

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121319\
 Data File : VX014016.D
 Acq On : 13 Dec 2019 19:45
 Operator : JC/SP
 Sample : VX1213WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1213WBSD01

Manual Integrations
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 12/17/2019 2:48:53 PM

Quant Time: Dec 17 03:09:07 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	570348	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	874952	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	797353	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	387534	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	324320	50.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.34%	
35) Dibromofluoromethane	5.49	113	264544	49.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.48%	
50) Toluene-d8	8.71	98	1033728	49.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.84%	
62) 4-Bromofluorobenzene	11.14	95	366101	48.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.74%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	95939	18.802	ug/l	99
3) Chloromethane	1.31	50	132845	19.400	ug/l	98
4) Vinyl Chloride	1.40	62	137414	19.018	ug/l	98
5) Bromomethane	1.62	94	94067	18.343	ug/l	99
6) Chloroethane	1.70	64	82594	18.521	ug/l #	89
7) Trichlorofluoromethane	1.92	101	169485	18.949	ug/l	95
8) Diethyl Ether	2.18	74	78392	18.674	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	100302	18.603	ug/l	99
10) Methyl Iodide	2.50	142	122927	19.003	ug/l	98
11) Tert butyl alcohol	3.04	59	141755	101.490	ug/l	100
12) 1,1-Dichloroethene	2.36	96	100529	18.323	ug/l	98
13) Acrolein	2.28	56	96843	121.123	ug/l	97
14) Allyl chloride	2.72	41	184179	18.802	ug/l	97
15) Acrylonitrile	3.13	53	316932	97.215	ug/l	100
16) Acetone	2.44	43	282671	67.357	ug/l	98
17) Carbon Disulfide	2.56	76	289086	19.445	ug/l	99
18) Methyl Acetate	2.76	43	157758	18.971	ug/l	98
19) Methyl tert-butyl Ether	3.19	73	352014	19.525	ug/l	97
20) Methylene Chloride	2.84	84	124223	18.797	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	111948	18.521	ug/l	99
22) Diisopropyl ether	3.84	45	383491	19.646	ug/l	98
23) Vinyl Acetate	3.80	43	1629828	102.313	ug/l	100
24) 1,1-Dichloroethane	3.69	63	204428	18.823	ug/l	99
25) 2-Butanone	4.66	43	445215	86.050	ug/l	98
26) 2,2-Dichloropropane	4.57	77	154748	18.352	ug/l	100
27) cis-1,2-Dichloroethene	4.58	96	130082	19.030	ug/l	99
28) Bromochloromethane	5.00	49	83403	20.241	ug/l	99
29) Tetrahydrofuran	5.12	42	288782	99.790	ug/l	99
30) Chloroform	5.20	83	196609	19.097	ug/l	99
31) Cyclohexane	5.57	56	189934	19.663	ug/l	97
32) 1,1,1-Trichloroethane	5.48	97	169012	19.262	ug/l	97
36) 1,1-Dichloropropene	5.79	75	151898	18.921	ug/l	99
37) Ethyl Acetate	4.82	43	173142	19.530	ug/l	99
38) Carbon Tetrachloride	5.78	117	139936	19.134	ug/l	100

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Manual Integrations
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Quant Time: Dec 17 03:09:07 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)
39) Methylcyclohexane	7.46	83	183891	18.551	ug/l	98
40) Benzene	6.13	78	465839	18.859	ug/l	98
41) Methacrylonitrile	5.03	41	97955	19.914	ug/l	97
42) 1,2-Dichloroethane	6.19	62	162542	19.412	ug/l	99
43) Isopropyl Acetate	6.44	43	285625	19.468	ug/l	100
44) Trichloroethene	7.20	130	123595	18.115	ug/l	99
45) 1,2-Dichloropropane	7.51	63	121681	19.219	ug/l	98
46) Dibromomethane	7.65	93	77391	18.488	ug/l	99
47) Bromodichloromethane	7.89	83	146629	18.599	ug/l	99
48) Methyl methacrylate	7.76	41	138351	19.257	ug/l	100
49) 1,4-Dioxane	7.73	88	56959	389.587	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	896877	97.337	ug/l	100
52) Toluene	8.78	92	296326	18.979	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	165830	19.184	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	185774	19.290	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	118399	18.921	ug/l	98
56) Ethyl methacrylate	9.17	69	188891	19.216	ug/l	99
57) 1,3-Dichloropropane	9.37	76	203063	19.287	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	356313	95.786	ug/l	100
59) 2-Hexanone	9.49	43	683648	92.168	ug/l	99
60) Dibromochloromethane	9.57	129	116801	18.778	ug/l	99
61) 1,2-Dibromoethane	9.67	107	125237	19.561	ug/l	100
64) Tetrachloroethene	9.33	164	114260	16.194	ug/l	99
65) Chlorobenzene	10.14	112	315456	18.607	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	116054	19.172	ug/l	98
67) Ethyl Benzene	10.25	91	553391	18.986	ug/l	99
68) m/p-Xylenes	10.36	106	423323	37.761	ug/l	98
69) o-Xylene	10.70	106	208096	18.927	ug/l	99
70) Styrene	10.71	104	343260	18.463	ug/l	99
71) Bromoform	10.86	173	87459	17.974	ug/l #	97
73) Isopropylbenzene	11.01	105	539651	19.778	ug/l	99
74) N-amyl acetate	10.89	43	253936	19.855	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	188285	19.904	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	168469m	20.024	ug/l	
77) Bromobenzene	11.25	156	143484	19.113	ug/l	98
78) n-propylbenzene	11.35	91	598396	19.552	ug/l	100
79) 2-Chlorotoluene	11.42	91	364872	19.612	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	448413	19.527	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	57085	19.151	ug/l	94
82) 4-Chlorotoluene	11.51	91	410448	19.020	ug/l	98
83) tert-Butylbenzene	11.76	119	451083	20.185	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	446867	19.432	ug/l	98
85) sec-Butylbenzene	11.94	105	512865	19.440	ug/l	100
86) p-Isopropyltoluene	12.06	119	469065	19.437	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	244744	18.602	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	241947	18.085	ug/l	98
89) n-Butylbenzene	12.39	91	381211	18.513	ug/l	100
90) Hexachloroethane	12.59	117	82743	19.089	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	248308	18.748	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	37147	17.745	ug/l	97

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ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1213WBSD01

Manual Integrations
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Quant Time: Dec 17 03:09:07 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)
93) 1,2,4-Trichlorobenzene	13.64	180	155171	18.025	ug/l	98
94) Hexachlorobutadiene	13.78	225	74453	17.996	ug/l	98
95) Naphthalene	13.83	128	484900	19.172	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	161807	19.041	ug/l	99

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

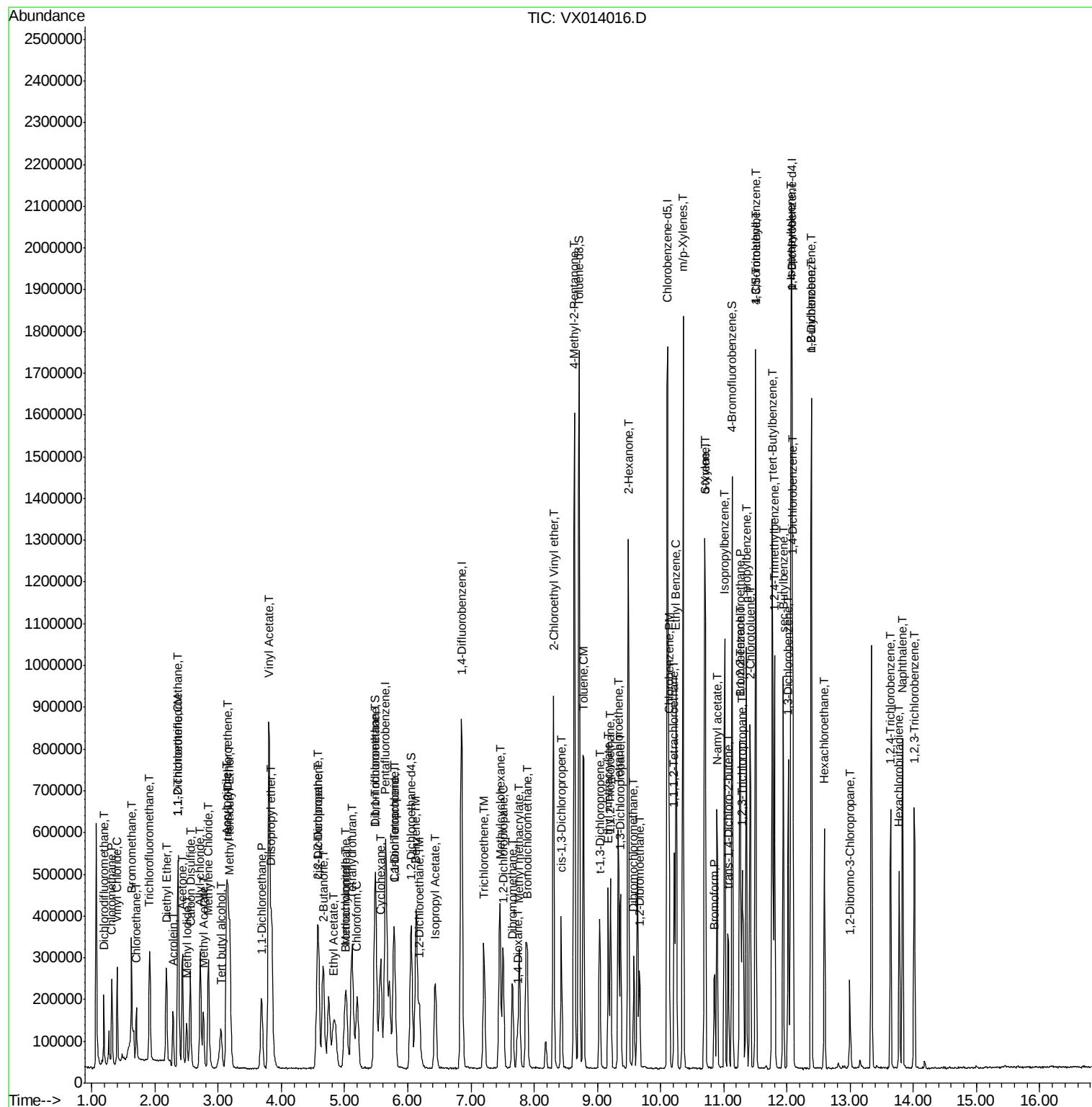
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Data File : VX014016.D
Acq On : 13 Dec 2019 19:45
Operator : JC/SP
Sample : VX1213WBSD01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 13 Sample Multiplier: 1

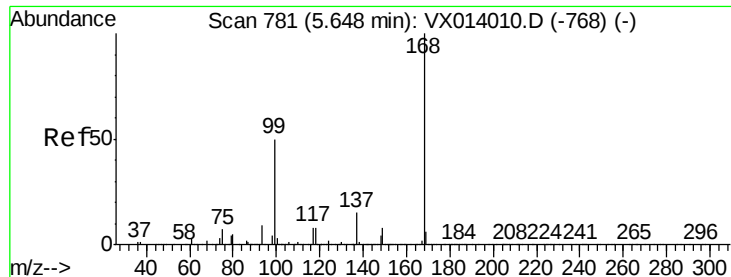
Instrument :
MSVOA_X
ClientSampleID :
VX1213WBSD01

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Quant Title : SW846 8260
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#1

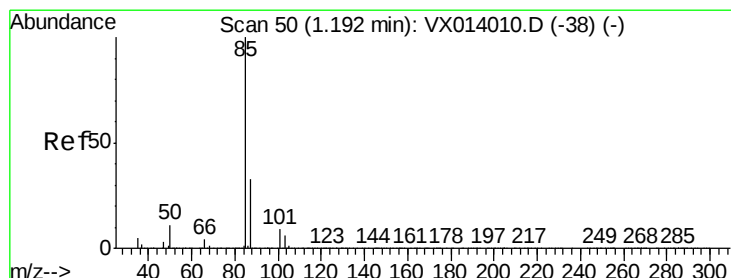
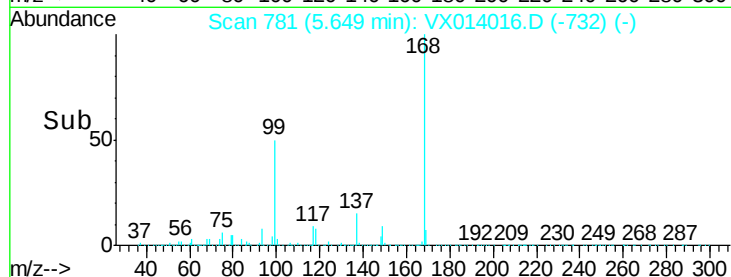
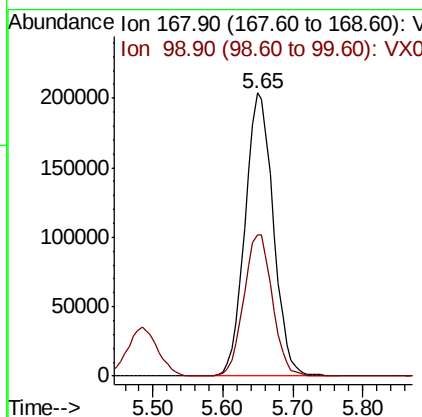
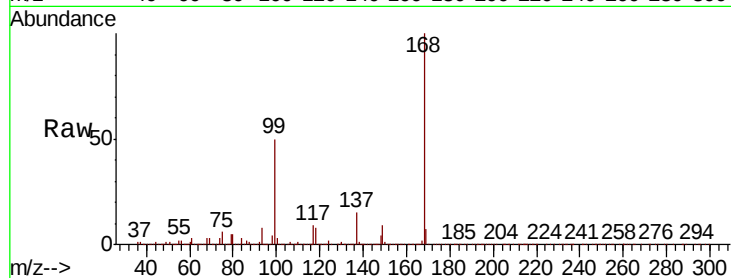
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.65 min Scan# 781
 Delta R.T. 0.00 min
 Lab File: VX014016.D
 Acq: 13 Dec 2019 19:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1213WBSD01

Tot Ion	Ratio	Lower	Upper
168	100		
99	49.7	40.3	60.5

Manual Integrations
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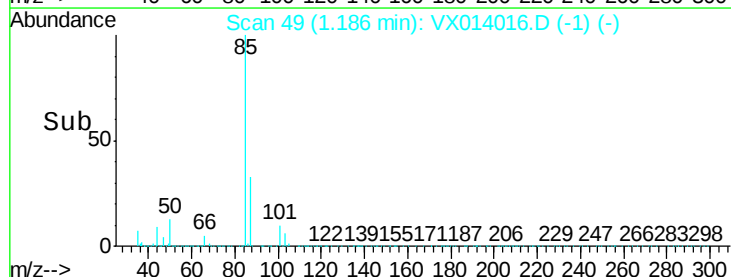
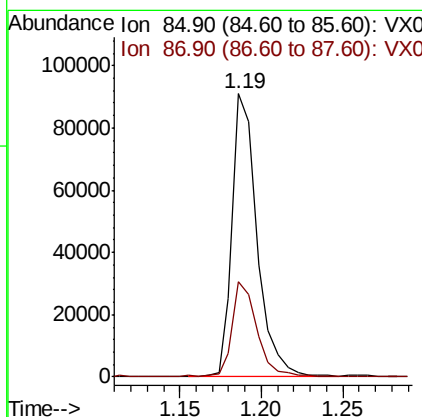
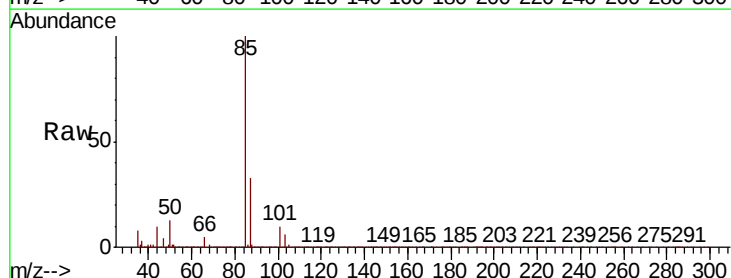
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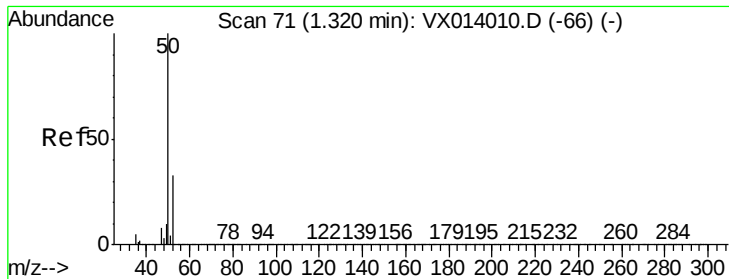


#2

Dichlorodifluoromethane
 Concen: 18.802 ug/l
 RT: 1.19 min Scan# 49
 Delta R.T. -0.01 min
 Lab File: VX014016.D
 Acq: 13 Dec 2019 19:45

Tgt Ion	Ratio	Lower	Upper
85	100		
87	33.2	16.4	49.2





#3

Chloromethane

Concen: 19.400 ug/l

RT: 1.31 min Scan# 70

Delta R.T. -0.01 min

Lab File: VX014016.D

Acq: 13 Dec 2019 19:45

Instrument :

MSVOA_X

ClientSampleId :

VX1213WBSD01

Tot Ion: 50 Resp: 132845

Ion Ratio Lower Upper

50 100

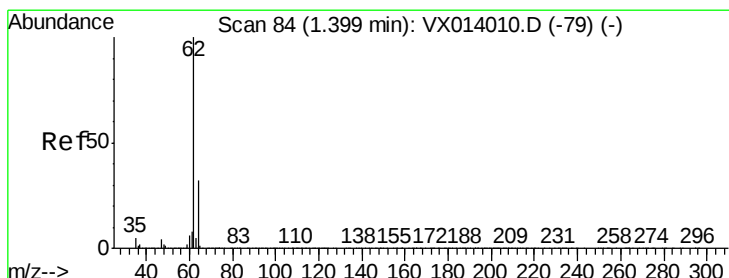
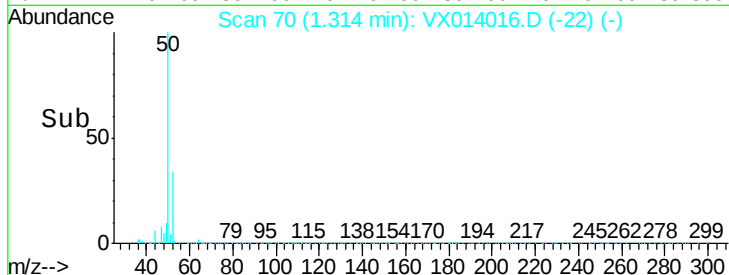
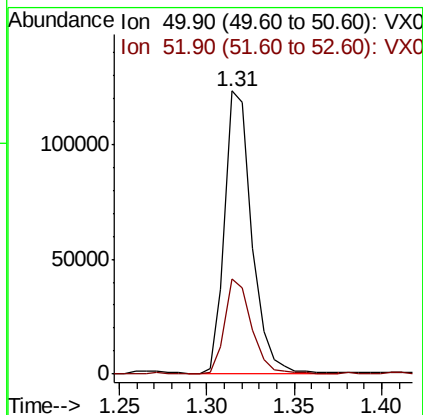
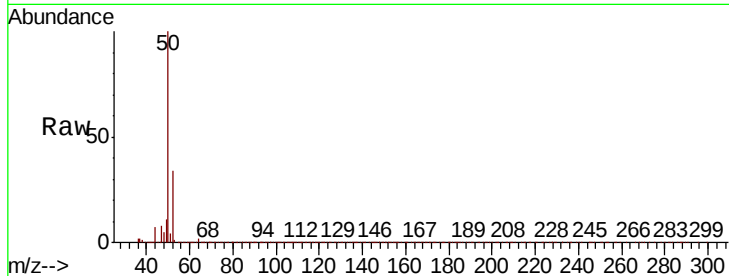
52 33.7 26.2 39.4

Manual Integrations

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#4

Vinyl Chloride

Concen: 19.018 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX014016.D

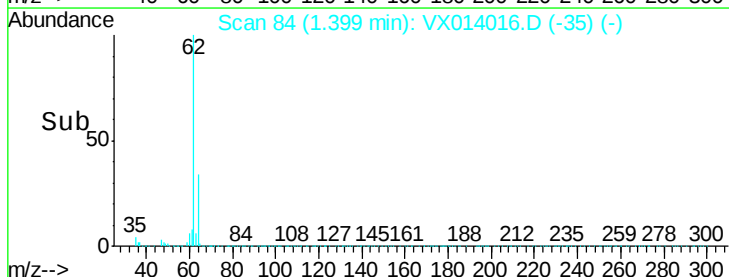
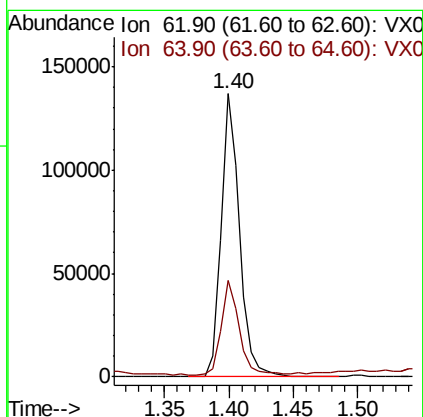
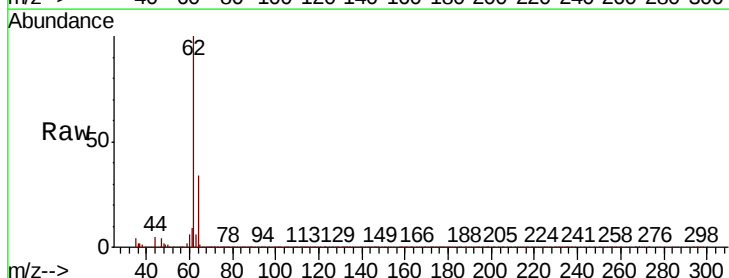
Acq: 13 Dec 2019 19:45

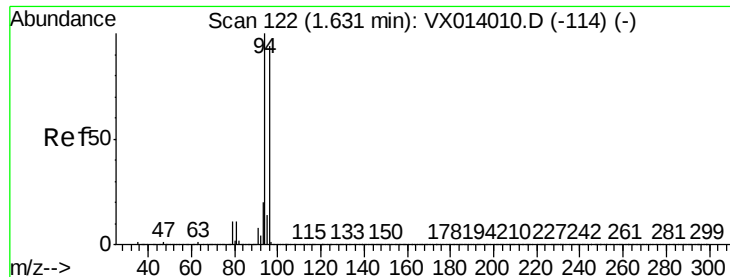
Tgt Ion: 62 Resp: 137414

Ion Ratio Lower Upper

62 100

64 33.1 25.7 38.5





#5

Bromomethane

Concen: 18.343 ug/l

RT: 1.62 min Scan# 121

Delta R.T. -0.01 min

Lab File: VX014016.D

Acq: 13 Dec 2019 19:45

Instrument :

MSVOA_X

ClientSampleId :

VX1213WBSD01

Tot Ion: 94 Resp: 94067

Ion Ratio Lower Upper

94 100

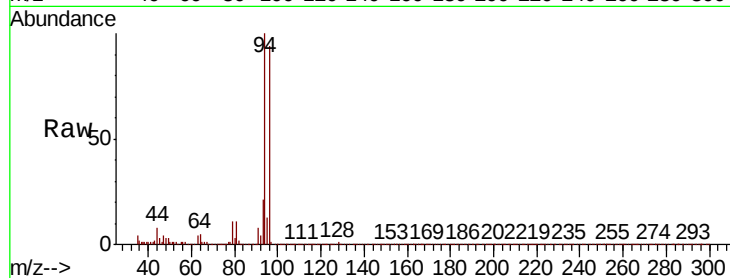
96 93.5 75.2 112.8

Manual Integrations

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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.62

100000

80000

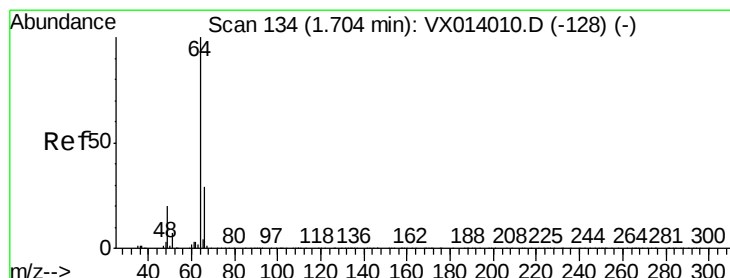
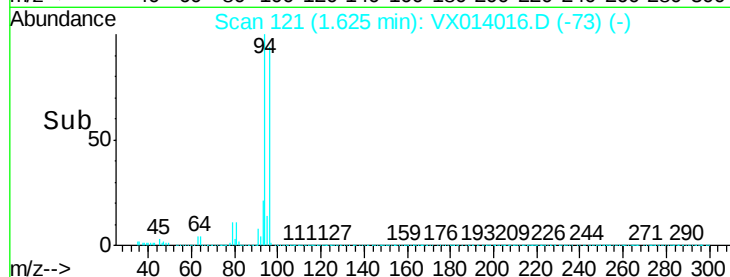
60000

40000

20000

0

Time-->



#6

Chloroethane

Concen: 18.521 ug/l

RT: 1.70 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX014016.D

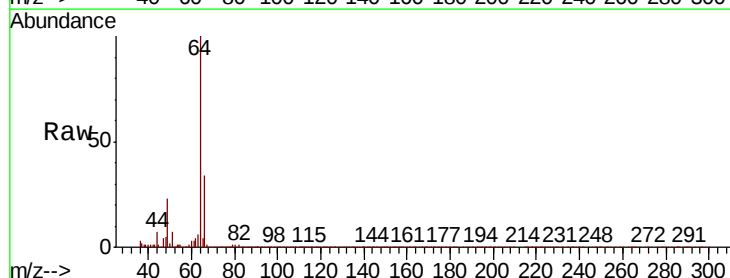
Acq: 13 Dec 2019 19:45

Tgt Ion: 64 Resp: 82594

Ion Ratio Lower Upper

64 100

66 35.2 23.4 35.2#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

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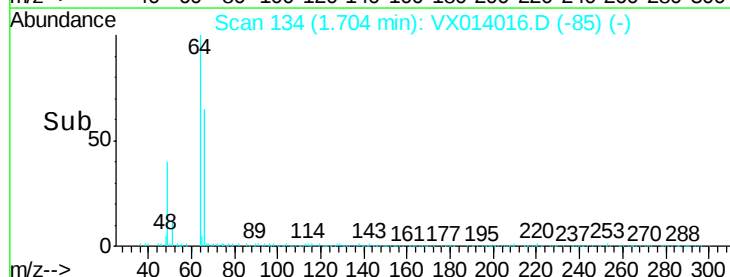
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Time-->





#7

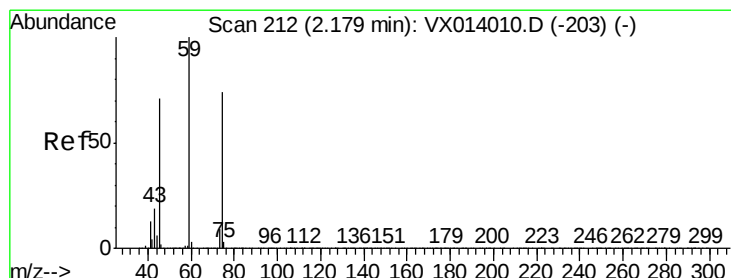
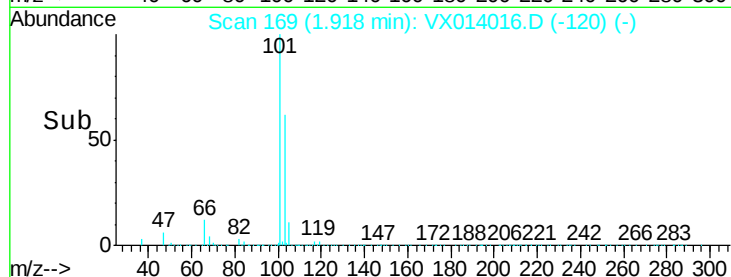
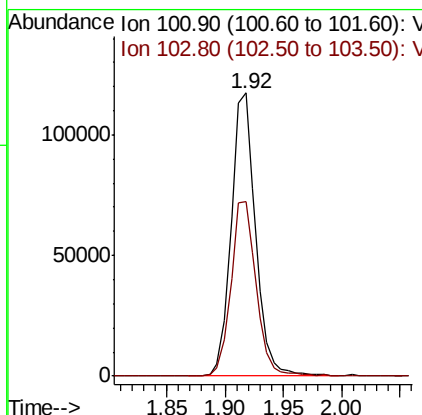
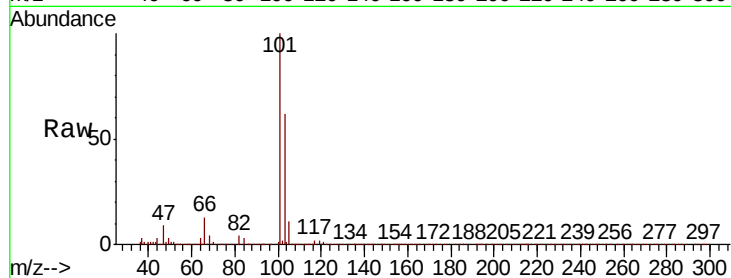
Trichlorofluoromethane
Concen: 18.949 ug/l
RT: 1.92 min Scan# 169
Delta R.T. 0.00 min
Lab File: VX014016.D
Acq: 13 Dec 2019 19:45

Instrument :
MSVOA_X
ClientSampleId :
VX1213WBSD01

Tot Ion	Ratio	Lower	Upper
101	100		
103	61.6	52.2	78.4

Manual Integrations
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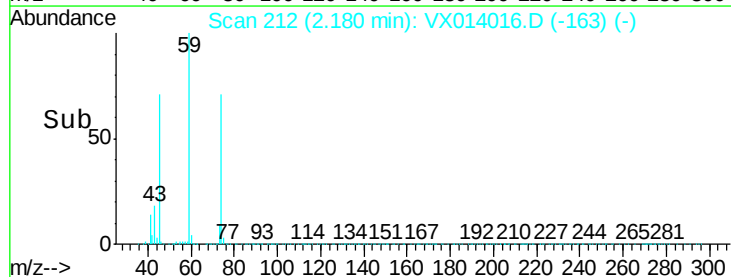
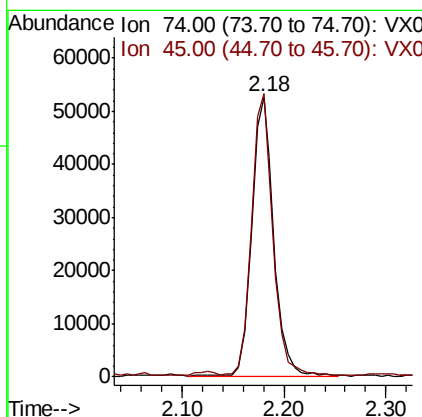
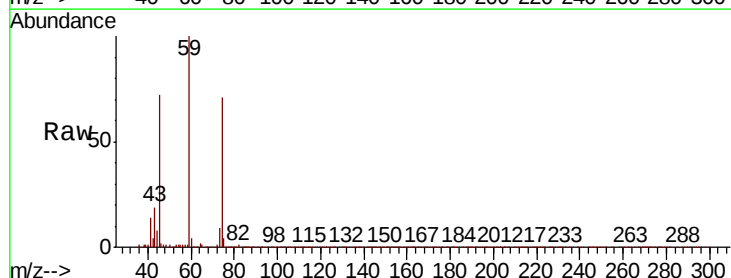
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#8

Diethyl Ether
Concen: 18.674 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX014016.D
Acq: 13 Dec 2019 19:45

Tgt Ion	Ratio	Lower	Upper
74	100		
45	98.5	48.1	144.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.603 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.00 min

Lab File: VX014016.D

Acq: 13 Dec 2019 19:45

Instrument :

MSVOA_X

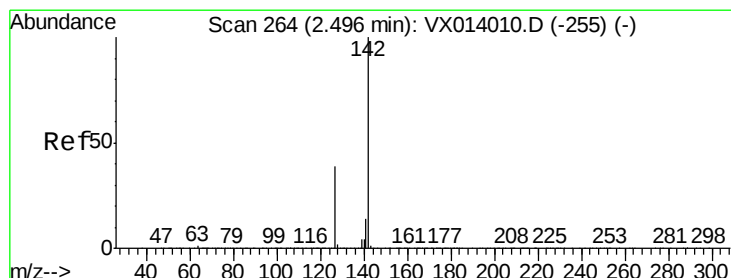
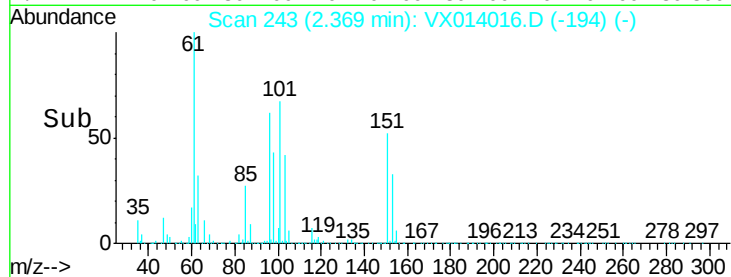
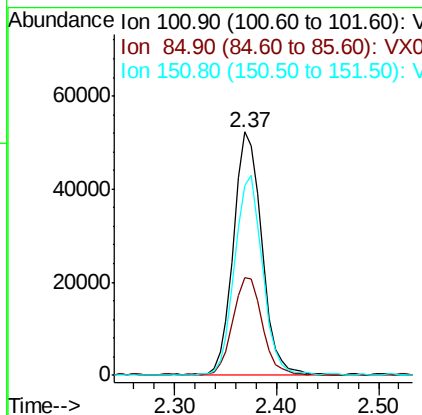
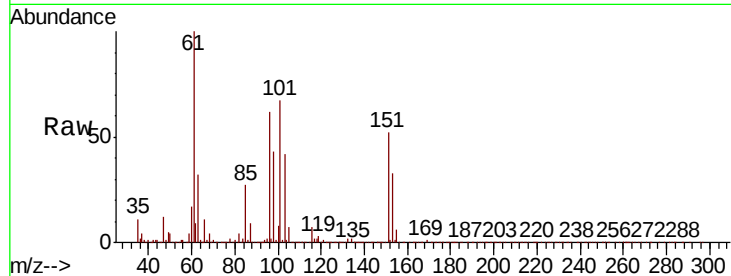
ClientSampleId :

VX1213WBSD01

Tot Ion:	101	Resp:	100302
Ion Ratio	Lower	Upper	
101	100		
85	42.0	33.7	50.5
151	81.4	64.5	96.7

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#10

Methyl Iodide

Concen: 19.003 ug/l

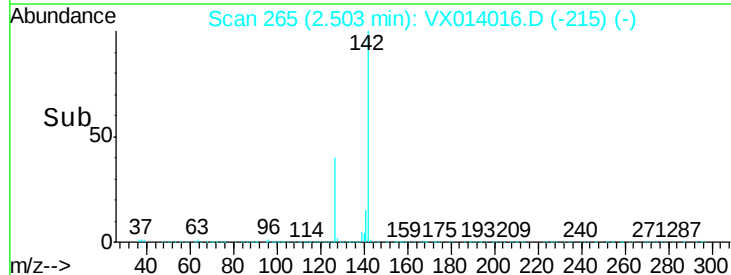
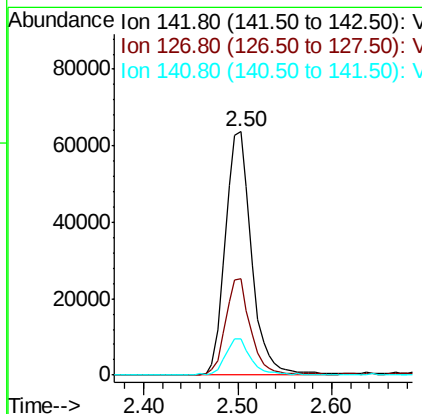
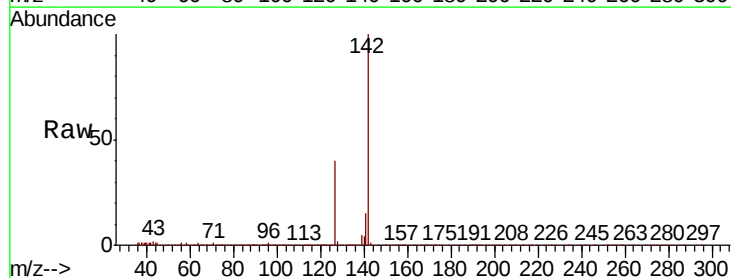
RT: 2.50 min Scan# 265

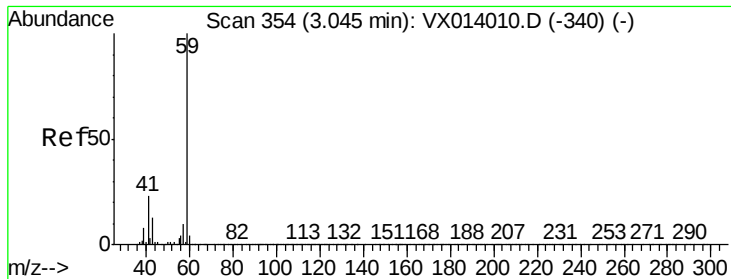
Delta R.T. 0.01 min

Lab File: VX014016.D

Acq: 13 Dec 2019 19:45

Tgt Ion:	142	Resp:	122927
Ion Ratio	Lower	Upper	
142	100		
127	37.5	31.6	47.4
141	14.7	11.6	17.4





#11

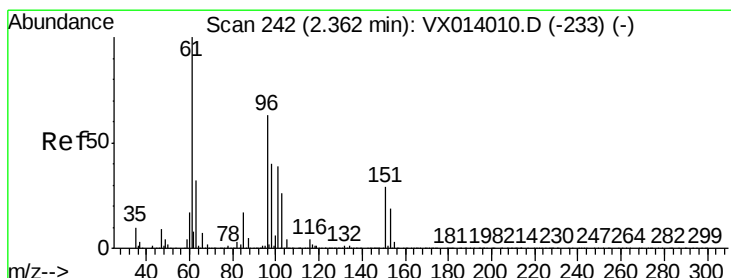
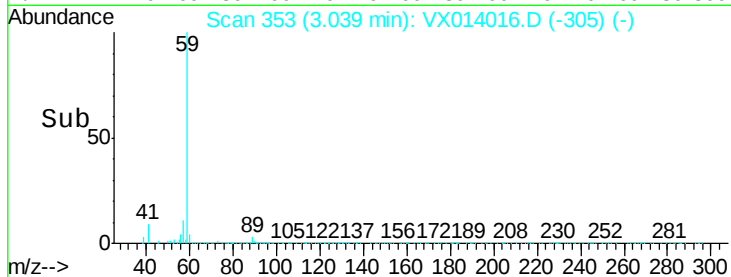
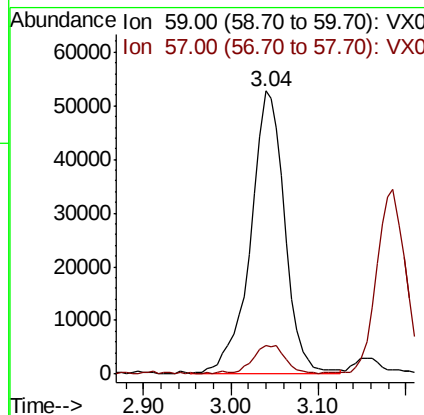
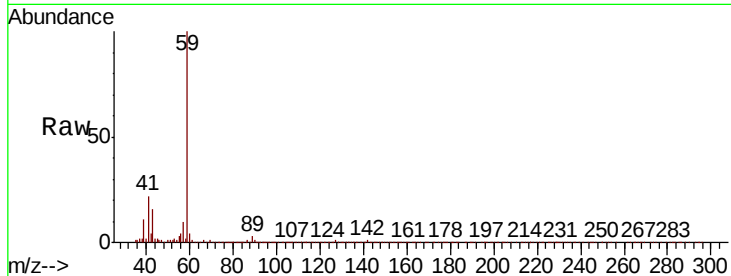
Tert butyl alcohol
Concen: 101.490 ug/l
RT: 3.04 min Scan# 353
Delta R.T. -0.01 min
Lab File: VX014016.D
Acq: 13 Dec 2019 19:45

Instrument :
MSVOA_X
ClientSampleId :
VX1213WBSD01

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.4	8.4	12.6

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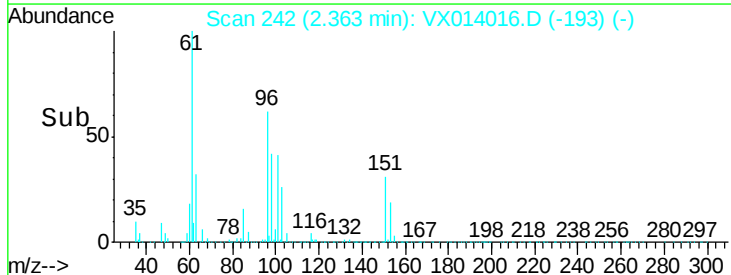
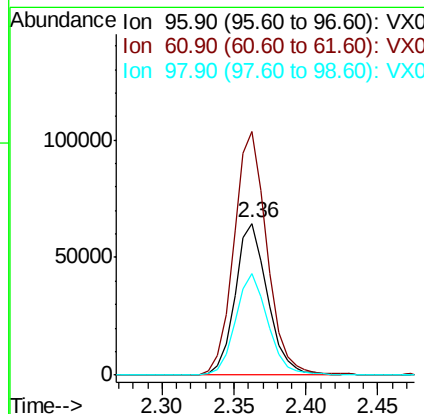
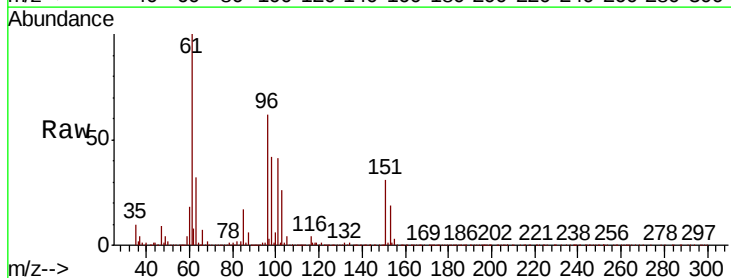
apatel
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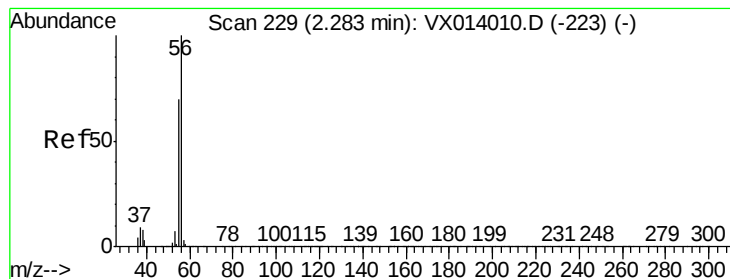


#12

1,1-Dichloroethene
Concen: 18.323 ug/l
RT: 2.36 min Scan# 242
Delta R.T. 0.00 min
Lab File: VX014016.D
Acq: 13 Dec 2019 19:45

Tgt Ion	Ratio	Lower	Upper
96	100		
61	160.5	127.9	191.9
98	67.1	50.5	75.7





#13

Acrolein

Concen: 121.123 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX014016.D

Acq: 13 Dec 2019 19:45

Instrument :

MSVOA_X

ClientSampleId :

VX1213WBSD01

Tot Ion: 56 Resp: 96843

Ion Ratio Lower Upper

56 100

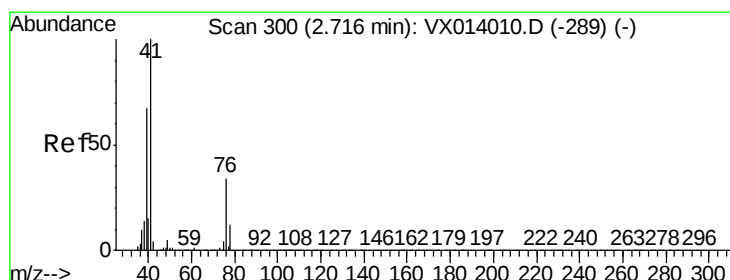
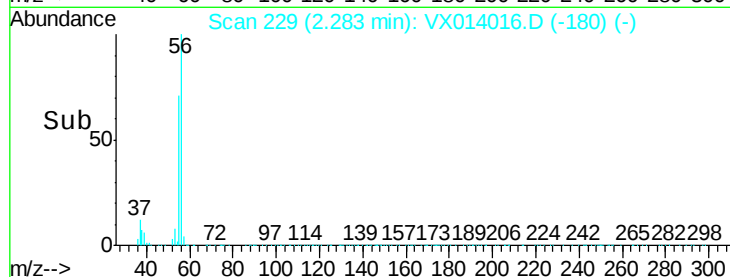
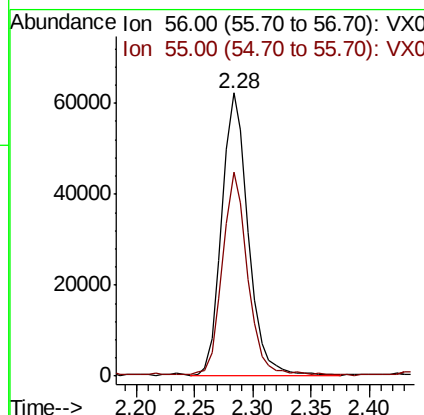
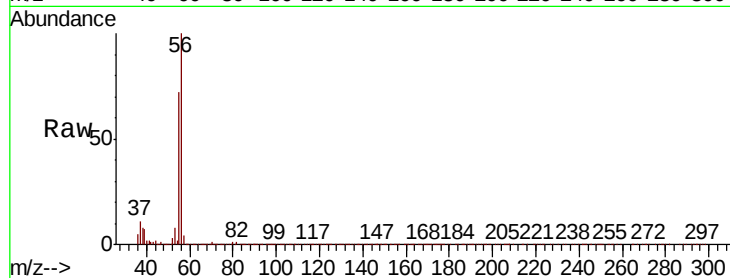
55 68.9 56.9 85.3

Manual Integrations

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#14

Allyl chloride

Concen: 18.802 ug/l

RT: 2.72 min Scan# 300

Delta R.T. 0.00 min

Lab File: VX014016.D

Acq: 13 Dec 2019 19:45

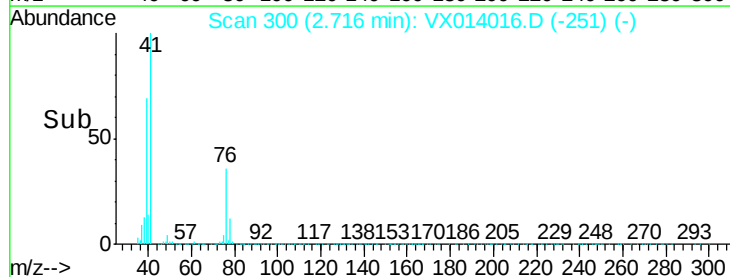
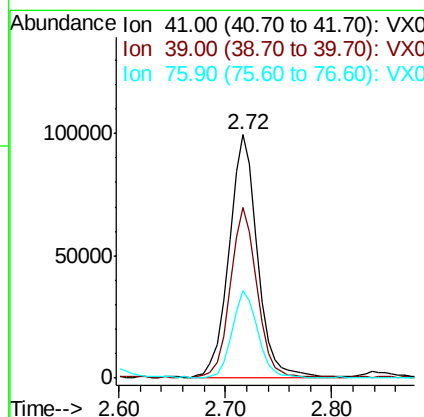
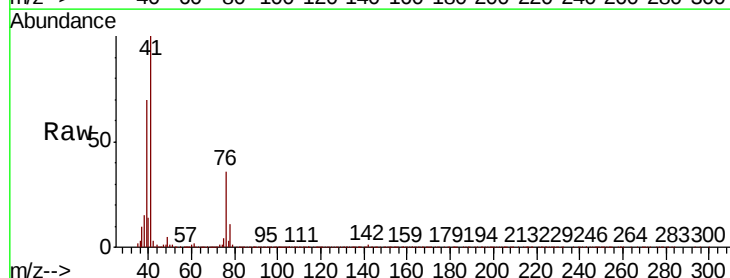
Tgt Ion: 41 Resp: 184179

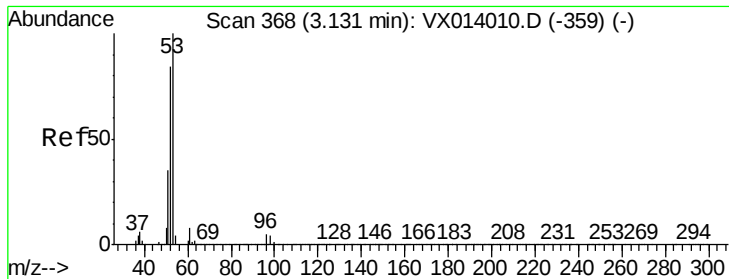
Ion Ratio Lower Upper

41 100

39 68.1 51.8 77.8

76 32.4 25.9 38.9





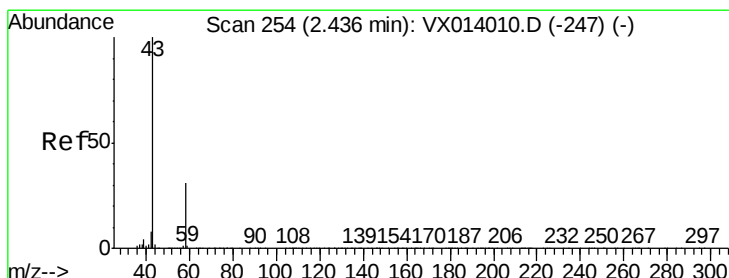
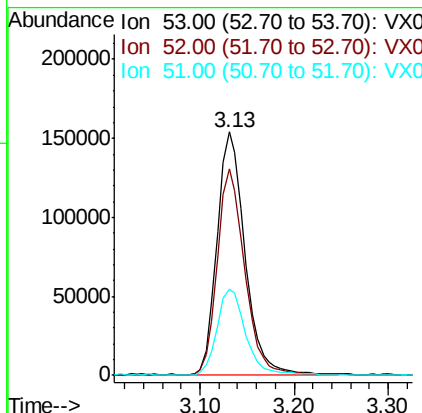
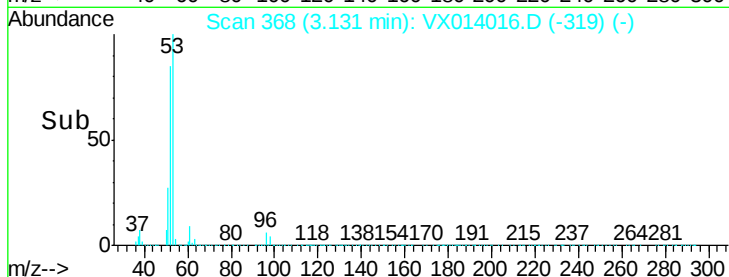
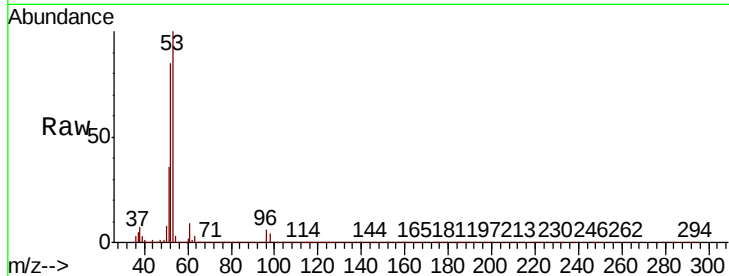
#15
 Acrylonitrile
 Concen: 97.215 ug/l
 RT: 3.13 min Scan# 368
 Delta R.T. 0.00 min
 Lab File: VX014016.D
 Acq: 13 Dec 2019 19:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1213WBSD01

Tot Ion:	53	Resp:	316932
Ion Ratio	Lower	Upper	
53	100		
52	83.1	66.5	99.7
51	36.0	28.1	42.1

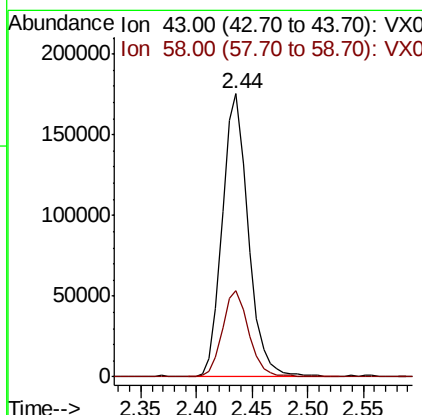
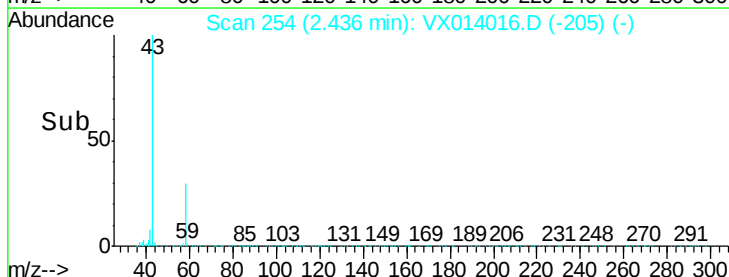
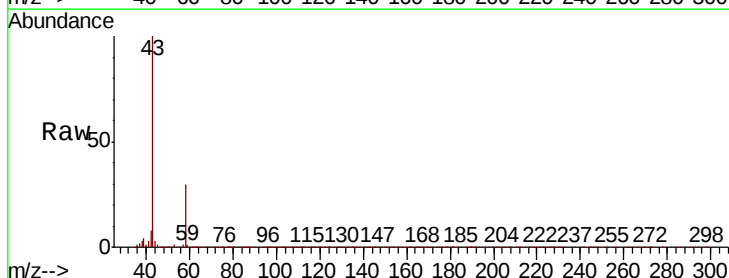
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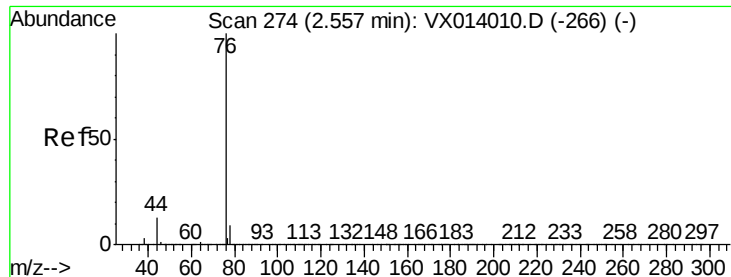
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#16
 Acetone
 Concen: 67.357 ug/l
 RT: 2.44 min Scan# 254
 Delta R.T. 0.00 min
 Lab File: VX014016.D
 Acq: 13 Dec 2019 19:45

Tgt Ion:	43	Resp:	282671
Ion Ratio	Lower	Upper	
43	100		
58	30.2	24.9	37.3





#17

Carbon Disulfide

Concen: 19.445 ug/l

RT: 2.56 min Scan# 274

Delta R.T. 0.00 min

Lab File: VX014016.D

Acq: 13 Dec 2019 19:45

Instrument :

MSVOA_X

ClientSampleId :

VX1213WBSD01

Tot Ion: 76 Resp: 289086

Ion Ratio Lower Upper

76 100

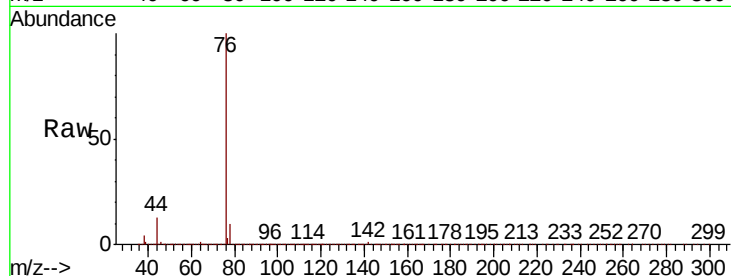
78 9.5 7.2 10.8

Manual Integrations

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.56

200000

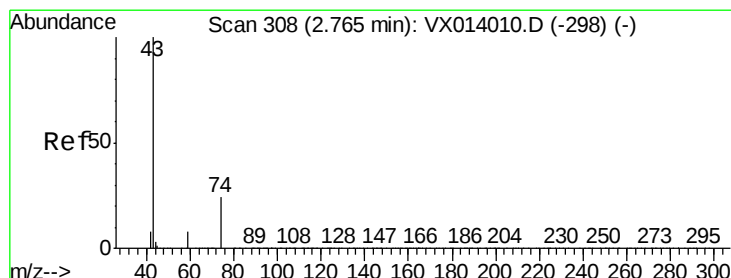
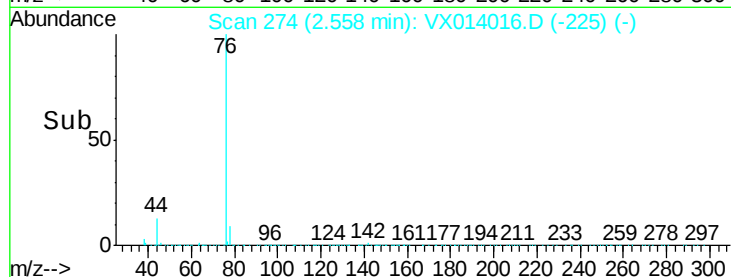
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 18.971 ug/l

RT: 2.76 min Scan# 308

Delta R.T. 0.00 min

Lab File: VX014016.D

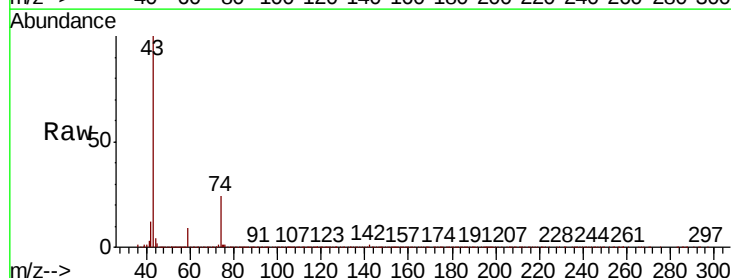
Acq: 13 Dec 2019 19:45

Tgt Ion: 43 Resp: 157758

Ion Ratio Lower Upper

43 100

74 23.6 19.5 29.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.76

100000

80000

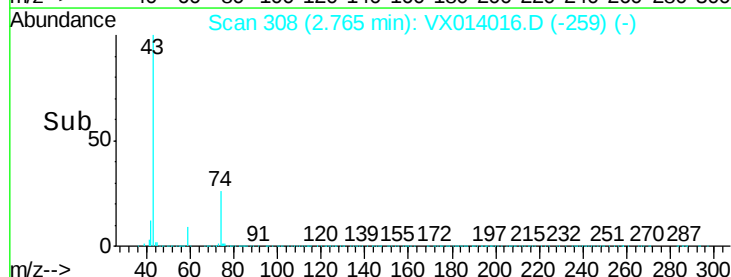
60000

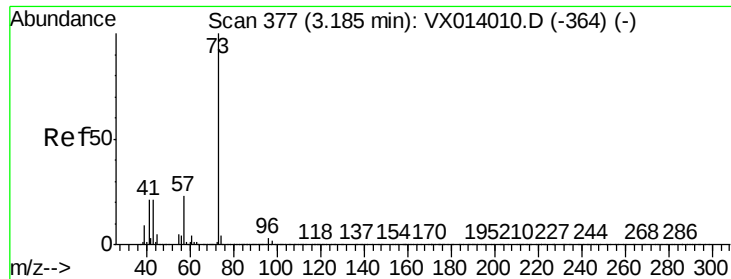
40000

20000

0

Time-->





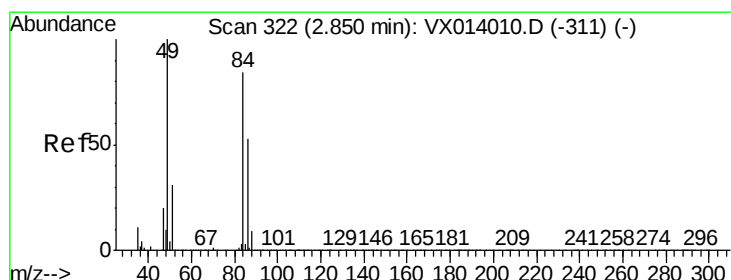
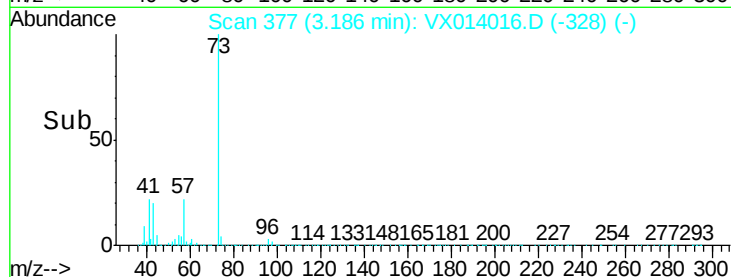
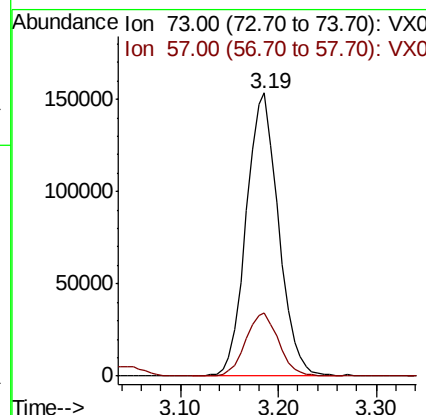
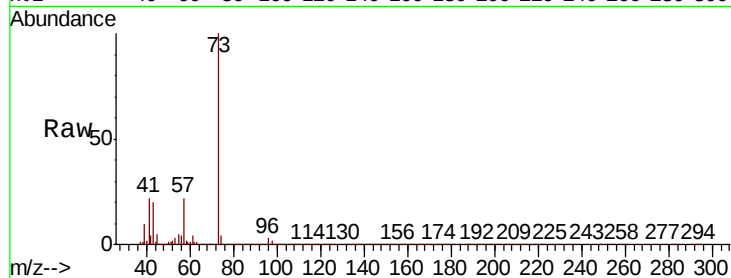
#19
Methvl tert-butvl Ether
Concen: 19.525 ug/l
RT: 3.19 min Scan# 377
Delta R.T. 0.00 min
Lab File: VX014016.D
Acq: 13 Dec 2019 19:45

Instrument :
MSVOA_X
ClientSampleId :
VX1213WBSD01

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.2	18.8	28.2

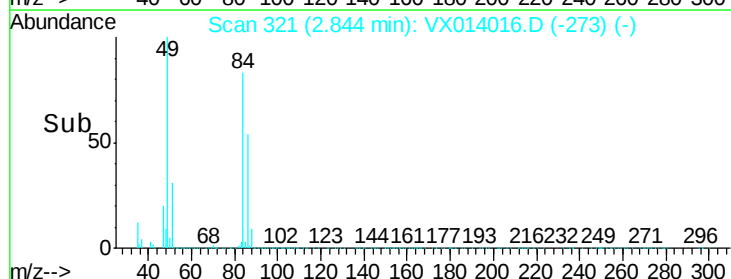
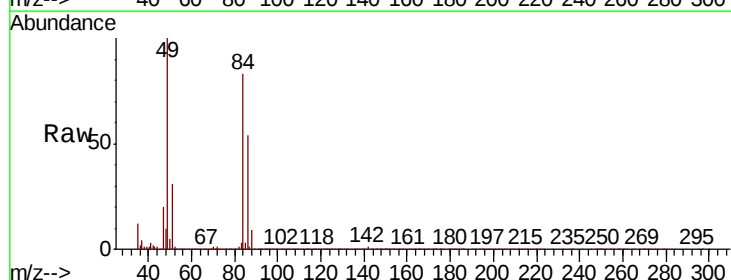
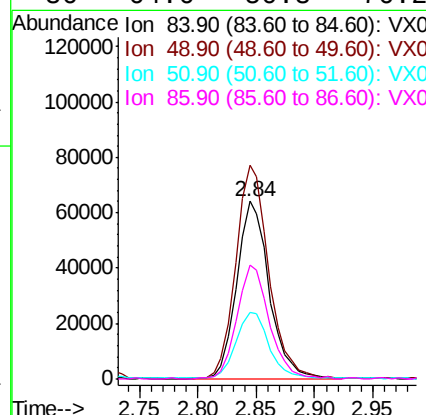
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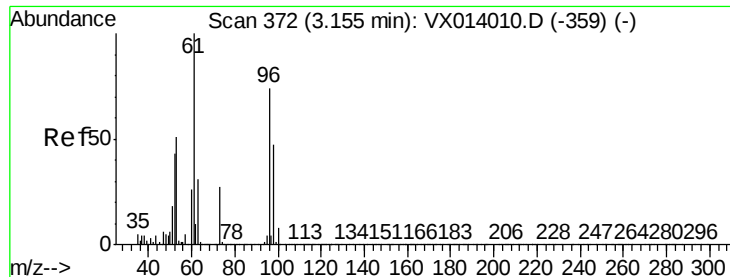
apatel
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#20
Methylene Chloride
Concen: 18.797 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.01 min
Lab File: VX014016.D
Acq: 13 Dec 2019 19:45

Tgt Ion	Ratio	Lower	Upper
84	100		
49	120.4	95.8	143.6
51	37.0	29.8	44.8
86	64.6	50.8	76.2





#21

trans-1,2-Dichloroethene

Concen: 18.521 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX014016.D

Acq: 13 Dec 2019 19:45

Instrument :

MSVOA_X

ClientSampleId :

VX1213WBSD01

Tot Ion: 96 Resp: 111948

Ion Ratio Lower Upper

96 100

61 134.8 108.3 162.5

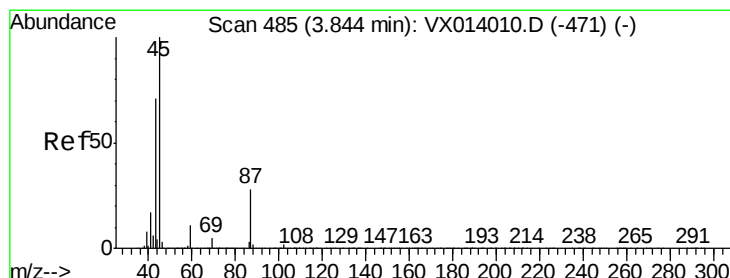
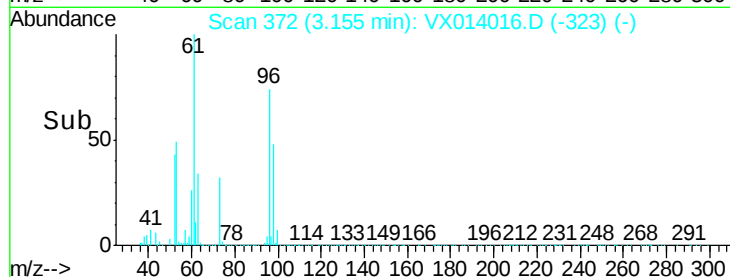
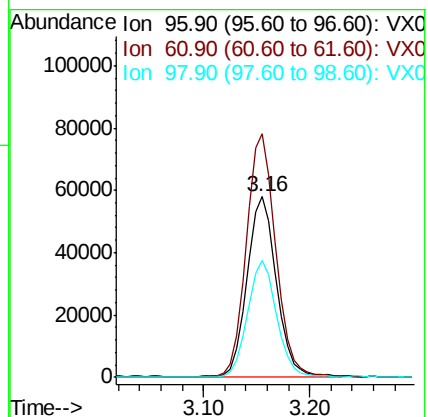
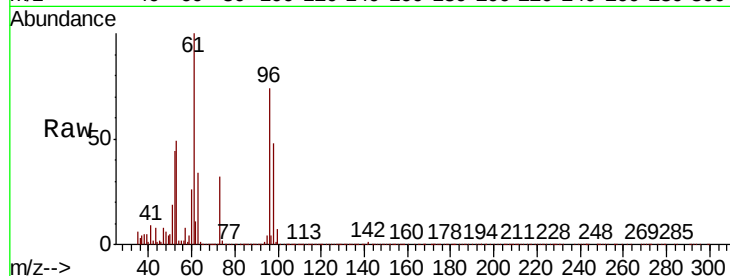
98 64.8 50.8 76.2

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#22

Diisopropyl ether

Concen: 19.646 ug/l

RT: 3.84 min Scan# 485

Delta R.T. 0.00 min

Lab File: VX014016.D

Acq: 13 Dec 2019 19:45

Tgt Ion: 45 Resp: 383491

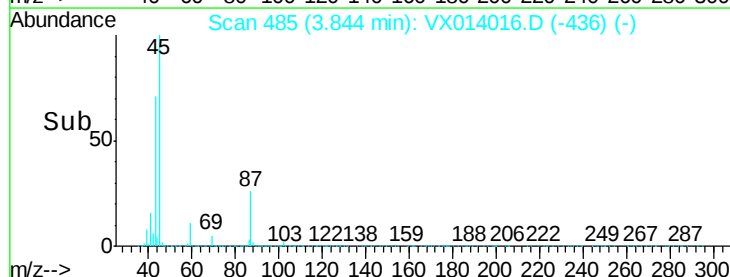
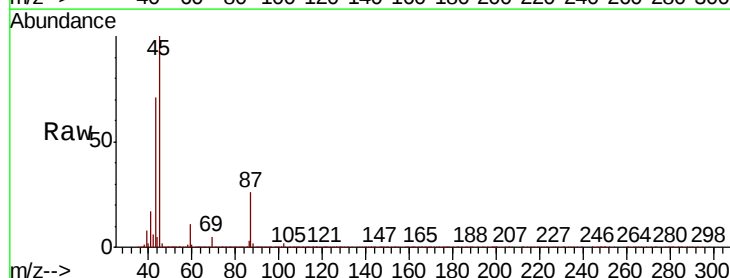
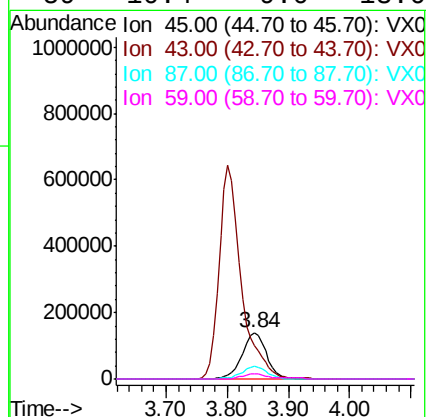
Ion Ratio Lower Upper

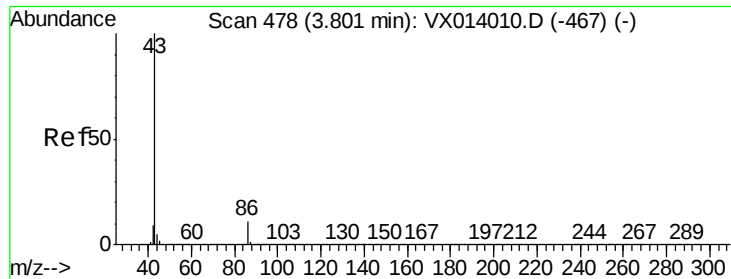
45 100

43 70.6 57.4 86.0

87 26.3 21.9 32.9

59 10.4 9.0 13.6





#23

Vinyl Acetate

Concen: 102.313 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX014016.D

Acq: 13 Dec 2019 19:45

Instrument :

MSVOA_X

ClientSampleId :

VX1213WBSD01

Tot Ion: 43 Resp: 1629828

Ion Ratio Lower Upper

43 100

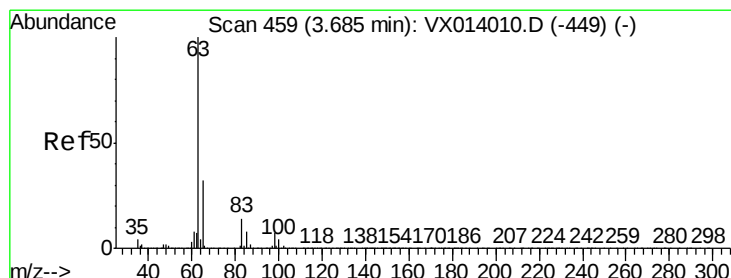
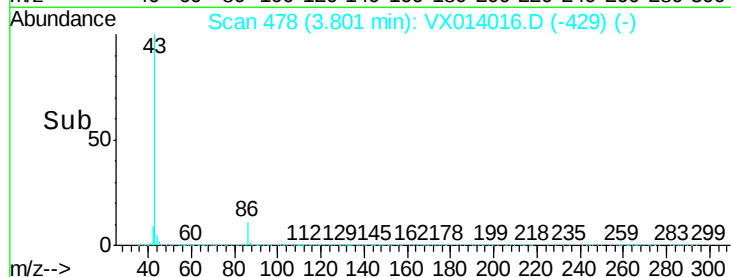
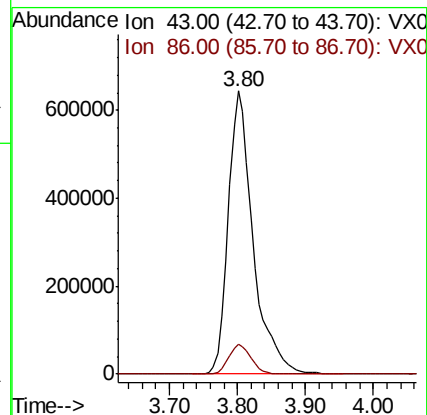
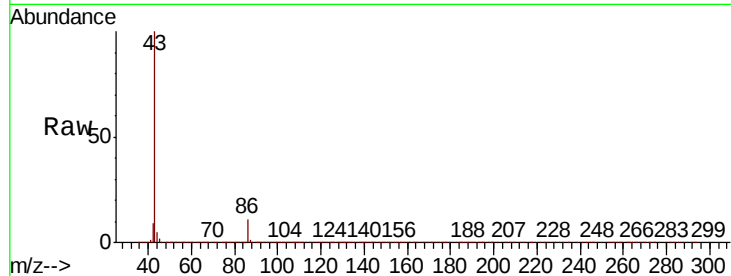
86 10.7 8.6 12.8

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#24

1,1-Dichloroethane

Concen: 18.823 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX014016.D

Acq: 13 Dec 2019 19:45

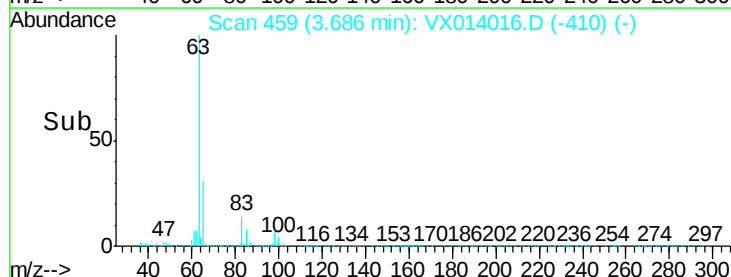
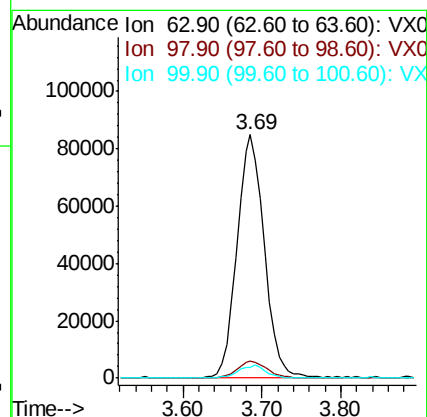
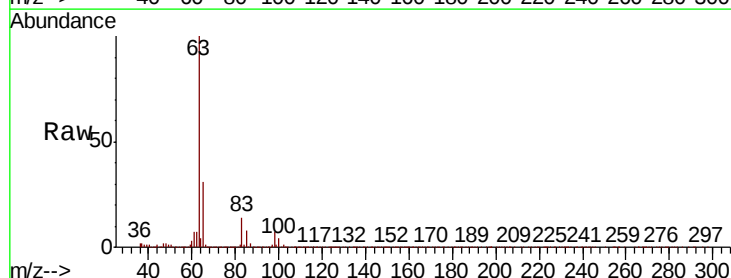
Tgt Ion: 63 Resp: 204428

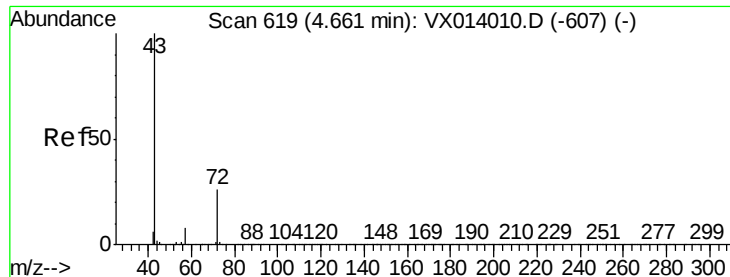
Ion Ratio Lower Upper

63 100

98 7.1 3.6 10.8

100 4.1 2.3 6.8





#25

2-Butanone

Concen: 86.050 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.00 min

Lab File: VX014016.D

Acq: 13 Dec 2019 19:45

Tot Ion: 43 Resp: 445215

Ion Ratio Lower Upper

43 100

72 27.2 21.0 31.4

Instrument :

MSVOA_X

ClientSampleId :

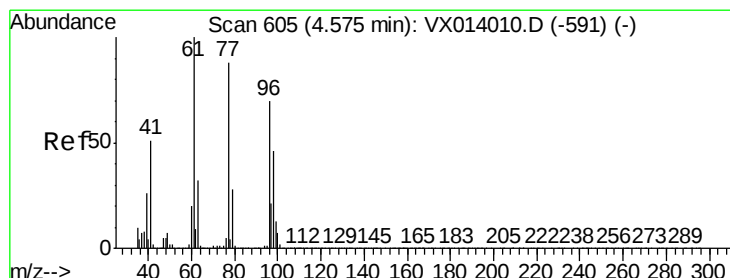
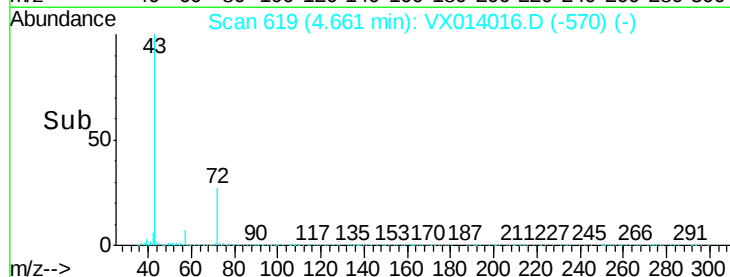
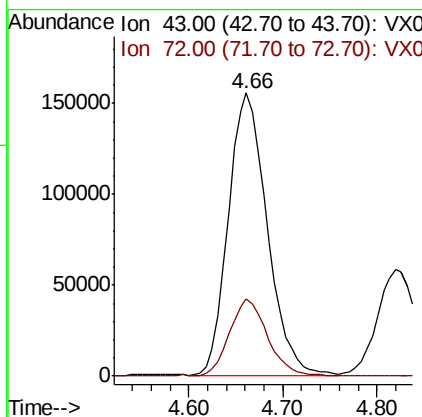
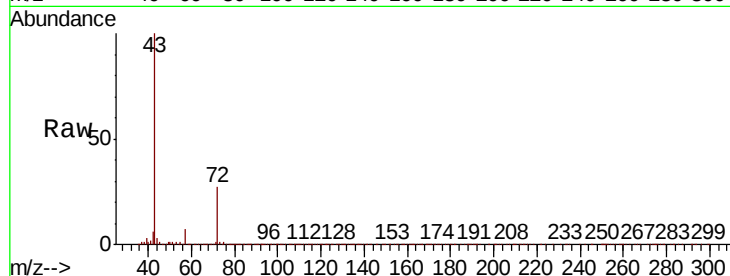
VX1213WBSD01

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#26

2,2-Dichloropropane

Concen: 18.352 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX014016.D

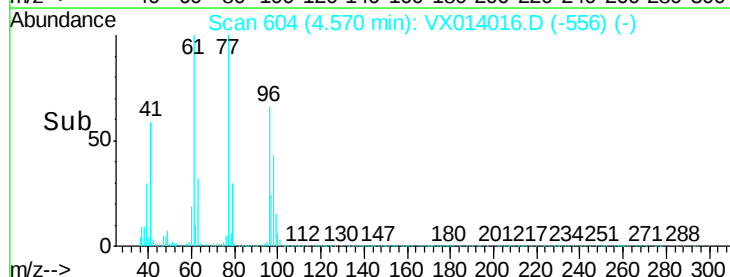
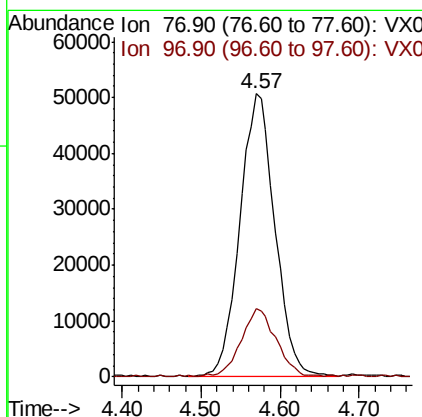
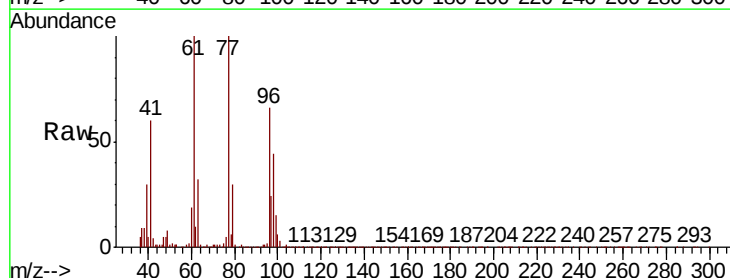
Acq: 13 Dec 2019 19:45

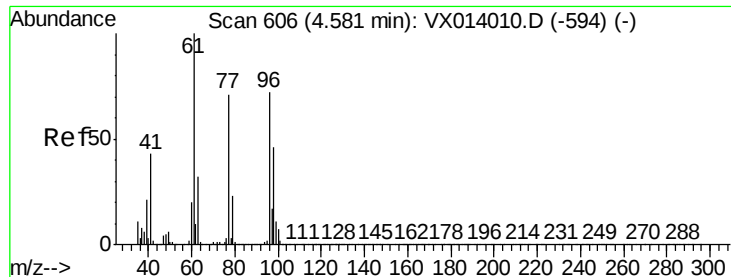
Tgt Ion: 77 Resp: 154748

Ion Ratio Lower Upper

77 100

97 23.7 11.9 35.9





#27

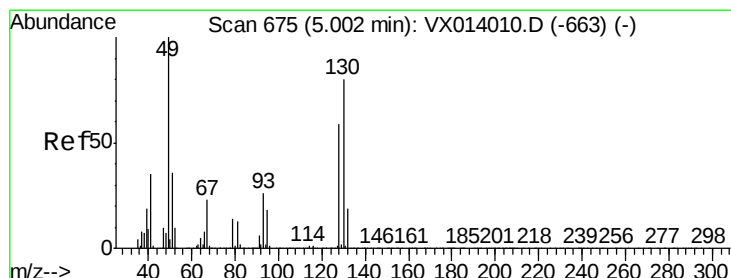
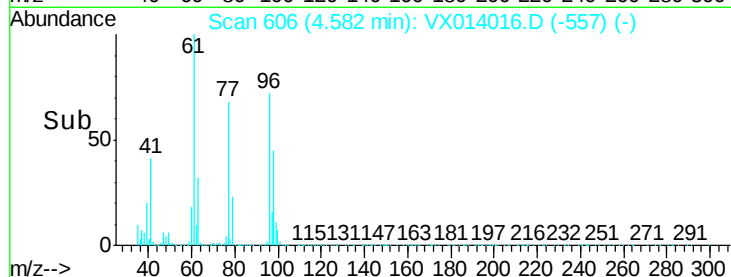
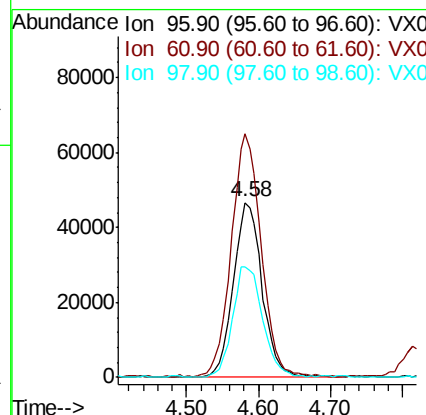
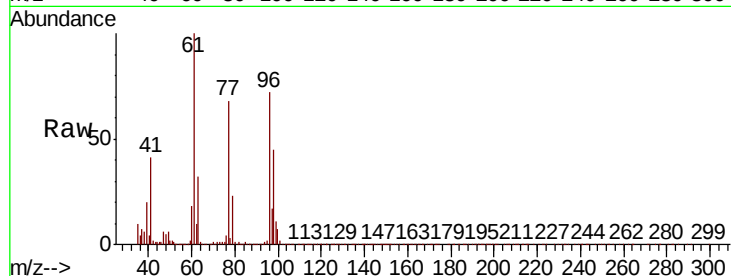
cis-1,2-Dichloroethene
Concen: 19.030 ug/l
RT: 4.58 min Scan# 606
Delta R.T. 0.00 min
Lab File: VX014016.D
Acq: 13 Dec 2019 19:45

Instrument :
MSVOA_X
ClientSampleId :
VX1213WBSD01

Tot Ion	Ratio	Lower	Upper
96	100		
61	143.1	0.0	288.4
98	65.5	0.0	129.6

Manual Integrations
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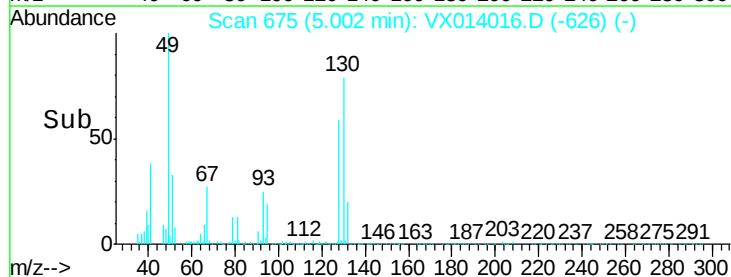
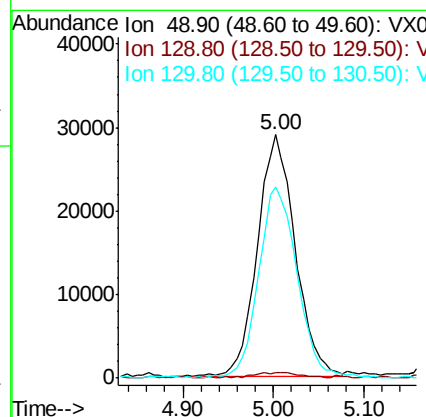
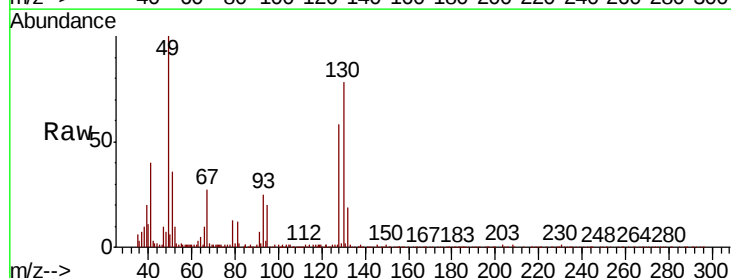
apatel
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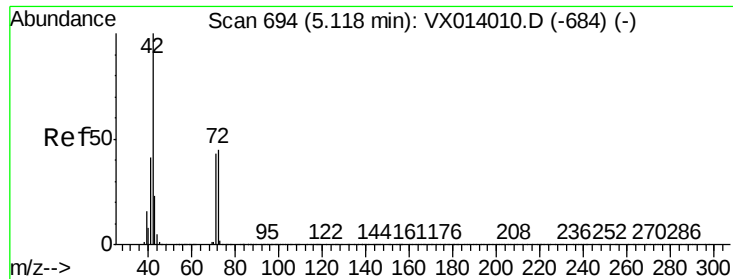


#28

Bromochloromethane
Concen: 20.241 ug/l
RT: 5.00 min Scan# 675
Delta R.T. 0.00 min
Lab File: VX014016.D
Acq: 13 Dec 2019 19:45

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.9	0.0	5.0
130	80.4	64.6	97.0





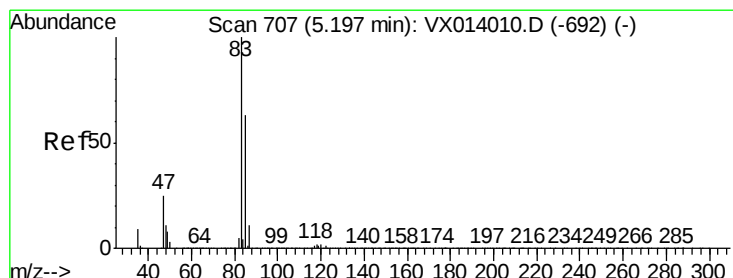
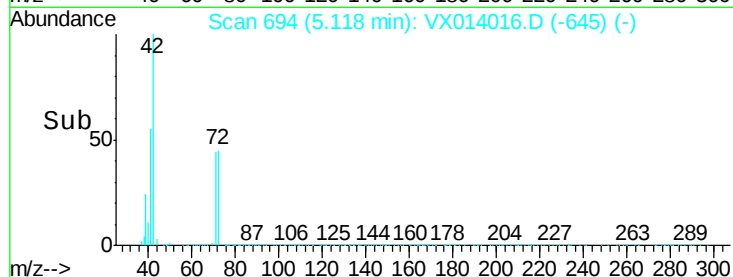
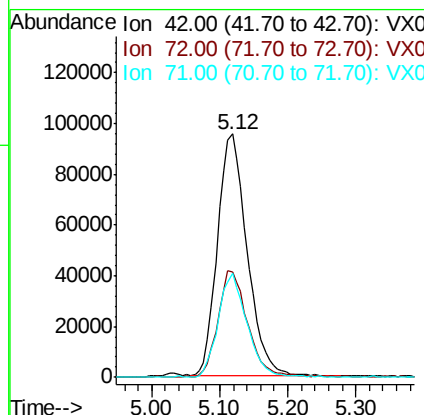
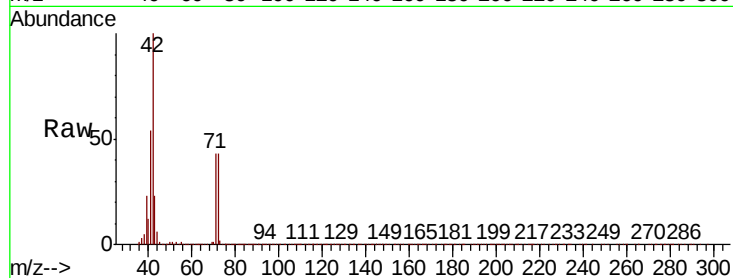
#29
Tetrahydrofuran
Concen: 99.790 ug/l
RT: 5.12 min Scan# 694
Delta R.T. 0.00 min
Lab File: VX014016.D
Acq: 13 Dec 2019 19:45

Instrument :
MSVOA_X
ClientSampleId :
VX1213WBSD01

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.0	35.8	53.8
71	41.2	33.6	50.4

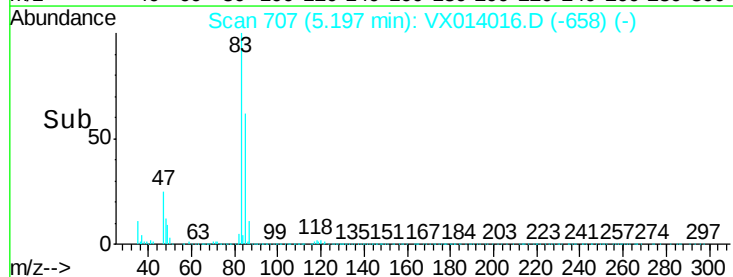
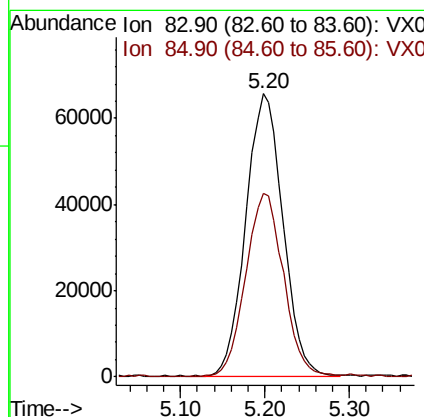
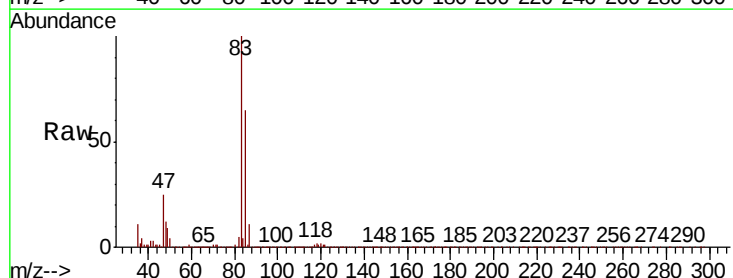
Manual Integrations
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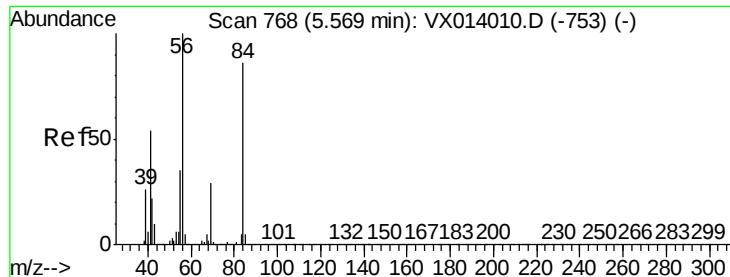
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#30
Chloroform
Concen: 19.097 ug/l
RT: 5.20 min Scan# 707
Delta R.T. 0.00 min
Lab File: VX014016.D
Acq: 13 Dec 2019 19:45

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.6	50.8	76.2





#31

Cyclohexane

Concen: 19.663 ug/l

RT: 5.57 min Scan# 768

Delta R.T. 0.00 min

Lab File: VX014016.D

Acq: 13 Dec 2019 19:45

Instrument :

MSVOA_X

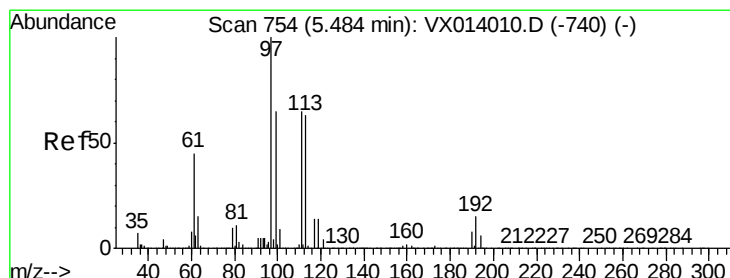
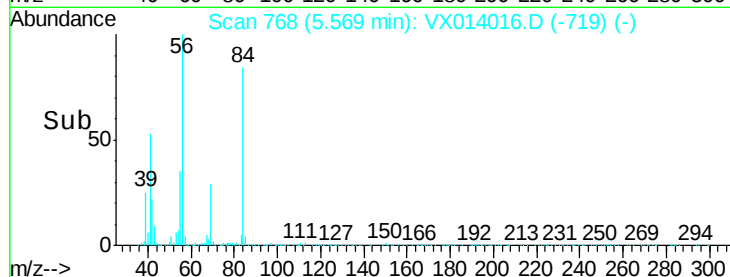
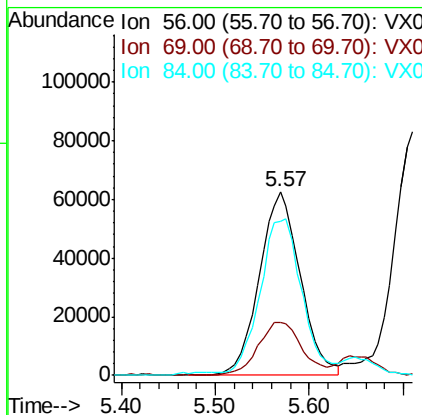
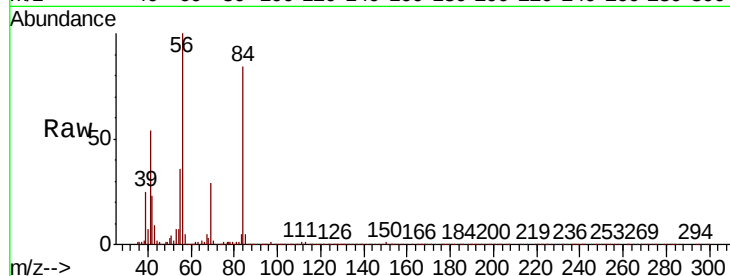
ClientSampleId :

VX1213WBSD01

Tot Ion	56	Resp	189934
Ion Ratio	Lower	Upper	
56	100		
69	28.2	23.2	34.8
84	83.1	69.2	103.8

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#32

1,1,1-Trichloroethane

Concen: 19.262 ug/l

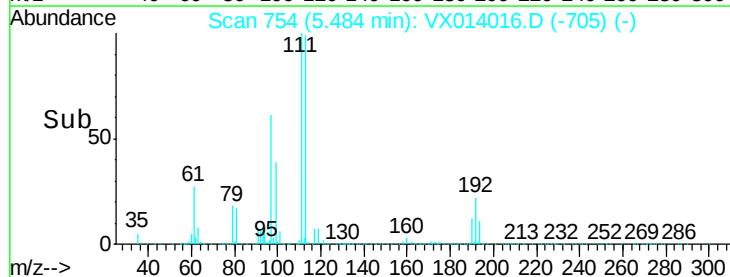
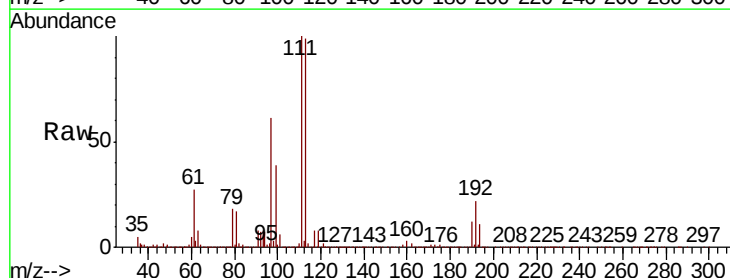
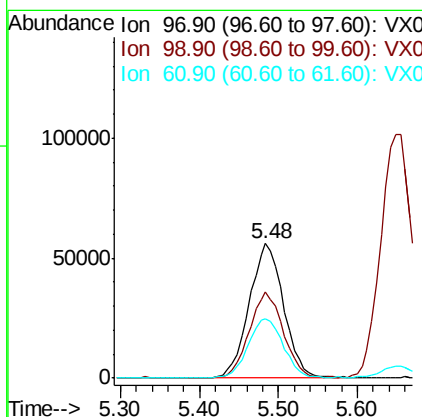
RT: 5.48 min Scan# 754

Delta R.T. 0.00 min

Lab File: VX014016.D

Acq: 13 Dec 2019 19:45

Tgt Ion	97	Resp	169012
Ion Ratio	Lower	Upper	
97	100		
99	63.2	52.0	78.0
61	44.0	36.7	55.1





#33

1,2-Dichloroethane-d4

Concen: 50.172 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX014016.D

Acq: 13 Dec 2019 19:45

Instrument :

MSVOA_X

ClientSampleId :

VX1213WBSD01

Tot Ion: 65 Resp: 324320

Ion Ratio Lower Upper

65 100

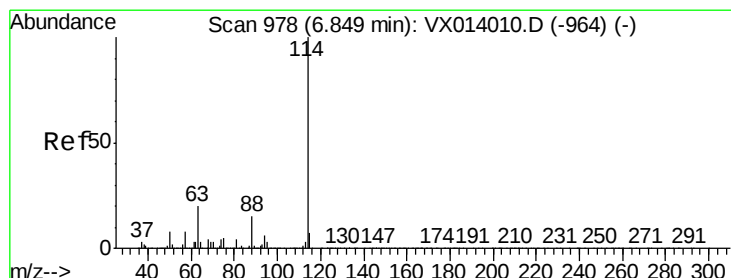
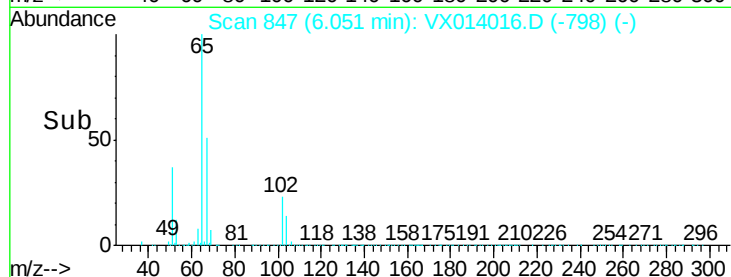
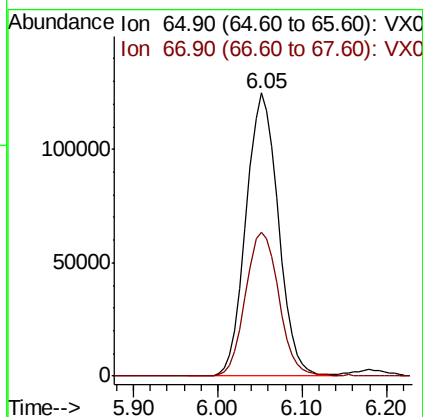
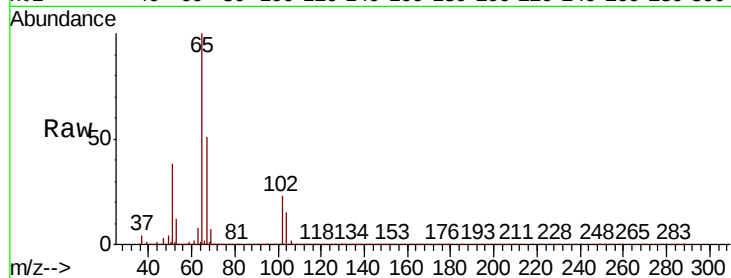
67 52.2 0.0 106.4

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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: VX014016.D

Acq: 13 Dec 2019 19:45

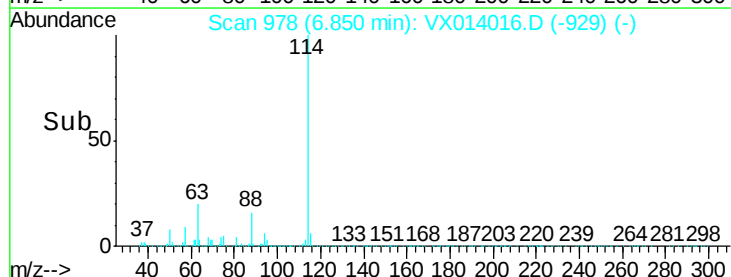
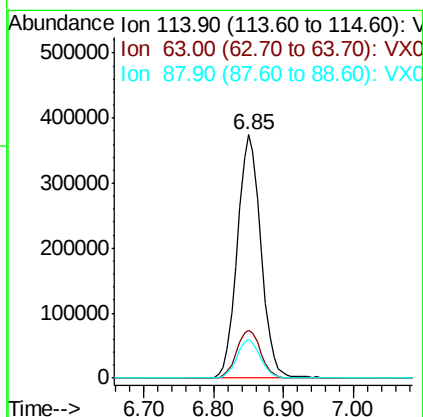
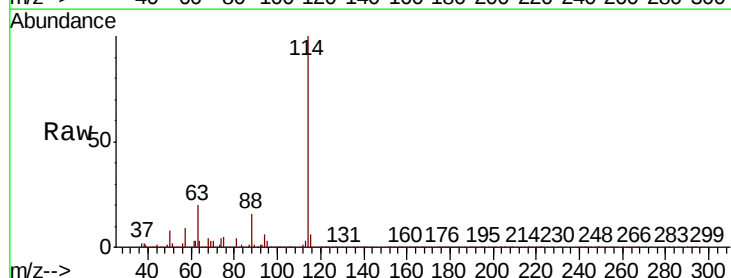
Tgt Ion: 114 Resp: 874952

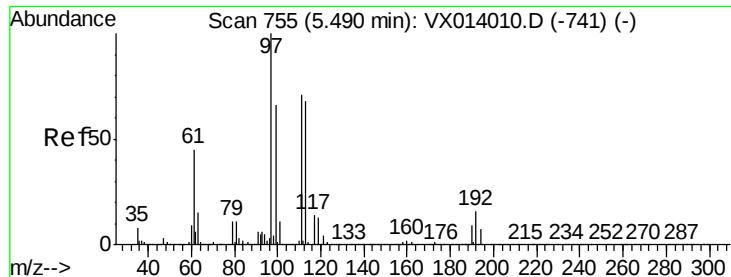
Ion Ratio Lower Upper

114 100

63 19.7 0.0 40.8

88 15.8 0.0 30.4





#35

Dibromofluoromethane

Concen: 49.738 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX014016.D

Acq: 13 Dec 2019 19:45

Instrument :

MSVOA_X

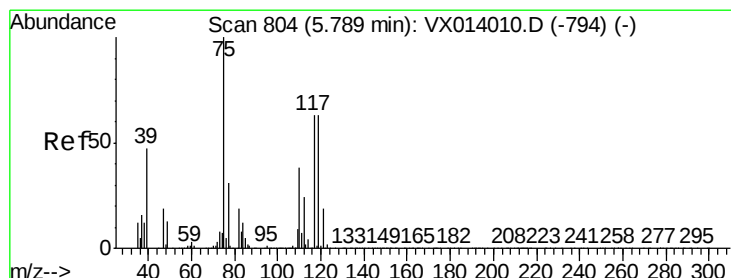
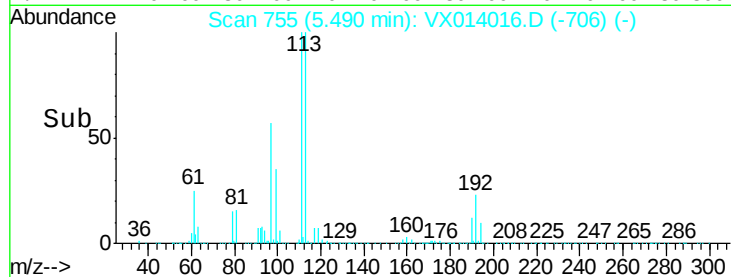
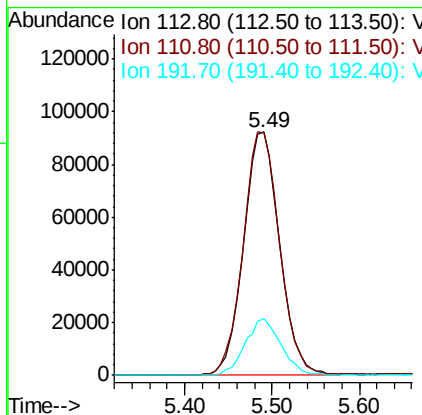
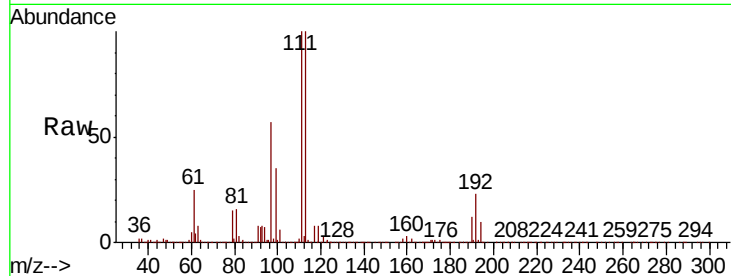
ClientSampleId :

VX1213WBSD01

Tot Ion:	113	Resp:	264544
Ion Ratio	Lower	Upper	
113	100		
111	101.0	82.0	123.0
192	23.3	19.3	28.9

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#36

1,1-Dichloropropene

Concen: 18.921 ug/l

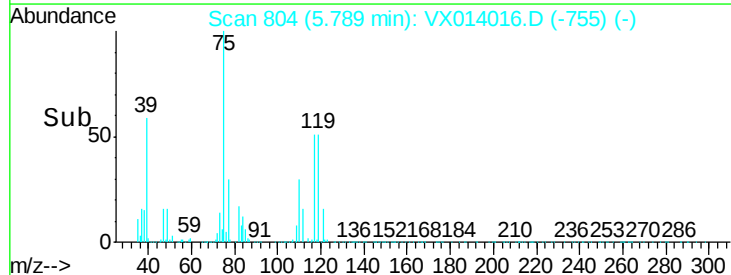
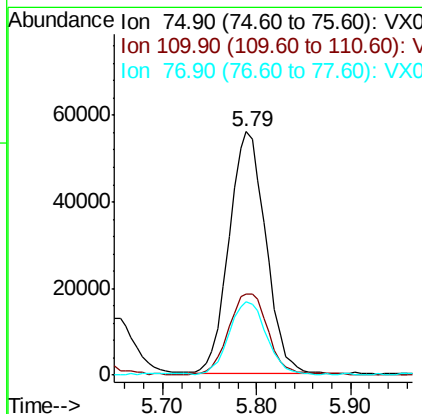
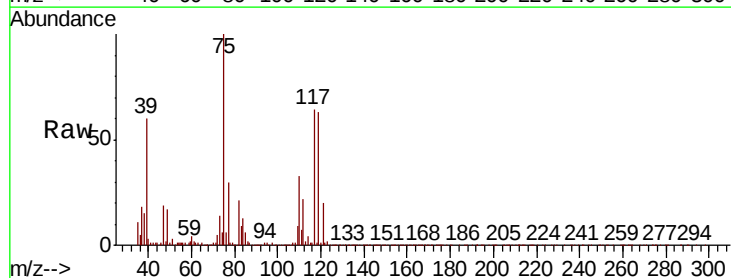
RT: 5.79 min Scan# 804

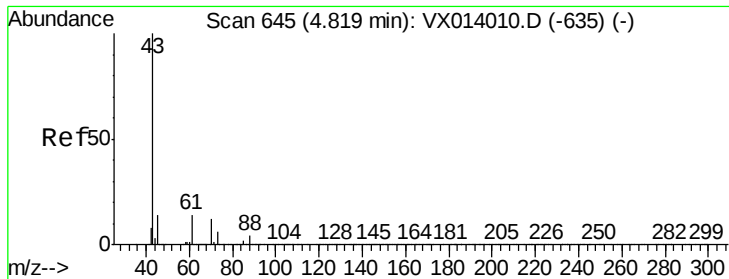
Delta R.T. 0.00 min

Lab File: VX014016.D

Acq: 13 Dec 2019 19:45

Tgt Ion:	75	Resp:	151898
Ion Ratio	Lower	Upper	
75	100		
110	35.8	18.3	54.9
77	30.2	24.8	37.2





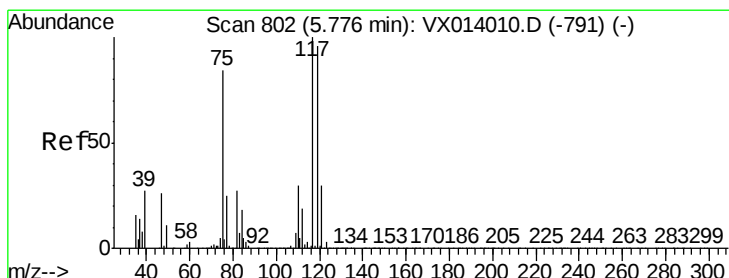
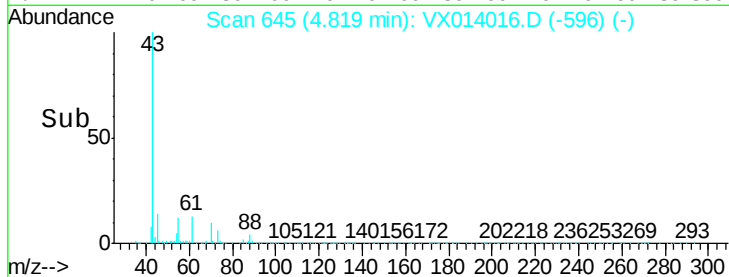
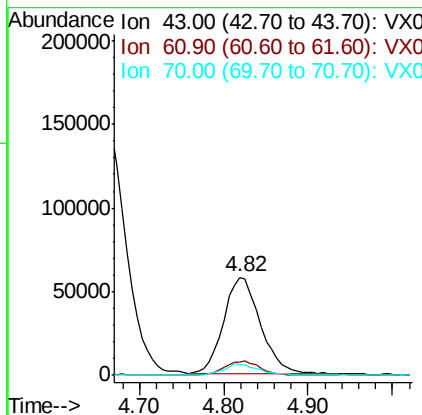
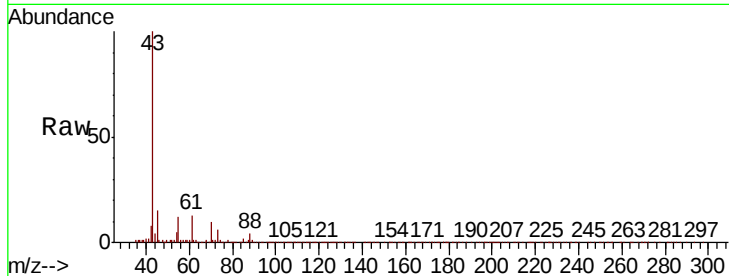
#37
Ethyl Acetate
Concen: 19.530 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX014016.D
Acq: 13 Dec 2019 19:45

Instrument :
MSVOA_X
ClientSampleId :
VX1213WBSD01

Tot Ion	43	Resp	173142
Ion Ratio	Lower	Upper	
43	100		
61	13.8	10.8	16.2
70	10.4	8.6	12.8

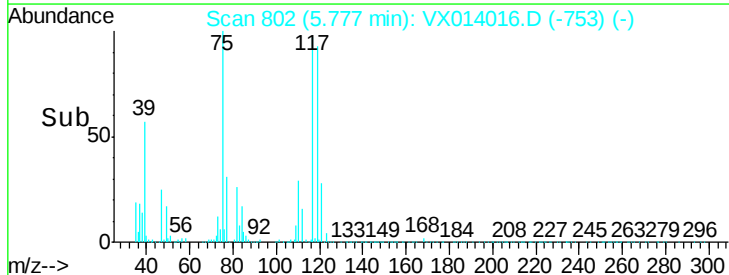
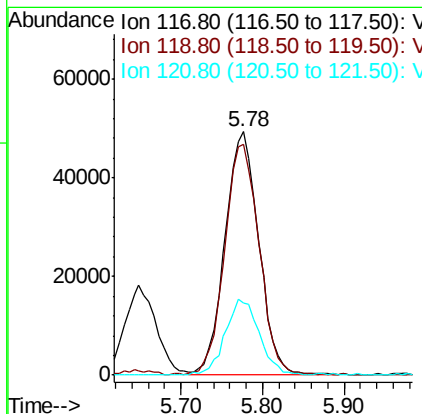
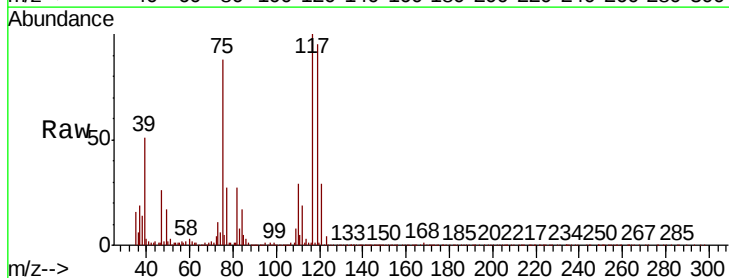
Manual Integrations
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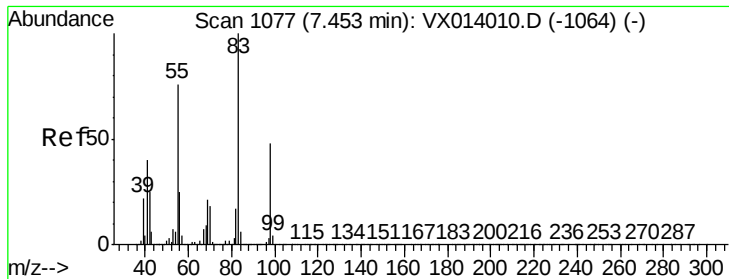
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#38
Carbon Tetrachloride
Concen: 19.134 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX014016.D
Acq: 13 Dec 2019 19:45

Tgt Ion	117	Resp	139936
Ion Ratio	Lower	Upper	
117	100		
119	95.0	76.2	114.4
121	29.3	23.6	35.4





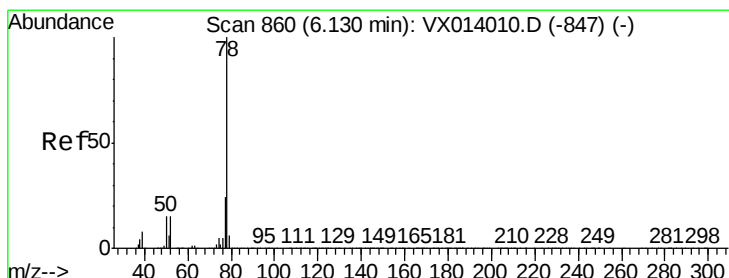
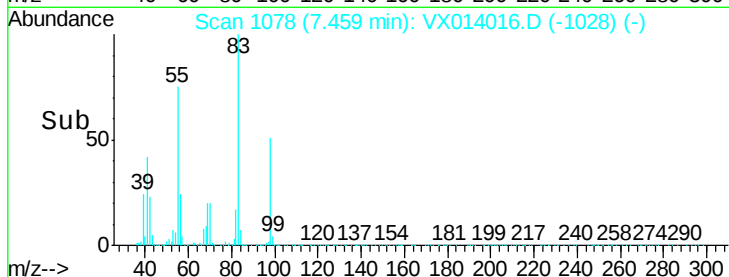
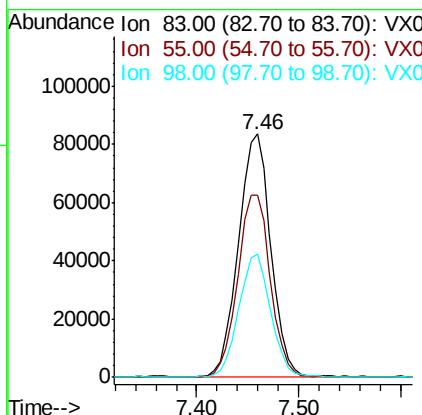
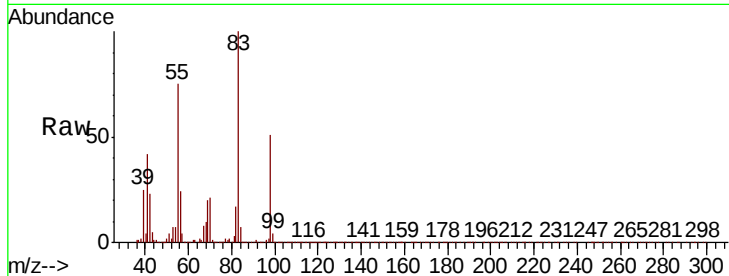
#39
Methvlcvclohexane
Concen: 18.551 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.01 min
Lab File: VX014016.D
Acq: 13 Dec 2019 19:45

Instrument :
MSVOA_X
ClientSampleId :
VX1213WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
83	100	183891		
55	74.8	61.0	91.6	
98	50.5	38.6	57.8	

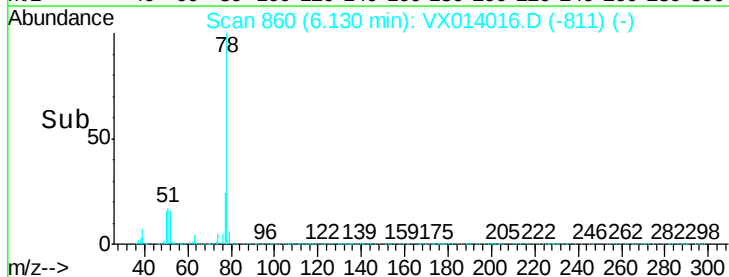
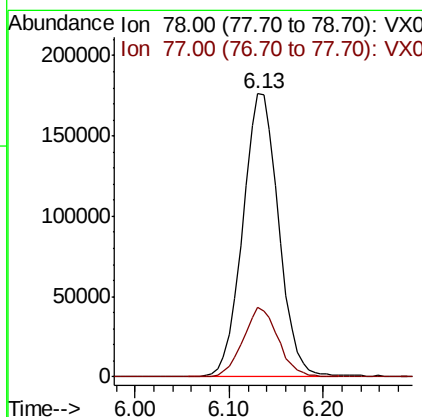
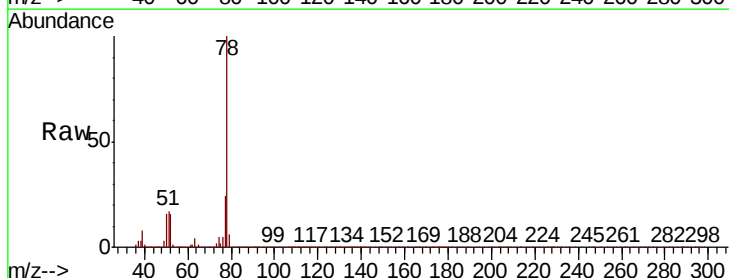
Manual Integrations
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#40
Benzene
Concen: 18.859 ug/l
RT: 6.13 min Scan# 860
Delta R.T. 0.00 min
Lab File: VX014016.D
Acq: 13 Dec 2019 19:45

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	465839		
77	24.3	18.8	28.2	





#41

Methacrylonitrile

Concen: 19.914 ug/l

RT: 5.03 min Scan# 679

Delta R.T. -0.01 min

Lab File: VX014016.D

Acq: 13 Dec 2019 19:45

Instrument :

MSVOA_X

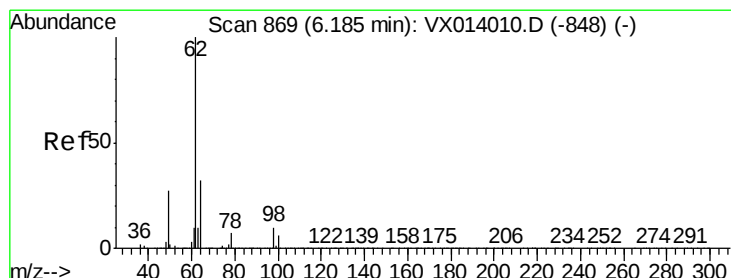
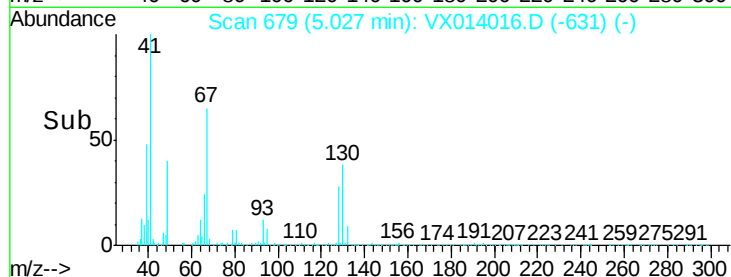
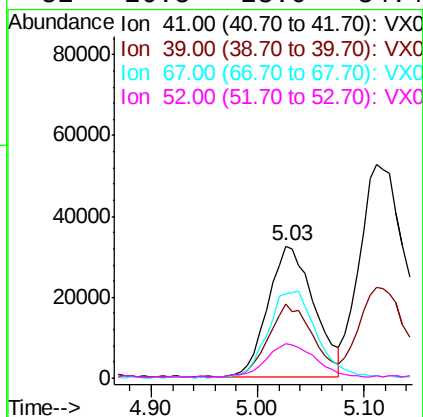
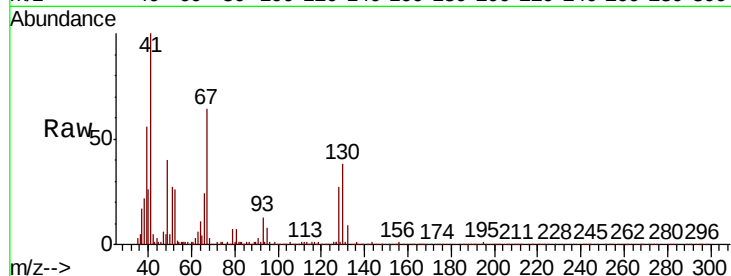
ClientSampleId :

VX1213WBSD01

Tot Ion	Ratio	Lower	Upper
41	100		
39	53.0	44.5	66.7
67	69.4	57.4	86.0
52	26.5	23.0	34.4

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#42

1,2-Dichloroethane

Concen: 19.412 ug/l

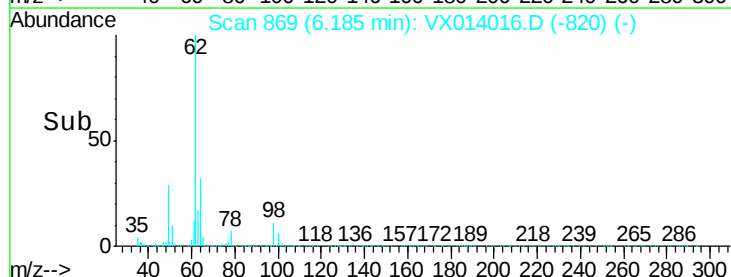
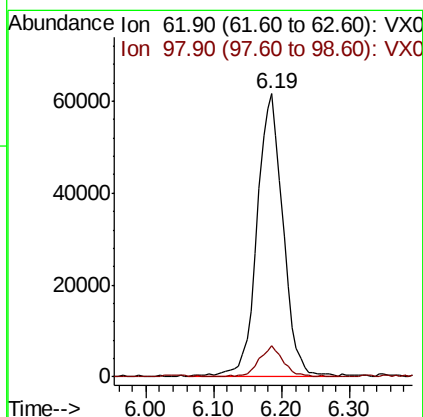
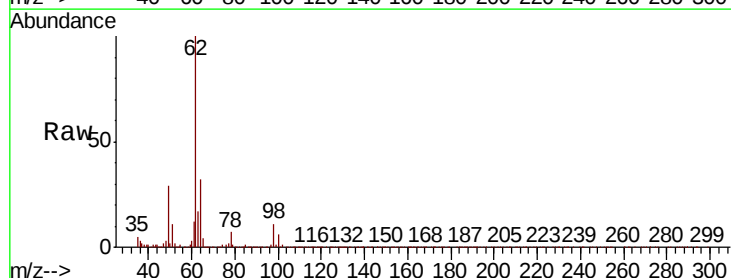
RT: 6.19 min Scan# 869

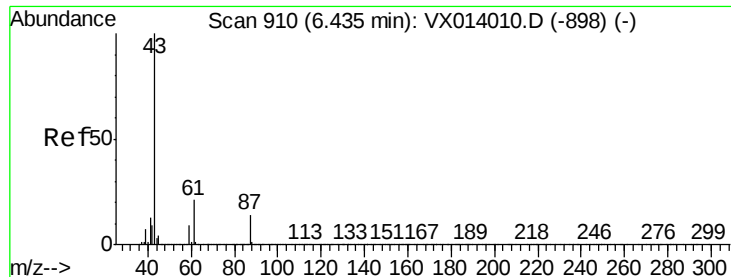
Delta R.T. 0.00 min

Lab File: VX014016.D

Acq: 13 Dec 2019 19:45

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.1	0.0	21.0





#43

Isopropyl Acetate

Concen: 19.468 ug/l

RT: 6.44 min Scan# 910

Delta R.T. 0.00 min

Lab File: VX014016.D

Acq: 13 Dec 2019 19:45

Instrument :

MSVOA_X

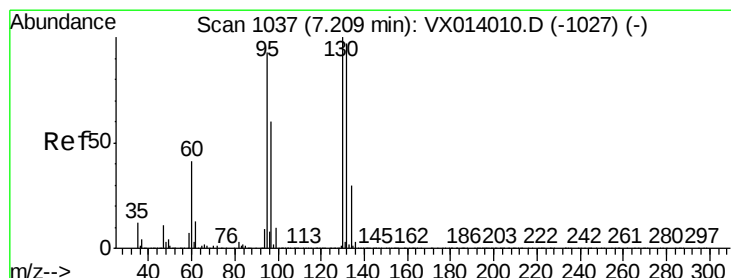
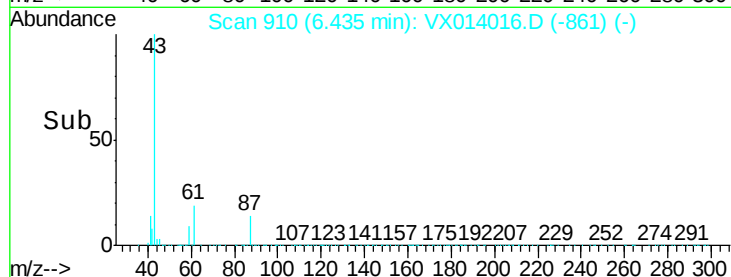
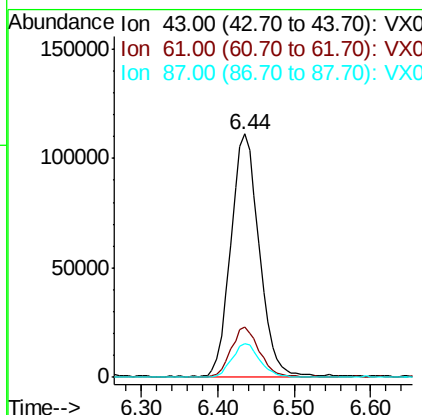
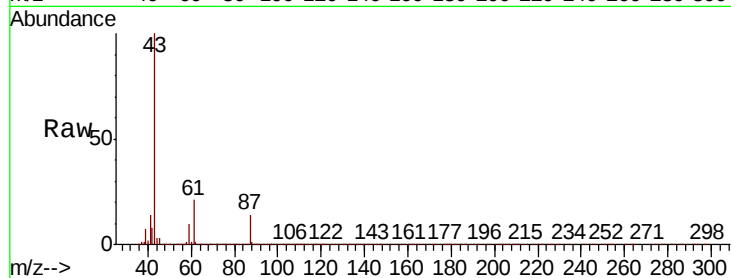
ClientSampleId :

VX1213WBSD01

Tot Ion	43	Resp	285625
Ion Ratio	Lower	Upper	
43	100		
61	20.7	16.4	24.6
87	13.7	10.7	16.1

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#44

Trichloroethene

Concen: 18.115 ug/l

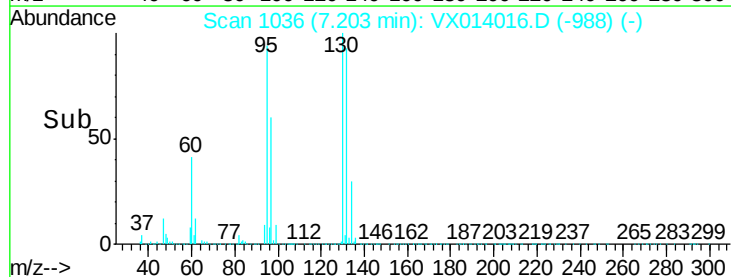
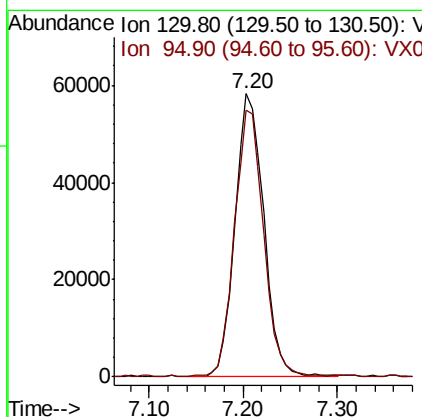
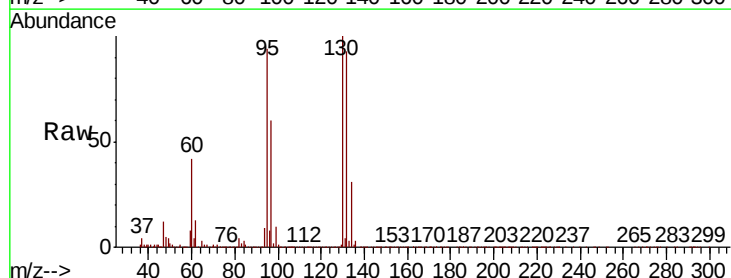
RT: 7.20 min Scan# 1036

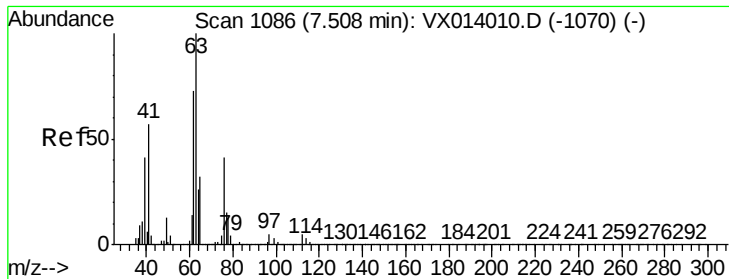
Delta R.T. -0.01 min

Lab File: VX014016.D

Acq: 13 Dec 2019 19:45

Tgt Ion	130	Resp	123595
Ion Ratio	Lower	Upper	
130	100		
95	93.9	0.0	185.6





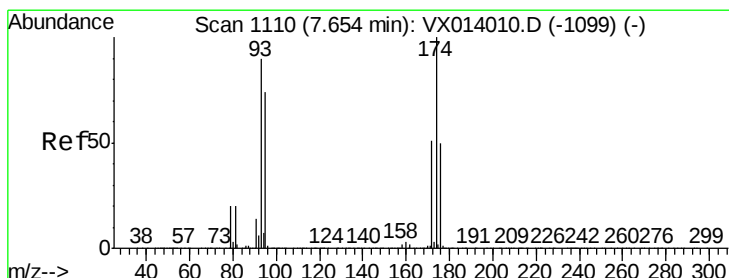
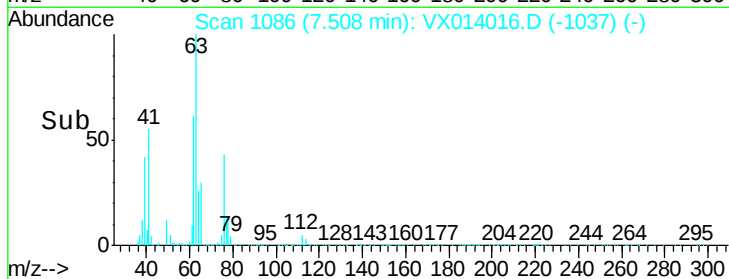
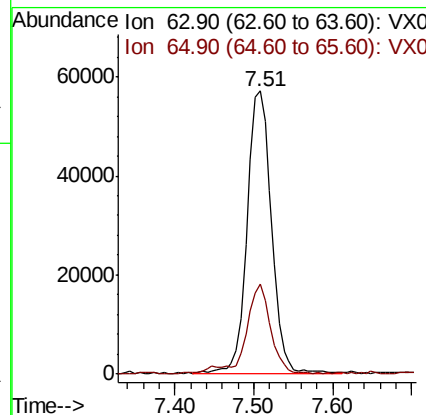
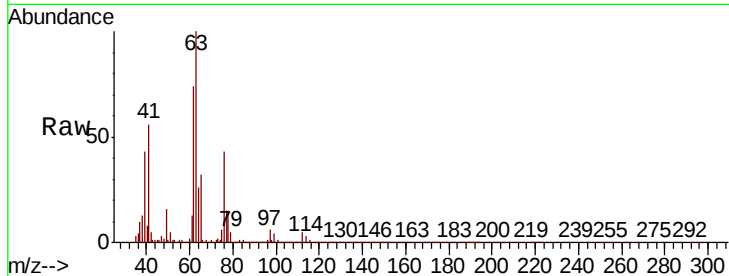
#45
 1,2-Dichloropropane
 Concen: 19.219 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: VX014016.D
 Acq: 13 Dec 2019 19:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1213WBSD01

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.3	25.8	38.8

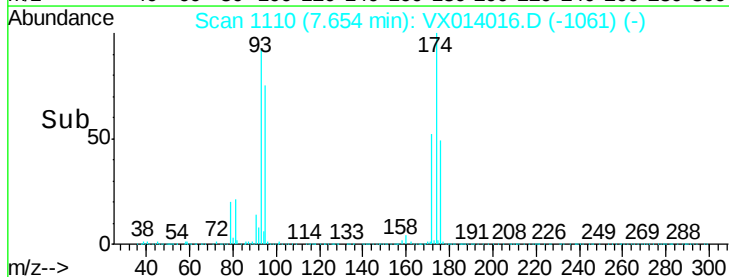
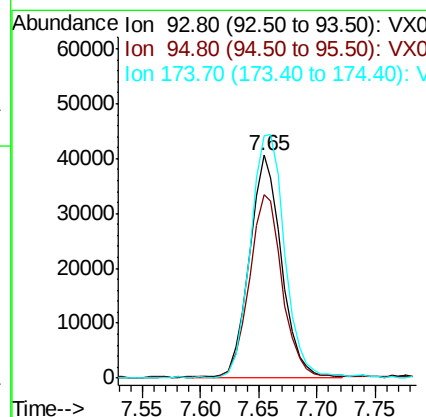
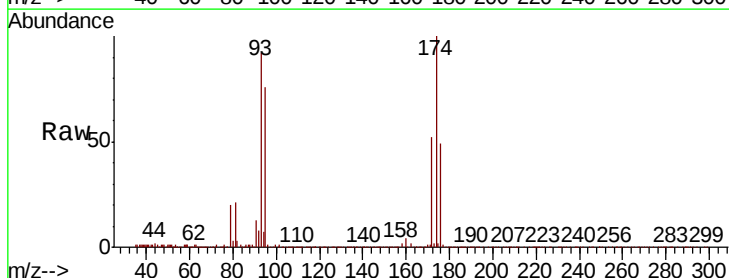
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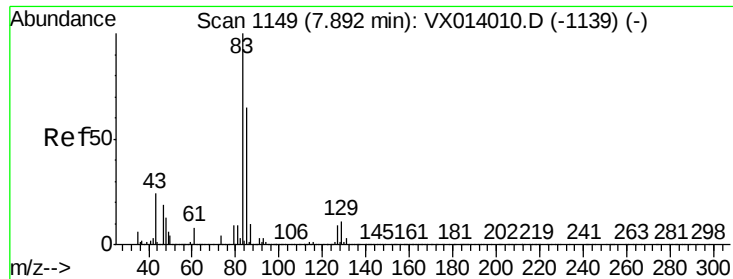
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#46
 Dibromomethane
 Concen: 18.488 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX014016.D
 Acq: 13 Dec 2019 19:45

Tgt Ion	Ratio	Lower	Upper
93	100		
95	84.1	67.3	100.9
174	117.2	91.6	137.4





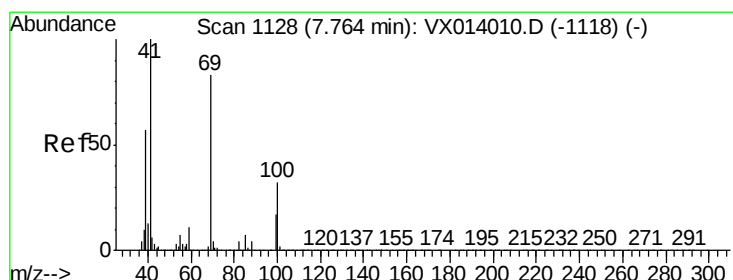
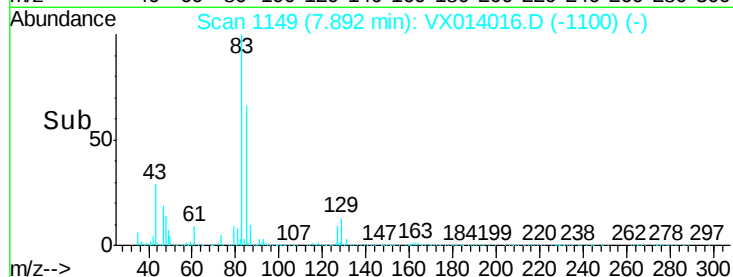
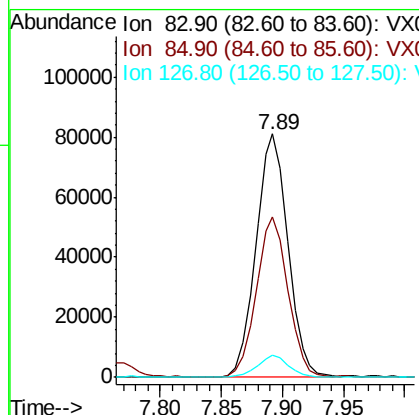
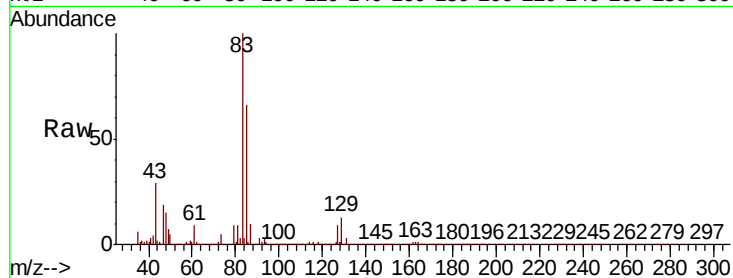
#47
Bromodichloromethane
Concen: 18.599 ug/l
RT: 7.89 min Scan# 1149
Delta R.T. 0.00 min
Lab File: VX014016.D
Acq: 13 Dec 2019 19:45

Instrument :
MSVOA_X
ClientSampleId :
VX1213WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
83	100	146629		
85	65.4	51.8	77.8	
127	8.8	7.0	10.4	

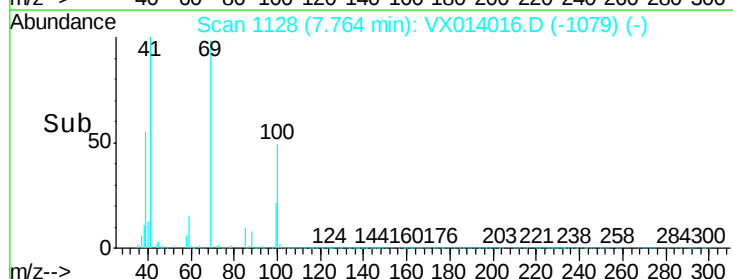
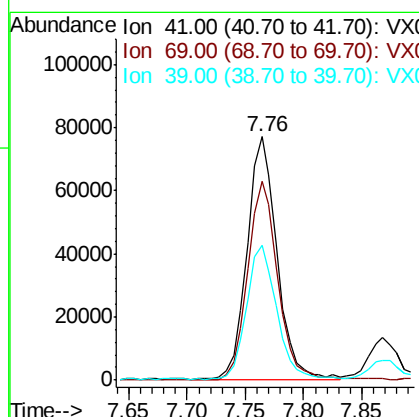
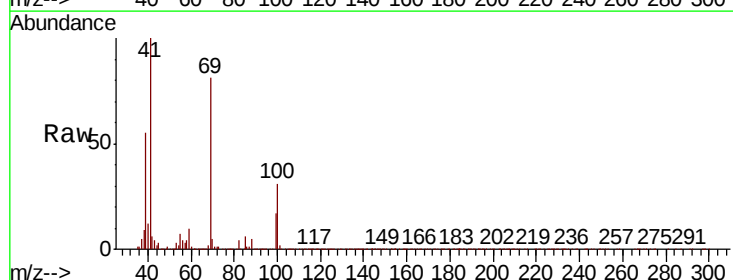
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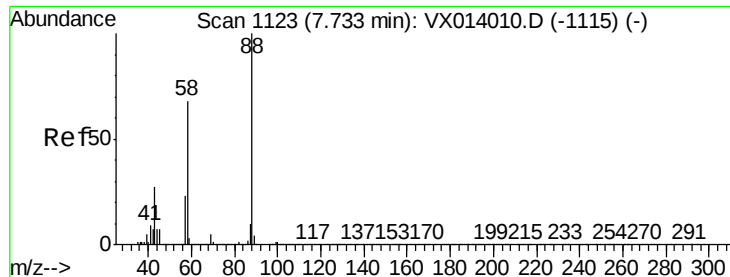
apatel
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#48
Methyl methacrylate
Concen: 19.257 ug/l
RT: 7.76 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX014016.D
Acq: 13 Dec 2019 19:45

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	138351		
69	81.8	65.8	98.6	
39	56.0	44.6	67.0	





#49

1,4-Dioxane

Concen: 389.587 ug/l

RT: 7.73 min Scan# 1123

Delta R.T. 0.00 min

Lab File: VX014016.D

Acq: 13 Dec 2019 19:45

Instrument :

MSVOA_X

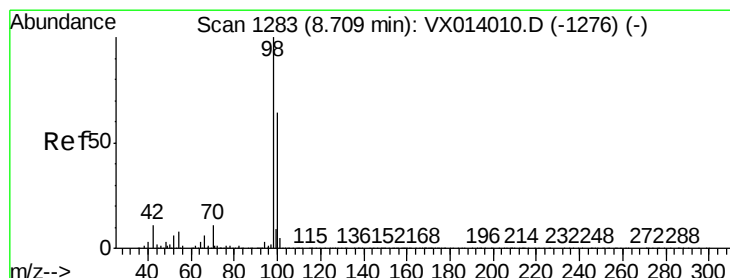
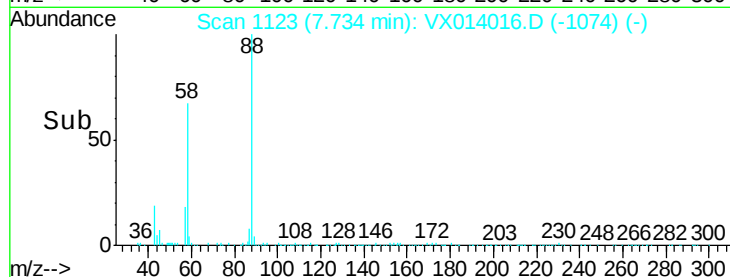
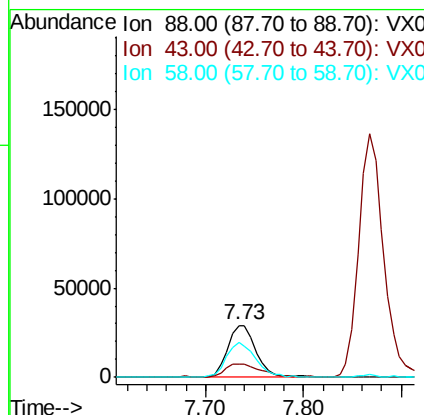
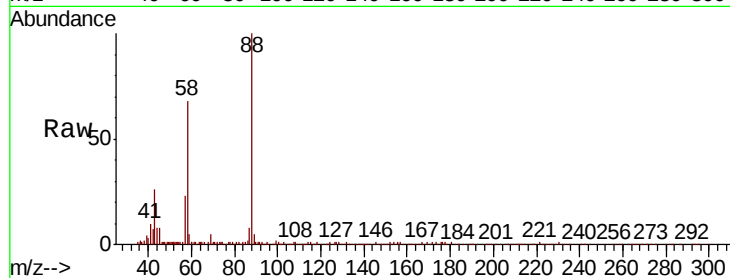
ClientSampleId :

VX1213WBSD01

Tot Ion:	88	Resp:	56959
Ion Ratio	Lower	Upper	
88	100		
43	31.8	26.5	39.7
58	71.3	56.8	85.2

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#50

Toluene-d8

Concen: 49.921 ug/l

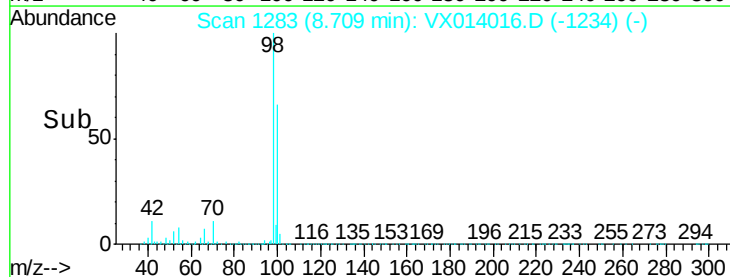
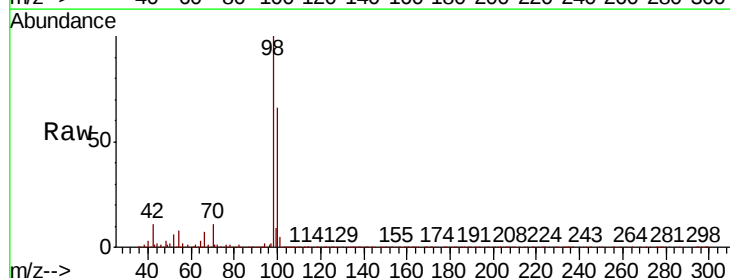
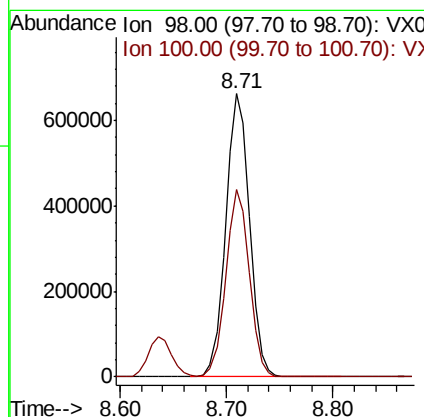
RT: 8.71 min Scan# 1283

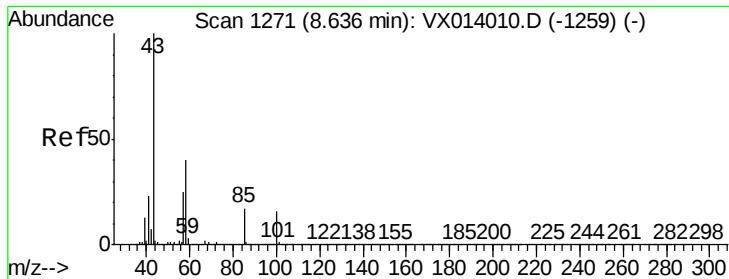
Delta R.T. 0.00 min

Lab File: VX014016.D

Acq: 13 Dec 2019 19:45

Tgt Ion:	98	Resp:	1033728
Ion Ratio	Lower	Upper	
98	100		
100	65.2	52.9	79.3





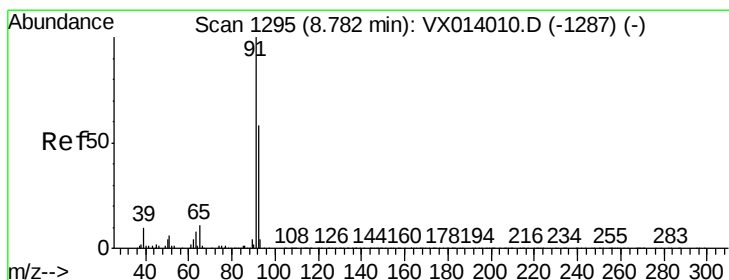
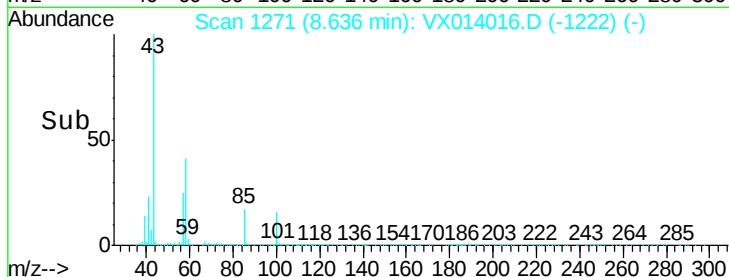
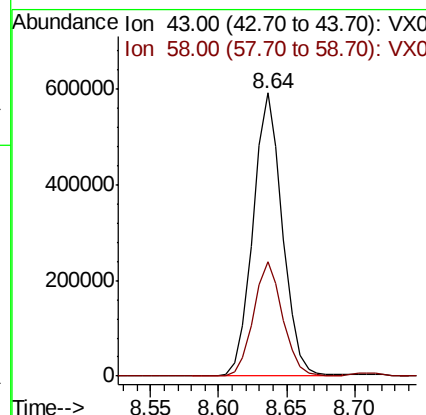
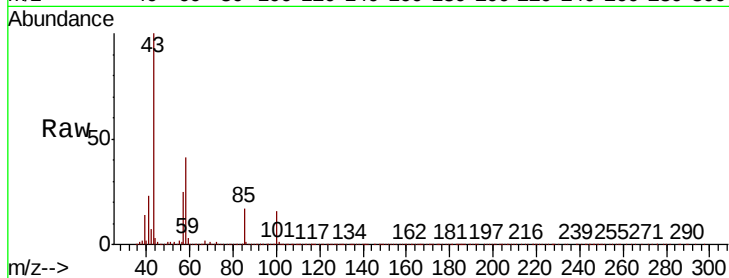
#51
4-Methyl-2-Pentanone
Concen: 97.337 ug/l
RT: 8.64 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VX014016.D
Acq: 13 Dec 2019 19:45

Instrument :
MSVOA_X
ClientSampleId :
VX1213WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
58	40.0	32.2	48.2

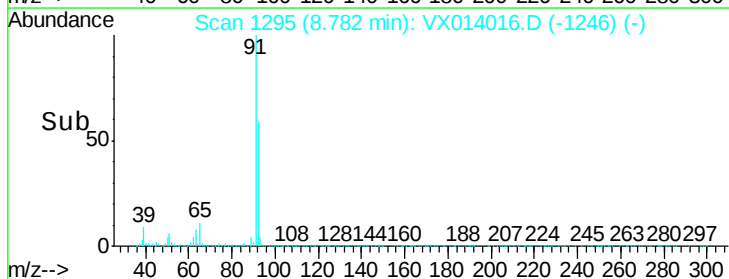
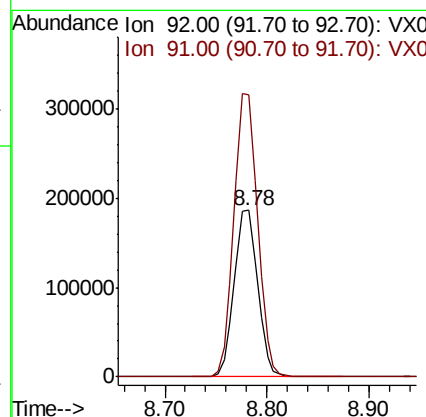
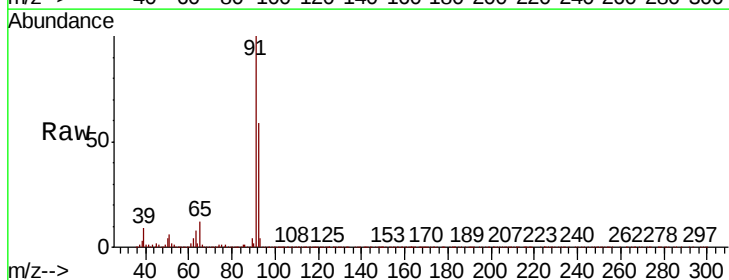
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#52
Toluene
Concen: 18.979 ug/l
RT: 8.78 min Scan# 1295
Delta R.T. 0.00 min
Lab File: VX014016.D
Acq: 13 Dec 2019 19:45

Tgt Ion	Ratio	Lower	Upper
92	100		
91	171.7	136.2	204.4





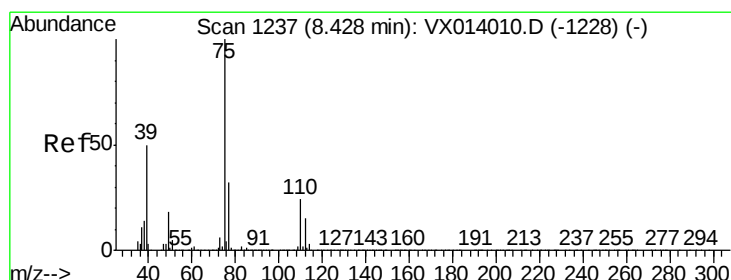
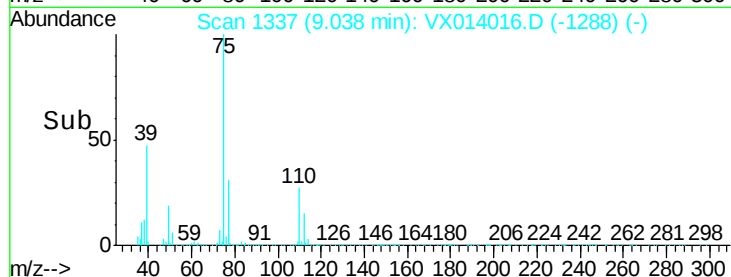
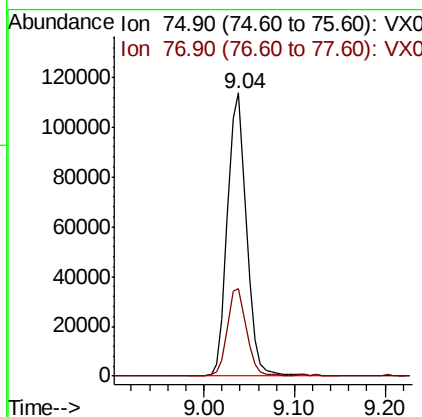
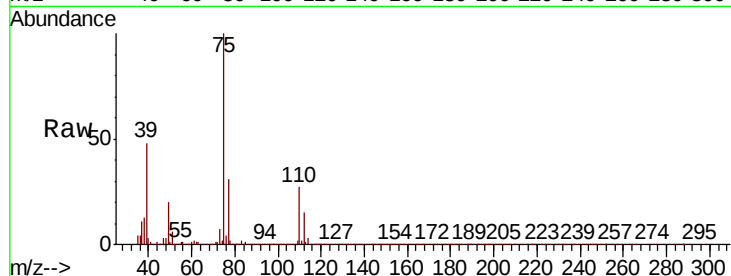
#53
t-1,3-Dichloropropene
Concen: 19.184 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. 0.00 min
Lab File: VX014016.D
Acq: 13 Dec 2019 19:45

Instrument :
MSVOA_X
ClientSampleId :
VX1213WBSD01

Tot Ion: 75 Resp: 165830
Ion Ratio Lower Upper
75 100
77 30.9 25.1 37.7

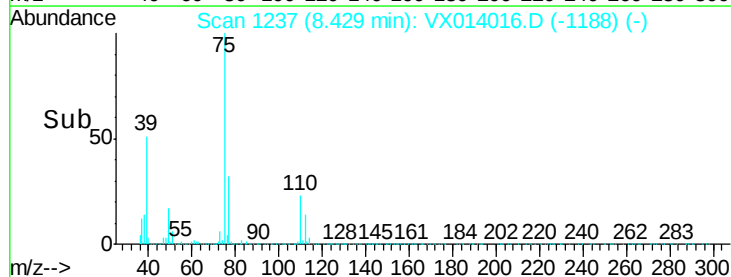
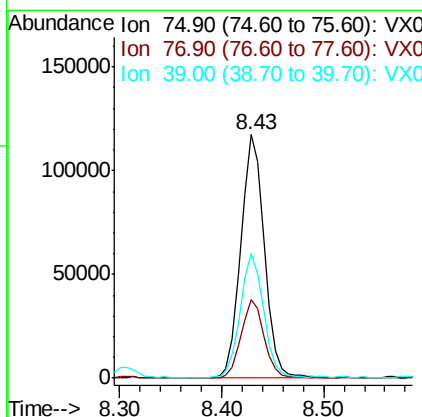
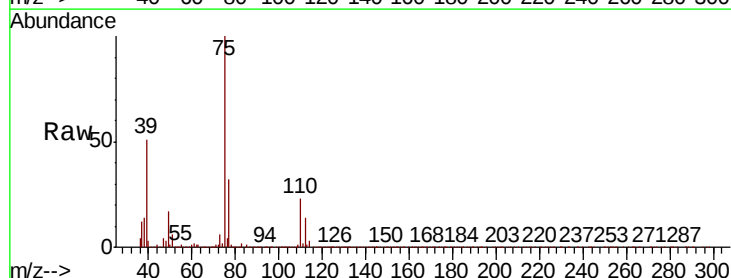
Manual Integrations
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#54
cis-1,3-Dichloropropene
Concen: 19.290 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX014016.D
Acq: 13 Dec 2019 19:45

Tgt Ion: 75 Resp: 185774
Ion Ratio Lower Upper
75 100
77 32.0 25.3 37.9
39 50.9 39.9 59.9





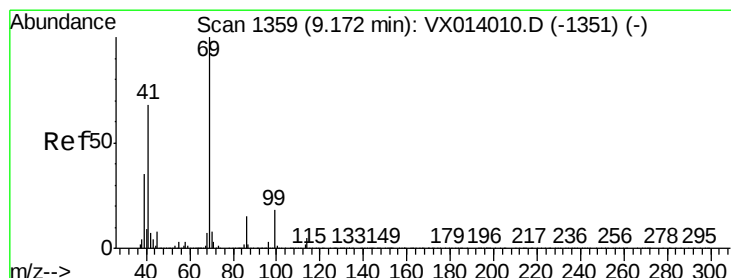
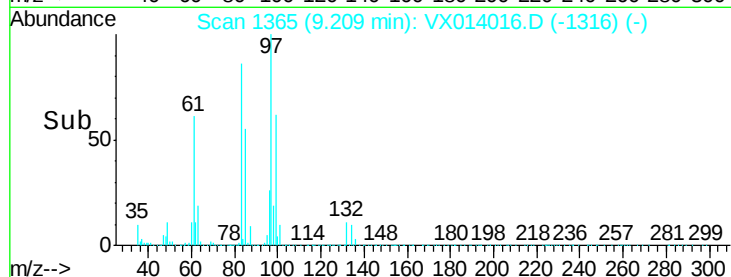
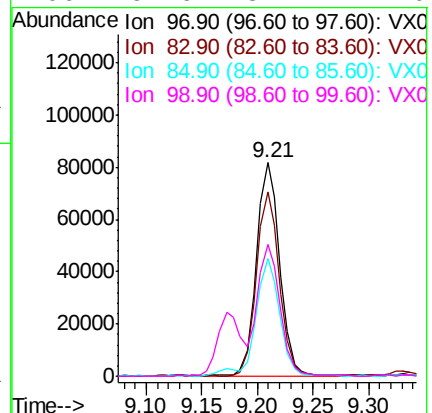
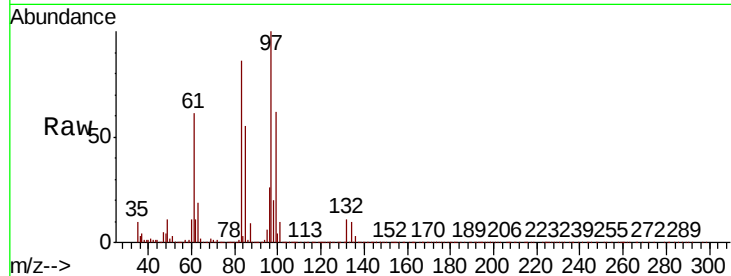
#55
 1,1,2-Trichloroethane
 Concen: 18.921 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX014016.D
 Acq: 13 Dec 2019 19:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1213WBSD01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		118399		
83	86.0	68.2	102.4		
85	55.3	44.6	66.8		
99	61.6	51.4	77.0		

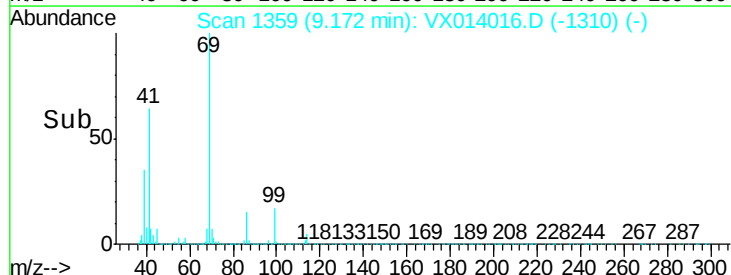
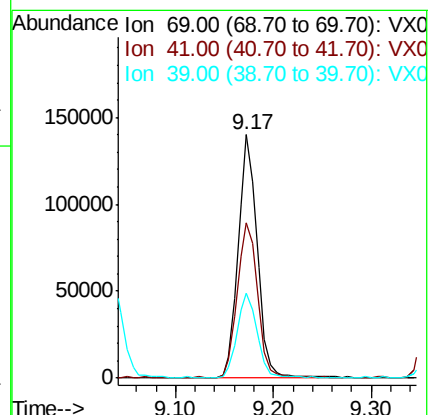
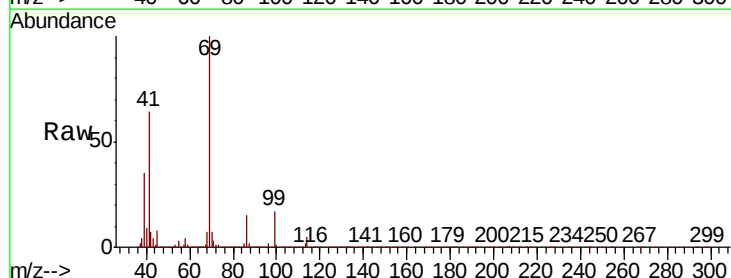
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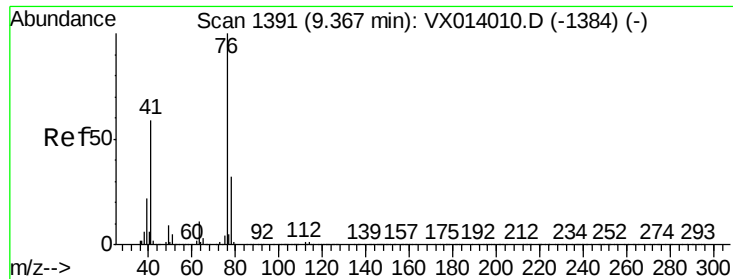
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#56
 Ethyl methacrylate
 Concen: 19.216 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX014016.D
 Acq: 13 Dec 2019 19:45

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		188891		
41	68.0	54.8	82.2		
39	36.6	28.3	42.5		





#57

1,3-Dichloropropane

Concen: 19.287 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX014016.D

Acq: 13 Dec 2019 19:45

Instrument :

MSVOA_X

ClientSampleId :

VX1213WBSD01

Tot Ion: 76 Resp: 203063

Ion Ratio Lower Upper

76 100

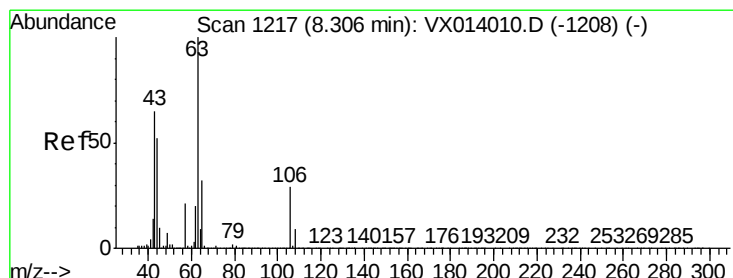
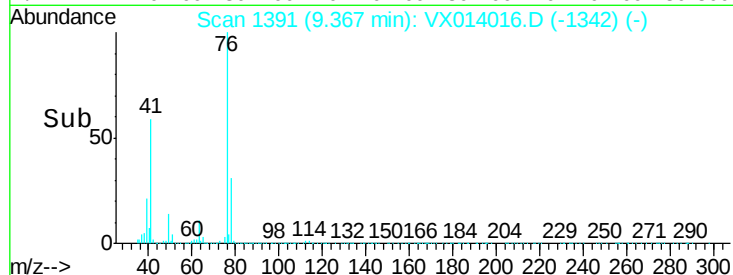
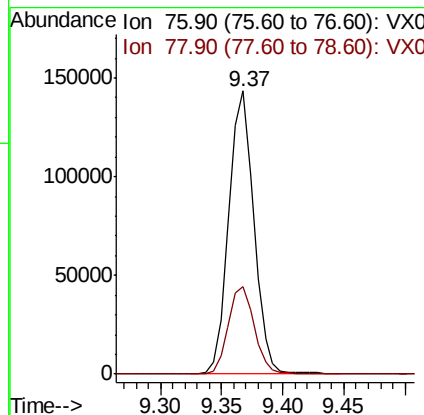
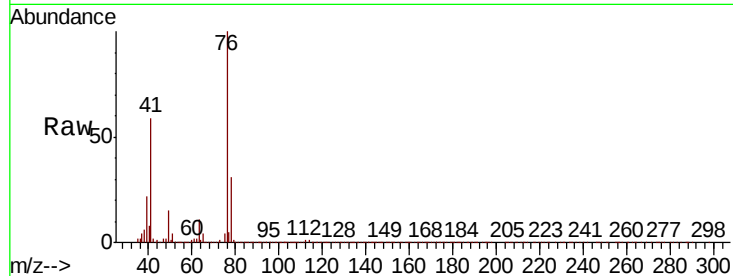
78 32.0 25.8 38.6

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#58

2-Chloroethyl Vinyl ether

Concen: 95.786 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. 0.00 min

Lab File: VX014016.D

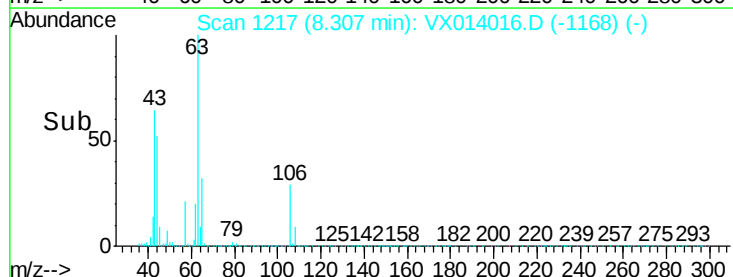
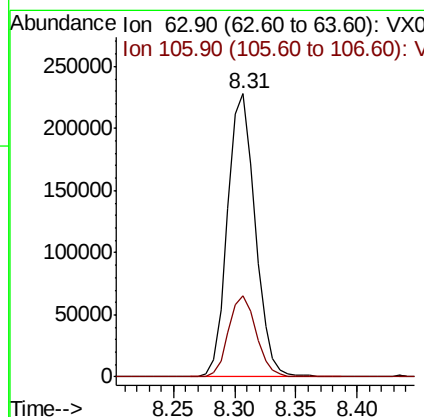
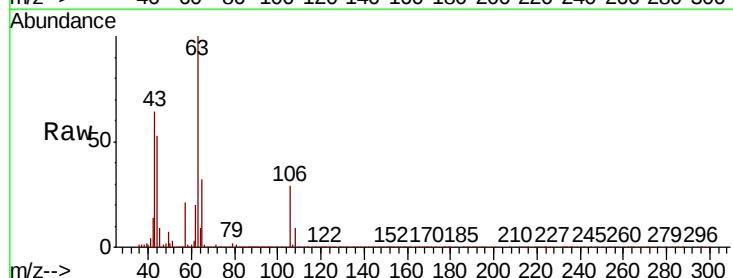
Acq: 13 Dec 2019 19:45

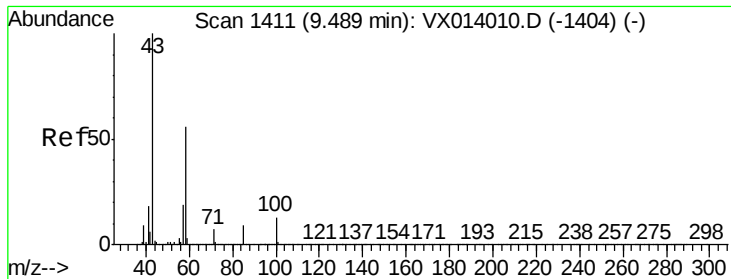
Tgt Ion: 63 Resp: 356313

Ion Ratio Lower Upper

63 100

106 28.6 23.0 34.6





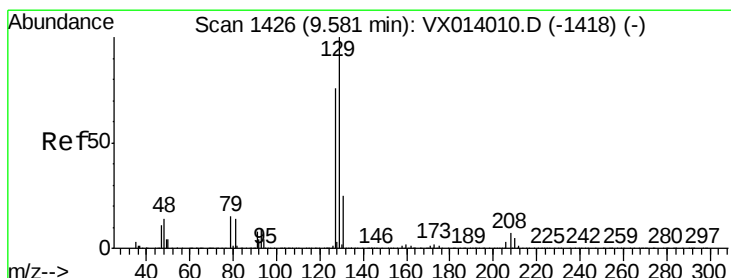
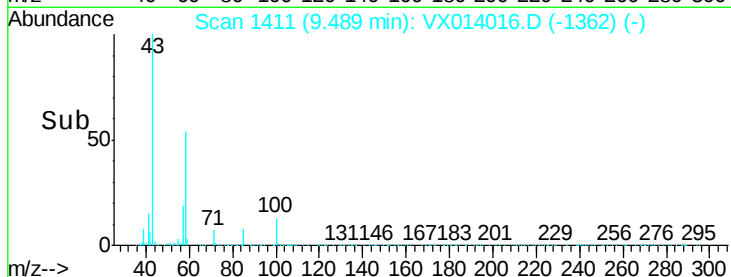
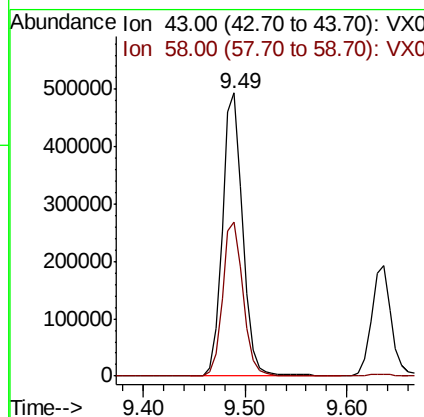
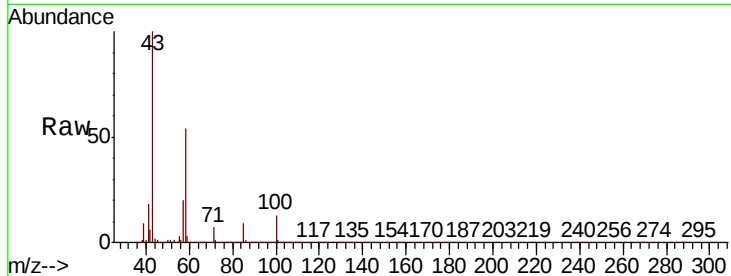
#59
2-Hexanone
Concen: 92.168 ug/l
RT: 9.49 min Scan# 1411
Delta R.T. 0.00 min
Lab File: VX014016.D
Acq: 13 Dec 2019 19:45

Instrument :
MSVOA_X
ClientSampleId :
VX1213WBSD01

Tot Ion: 43 Resp: 683648
Ion Ratio Lower Upper
43 100
58 55.1 28.0 84.0

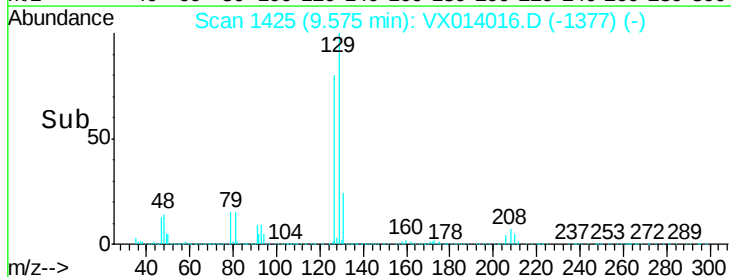
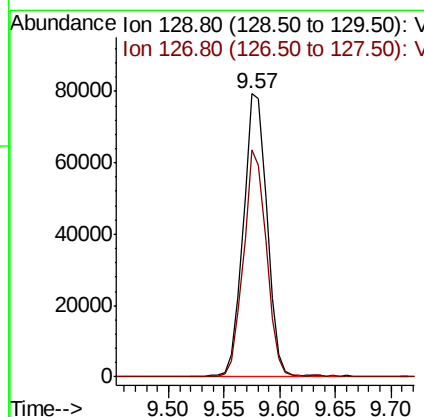
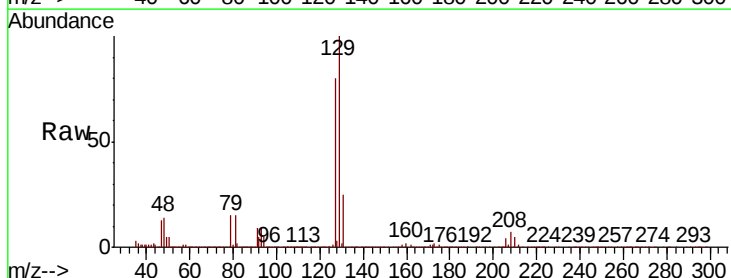
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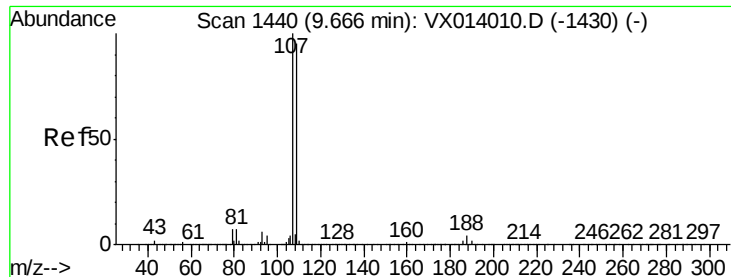
apatel
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#60
Dibromochloromethane
Concen: 18.778 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX014016.D
Acq: 13 Dec 2019 19:45

Tgt Ion: 129 Resp: 116801
Ion Ratio Lower Upper
129 100
127 77.6 38.4 115.2





#61

1,2-Dibromoethane

Concen: 19.561 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX014016.D

Acq: 13 Dec 2019 19:45

Instrument :

MSVOA_X

ClientSampleId :

VX1213WBSD01

Tot Ion: 107 Resp: 125237

Ion Ratio Lower Upper

107 100

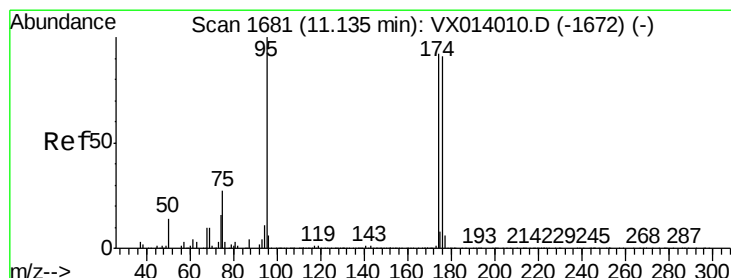
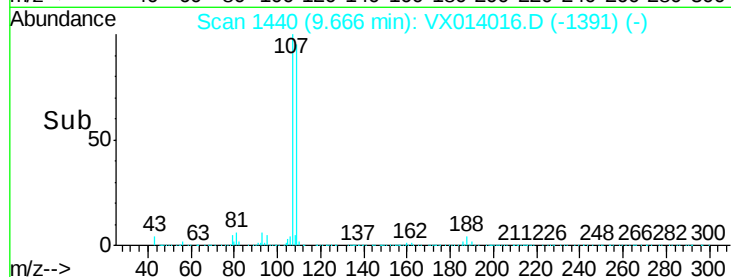
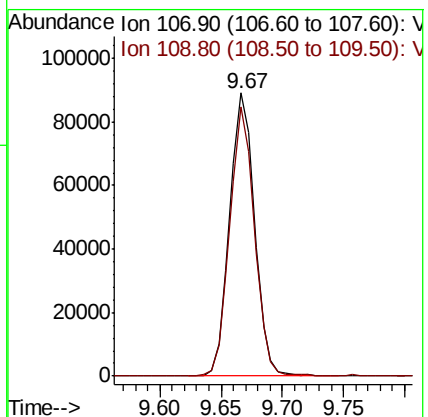
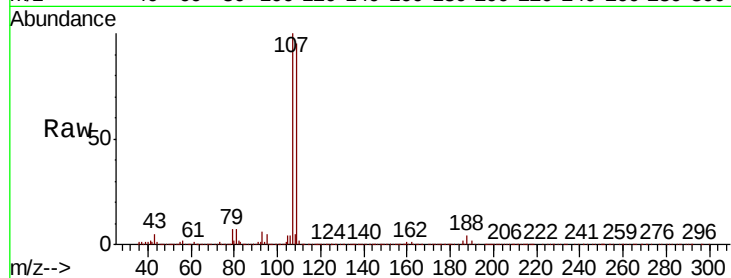
109 94.4 75.7 113.5

Manual Integrations

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#62

4-Bromofluorobenzene

Concen: 48.366 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX014016.D

Acq: 13 Dec 2019 19:45

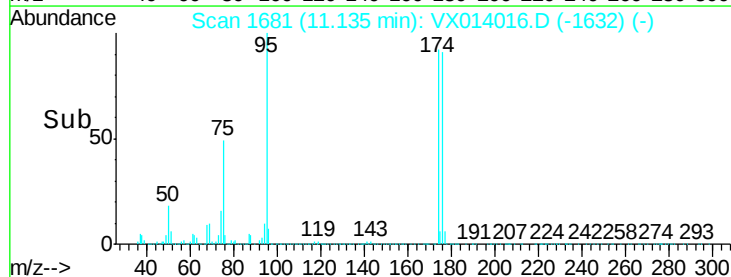
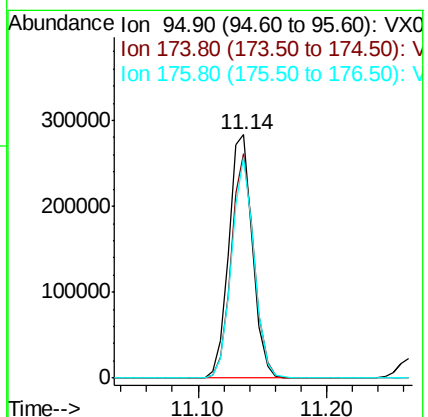
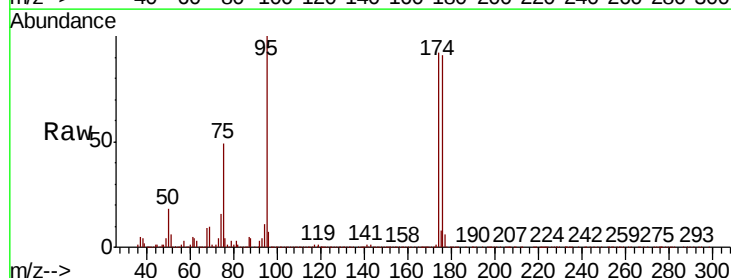
Tgt Ion: 95 Resp: 366101

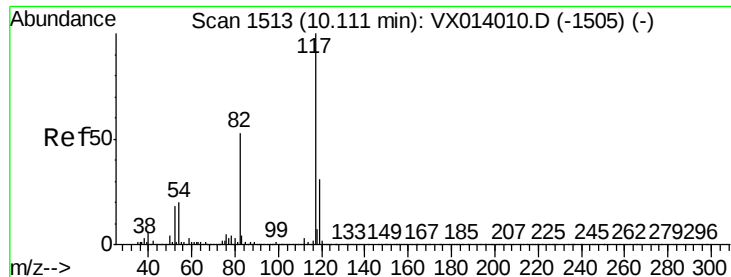
Ion Ratio Lower Upper

95 100

174 88.1 0.0 175.8

176 85.7 0.0 173.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VX014016.D

Acq: 13 Dec 2019 19:45

Instrument :

MSVOA_X

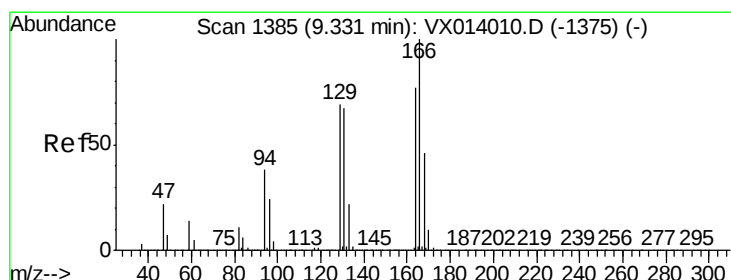
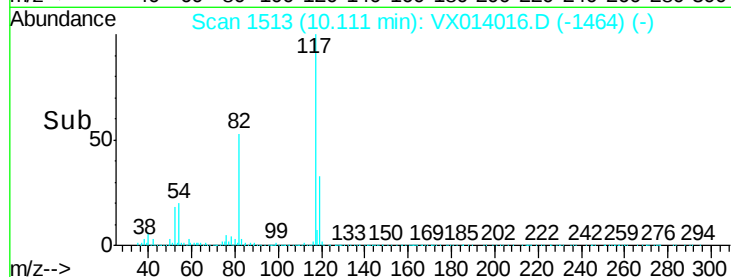
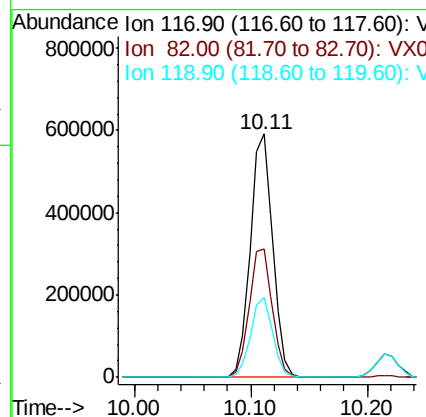
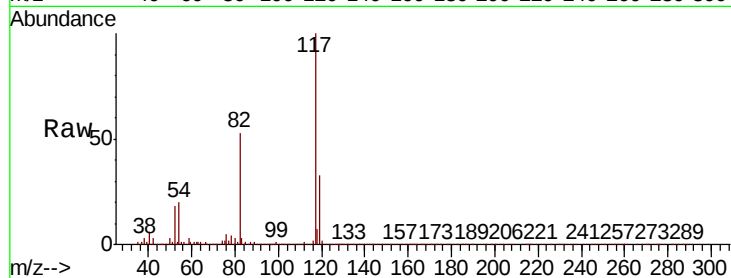
ClientSampleId :

VX1213WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	797353		
82	52.7	42.2	63.4	
119	32.9	25.1	37.7	

Manual Integrations
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#64

Tetrachloroethene

Concen: 16.194 ug/l

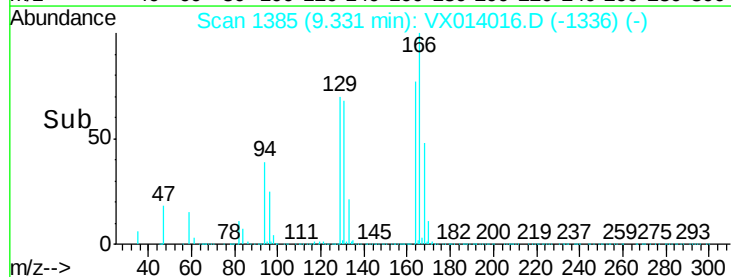
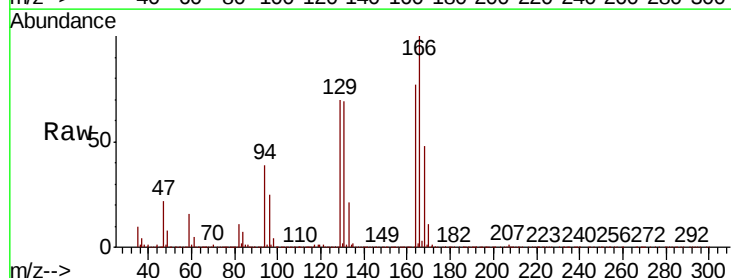
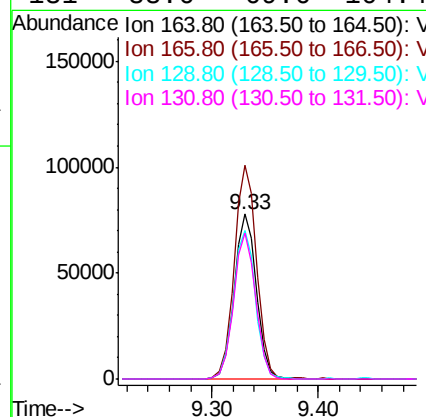
RT: 9.33 min Scan# 1385

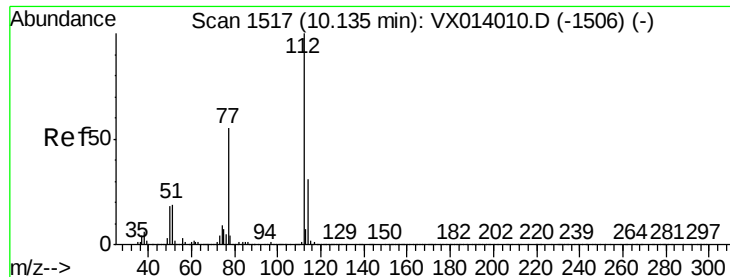
Delta R.T. 0.00 min

Lab File: VX014016.D

Acq: 13 Dec 2019 19:45

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	114260		
166	129.4	104.0	156.0	
129	90.2	72.2	108.4	
131	88.6	69.6	104.4	





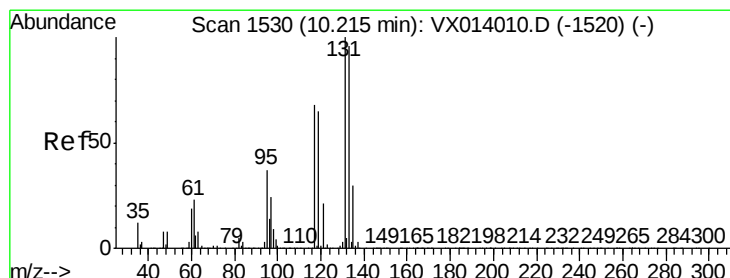
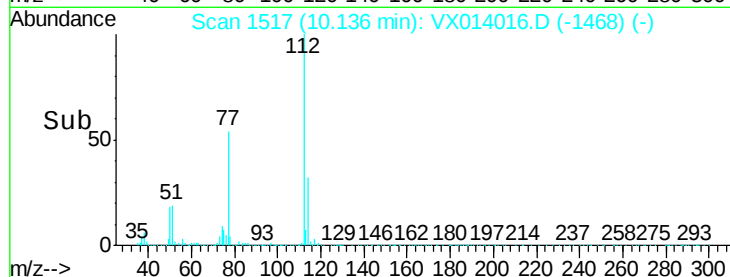
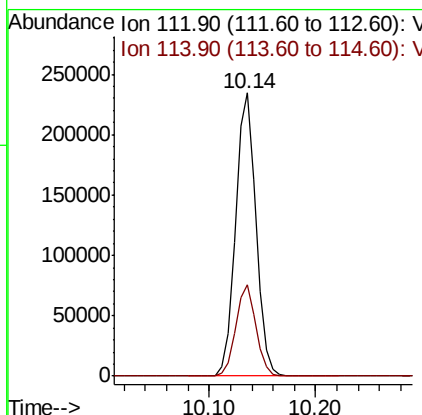
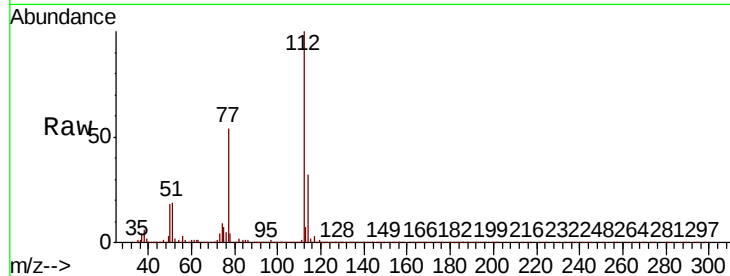
#65
Chlorobenzene
Concen: 18.607 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VX014016.D
Acq: 13 Dec 2019 19:45

Instrument :
MSVOA_X
ClientSampleId :
VX1213WBSD01

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.3	24.9	37.3

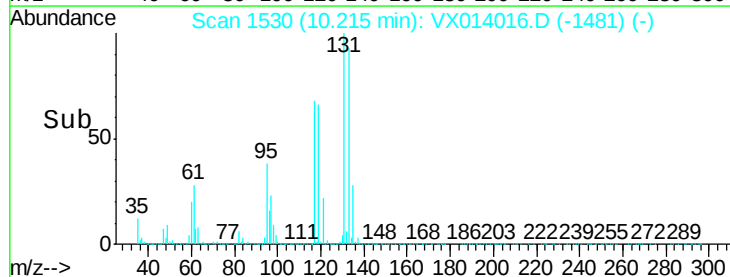
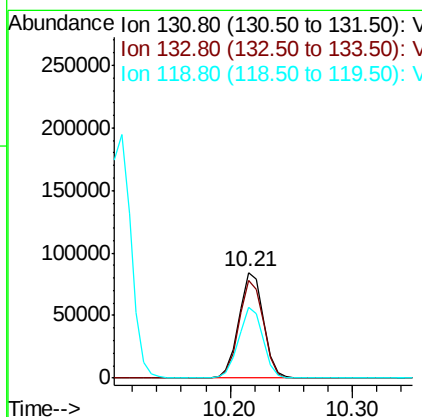
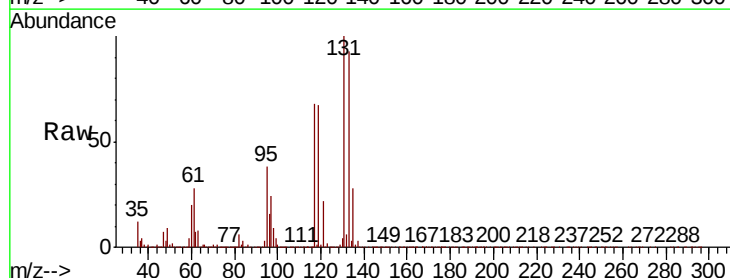
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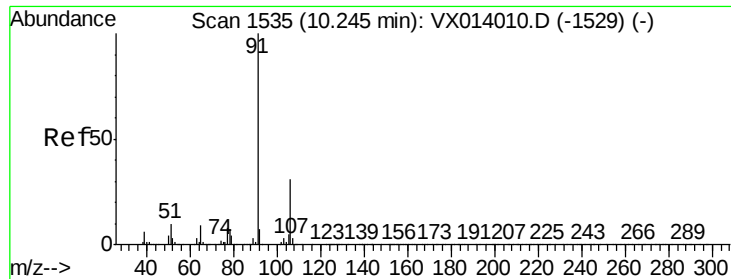
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#66
1,1,1,2-Tetrachloroethane
Concen: 19.172 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. 0.00 min
Lab File: VX014016.D
Acq: 13 Dec 2019 19:45

Tgt Ion	Ratio	Lower	Upper
131	100		
133	92.6	48.0	144.0
119	66.1	33.4	100.2





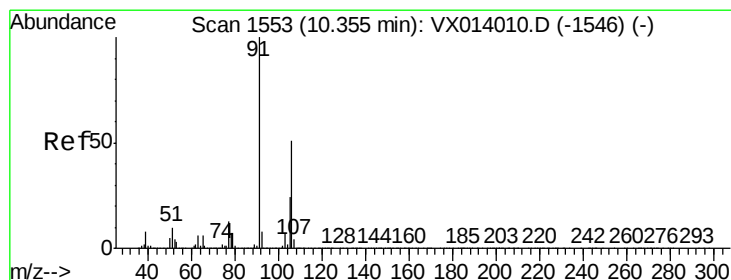
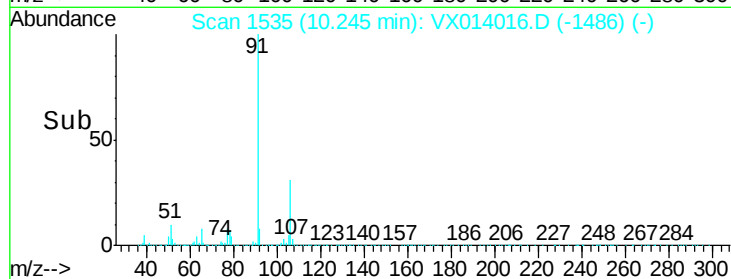
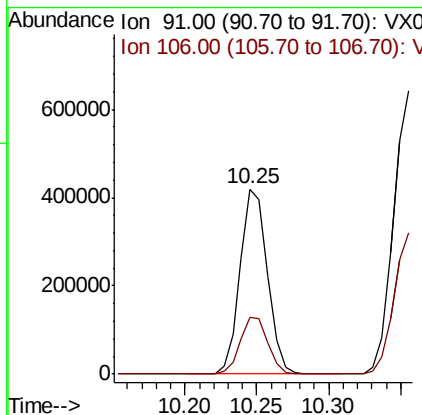
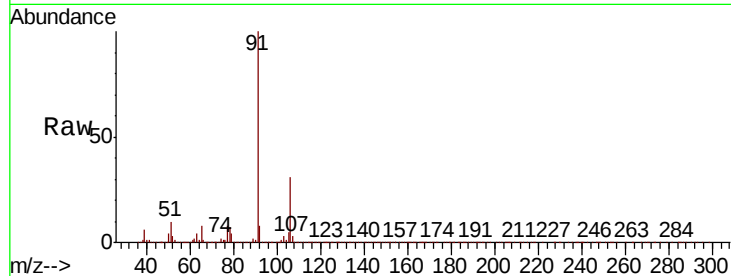
#67
Ethyl Benzene
Concen: 18.986 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX014016.D
Acq: 13 Dec 2019 19:45

Instrument :
MSVOA_X
ClientSampleId :
VX1213WBSD01

Tot Ion: 91 Resp: 553391
Ion Ratio Lower Upper
91 100
106 31.0 25.0 37.6

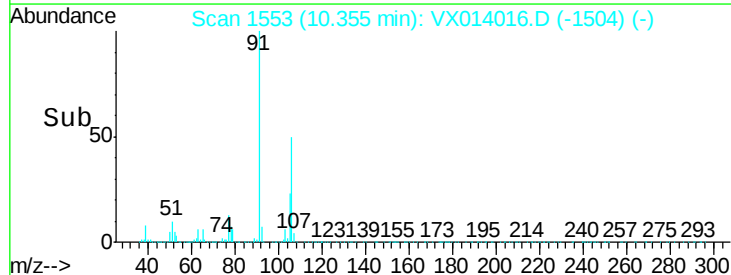
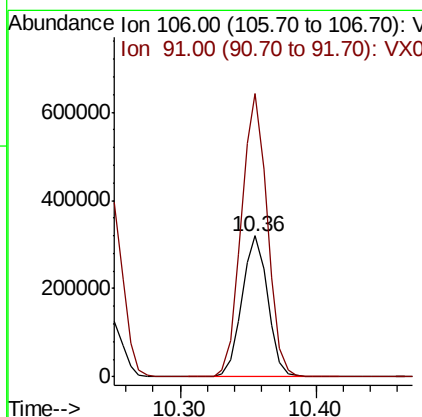
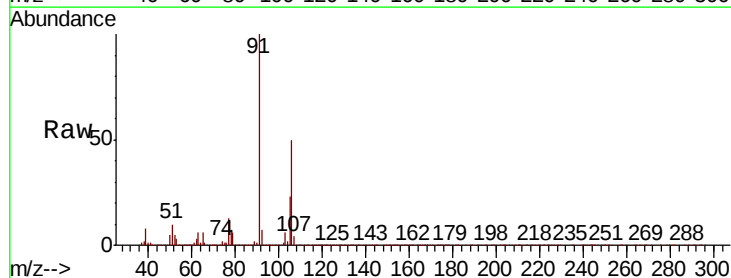
Manual Integrations
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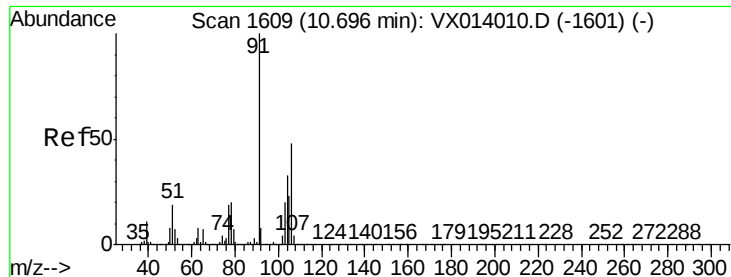
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#68
m/p-Xylenes
Concen: 37.761 ug/l
RT: 10.36 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX014016.D
Acq: 13 Dec 2019 19:45

Tgt Ion: 106 Resp: 423323
Ion Ratio Lower Upper
106 100
91 202.0 158.6 238.0





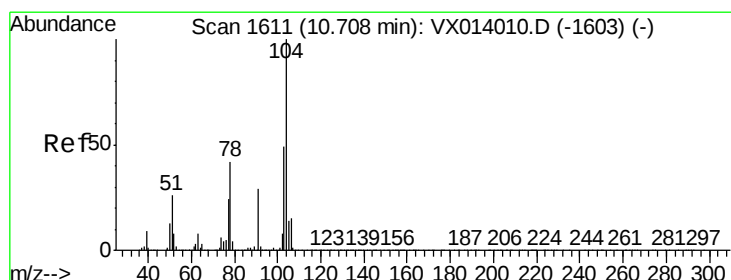
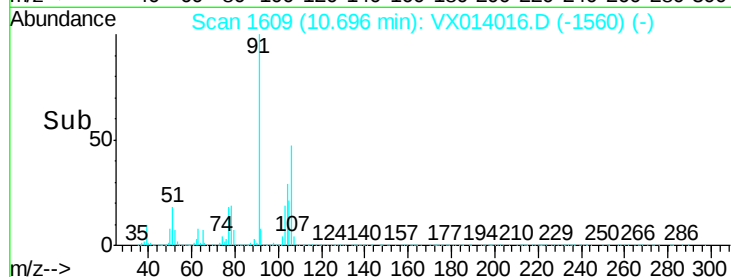
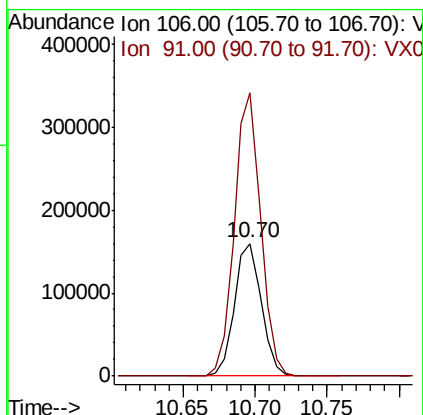
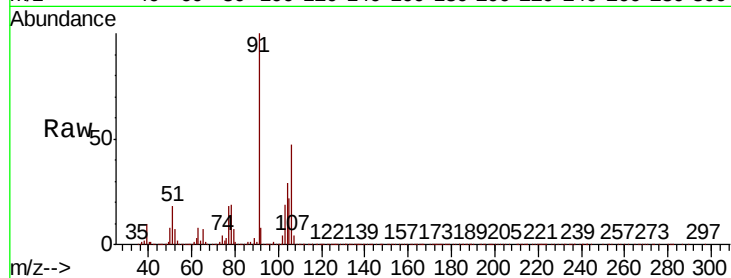
#69
o-Xylene
Concen: 18.927 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX014016.D
Acq: 13 Dec 2019 19:45

Instrument :
MSVOA_X
ClientSampleId :
VX1213WBSD01

Tot Ion	Ratio	Lower	Upper
106	100		
91	209.4	104.2	312.6

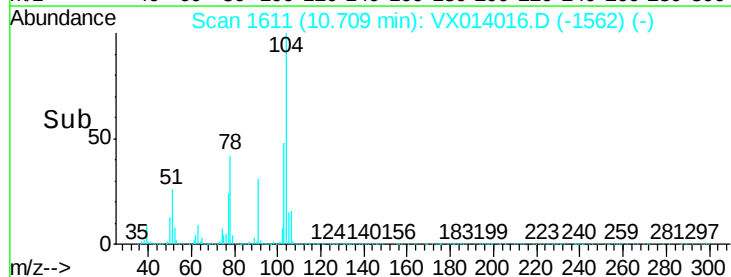
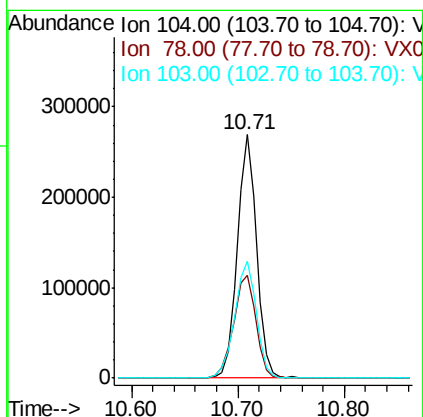
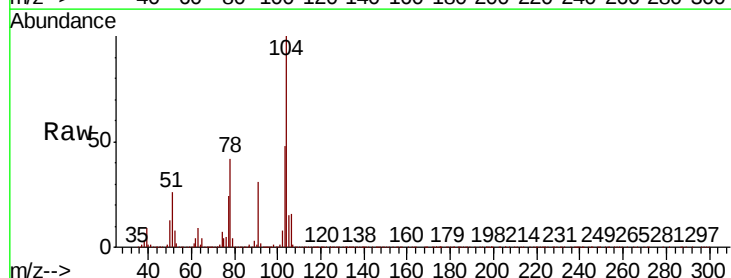
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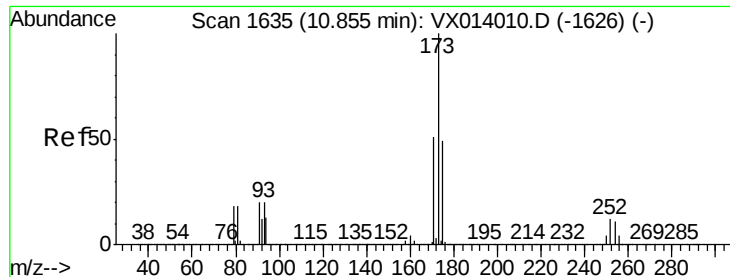
apatel
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#70
Styrene
Concen: 18.463 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX014016.D
Acq: 13 Dec 2019 19:45

Tgt Ion	Ratio	Lower	Upper
104	100		
78	49.0	38.5	57.7
103	54.2	42.9	64.3





#71

Bromoform

Concen: 17.974 ug/l

RT: 10.86 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX014016.D

Acq: 13 Dec 2019 19:45

Instrument :

MSVOA_X

ClientSampleId :

VX1213WBSD01

Tot Ion:173 Resp: 87459

Ion Ratio Lower Upper

173 100

175 50.7 24.4 73.4

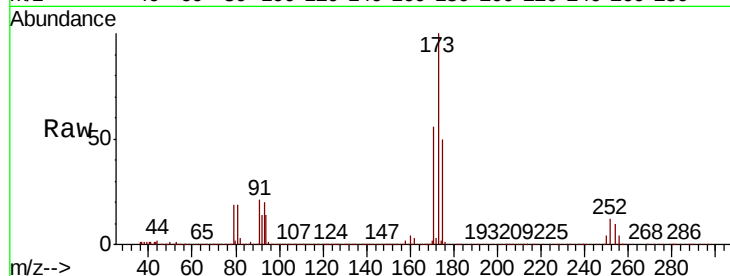
254 0.5 0.2 0.2#

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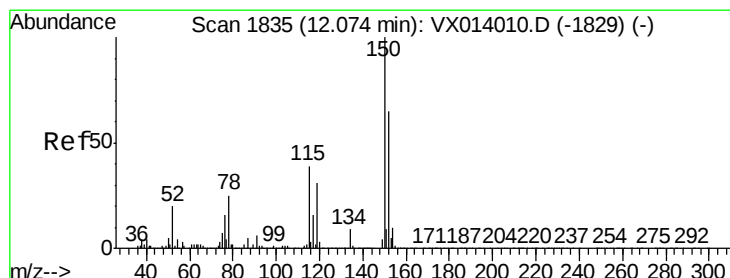
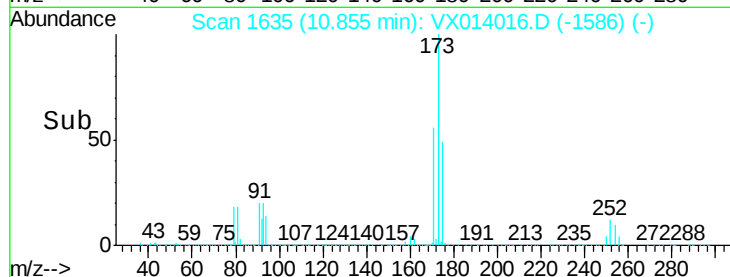
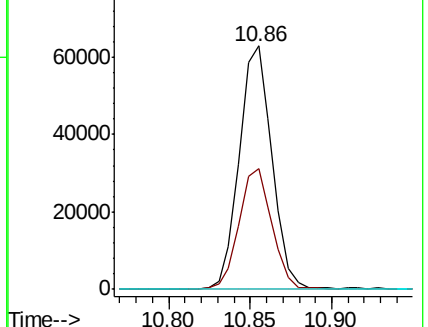
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Abundance Ion 172.70 (172.40 to 173.40): V

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: VX014016.D

Acq: 13 Dec 2019 19:45

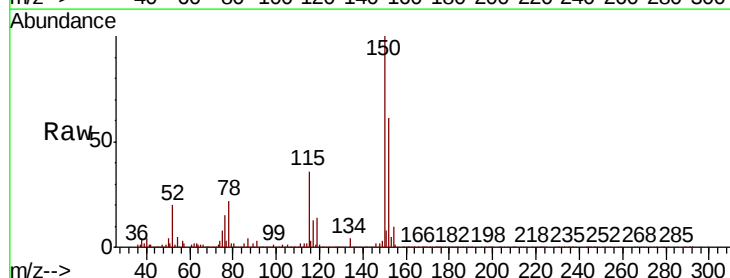
Tgt Ion:152 Resp: 387534

Ion Ratio Lower Upper

152 100

115 64.5 38.3 114.9

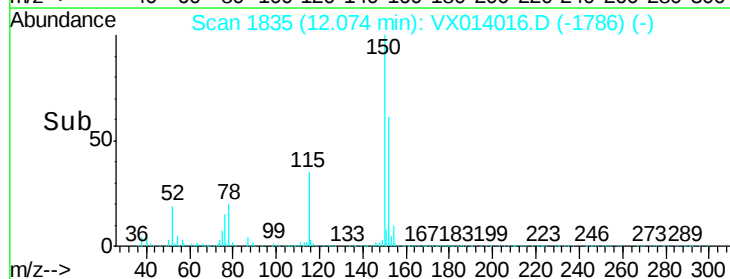
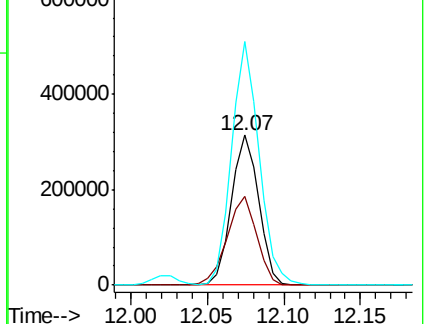
150 163.8 0.0 345.4

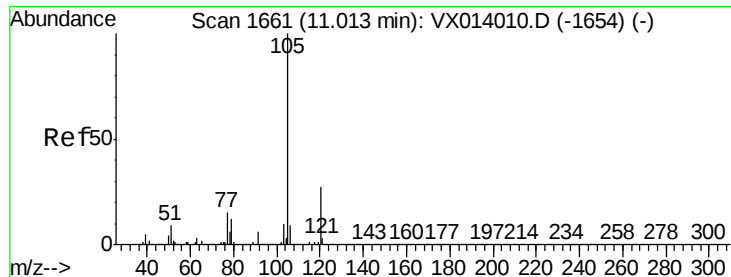


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.778 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX014016.D

Acq: 13 Dec 2019 19:45

Instrument :

MSVOA_X

ClientSampleId :

VX1213WBSD01

Tot Ion: 105 Resp: 539651

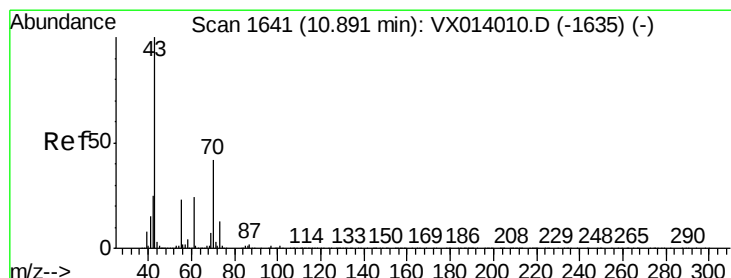
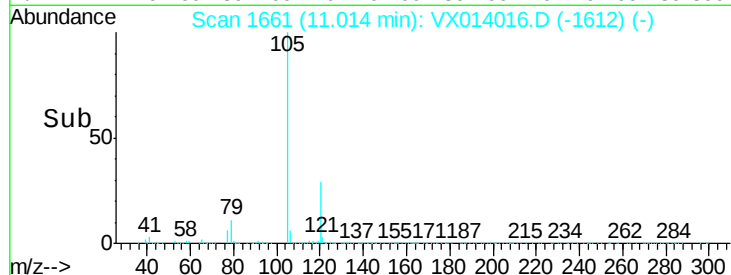
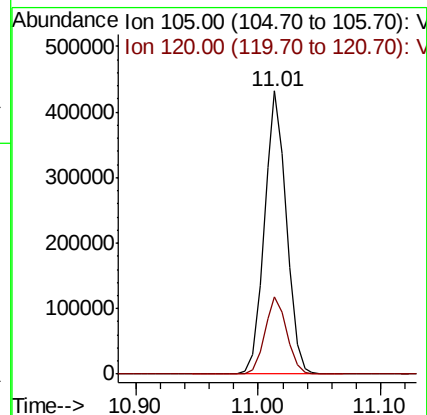
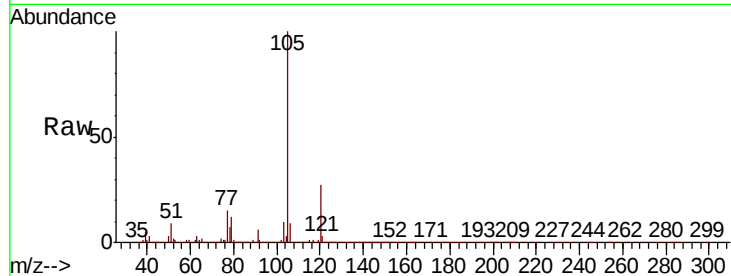
Ion Ratio Lower Upper

105 100

120 27.5 13.5 40.4

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#74

N-ethyl acetate

Concen: 19.855 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX014016.D

Acq: 13 Dec 2019 19:45

Tgt Ion: 43 Resp: 253936

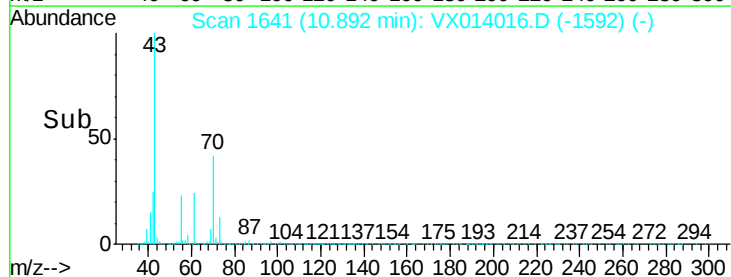
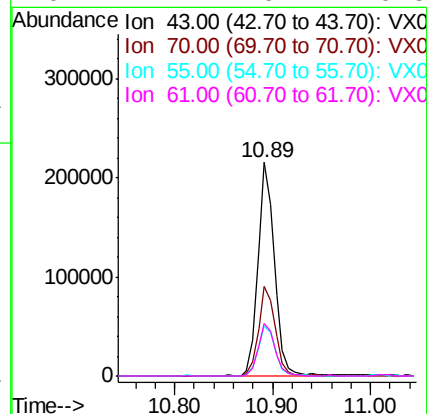
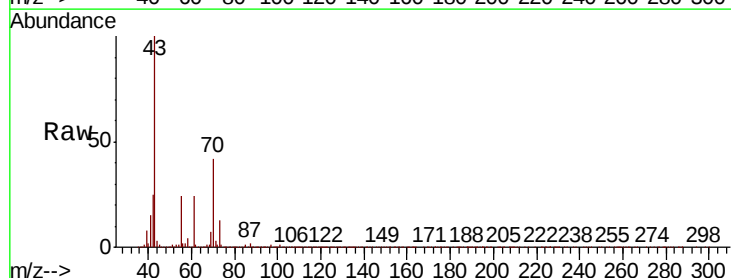
Ion Ratio Lower Upper

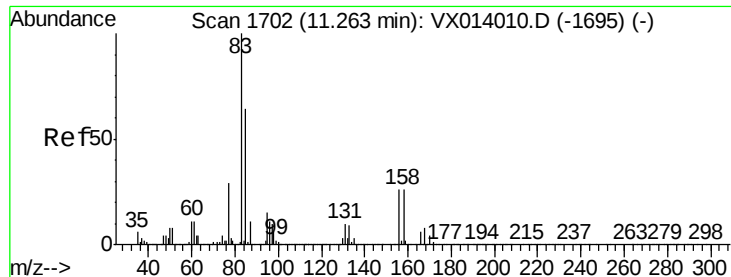
43 100

70 42.6 34.4 51.6

55 24.5 19.1 28.7

61 24.4 19.7 29.5





#75

1,1,2,2-Tetrachloroethane

Concen: 19.904 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX014016.D

Acq: 13 Dec 2019 19:45

Instrument :

MSVOA_X

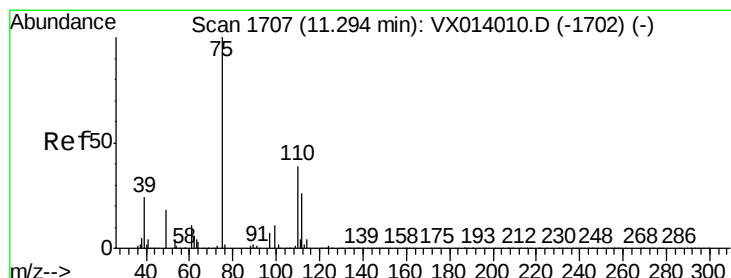
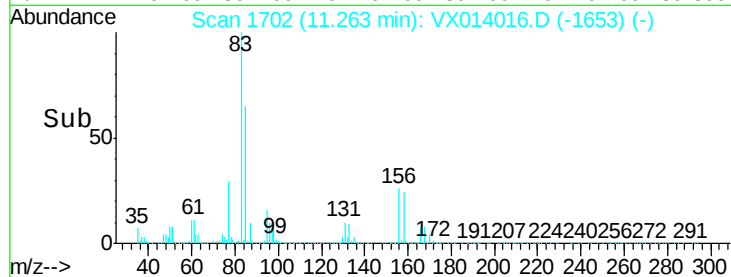
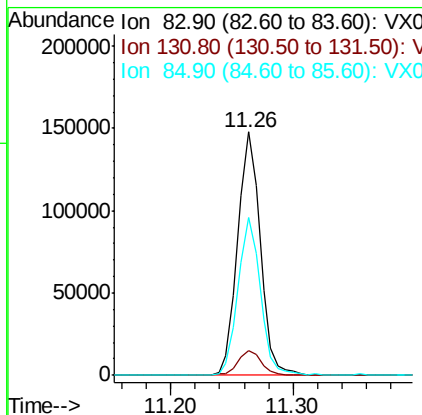
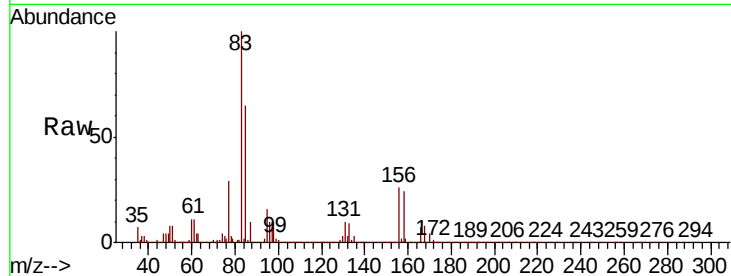
ClientSampleId :

VX1213WBSD01

Tot Ion:	83	Resp:	188285
Ion Ratio	Lower	Upper	
83	100		
131	10.6	5.1	15.2
85	64.3	31.9	95.7

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 20.024 ug/l m

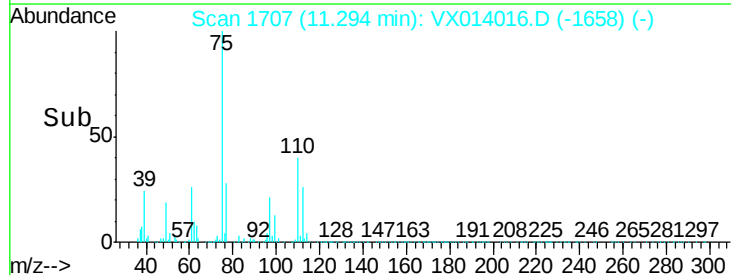
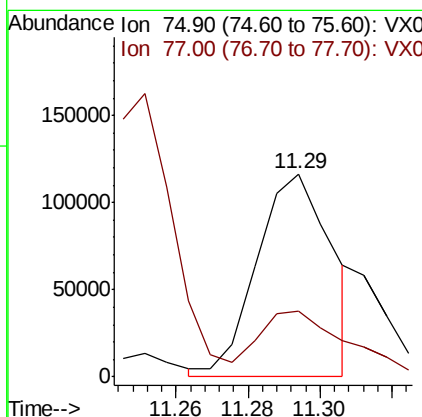
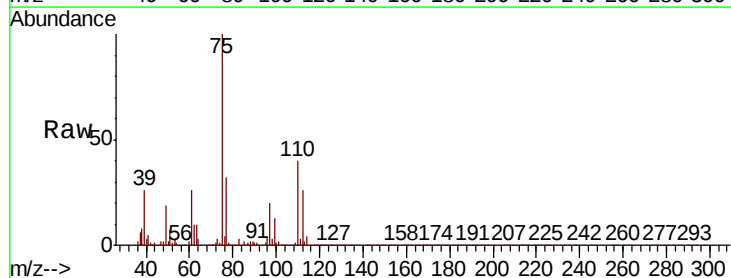
RT: 11.29 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX014016.D

Acq: 13 Dec 2019 19:45

Tgt Ion:	75	Resp:	168469
Ion Ratio	Lower	Upper	
75	100		
77	38.5	19.3	57.8





#77

Bromobenzene

Concen: 19.113 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX014016.D

Acq: 13 Dec 2019 19:45

Instrument :

MSVOA_X

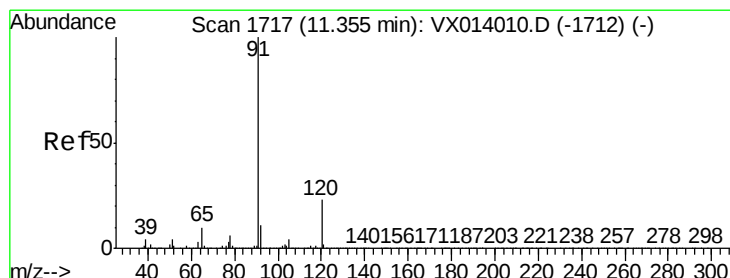
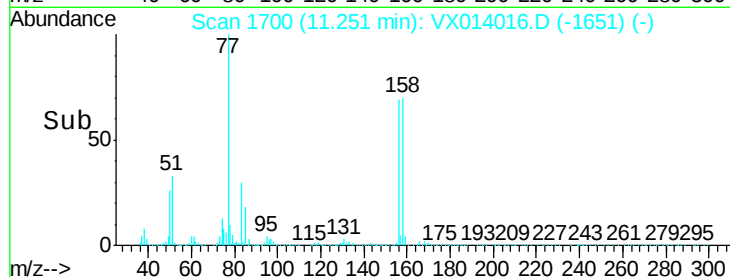
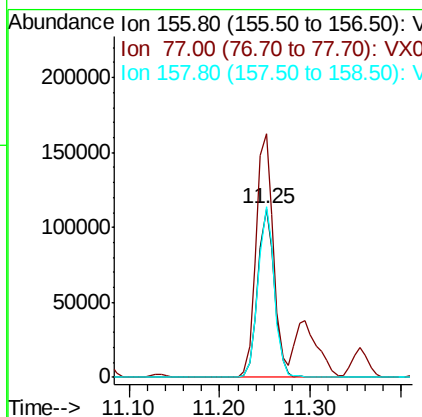
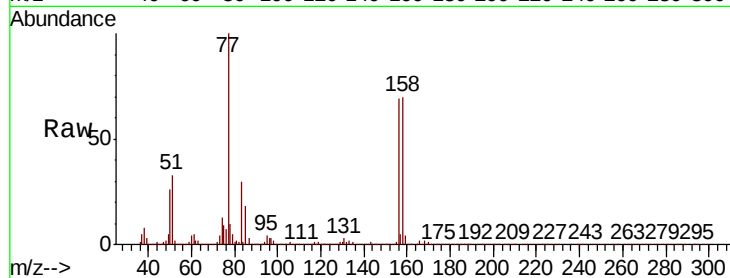
ClientSampleId :

VX1213WBSD01

Tot Ion:	156	Resp:	143484
Ion Ratio	Lower	Upper	
156	100		
77	149.6	76.5	229.5
158	98.4	49.3	147.9

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#78

n-propylbenzene

Concen: 19.552 ug/l

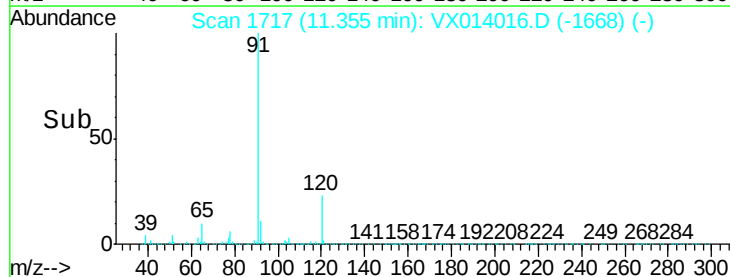
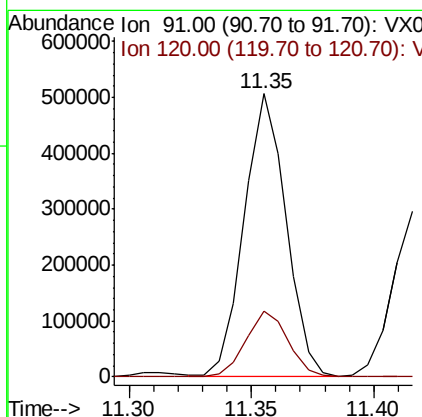
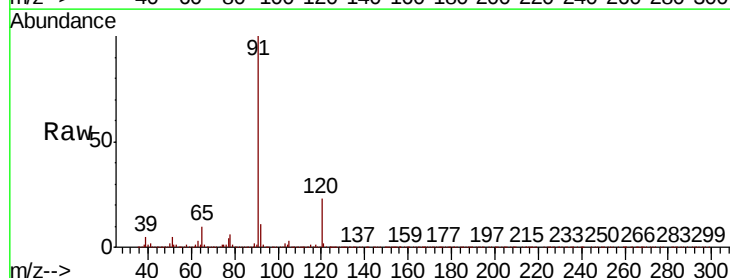
RT: 11.35 min Scan# 1717

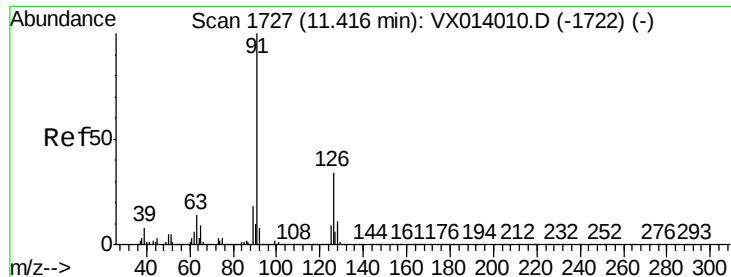
Delta R.T. 0.00 min

Lab File: VX014016.D

Acq: 13 Dec 2019 19:45

Tgt Ion:	91	Resp:	598396
Ion Ratio	Lower	Upper	
91	100		
120	23.5	11.7	35.0





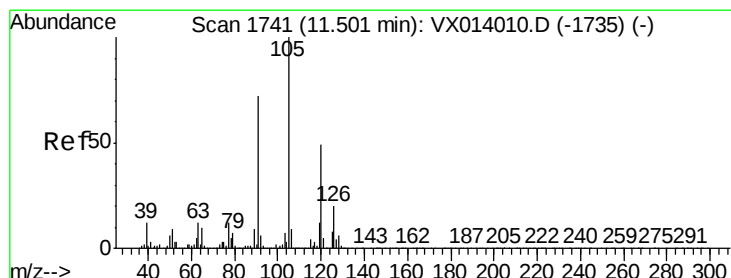
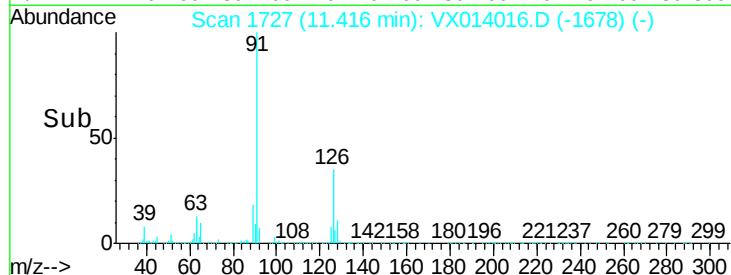
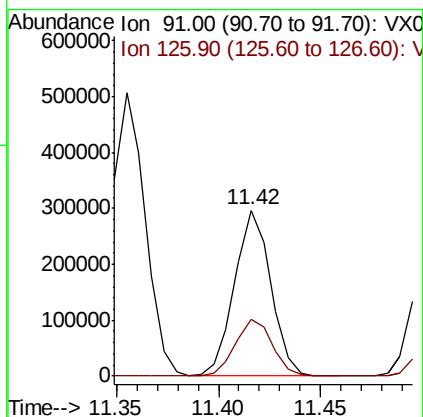
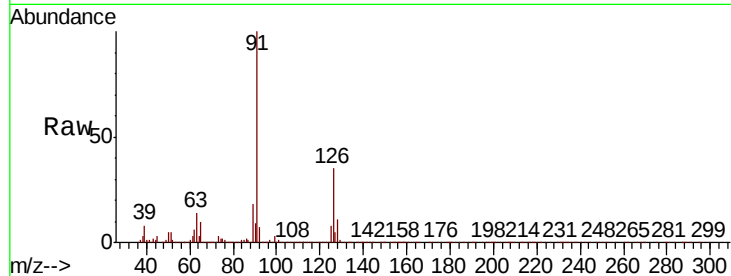
#79
2-Chlorotoluene
Concen: 19.612 ug/l
RT: 11.42 min Scan# 1727
Delta R.T. 0.00 min
Lab File: VX014016.D
Acq: 13 Dec 2019 19:45

Instrument :
MSVOA_X
ClientSampleId :
VX1213WBSD01

Tot Ion: 91 Resp: 364872
Ion Ratio Lower Upper
91 100
126 35.0 17.2 51.6

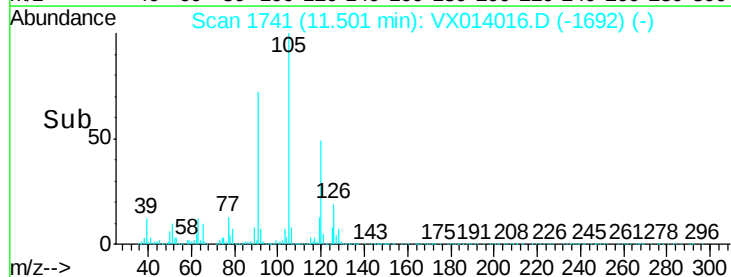
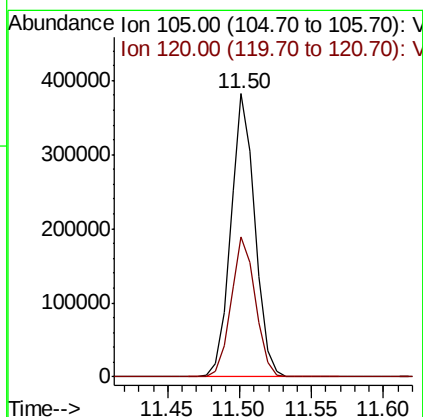
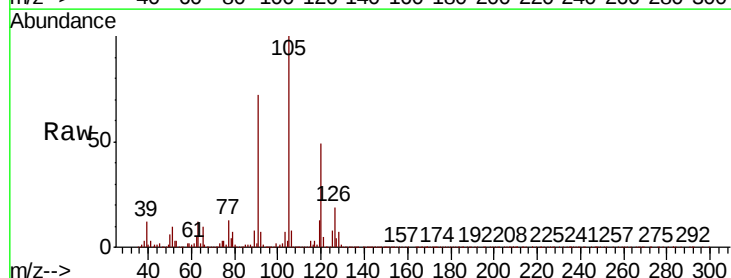
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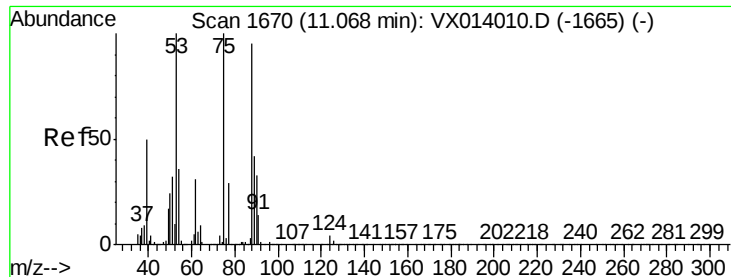
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#80
1,3,5-Trimethylbenzene
Concen: 19.527 ug/l
RT: 11.50 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX014016.D
Acq: 13 Dec 2019 19:45

Tgt Ion: 105 Resp: 448413
Ion Ratio Lower Upper
105 100
120 50.0 25.3 75.8





#81

trans-1,4-Dichloro-2-butene

Concen: 19.151 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX014016.D

Acq: 13 Dec 2019 19:45

Instrument :

MSVOA_X

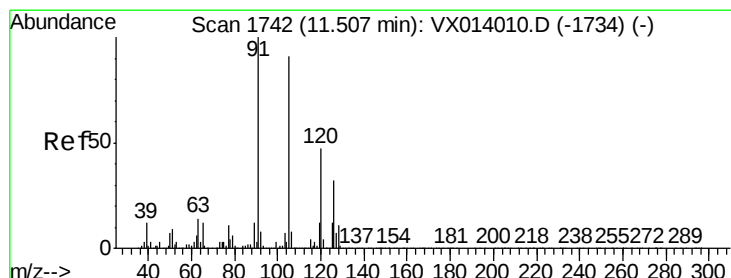
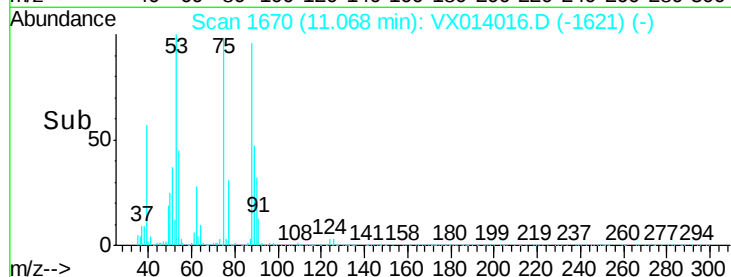
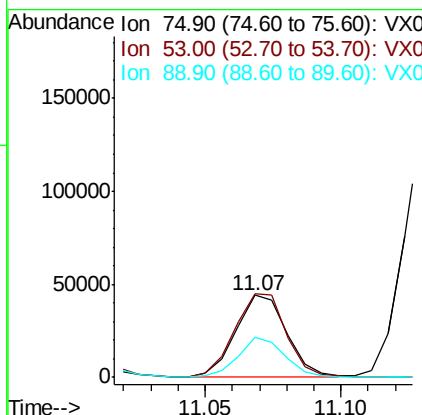
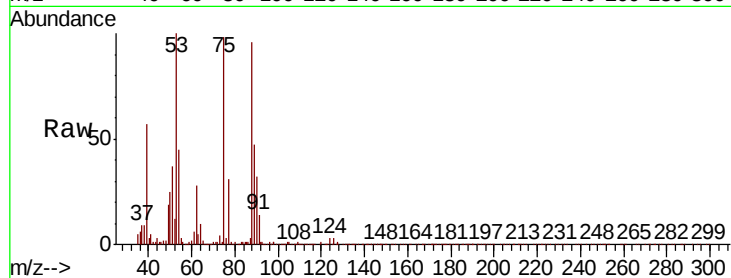
ClientSampleId :

VX1213WBSD01

Tot Ion:	75	Resp:	57085
Ion Ratio	Lower	Upper	
75	100		
53	102.8	76.7	115.1
89	45.5	34.6	51.8

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#82

4-Chlorotoluene

Concen: 19.020 ug/l

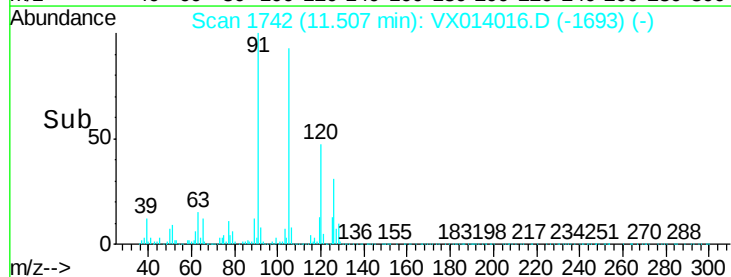
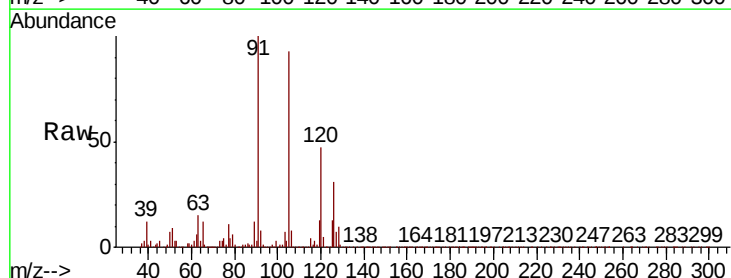
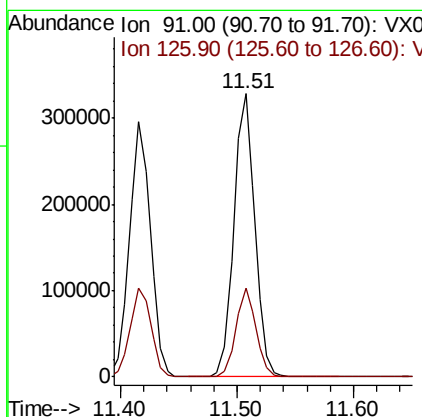
RT: 11.51 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VX014016.D

Acq: 13 Dec 2019 19:45

Tgt Ion:	91	Resp:	410448
Ion Ratio	Lower	Upper	
91	100		
126	30.1	15.6	46.8





#83

tert-Butylbenzene

Concen: 20.185 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. 0.00 min

Lab File: VX014016.D

Acq: 13 Dec 2019 19:45

Instrument :

MSVOA_X

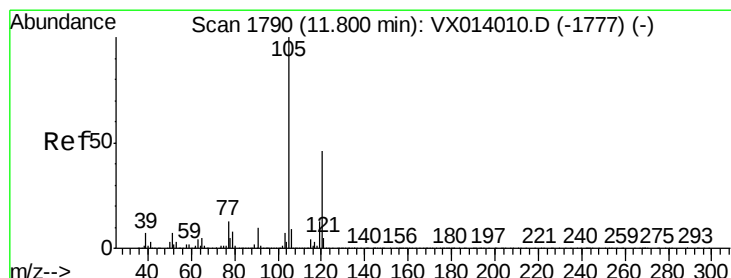
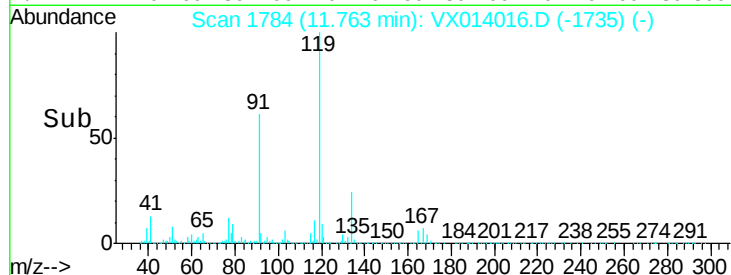
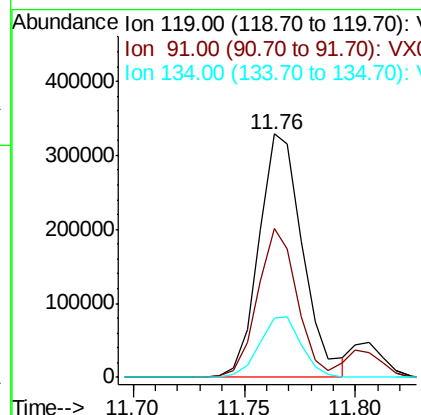
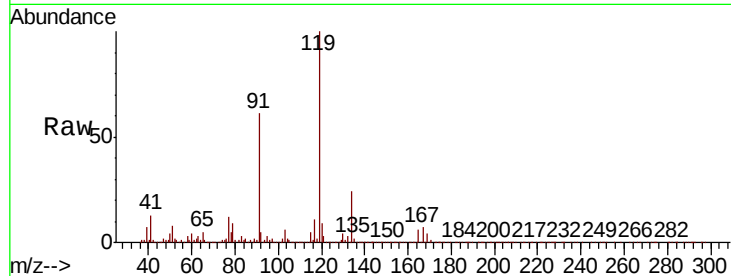
ClientSampleId :

VX1213WBSD01

Tot Ion:	119	Resp:	451083
Ion Ratio	Lower	Upper	
119	100		
91	54.9	28.5	85.6
134	23.8	12.2	36.6

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#84

1,2,4-Trimethylbenzene

Concen: 19.432 ug/l

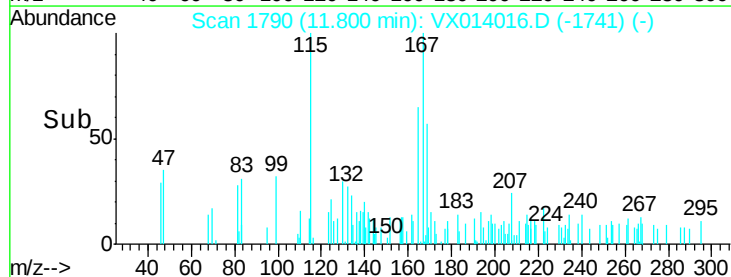
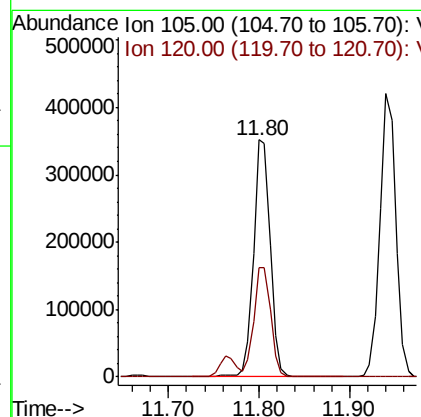
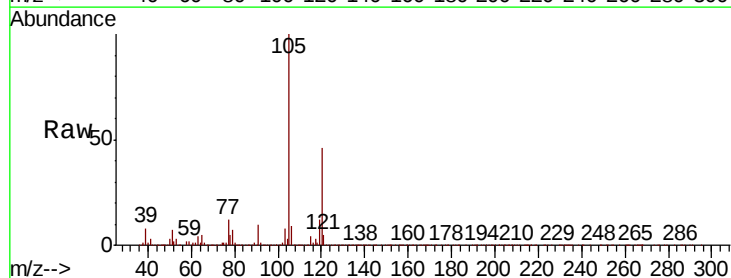
RT: 11.80 min Scan# 1790

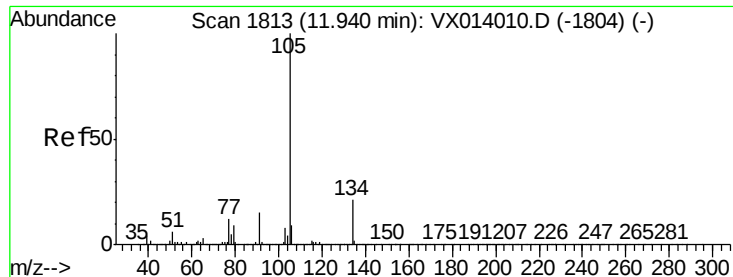
Delta R.T. 0.00 min

Lab File: VX014016.D

Acq: 13 Dec 2019 19:45

Tgt Ion:	105	Resp:	446867
Ion Ratio	Lower	Upper	
105	100		
120	47.2	23.1	69.2





#85

sec-Butylbenzene

Concen: 19.440 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX014016.D

Acq: 13 Dec 2019 19:45

Instrument :

MSVOA_X

ClientSampleId :

VX1213WBSD01

Tot Ion:105 Resp: 512865

Ion Ratio Lower Upper

105 100

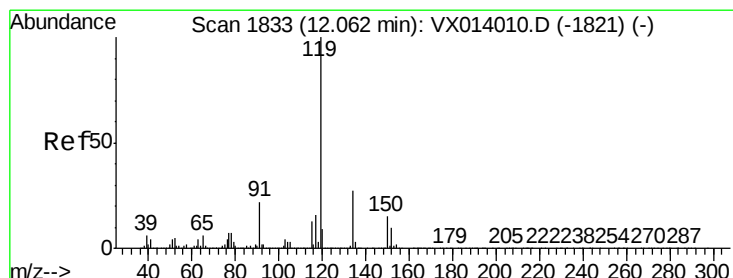
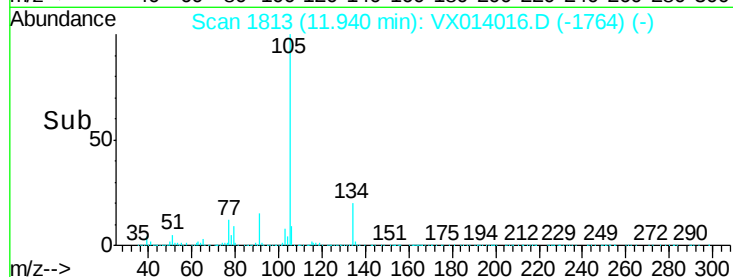
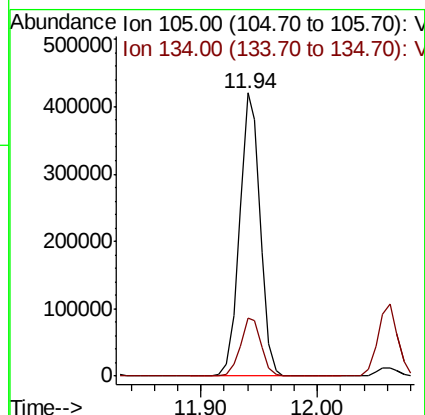
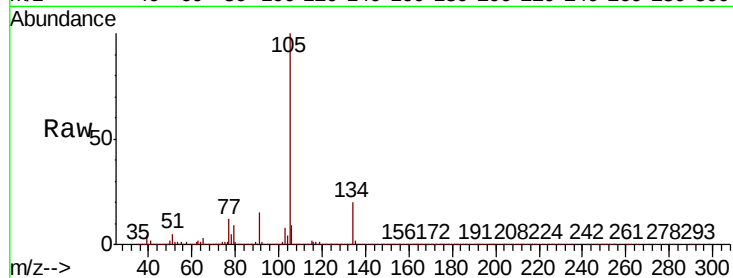
134 20.9 10.4 31.1

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#86

p-Isopropyltoluene

Concen: 19.437 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX014016.D

Acq: 13 Dec 2019 19:45

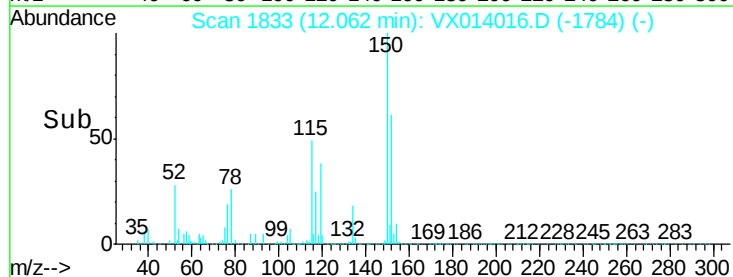
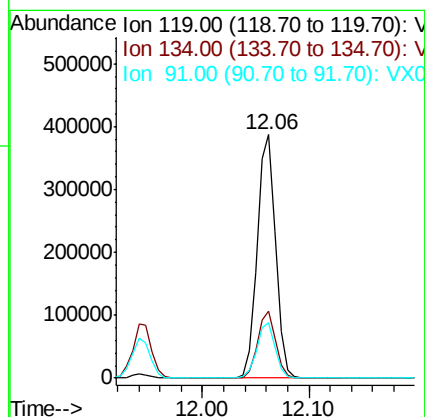
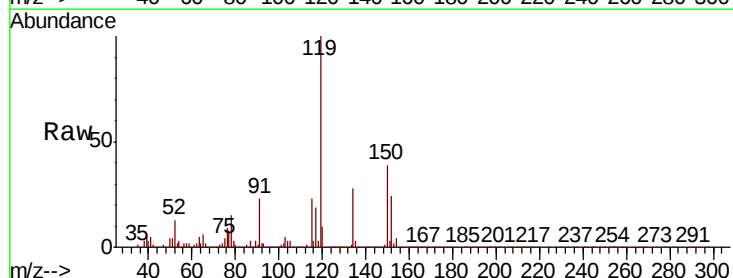
Tgt Ion:119 Resp: 469065

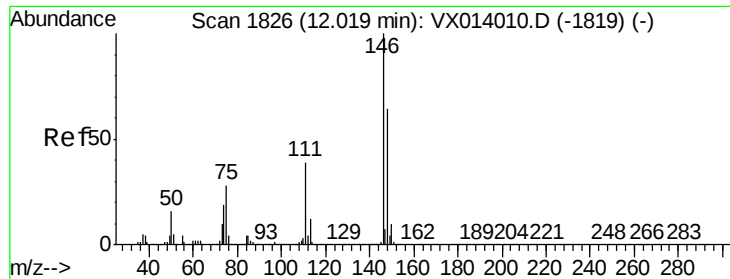
Ion Ratio Lower Upper

119 100

134 26.9 13.4 40.1

91 22.8 11.4 34.1





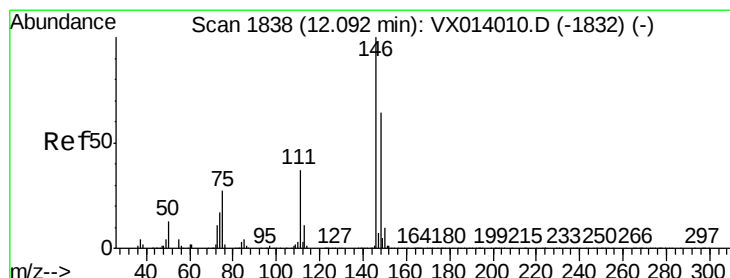
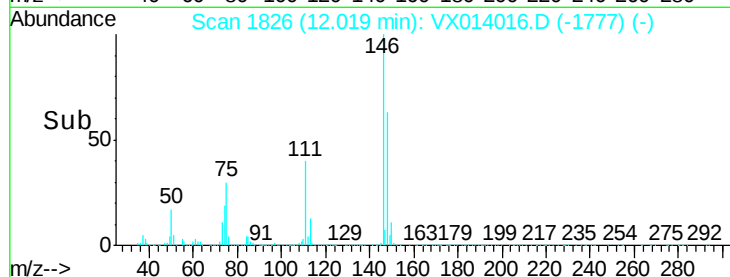
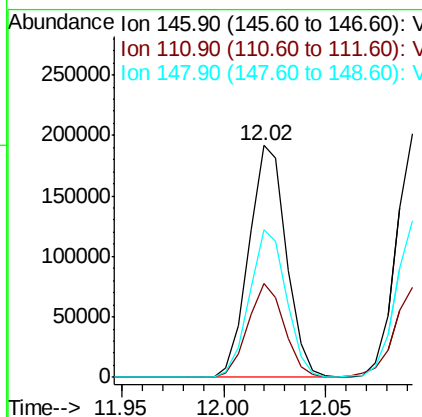
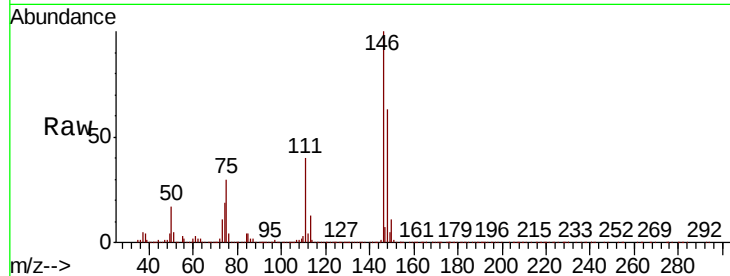
#87
 1,3-Dichlorobenzene
 Concen: 18.602 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX014016.D
 Acq: 13 Dec 2019 19:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1213WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.9	19.1	57.1
148	63.0	32.3	96.9

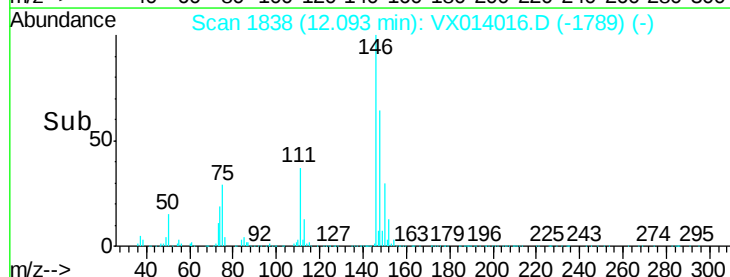
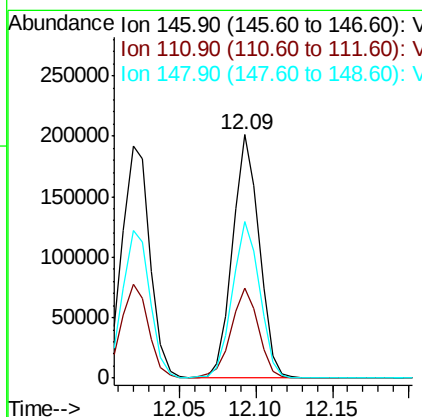
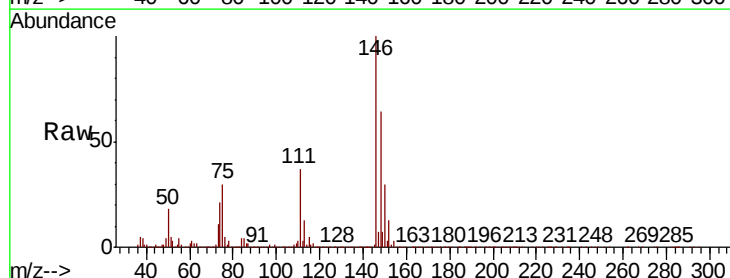
Manual Integrations
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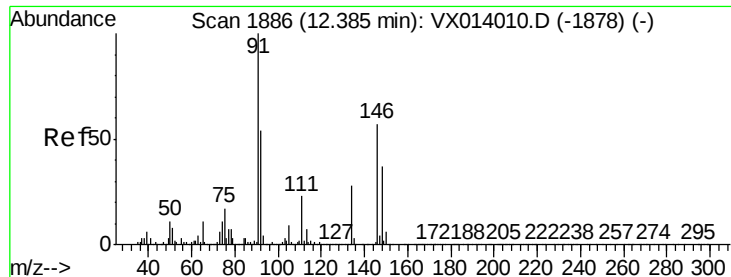
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#88
 1,4-Dichlorobenzene
 Concen: 18.085 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX014016.D
 Acq: 13 Dec 2019 19:45

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.1	18.7	56.1
148	66.5	31.9	95.9





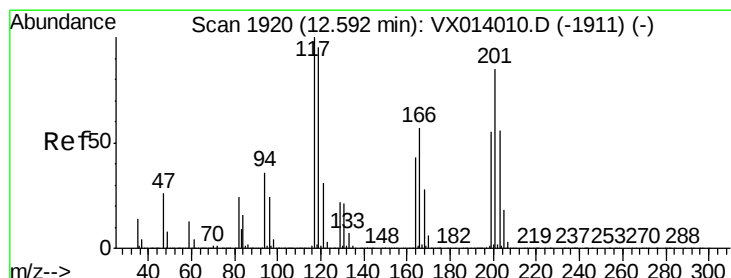
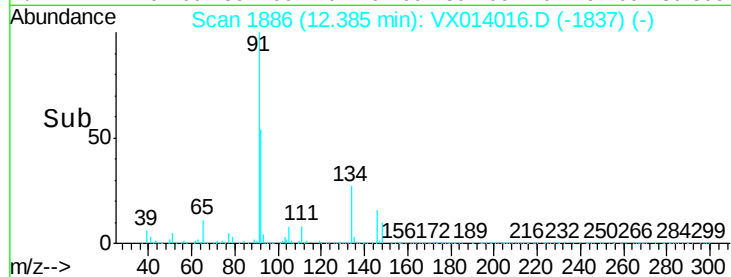
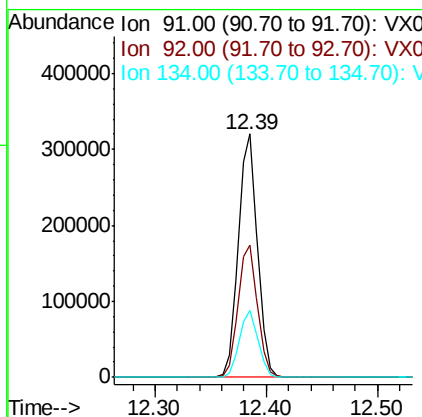
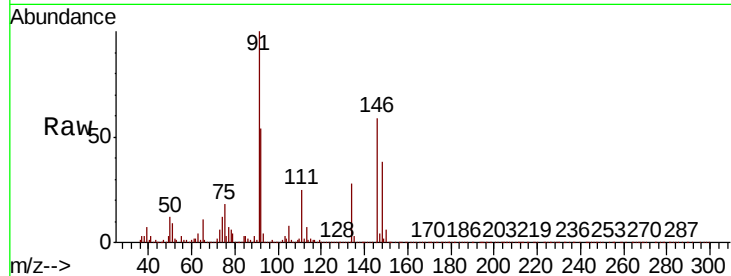
#89
n-Butylbenzene
Concen: 18.513 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX014016.D
Acq: 13 Dec 2019 19:45

Instrument :
MSVOA_X
ClientSampleId :
VX1213WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
91	100	381211		
92	54.8	27.2	81.6	
134	26.9	13.4	40.1	

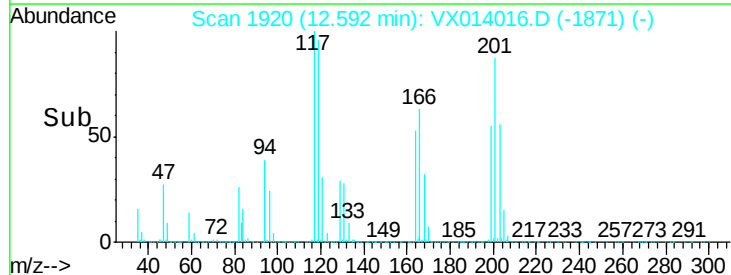
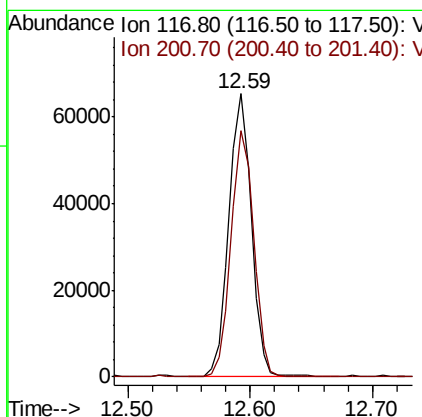
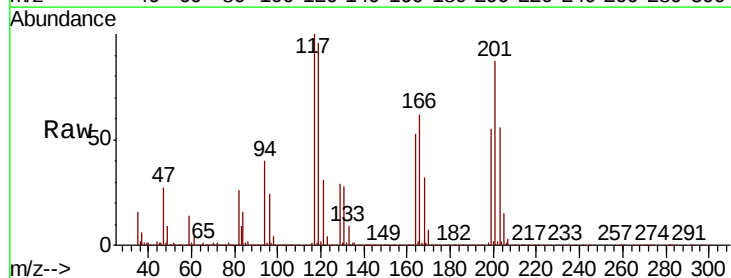
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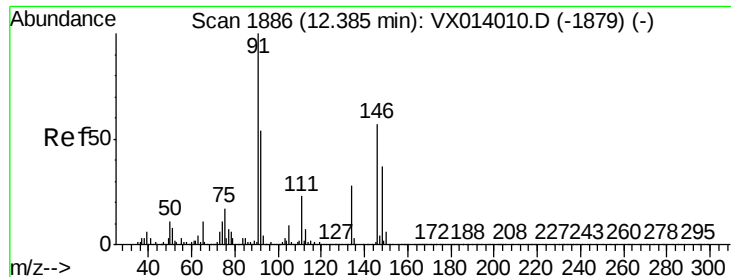
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#90
Hexachloroethane
Concen: 19.089 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX014016.D
Acq: 13 Dec 2019 19:45

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	82743		
201	88.1	43.1	129.3	





#91

1,2-Dichlorobenzene

Concen: 18.748 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX014016.D

Acq: 13 Dec 2019 19:45

Instrument :

MSVOA_X

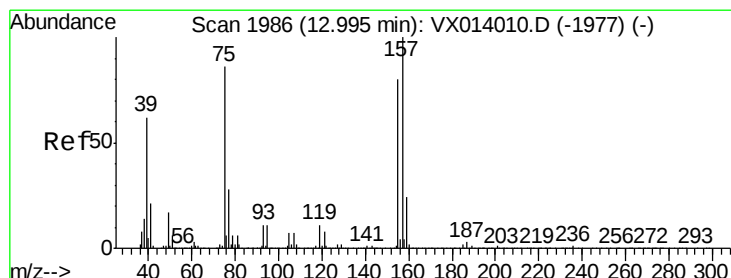
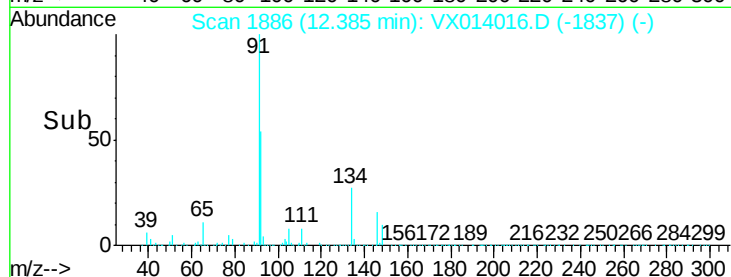
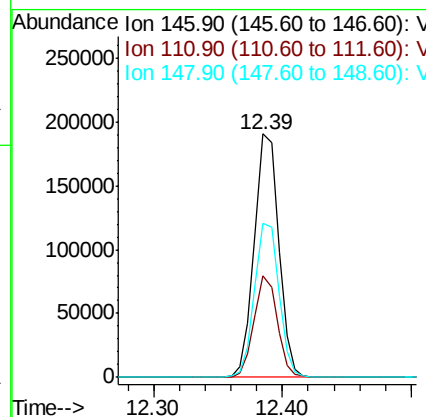
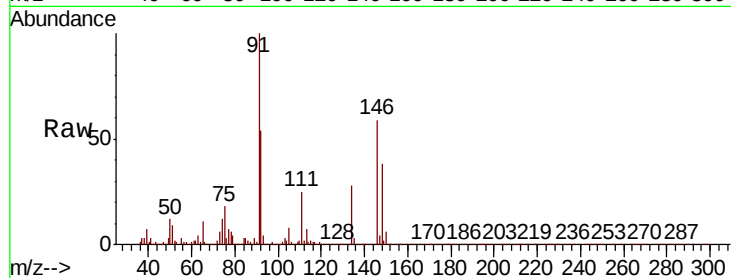
ClientSampleId :

VX1213WBSD01

Tot Ion:	146	Resp:	248308
Ion Ratio	Lower	Upper	
146	100		
111	39.8	19.7	59.1
148	63.8	32.1	96.5

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#92

1,2-Dibromo-3-Chloropropane

Concen: 17.745 ug/l

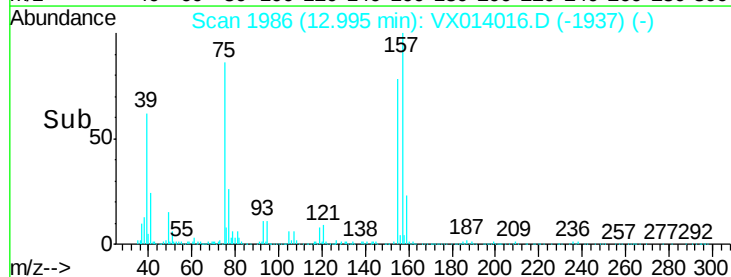
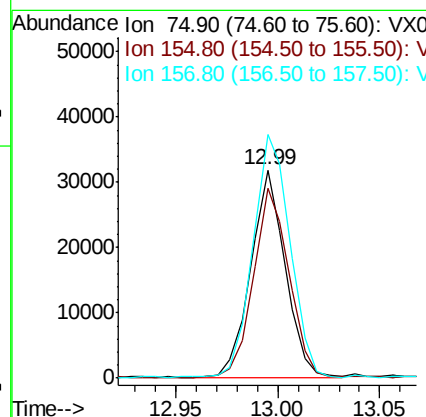
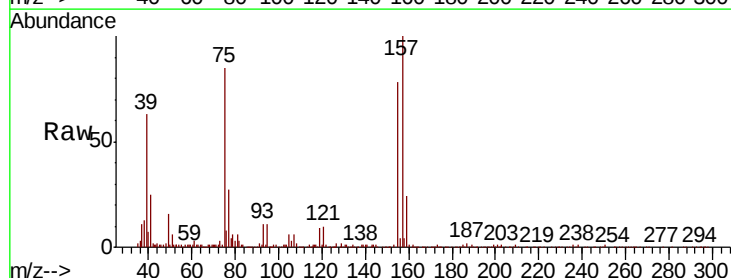
RT: 12.99 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VX014016.D

Acq: 13 Dec 2019 19:45

Tgt Ion:	75	Resp:	37147
Ion Ratio	Lower	Upper	
75	100		
155	95.7	46.9	140.6
157	125.8	60.8	182.4





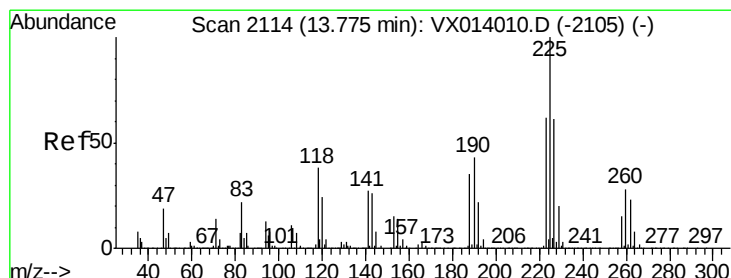
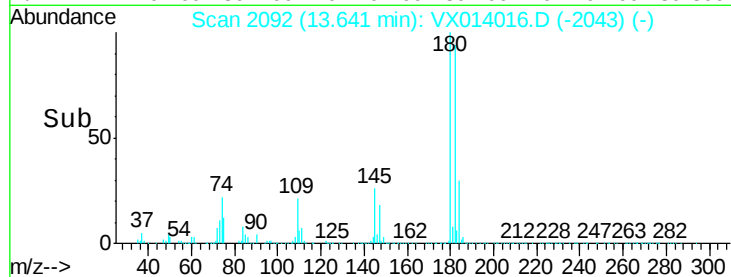
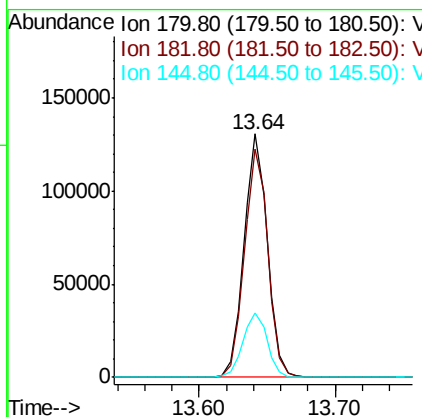
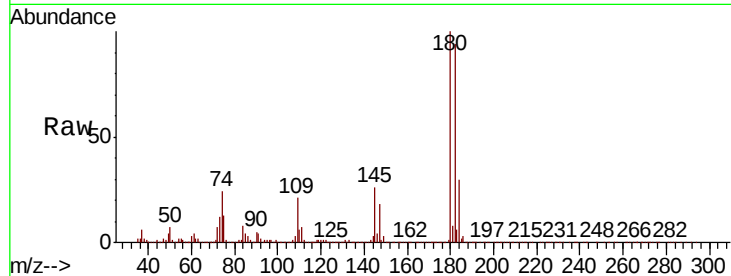
#93
 1,2,4-Trichlorobenzene
 Concen: 18.025 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX014016.D
 Acq: 13 Dec 2019 19:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1213WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	155171		
182	94.9	46.6	139.8	
145	27.7	14.2	42.6	

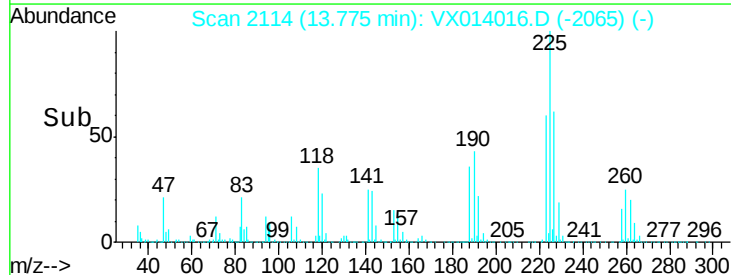
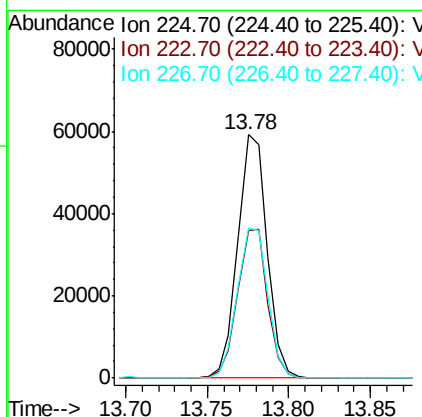
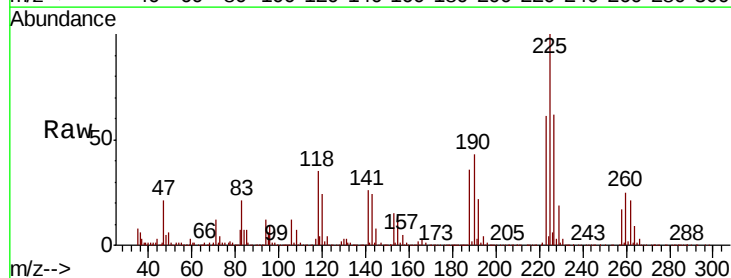
Manual Integrations
 APPROVED

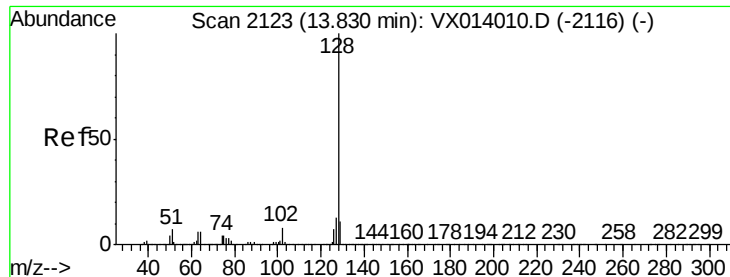
apatel
 12/17/2019 2:48:53 PM



#94
 Hexachlorobutadiene
 Concen: 17.996 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX014016.D
 Acq: 13 Dec 2019 19:45

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	74453		
223	62.7	30.9	92.5	
227	64.6	30.9	92.7	





#95

Naphthalene

Concen: 19.172 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. 0.00 min

Lab File: VX014016.D

Acq: 13 Dec 2019 19:45

Instrument :

MSVOA_X

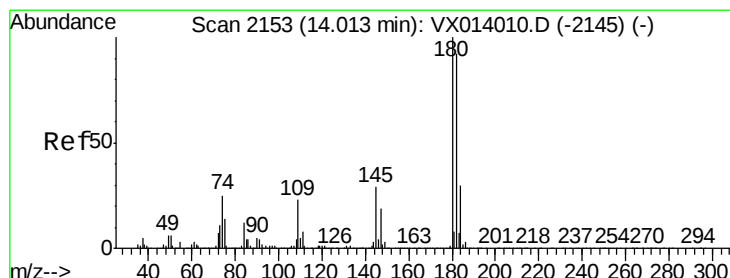
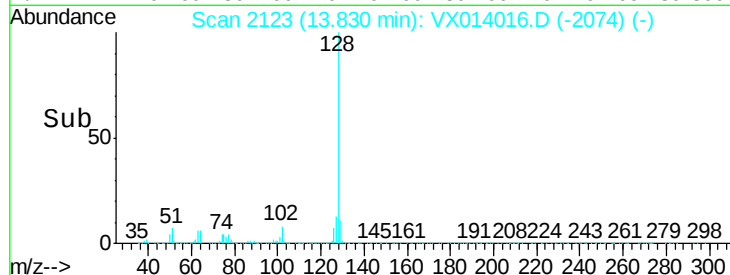
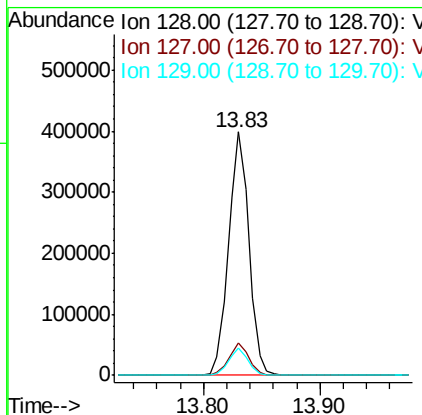
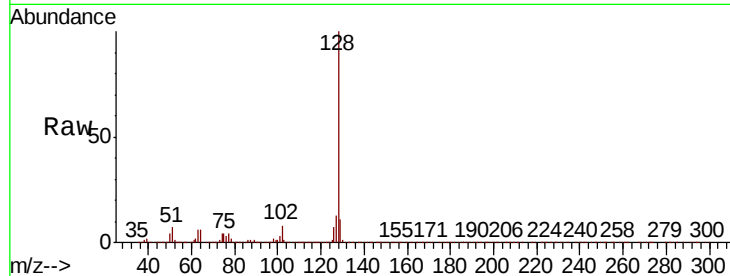
ClientSampleId :

VX1213WBSD01

Tot Ion:	128	Resp:	484900
Ion Ratio	Lower	Upper	
128	100		
127	12.9	10.2	15.4
129	10.6	8.7	13.1

Manual Integrations
APPROVED

apatel
12/17/2019 2:48:53 PM



#96

1,2,3-Trichlorobenzene

Concen: 19.041 ug/l

RT: 14.01 min Scan# 2153

Delta R.T. 0.00 min

Lab File: VX014016.D

Acq: 13 Dec 2019 19:45

Tgt Ion:	180	Resp:	161807
Ion Ratio	Lower	Upper	
180	100		
182	94.2	46.8	140.3
145	28.4	14.8	44.4

