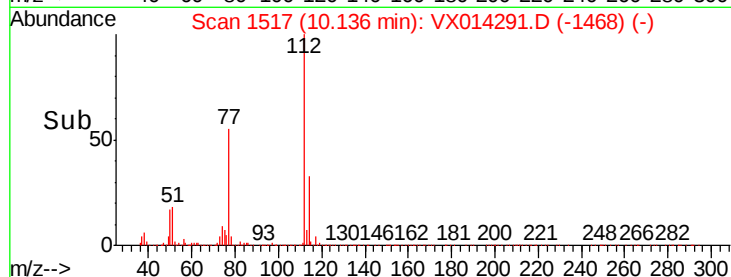
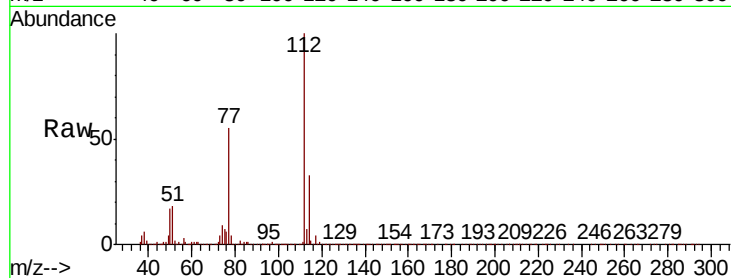
#65
Chlorobenzene
Concen: 18.822 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VX014291.D
Acq: 27 Dec 2019 00:52

Instrument :
MSVOA_X
ClientSampleId :
VX1226WBSD02

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.6	24.9	37.3

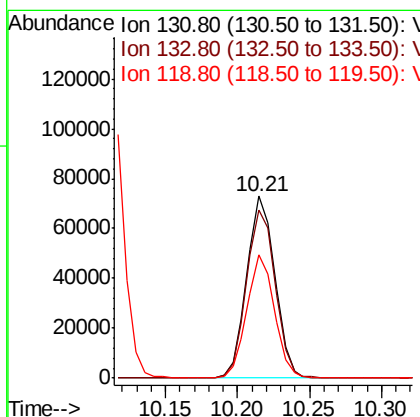
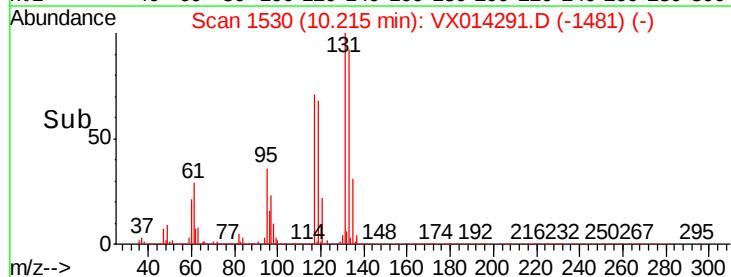
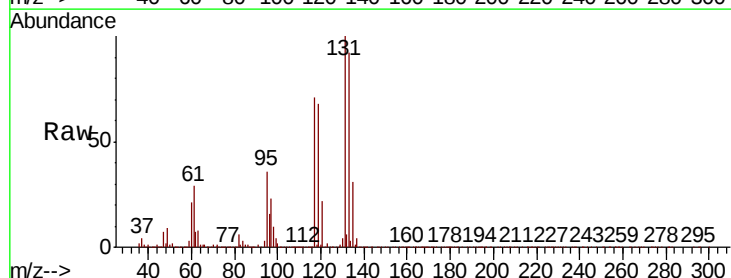
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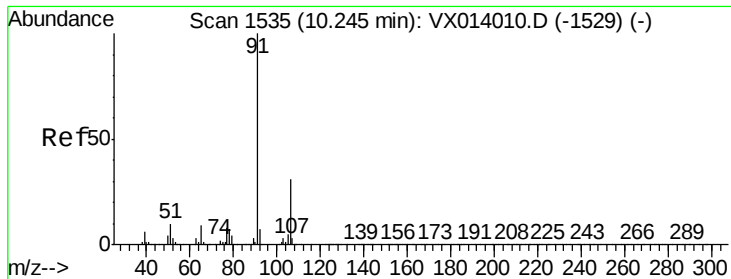
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#66
1,1,1,2-Tetrachloroethane
Concen: 19.466 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. 0.00 min
Lab File: VX014291.D
Acq: 27 Dec 2019 00:52

Tgt Ion	Ratio	Lower	Upper
131	100		
133	94.9	48.0	144.0
119	66.3	33.4	100.2





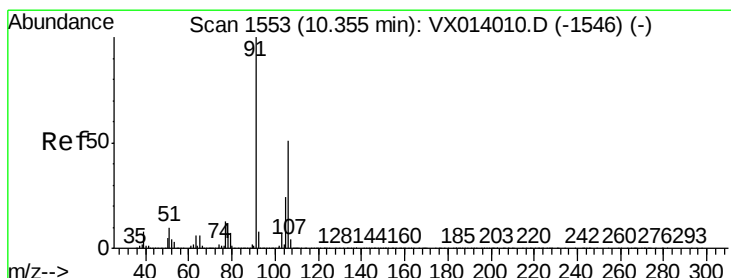
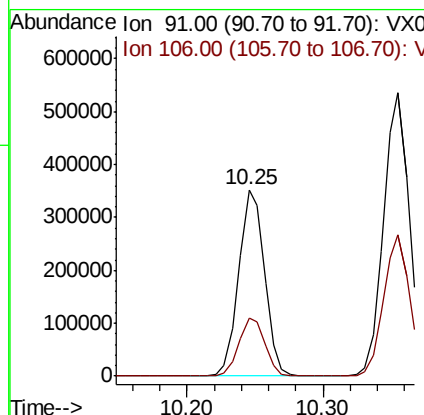
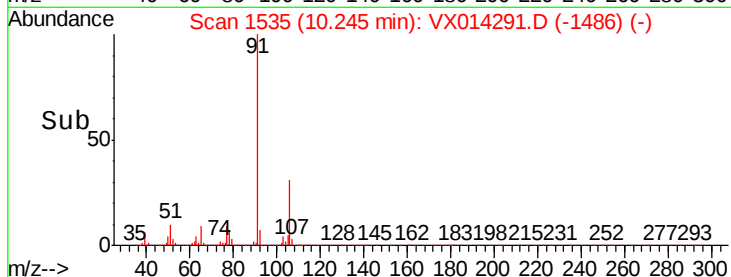
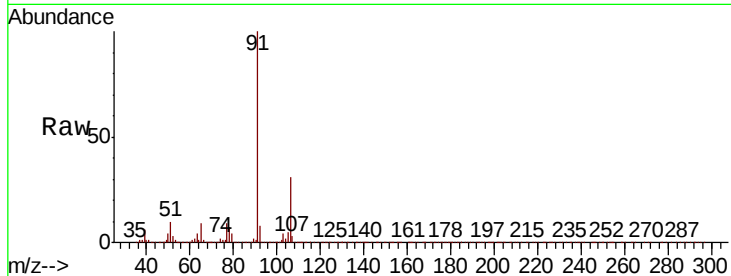
#67
Ethyl Benzene
Concen: 19.126 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX014291.D
Acq: 27 Dec 2019 00:52

Instrument :
MSVOA_X
ClientSampleId :
VX1226WBSD02

Tot Ion: 91 Resp: 465684
Ion Ratio Lower Upper
91 100
106 31.4 25.0 37.6

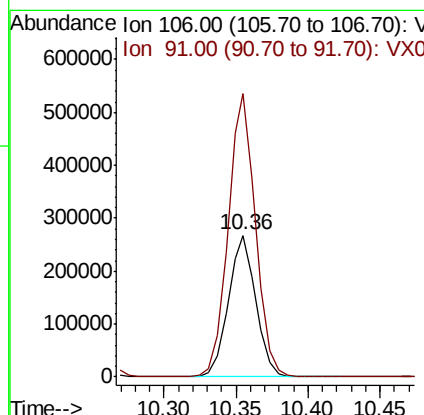
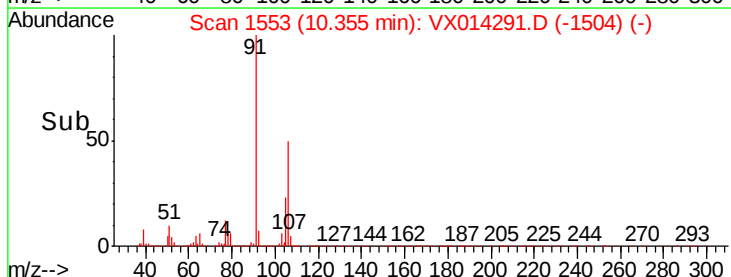
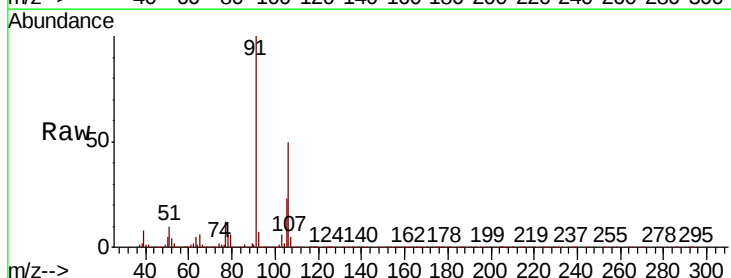
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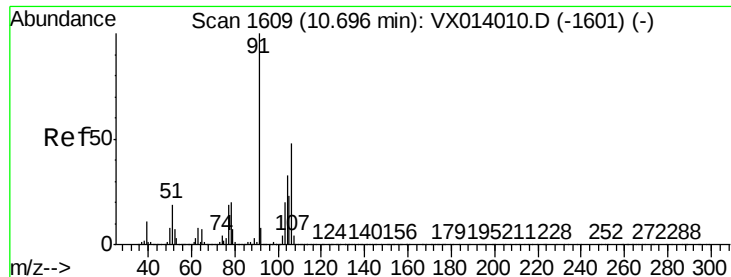
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#68
m/p-Xylenes
Concen: 37.974 ug/l
RT: 10.36 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX014291.D
Acq: 27 Dec 2019 00:52

Tgt Ion: 106 Resp: 355617
Ion Ratio Lower Upper
106 100
91 199.8 158.6 238.0





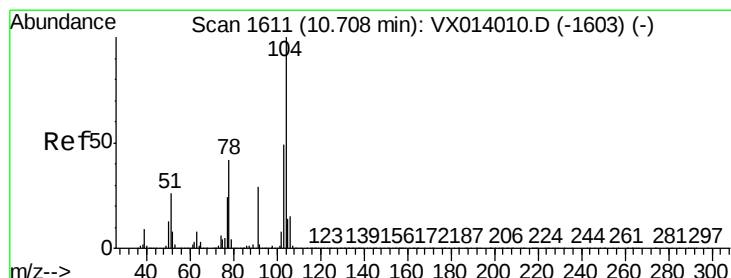
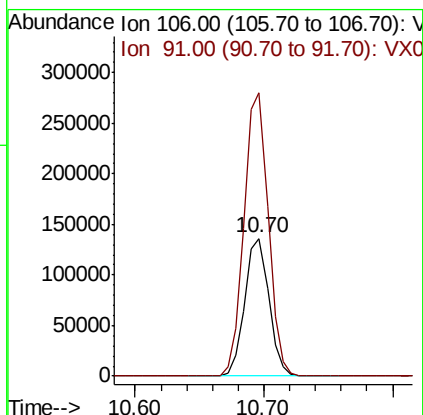
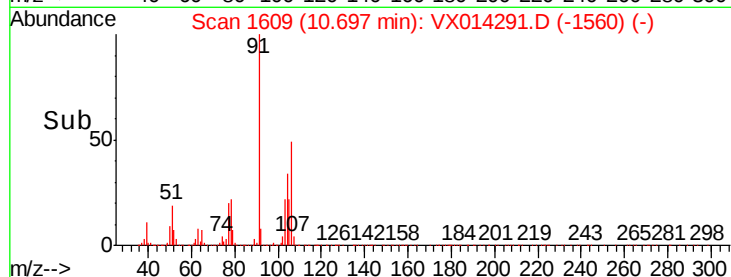
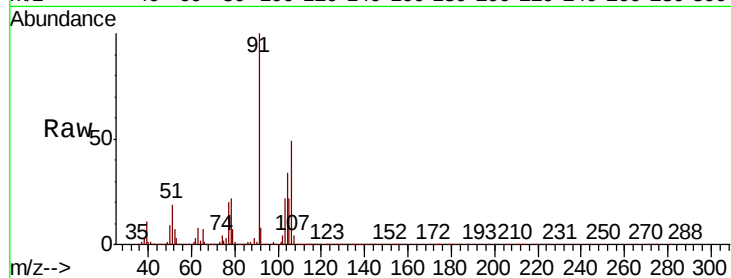
#69
o-Xylene
Concen: 19.165 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX014291.D
Acq: 27 Dec 2019 00:52

Instrument :
MSVOA_X
ClientSampleId :
VX1226WBSD02

Tot Ion:106 Resp: 176020
Ion Ratio Lower Upper
106 100
91 206.0 104.2 312.6

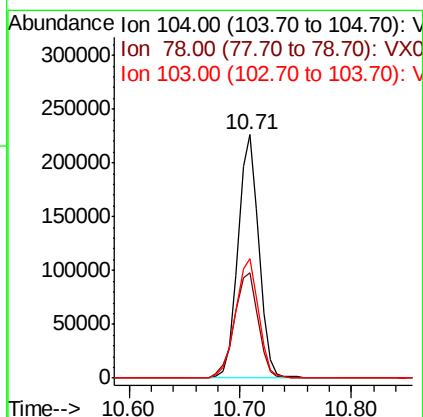
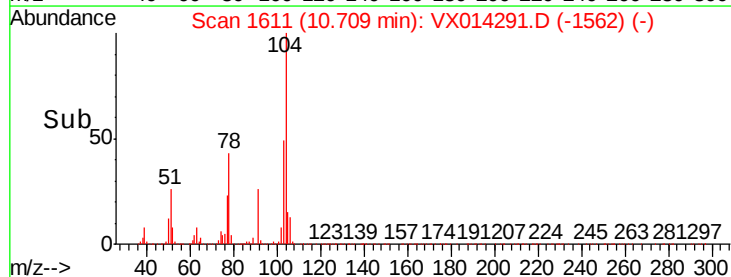
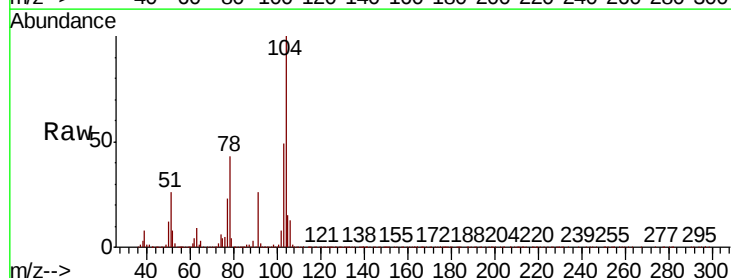
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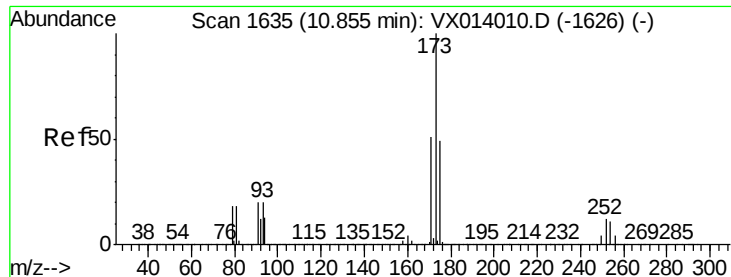
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#70
Styrene
Concen: 18.820 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX014291.D
Acq: 27 Dec 2019 00:52

Tgt Ion:104 Resp: 292293
Ion Ratio Lower Upper
104 100
78 49.7 38.5 57.7
103 54.8 42.9 64.3





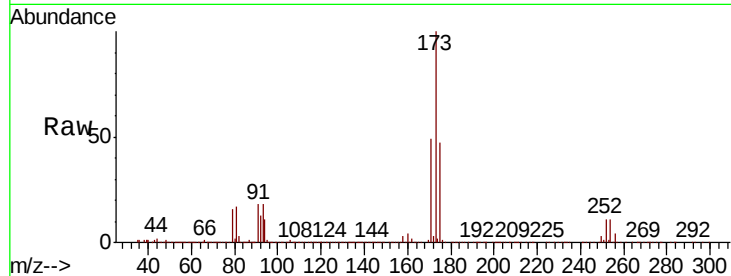
#71
Bromoform
Concen: 18.525 ug/l
RT: 10.86 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VX014291.D
Acq: 27 Dec 2019 00:52

Instrument :
MSVOA_X
ClientSampleId :
VX1226WBSD02

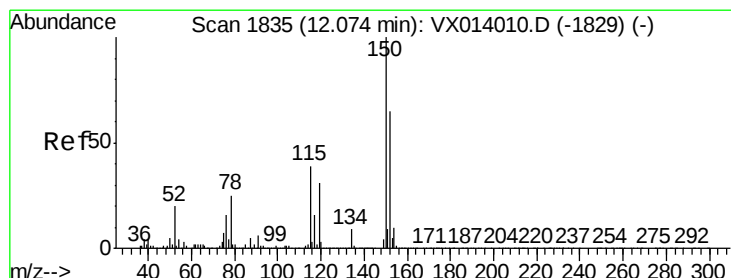
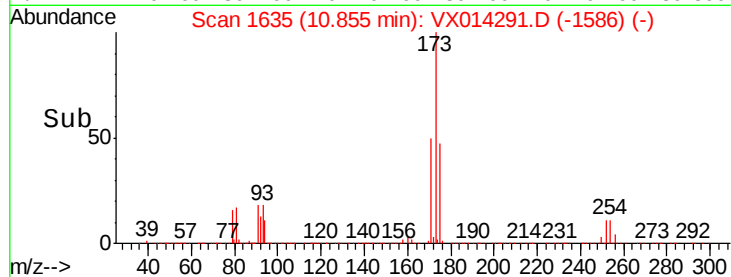
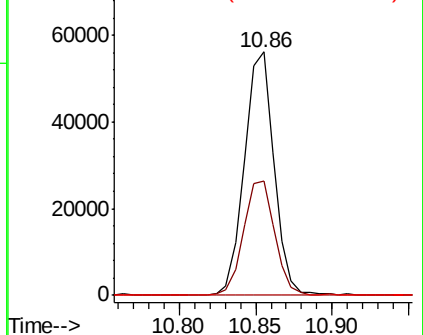
Tot Ion	Ratio	Lower	Upper
173	100		
175	49.1	24.4	73.4
254	0.2	0.2	0.2

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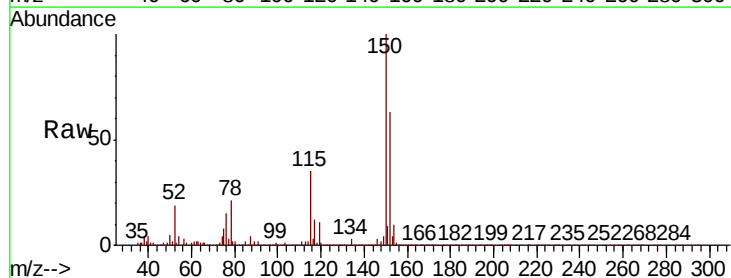


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

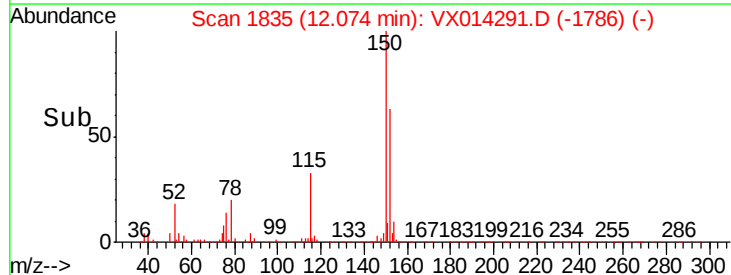
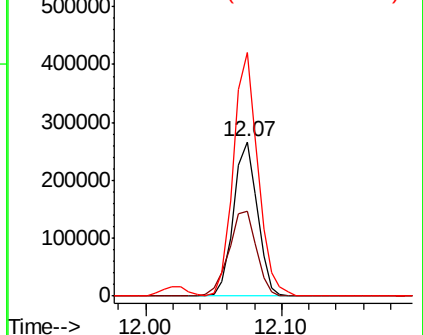


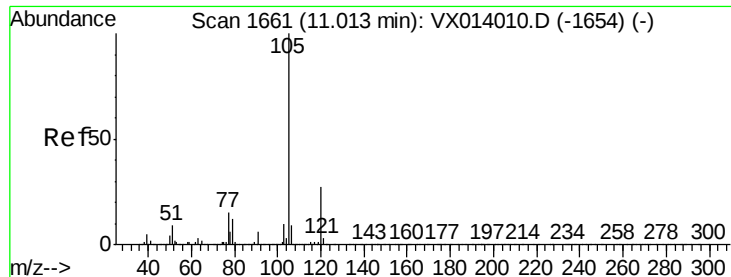
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX014291.D
Acq: 27 Dec 2019 00:52

Tgt Ion	Ratio	Lower	Upper
152	100		
115	63.5	38.3	114.9
150	162.9	0.0	345.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.063 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX014291.D

Acq: 27 Dec 2019 00:52

Instrument :

MSVOA_X

ClientSampleId :

VX1226WBSD02

Tot Ion: 105 Resp: 459302

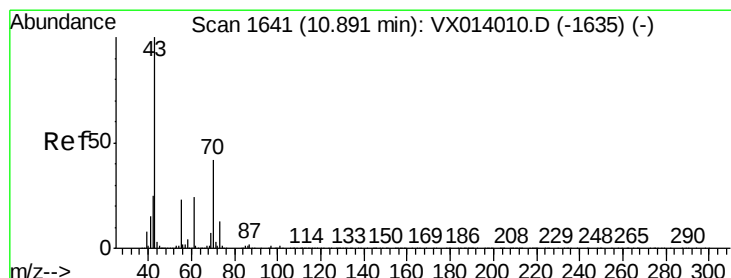
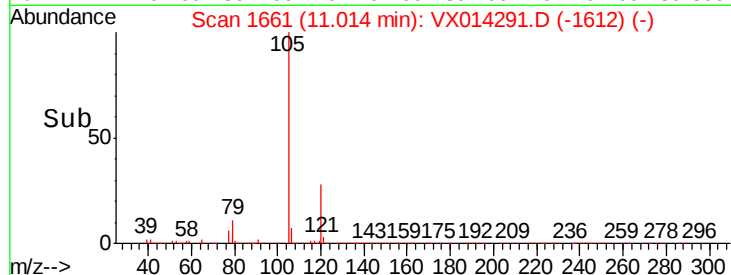
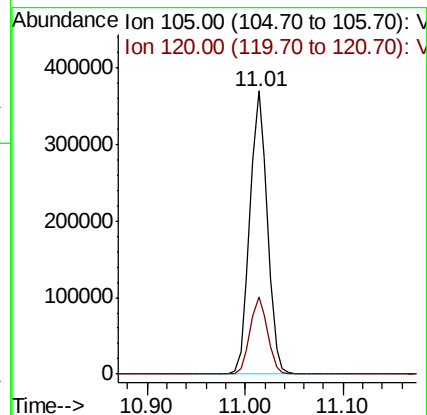
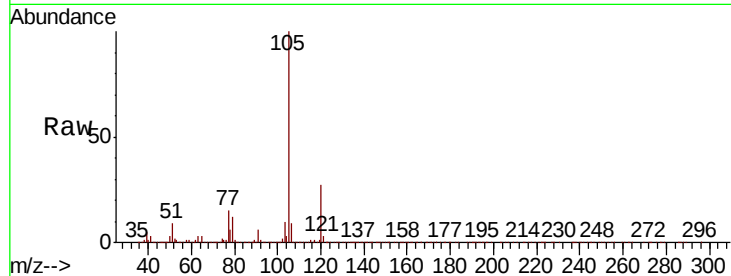
Ion Ratio Lower Upper

105 100

120 27.2 13.5 40.4

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#74

N-ethyl acetate

Concen: 19.229 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX014291.D

Acq: 27 Dec 2019 00:52

Tgt Ion: 43 Resp: 206344

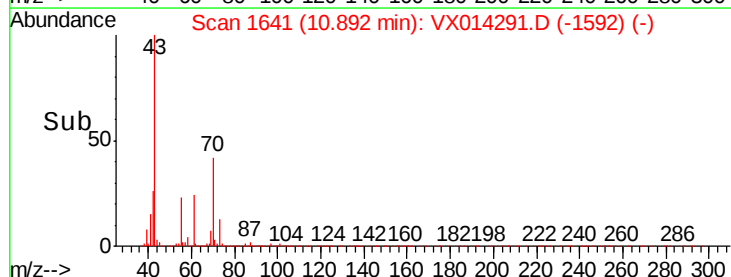
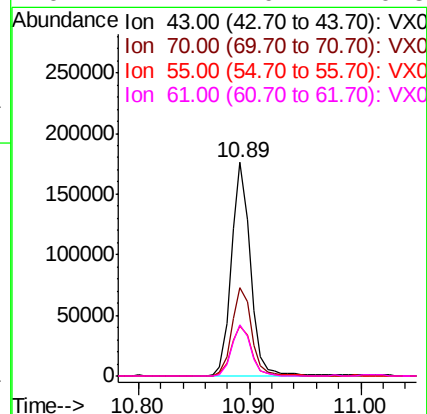
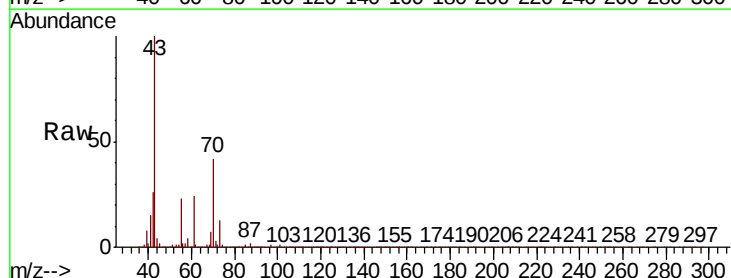
Ion Ratio Lower Upper

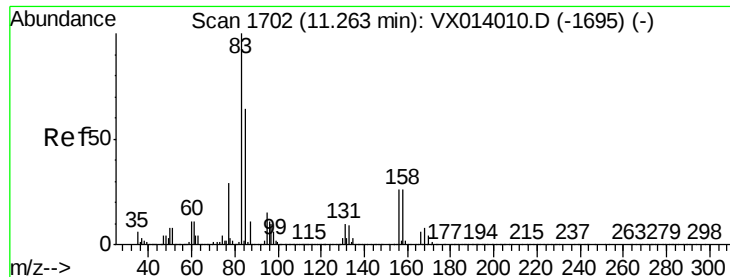
43 100

70 43.0 34.4 51.6

55 24.7 19.1 28.7

61 24.1 19.7 29.5





#75

1,1,2,2-Tetrachloroethane

Concen: 20.107 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX014291.D

Acq: 27 Dec 2019 00:52

Instrument :

MSVOA_X

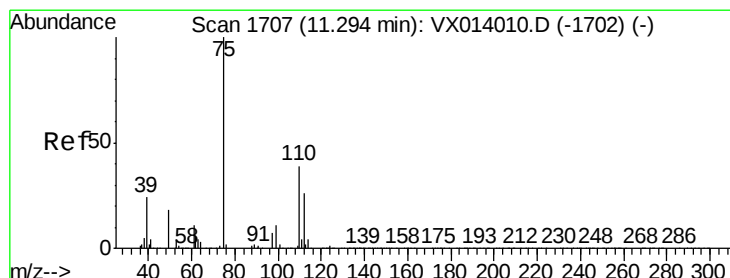
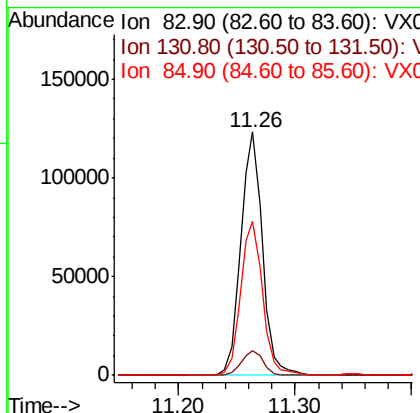
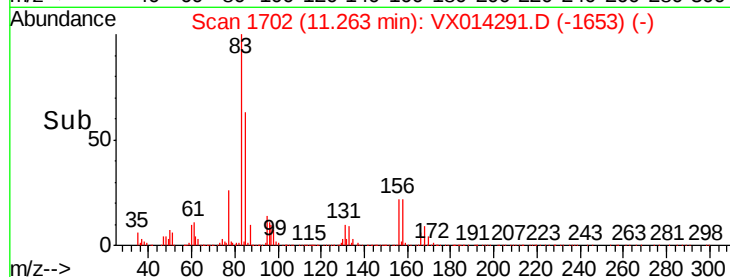
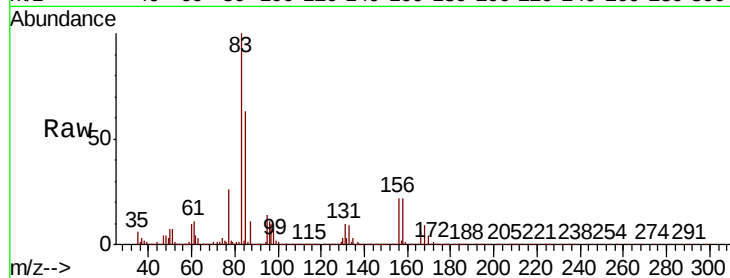
ClientSampleId :

VX1226WBSD02

Tot Ion:	83	Resp:	159586
Ion Ratio	Lower	Upper	
83	100		
131	10.1	5.1	15.2
85	63.9	31.9	95.7

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#76

1,2,3-Trichloropropane

Concen: 21.237 ug/l m

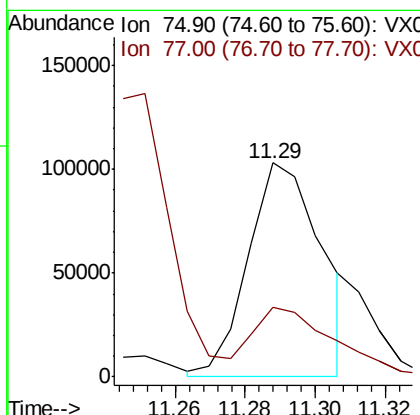
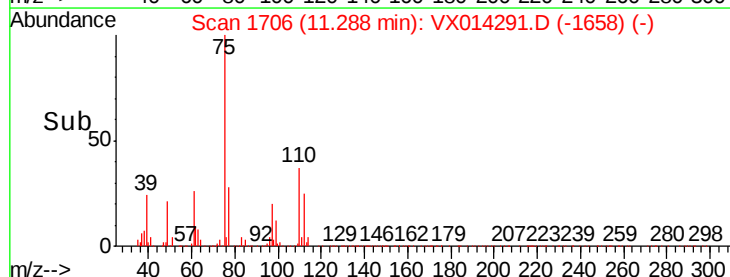
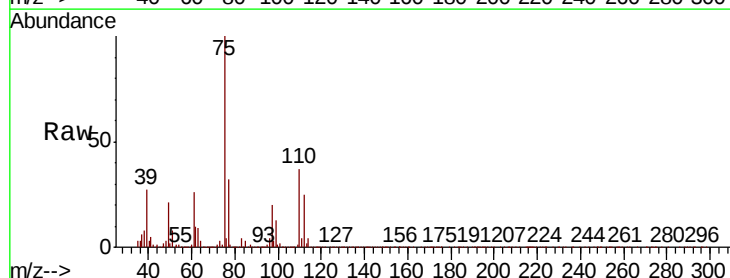
RT: 11.29 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX014291.D

Acq: 27 Dec 2019 00:52

Tgt Ion:	75	Resp:	149911
Ion Ratio	Lower	Upper	
75	100		
77	35.7	19.3	57.8





#77

Bromobenzene

Concen: 19.044 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX014291.D

Acq: 27 Dec 2019 00:52

Instrument :

MSVOA_X

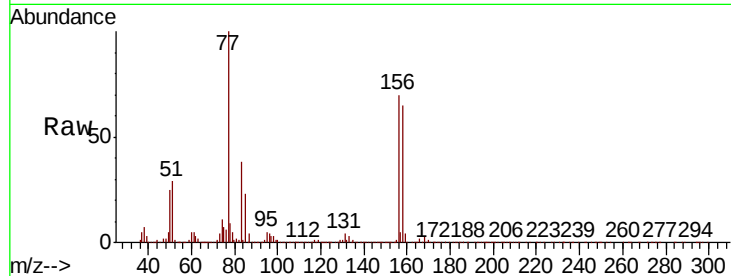
ClientSampleId :

VX1226WBSD02

Tot Ion	Ratio	Lower	Upper
156	100		
77	154.7	76.5	229.5
158	97.2	49.3	147.9

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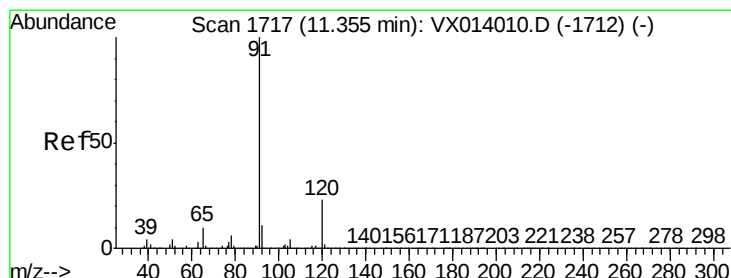
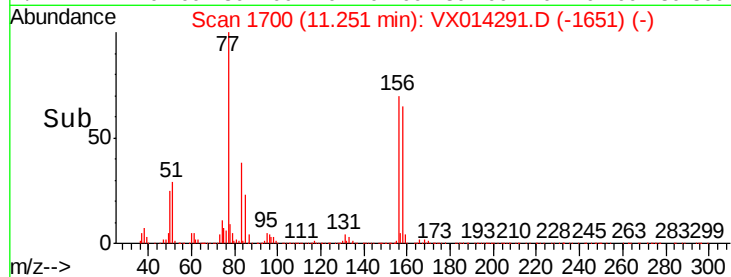
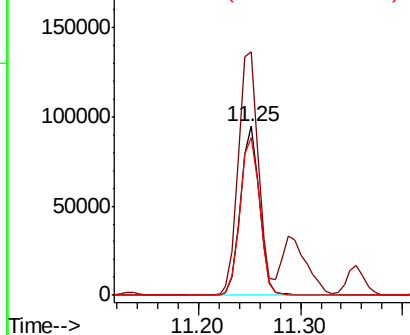
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.793 ug/l

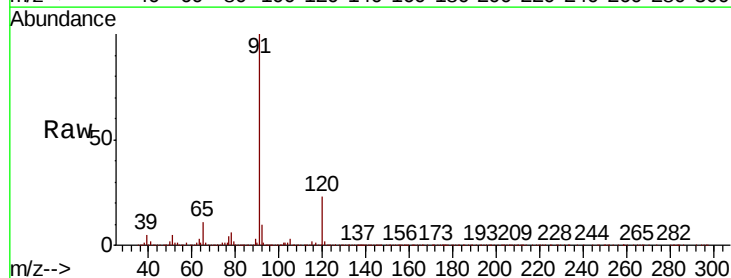
RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX014291.D

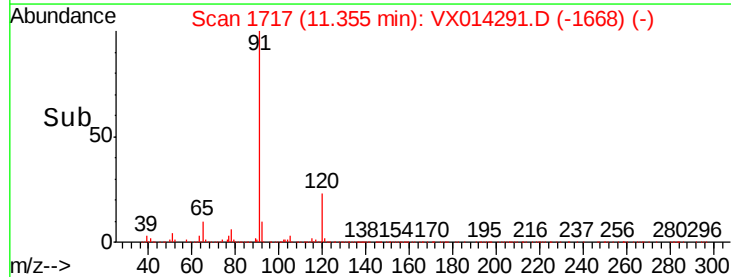
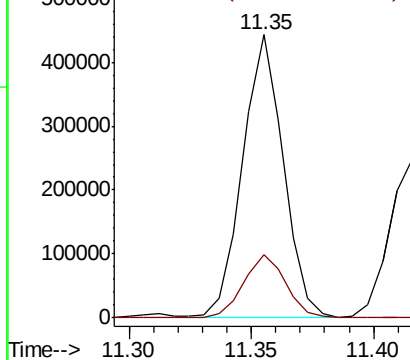
Acq: 27 Dec 2019 00:52

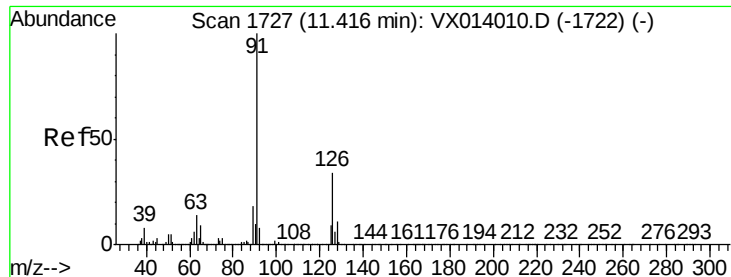
Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.3	11.7	35.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





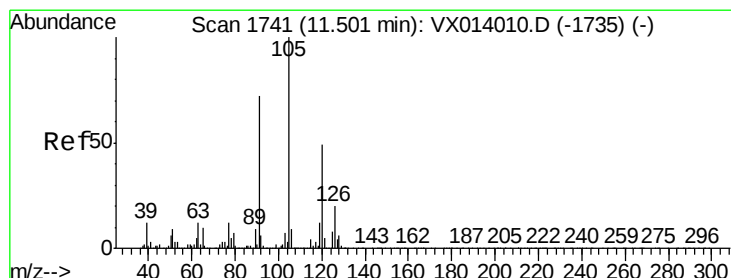
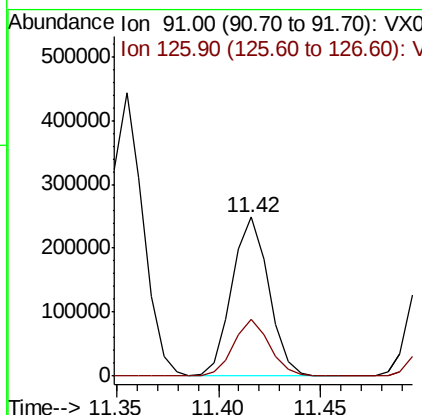
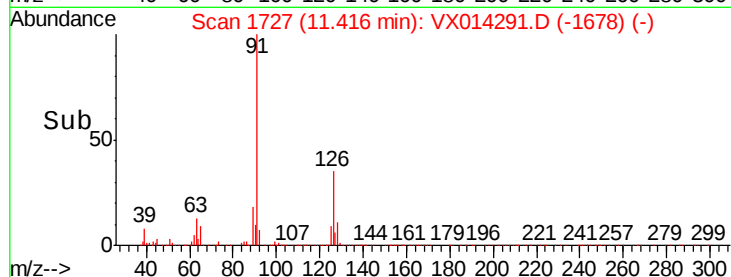
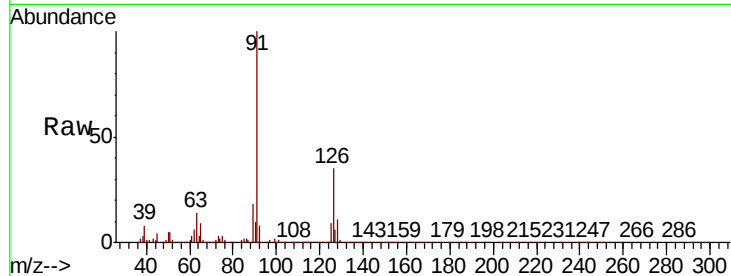
#79
 2-Chlorotoluene
 Concen: 19.733 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. 0.00 min
 Lab File: VX014291.D
 Acq: 27 Dec 2019 00:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1226WBSD02

Tot Ion: 91 Resp: 308030
 Ion Ratio Lower Upper
 91 100
 126 34.8 17.2 51.6

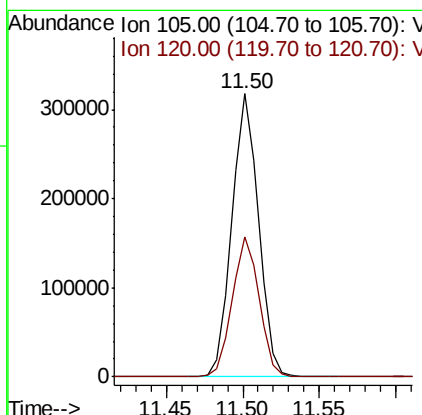
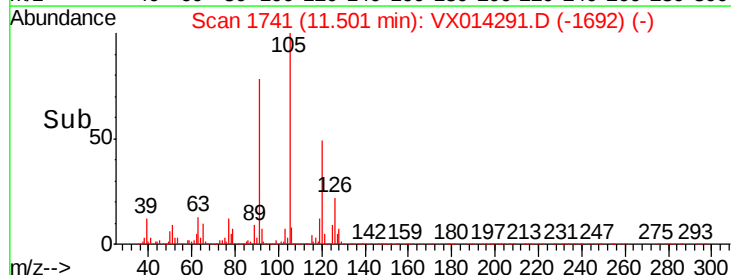
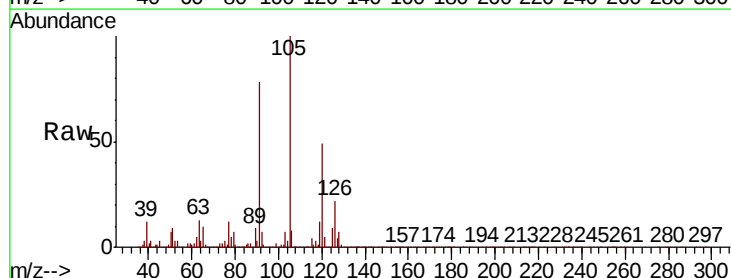
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#80
 1,3,5-Trimethylbenzene
 Concen: 19.813 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX014291.D
 Acq: 27 Dec 2019 00:52

Tgt Ion: 105 Resp: 381746
 Ion Ratio Lower Upper
 105 100
 120 49.8 25.3 75.8





#81

trans-1,4-Dichloro-2-butene

Concen: 17.068 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX014291.D

Acq: 27 Dec 2019 00:52

Instrument :

MSVOA_X

ClientSampleId :

VX1226WBSD02

Tot Ion: 75 Resp: 42686

Ion Ratio Lower Upper

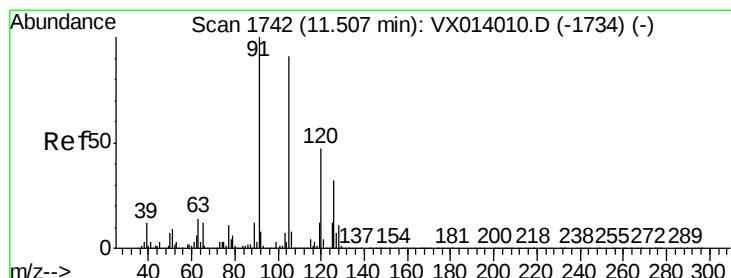
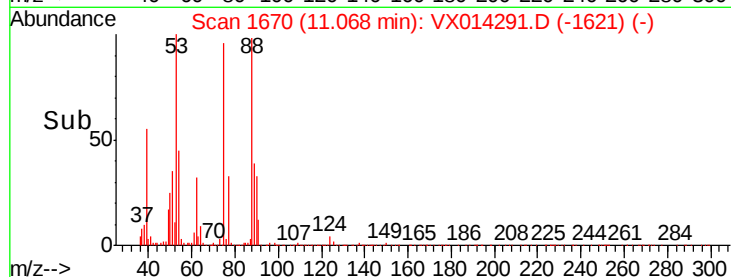
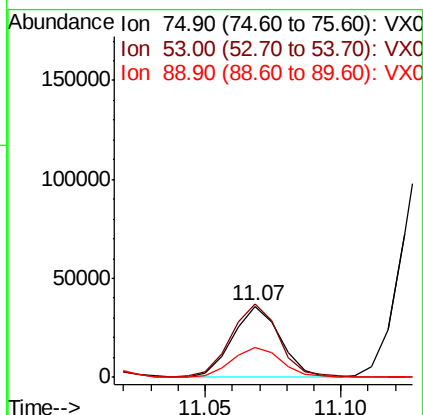
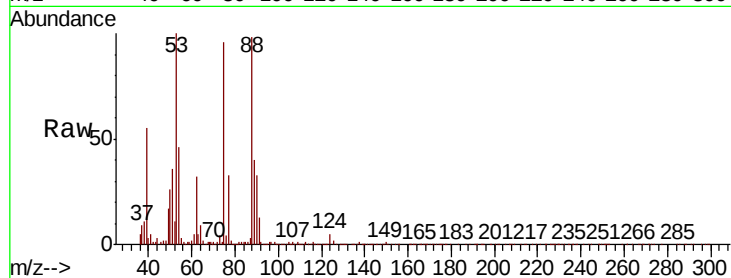
75 100

53 104.6 76.7 115.1

89 44.9 34.6 51.8

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#82

4-Chlorotoluene

Concen: 19.364 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VX014291.D

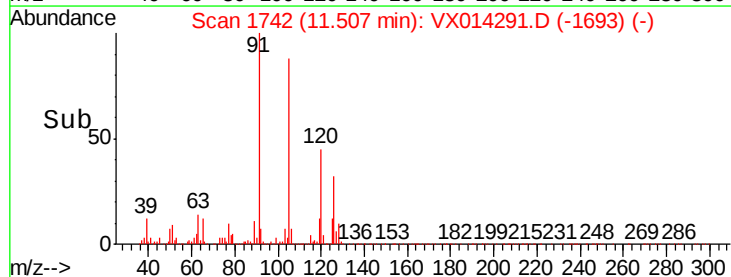
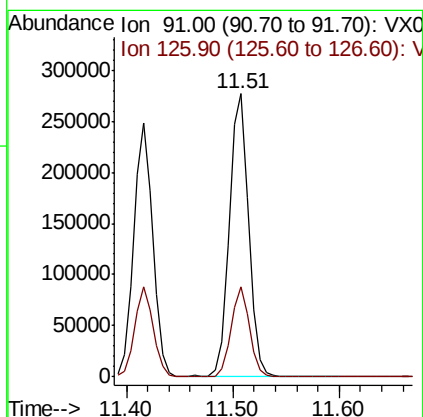
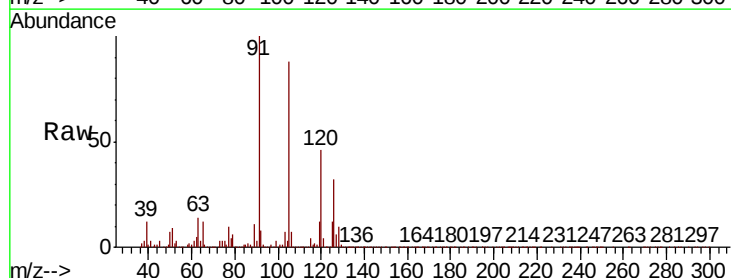
Acq: 27 Dec 2019 00:52

Tgt Ion: 91 Resp: 350618

Ion Ratio Lower Upper

91 100

126 30.3 15.6 46.8





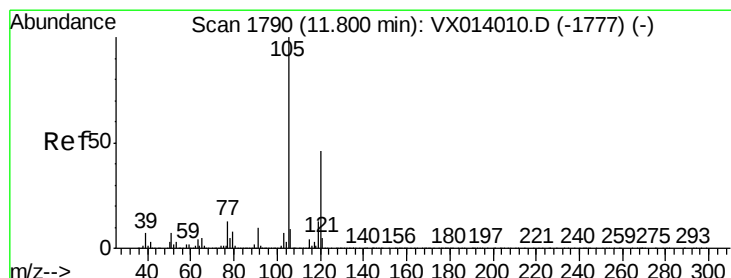
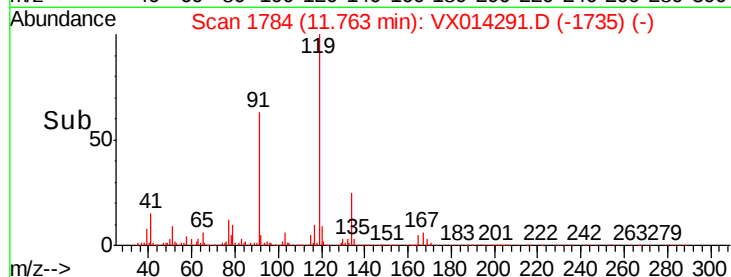
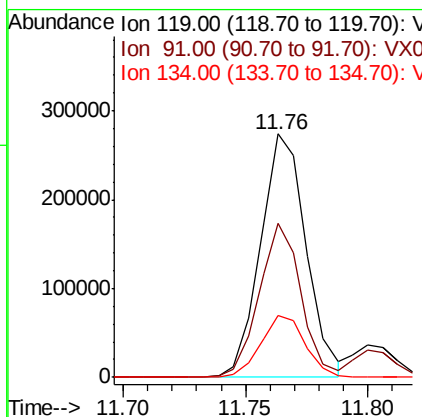
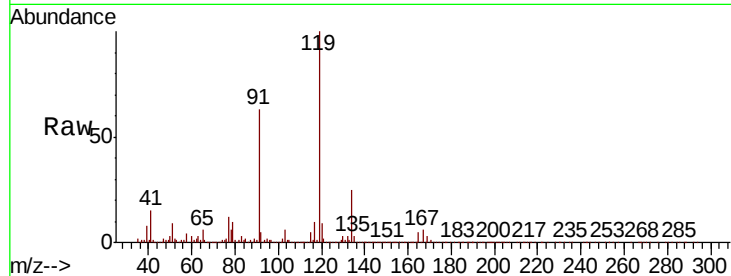
#83
tert-Butylbenzene
Concen: 19.055 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. 0.00 min
Lab File: VX014291.D
Acq: 27 Dec 2019 00:52

Instrument :
MSVOA_X
ClientSampleId :
VX1226WBSD02

Tot Ion	Ratio	Lower	Upper
119	100		
91	57.8	28.5	85.6
134	24.8	12.2	36.6

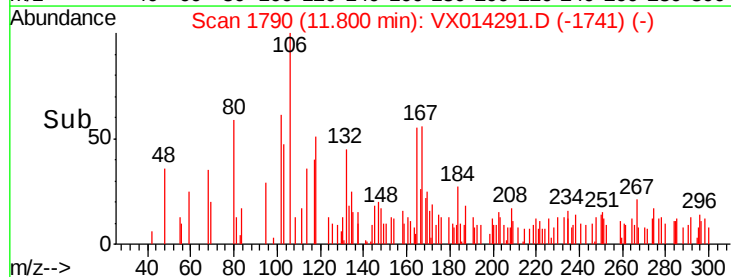
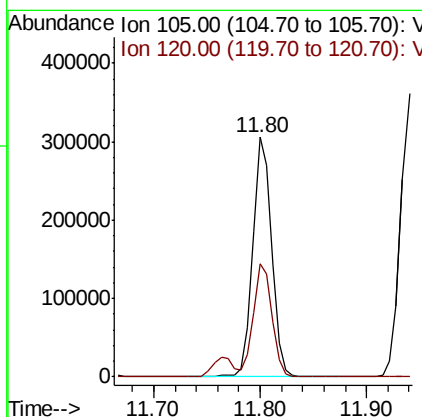
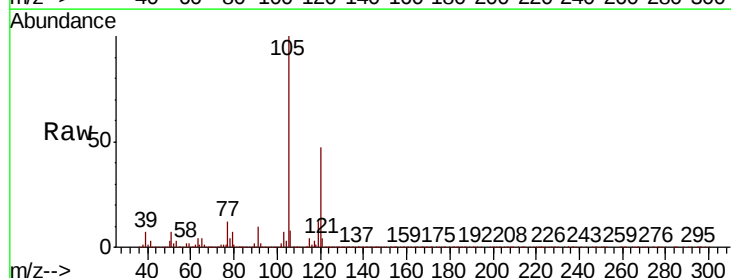
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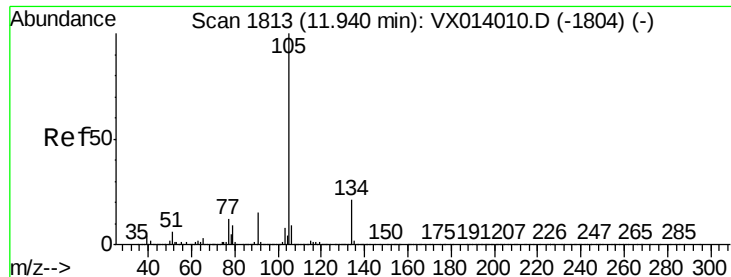
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#84
1,2,4-Trimethylbenzene
Concen: 19.744 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. 0.00 min
Lab File: VX014291.D
Acq: 27 Dec 2019 00:52

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.1	23.1	69.2





#85

sec-Butylbenzene

Concen: 19.666 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX014291.D

Acq: 27 Dec 2019 00:52

Instrument :

MSVOA_X

ClientSampleId :

VX1226WBSD02

Tot Ion:105 Resp: 435305

Ion Ratio Lower Upper

105 100

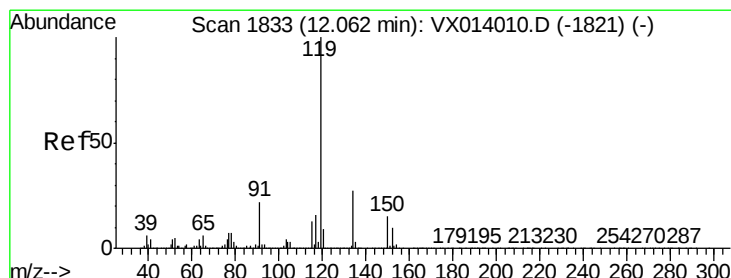
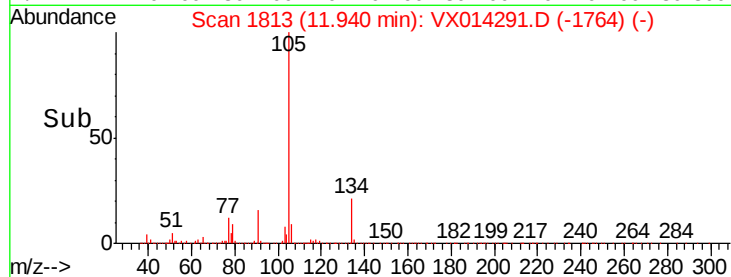
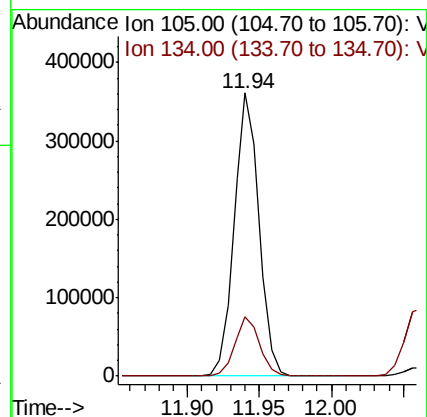
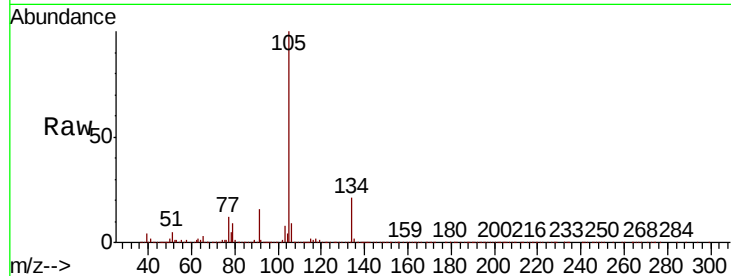
134 20.9 10.4 31.1

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#86

p-Isopropyltoluene

Concen: 19.587 ug/l

RT: 12.06 min Scan# 1832

Delta R.T. -0.01 min

Lab File: VX014291.D

Acq: 27 Dec 2019 00:52

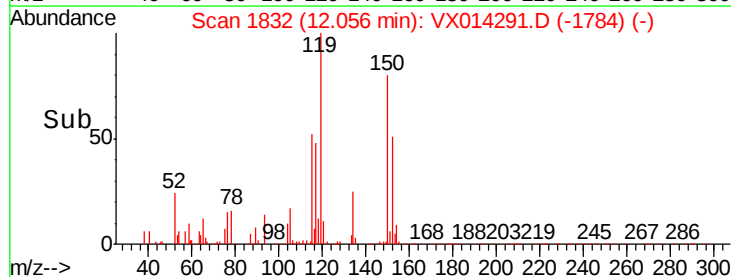
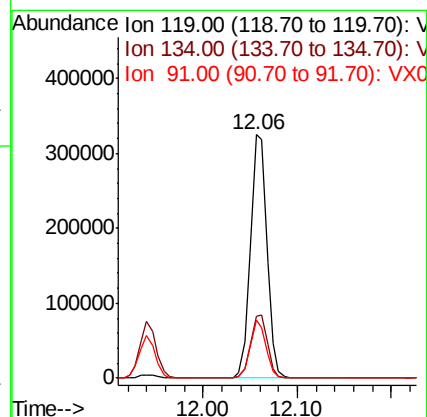
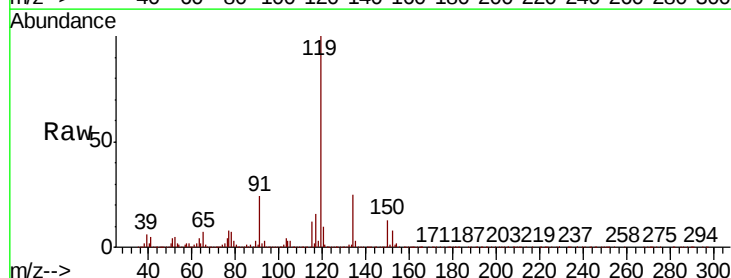
Tgt Ion:119 Resp: 396598

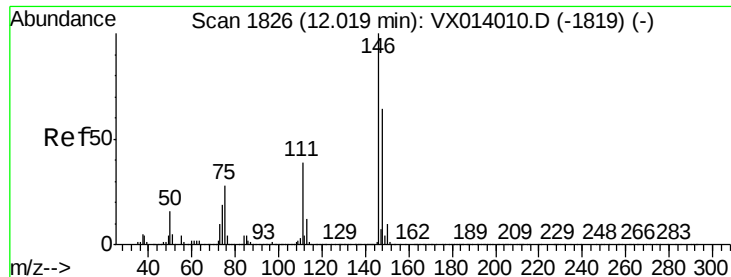
Ion Ratio Lower Upper

119 100

134 26.4 13.4 40.1

91 22.4 11.4 34.1





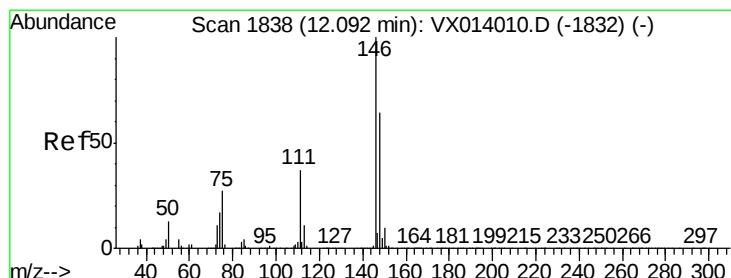
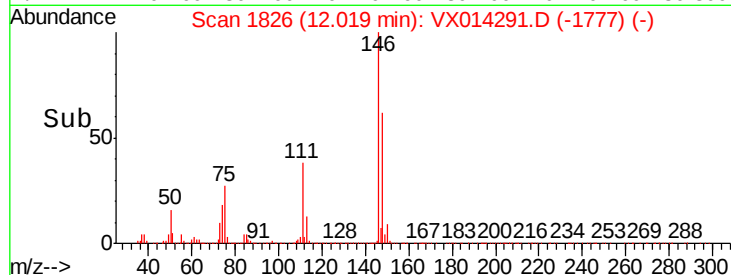
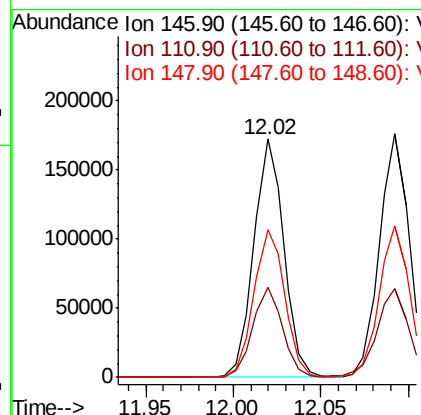
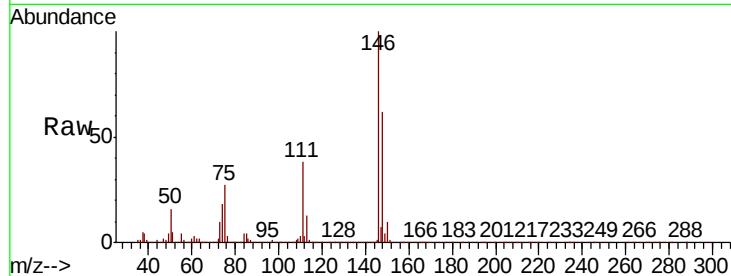
#87
 1,3-Dichlorobenzene
 Concen: 18.767 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX014291.D
 Acq: 27 Dec 2019 00:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1226WBSD02

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.6	19.1	57.1
148	64.0	32.3	96.9

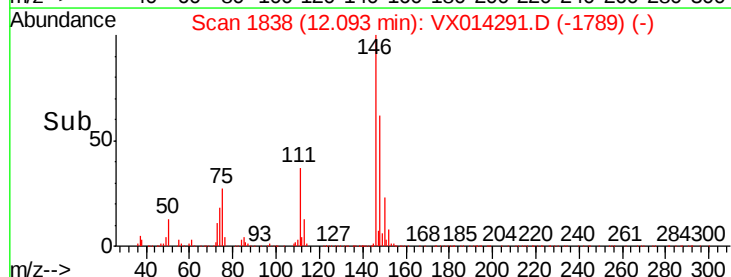
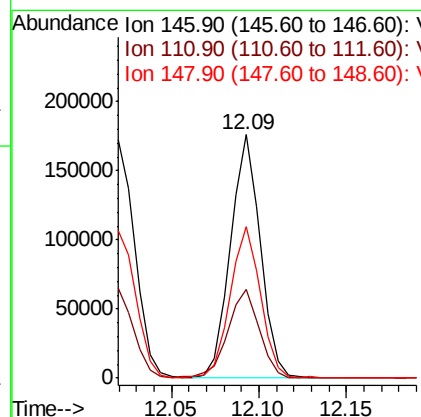
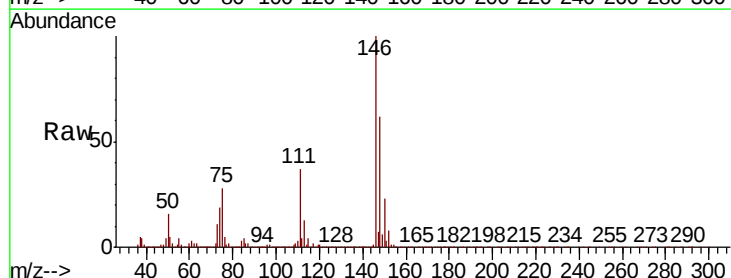
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#88
 1,4-Dichlorobenzene
 Concen: 18.581 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX014291.D
 Acq: 27 Dec 2019 00:52

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.6	18.7	56.1
148	63.3	31.9	95.9





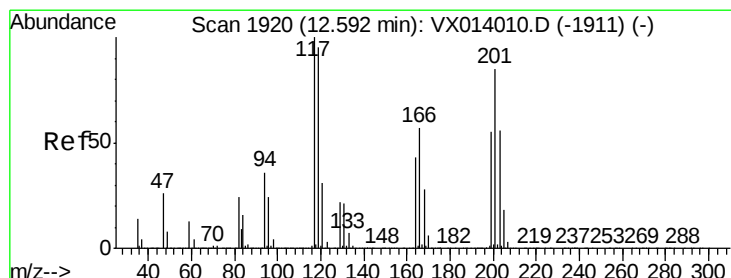
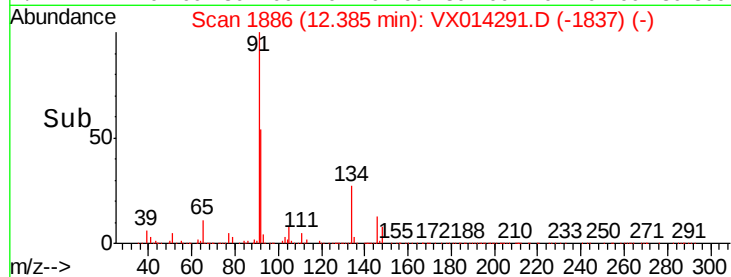
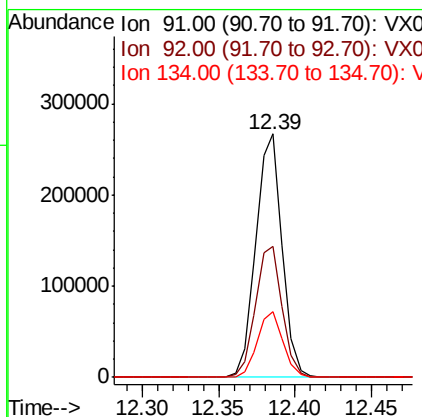
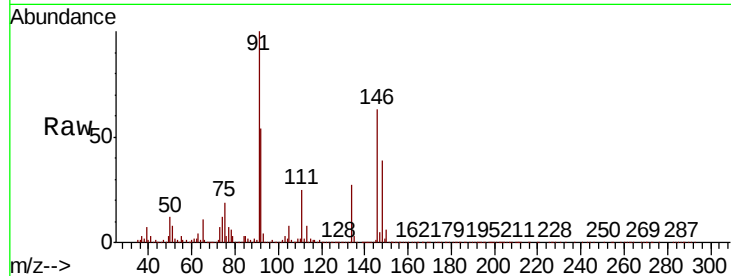
#89
n-Butylbenzene
Concen: 18.414 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX014291.D
Acq: 27 Dec 2019 00:52

Instrument :
MSVOA_X
ClientSampleId :
VX1226WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
91	100			
92	54.7	27.2	81.6	
134	26.5	13.4	40.1	

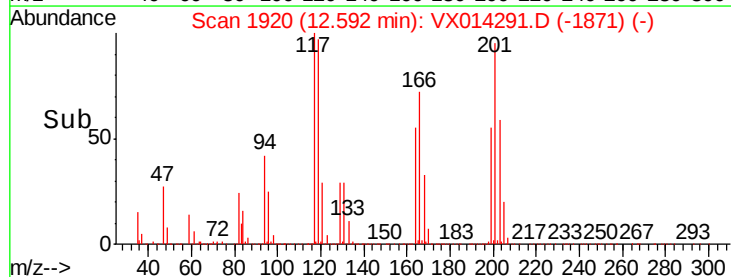
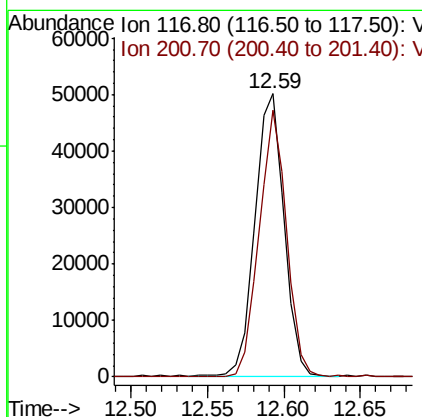
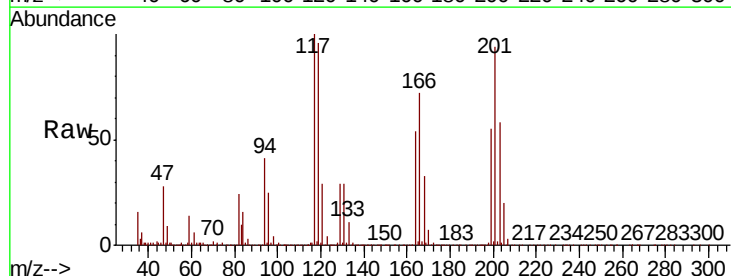
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#90
Hexachloroethane
Concen: 18.218 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX014291.D
Acq: 27 Dec 2019 00:52

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
201	89.7	43.1	129.3	





#91

1,2-Dichlorobenzene

Concen: 18.788 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX014291.D

Acq: 27 Dec 2019 00:52

Instrument :

MSVOA_X

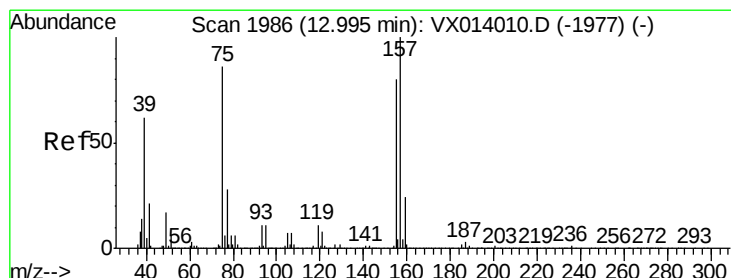
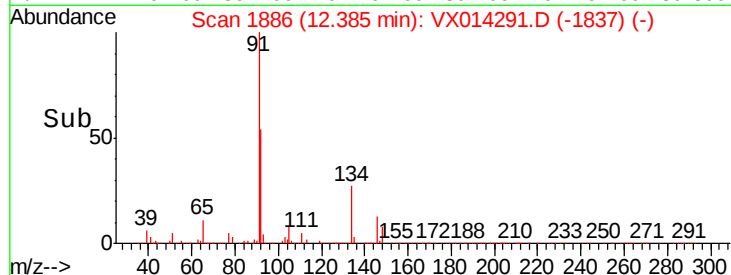
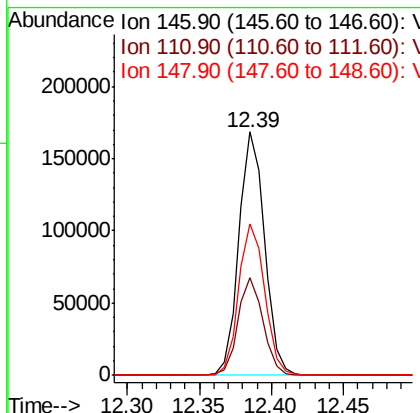
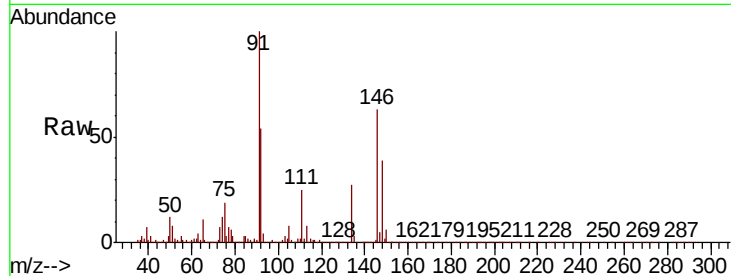
ClientSampleId :

VX1226WBSD02

Tot Ion:	146	Resp:	208783
Ion Ratio	Lower	Upper	
146	100		
111	39.4	19.7	59.1
148	63.7	32.1	96.5

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#92

1,2-Dibromo-3-Chloropropane

Concen: 18.684 ug/l

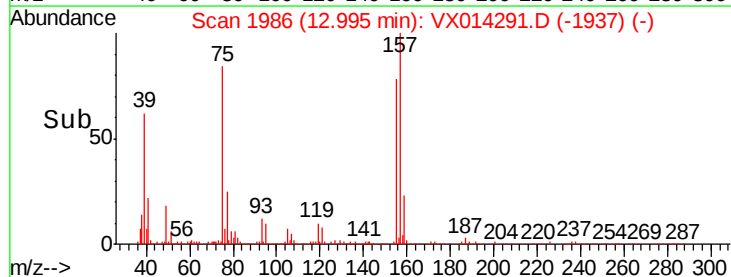
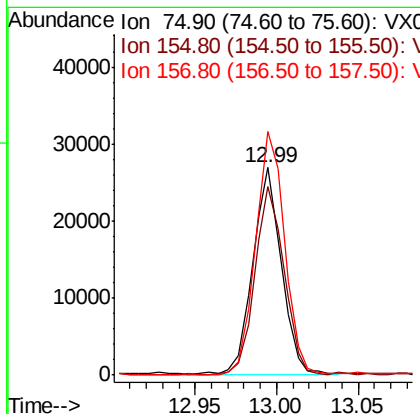
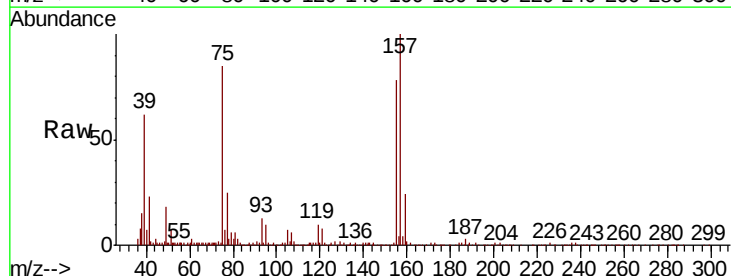
RT: 12.99 min Scan# 1986

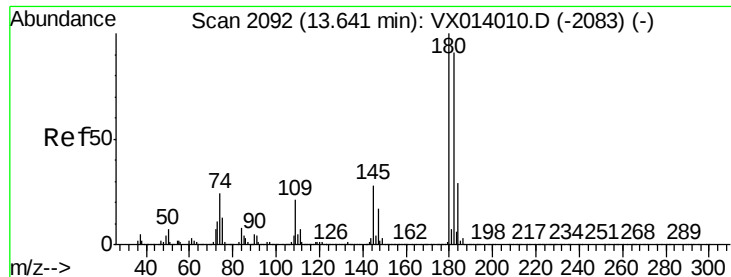
Delta R.T. 0.00 min

Lab File: VX014291.D

Acq: 27 Dec 2019 00:52

Tgt Ion:	75	Resp:	32817
Ion Ratio	Lower	Upper	
75	100		
155	92.4	46.9	140.6
157	120.2	60.8	182.4





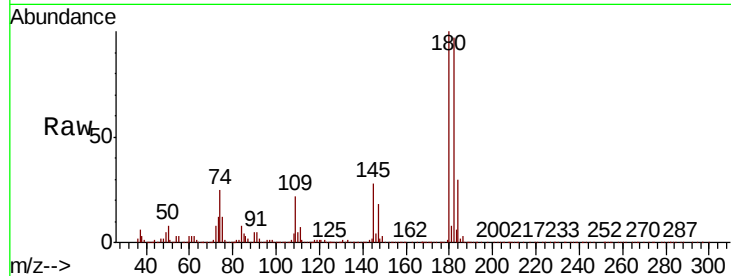
#93
 1,2,4-Trichlorobenzene
 Concen: 18.127 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX014291.D
 Acq: 27 Dec 2019 00:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1226WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
180	100	130932		
182	94.8	46.6	139.8	
145	29.4	14.2	42.6	

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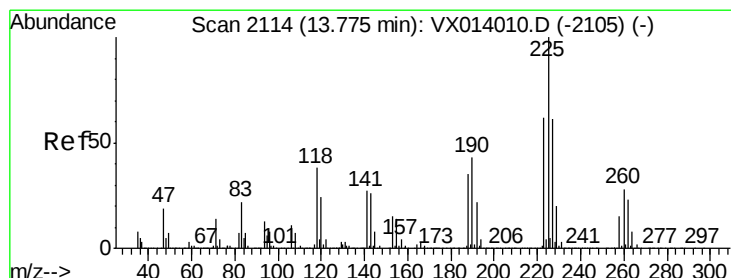
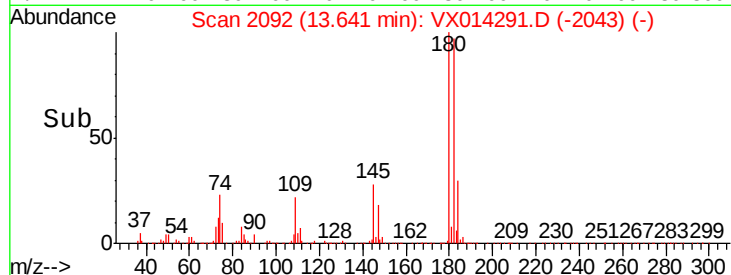
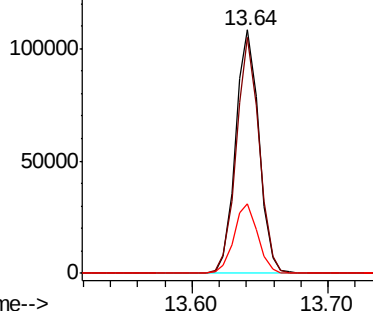


Abundance

Ion 179.80 (179.50 to 180.50): V

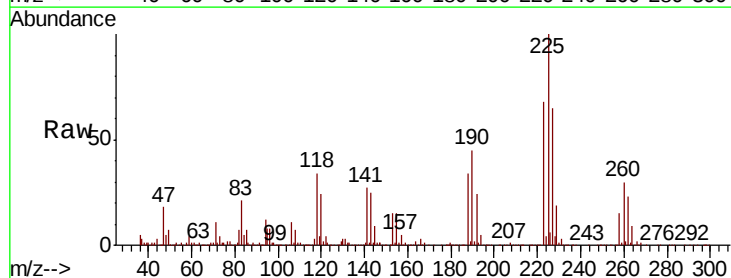
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 18.178 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX014291.D
 Acq: 27 Dec 2019 00:52

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	63100		
223	62.9	30.9	92.5	
227	64.8	30.9	92.7	

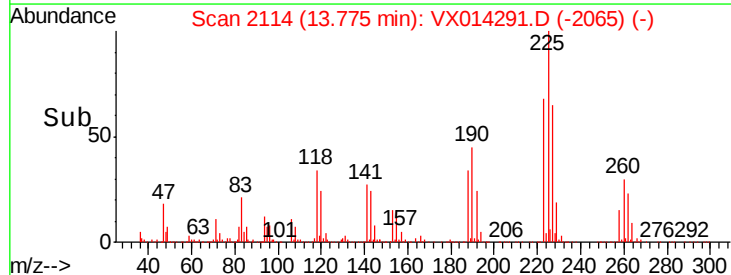
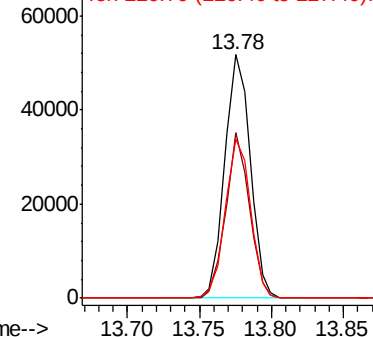


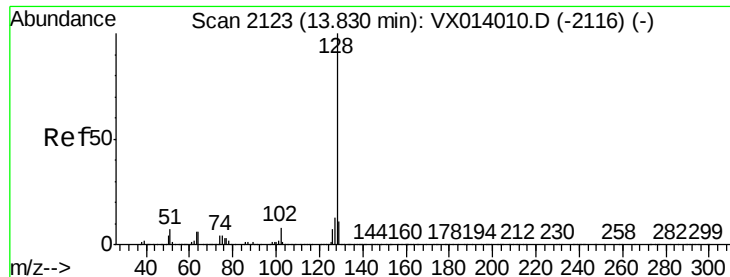
Abundance

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: 19.311 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. 0.00 min

Lab File: VX014291.D

Acq: 27 Dec 2019 00:52

Instrument :

MSVOA_X

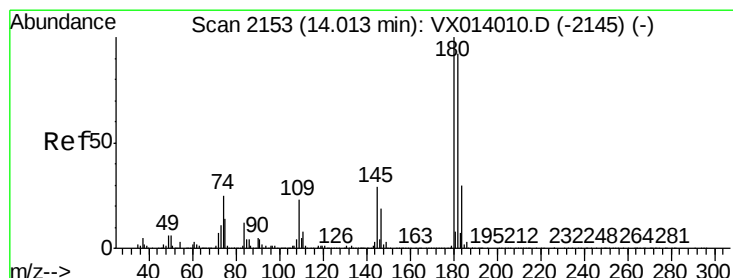
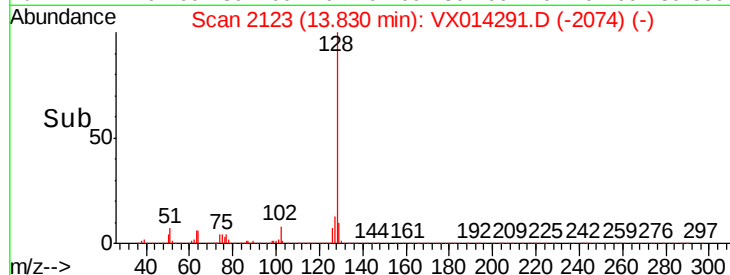
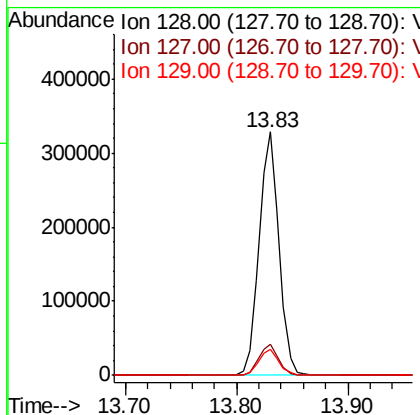
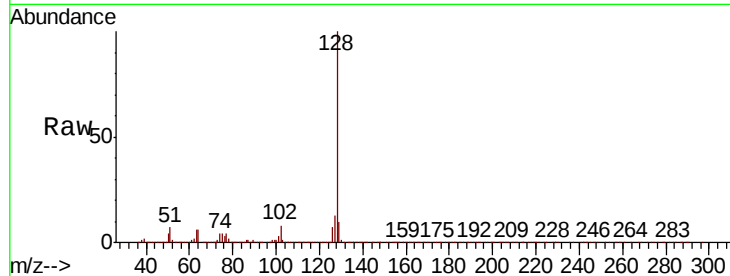
ClientSampleId :

VX1226WBSD02

Tot Ion:	128	Resp:	409802
Ion Ratio	Lower	Upper	
128	100		
127	12.8	10.2	15.4
129	10.8	8.7	13.1

Manual Integrations
APPROVED

apatel
12/27/2019 12:03:31 PM



#96

1,2,3-Trichlorobenzene

Concen: 18.927 ug/l

RT: 14.01 min Scan# 2153

Delta R.T. 0.00 min

Lab File: VX014291.D

Acq: 27 Dec 2019 00:52

Tgt Ion:	180	Resp:	134947
Ion Ratio	Lower	Upper	
180	100		
182	95.7	46.8	140.3
145	30.8	14.8	44.4

