

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX122719\
 Data File : VX014333.D
 Acq On : 28 Dec 2019 01:50
 Operator : JC/SP
 Sample : VX1227WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1227WBSD02

Manual Integrations
 APPROVED

apatel
 12/30/2019 11:05:02 AM

Quant Time: Dec 30 06:55:28 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	467510	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	730549	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	659438	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	314444	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	259699	49.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.02%	
35) Dibromofluoromethane	5.49	113	212167	47.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.56%	
50) Toluene-d8	8.71	98	834993	48.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.58%	
62) 4-Bromofluorobenzene	11.13	95	294684	46.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.26%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.19	85	67388	16.112	ug/l 99
3) Chloromethane	1.32	50	105425	18.782	ug/l 100
4) Vinyl Chloride	1.40	62	108585	18.334	ug/l 98
5) Bromomethane	1.64	94	69812	16.608	ug/l 97
6) Chloroethane	1.72	64	69719	19.073	ug/l 94
7) Trichlorofluoromethane	1.92	101	140221	19.125	ug/l 99
8) Diethyl Ether	2.18	74	67207	19.532	ug/l 99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	81830	18.515	ug/l 99
10) Methyl Iodide	2.50	142	97742	18.512	ug/l 96
11) Tert butyl alcohol	3.03	59	109842	95.940	ug/l 99
12) 1,1-Dichloroethene	2.37	96	85321	18.972	ug/l 94
13) Acrolein	2.28	56	51622	78.767	ug/l 98
14) Allyl chloride	2.72	41	154633	19.258	ug/l 99
15) Acrylonitrile	3.13	53	278667	104.281	ug/l 100
16) Acetone	2.43	43	309389	89.941	ug/l 98
17) Carbon Disulfide	2.56	76	208693	17.215	ug/l 99
18) Methyl Acetate	2.76	43	148218	21.744	ug/l 99
19) Methyl tert-butyl Ether	3.19	73	297241	20.114	ug/l 100
20) Methylene Chloride	2.85	84	103562	19.118	ug/l 98
21) trans-1,2-Dichloroethene	3.15	96	91865	18.542	ug/l 99
22) Diisopropyl ether	3.84	45	332268	20.766	ug/l 90
23) Vinyl Acetate	3.81	43	748912	57.354	ug/l 99
24) 1,1-Dichloroethane	3.69	63	176167	19.789	ug/l 100
25) 2-Butanone	4.66	43	415455	97.961	ug/l 98
26) 2,2-Dichloropropane	4.57	77	104640	15.139	ug/l 96
27) cis-1,2-Dichloroethene	4.59	96	110815	19.777	ug/l 96
28) Bromochloromethane	5.01	49	72839	21.536	ug/l 95
29) Tetrahydrofuran	5.12	42	254184	107.155	ug/l 97
30) Chloroform	5.20	83	170797	20.239	ug/l 94
31) Cyclohexane	5.58	56	153823	19.428	ug/l 97
32) 1,1,1-Trichloroethane	5.48	97	139200	19.354	ug/l 99
36) 1,1-Dichloropropene	5.79	75	123593	18.438	ug/l 98
37) Ethyl Acetate	4.83	43	151496	20.466	ug/l 100
38) Carbon Tetrachloride	5.78	117	114445	18.741	ug/l 100

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 Quant Title : SW846 8260
 QLast Update : Tue Dec 17 03:01:07 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	143515	17.339	ug/l	96
40) Benzene	6.14	78	402747	19.527	ug/l	99
41) Methacrylonitrile	5.03	41	84102	20.477	ug/l	97
42) 1,2-Dichloroethane	6.18	62	136714	19.555	ug/l	100
43) Isopropyl Acetate	6.43	43	242839	19.823	ug/l	100
44) Trichloroethene	7.21	130	115907	20.346	ug/l	98
45) 1,2-Dichloropropane	7.51	63	104569	19.781	ug/l	97
46) Dibromomethane	7.65	93	68100	19.485	ug/l	96
47) Bromodichloromethane	7.89	83	127260	19.333	ug/l	100
48) Methyl methacrylate	7.76	41	118181	19.701	ug/l	96
49) 1,4-Dioxane	7.73	88	48241	395.179	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	771493	100.280	ug/l	99
52) Toluene	8.78	92	248419	19.056	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	133645	18.516	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	151615	18.855	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	102670	19.650	ug/l	97
56) Ethyl methacrylate	9.17	69	157249	19.160	ug/l	99
57) 1,3-Dichloropropane	9.37	76	175801	19.998	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	298550	96.121	ug/l	99
59) 2-Hexanone	9.48	43	600855	97.018	ug/l	98
60) Dibromochloromethane	9.58	129	101174	19.481	ug/l	100
61) 1,2-Dibromoethane	9.67	107	104912	19.625	ug/l	98
64) Tetrachloroethene	9.33	164	156578	26.833	ug/l	98
65) Chlorobenzene	10.14	112	264308	18.851	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	97340	19.443	ug/l	99
67) Ethyl Benzene	10.25	91	460964	19.122	ug/l	100
68) m/p-Xylenes	10.35	106	353174	38.093	ug/l	99
69) o-Xylene	10.70	106	171517	18.863	ug/l	99
70) Styrene	10.71	104	288541	18.766	ug/l	99
71) Bromoform	10.85	173	74907	18.614	ug/l	99
73) Isopropylbenzene	11.01	105	452534	20.440	ug/l	100
74) N-amyl acetate	10.89	43	200634	19.333	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	138304	18.019	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	129301m	18.941	ug/l	
77) Bromobenzene	11.25	156	118527	19.458	ug/l	99
78) n-propylbenzene	11.35	91	506214	20.385	ug/l	100
79) 2-Chlorotoluene	11.42	91	306835	20.326	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	373302	20.035	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	41338	17.092	ug/l	91
82) 4-Chlorotoluene	11.51	91	347939	19.871	ug/l	99
83) tert-Butylbenzene	11.76	119	316988	17.482	ug/l	92
84) 1,2,4-Trimethylbenzene	11.80	105	375030	20.099	ug/l	100
85) sec-Butylbenzene	11.94	105	430274	20.101	ug/l	100
86) p-Isopropyltoluene	12.06	119	386934	19.761	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	203894	19.099	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	204128	18.805	ug/l	99
89) n-Butylbenzene	12.38	91	322008	19.273	ug/l	99
90) Hexachloroethane	12.59	117	65759	18.697	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	210299	19.568	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	30403	17.899	ug/l	97

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ClientSampleId :
VX1227WBSD02

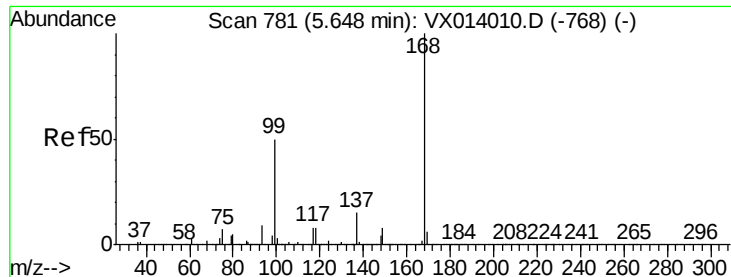
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	132063	18.907	ug/l	98
94) Hexachlorobutadiene	13.77	225	62338	18.570	ug/l	98
95) Naphthalene	13.83	128	402755	19.625	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	133963	19.429	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX014333.D

Acq: 28 Dec 2019 01:50

Instrument :

MSVOA_X

ClientSampleId :

VX1227WBSD02

Tot Ion:168 Resp: 467510

Ion Ratio Lower Upper

168 100

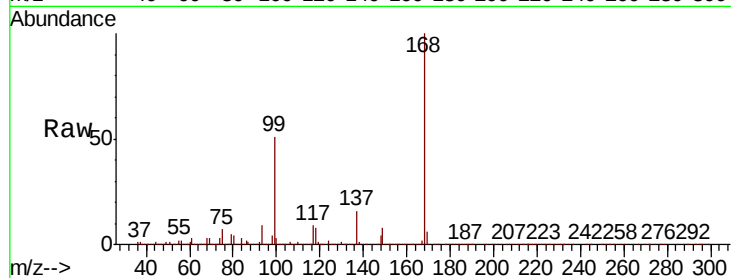
99 51.0 40.3 60.5

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

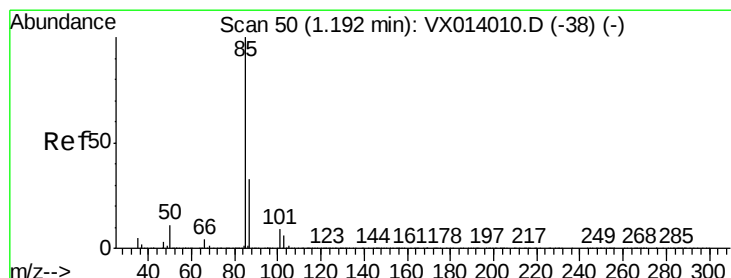
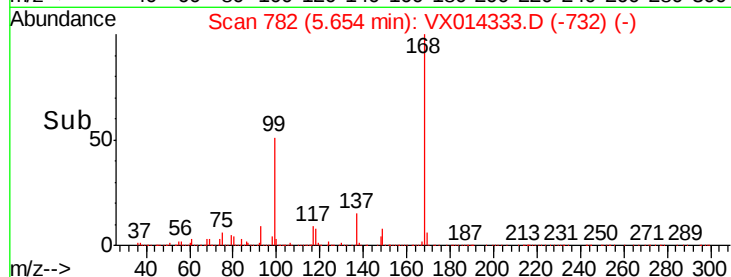
150000

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 16.112 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX014333.D

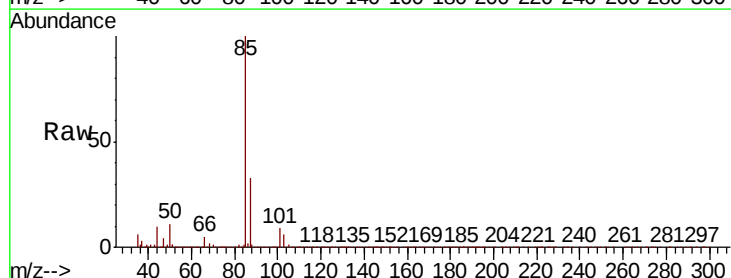
Acq: 28 Dec 2019 01:50

Tgt Ion: 85 Resp: 67388

Ion Ratio Lower Upper

85 100

87 32.5 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

80000

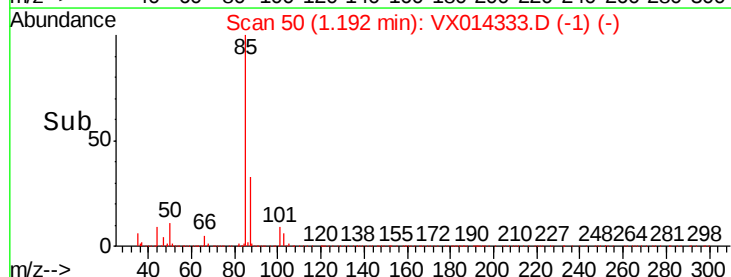
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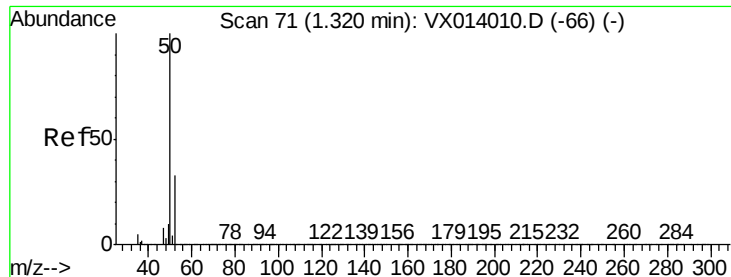
40000

20000

0

Time--> 1.10 1.15 1.20 1.25





#3

Chloromethane

Concen: 18.782 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX014333.D

Acq: 28 Dec 2019 01:50

Instrument :

MSVOA_X

ClientSampleId :

VX1227WBSD02

Tot Ion: 50 Resp: 105425

Ion Ratio Lower Upper

50 100

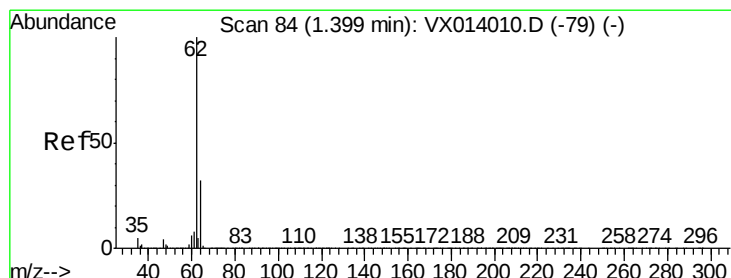
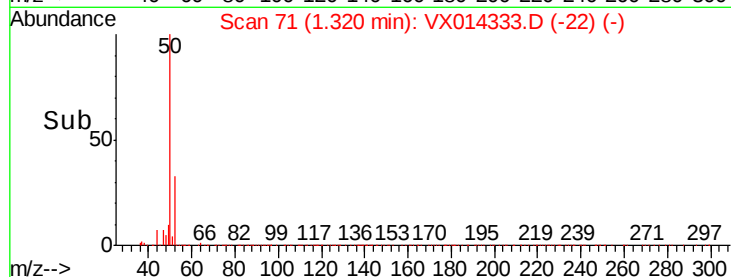
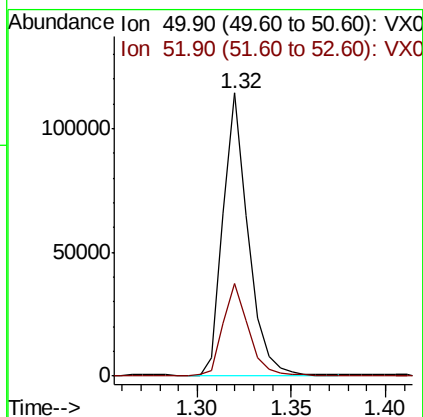
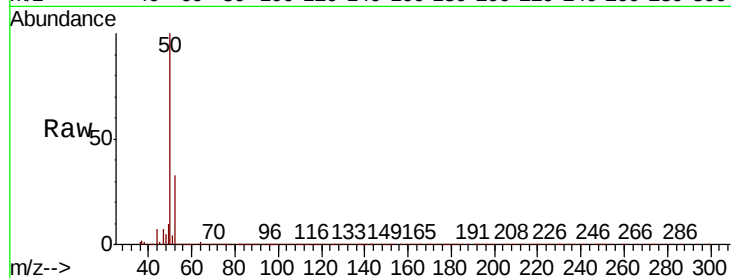
52 32.8 26.2 39.4

Manual Integrations

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#4

Vinyl Chloride

Concen: 18.334 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX014333.D

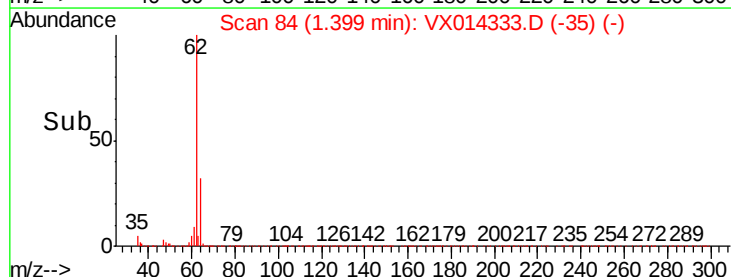
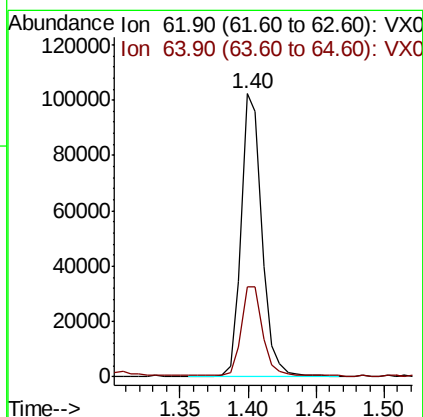
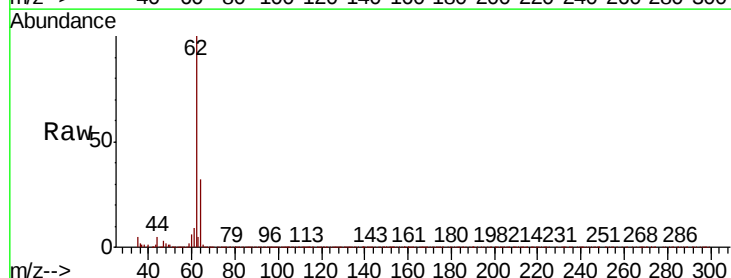
Acq: 28 Dec 2019 01:50

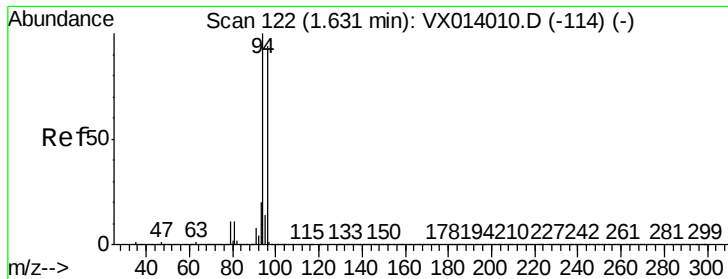
Tgt Ion: 62 Resp: 108585

Ion Ratio Lower Upper

62 100

64 31.3 25.7 38.5





#5

Bromomethane

Concen: 16.608 ug/l

RT: 1.64 min Scan# 123

Delta R.T. 0.01 min

Lab File: VX014333.D

Acq: 28 Dec 2019 01:50

Instrument :

MSVOA_X

ClientSampleId :

VX1227WBSD02

Tot Ion: 94 Resp: 69812

Ion Ratio Lower Upper

94 100

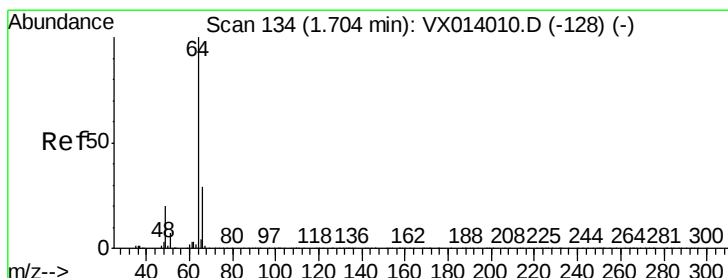
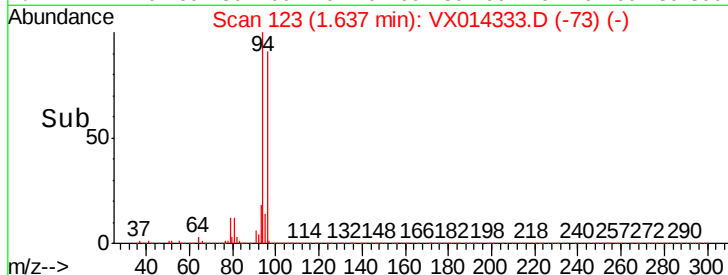
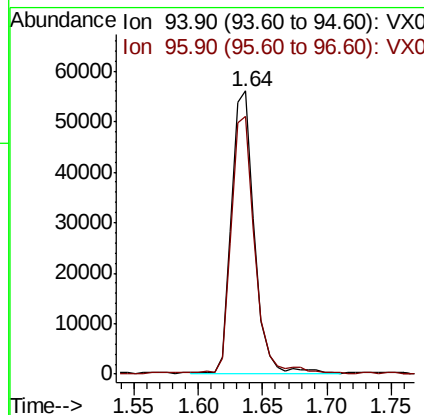
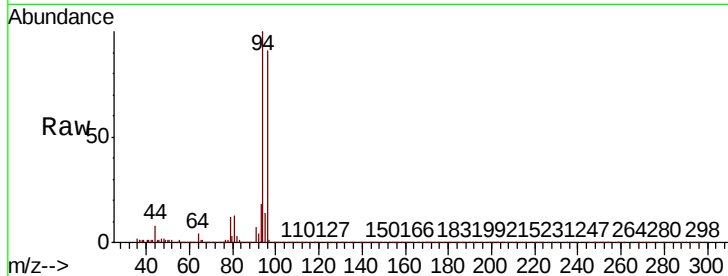
96 90.9 75.2 112.8

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#6

Chloroethane

Concen: 19.073 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX014333.D

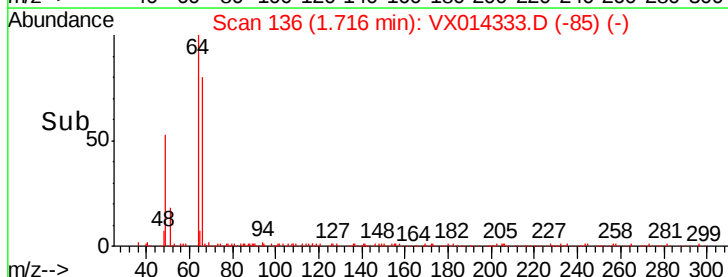
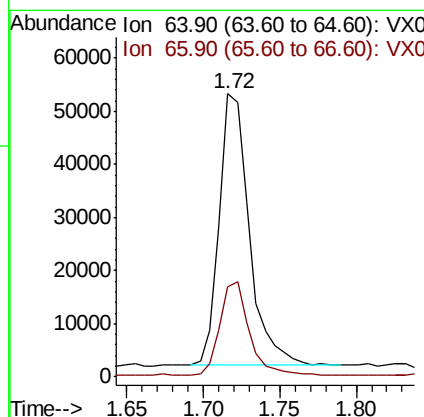
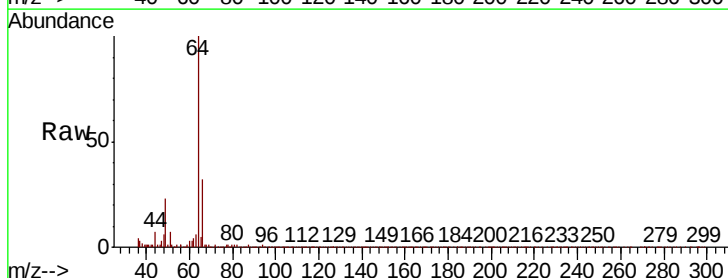
Acq: 28 Dec 2019 01:50

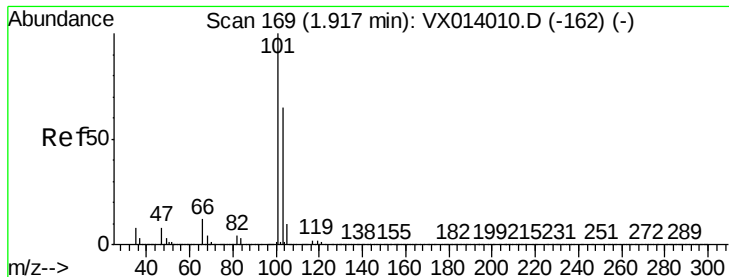
Tgt Ion: 64 Resp: 69719

Ion Ratio Lower Upper

64 100

66 32.6 23.4 35.2





#7

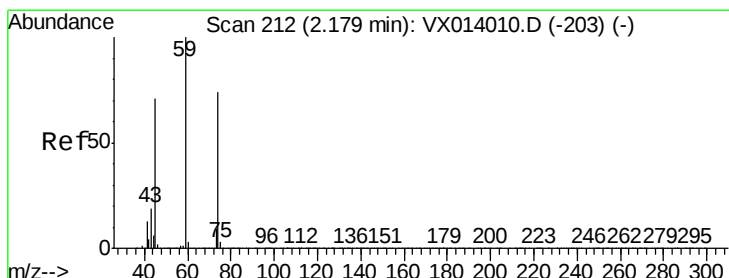
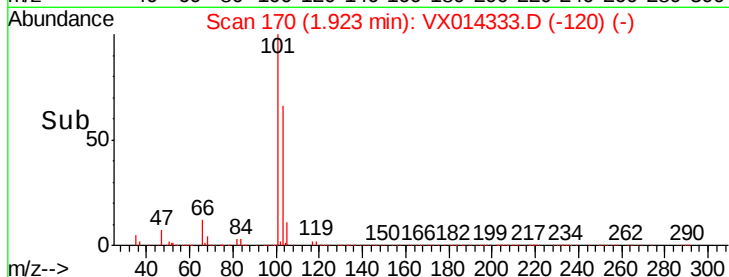
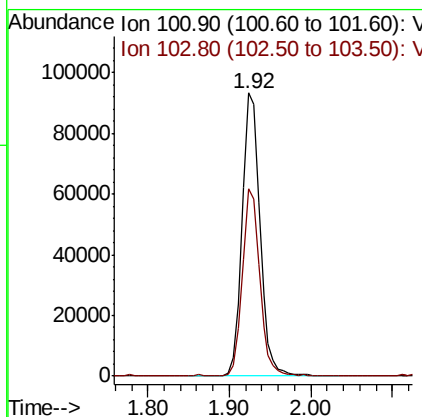
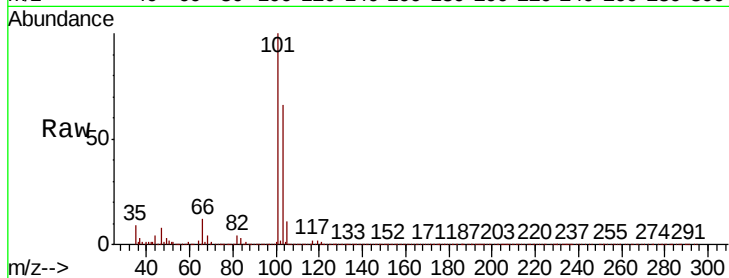
Trichlorofluoromethane
Concen: 19.125 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX014333.D
Acq: 28 Dec 2019 01:50

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ClientSampleId :
VX1227WBSD02

Tot Ion	Ratio	Lower	Upper
101	100		
103	66.0	52.2	78.4

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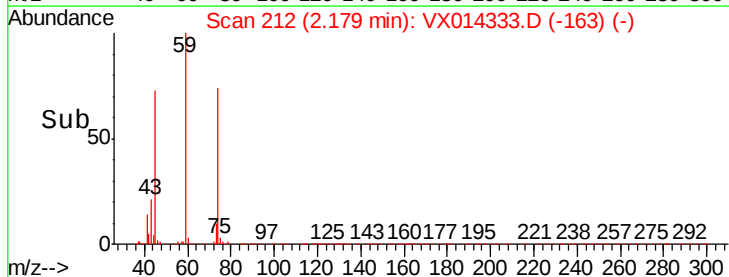
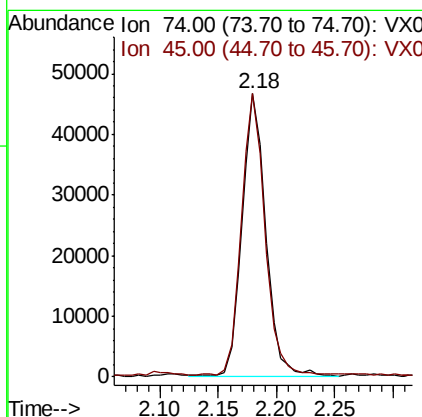
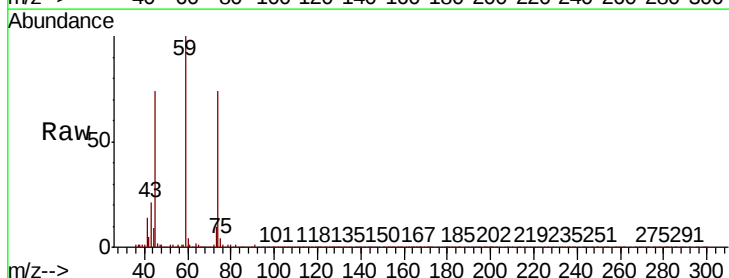
apatel
12/30/2019 11:05:02 AM

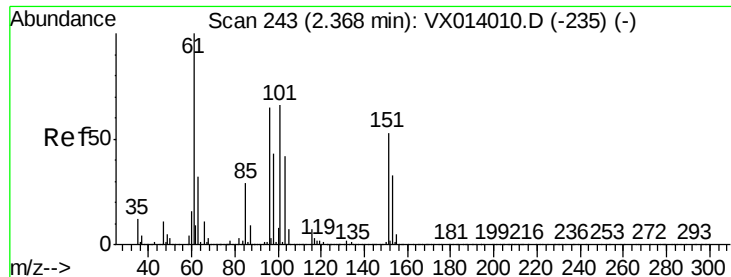


#8

Diethyl Ether
Concen: 19.532 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX014333.D
Acq: 28 Dec 2019 01:50

Tgt Ion	Ratio	Lower	Upper
74	100		
45	97.1	48.1	144.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.515 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX014333.D

Acq: 28 Dec 2019 01:50

Instrument :

MSVOA_X

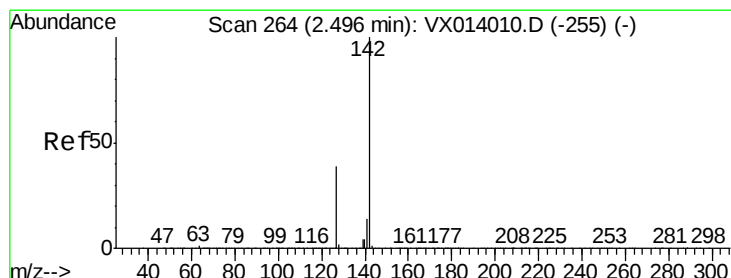
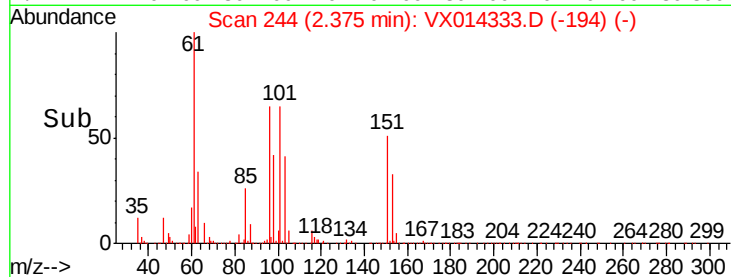
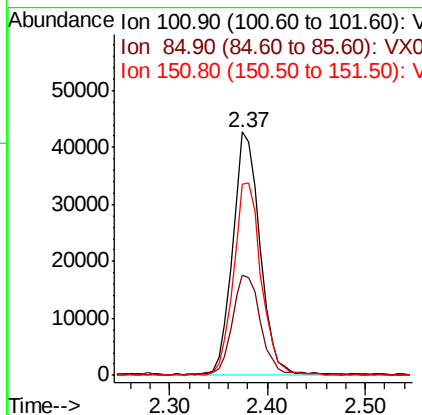
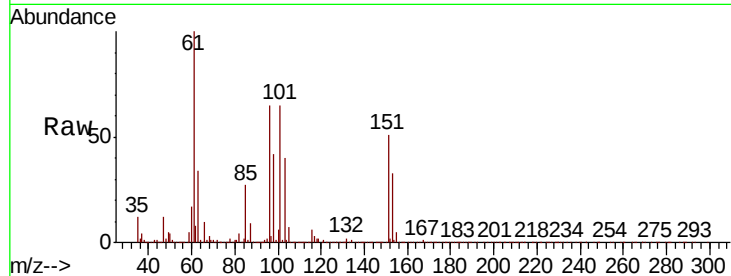
ClientSampleId :

VX1227WBSD02

Tot Ion:	101	Resp:	81830
Ion Ratio	Lower	Upper	
101	100		
85	43.1	33.7	50.5
151	81.8	64.5	96.7

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#10

Methyl Iodide

Concen: 18.512 ug/l

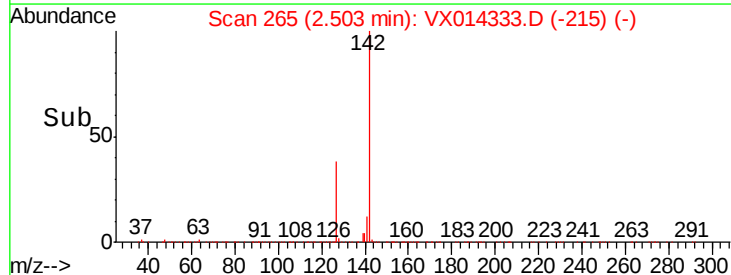
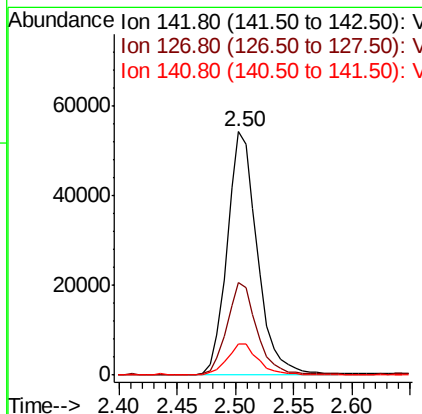
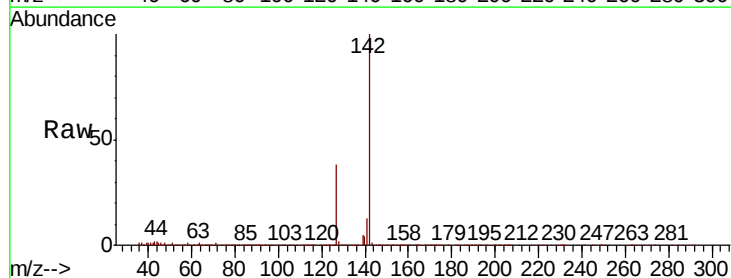
RT: 2.50 min Scan# 265

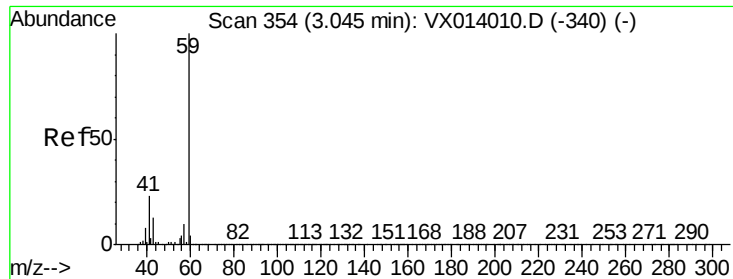
Delta R.T. 0.01 min

Lab File: VX014333.D

Acq: 28 Dec 2019 01:50

Tgt Ion:	142	Resp:	97742
Ion Ratio	Lower	Upper	
142	100		
127	37.0	31.6	47.4
141	13.1	11.6	17.4





#11

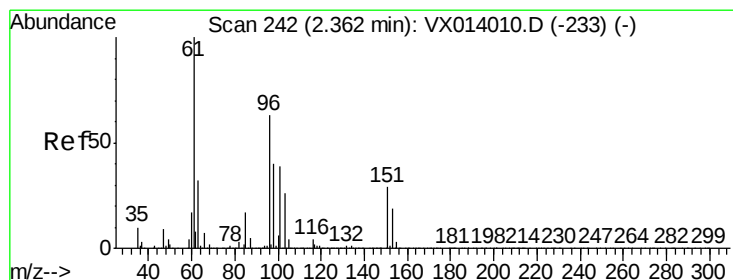
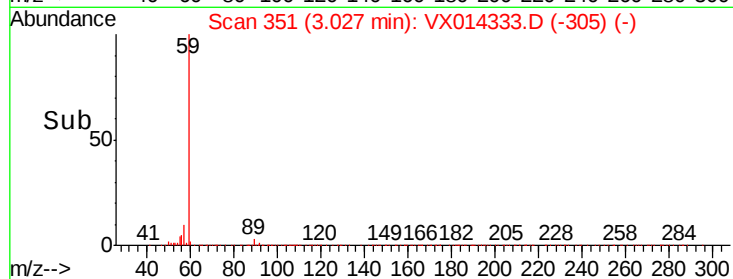
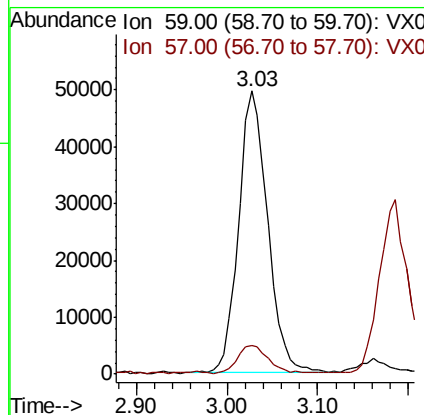
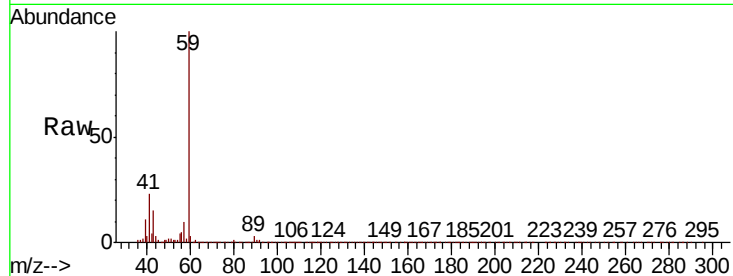
Tert butyl alcohol
 Concen: 95.940 ug/l
 RT: 3.03 min Scan# 351
 Delta R.T. -0.02 min
 Lab File: VX014333.D
 Acq: 28 Dec 2019 01:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1227WBSD02

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.2	8.4	12.6

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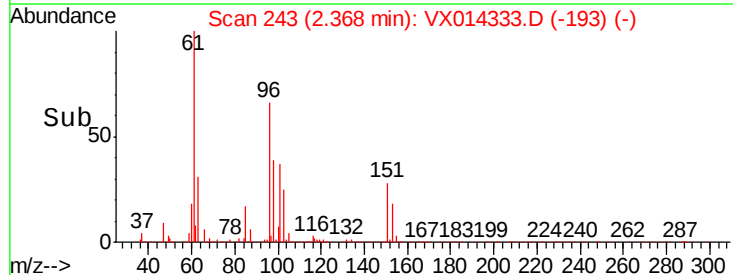
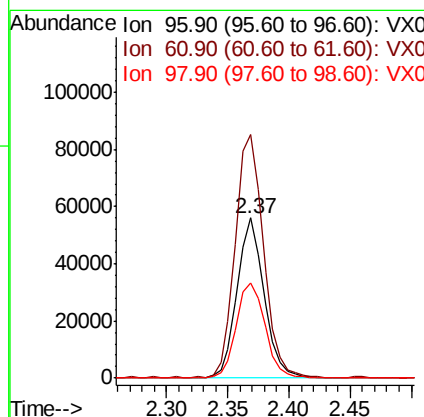
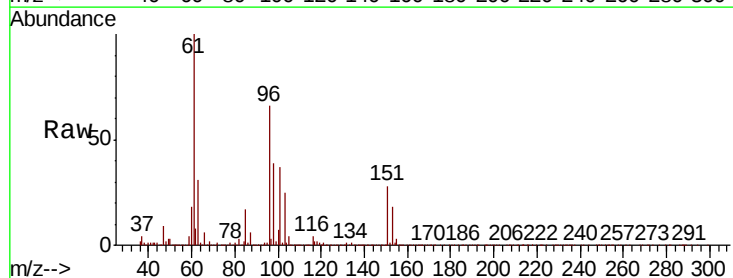
apatel
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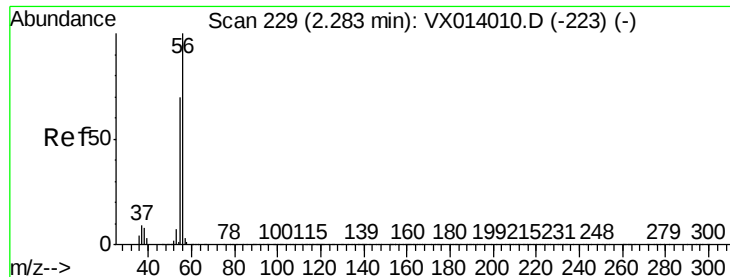


#12

1,1-Dichloroethene
 Concen: 18.972 ug/l
 RT: 2.37 min Scan# 243
 Delta R.T. 0.01 min
 Lab File: VX014333.D
 Acq: 28 Dec 2019 01:50

Tgt Ion	Ratio	Lower	Upper
96	100		
61	151.8	127.9	191.9
98	59.4	50.5	75.7





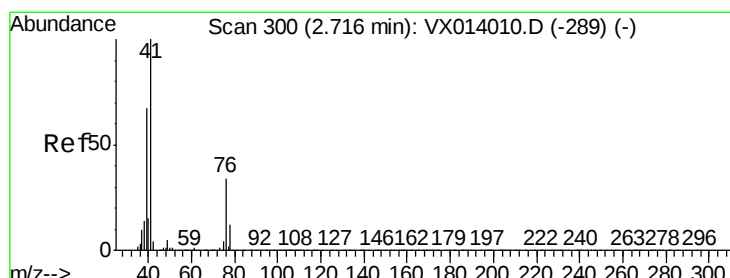
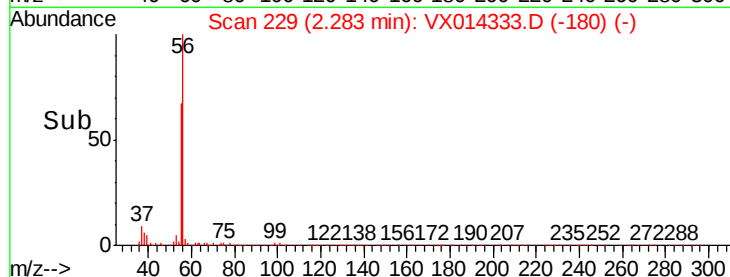
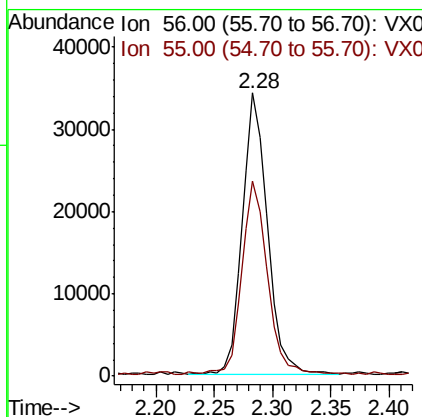
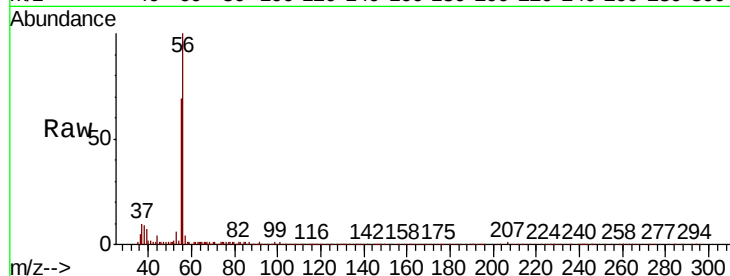
#13
Acrolein
Concen: 78.767 ug/l
RT: 2.28 min Scan# 229
Delta R.T. 0.00 min
Lab File: VX014333.D
Acq: 28 Dec 2019 01:50

Instrument :
MSVOA_X
ClientSampleId :
VX1227WBSD02

Tot Ion	Ratio	Lower	Upper
56	100		
55	69.3	56.9	85.3

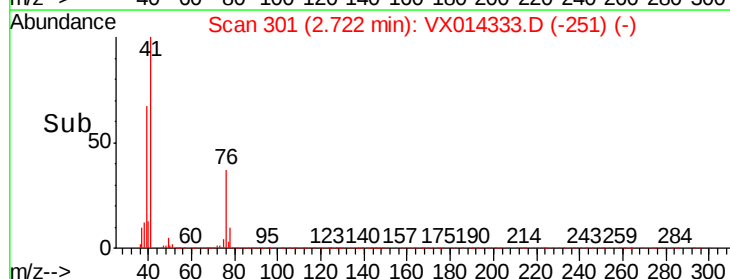
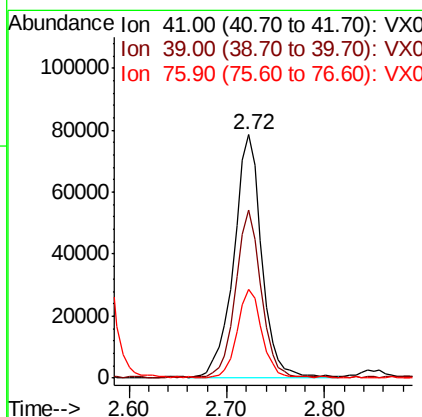
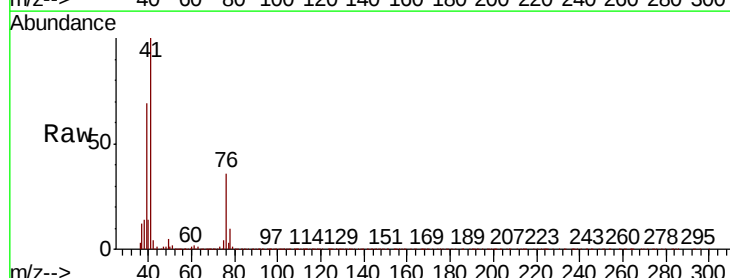
Manual Integrations
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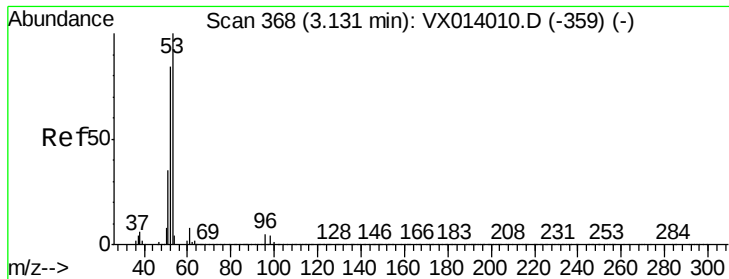
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#14
Allyl chloride
Concen: 19.258 ug/l
RT: 2.72 min Scan# 301
Delta R.T. 0.01 min
Lab File: VX014333.D
Acq: 28 Dec 2019 01:50

Tgt Ion	Ratio	Lower	Upper
41	100		
39	63.7	51.8	77.8
76	32.3	25.9	38.9





#15

Acrylonitrile

Concen: 104.281 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX014333.D

Acq: 28 Dec 2019 01:50

Instrument :

MSVOA_X

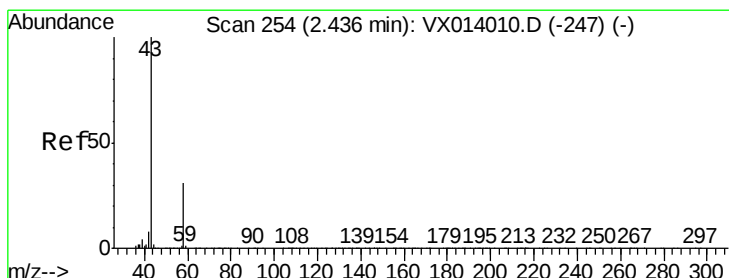
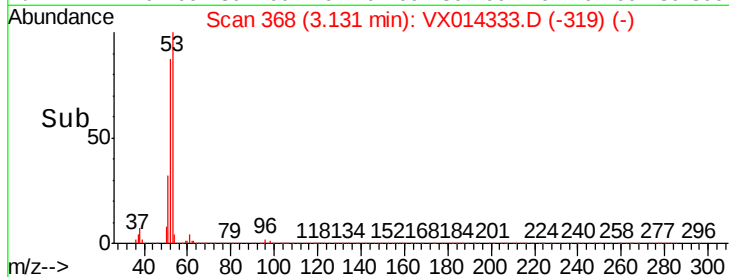
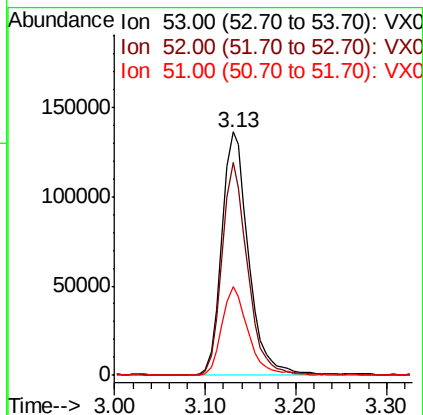
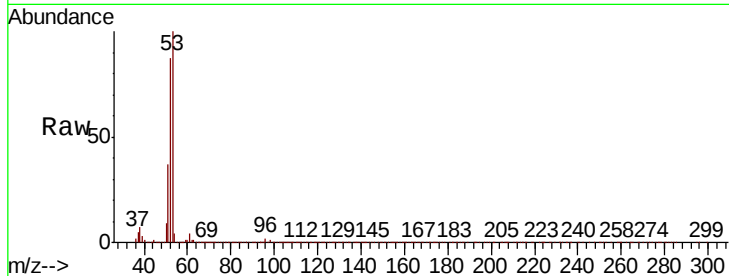
ClientSampleId :

VX1227WBSD02

Tot Ion:	53	Resp:	278667
Ion Ratio	Lower	Upper	
53	100		
52	83.0	66.5	99.7
51	35.8	28.1	42.1

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#16

Acetone

Concen: 89.941 ug/l

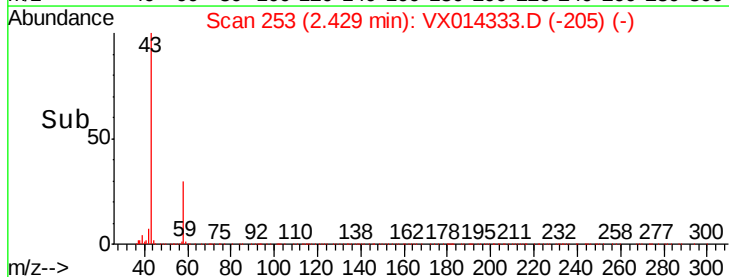
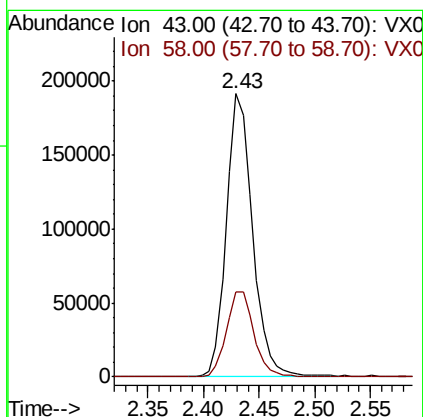
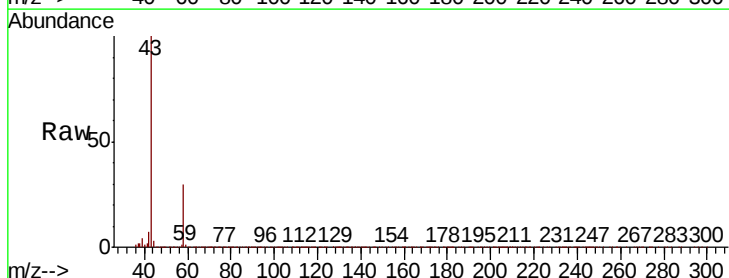
RT: 2.43 min Scan# 253

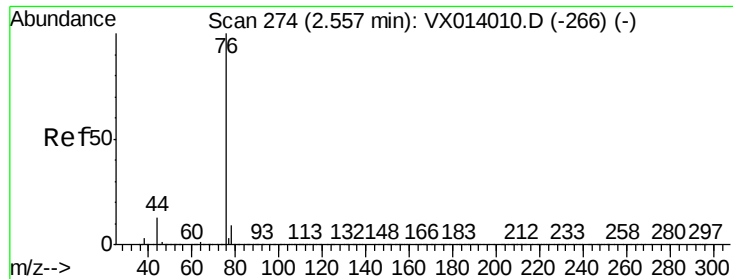
Delta R.T. -0.01 min

Lab File: VX014333.D

Acq: 28 Dec 2019 01:50

Tgt Ion:	43	Resp:	309389
Ion Ratio	Lower	Upper	
43	100		
58	29.8	24.9	37.3





#17

Carbon Disulfide

Concen: 17.215 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.01 min

Lab File: VX014333.D

Acq: 28 Dec 2019 01:50

Instrument :

MSVOA_X

ClientSampleId :

VX1227WBSD02

Tot Ion: 76 Resp: 208693

Ion Ratio Lower Upper

76 100

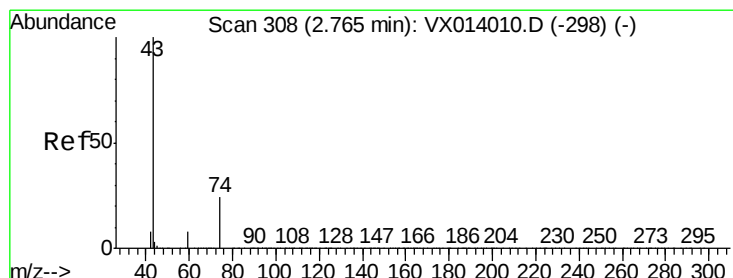
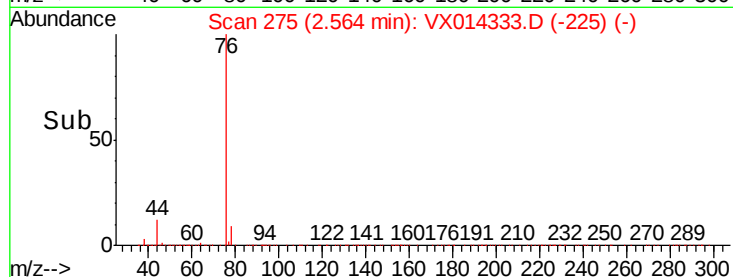
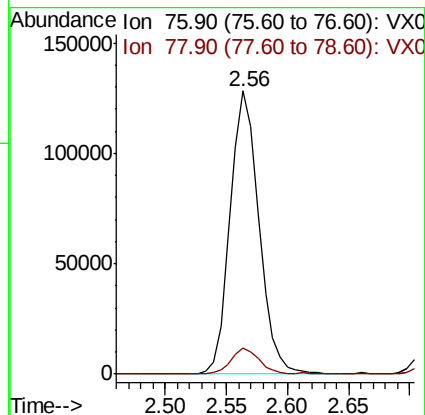
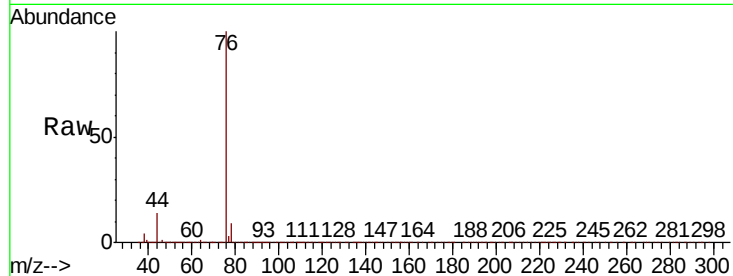
78 9.2 7.2 10.8

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#18

Methyl Acetate

Concen: 21.744 ug/l

RT: 2.76 min Scan# 308

Delta R.T. 0.00 min

Lab File: VX014333.D

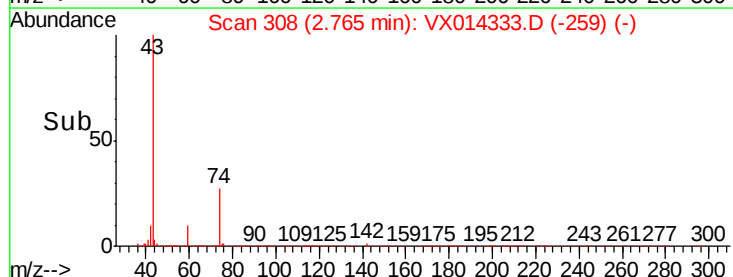
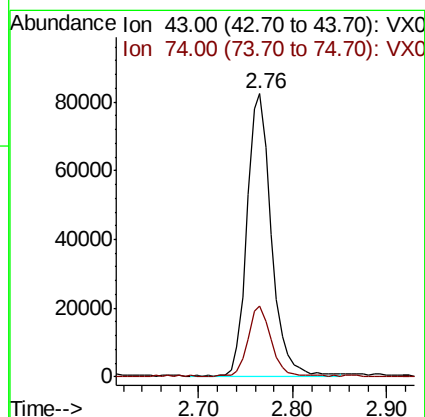
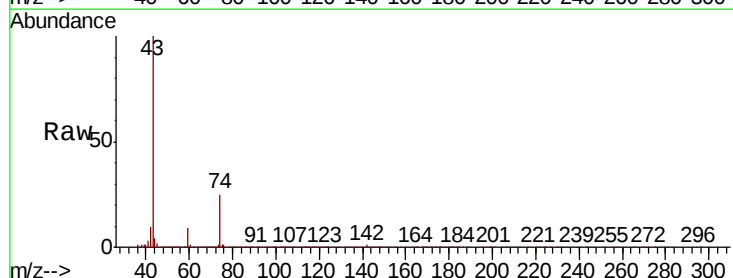
Acq: 28 Dec 2019 01:50

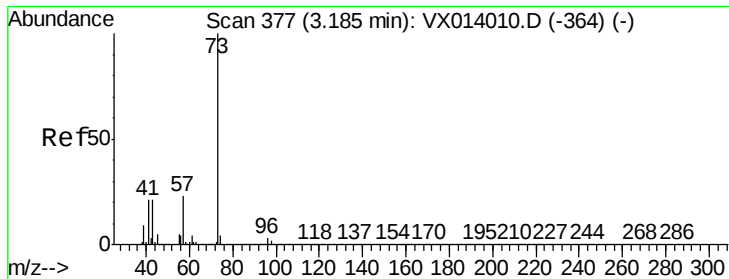
Tgt Ion: 43 Resp: 148218

Ion Ratio Lower Upper

43 100

74 23.7 19.5 29.3





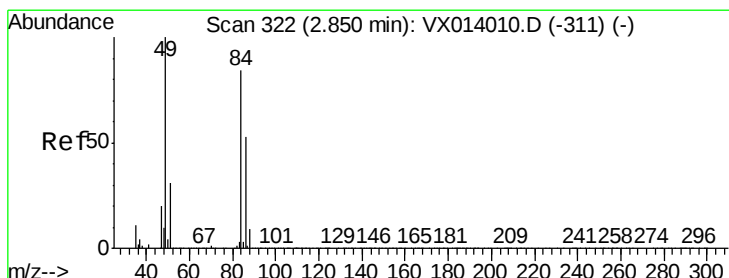
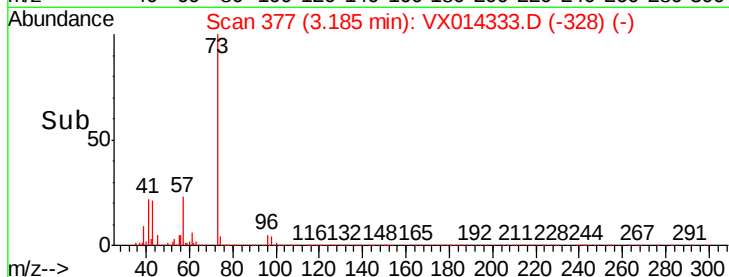
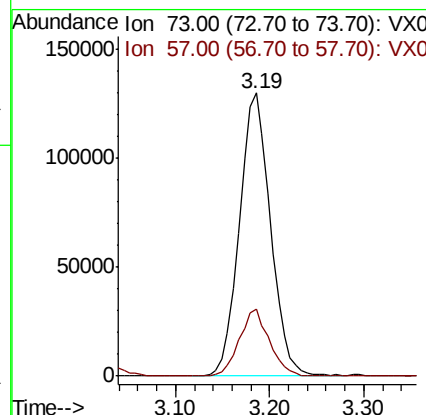
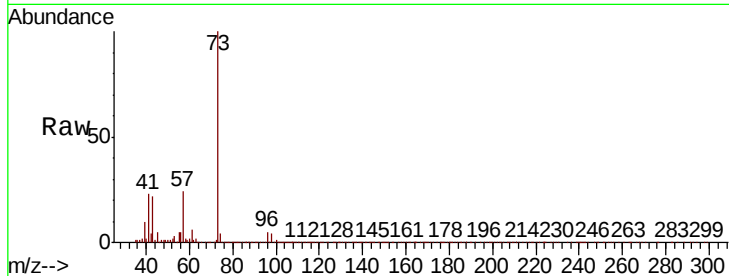
#19
Methyl tert-butyl Ether
Concen: 20.114 ug/l
RT: 3.19 min Scan# 377
Delta R.T. 0.00 min
Lab File: VX014333.D
Acq: 28 Dec 2019 01:50

Instrument :
MSVOA_X
ClientSampleId :
VX1227WBSD02

Tot Ion	Ratio	Lower	Upper
73	100		
57	23.4	18.8	28.2

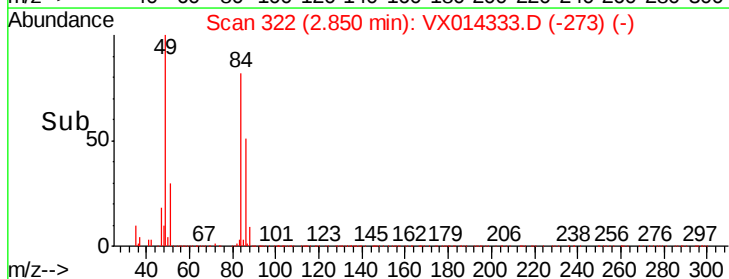
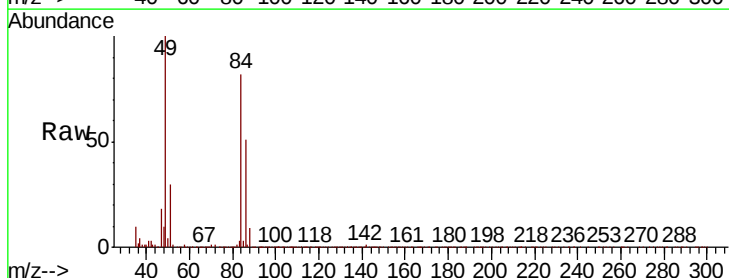
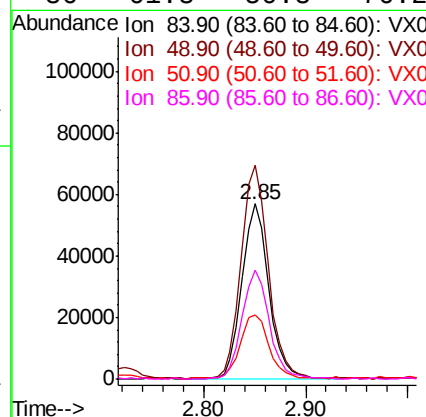
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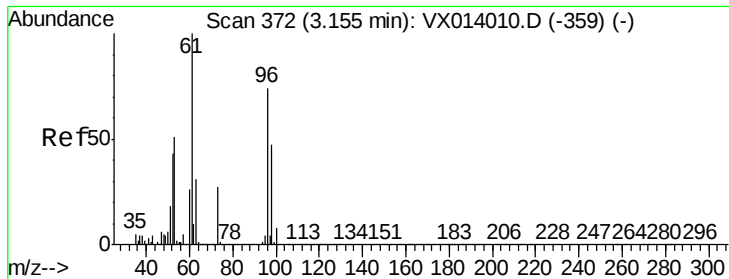
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#20
Methylene Chloride
Concen: 19.118 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.00 min
Lab File: VX014333.D
Acq: 28 Dec 2019 01:50

Tgt Ion	Ratio	Lower	Upper
84	100		
49	121.7	95.8	143.6
51	36.6	29.8	44.8
86	61.8	50.8	76.2





#21

trans-1,2-Dichloroethene

Concen: 18.542 ug/l

RT: 3.15 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX014333.D

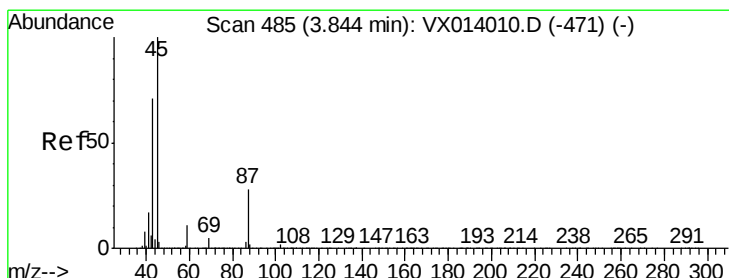
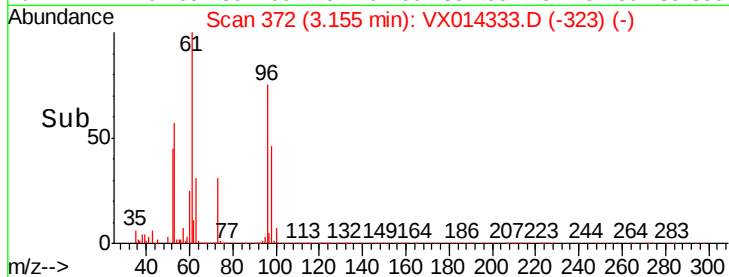
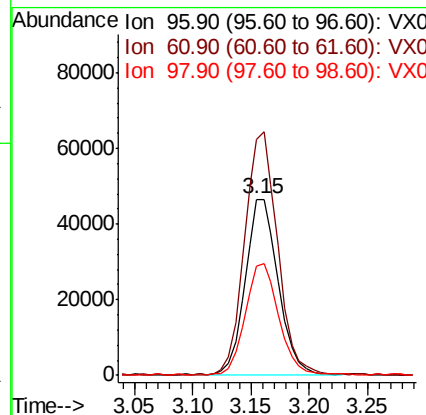
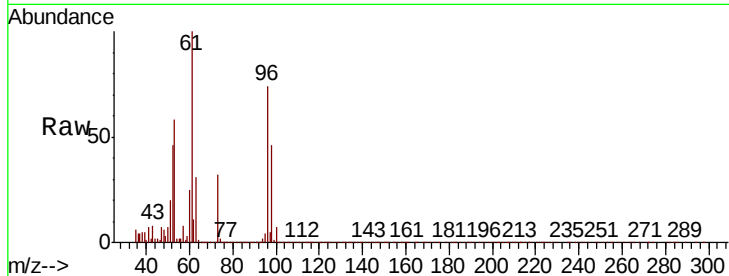
Acq: 28 Dec 2019 01:50

Instrument :
MSVOA_X
ClientSampleId :
VX1227WBSD02

Tot Ion:	96	Resp:	91865
Ion	Ratio	Lower	Upper
96	100		
61	134.4	108.3	162.5
98	61.5	50.8	76.2

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#22

Diisopropyl ether

Concen: 20.766 ug/l

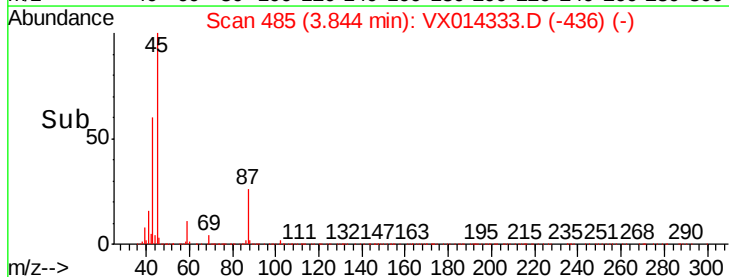
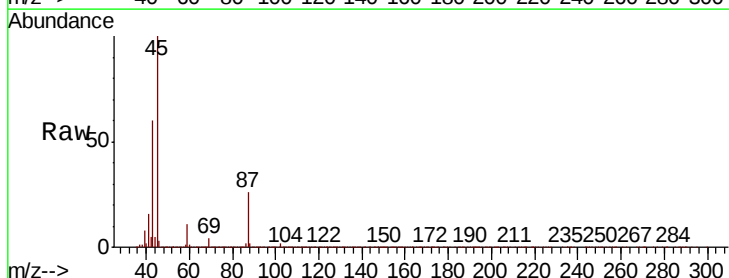
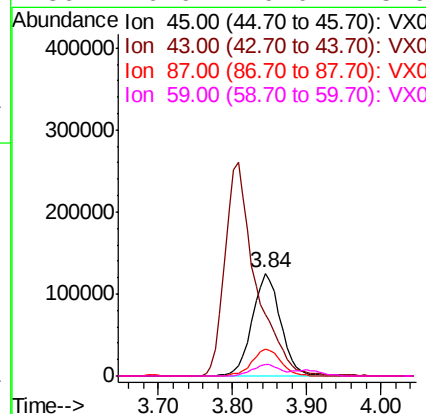
RT: 3.84 min Scan# 485

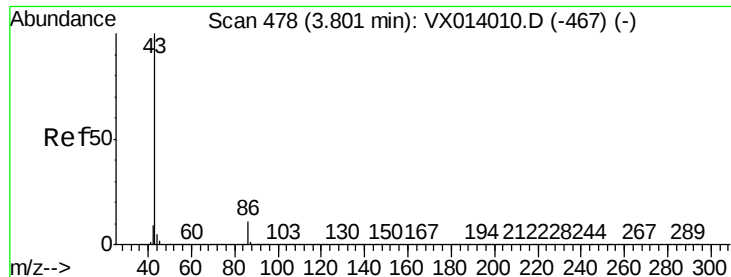
Delta R.T. 0.00 min

Lab File: VX014333.D

Acq: 28 Dec 2019 01:50

Tgt Ion:	45	Resp:	332268
Ion	Ratio	Lower	Upper
45	100		
43	60.0	57.4	86.0
87	26.0	21.9	32.9
59	10.9	9.0	13.6





#23

Vinyl Acetate

Concen: 57.354 ug/l

RT: 3.81 min Scan# 479

Delta R.T. 0.01 min

Lab File: VX014333.D

Acq: 28 Dec 2019 01:50

Instrument :

MSVOA_X

ClientSampleId :

VX1227WBSD02

Tot Ion: 43 Resp: 748912

Ion Ratio Lower Upper

43 100

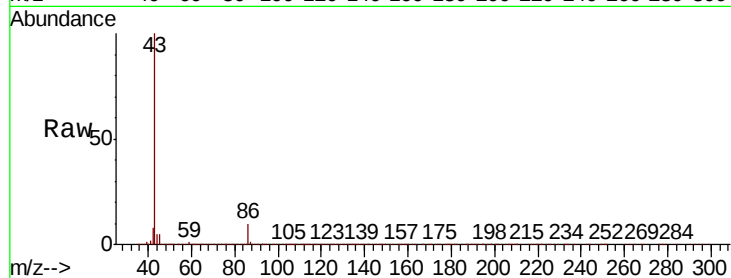
86 10.4 8.6 12.8

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.81

250000

200000

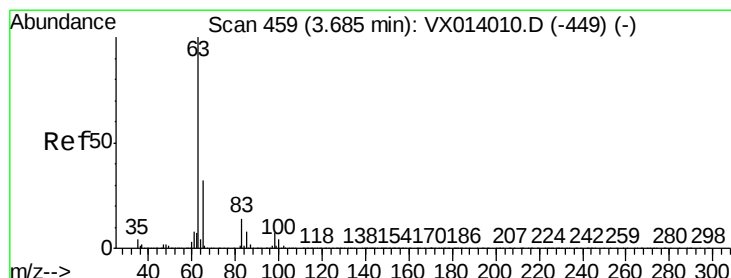
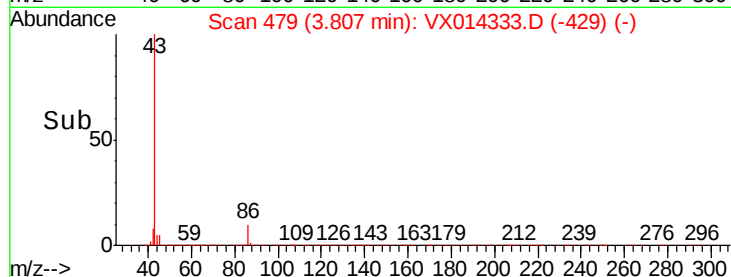
150000

100000

50000

0

Time--> 3.60 3.80 4.00



#24

1,1-Dichloroethane

Concen: 19.789 ug/l

RT: 3.69 min Scan# 460

Delta R.T. 0.01 min

Lab File: VX014333.D

Acq: 28 Dec 2019 01:50

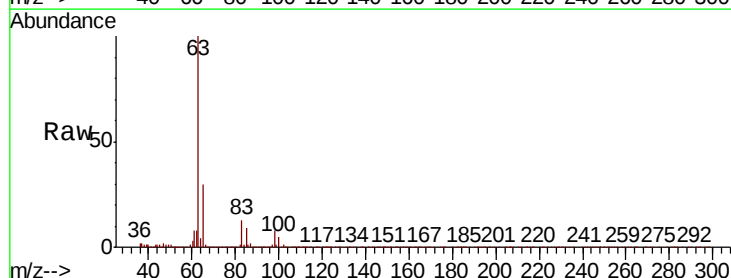
Tgt Ion: 63 Resp: 176167

Ion Ratio Lower Upper

63 100

98 7.4 3.6 10.8

100 4.5 2.3 6.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

3.69

100000

80000

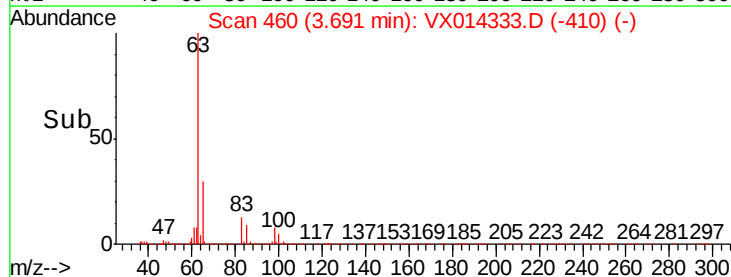
60000

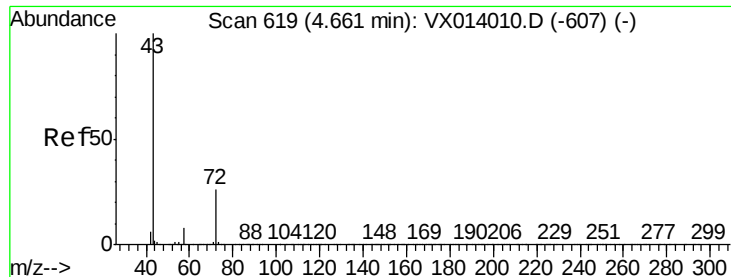
40000

20000

0

Time--> 3.60 3.70 3.80





#25

2-Butanone

Concen: 97.961 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.00 min

Lab File: VX014333.D

Acq: 28 Dec 2019 01:50

Tot Ion: 43 Resp: 415455

Ion Ratio Lower Upper

43 100

72 25.0 21.0 31.4

Instrument :

MSVOA_X

ClientSampleId :

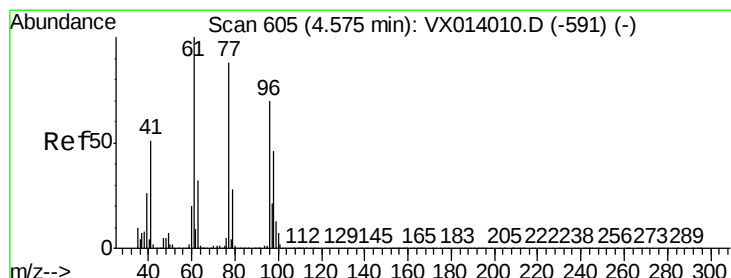
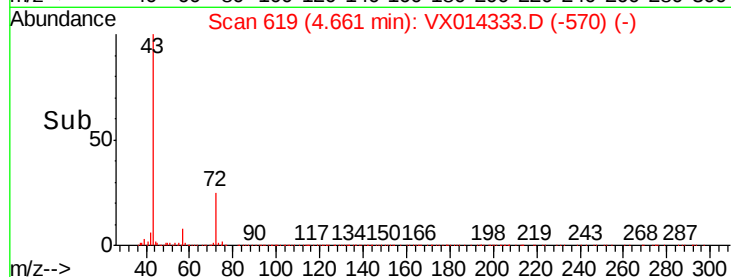
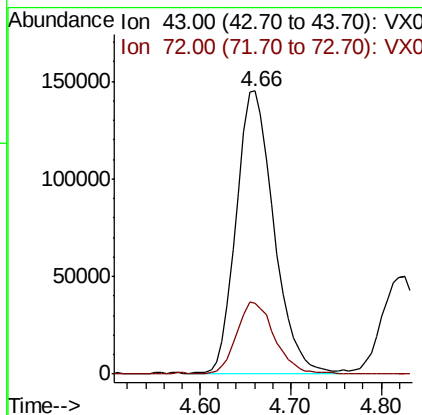
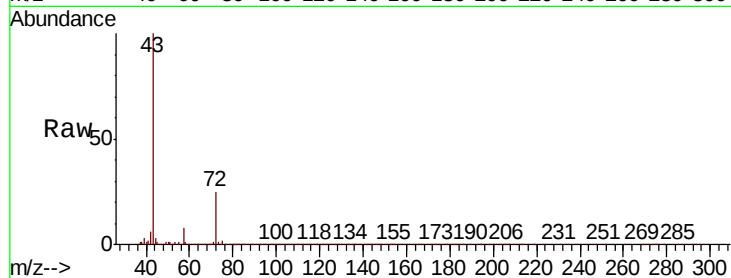
VX1227WBSD02

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#26

2,2-Dichloropropane

Concen: 15.139 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX014333.D

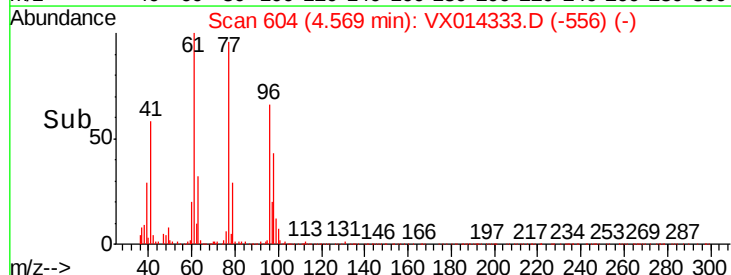
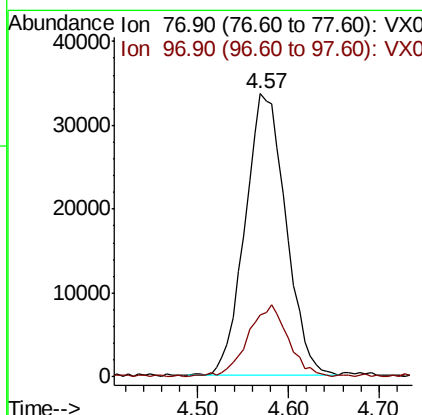
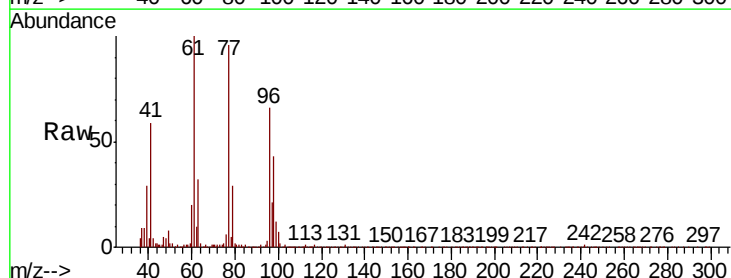
Acq: 28 Dec 2019 01:50

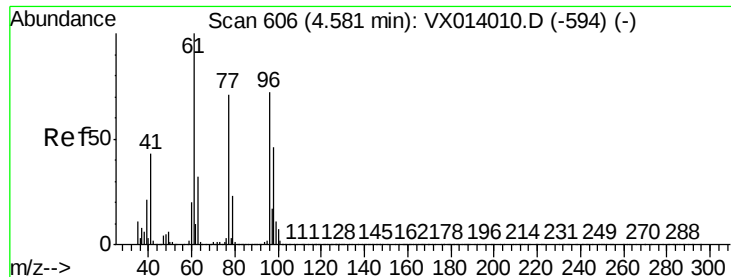
Tgt Ion: 77 Resp: 104640

Ion Ratio Lower Upper

77 100

97 25.7 11.9 35.9





#27

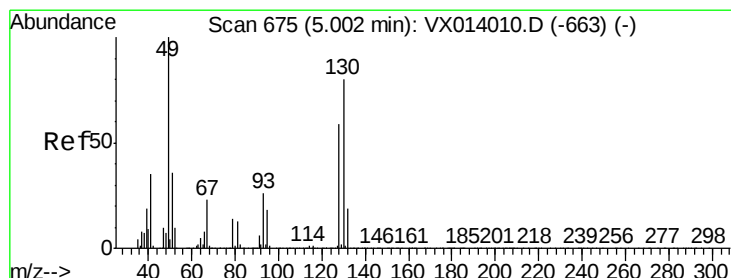
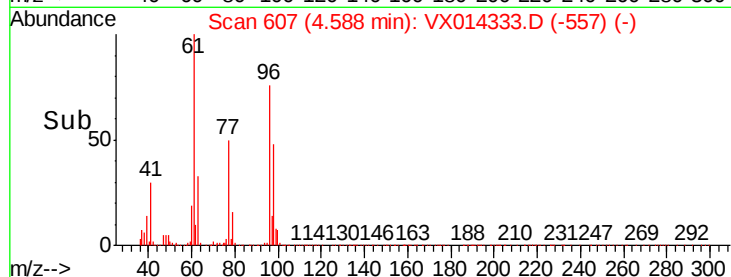
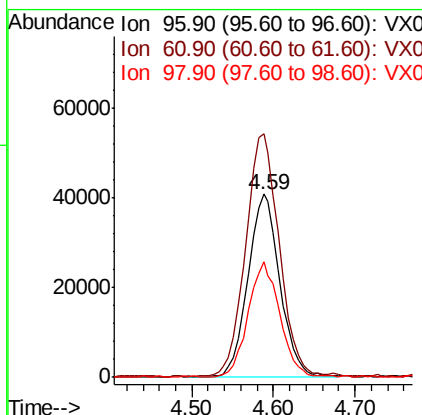
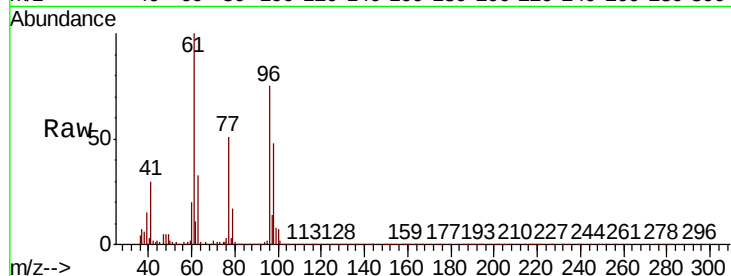
cis-1,2-Dichloroethene
Concen: 19.777 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.01 min
Lab File: VX014333.D
Acq: 28 Dec 2019 01:50

Instrument :
MSVOA_X
ClientSampleId :
VX1227WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
96	100	110815		
61	138.4	0.0	288.4	
98	62.2	0.0	129.6	

Manual Integrations
APPROVED

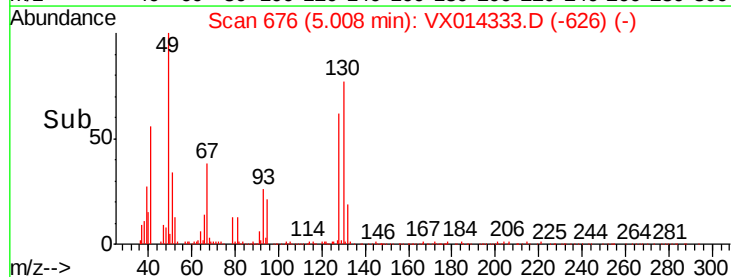
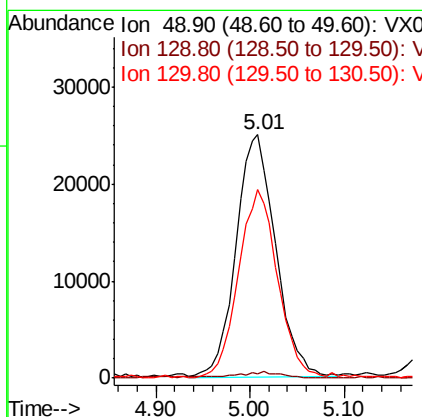
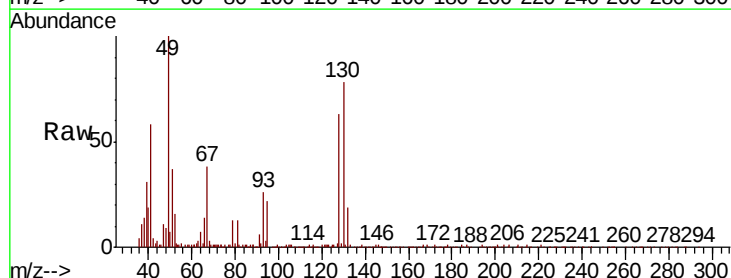
apatel
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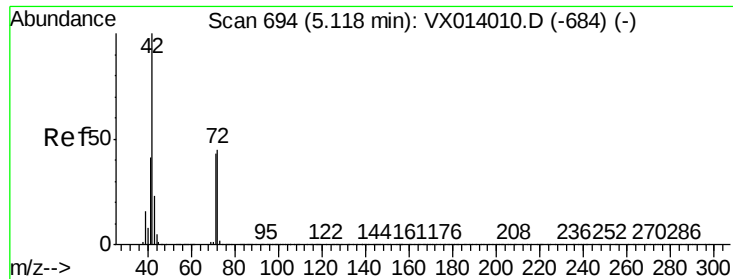


#28

Bromochloromethane
Concen: 21.536 ug/l
RT: 5.01 min Scan# 676
Delta R.T. 0.01 min
Lab File: VX014333.D
Acq: 28 Dec 2019 01:50

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	72839		
129	3.0	0.0	5.0	
130	76.6	64.6	97.0	





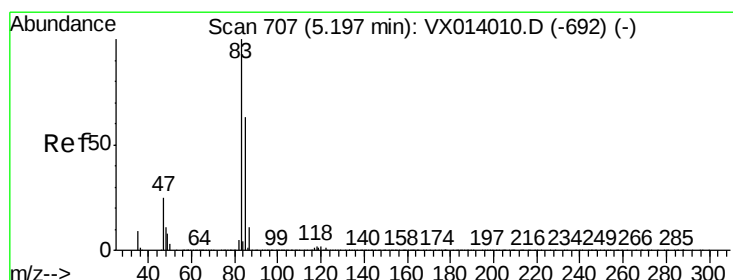
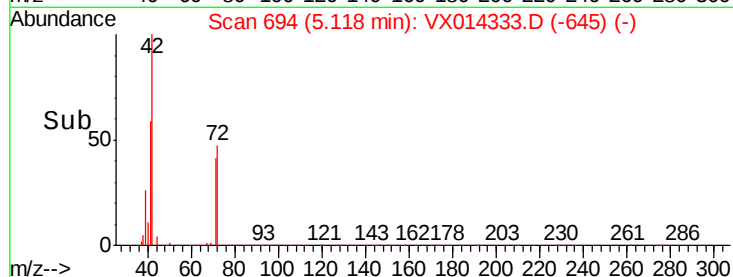
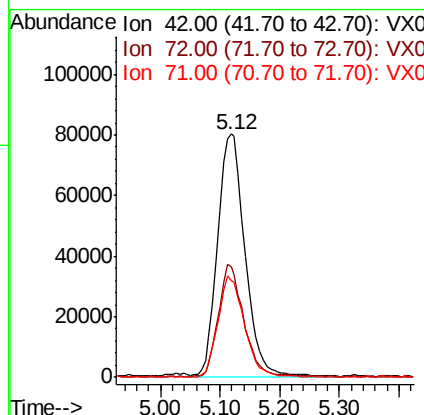
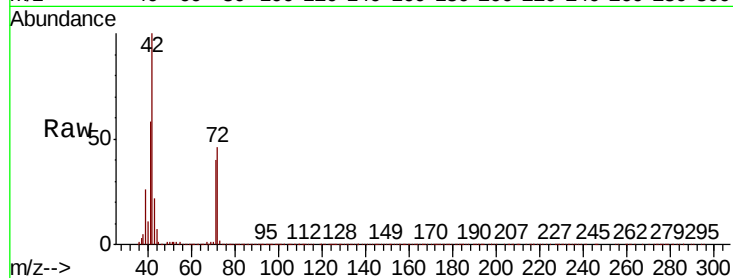
#29
Tetrahydrofuran
Concen: 107.155 ug/l
RT: 5.12 min Scan# 694
Delta R.T. 0.00 min
Lab File: VX014333.D
Acq: 28 Dec 2019 01:50

Instrument :
MSVOA_X
ClientSampleId :
VX1227WBSD02

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.4	35.8	53.8
71	40.1	33.6	50.4

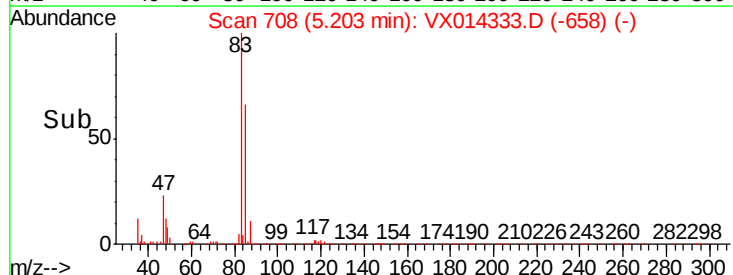
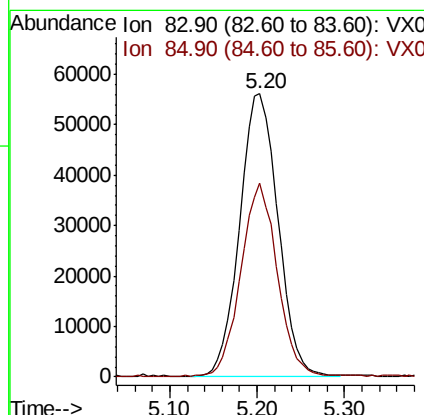
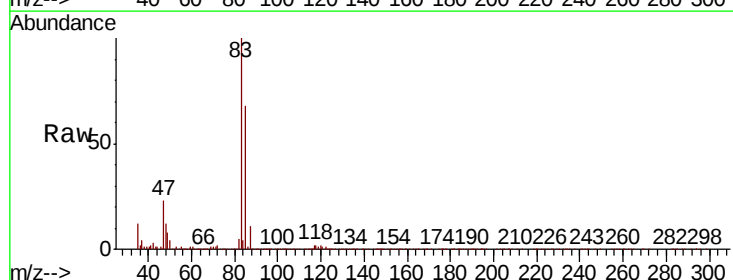
Manual Integrations
APPROVED

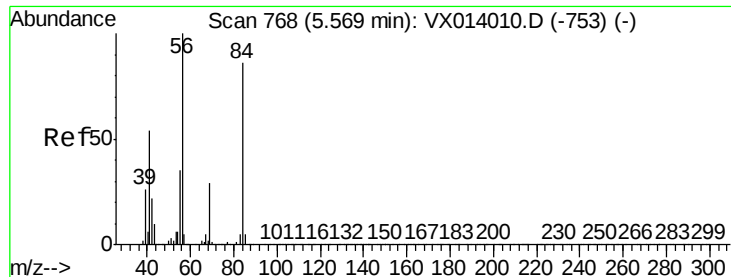
apatel
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#30
Chloroform
Concen: 20.239 ug/l
RT: 5.20 min Scan# 708
Delta R.T. 0.01 min
Lab File: VX014333.D
Acq: 28 Dec 2019 01:50

Tgt Ion	Ratio	Lower	Upper
83	100		
85	68.2	50.8	76.2





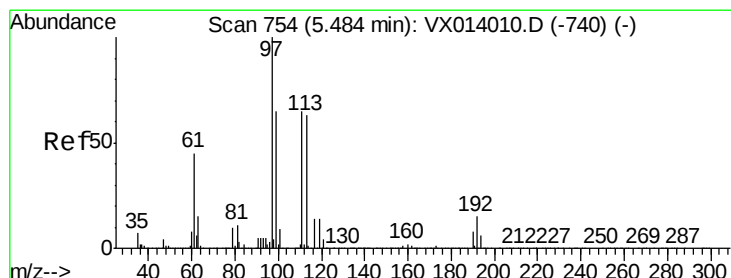
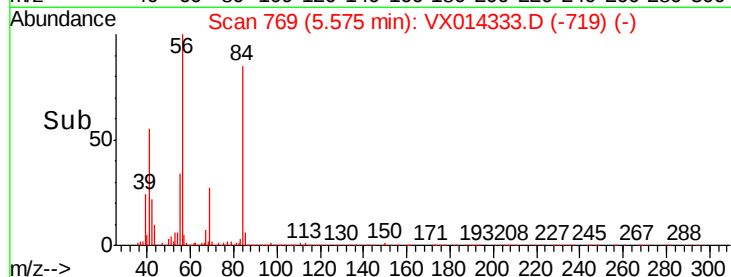
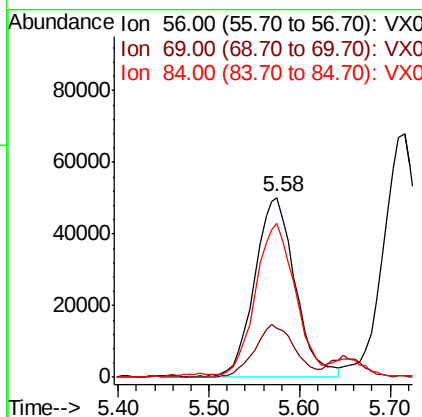
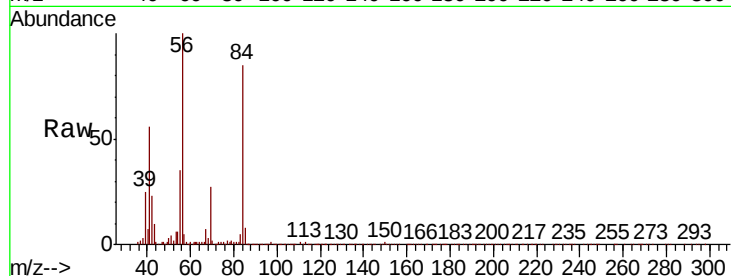
#31
Cyclohexane
Concen: 19.428 ug/l
RT: 5.58 min Scan# 769
Delta R.T. 0.01 min
Lab File: VX014333.D
Acq: 28 Dec 2019 01:50

Instrument :
MSVOA_X
ClientSampleId :
VX1227WBSD02

Tot Ion	Ratio	Lower	Upper
56	100		
69	26.8	23.2	34.8
84	84.6	69.2	103.8

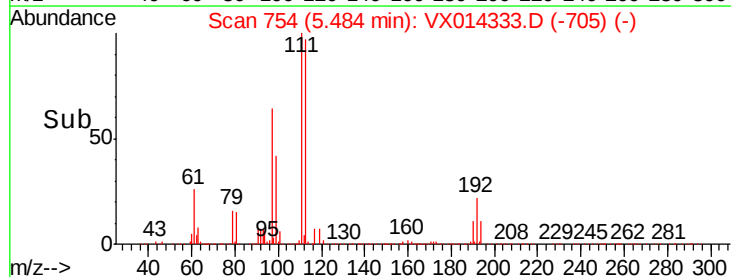
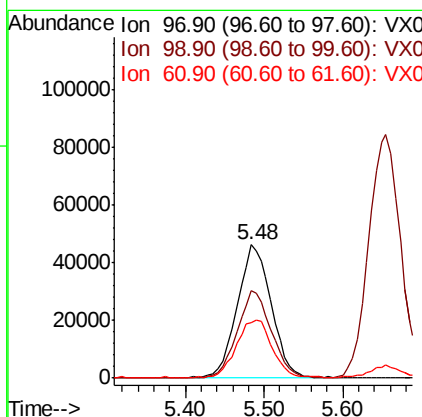
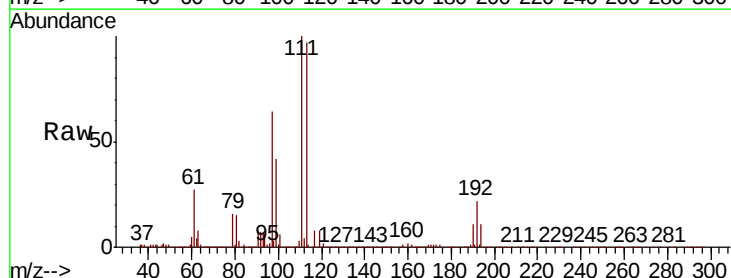
Manual Integrations
APPROVED

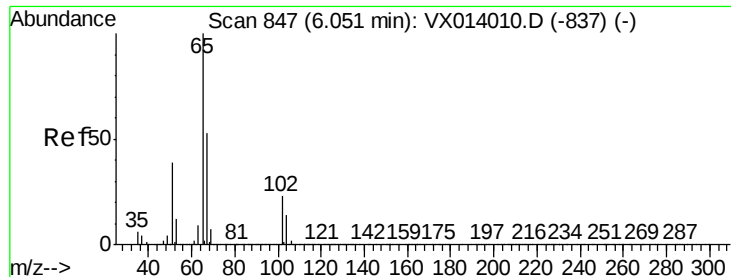
apatel
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#32
1,1,1-Trichloroethane
Concen: 19.354 ug/l
RT: 5.48 min Scan# 754
Delta R.T. 0.00 min
Lab File: VX014333.D
Acq: 28 Dec 2019 01:50

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.6	52.0	78.0
61	44.6	36.7	55.1





#33

1,2-Dichloroethane-d4

Concen: 49.013 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX014333.D

Acq: 28 Dec 2019 01:50

Instrument :

MSVOA_X

ClientSampleId :

VX1227WBSD02

Tot Ion: 65 Resp: 259699

Ion Ratio Lower Upper

65 100

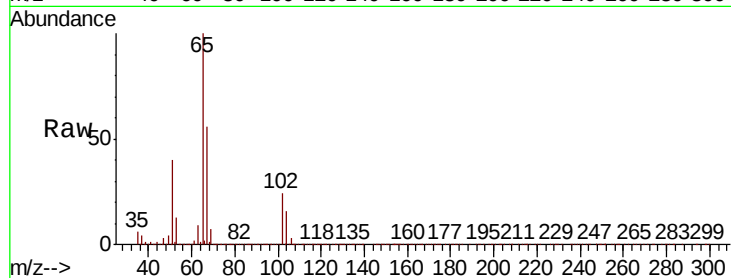
67 53.1 0.0 106.4

Manual Integrations

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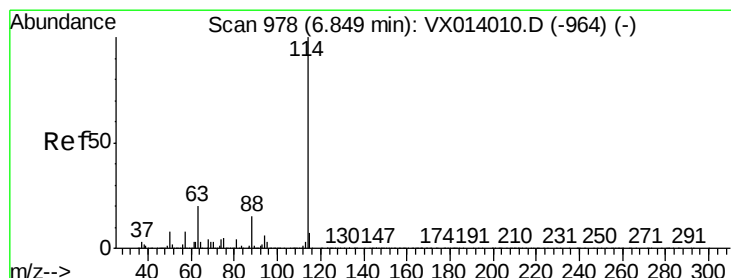
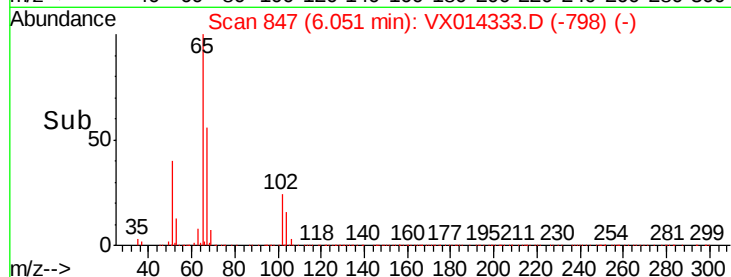
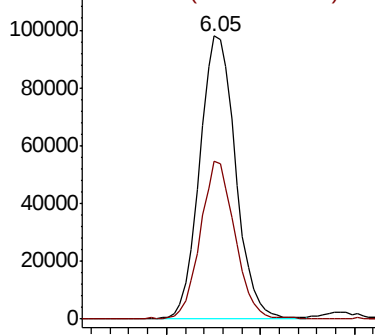
apatel

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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX014333.D

Acq: 28 Dec 2019 01:50

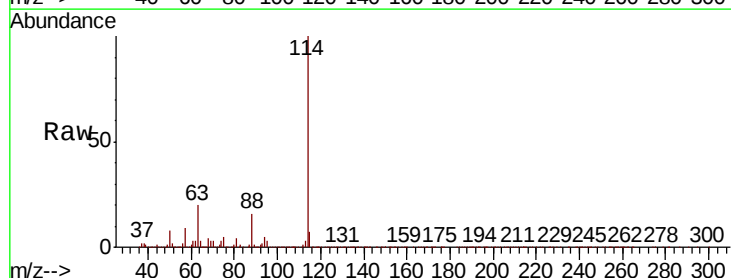
Tgt Ion: 114 Resp: 730549

Ion Ratio Lower Upper

114 100

63 19.8 0.0 40.8

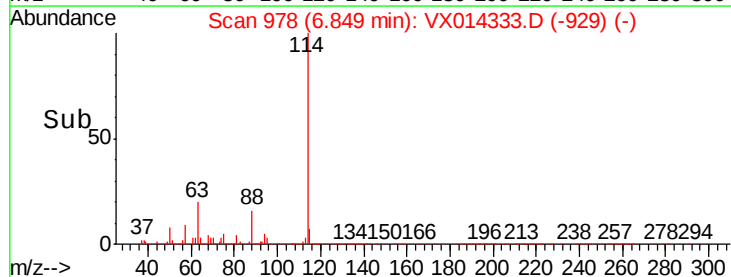
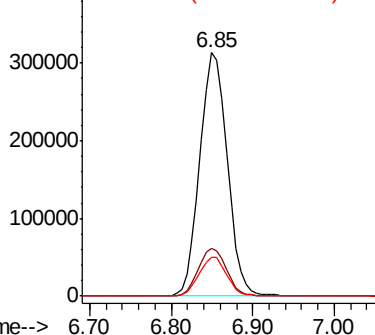
88 15.8 0.0 30.4

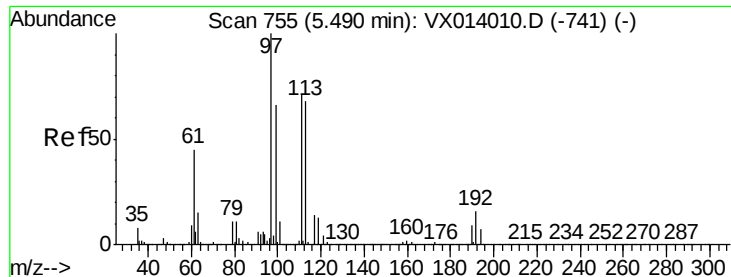


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





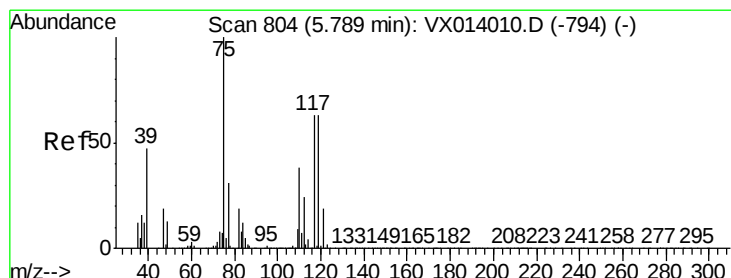
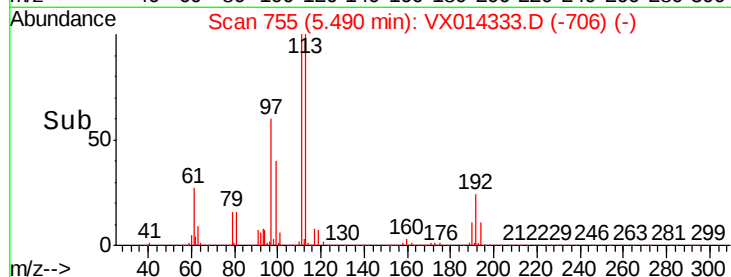
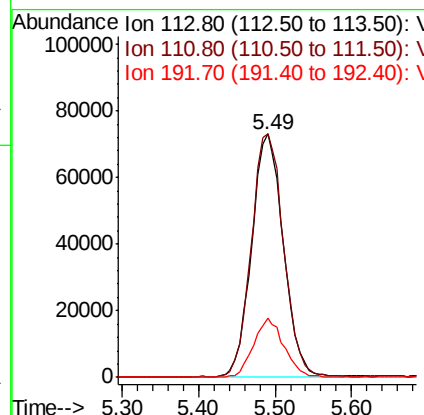
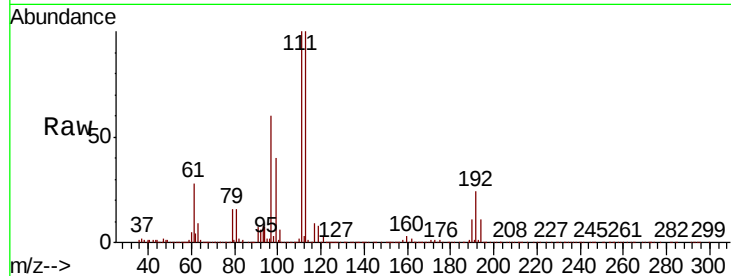
#35
Dibromofluoromethane
Concen: 47.775 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.00 min
Lab File: VX014333.D
Acq: 28 Dec 2019 01:50

Instrument :
MSVOA_X
ClientSampleId :
VX1227WBSD02

Tot Ion	Ratio	Lower	Upper
113	100		
111	100.7	82.0	123.0
192	23.0	19.3	28.9

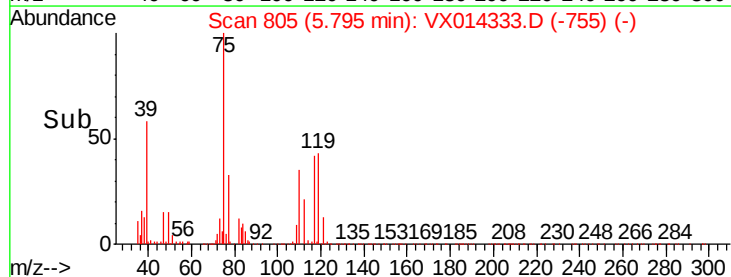
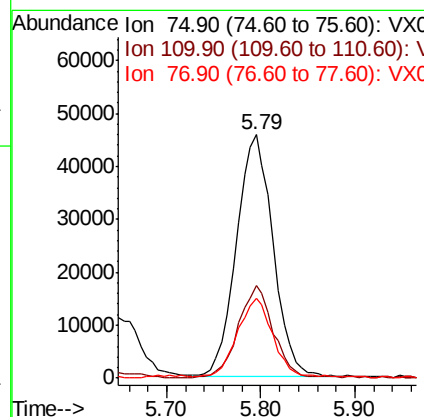
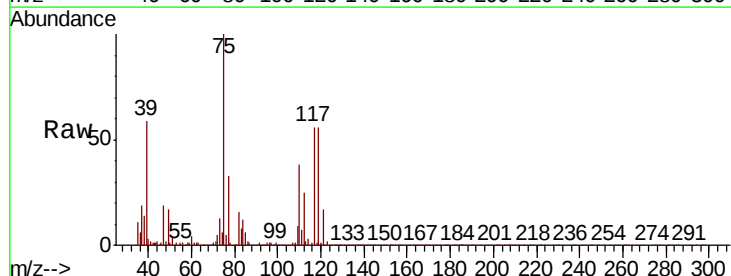
Manual Integrations
APPROVED

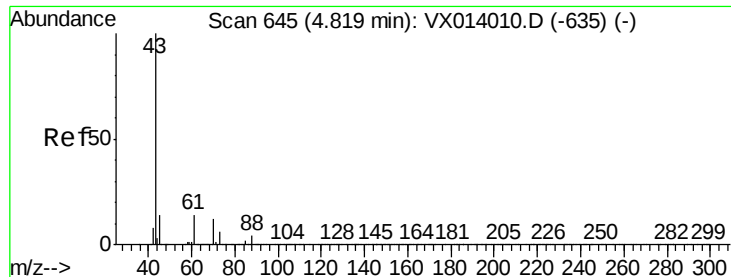
apatel
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#36
1,1-Dichloropropene
Concen: 18.438 ug/l
RT: 5.79 min Scan# 805
Delta R.T. 0.01 min
Lab File: VX014333.D
Acq: 28 Dec 2019 01:50

Tgt Ion	Ratio	Lower	Upper
75	100		
110	37.0	18.3	54.9
77	33.5	24.8	37.2





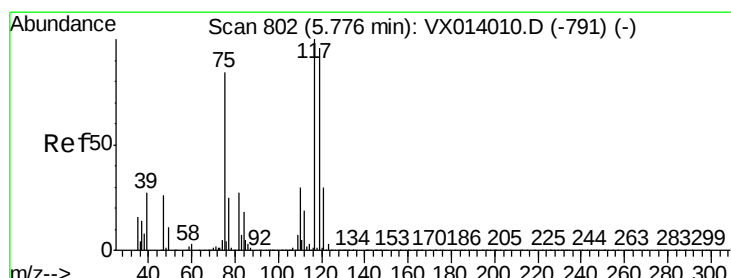
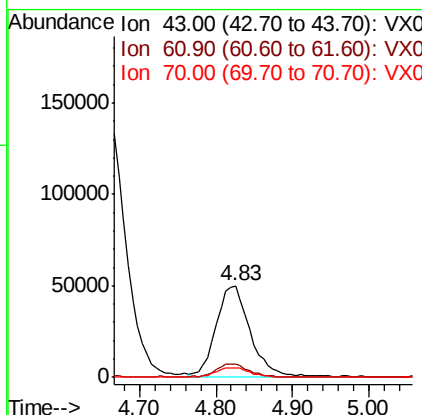
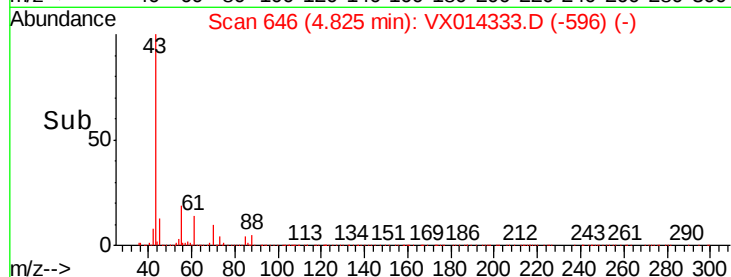
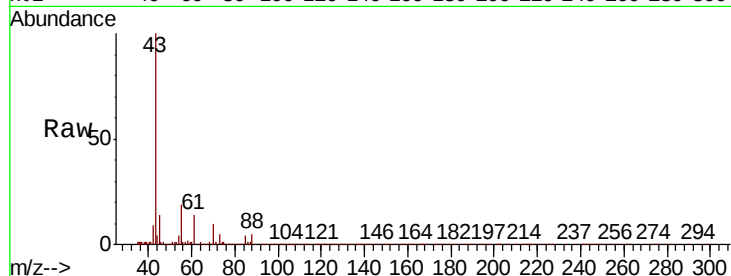
#37
Ethyl Acetate
Concen: 20.466 ug/l
RT: 4.83 min Scan# 646
Delta R.T. 0.01 min
Lab File: VX014333.D
Acq: 28 Dec 2019 01:50

Instrument :
MSVOA_X
ClientSampleId :
VX1227WBSD02

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.4	10.8	16.2
70	10.8	8.6	12.8

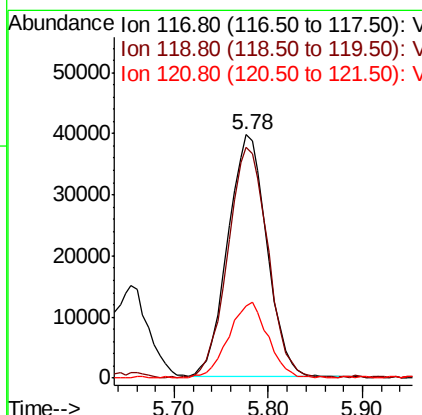
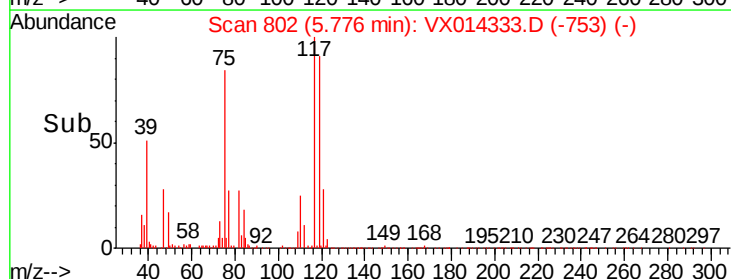
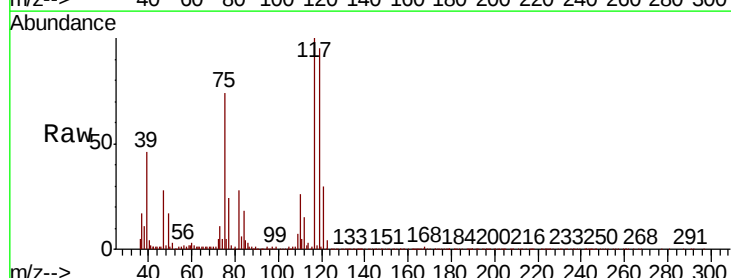
Manual Integrations
APPROVED

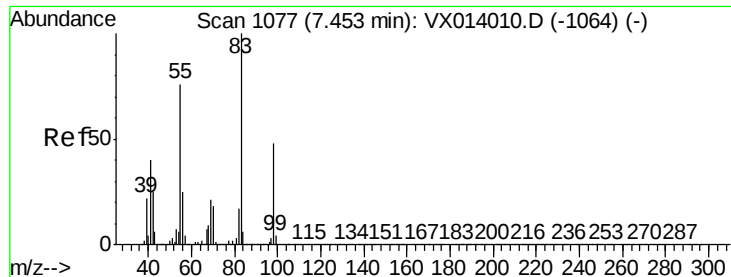
apatel
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#38
Carbon Tetrachloride
Concen: 18.741 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX014333.D
Acq: 28 Dec 2019 01:50

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.9	76.2	114.4
121	29.7	23.6	35.4





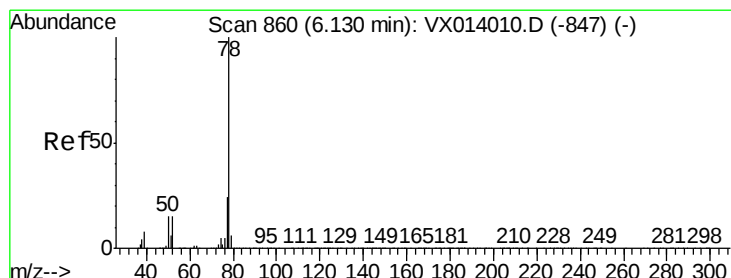
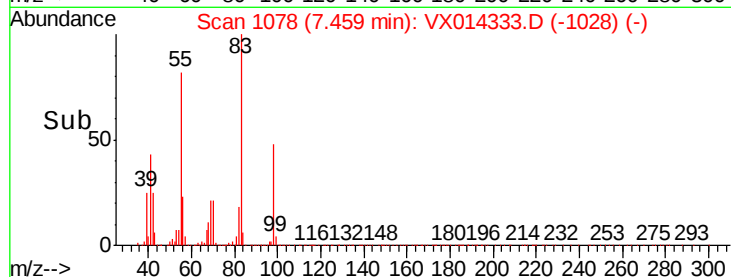
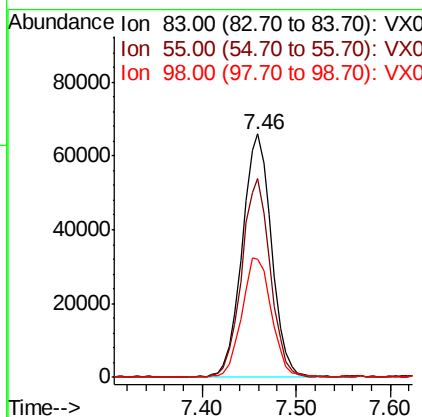
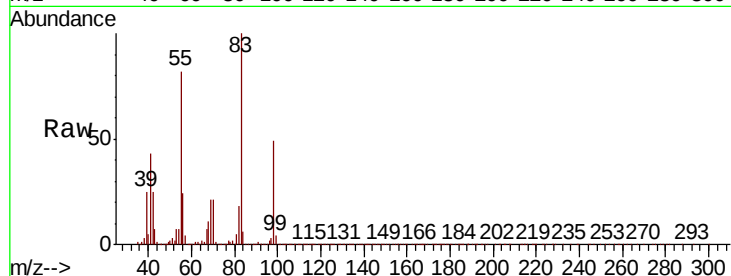
#39
Methvlcvclohexane
Concen: 17.339 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.01 min
Lab File: VX014333.D
Acq: 28 Dec 2019 01:50

Instrument :
MSVOA_X
ClientSampleId :
VX1227WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
83	100	143515		
55	81.8	61.0	91.6	
98	48.5	38.6	57.8	

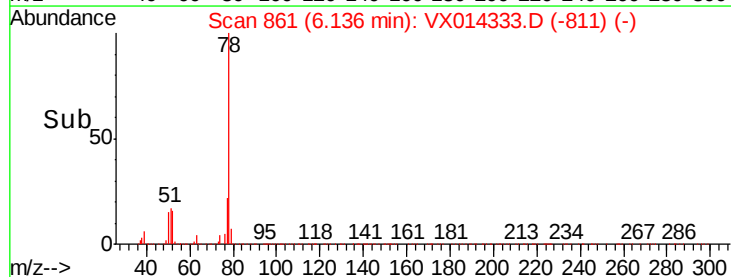
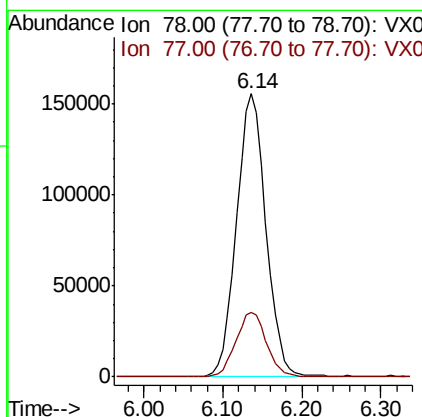
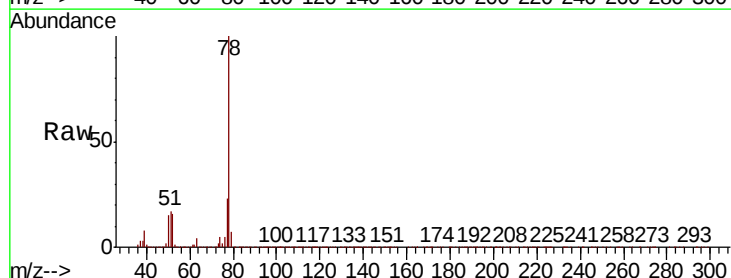
Manual Integrations
APPROVED

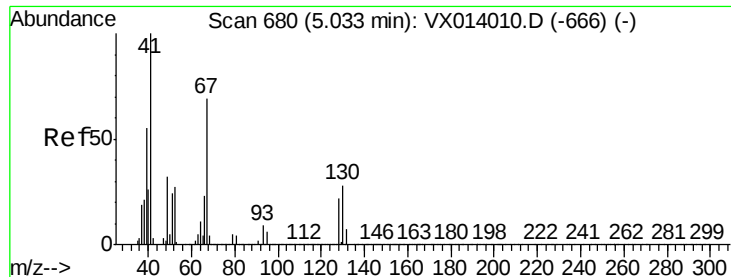
apatel
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#40
Benzene
Concen: 19.527 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.01 min
Lab File: VX014333.D
Acq: 28 Dec 2019 01:50

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	402747		
77	23.0	18.8	28.2	





#41

Methacrylonitrile

Concen: 20.477 ug/l

RT: 5.03 min Scan# 680

Delta R.T. 0.00 min

Lab File: VX014333.D

Acq: 28 Dec 2019 01:50

Instrument :

MSVOA_X

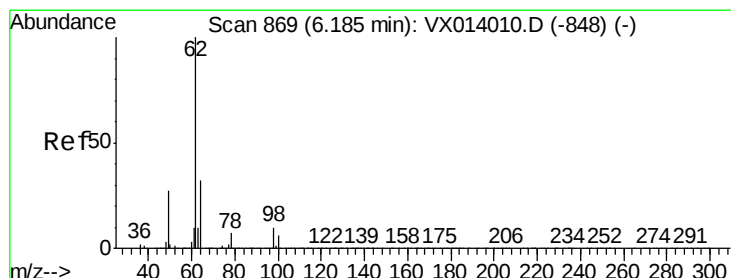
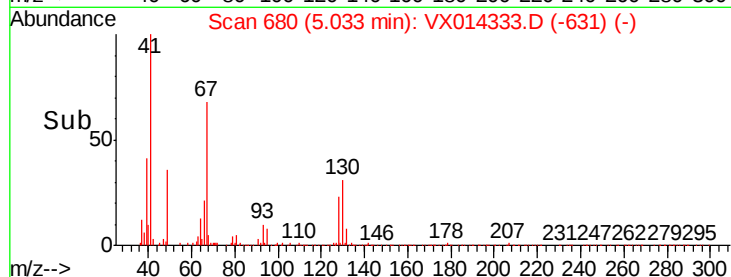
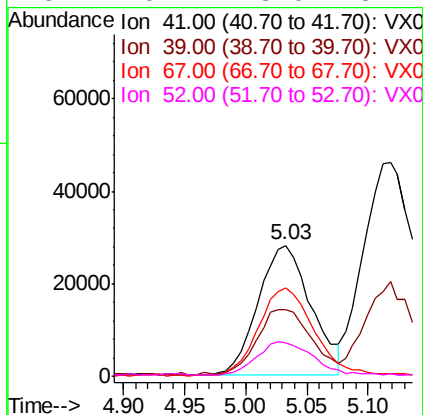
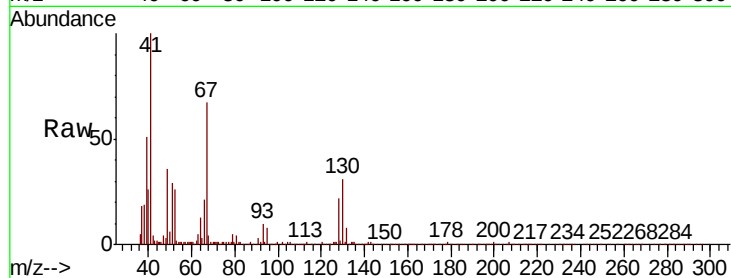
ClientSampleId :

VX1227WBSD02

Tot Ion:	41	Resp:	84102
Ion	Ratio	Lower	Upper
41	100		
39	52.4	44.5	66.7
67	72.7	57.4	86.0
52	26.7	23.0	34.4

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 19.555 ug/l

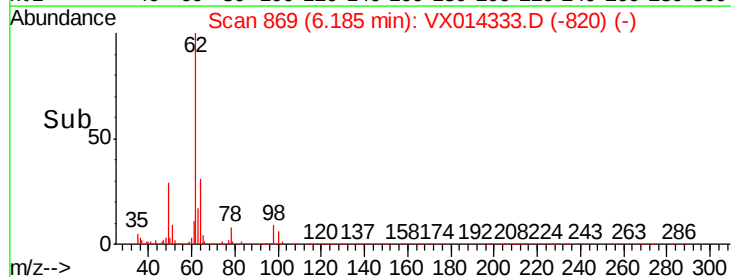
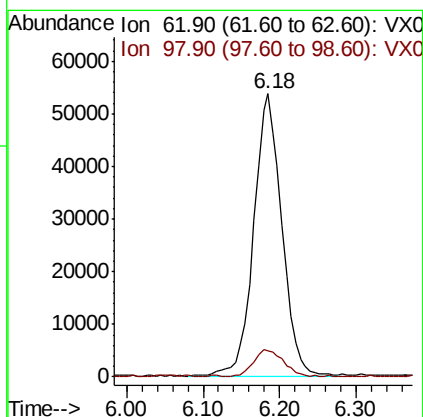
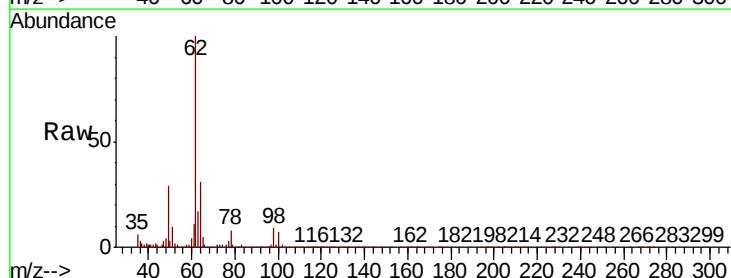
RT: 6.18 min Scan# 869

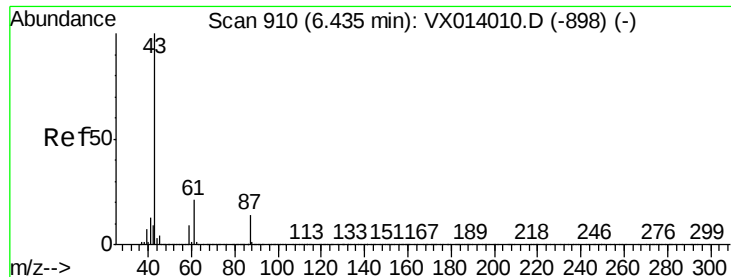
Delta R.T. 0.00 min

Lab File: VX014333.D

Acq: 28 Dec 2019 01:50

Tgt Ion:	62	Resp:	136714
Ion	Ratio	Lower	Upper
62	100		
98	10.5	0.0	21.0





#43

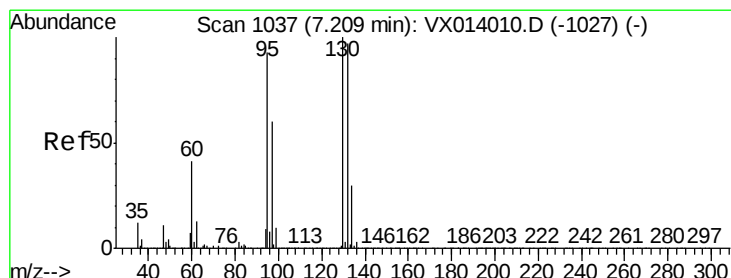
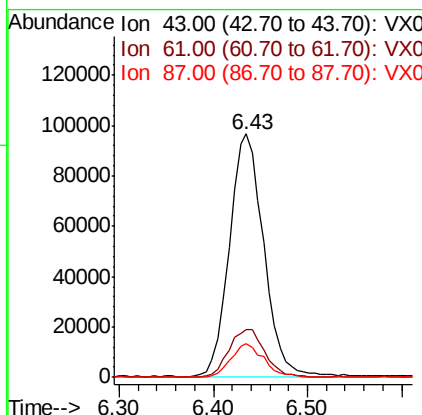
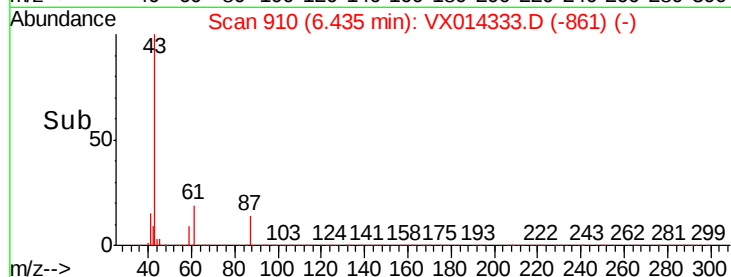
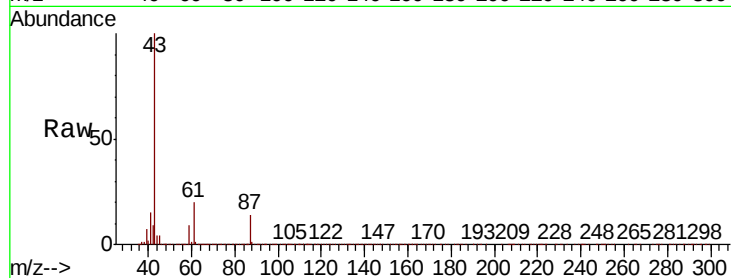
Isopropyl Acetate
 Concen: 19.823 ug/l
 RT: 6.43 min Scan# 910
 Delta R.T. 0.00 min
 Lab File: VX014333.D
 Acq: 28 Dec 2019 01:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1227WBSD02

Tot Ion	43	Resp	242839
Ion Ratio	Lower	Upper	
43	100		
61	20.5	16.4	24.6
87	13.3	10.7	16.1

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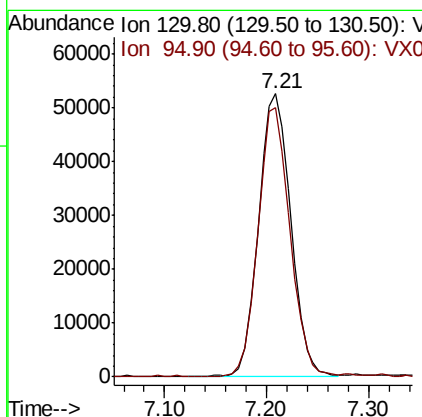
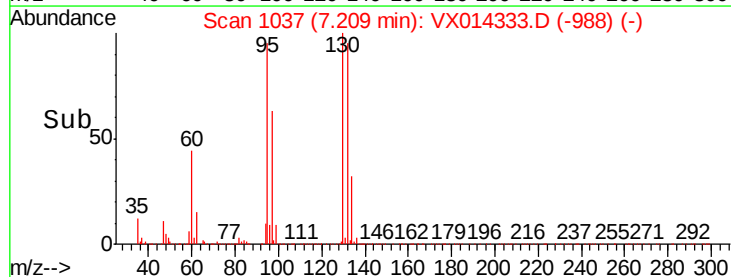
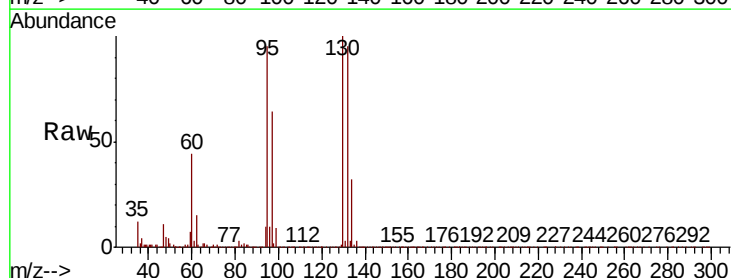
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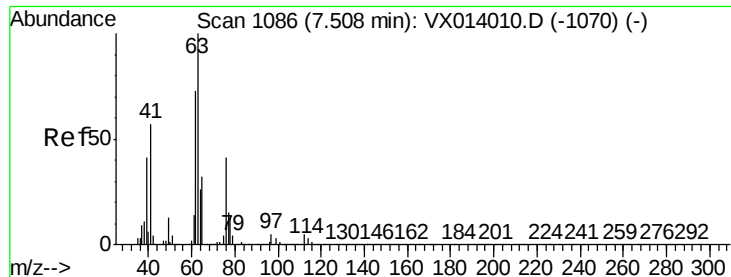


#44

Trichloroethene
 Concen: 20.346 ug/l
 RT: 7.21 min Scan# 1037
 Delta R.T. 0.00 min
 Lab File: VX014333.D
 Acq: 28 Dec 2019 01:50

Tgt Ion	130	Resp	115907
Ion Ratio	Lower	Upper	
130	100		
95	95.0	0.0	185.6





#45

1,2-Dichloropropane

Concen: 19.781 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX014333.D

Acq: 28 Dec 2019 01:50

Instrument :

MSVOA_X

ClientSampleId :

VX1227WBSD02

Tot Ion: 63 Resp: 104569

Ion Ratio Lower Upper

63 100

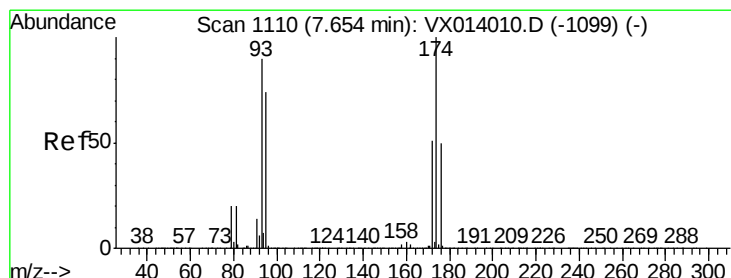
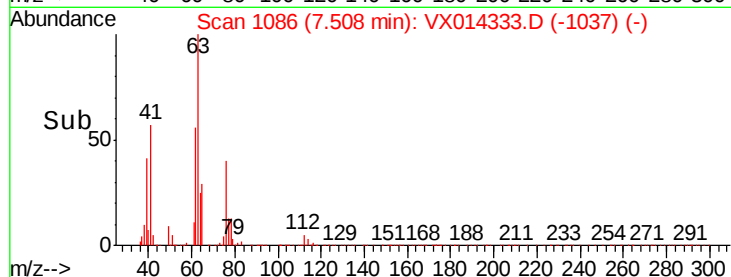
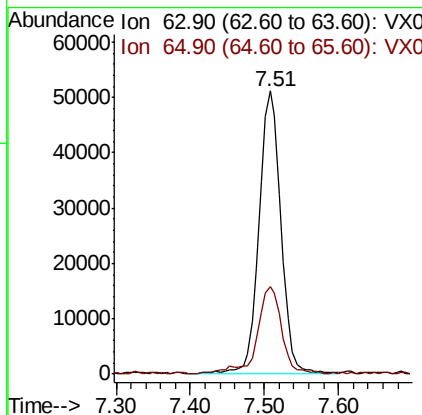
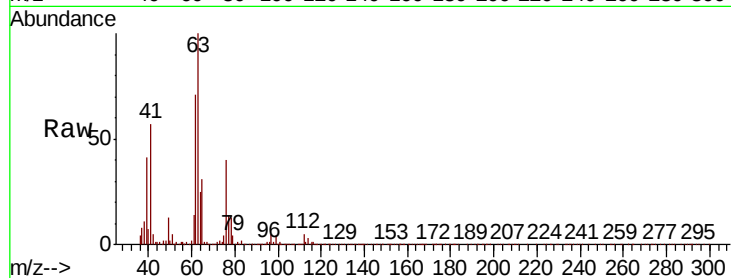
65 30.6 25.8 38.8

Manual Integrations

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#46

Dibromomethane

Concen: 19.485 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VX014333.D

Acq: 28 Dec 2019 01:50

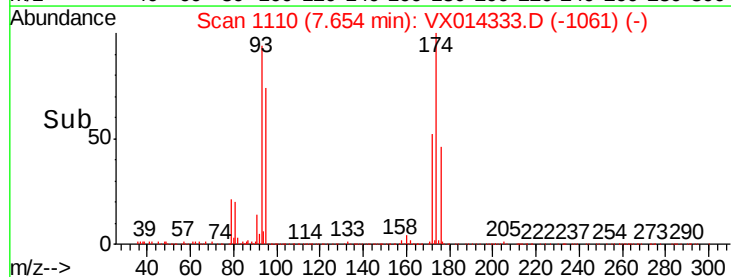
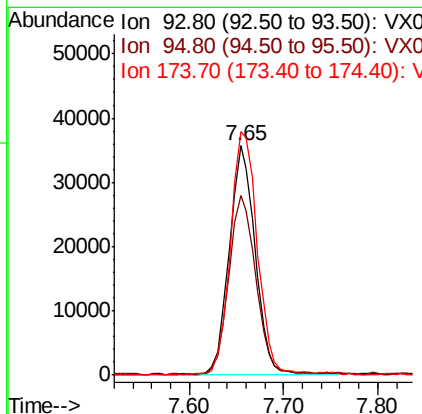
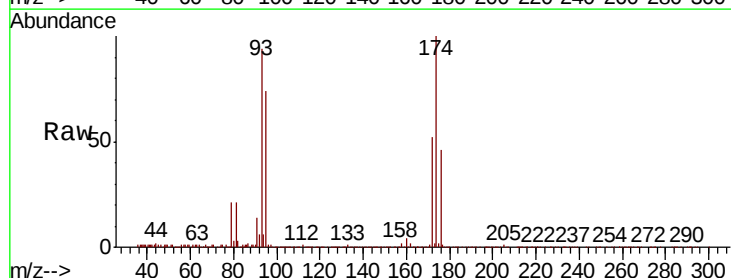
Tgt Ion: 93 Resp: 68100

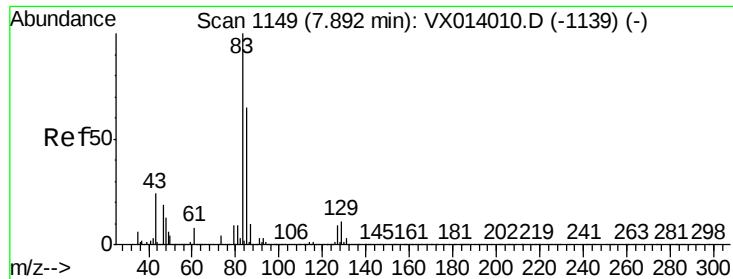
Ion Ratio Lower Upper

93 100

95 81.1 67.3 100.9

174 110.1 91.6 137.4





#47

Bromodichloromethane

Concen: 19.333 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX014333.D

Acq: 28 Dec 2019 01:50

Instrument :

MSVOA_X

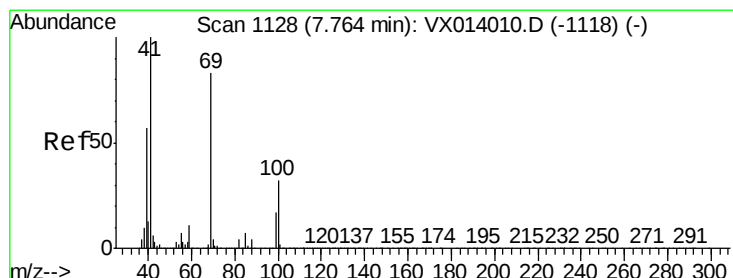
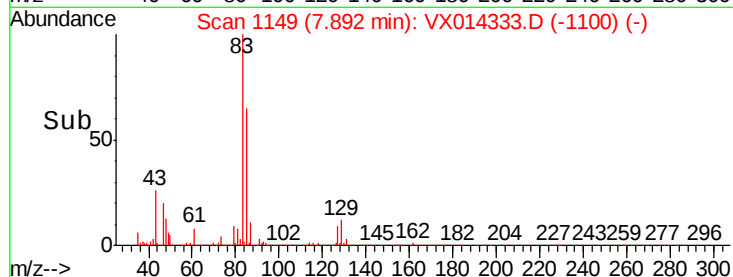
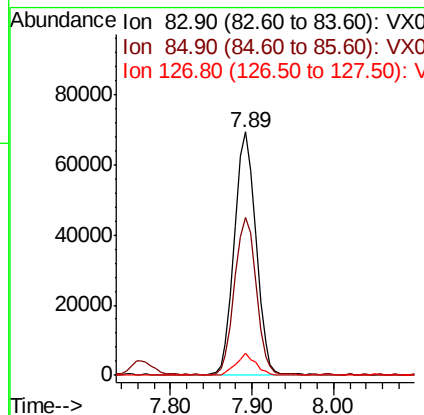
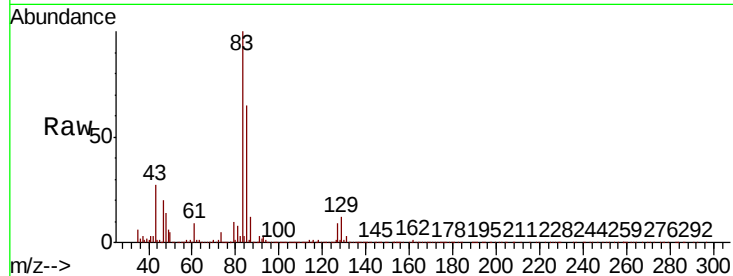
ClientSampleId :

VX1227WBSD02

Tot Ion:	83	Resp:	127260
Ion Ratio	Lower	Upper	
83	100		
85	64.7	51.8	77.8
127	8.8	7.0	10.4

Manual Integrations
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#48

Methyl methacrylate

Concen: 19.701 ug/l

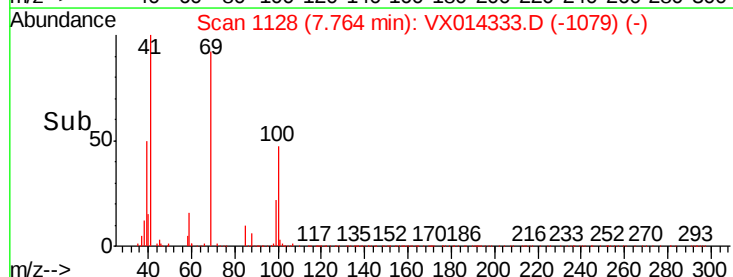
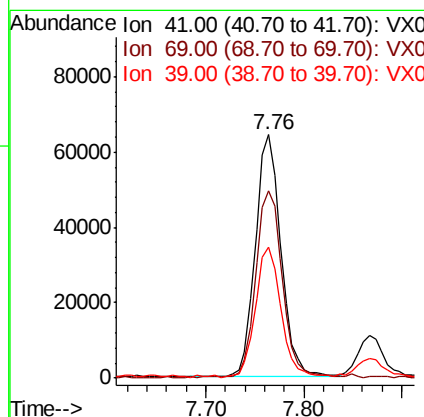
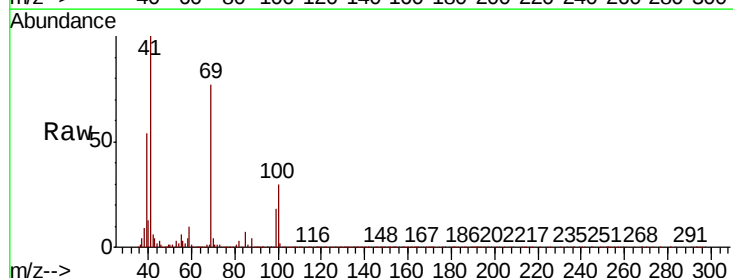
RT: 7.76 min Scan# 1128

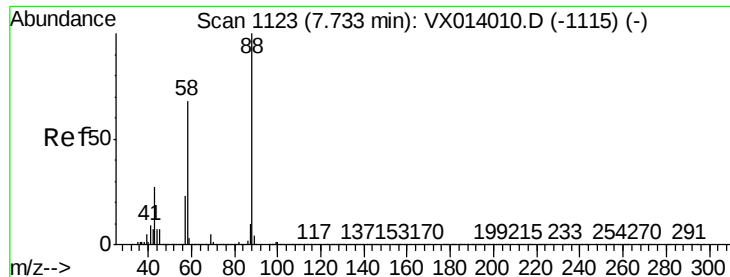
Delta R.T. 0.00 min

Lab File: VX014333.D

Acq: 28 Dec 2019 01:50

Tgt Ion:	41	Resp:	118181
Ion Ratio	Lower	Upper	
41	100		
69	78.6	65.8	98.6
39	53.3	44.6	67.0





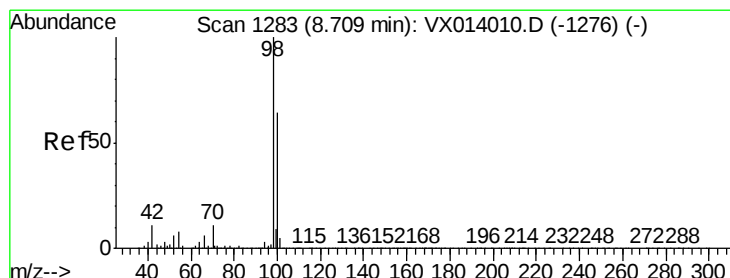
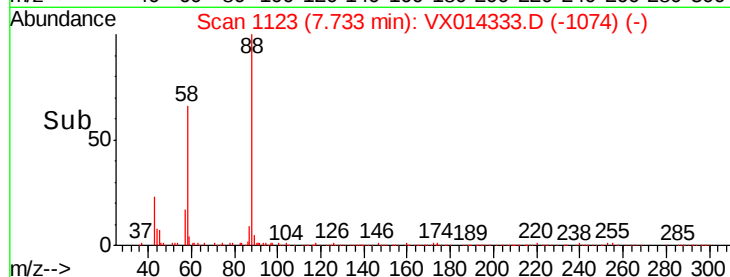
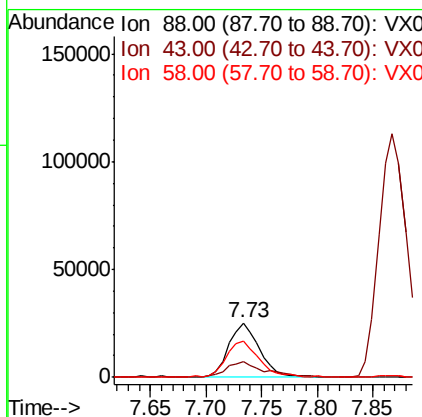
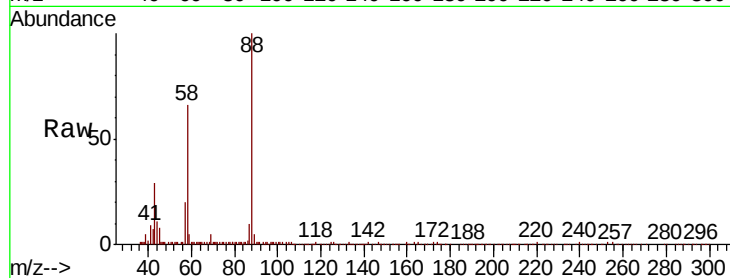
#49
1,4-Dioxane
Concen: 395.179 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. 0.00 min
Lab File: VX014333.D
Acq: 28 Dec 2019 01:50

Instrument :
MSVOA_X
ClientSampleId :
VX1227WBSD02

Tot Ion	Ratio	Lower	Upper
88	100		
43	33.5	26.5	39.7
58	72.5	56.8	85.2

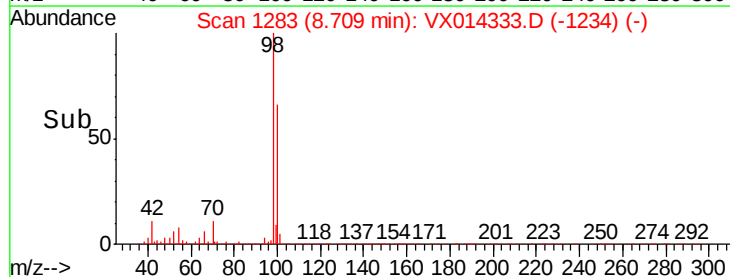
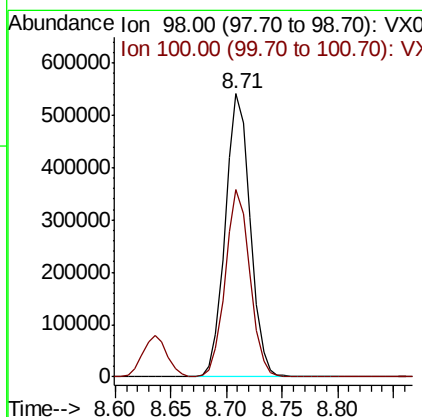
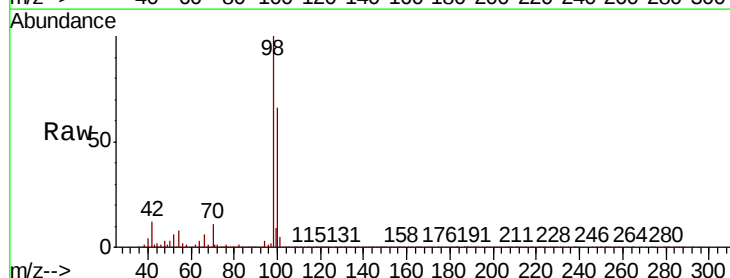
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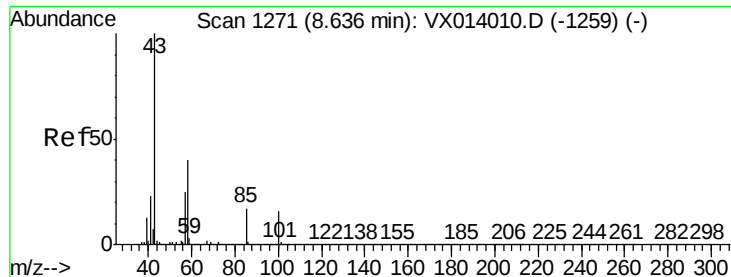
apatel
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#50
Toluene-d8
Concen: 48.294 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX014333.D
Acq: 28 Dec 2019 01:50

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.4	52.9	79.3





#51

4-Methyl-2-Pentanone

Concen: 100.280 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VX014333.D

Acq: 28 Dec 2019 01:50

Instrument :

MSVOA_X

ClientSampleId :

VX1227WBSD02

Tot Ion: 43 Resp: 771493

Ion Ratio Lower Upper

43 100

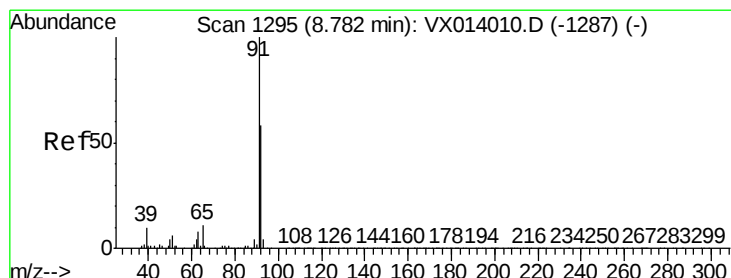
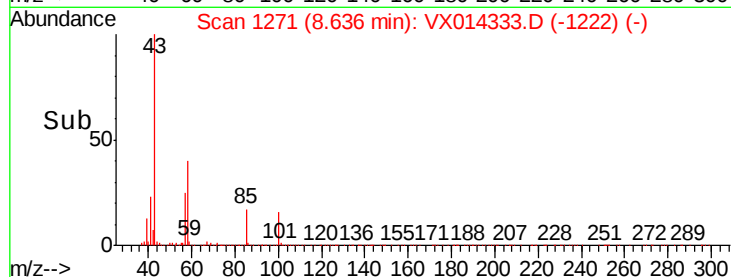
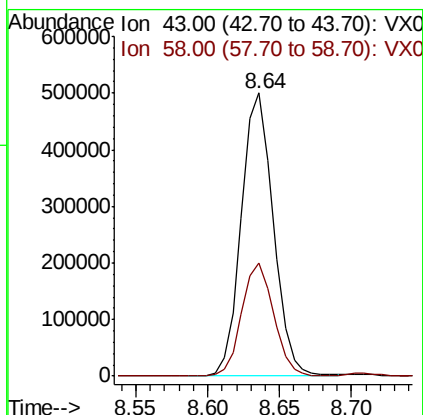
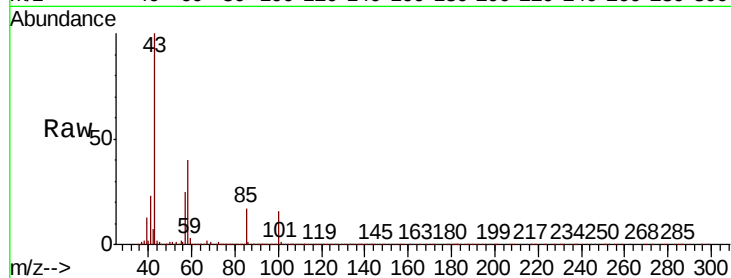
58 39.8 32.2 48.2

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#52

Toluene

Concen: 19.056 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. 0.00 min

Lab File: VX014333.D

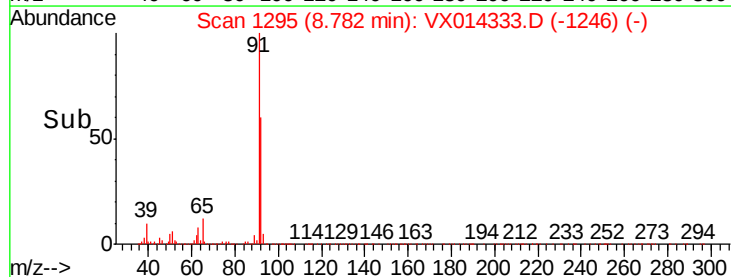
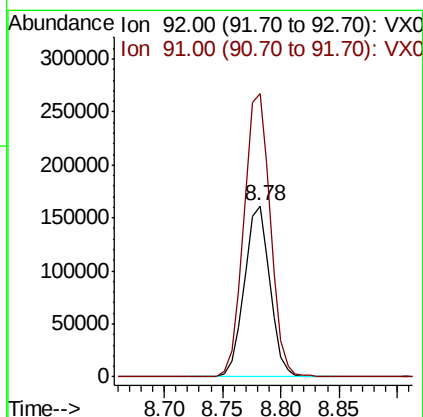
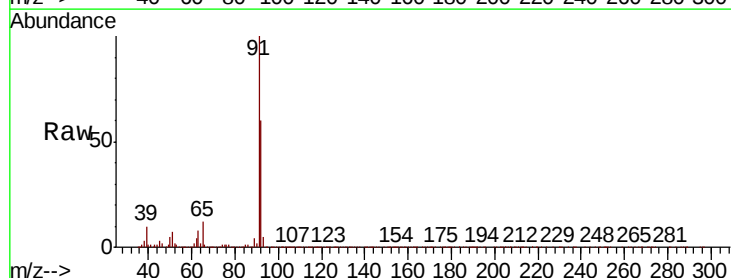
Acq: 28 Dec 2019 01:50

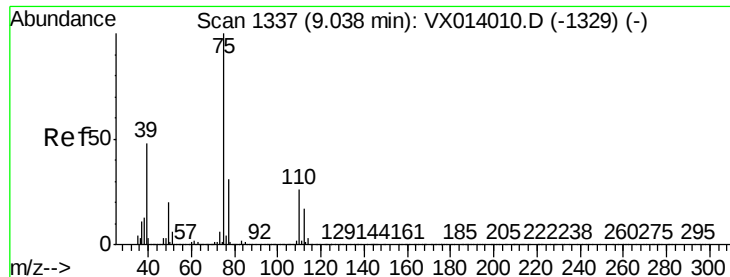
Tgt Ion: 92 Resp: 248419

Ion Ratio Lower Upper

92 100

91 171.2 136.2 204.4





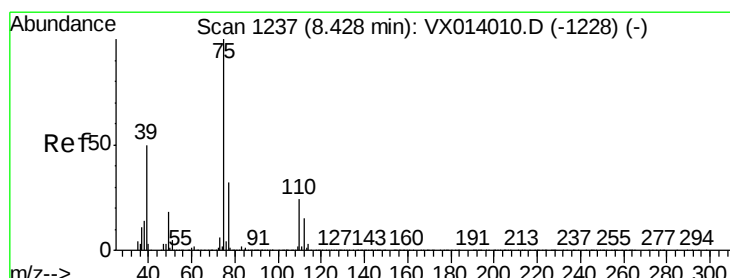
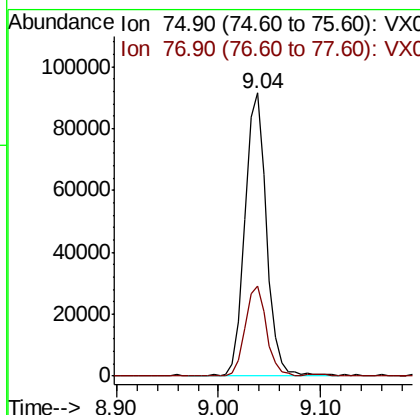
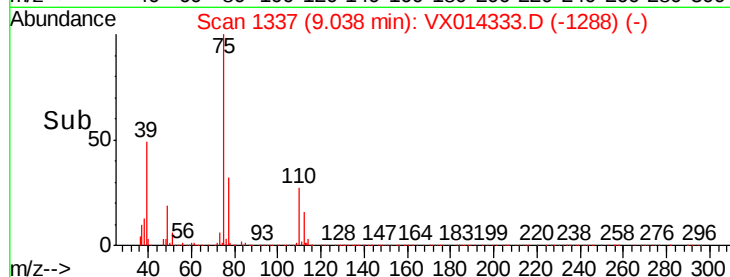
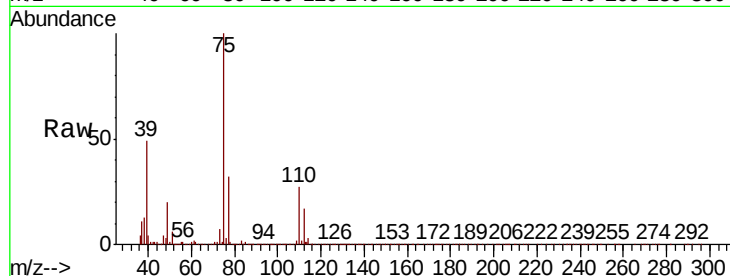
#53
t-1,3-Dichloropropene
Concen: 18.516 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. 0.00 min
Lab File: VX014333.D
Acq: 28 Dec 2019 01:50

Instrument :
MSVOA_X
ClientSampleId :
VX1227WBSD02

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.5	25.1	37.7

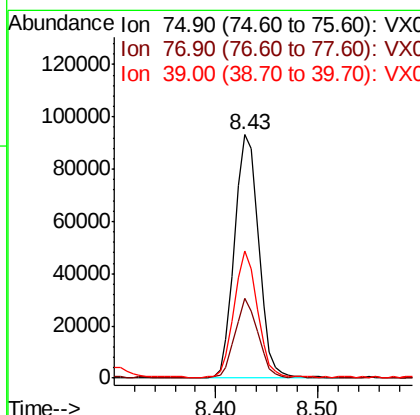
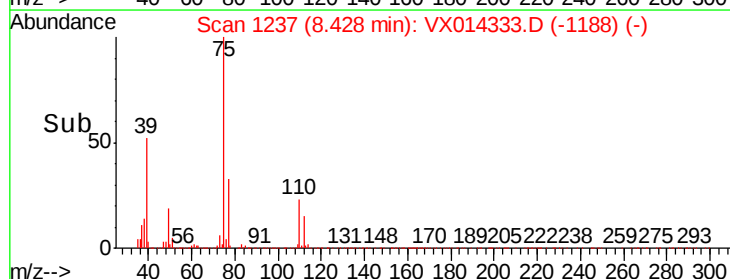
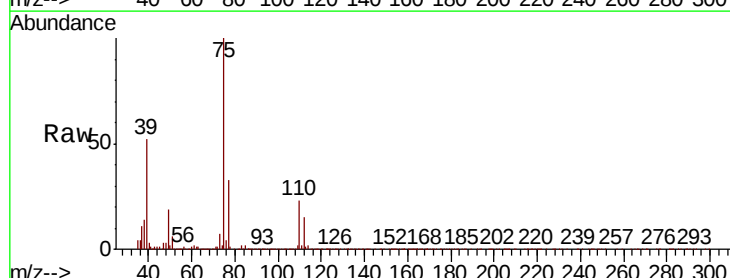
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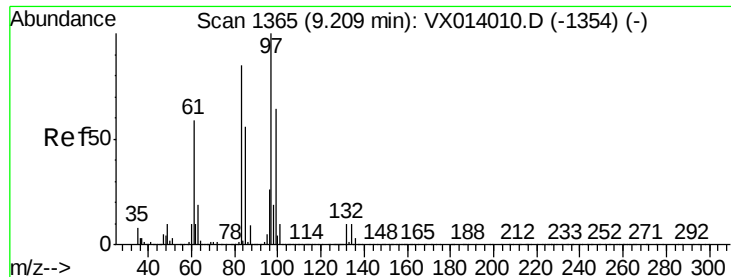
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#54
cis-1,3-Dichloropropene
Concen: 18.855 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX014333.D
Acq: 28 Dec 2019 01:50

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.5	25.3	37.9
39	51.8	39.9	59.9





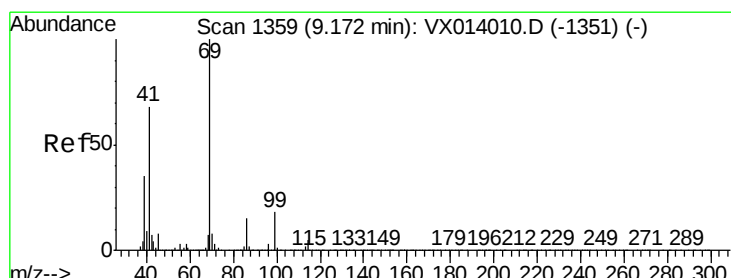
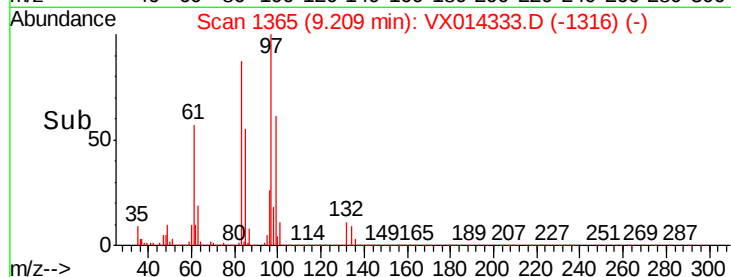
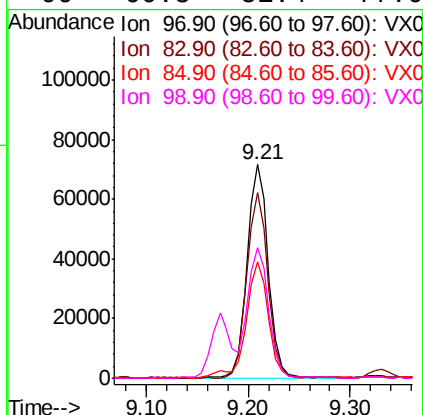
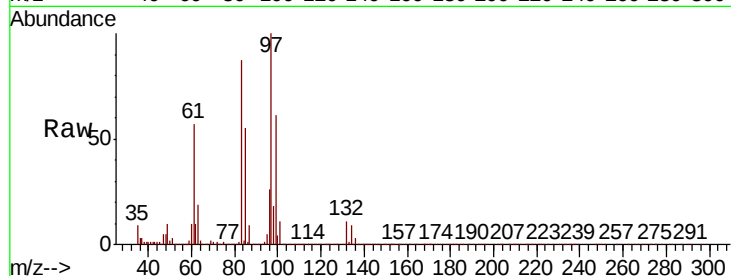
#55
 1,1,2-Trichloroethane
 Concen: 19.650 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX014333.D
 Acq: 28 Dec 2019 01:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1227WBSD02

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		102670		
83	87.0	68.2	102.4		
85	54.6	44.6	66.8		
99	60.8	51.4	77.0		

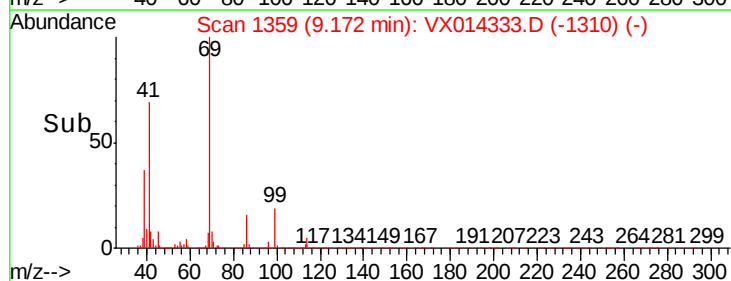
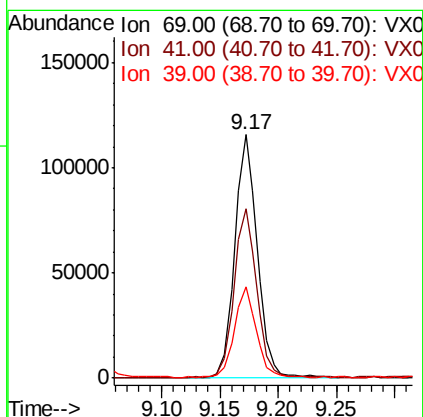
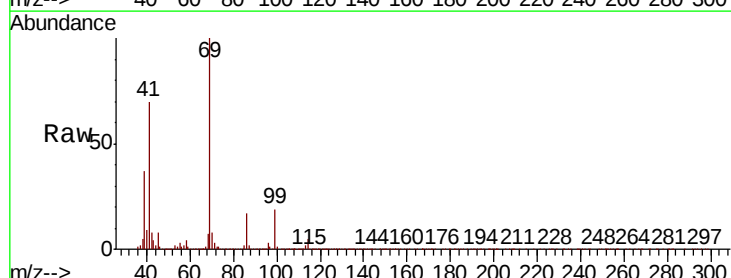
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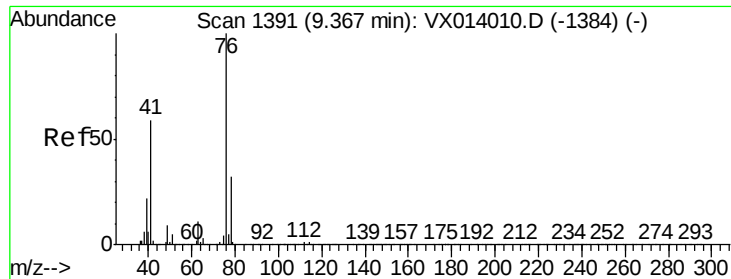
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#56
 Ethyl methacrylate
 Concen: 19.160 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX014333.D
 Acq: 28 Dec 2019 01:50

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		157249		
41	69.7	54.8	82.2		
39	35.2	28.3	42.5		





#57

1,3-Dichloropropane

Concen: 19.998 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX014333.D

Acq: 28 Dec 2019 01:50

Instrument :

MSVOA_X

ClientSampleId :

VX1227WBSD02

Tot Ion: 76 Resp: 175801

Ion Ratio Lower Upper

76 100

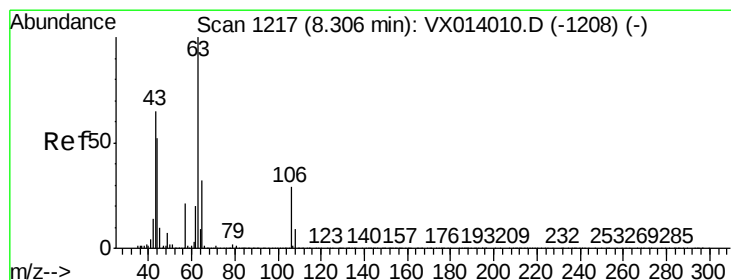
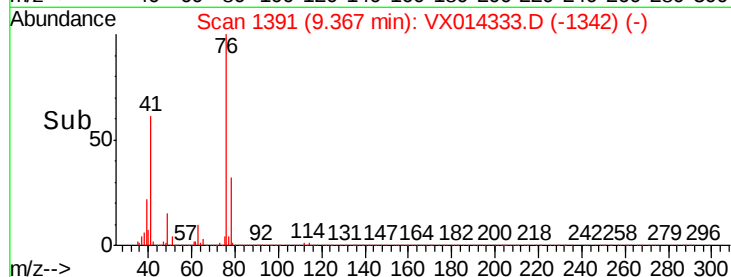
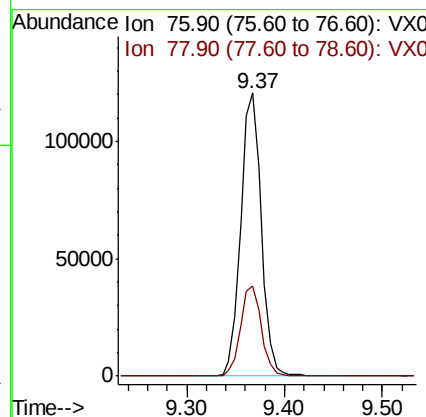
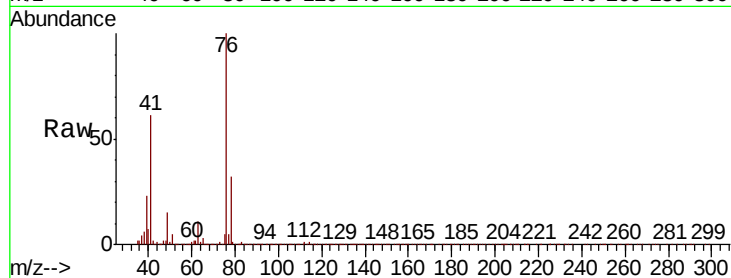
78 32.0 25.8 38.6

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 96.121 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. 0.00 min

Lab File: VX014333.D

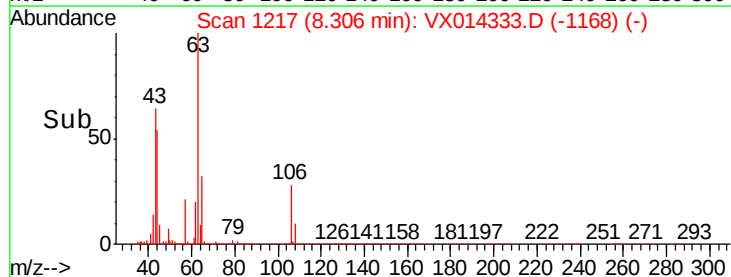
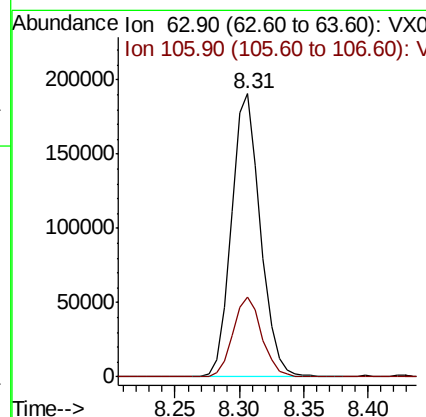
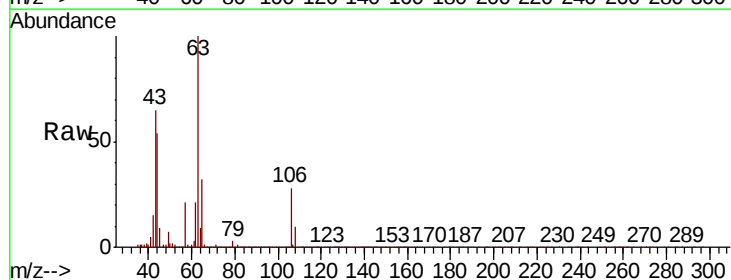
Acq: 28 Dec 2019 01:50

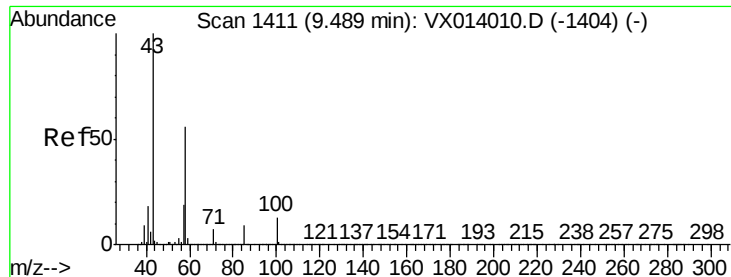
Tgt Ion: 63 Resp: 298550

Ion Ratio Lower Upper

63 100

106 28.3 23.0 34.6





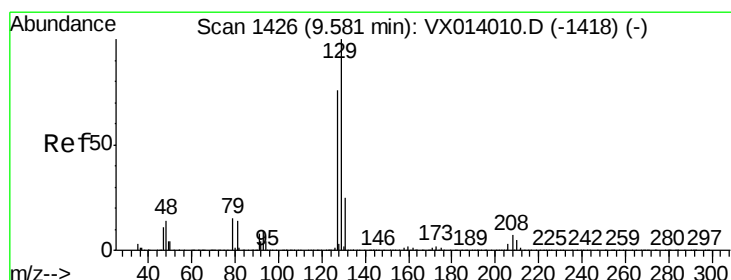
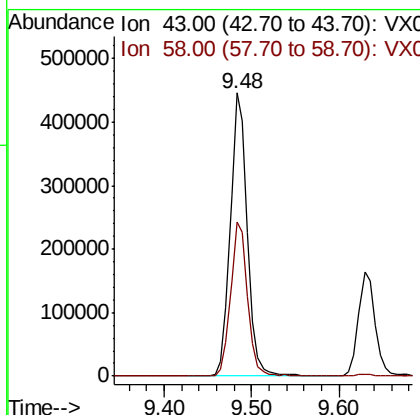
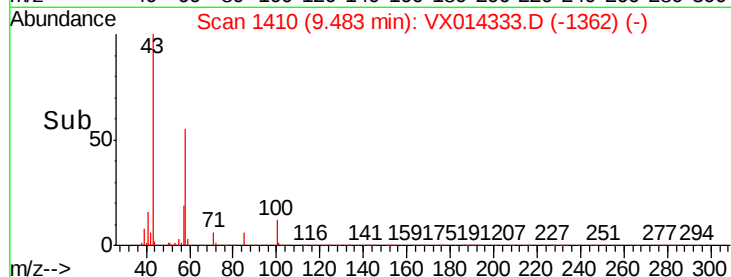
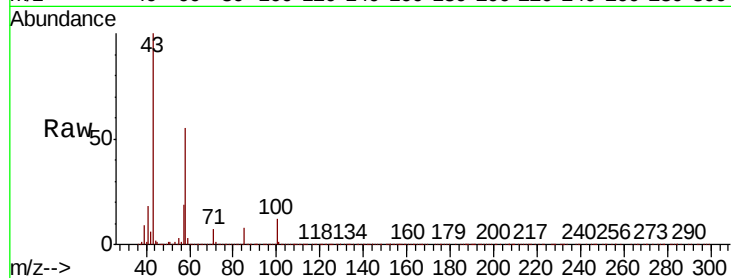
#59
2-Hexanone
Concen: 97.018 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VX014333.D
Acq: 28 Dec 2019 01:50

Instrument :
MSVOA_X
ClientSampleId :
VX1227WBSD02

Tot Ion: 43 Resp: 600855
Ion Ratio Lower Upper
43 100
58 54.6 28.0 84.0

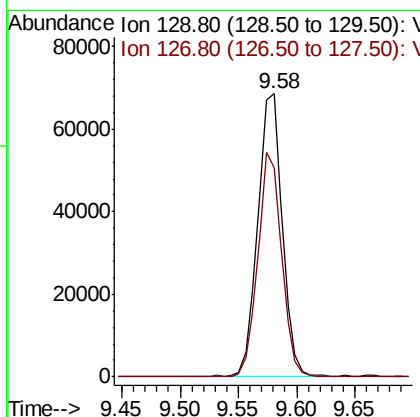
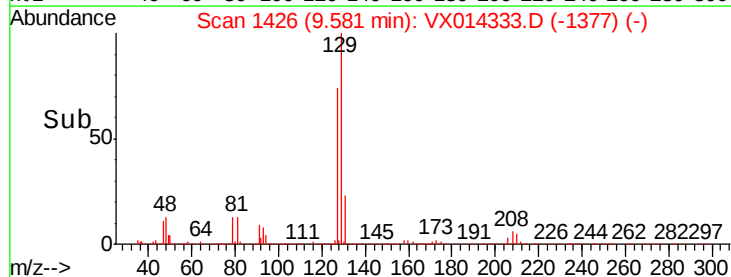
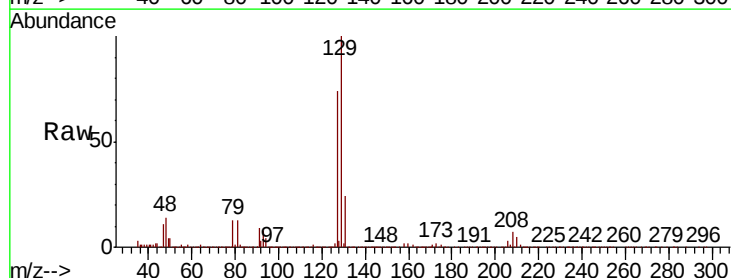
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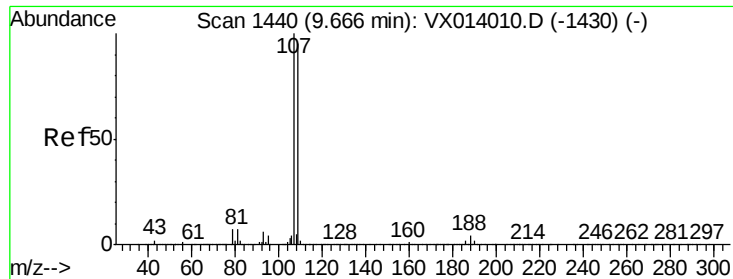
apatel
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#60
Dibromochloromethane
Concen: 19.481 ug/l
RT: 9.58 min Scan# 1426
Delta R.T. 0.00 min
Lab File: VX014333.D
Acq: 28 Dec 2019 01:50

Tgt Ion: 129 Resp: 101174
Ion Ratio Lower Upper
129 100
127 76.5 38.4 115.2





#61

1,2-Dibromoethane

Concen: 19.625 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX014333.D

Acq: 28 Dec 2019 01:50

Instrument :

MSVOA_X

ClientSampleId :

VX1227WBSD02

Tot Ion: 107 Resp: 104912

Ion Ratio Lower Upper

107 100

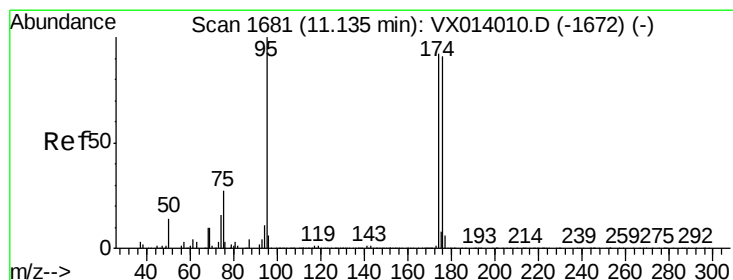
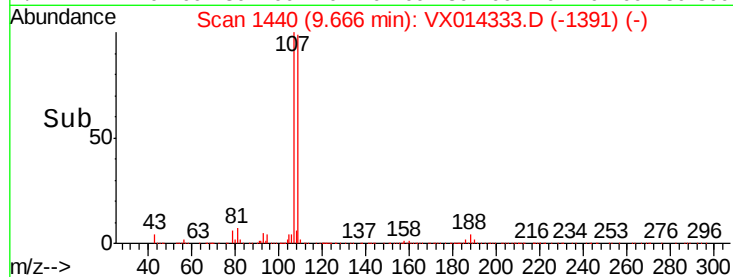
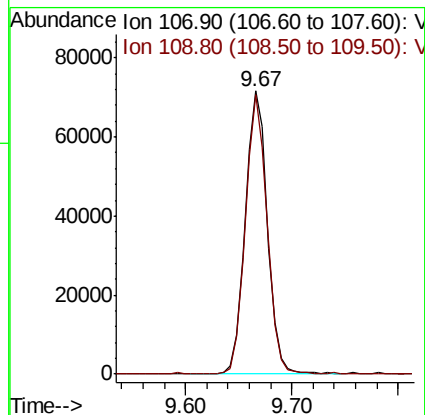
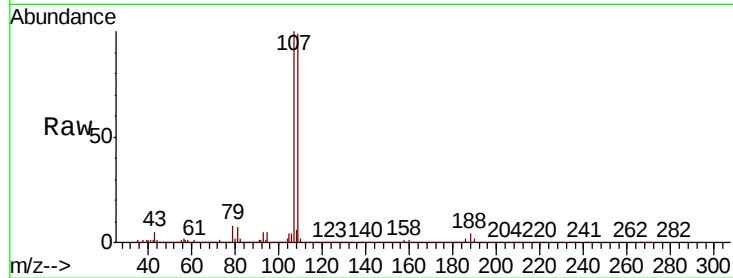
109 96.3 75.7 113.5

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#62

4-Bromofluorobenzene

Concen: 46.626 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX014333.D

Acq: 28 Dec 2019 01:50

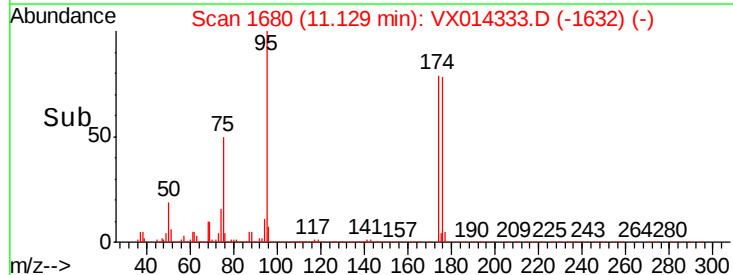
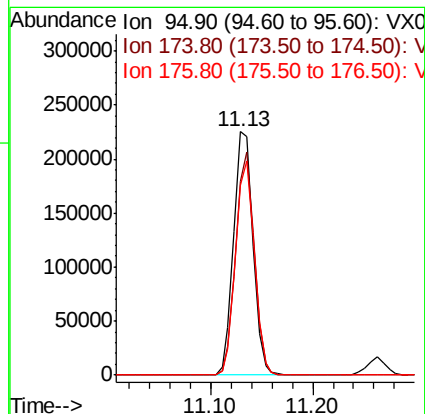
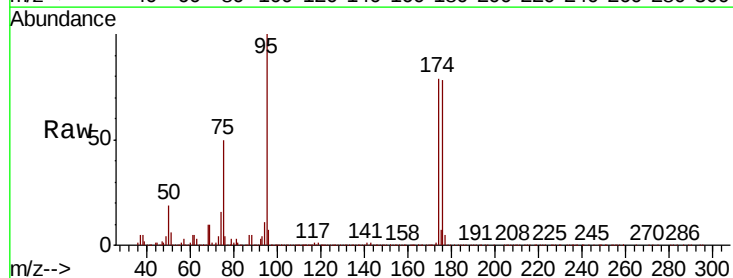
Tgt Ion: 95 Resp: 294684

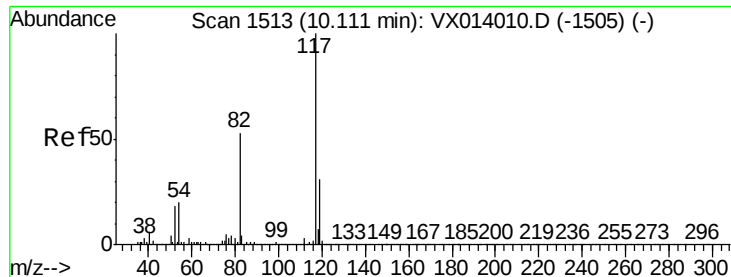
Ion Ratio Lower Upper

95 100

174 87.6 0.0 175.8

176 85.2 0.0 173.0





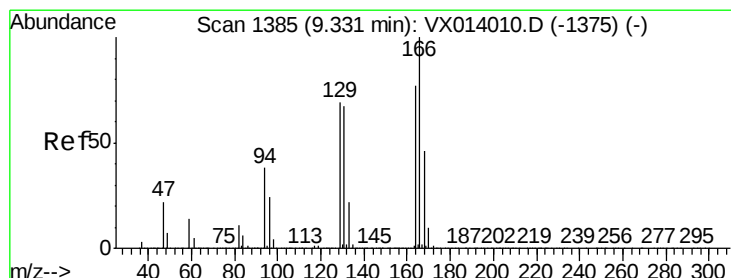
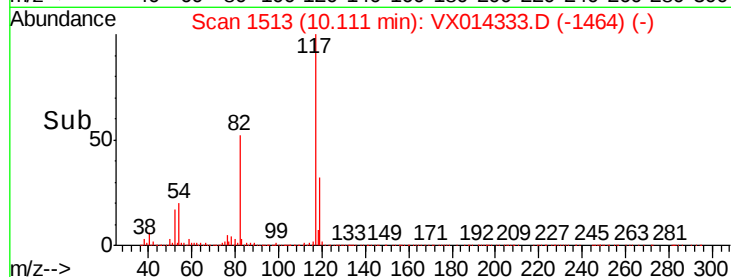
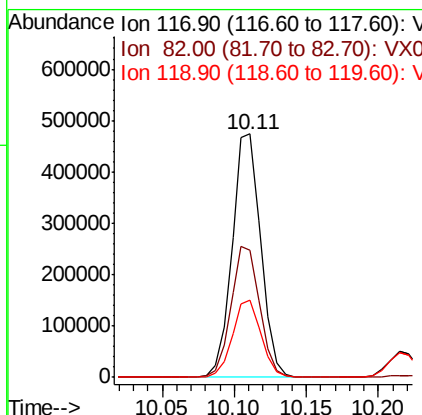
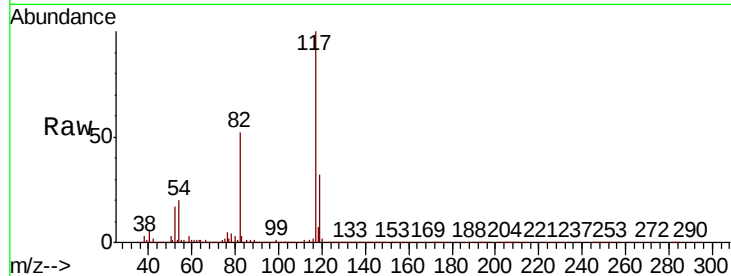
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX014333.D
Acq: 28 Dec 2019 01:50

Instrument :
MSVOA_X
ClientSampleId :
VX1227WBSD02

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.2	42.2	63.4
119	31.8	25.1	37.7

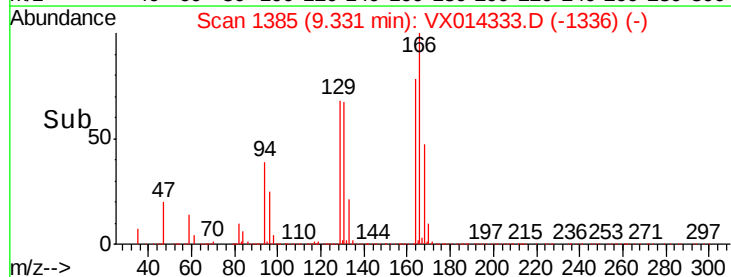
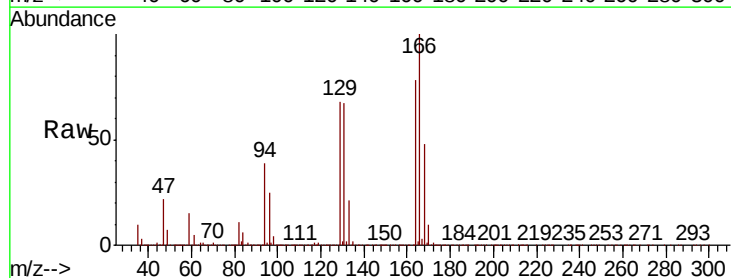
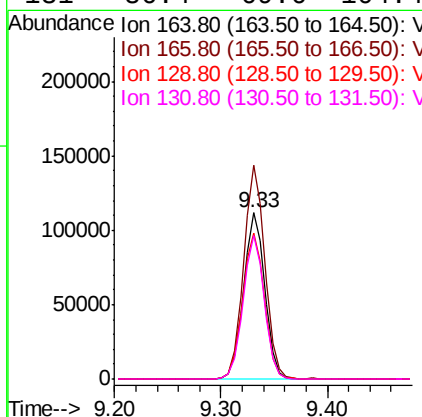
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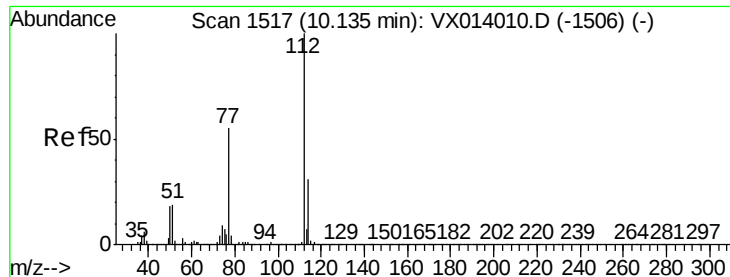
apatel
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#64
Tetrachloroethene
Concen: 26.833 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX014333.D
Acq: 28 Dec 2019 01:50

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.5	104.0	156.0
129	87.7	72.2	108.4
131	86.4	69.6	104.4





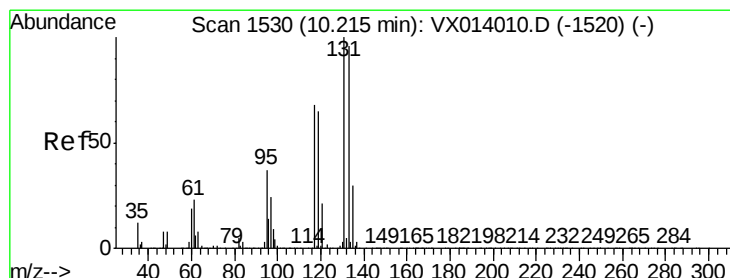
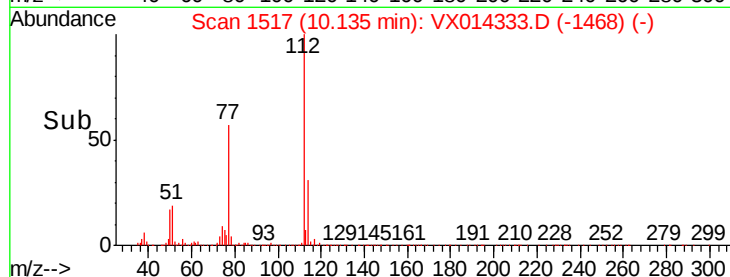
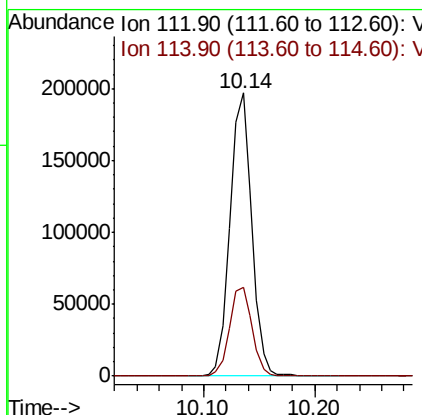
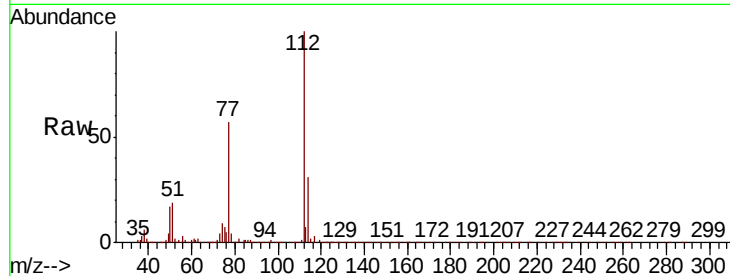
#65
Chlorobenzene
Concen: 18.851 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VX014333.D
Acq: 28 Dec 2019 01:50

Instrument :
MSVOA_X
ClientSampleId :
VX1227WBSD02

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.2	24.9	37.3

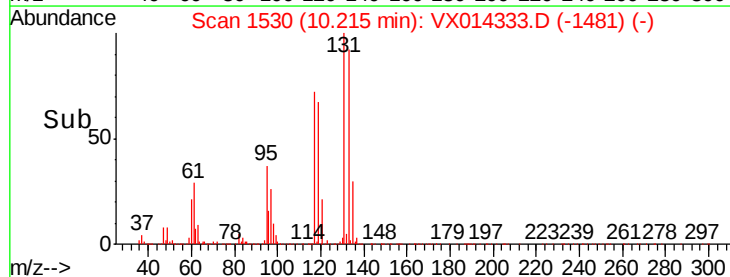
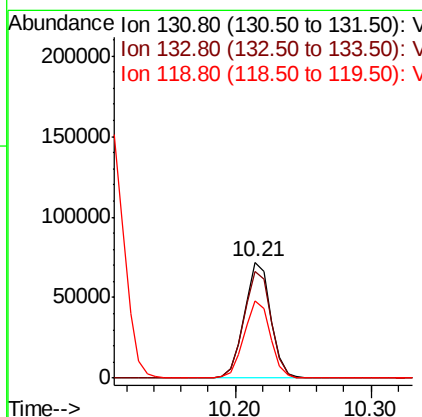
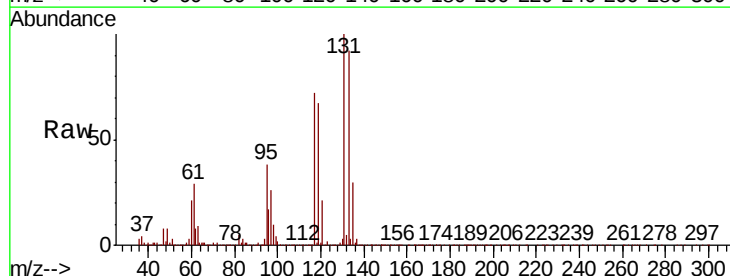
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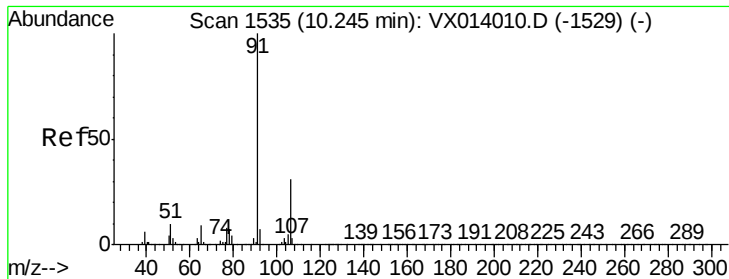
apatel
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#66
1,1,1,2-Tetrachloroethane
Concen: 19.443 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. 0.00 min
Lab File: VX014333.D
Acq: 28 Dec 2019 01:50

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.5	48.0	144.0
119	65.9	33.4	100.2





#67

Ethyl Benzene

Concen: 19.122 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX014333.D

Acq: 28 Dec 2019 01:50

Instrument :

MSVOA_X

ClientSampleId :

VX1227WBSD02

Tot Ion: 91 Resp: 460964

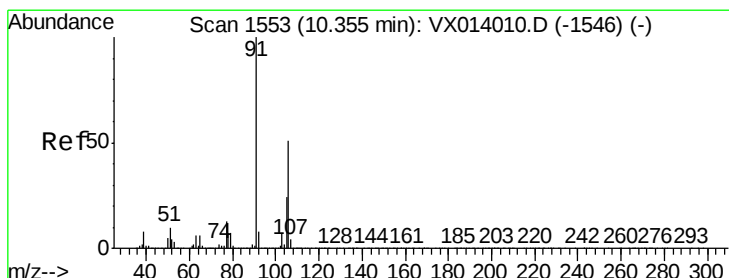
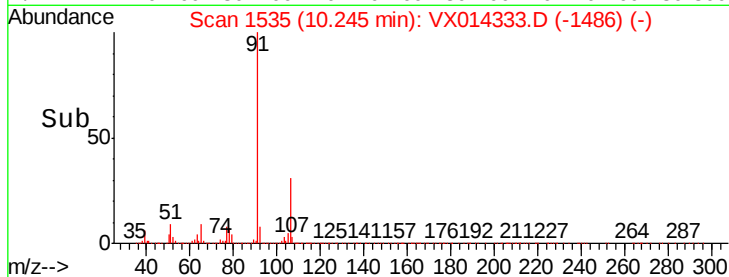
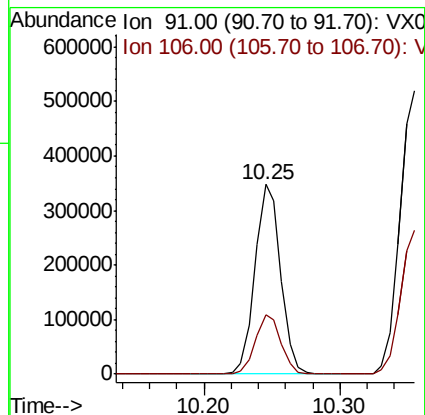
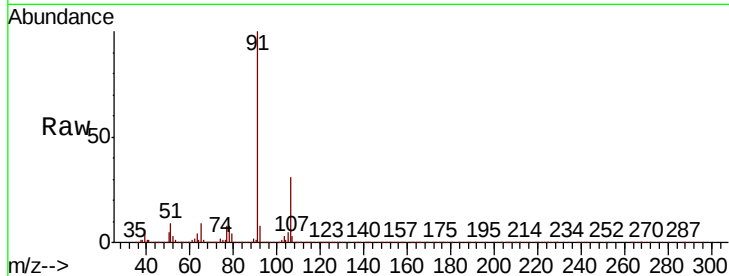
Ion Ratio Lower Upper

91 100

106 31.2 25.0 37.6

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#68

m/p-Xylenes

Concen: 38.093 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX014333.D

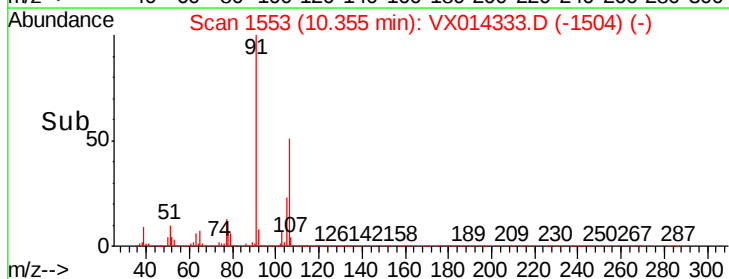
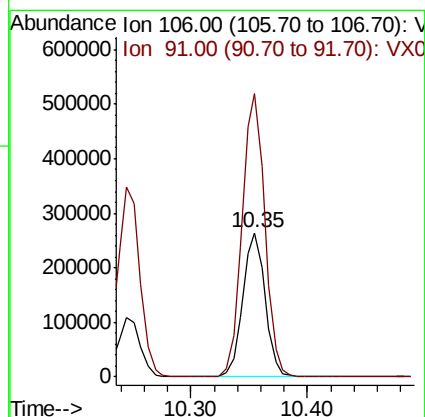
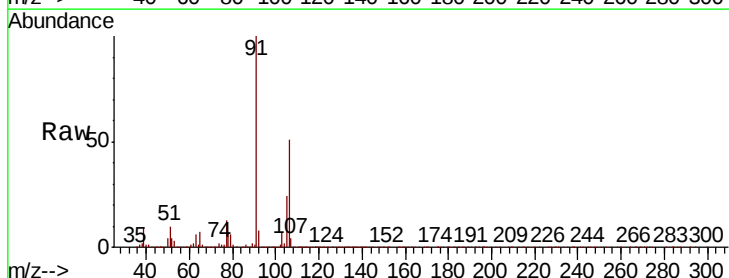
Acq: 28 Dec 2019 01:50

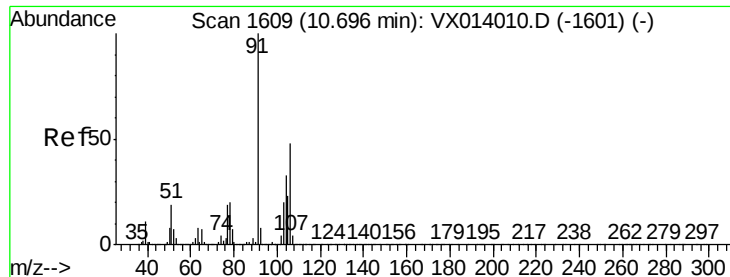
Tgt Ion: 106 Resp: 353174

Ion Ratio Lower Upper

106 100

91 199.5 158.6 238.0





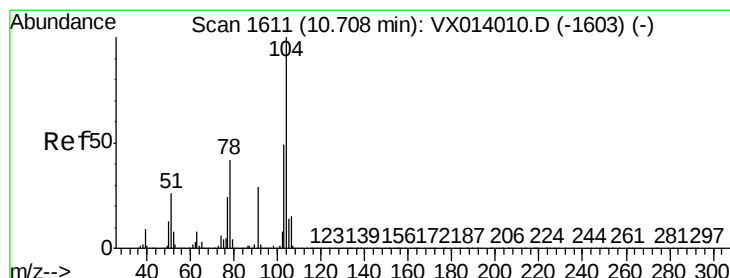
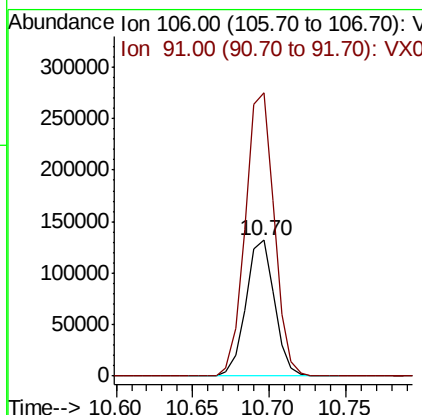
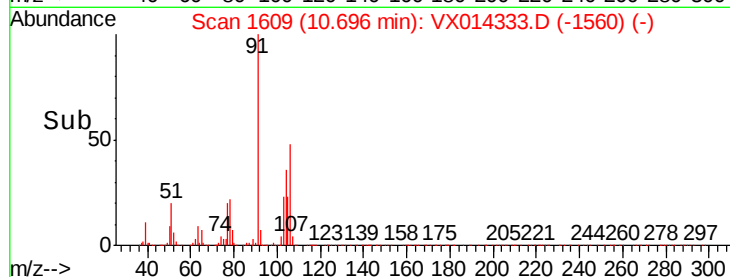
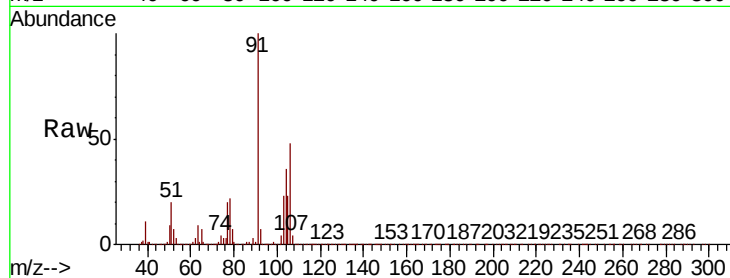
#69
o-Xylene
Concen: 18.863 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX014333.D
Acq: 28 Dec 2019 01:50

Instrument :
MSVOA_X
ClientSampleId :
VX1227WBSD02

Tot Ion	Ratio	Lower	Upper
106	100		
91	210.0	104.2	312.6

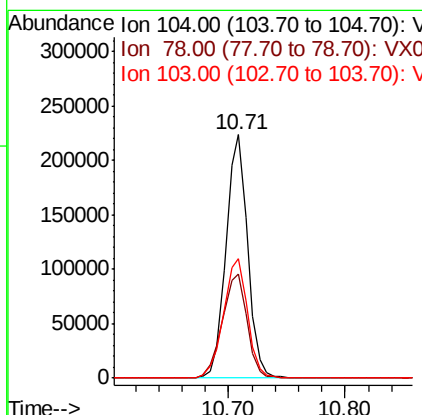
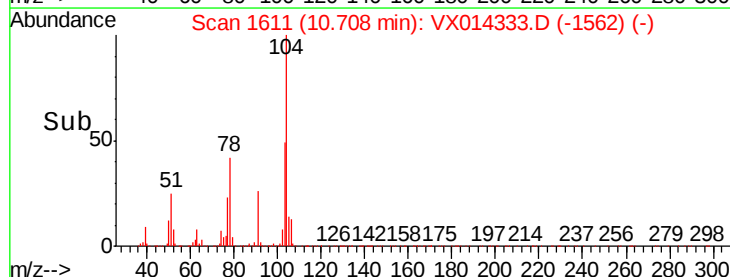
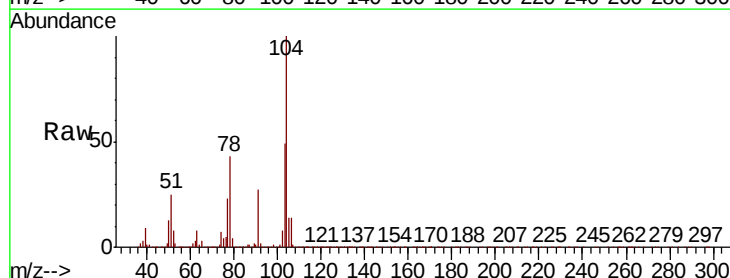
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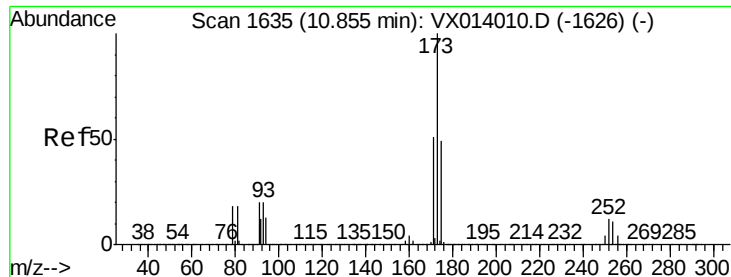
apatel
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#70
Styrene
Concen: 18.766 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX014333.D
Acq: 28 Dec 2019 01:50

Tgt Ion	Ratio	Lower	Upper
104	100		
78	48.4	38.5	57.7
103	54.2	42.9	64.3





#71

Bromoform

Concen: 18.614 ug/l

RT: 10.85 min Scan# 1634

Delta R.T. -0.01 min

Lab File: VX014333.D

Acq: 28 Dec 2019 01:50

Instrument :

MSVOA_X

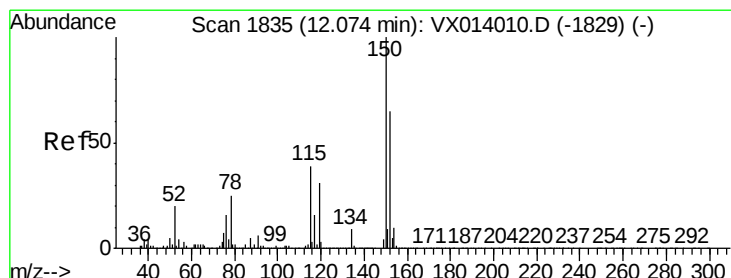
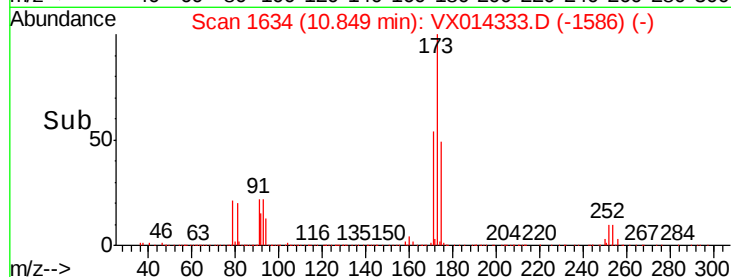
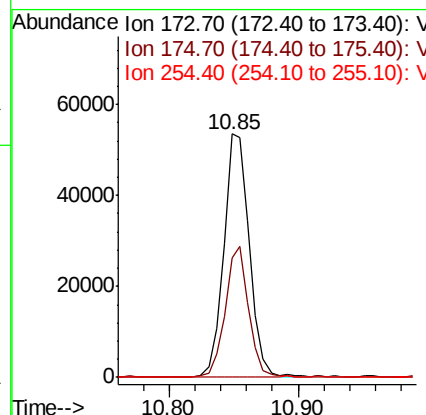
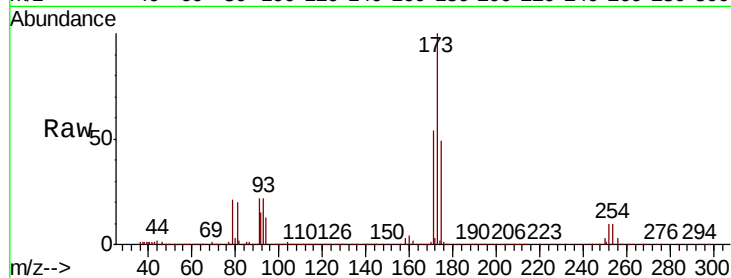
ClientSampleId :

VX1227WBSD02

Tot Ion:	173	Resp:	74907
Ion Ratio	Lower	Upper	
173	100		
175	49.4	24.4	73.4
254	0.2	0.2	0.2

Manual Integrations
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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

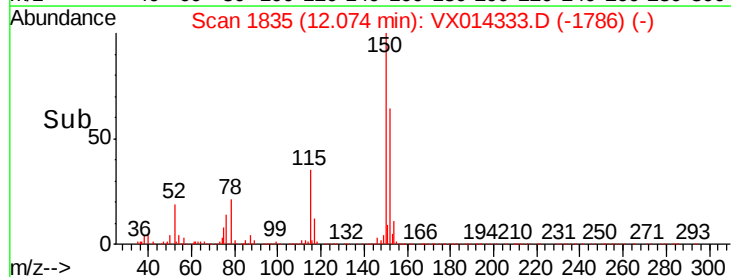
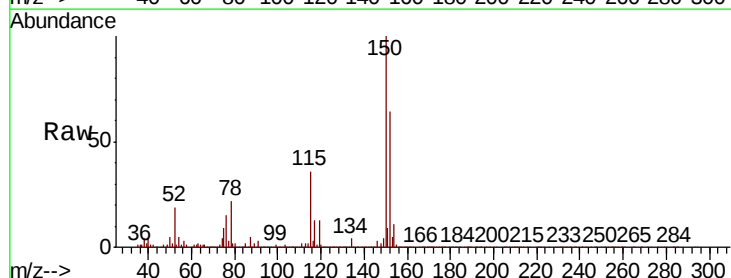
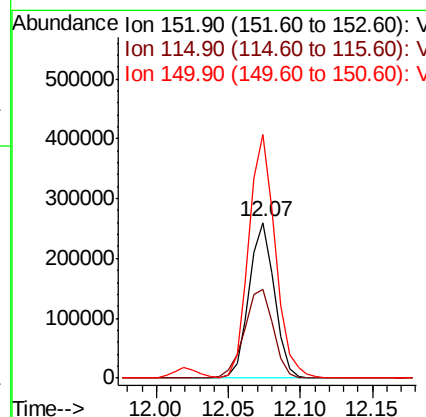
RT: 12.07 min Scan# 1835

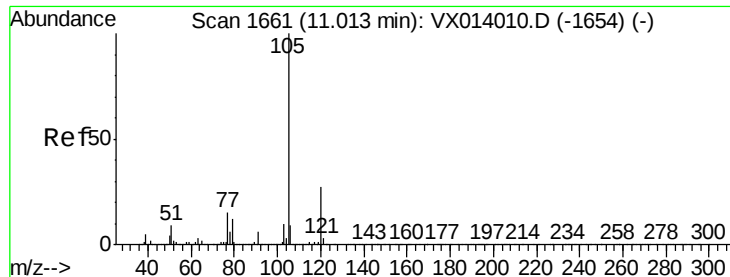
Delta R.T. 0.00 min

Lab File: VX014333.D

Acq: 28 Dec 2019 01:50

Tgt Ion:	152	Resp:	314444
Ion Ratio	Lower	Upper	
152	100		
115	65.5	38.3	114.9
150	163.9	0.0	345.4





#73

Isopropylbenzene

Concen: 20.440 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX014333.D

Acq: 28 Dec 2019 01:50

Instrument :

MSVOA_X

ClientSampleId :

VX1227WBSD02

Tot Ion: 105 Resp: 452534

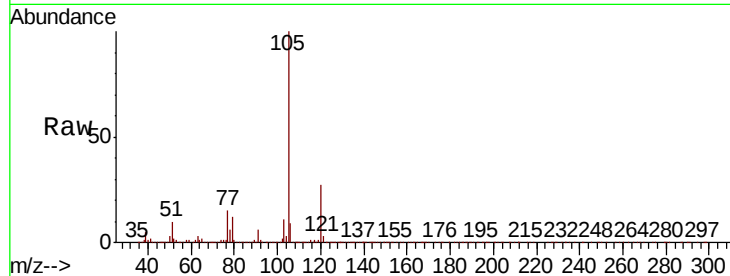
Ion Ratio Lower Upper

105 100

120 27.0 13.5 40.4

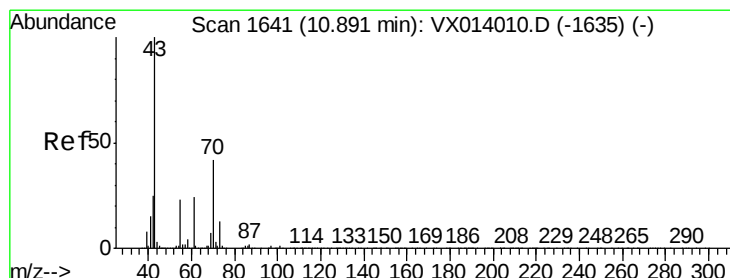
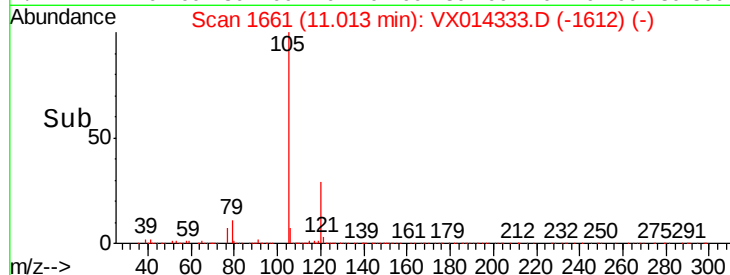
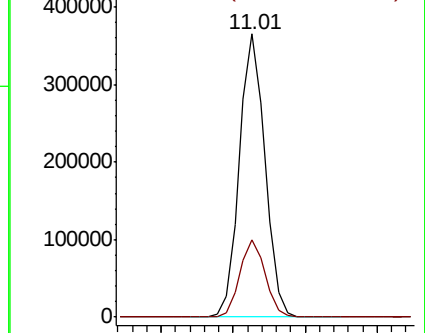
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 19.333 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX014333.D

Acq: 28 Dec 2019 01:50

Tgt Ion: 43 Resp: 200634

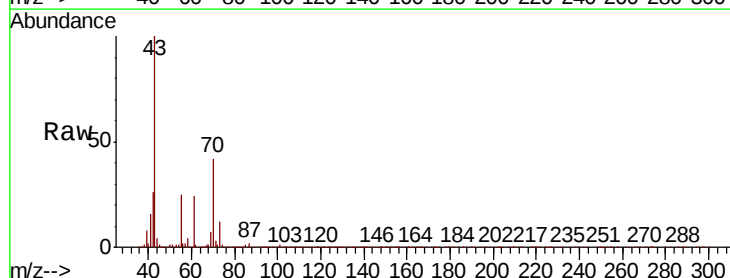
Ion Ratio Lower Upper

43 100

70 43.5 34.4 51.6

55 25.0 19.1 28.7

61 25.2 19.7 29.5

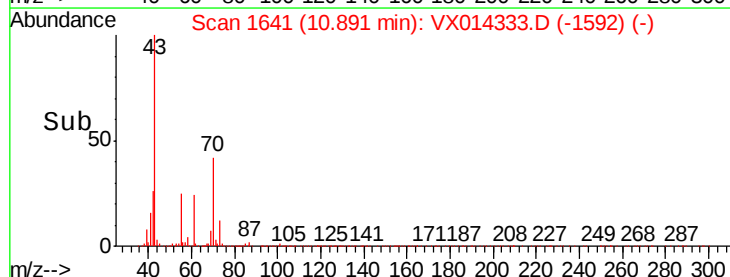
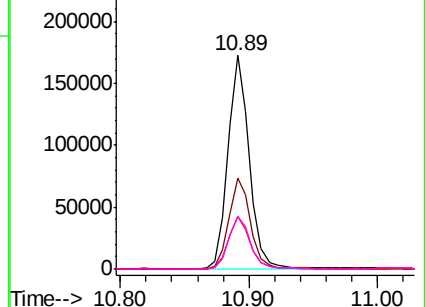


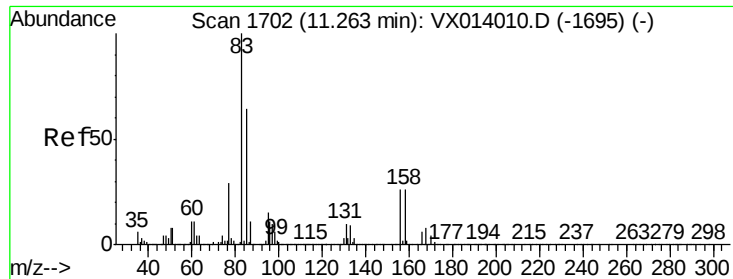
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 18.019 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX014333.D

Acq: 28 Dec 2019 01:50

Instrument :

MSVOA_X

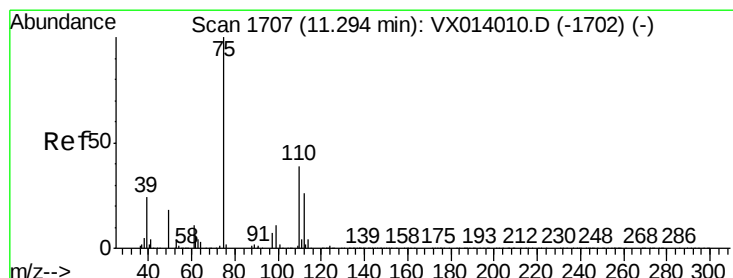
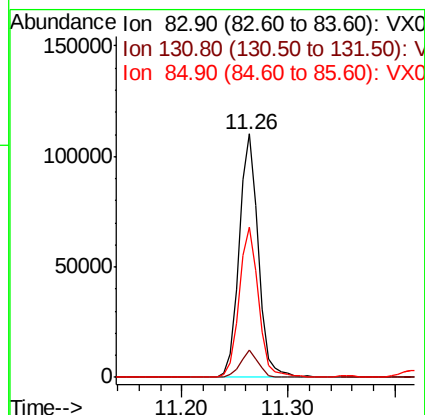
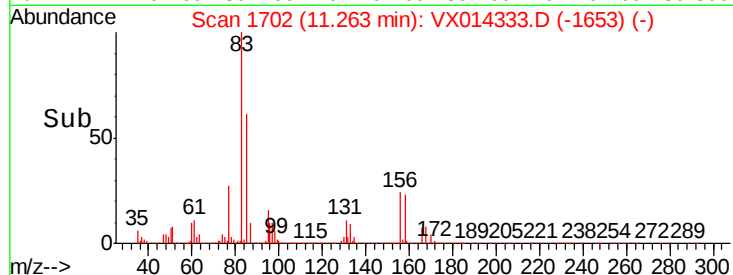
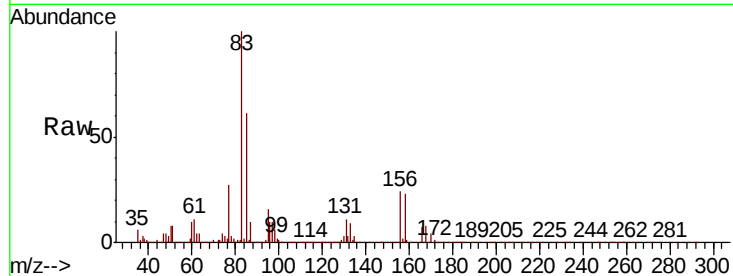
ClientSampleId :

VX1227WBSD02

Tot Ion:	83	Resp:	138304
Ion Ratio	Lower	Upper	
83	100		
131	10.5	5.1	15.2
85	62.2	31.9	95.7

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#76

1,2,3-Trichloropropane

Concen: 18.941 ug/l m

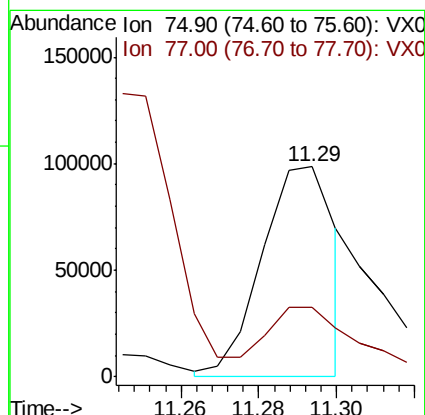
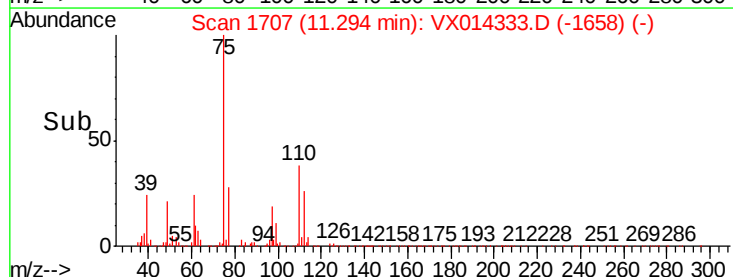
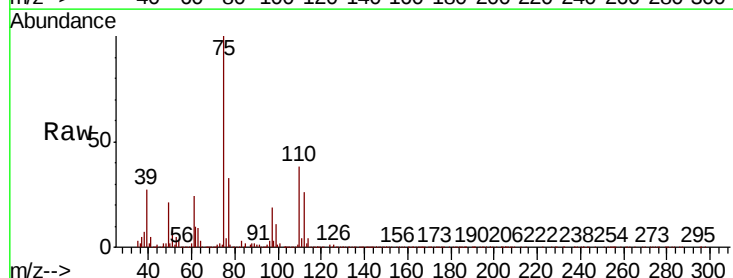
RT: 11.29 min Scan# 1707

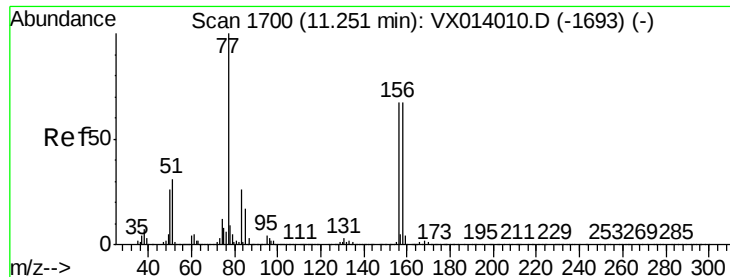
Delta R.T. 0.00 min

Lab File: VX014333.D

Acq: 28 Dec 2019 01:50

Tgt Ion:	75	Resp:	129301
Ion Ratio	Lower	Upper	
75	100		
77	40.8	19.3	57.8





#77

Bromobenzene

Concen: 19.458 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX014333.D

Acq: 28 Dec 2019 01:50

Instrument :

MSVOA_X

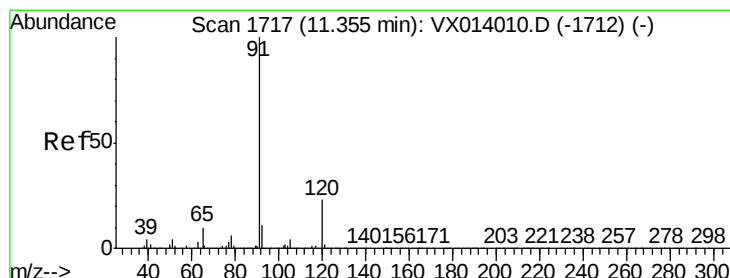
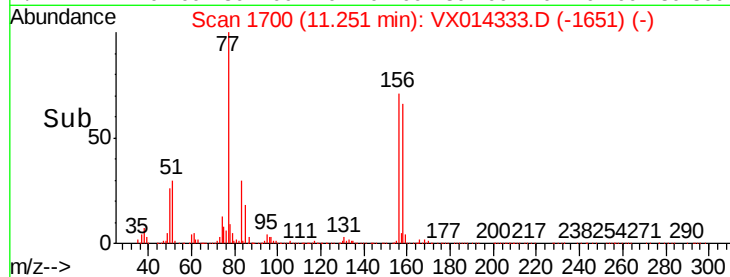
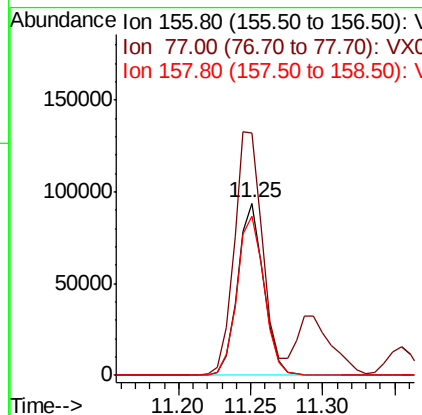
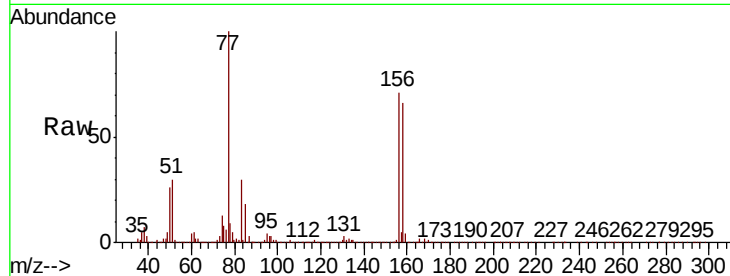
ClientSampleId :

VX1227WBSD02

Tot Ion:	156	Resp:	118527
Ion Ratio	Lower	Upper	
156	100		
77	153.9	76.5	229.5
158	96.7	49.3	147.9

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#78

n-propylbenzene

Concen: 20.385 ug/l

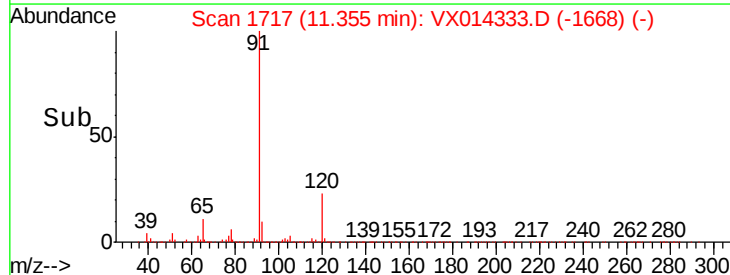
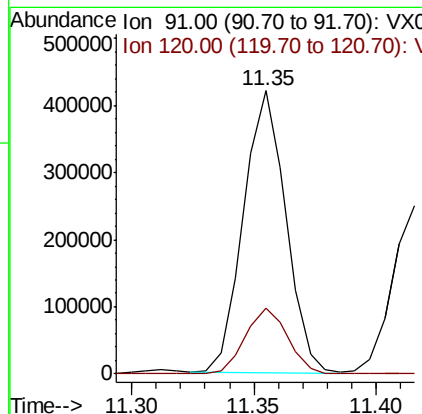
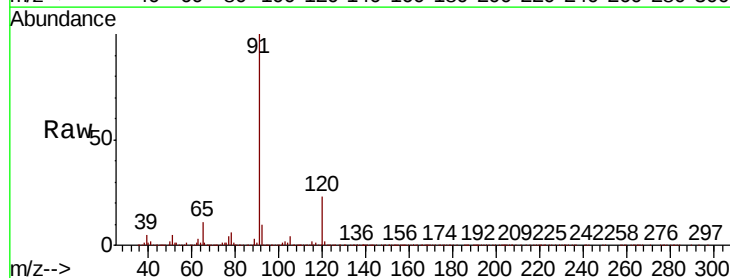
RT: 11.35 min Scan# 1717

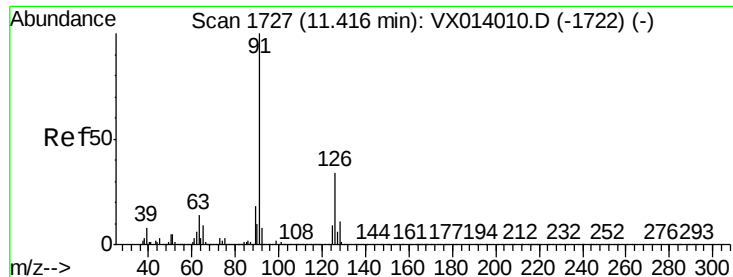
Delta R.T. 0.00 min

Lab File: VX014333.D

Acq: 28 Dec 2019 01:50

Tgt Ion:	91	Resp:	506214
Ion Ratio	Lower	Upper	
91	100		
120	23.4	11.7	35.0





#79

2-Chlorotoluene

Concen: 20.326 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX014333.D

Acq: 28 Dec 2019 01:50

Instrument :

MSVOA_X

ClientSampleId :

VX1227WBSD02

Tot Ion: 91 Resp: 306835

Ion Ratio Lower Upper

91 100

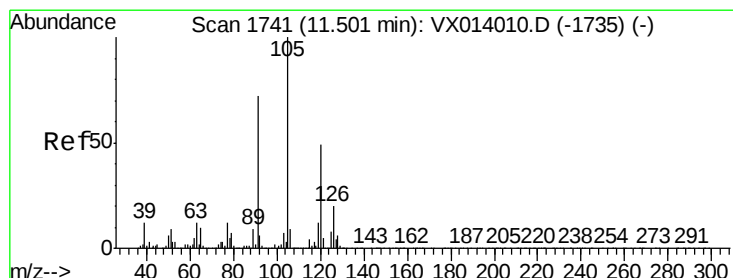
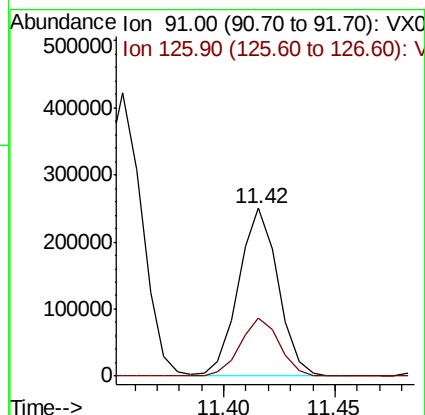
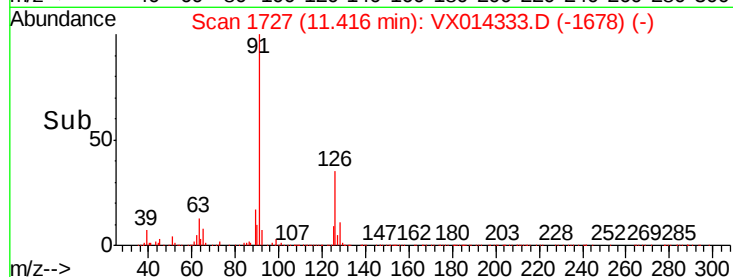
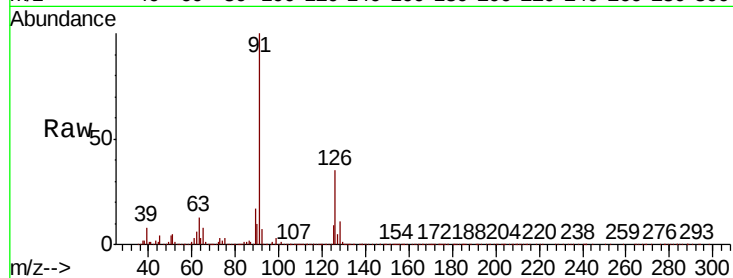
126 34.6 17.2 51.6

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#80

1,3,5-Trimethylbenzene

Concen: 20.035 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX014333.D

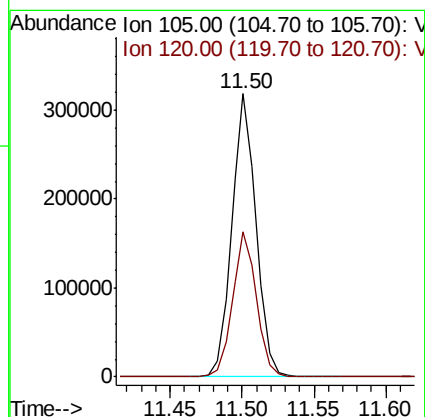
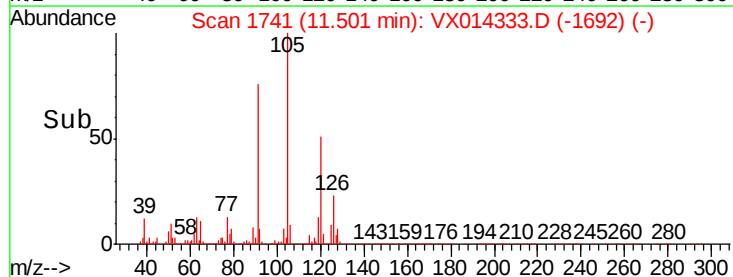
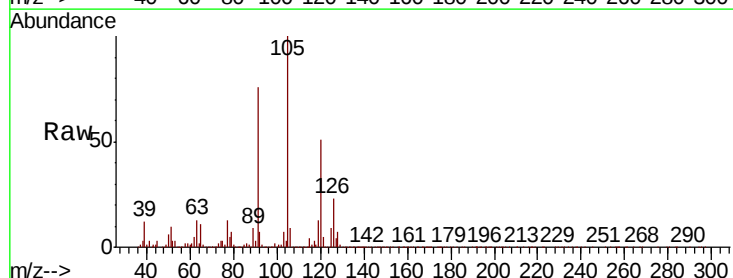
Acq: 28 Dec 2019 01:50

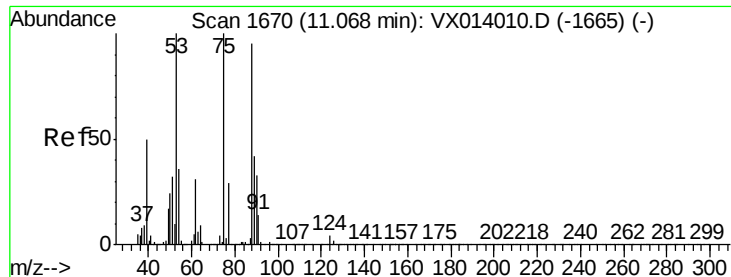
Tgt Ion: 105 Resp: 373302

Ion Ratio Lower Upper

105 100

120 50.7 25.3 75.8





#81

trans-1,4-Dichloro-2-butene

Concen: 17.092 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX014333.D

Acq: 28 Dec 2019 01:50

Instrument :

MSVOA_X

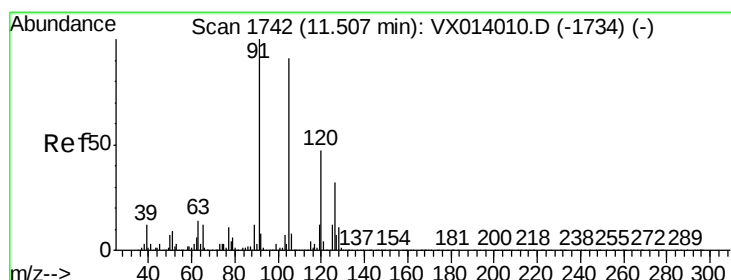
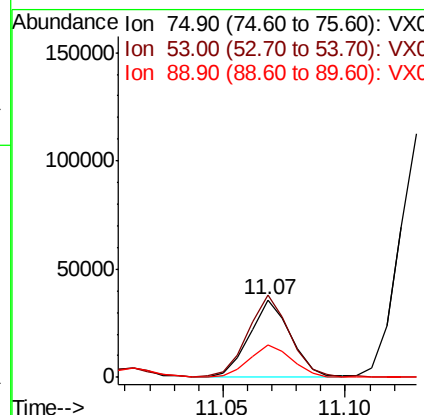
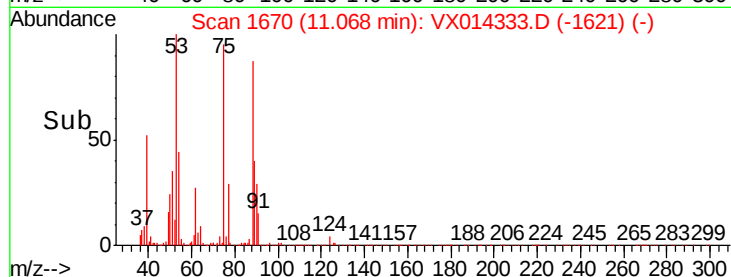
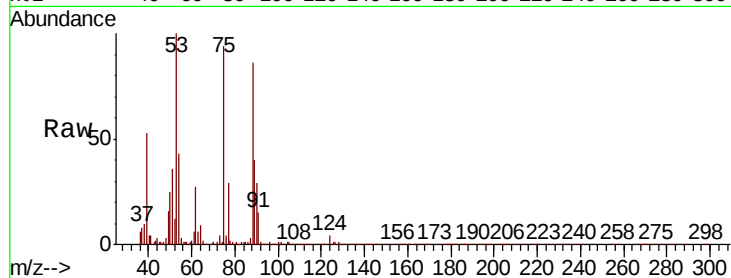
ClientSampleId :

VX1227WBSD02

Tot Ion:	75	Resp:	41338
Ion Ratio	Lower	Upper	
75	100		
53	107.4	76.7	115.1
89	44.5	34.6	51.8

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#82

4-Chlorotoluene

Concen: 19.871 ug/l

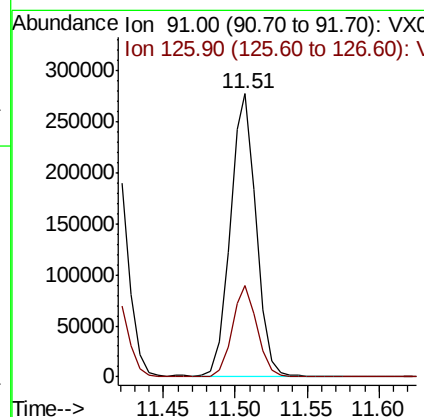
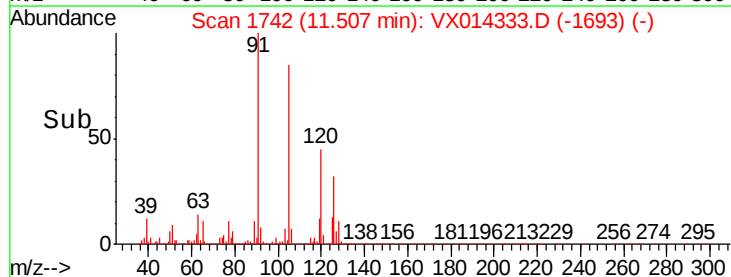
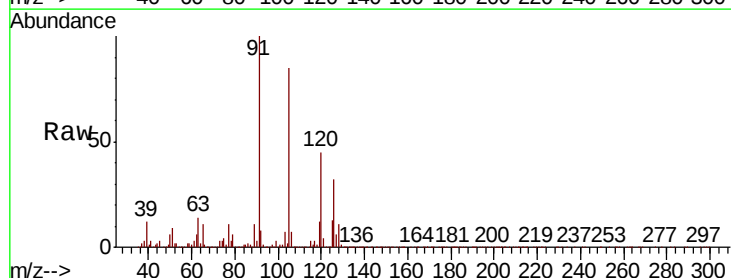
RT: 11.51 min Scan# 1742

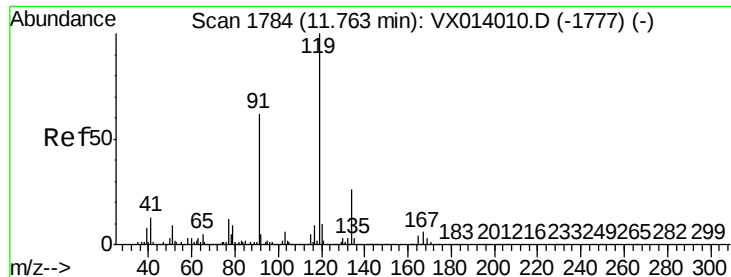
Delta R.T. 0.00 min

Lab File: VX014333.D

Acq: 28 Dec 2019 01:50

Tgt Ion:	91	Resp:	347939
Ion Ratio	Lower	Upper	
91	100		
126	30.9	15.6	46.8





#83

tert-Butylbenzene

Concen: 17.482 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. 0.00 min

Lab File: VX014333.D

Acq: 28 Dec 2019 01:50

Instrument :

MSVOA_X

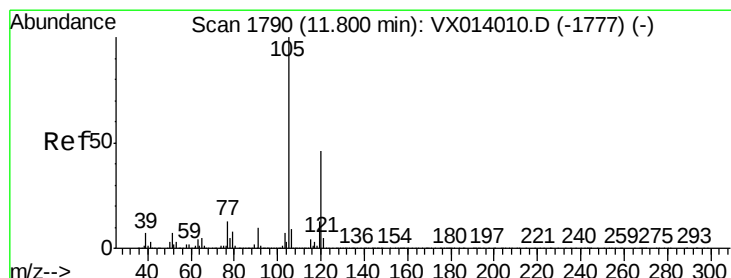
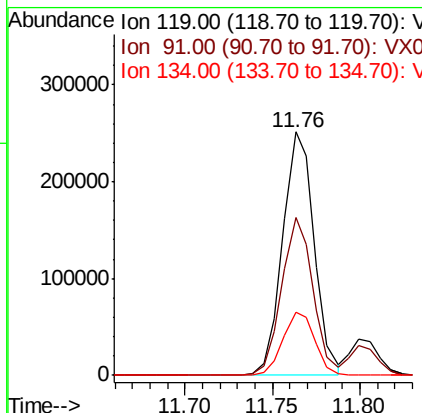
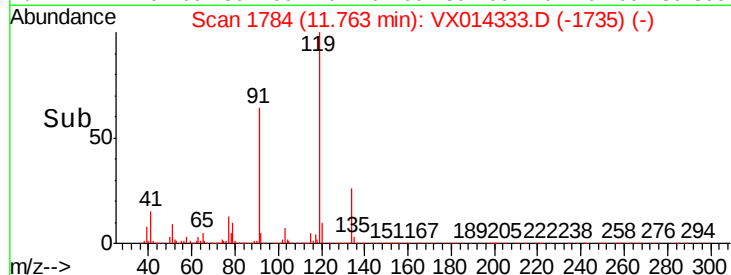
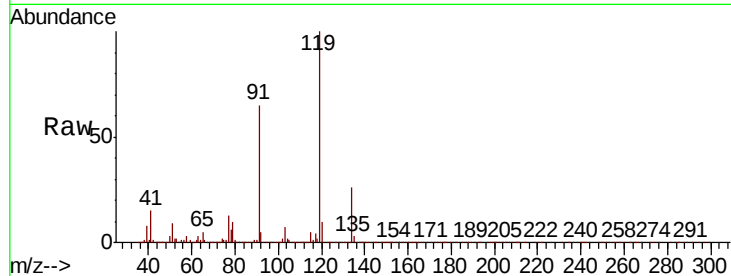
ClientSampleId :

VX1227WBSD02

Tot Ion:	119	Resp:	316988
Ion Ratio	Lower	Upper	
119	100		
91	64.5	28.5	85.6
134	26.1	12.2	36.6

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#84

1,2,4-Trimethylbenzene

Concen: 20.099 ug/l

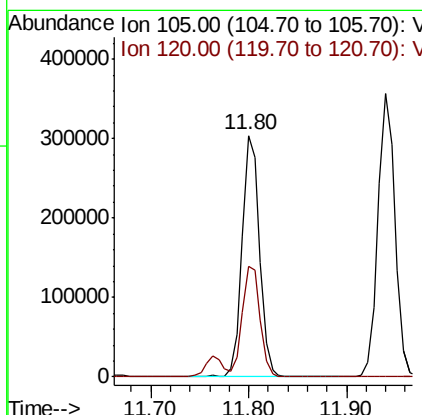
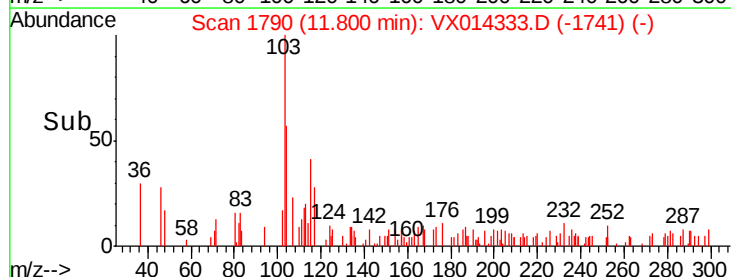
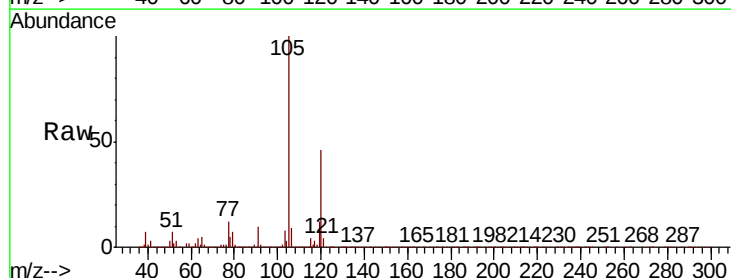
RT: 11.80 min Scan# 1790

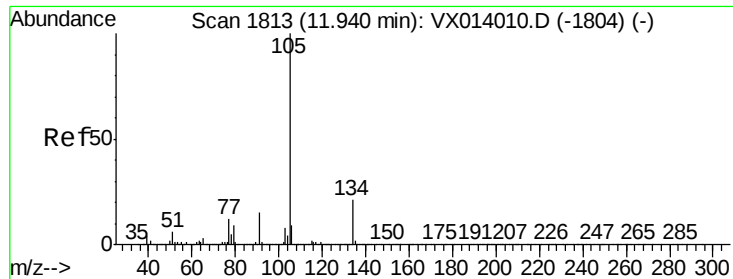
Delta R.T. 0.00 min

Lab File: VX014333.D

Acq: 28 Dec 2019 01:50

Tgt Ion:	105	Resp:	375030
Ion Ratio	Lower	Upper	
105	100		
120	46.2	23.1	69.2





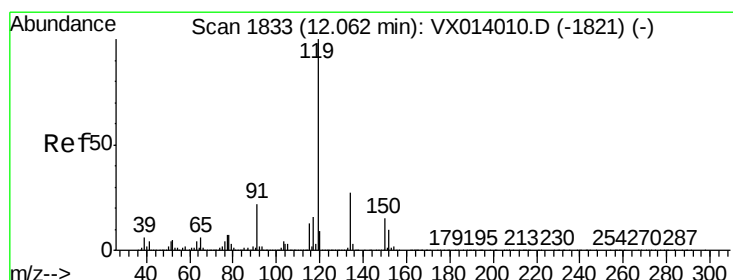
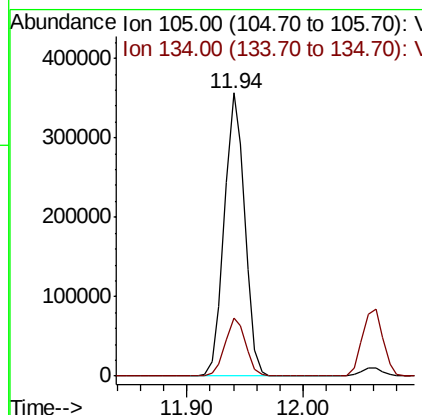
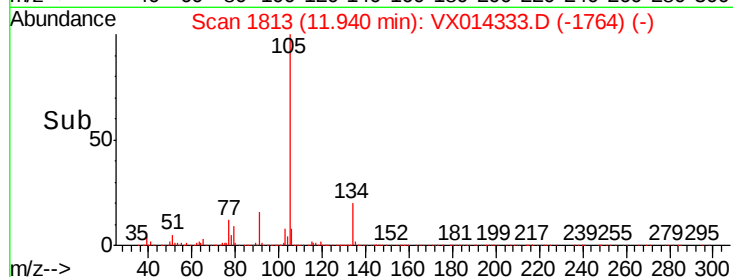
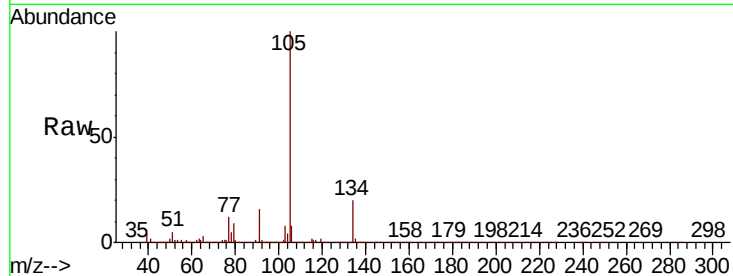
#85
 sec-Butylbenzene
 Concen: 20.101 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: VX014333.D
 Acq: 28 Dec 2019 01:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1227WBSD02

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.5	10.4	31.1

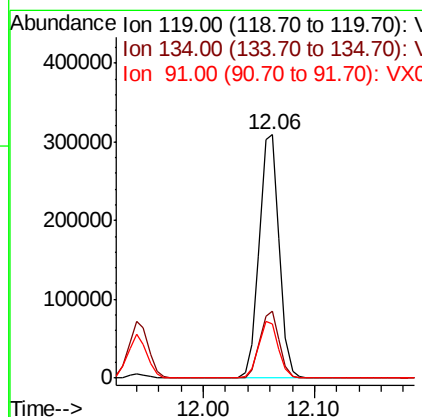
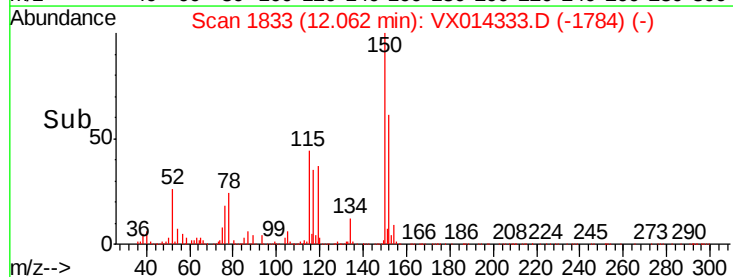
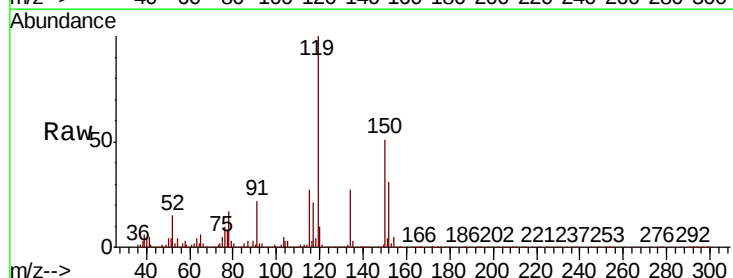
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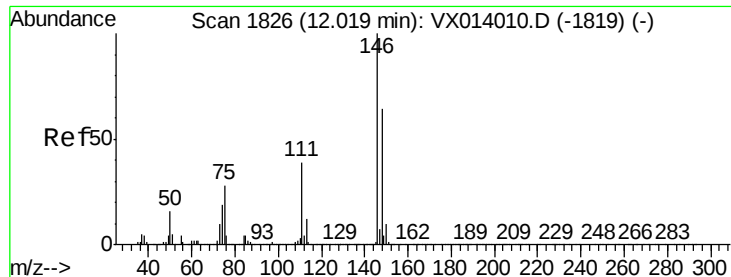
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#86
 p-Isopropyltoluene
 Concen: 19.761 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. 0.00 min
 Lab File: VX014333.D
 Acq: 28 Dec 2019 01:50

Tgt Ion	Ratio	Lower	Upper
119	100		
134	27.0	13.4	40.1
91	23.0	11.4	34.1





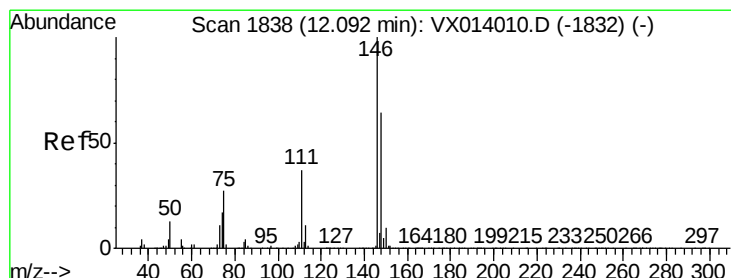
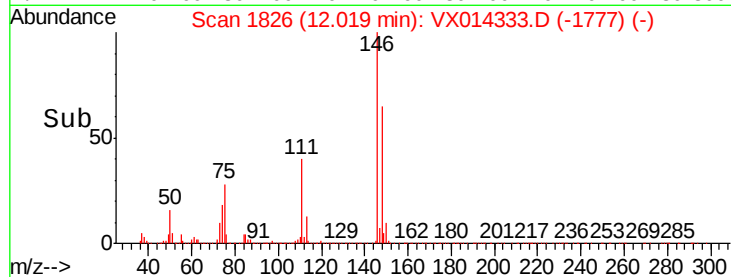
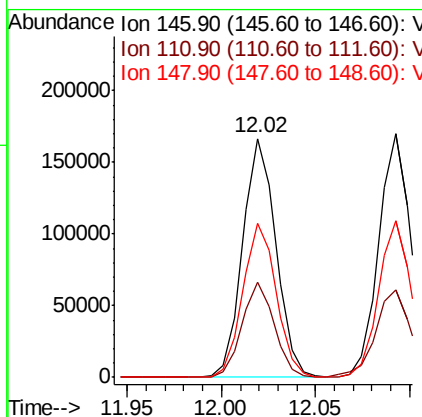
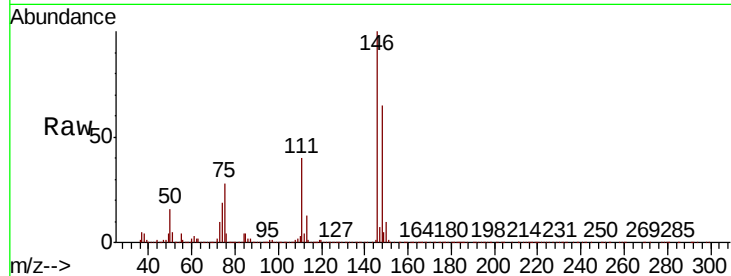
#87
 1,3-Dichlorobenzene
 Concen: 19.099 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX014333.D
 Acq: 28 Dec 2019 01:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1227WBSD02

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.5	19.1	57.1
148	65.0	32.3	96.9

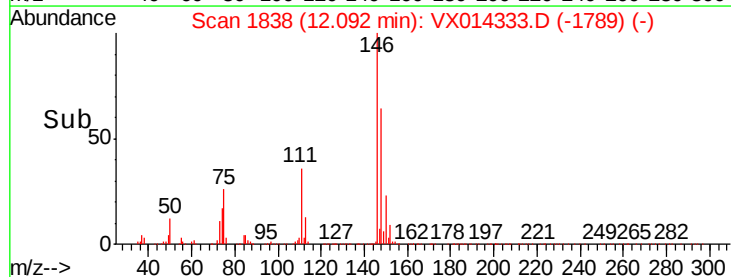
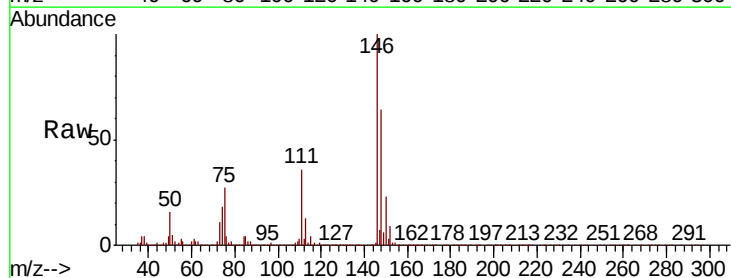
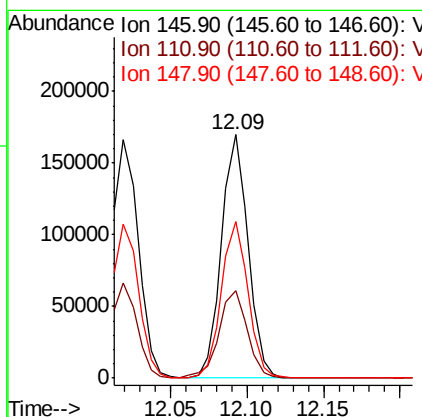
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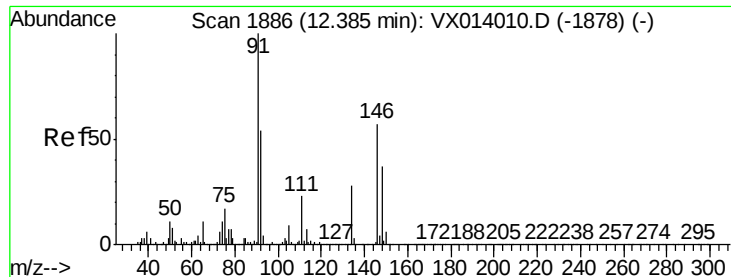
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#88
 1,4-Dichlorobenzene
 Concen: 18.805 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX014333.D
 Acq: 28 Dec 2019 01:50

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.1	18.7	56.1
148	64.3	31.9	95.9





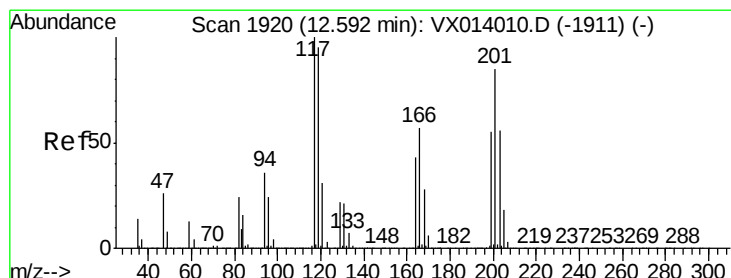
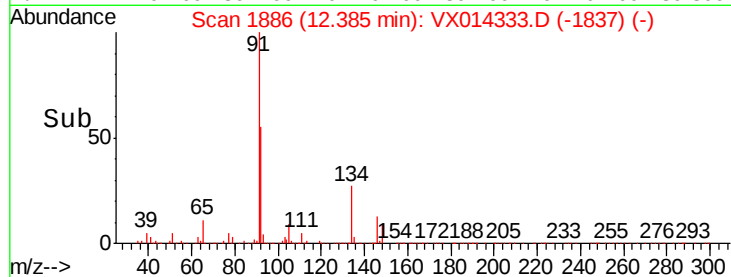
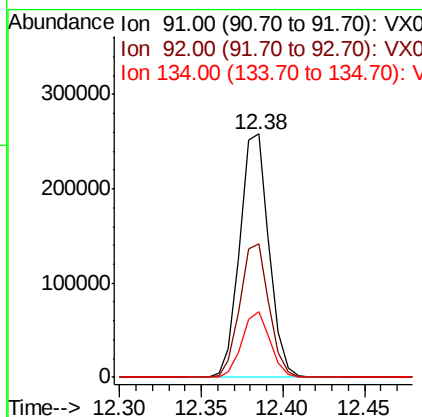
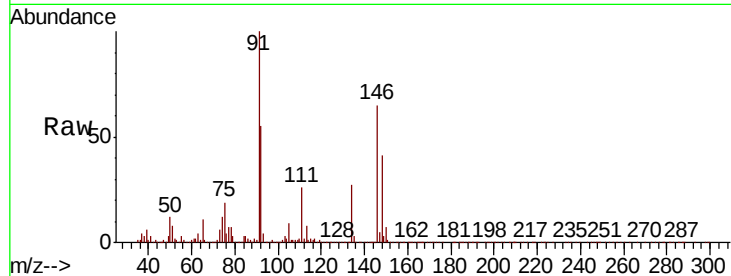
#89
n-Butylbenzene
Concen: 19.273 ug/l
RT: 12.38 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX014333.D
Acq: 28 Dec 2019 01:50

Instrument :
MSVOA_X
ClientSampleId :
VX1227WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
91	100			
92	54.7	27.2	81.6	
134	26.1	13.4	40.1	

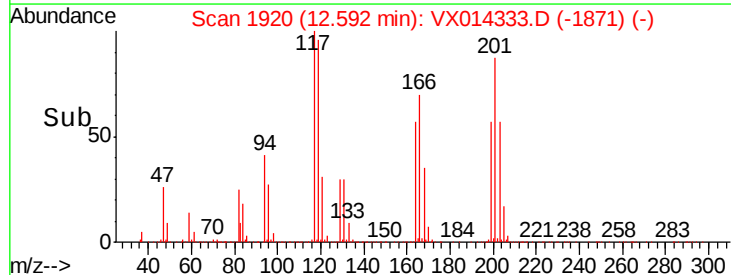
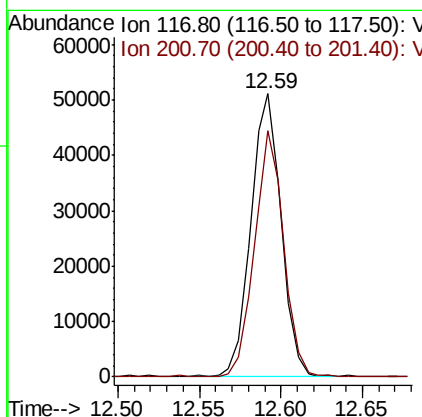
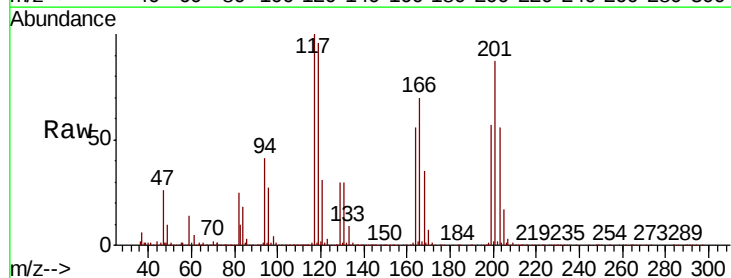
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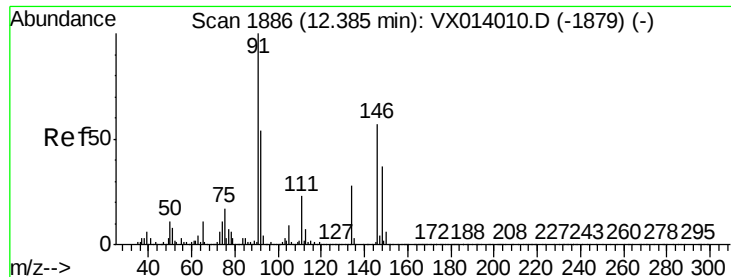
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#90
Hexachloroethane
Concen: 18.697 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX014333.D
Acq: 28 Dec 2019 01:50

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
201	83.1	43.1	129.3	





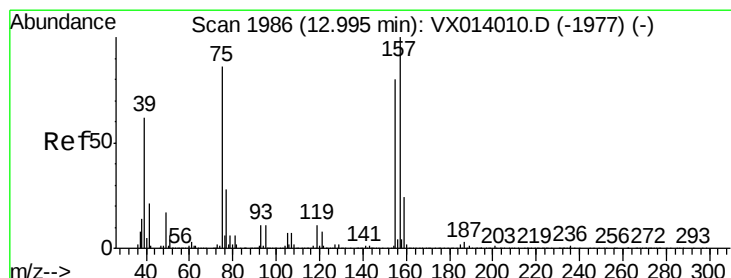
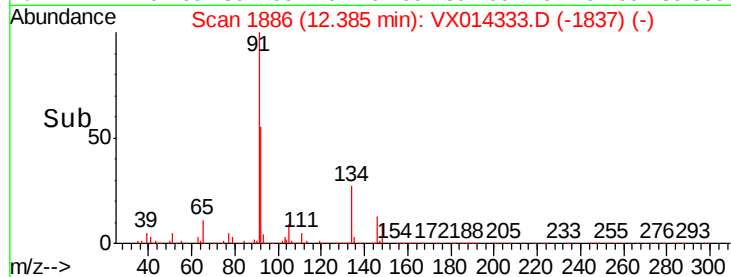
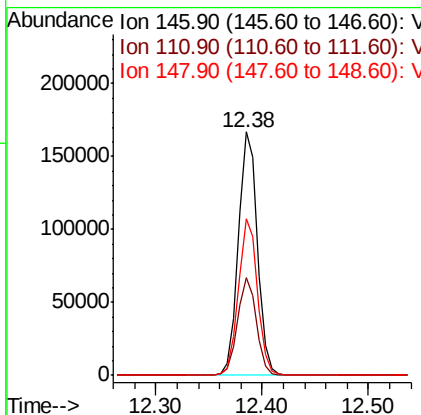
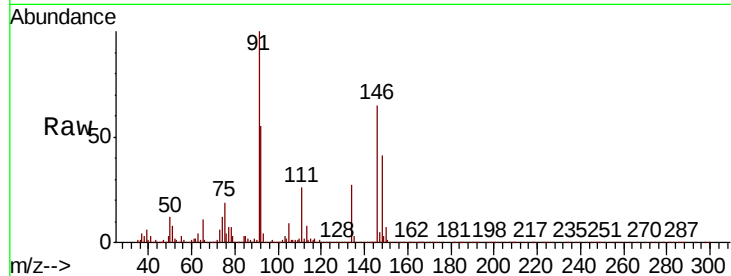
#91
 1,2-Dichlorobenzene
 Concen: 19.568 ug/l
 RT: 12.38 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX014333.D
 Acq: 28 Dec 2019 01:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1227WBSD02

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.4	19.7	59.1
148	63.6	32.1	96.5

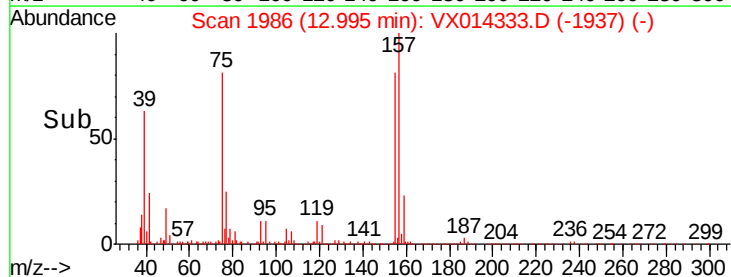
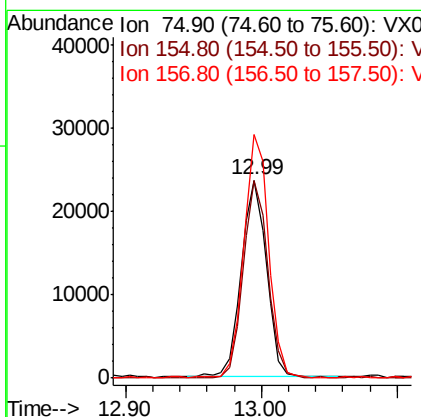
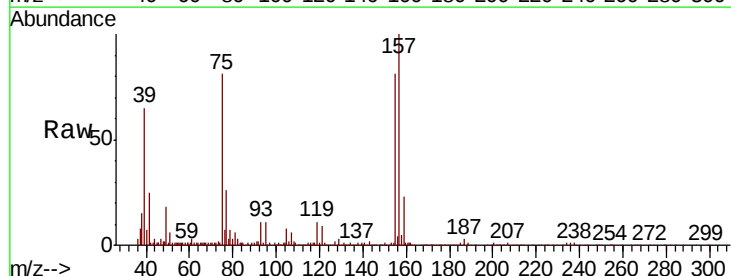
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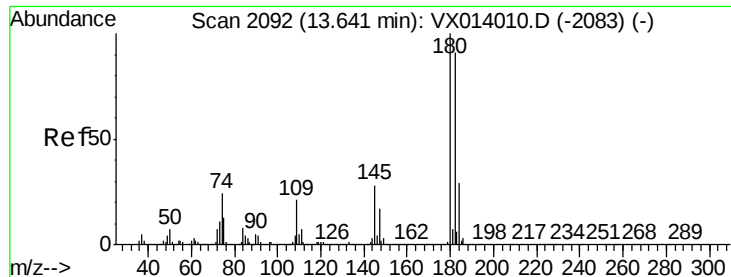
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.899 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX014333.D
 Acq: 28 Dec 2019 01:50

Tgt Ion	Ratio	Lower	Upper
75	100		
155	99.1	46.9	140.6
157	121.1	60.8	182.4





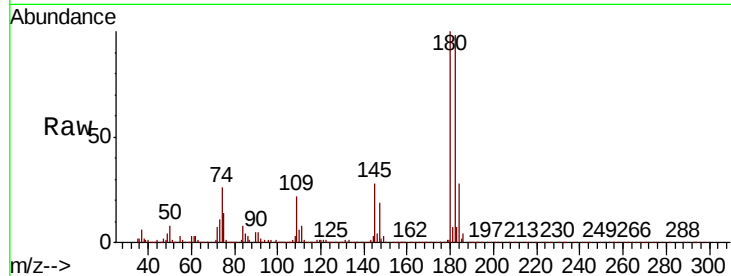
#93
1,2,4-Trichlorobenzene
Concen: 18.907 ug/l
RT: 13.64 min Scan# 2092
Delta R.T. 0.00 min
Lab File: VX014333.D
Acq: 28 Dec 2019 01:50

Instrument :
MSVOA_X
ClientSampleId :
VX1227WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
180	100	132063		
182	94.8	46.6	139.8	
145	27.6	14.2	42.6	

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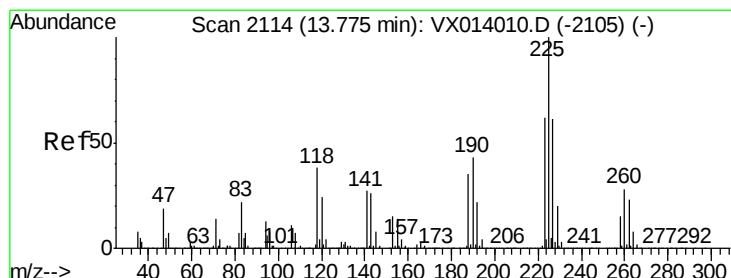
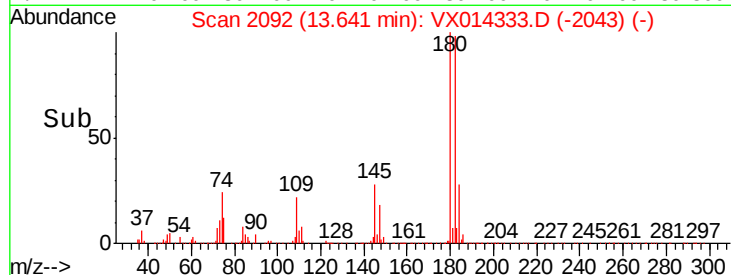
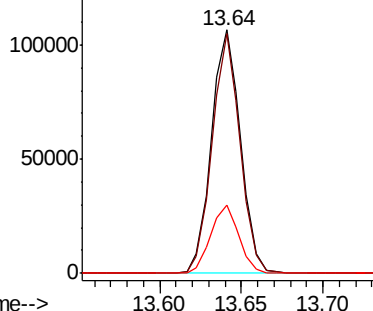


Abundance

Ion 179.80 (179.50 to 180.50): V

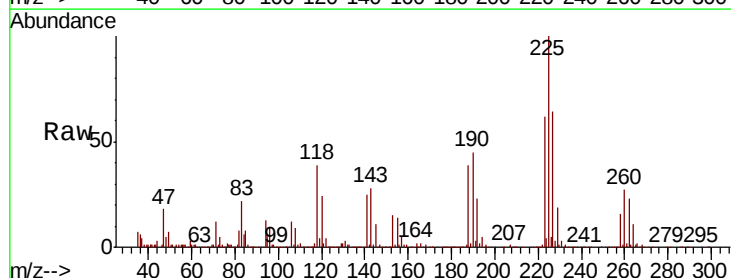
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
Hexachlorobutadiene
Concen: 18.570 ug/l
RT: 13.77 min Scan# 2114
Delta R.T. 0.00 min
Lab File: VX014333.D
Acq: 28 Dec 2019 01:50

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	62338		
223	64.1	30.9	92.5	
227	63.2	30.9	92.7	

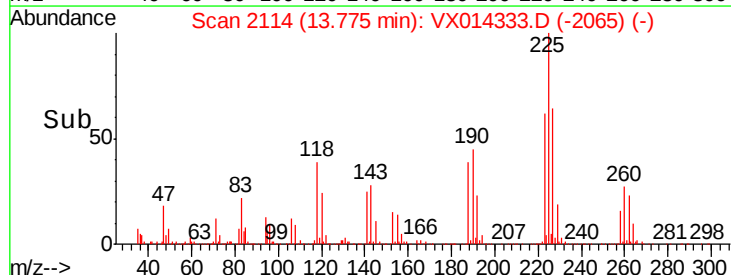
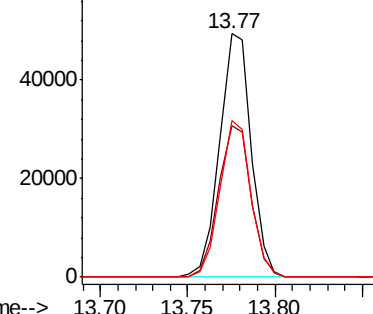


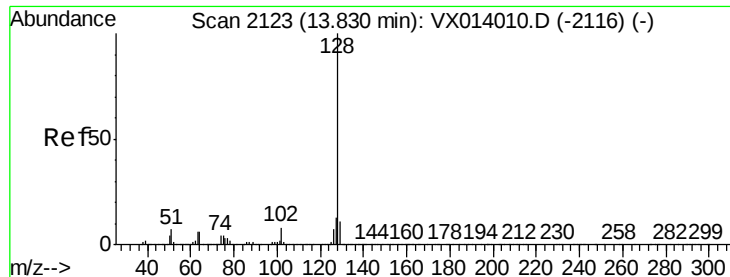
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





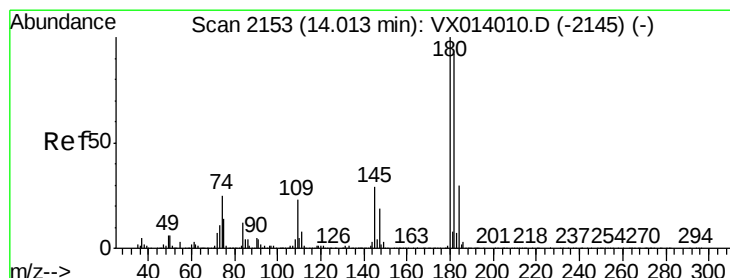
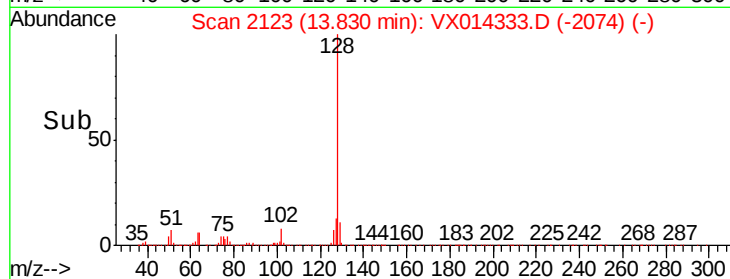
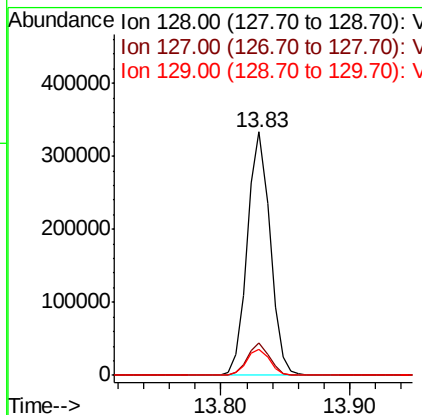
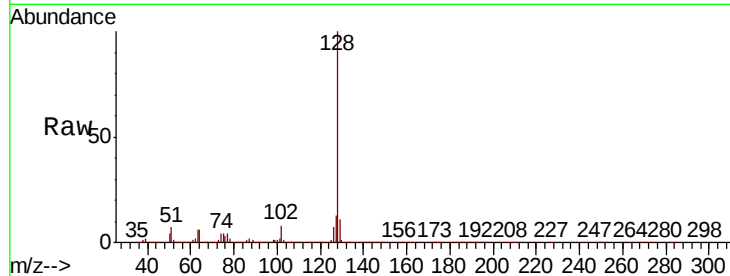
#95
Naphthalene
Concen: 19.625 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX014333.D
Acq: 28 Dec 2019 01:50

Instrument :
MSVOA_X
ClientSampleId :
VX1227WBSD02

Tot Ion	Ratio	Resp Lower	Upper
128	100		
127	13.0	10.2	15.4
129	10.9	8.7	13.1

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#96
1,2,3-Trichlorobenzene
Concen: 19.429 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX014333.D
Acq: 28 Dec 2019 01:50

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	94.8	46.8	140.3
145	30.5	14.8	44.4

