

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121919\
 Data File : VX014136.D
 Acq On : 19 Dec 2019 21:17
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

apatel
 12/20/2019 10:24:42 AM

Quant Time: Dec 20 03:49:02 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	522948	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	810953	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	730541	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	362707	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	299051	50.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.92%	
35) Dibromofluoromethane	5.49	113	246634	50.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.06%	
50) Toluene-d8	8.71	98	964839	50.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.54%	
62) 4-Bromofluorobenzene	11.14	95	344254	49.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.14%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	210660	45.028	ug/l	99
3) Chloromethane	1.32	50	296276	47.189	ug/l	98
4) Vinyl Chloride	1.40	62	311344	46.995	ug/l	100
5) Bromomethane	1.63	94	215299	45.788	ug/l	99
6) Chloroethane	1.72	64	197637	48.335	ug/l	92
7) Trichlorofluoromethane	1.92	101	394689	48.126	ug/l	99
8) Diethyl Ether	2.18	74	182593	47.440	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	233614	47.256	ug/l	99
10) Methyl Iodide	2.50	142	311075	47.835	ug/l	98
11) Tert butyl alcohol	3.03	59	300896	234.953	ug/l	99
12) 1,1-Dichloroethene	2.36	96	241848	48.077	ug/l	97
13) Acrolein	2.28	56	199316	271.883	ug/l	98
14) Allyl chloride	2.72	41	453409	50.481	ug/l	99
15) Acrylonitrile	3.13	53	766447	256.409	ug/l	100
16) Acetone	2.43	43	685891	178.254	ug/l	99
17) Carbon Disulfide	2.56	76	656485	47.053	ug/l	100
18) Methyl Acetate	2.76	43	407601	53.458	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	844662	51.098	ug/l	96
20) Methylene Chloride	2.85	84	283169	46.733	ug/l	99
21) trans-1,2-Dichloroethene	3.15	96	263602	47.565	ug/l	99
22) Diisopropyl ether	3.84	45	918461	51.316	ug/l	96
23) Vinyl Acetate	3.80	43	3258275	223.078	ug/l	100
24) 1,1-Dichloroethane	3.69	63	490185	49.226	ug/l	99
25) 2-Butanone	4.65	43	1084405	228.589	ug/l	99
26) 2,2-Dichloropropane	4.58	77	358212	46.332	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	310794	49.587	ug/l	98
28) Bromochloromethane	5.00	49	200820	52.416	ug/l	99
29) Tetrahydrofuran	5.11	42	694404	261.704	ug/l	99
30) Chloroform	5.20	83	472465	50.050	ug/l	97
31) Cyclohexane	5.57	56	435390	49.160	ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	397881	49.455	ug/l	100
36) 1,1-Dichloropropene	5.79	75	362146	48.669	ug/l	100
37) Ethyl Acetate	4.82	43	423003	51.479	ug/l	99
38) Carbon Tetrachloride	5.78	117	341820	50.426	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	428464	46.634	ug/l	98
40) Benzene	6.14	78	1116682	48.774	ug/l	98
41) Methacrylonitrile	5.03	41	234894	51.521	ug/l	98
42) 1,2-Dichloroethane	6.18	62	385350	49.653	ug/l	98
43) Isopropyl Acetate	6.43	43	700091	51.483	ug/l	100
44) Trichloroethene	7.21	130	308572	48.796	ug/l	98
45) 1,2-Dichloropropane	7.51	63	293013	49.933	ug/l	98
46) Dibromomethane	7.65	93	188216	48.512	ug/l	100
47) Bromodichloromethane	7.89	83	366865	50.208	ug/l	99
48) Methyl methacrylate	7.76	41	340161	51.084	ug/l	99
49) 1,4-Dioxane	7.73	88	128317	946.924	ug/l	100
51) 4-Methyl-2-Pentanone	8.64	43	2154683	252.300	ug/l	100
52) Toluene	8.78	92	702457	48.542	ug/l	100
53) t-1,3-Dichloropropene	9.03	75	410594	51.247	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	459621	51.492	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	286409	49.382	ug/l	99
56) Ethyl methacrylate	9.17	69	469471	51.530	ug/l	100
57) 1,3-Dichloropropane	9.37	76	486901	49.896	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	890348	258.236	ug/l	100
59) 2-Hexanone	9.48	43	1639549	238.485	ug/l	99
60) Dibromochloromethane	9.58	129	301152	52.237	ug/l	100
61) 1,2-Dibromoethane	9.67	107	301179	50.753	ug/l	100
64) Tetrachloroethene	9.33	164	403504	62.420	ug/l	98
65) Chlorobenzene	10.14	112	749256	48.236	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	279655	50.423	ug/l	100
67) Ethyl Benzene	10.25	91	1341774	50.244	ug/l	99
68) m/p-Xylenes	10.35	106	1013240	98.649	ug/l	100
69) o-Xylene	10.70	106	490374	48.680	ug/l	98
70) Styrene	10.71	104	844139	49.556	ug/l	99
71) Bromoform	10.85	173	228713	51.302	ug/l	100
73) Isopropylbenzene	11.01	105	1304987	51.101	ug/l	100
74) N-amyl acetate	10.89	43	612740	51.188	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	428931	48.447	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	355163m	45.104	ug/l	
77) Bromobenzene	11.25	156	339863	48.370	ug/l	98
78) n-propylbenzene	11.35	91	1474025	51.459	ug/l	100
79) 2-Chlorotoluene	11.42	91	866356	49.755	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	1071830	49.870	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	143407	51.404	ug/l	99
82) 4-Chlorotoluene	11.51	91	994087	49.218	ug/l	100
83) tert-Butylbenzene	11.76	119	952968	45.562	ug/l	95
84) 1,2,4-Trimethylbenzene	11.80	105	1102310	51.215	ug/l	100
85) sec-Butylbenzene	11.94	105	1243146	50.347	ug/l	100
86) p-Isopropyltoluene	12.06	119	1139291	50.442	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	594350	48.265	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	594154	47.452	ug/l	99
89) n-Butylbenzene	12.38	91	971099	50.389	ug/l	99
90) Hexachloroethane	12.59	117	205257	50.595	ug/l	100
91) 1,2-Dichlorobenzene	12.38	146	589639	47.566	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	93328	47.635	ug/l	98

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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	394880	49.010	ug/l	97
94) Hexachlorobutadiene	13.77	225	184346	47.607	ug/l	97
95) Naphthalene	13.83	128	1256489	53.079	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	394804	49.639	ug/l	97

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

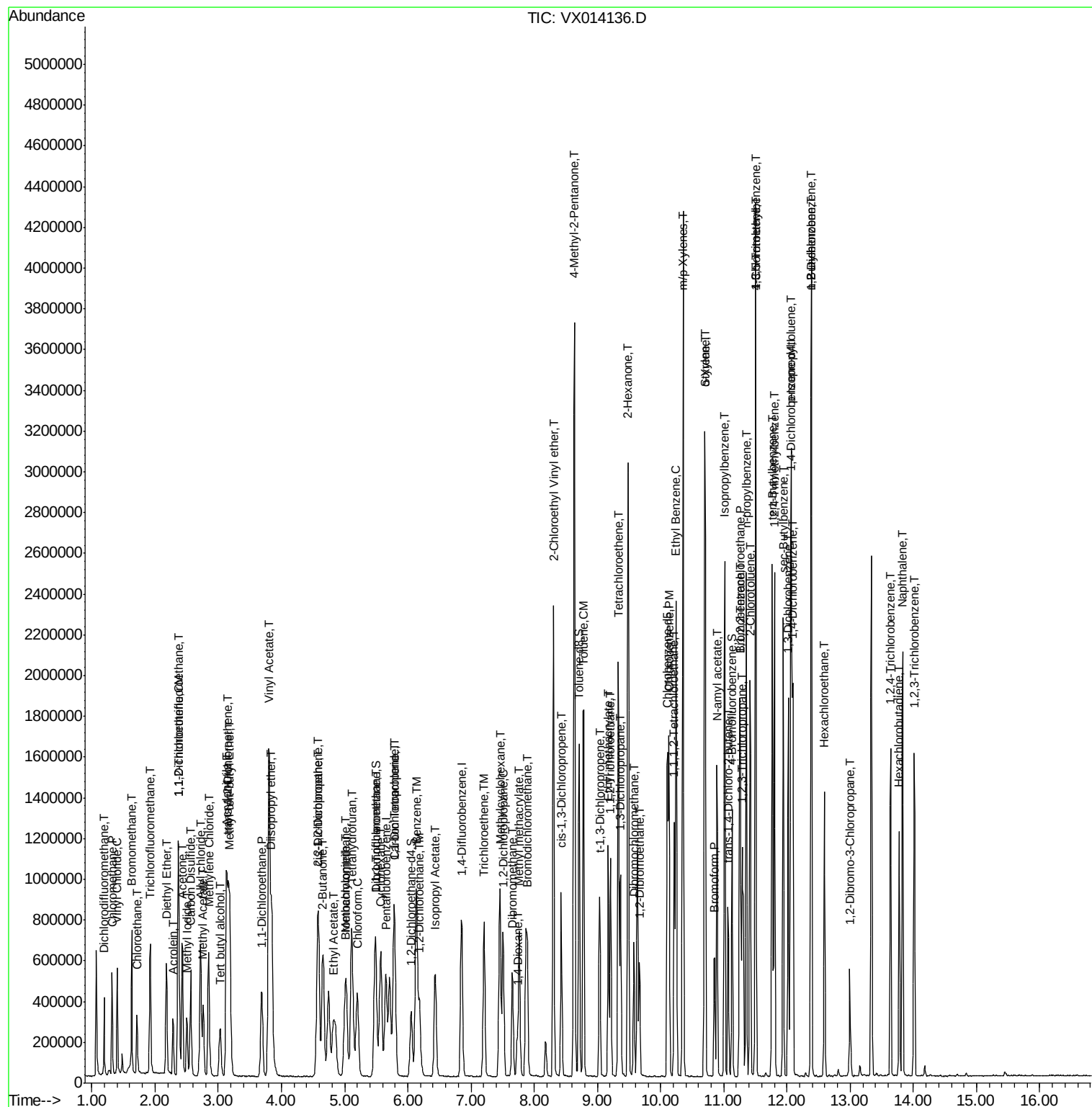
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX121919\
 Data File : VX014136.D
 Acq On : 19 Dec 2019 21:17
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
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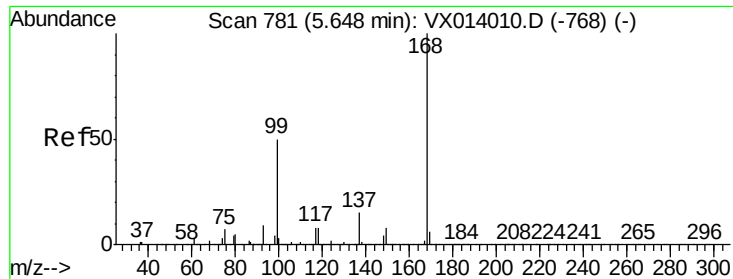
Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

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#1

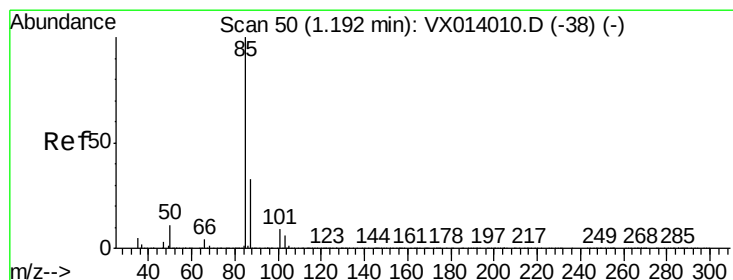
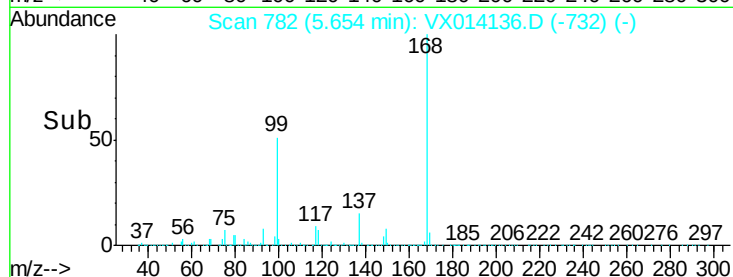
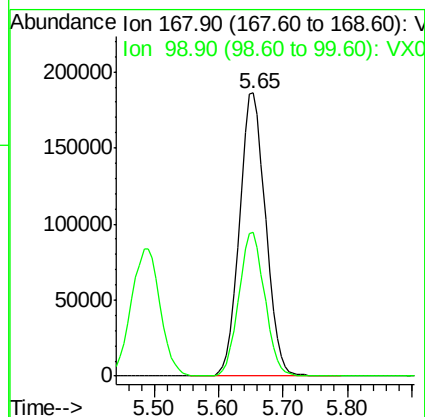
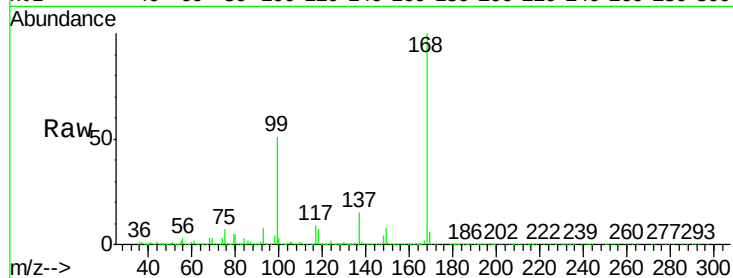
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 782
Delta R.T. 0.01 min
Lab File: VX014136.D
Acq: 19 Dec 2019 21:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
168	100		
99	50.8	40.3	60.5

Manual Integrations
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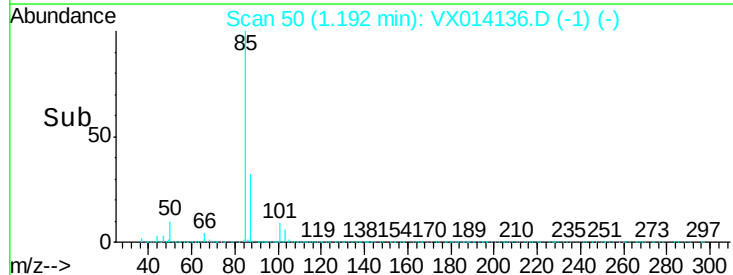
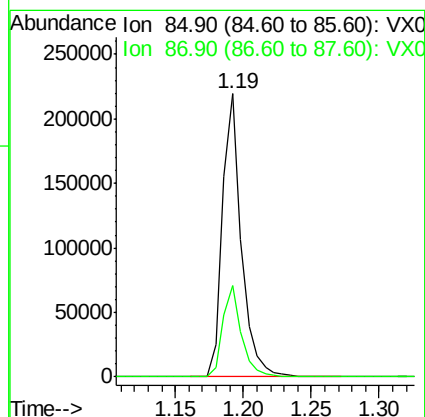
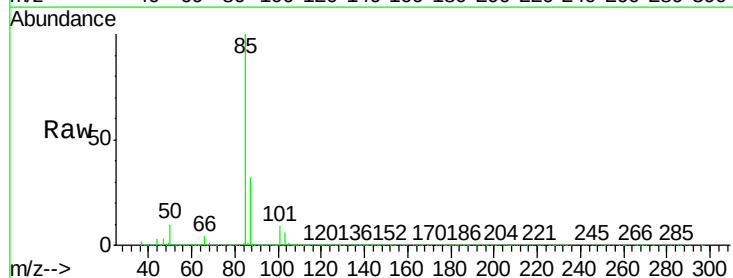
apatel
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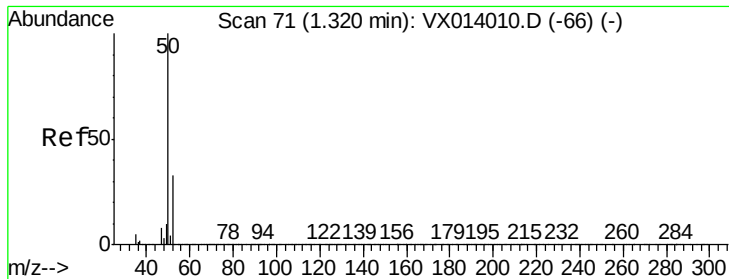


#2

Dichlorodifluoromethane
Concen: 45.028 ug/l
RT: 1.19 min Scan# 50
Delta R.T. 0.00 min
Lab File: VX014136.D
Acq: 19 Dec 2019 21:17

Tgt Ion	Ratio	Lower	Upper
85	100		
87	32.1	16.4	49.2





#3

Chloromethane

Concen: 47.189 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX014136.D

Acq: 19 Dec 2019 21:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 296276

Ion Ratio Lower Upper

50 100

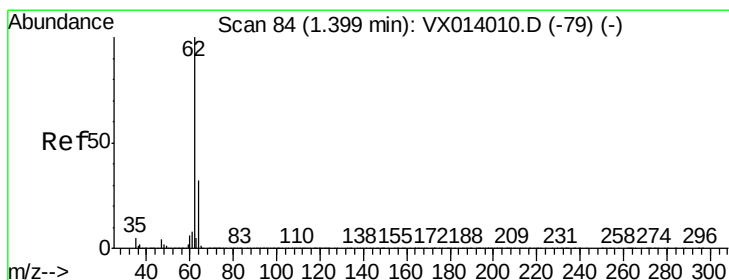
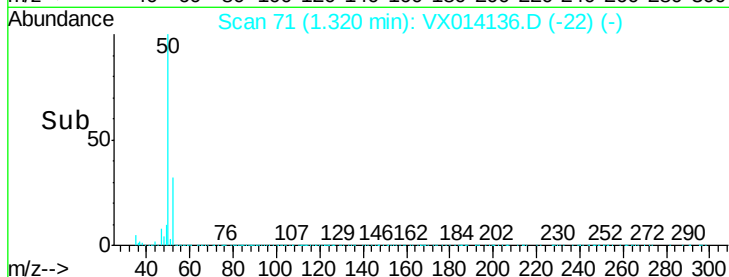
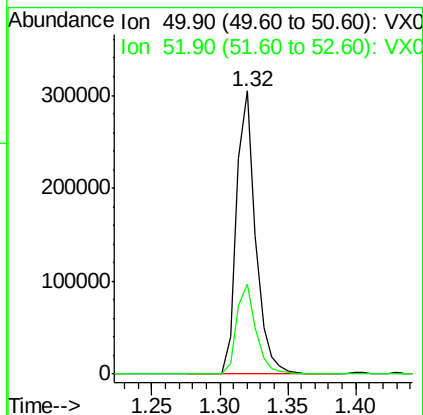
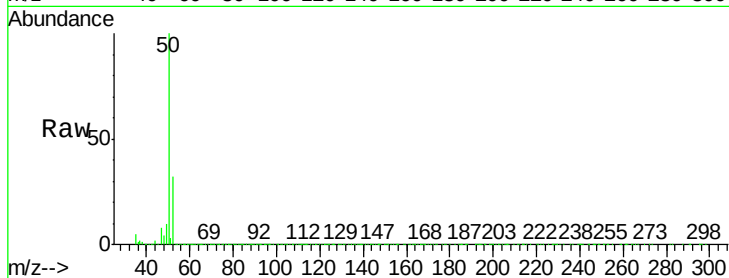
52 31.8 26.2 39.4

Manual Integrations

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#4

Vinyl Chloride

Concen: 46.995 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX014136.D

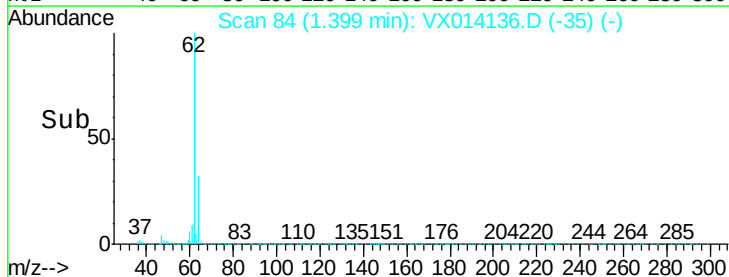
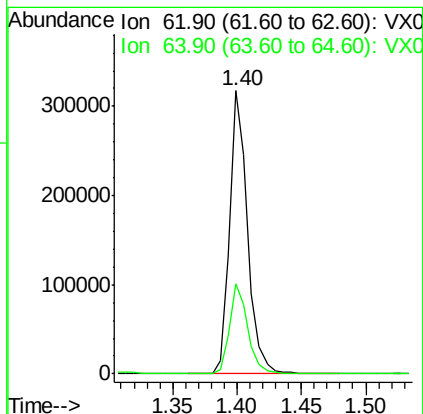
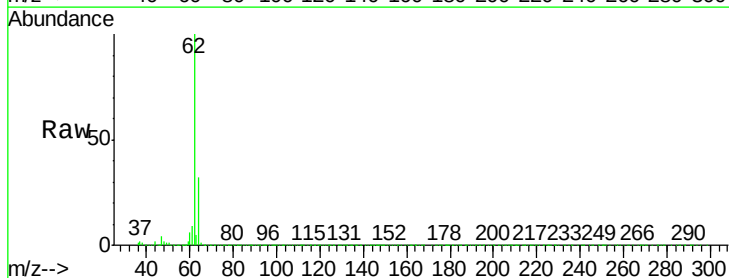
Acq: 19 Dec 2019 21:17

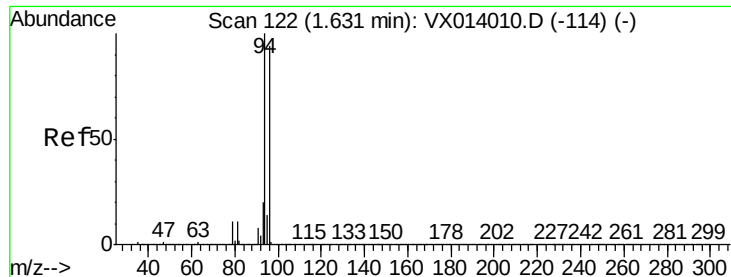
Tgt Ion: 62 Resp: 311344

Ion Ratio Lower Upper

62 100

64 32.0 25.7 38.5





#5

Bromomethane

Concen: 45.788 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX014136.D

Acq: 19 Dec 2019 21:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 215299

Ion Ratio Lower Upper

94 100

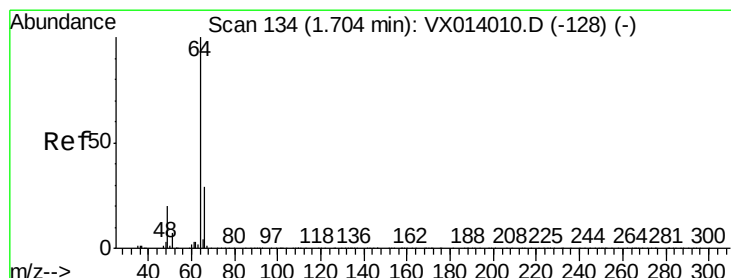
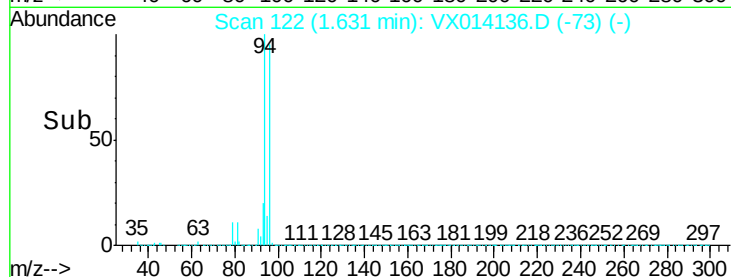
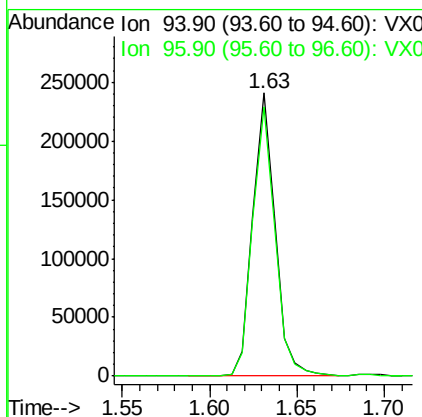
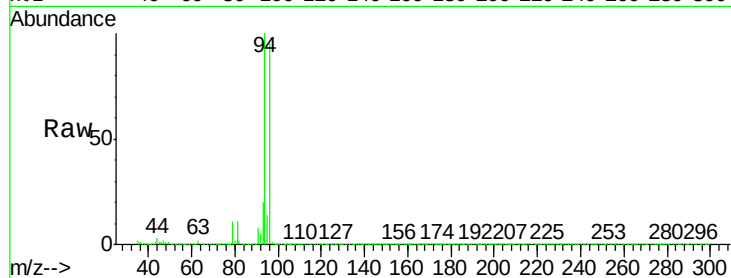
96 95.1 75.2 112.8

Manual Integrations

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#6

Chloroethane

Concen: 48.335 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX014136.D

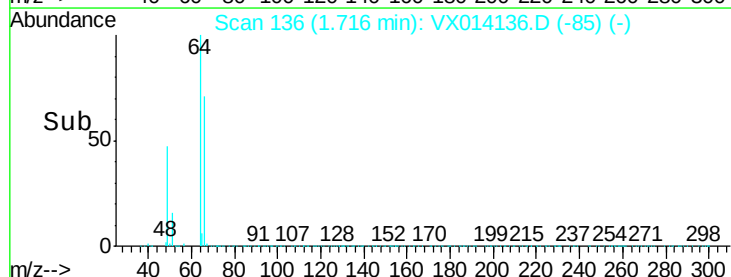
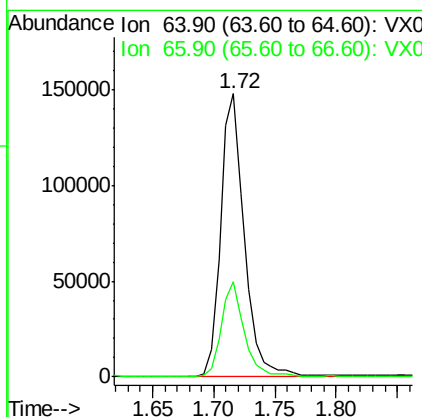
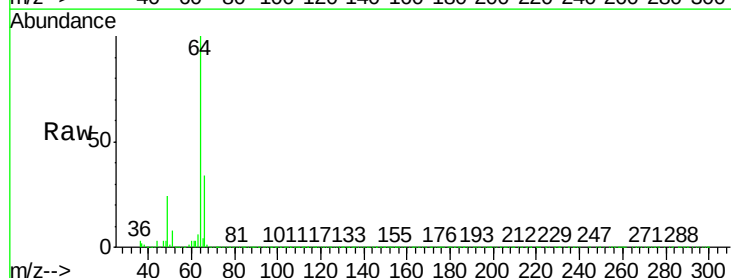
Acq: 19 Dec 2019 21:17

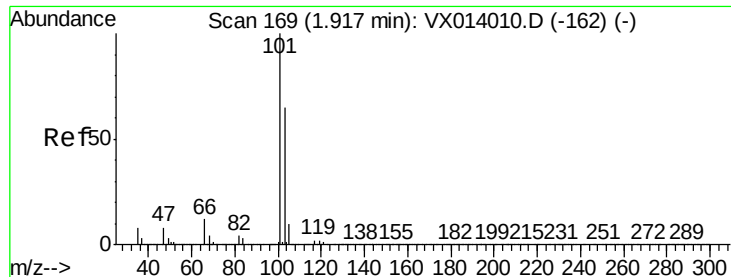
Tgt Ion: 64 Resp: 197637

Ion Ratio Lower Upper

64 100

66 33.5 23.4 35.2





#7

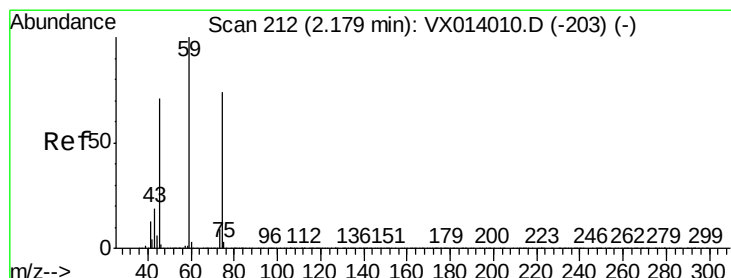
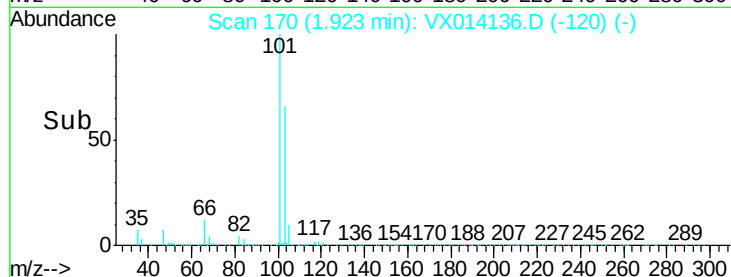
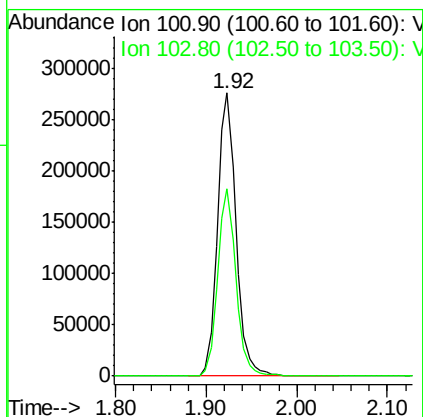
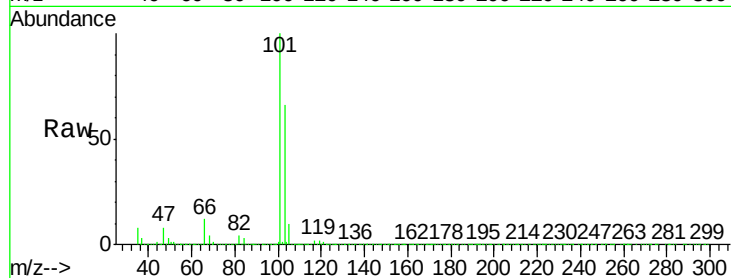
Trichlorofluoromethane
Concen: 48.126 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX014136.D
Acq: 19 Dec 2019 21:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.9	52.2	78.4

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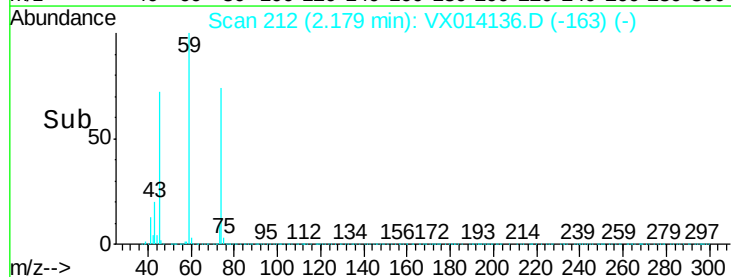
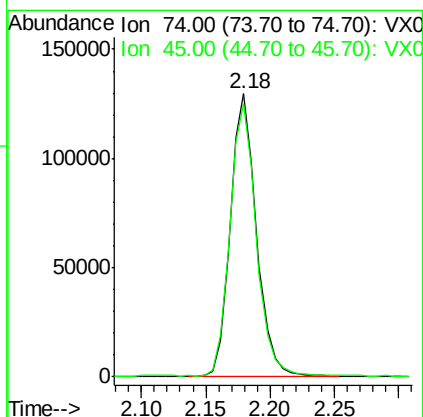
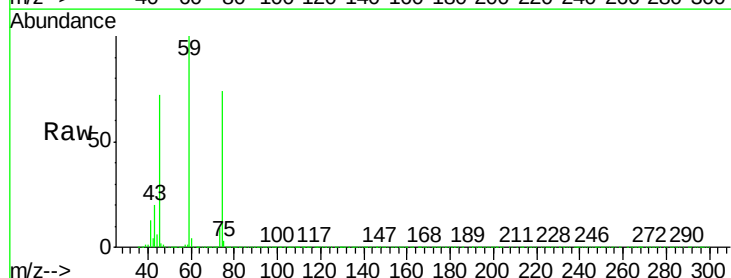
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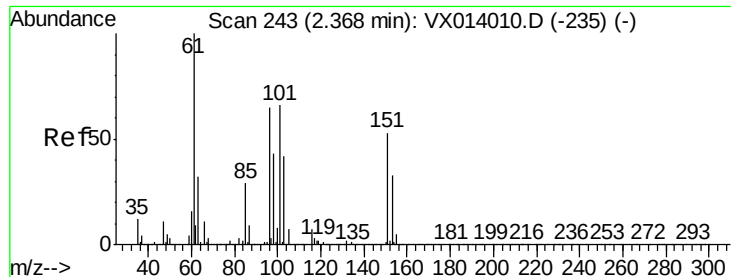


#8

Diethyl Ether
Concen: 47.440 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX014136.D
Acq: 19 Dec 2019 21:17

Tgt Ion	Ratio	Lower	Upper
74	100		
45	98.2	48.1	144.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.256 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX014136.D

Acq: 19 Dec 2019 21:17

Instrument :

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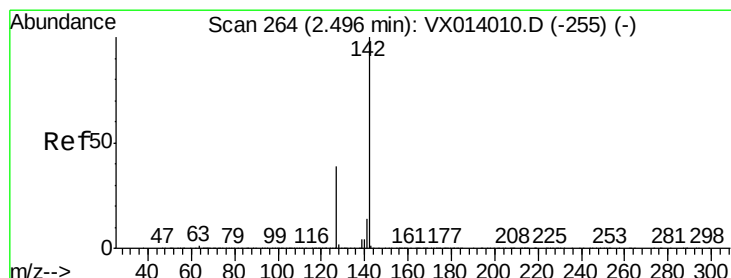
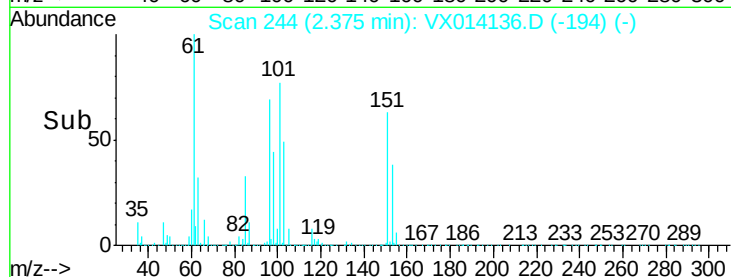
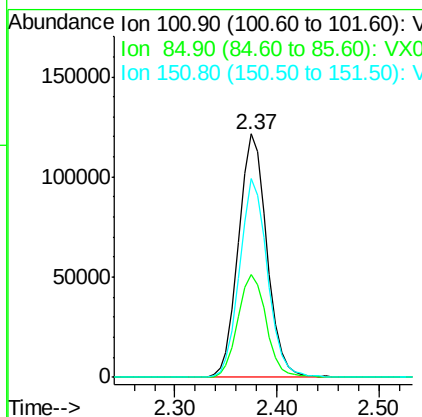
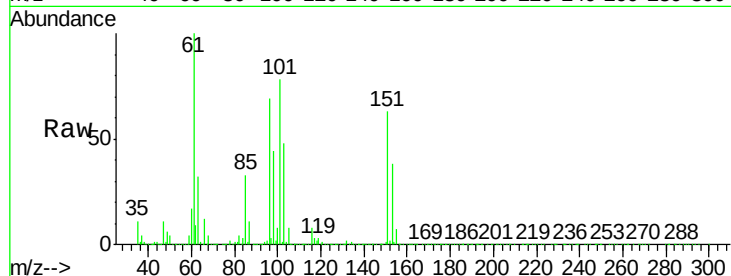
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	233614
Ion Ratio	Lower	Upper	
101	100		
85	42.8	33.7	50.5
151	80.9	64.5	96.7

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#10

Methyl Iodide

Concen: 47.835 ug/l

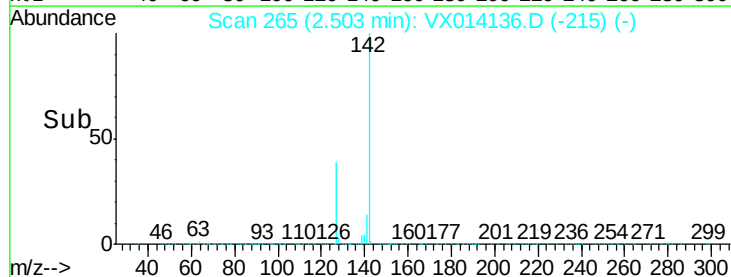
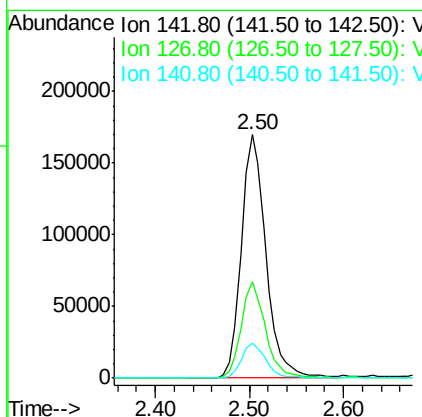
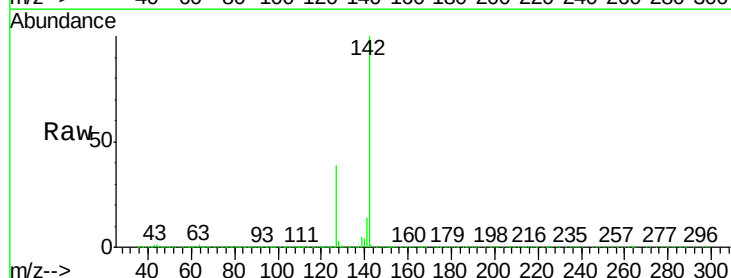
RT: 2.50 min Scan# 265

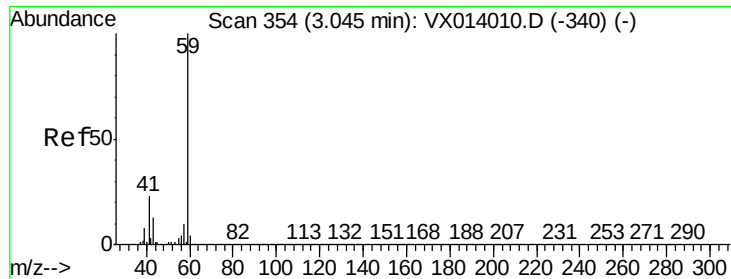
Delta R.T. 0.01 min

Lab File: VX014136.D

Acq: 19 Dec 2019 21:17

Tgt Ion:	142	Resp:	311075
Ion Ratio	Lower	Upper	
142	100		
127	38.4	31.6	47.4
141	14.0	11.6	17.4





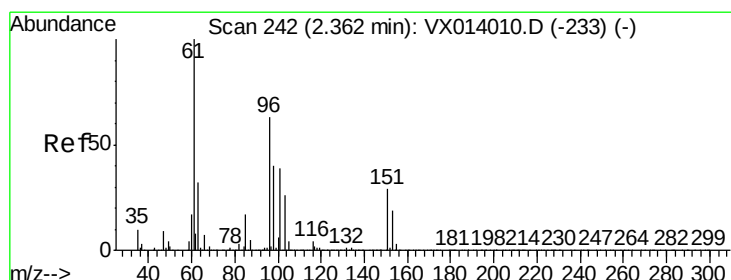
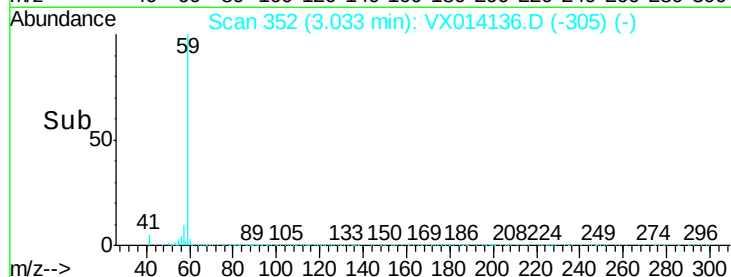
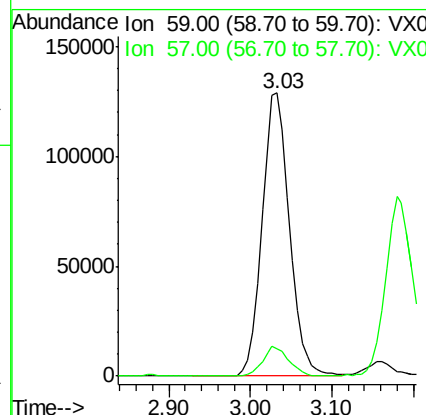
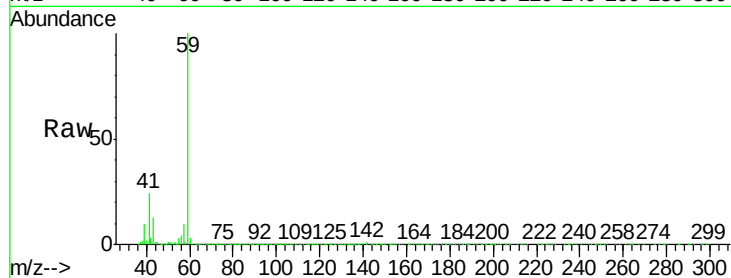
#11
Tert butyl alcohol
Concen: 234.953 ug/l
RT: 3.03 min Scan# 352
Delta R.T. -0.01 min
Lab File: VX014136.D
Acq: 19 Dec 2019 21:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.1	8.4	12.6

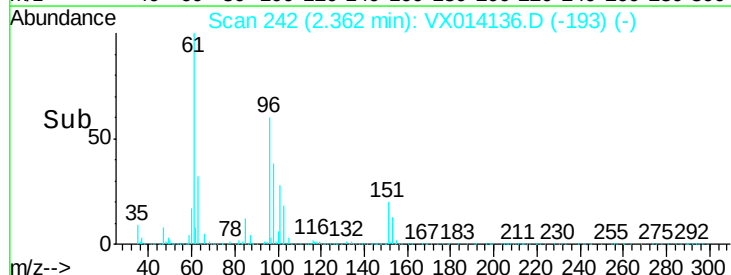
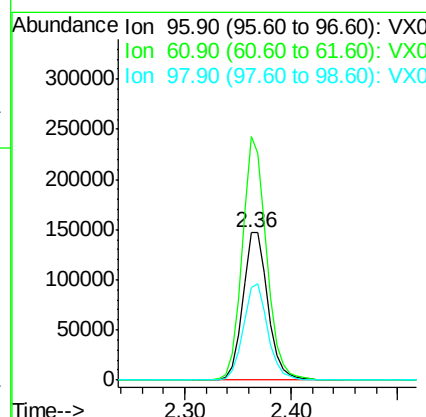
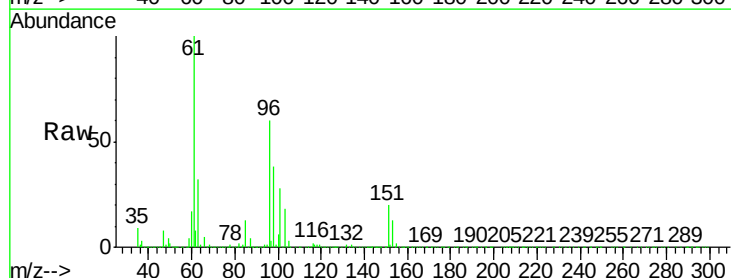
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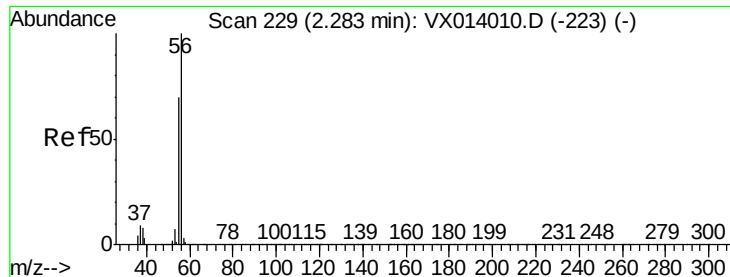
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#12
1,1-Dichloroethene
Concen: 48.077 ug/l
RT: 2.36 min Scan# 242
Delta R.T. 0.00 min
Lab File: VX014136.D
Acq: 19 Dec 2019 21:17

Tgt Ion	Ratio	Lower	Upper
96	100		
61	165.6	127.9	191.9
98	62.9	50.5	75.7





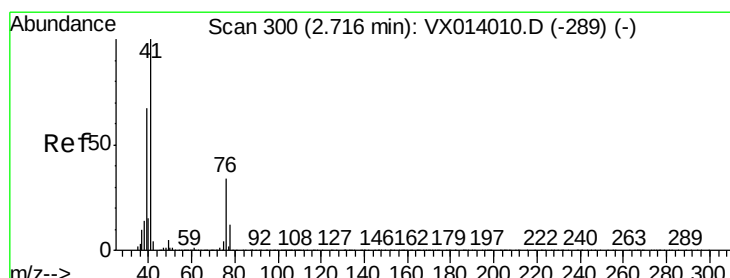
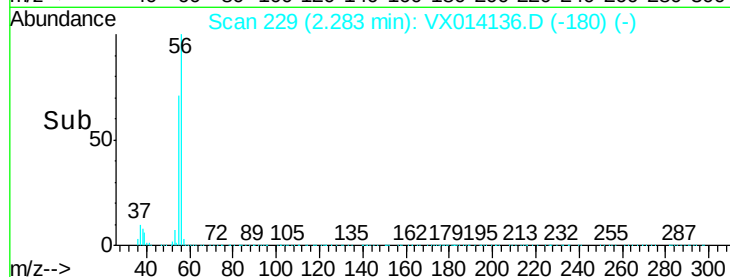
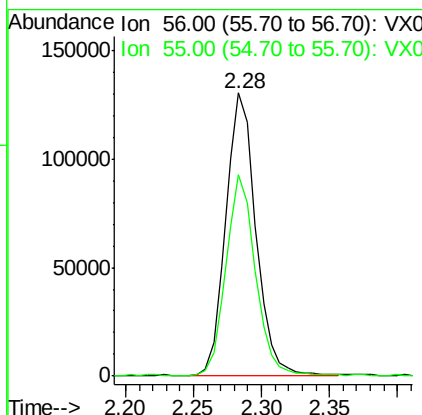
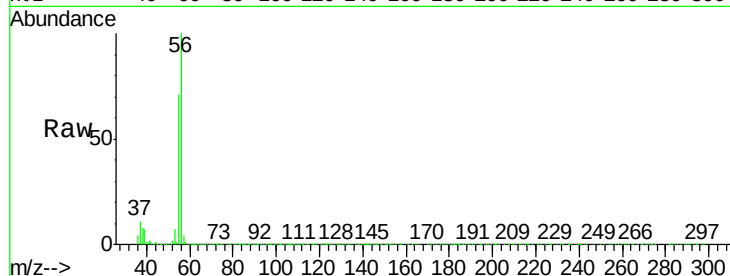
#13
Acrolein
Concen: 271.883 ug/l
RT: 2.28 min Scan# 229
Delta R.T. 0.00 min
Lab File: VX014136.D
Acq: 19 Dec 2019 21:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
55	69.4	56.9	85.3

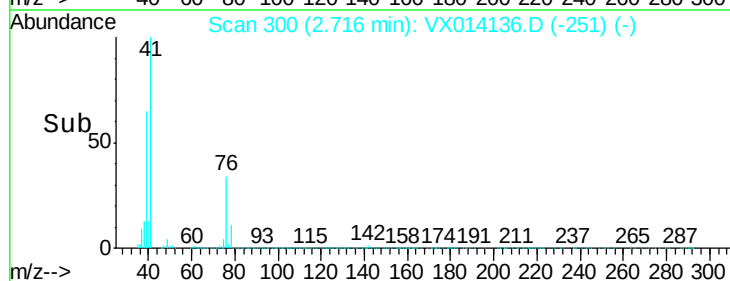
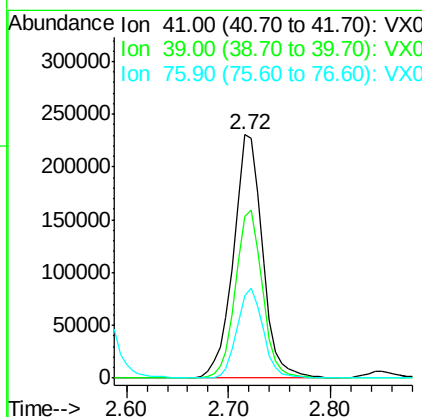
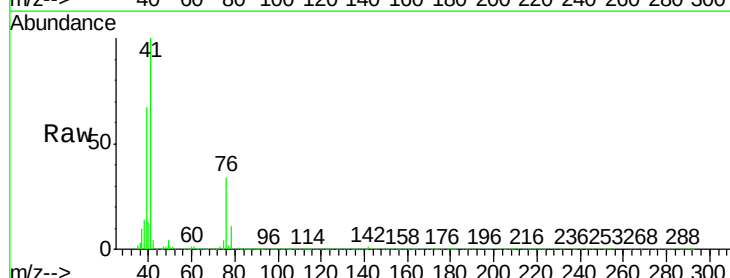
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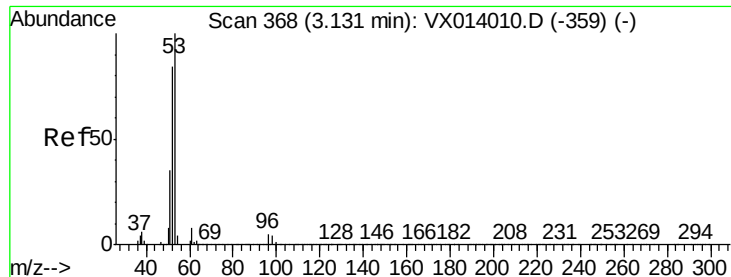
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#14
Allyl chloride
Concen: 50.481 ug/l
RT: 2.72 min Scan# 300
Delta R.T. 0.00 min
Lab File: VX014136.D
Acq: 19 Dec 2019 21:17

Tgt Ion	Ratio	Lower	Upper
41	100		
39	64.1	51.8	77.8
76	32.9	25.9	38.9





#15

Acrylonitrile

Concen: 256.409 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX014136.D

Acq: 19 Dec 2019 21:17

Instrument :

MSVOA_X

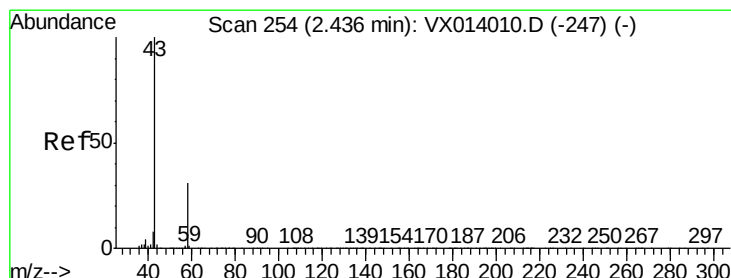
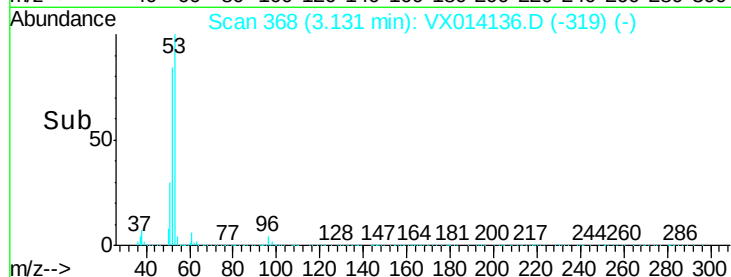
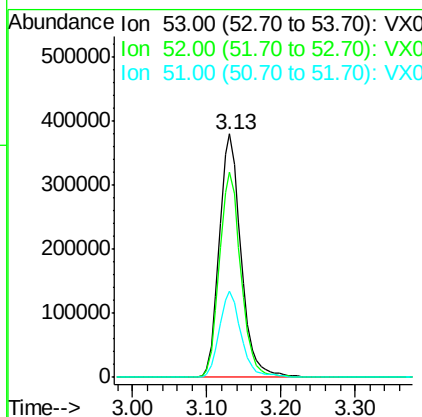
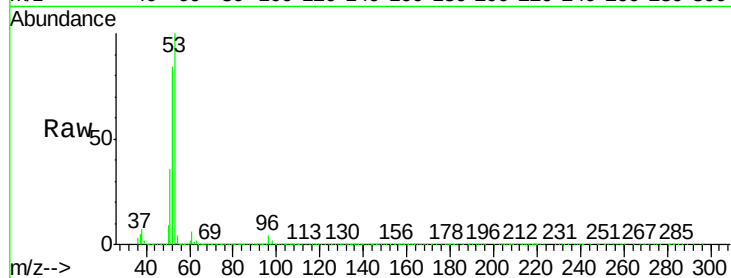
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	766447
Ion Ratio		Lower	Upper
53	100		
52	83.2	66.5	99.7
51	35.5	28.1	42.1

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#16

Acetone

Concen: 178.254 ug/l

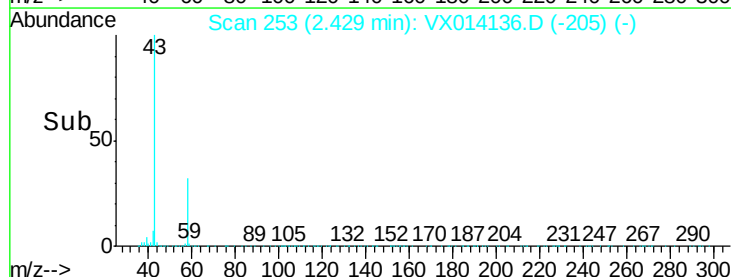
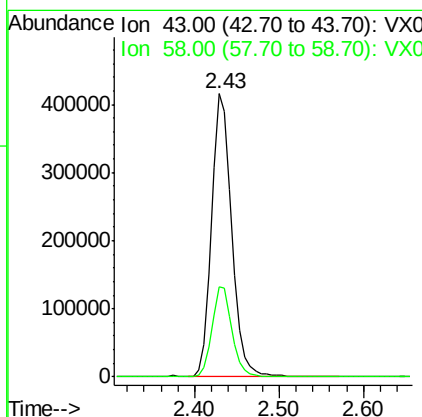
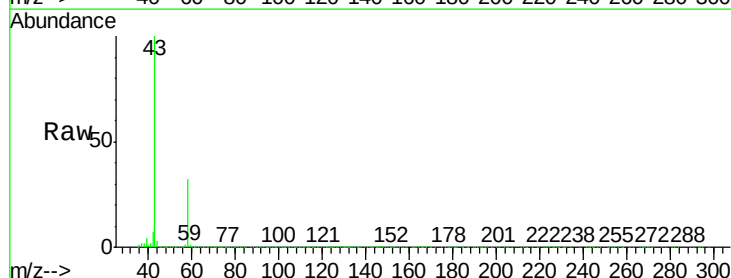
RT: 2.43 min Scan# 253

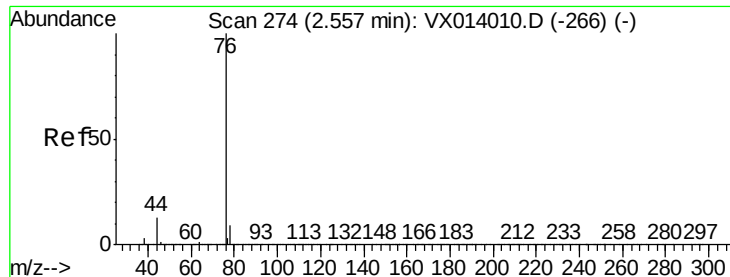
Delta R.T. -0.01 min

Lab File: VX014136.D

Acq: 19 Dec 2019 21:17

Tgt Ion:	43	Resp:	685891
Ion Ratio		Lower	Upper
43	100		
58	31.7	24.9	37.3





#17

Carbon Disulfide

Concen: 47.053 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.01 min

Lab File: VX014136.D

Acq: 19 Dec 2019 21:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 656485

Ion Ratio Lower Upper

76 100

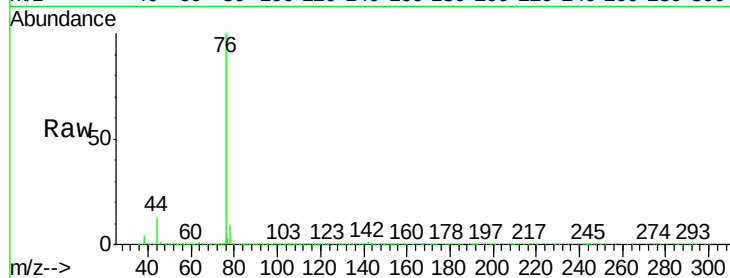
78 9.2 7.2 10.8

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.56

400000

300000

200000

100000

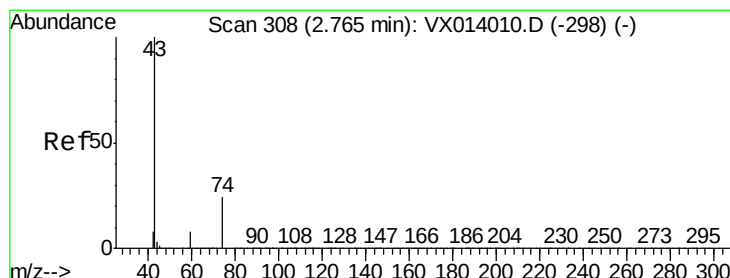
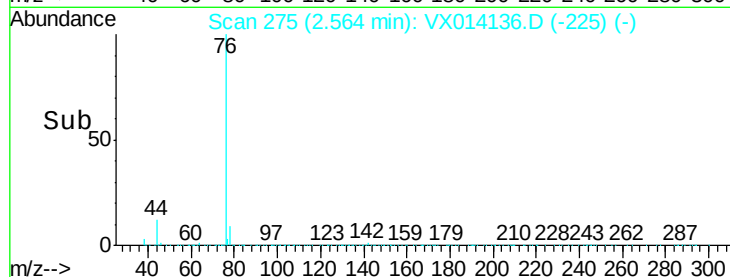
0

2.50

2.60

2.70

Time-->



#18

Methyl Acetate

Concen: 53.458 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.01 min

Lab File: VX014136.D

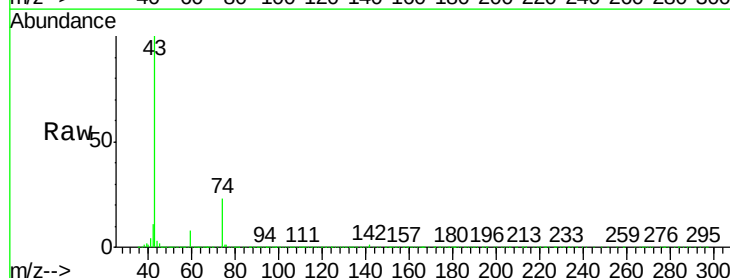
Acq: 19 Dec 2019 21:17

Tgt Ion: 43 Resp: 407601

Ion Ratio Lower Upper

43 100

74 24.0 19.5 29.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.76

250000

200000

150000

100000

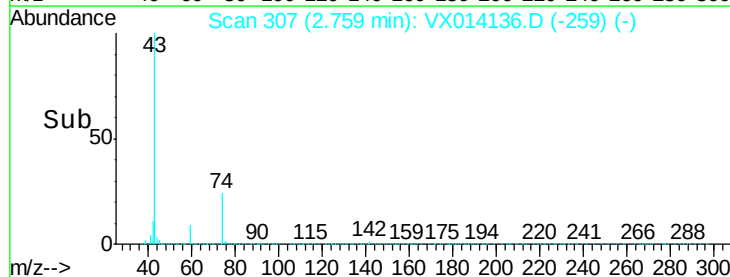
50000

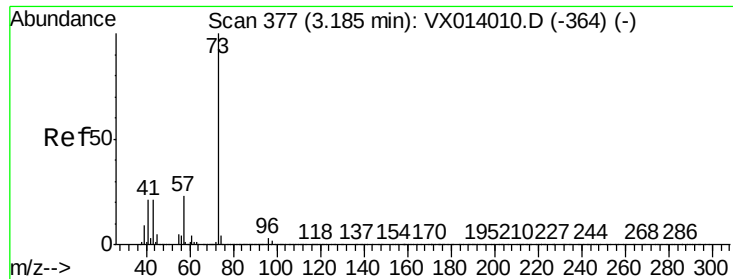
0

2.70

2.80

Time-->





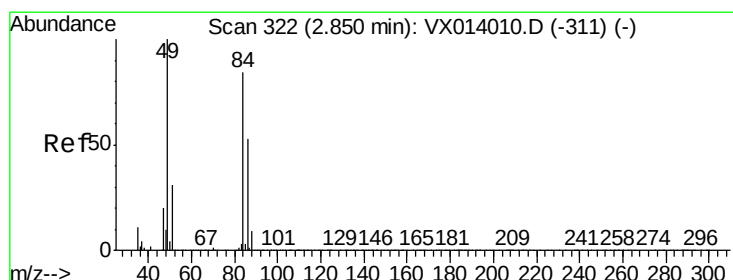
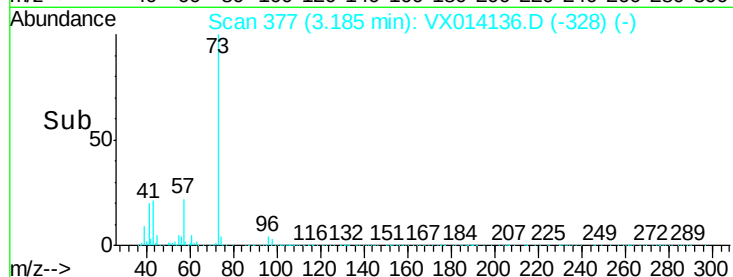
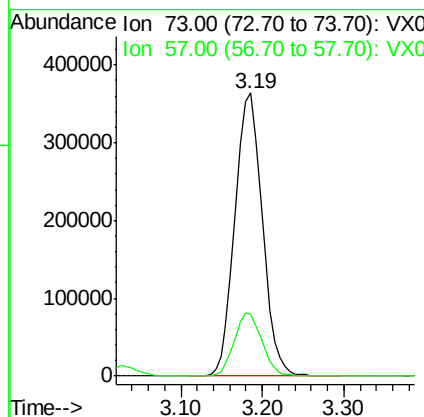
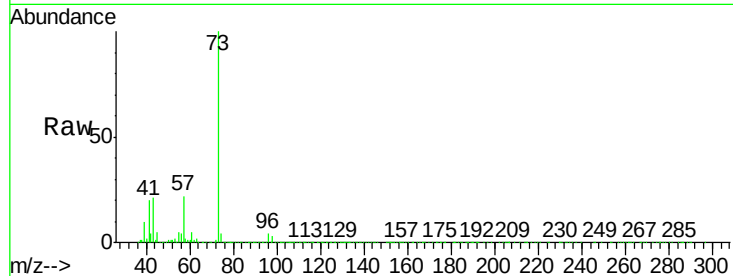
#19
Methyl tert-butyl Ether
Concen: 51.098 ug/l
RT: 3.19 min Scan# 377
Delta R.T. 0.00 min
Lab File: VX014136.D
Acq: 19 Dec 2019 21:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.6	18.8	28.2

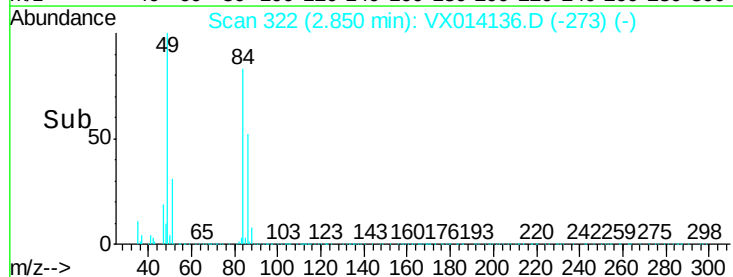
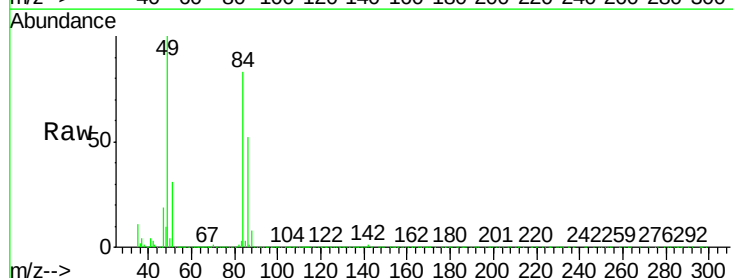
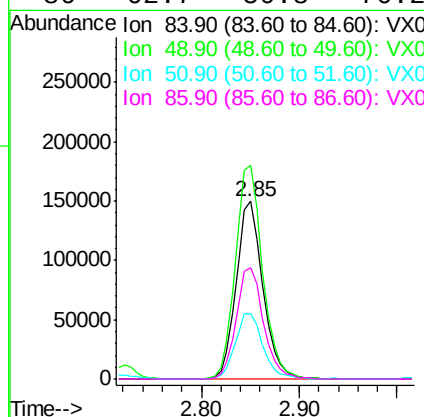
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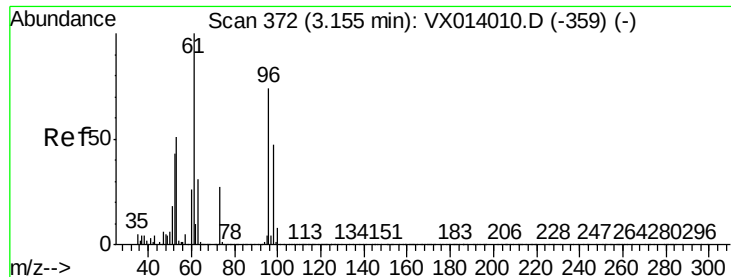
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#20
Methylene Chloride
Concen: 46.733 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.00 min
Lab File: VX014136.D
Acq: 19 Dec 2019 21:17

Tgt Ion	Ratio	Lower	Upper
84	100		
49	120.0	95.8	143.6
51	36.8	29.8	44.8
86	62.7	50.8	76.2





#21

trans-1,2-Dichloroethene

Concen: 47.565 ug/l

RT: 3.15 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX014136.D

Acq: 19 Dec 2019 21:17

Instrument :

MSVOA_X

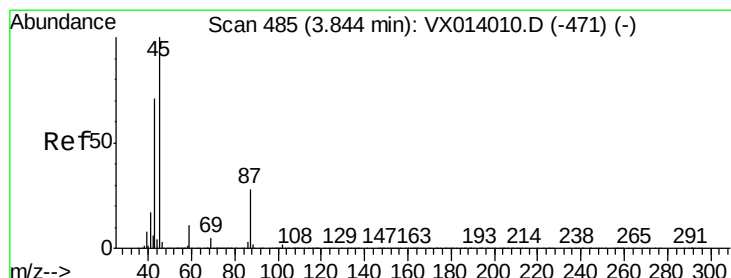
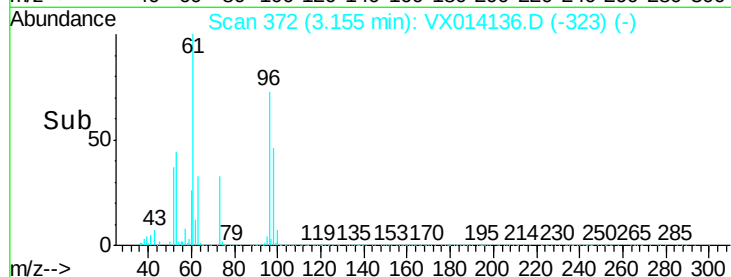
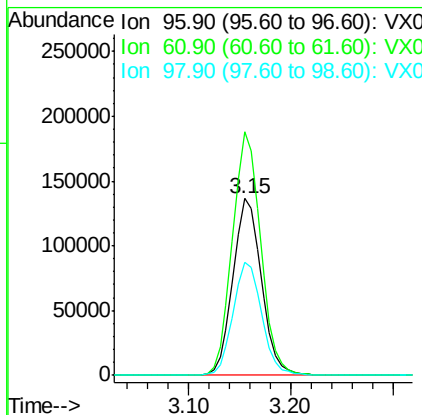
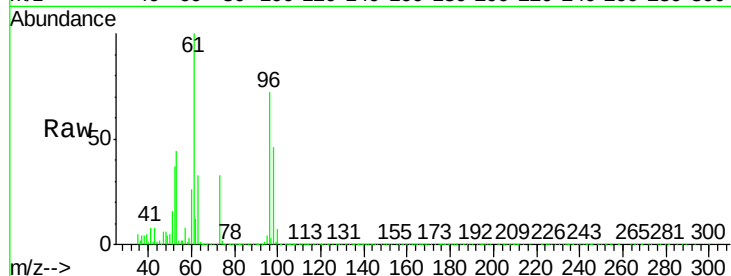
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	263602
Ion Ratio	Lower	Upper	
96	100		
61	137.8	108.3	162.5
98	63.7	50.8	76.2

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#22

Diisopropyl ether

Concen: 51.316 ug/l

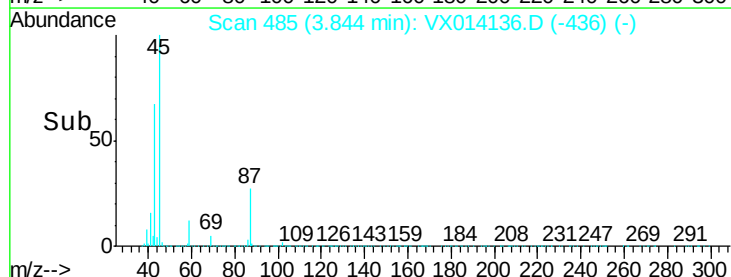
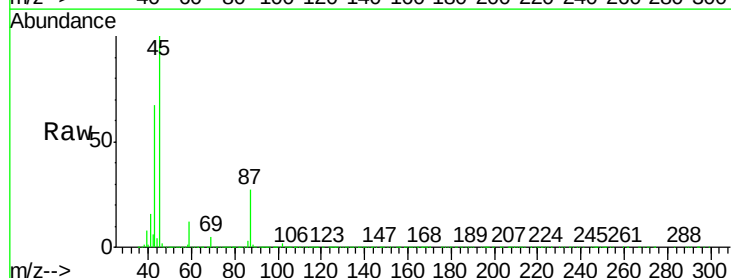
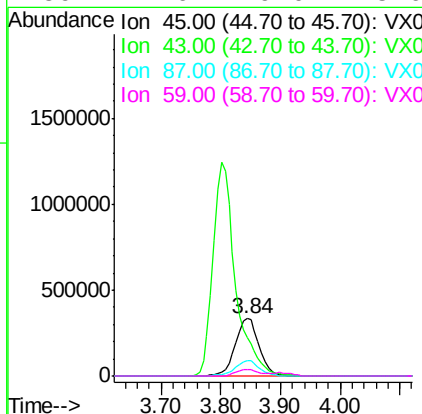
RT: 3.84 min Scan# 485

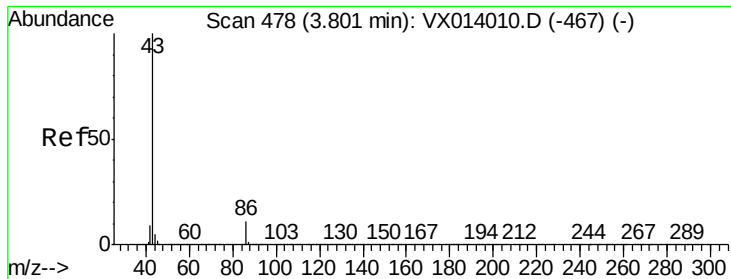
Delta R.T. 0.00 min

Lab File: VX014136.D

Acq: 19 Dec 2019 21:17

Tgt Ion:	45	Resp:	918461
Ion Ratio	Lower	Upper	
45	100		
43	66.8	57.4	86.0
87	26.9	21.9	32.9
59	11.6	9.0	13.6





#23

Vinyl Acetate

Concen: 223.078 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX014136.D

Acq: 19 Dec 2019 21:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 3258275

Ion Ratio Lower Upper

43 100

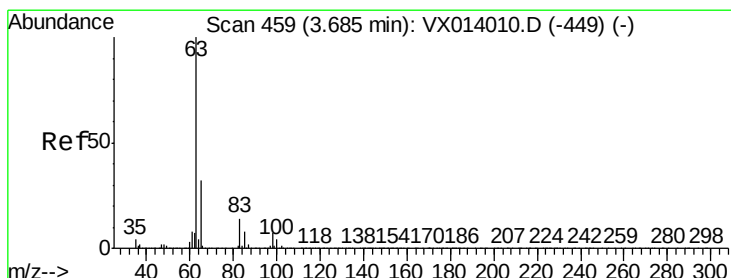
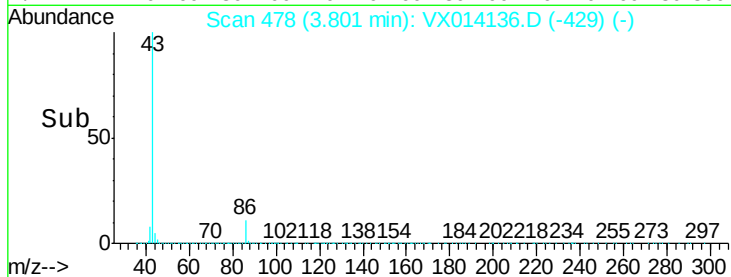
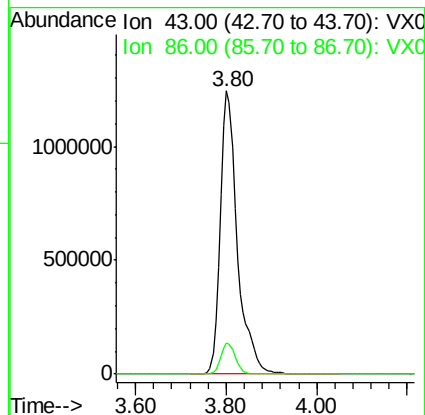
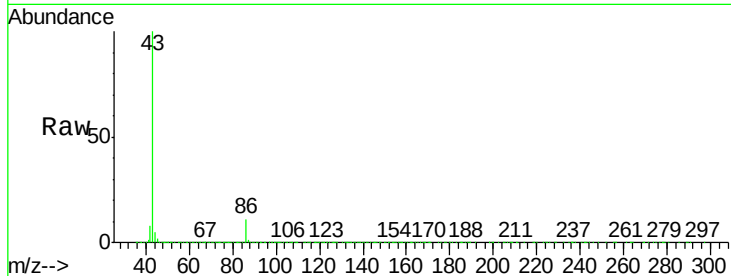
86 10.8 8.6 12.8

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#24

1,1-Dichloroethane

Concen: 49.226 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX014136.D

Acq: 19 Dec 2019 21:17

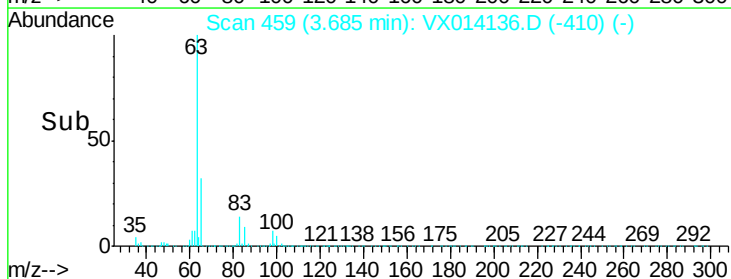
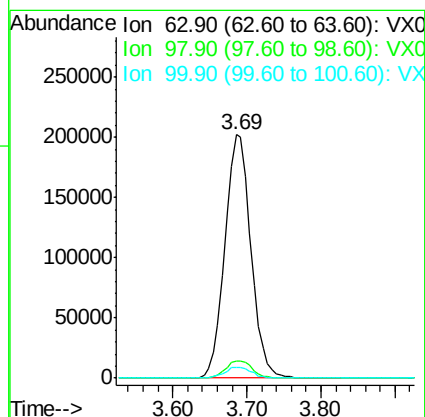
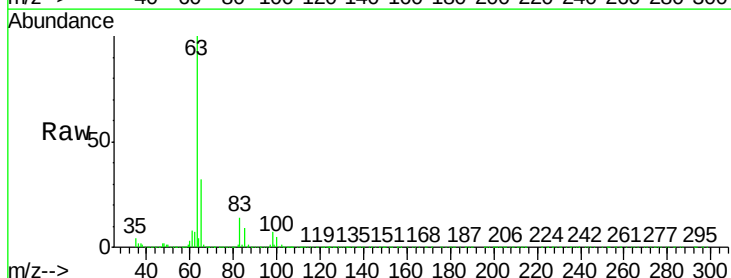
Tgt Ion: 63 Resp: 490185

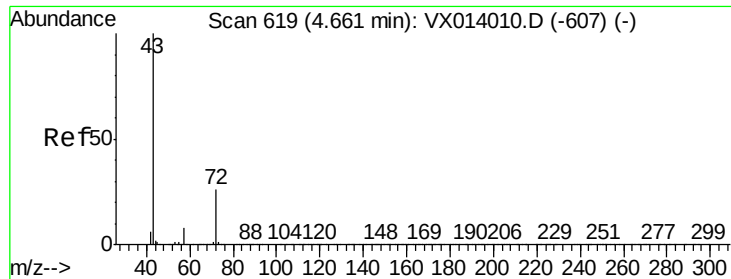
Ion Ratio Lower Upper

63 100

98 6.8 3.6 10.8

100 4.6 2.3 6.8





#25

2-Butanone

Concen: 228.589 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.01 min

Lab File: VX014136.D

Acq: 19 Dec 2019 21:17

Tot Ion: 43 Resp: 1084405

Ion Ratio Lower Upper

43 100

72 25.6 21.0 31.4

Instrument :

MSVOA_X

ClientSampleId :

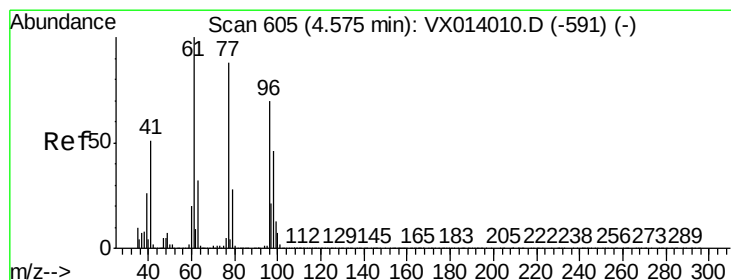
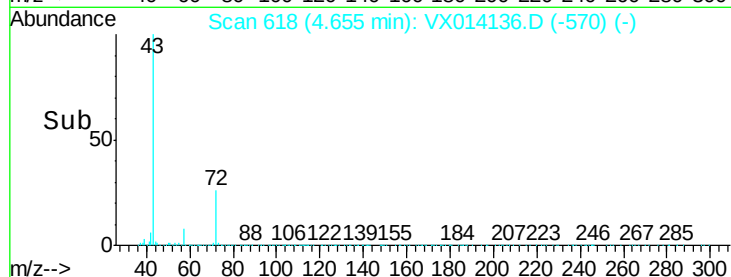
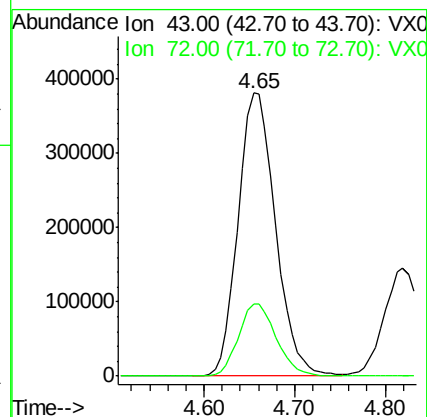
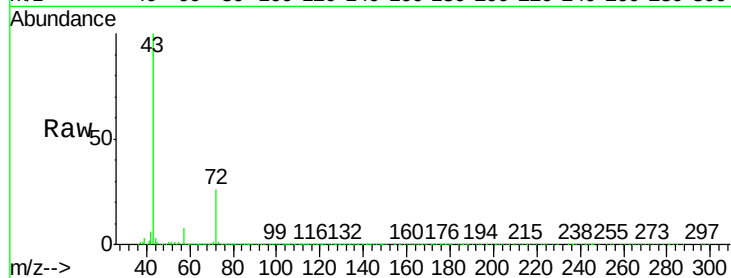
VSTDCCC050EC

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#26

2,2-Dichloropropane

Concen: 46.332 ug/l

RT: 4.58 min Scan# 605

Delta R.T. 0.00 min

Lab File: VX014136.D

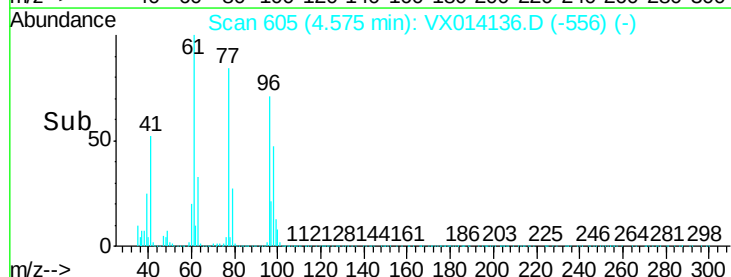
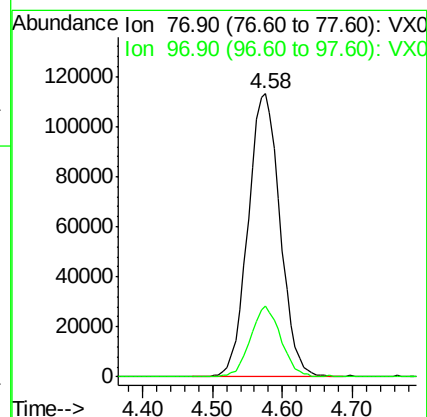
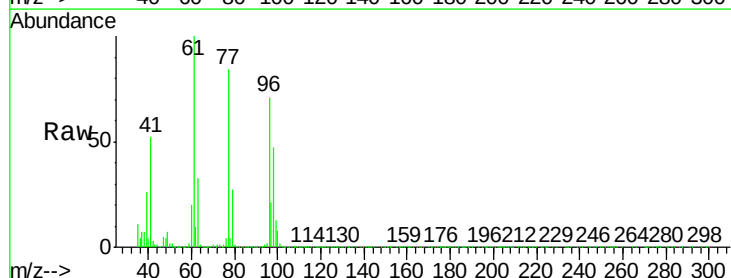
Acq: 19 Dec 2019 21:17

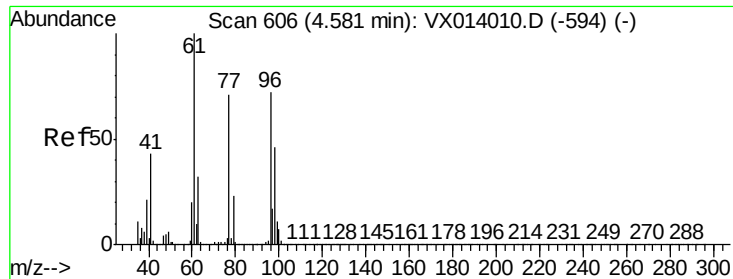
Tgt Ion: 77 Resp: 358212

Ion Ratio Lower Upper

77 100

97 23.7 11.9 35.9





#27

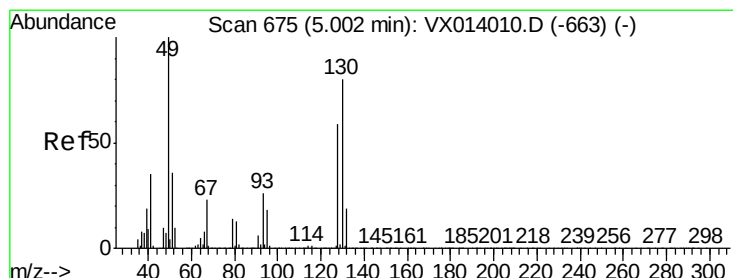
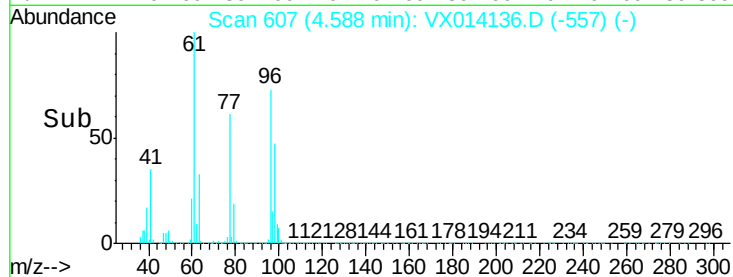
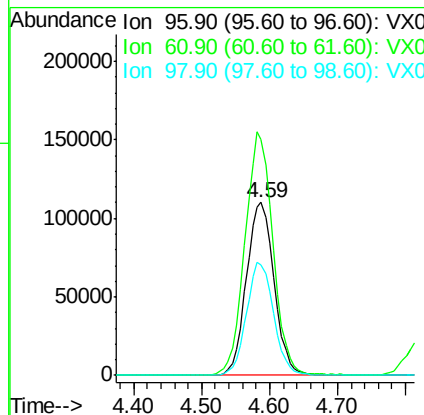
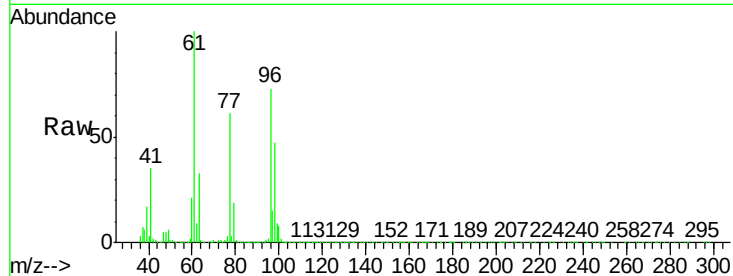
cis-1,2-Dichloroethene
Concen: 49.587 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.01 min
Lab File: VX014136.D
Acq: 19 Dec 2019 21:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100	310794		
61	141.6	0.0	288.4	
98	63.9	0.0	129.6	

Manual Integrations
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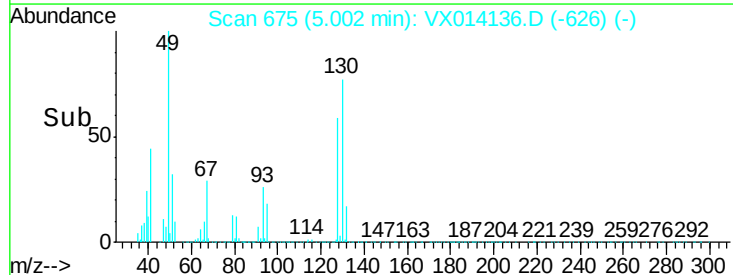
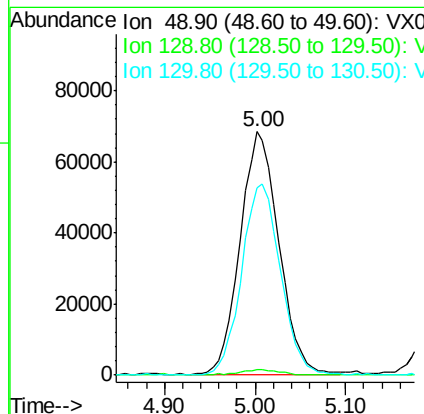
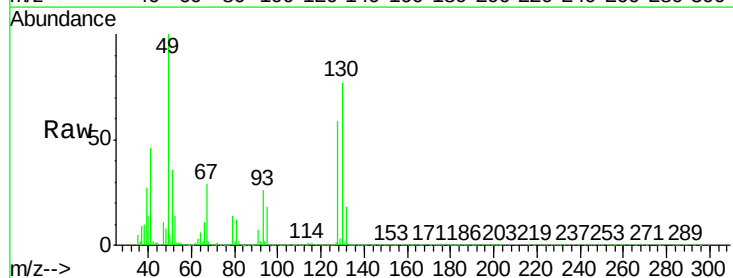
apatel
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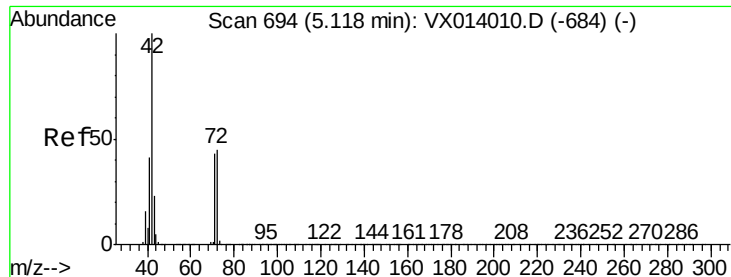


#28

Bromochloromethane
Concen: 52.416 ug/l
RT: 5.00 min Scan# 675
Delta R.T. 0.00 min
Lab File: VX014136.D
Acq: 19 Dec 2019 21:17

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	200820		
129	2.5	0.0	5.0	
130	79.5	64.6	97.0	





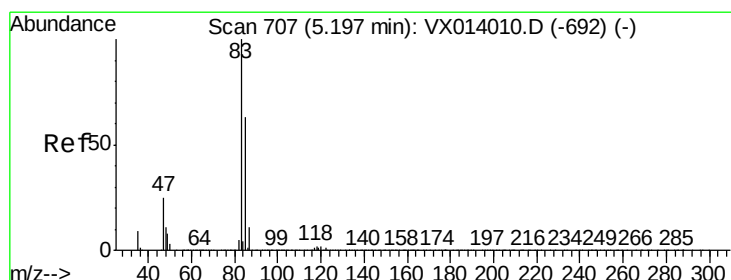
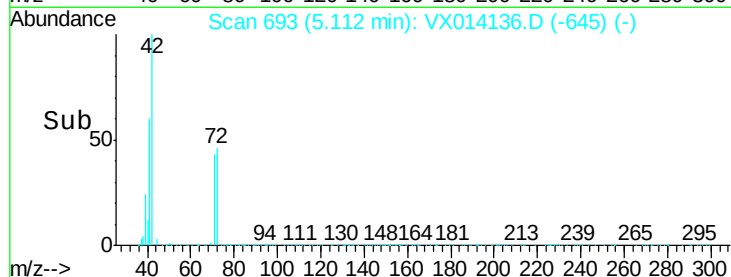
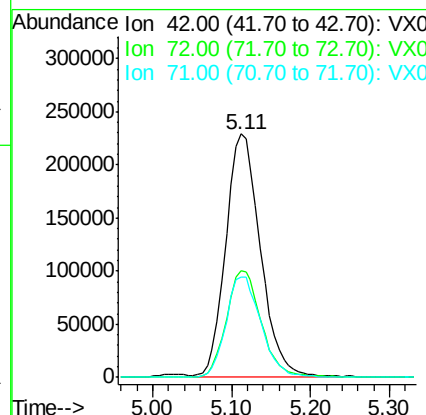
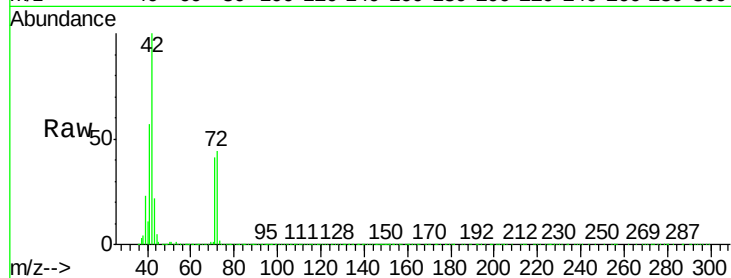
#29
Tetrahydrofuran
Concen: 261.704 ug/l
RT: 5.11 min Scan# 693
Delta R.T. -0.01 min
Lab File: VX014136.D
Acq: 19 Dec 2019 21:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.3	35.8	53.8
71	42.2	33.6	50.4

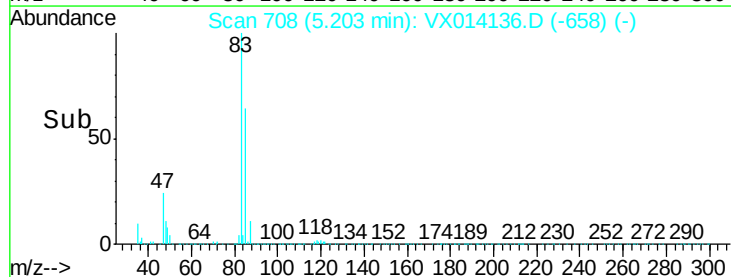
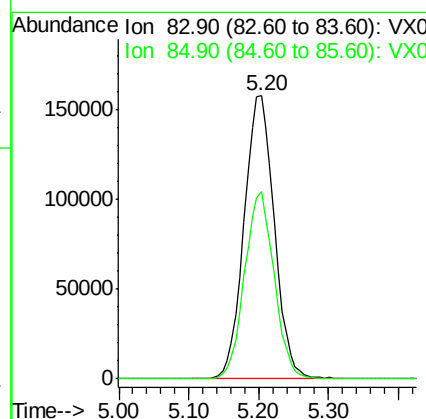
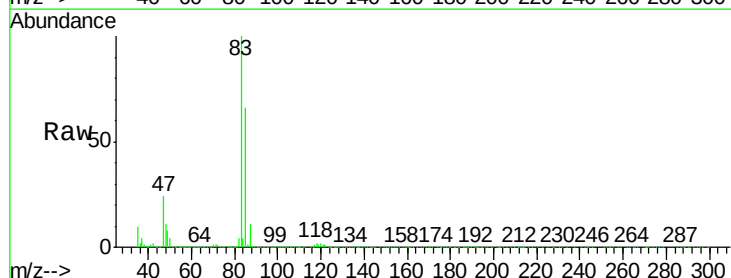
Manual Integrations
APPROVED

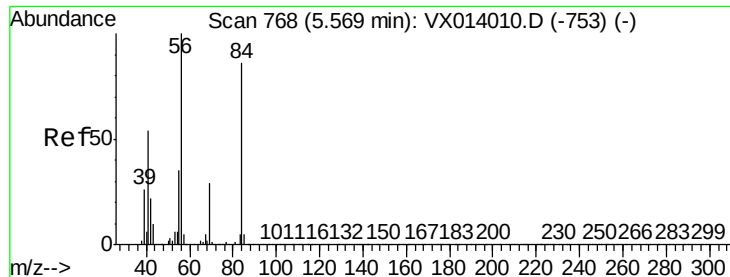
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#30
Chloroform
Concen: 50.050 ug/l
RT: 5.20 min Scan# 708
Delta R.T. 0.01 min
Lab File: VX014136.D
Acq: 19 Dec 2019 21:17

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.1	50.8	76.2





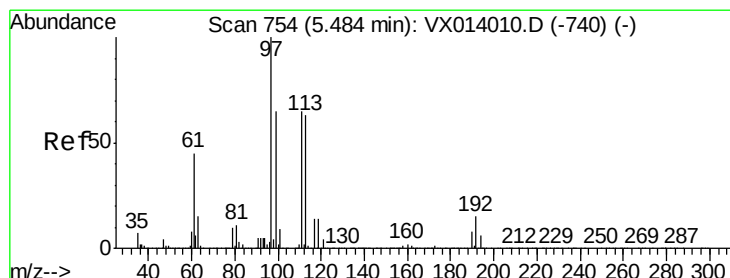
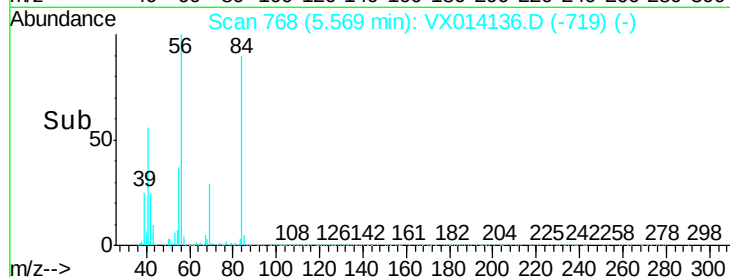
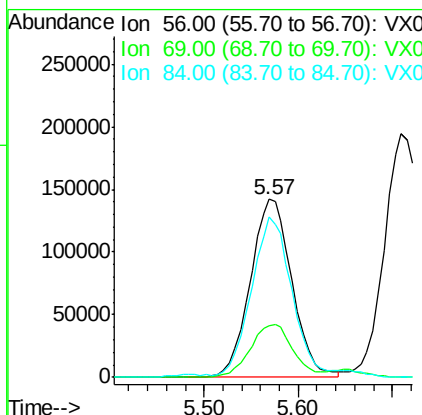
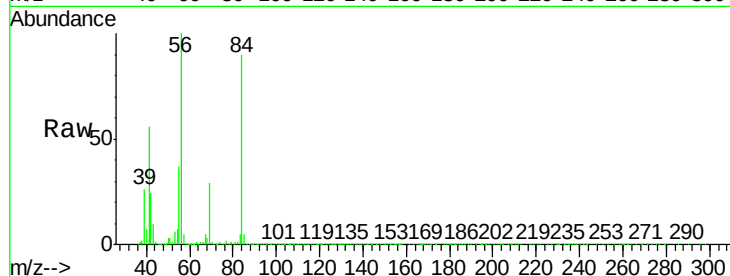
#31
Cyclohexane
Concen: 49.160 ug/l
RT: 5.57 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX014136.D
Acq: 19 Dec 2019 21:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	29.4	23.2	34.8
84	89.2	69.2	103.8

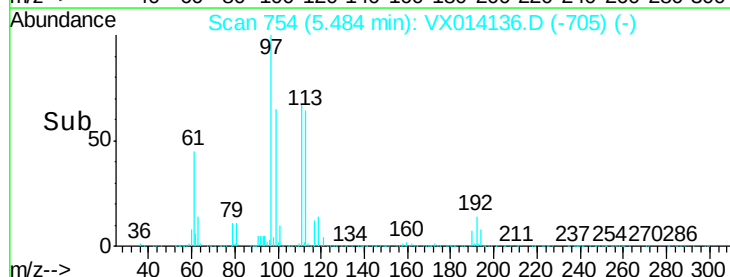
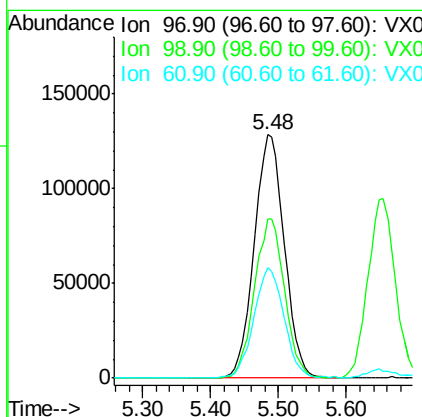
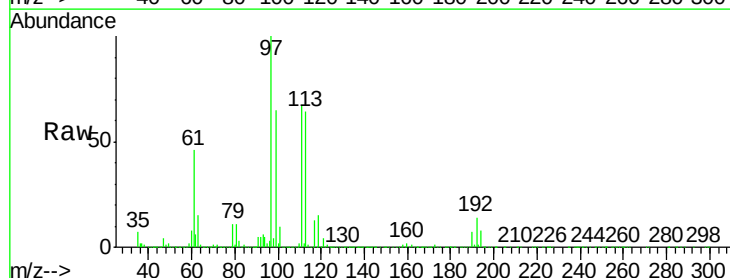
Manual Integrations
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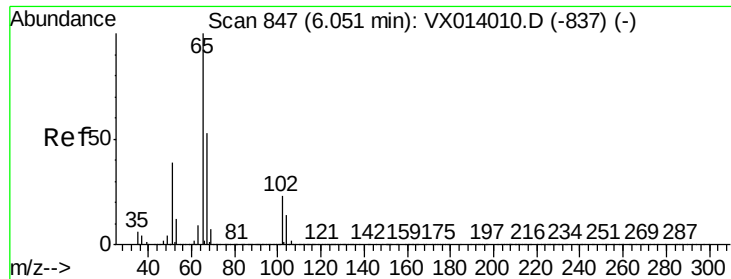
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#32
1,1,1-Trichloroethane
Concen: 49.455 ug/l
RT: 5.48 min Scan# 754
Delta R.T. 0.00 min
Lab File: VX014136.D
Acq: 19 Dec 2019 21:17

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.1	52.0	78.0
61	45.3	36.7	55.1





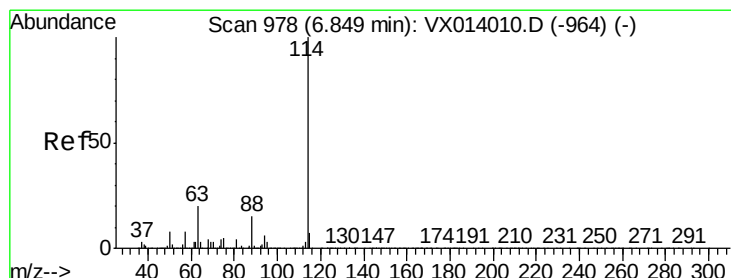
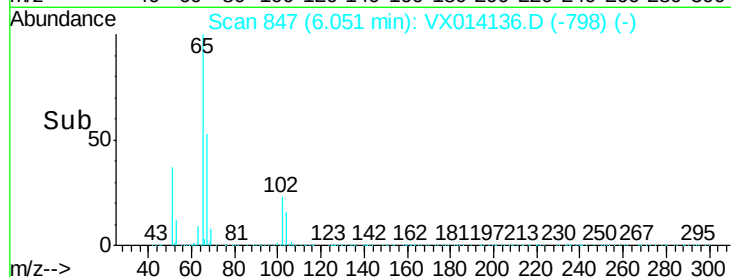
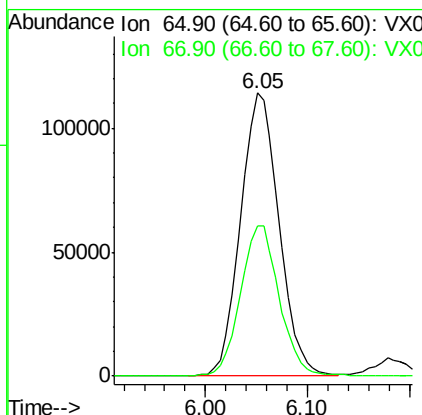
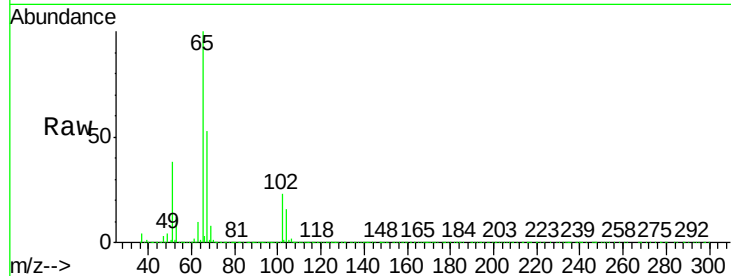
#33
 1,2-Dichloroethane-d4
 Concen: 50.457 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX014136.D
 Acq: 19 Dec 2019 21:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
65	100	299051		
67	53.7	0.0	106.4	

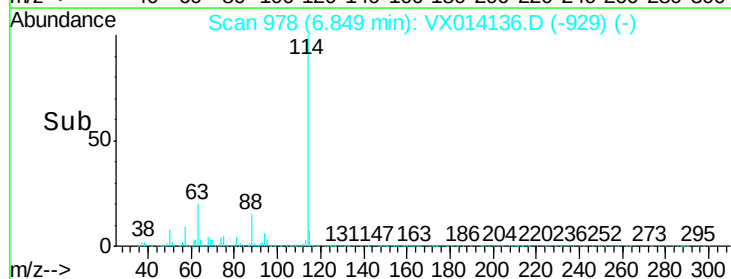
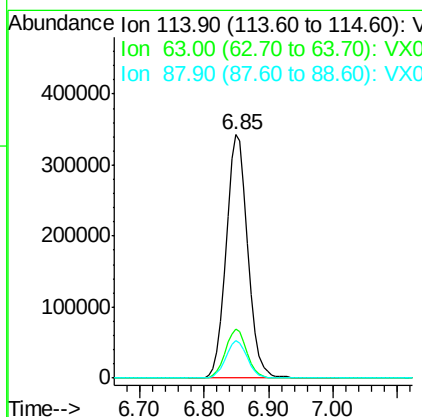
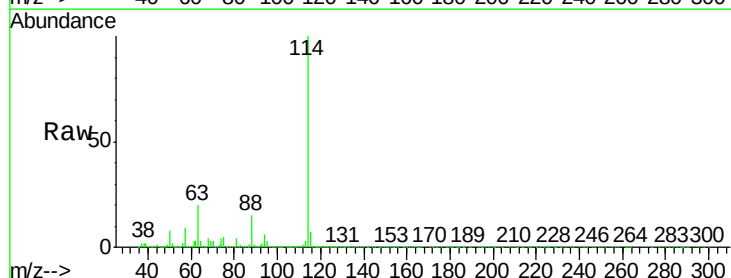
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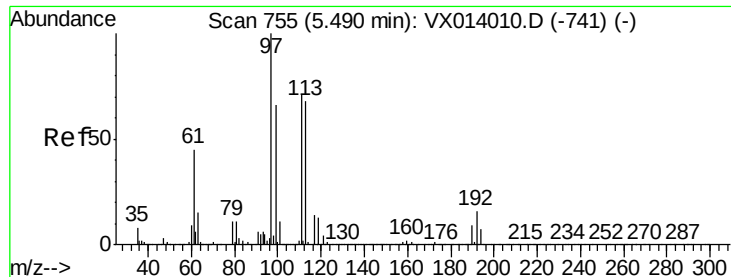
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX014136.D
 Acq: 19 Dec 2019 21:17

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	810953		
63	20.1	0.0	40.8	
88	15.4	0.0	30.4	





#35

Dibromofluoromethane

Concen: 50.030 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX014136.D

Acq: 19 Dec 2019 21:17

Instrument :

MSVOA_X

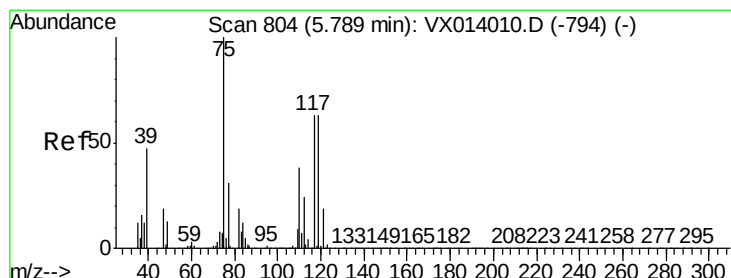
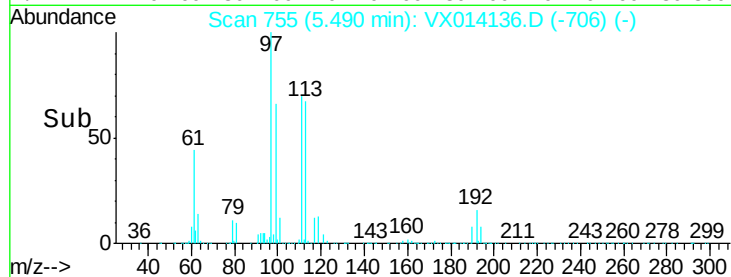
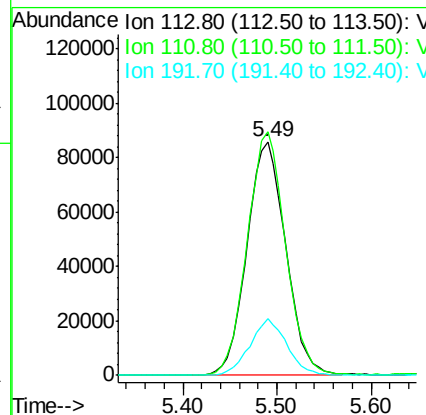
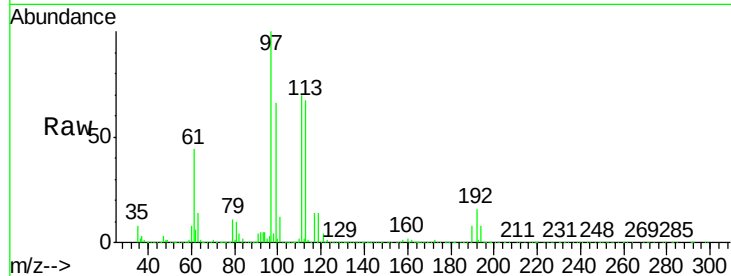
ClientSampleId :

VSTDCCC050EC

Tot Ion:	113	Resp:	246634
Ion Ratio	Lower	Upper	
113	100		
111	102.7	82.0	123.0
192	23.4	19.3	28.9

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 48.669 ug/l

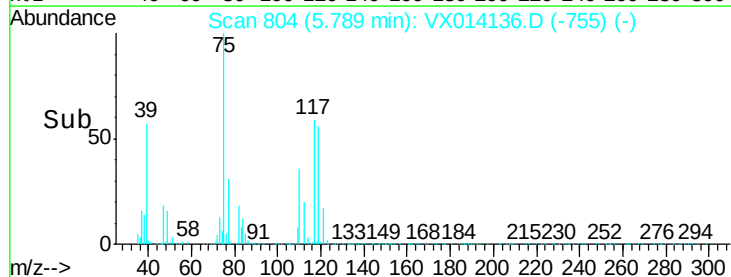
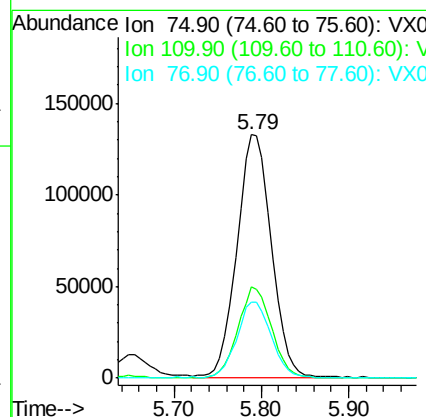
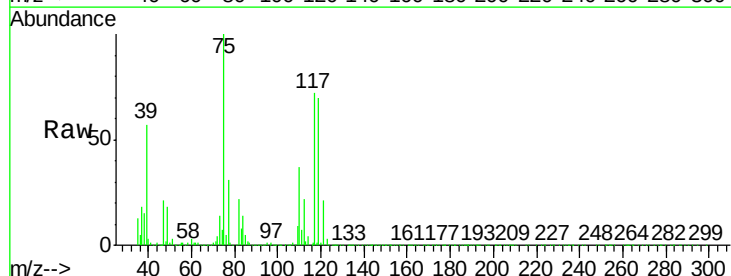
RT: 5.79 min Scan# 804

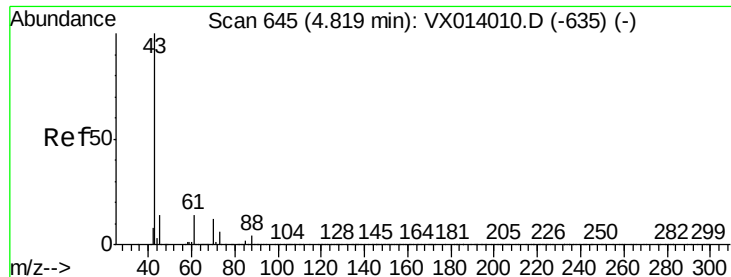
Delta R.T. 0.00 min

Lab File: VX014136.D

Acq: 19 Dec 2019 21:17

Tgt Ion:	75	Resp:	362146
Ion Ratio	Lower	Upper	
75	100		
110	36.6	18.3	54.9
77	30.9	24.8	37.2





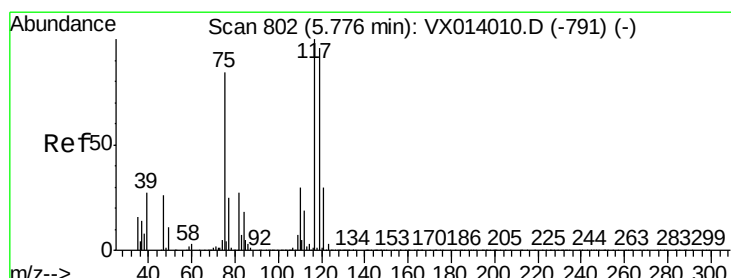
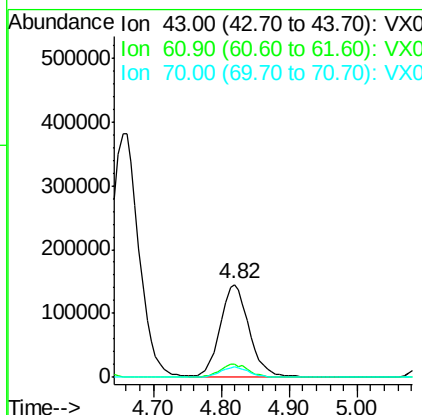
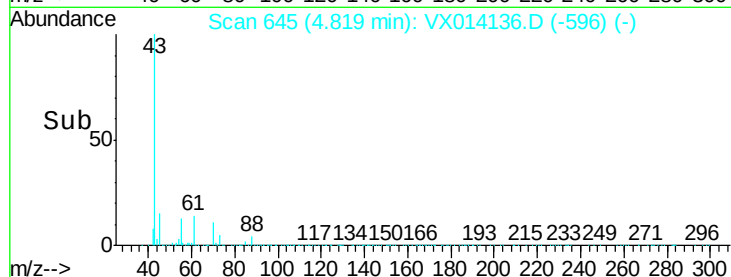
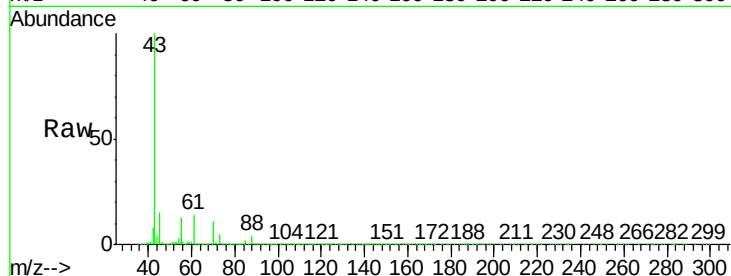
#37
Ethyl Acetate
Concen: 51.479 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX014136.D
Acq: 19 Dec 2019 21:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	43	Resp	423003
Ion Ratio	Lower	Upper	
43	100		
61	13.8	10.8	16.2
70	10.8	8.6	12.8

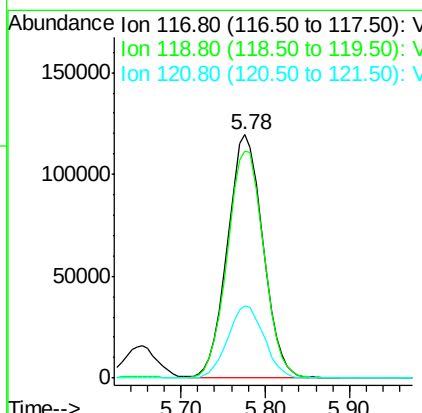
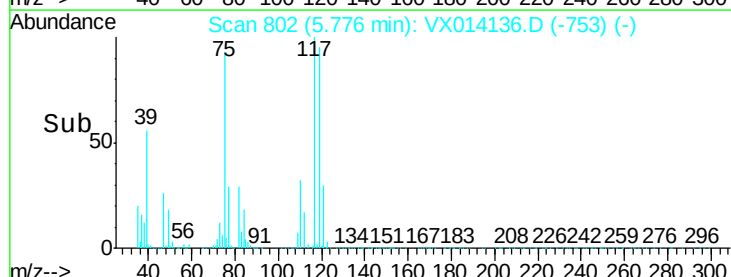
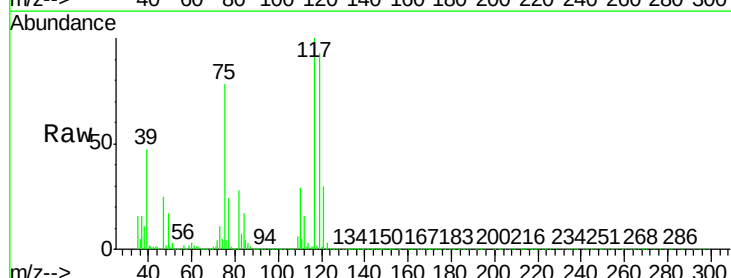
Manual Integrations
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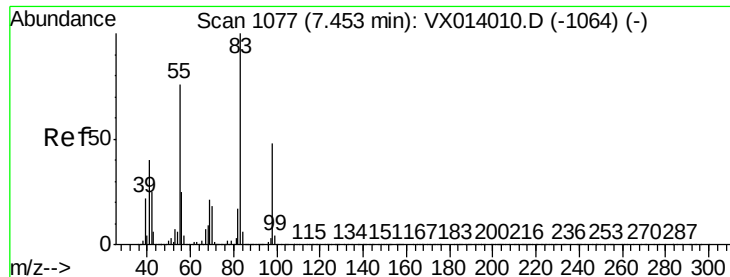
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#38
Carbon Tetrachloride
Concen: 50.426 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX014136.D
Acq: 19 Dec 2019 21:17

Tgt Ion	117	Resp	341820
Ion Ratio	Lower	Upper	
117	100		
119	93.0	76.2	114.4
121	29.6	23.6	35.4





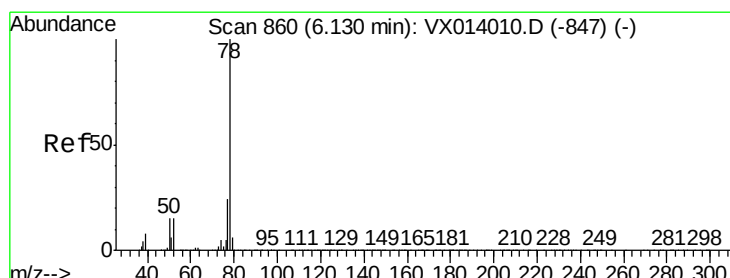
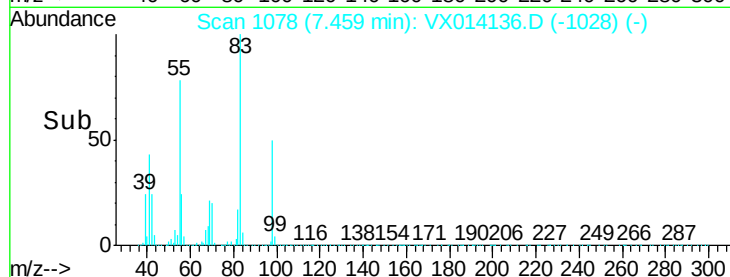
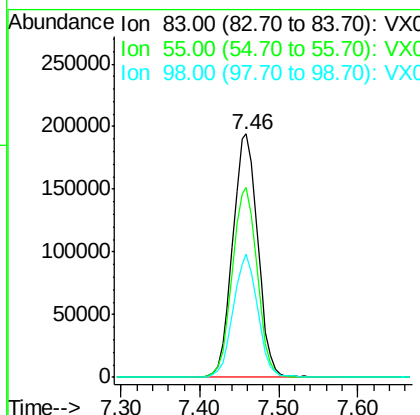
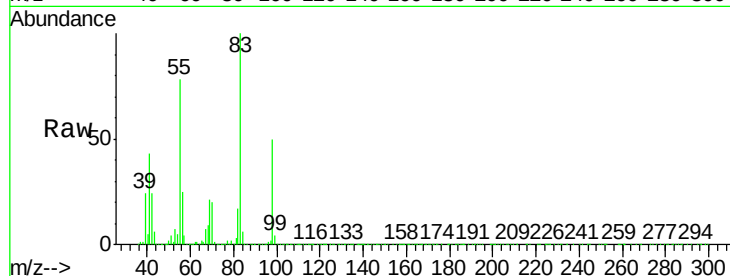
#39
Methylvlcyclohexane
Concen: 46.634 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.01 min
Lab File: VX014136.D
Acq: 19 Dec 2019 21:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	77.7	61.0	91.6
98	50.4	38.6	57.8

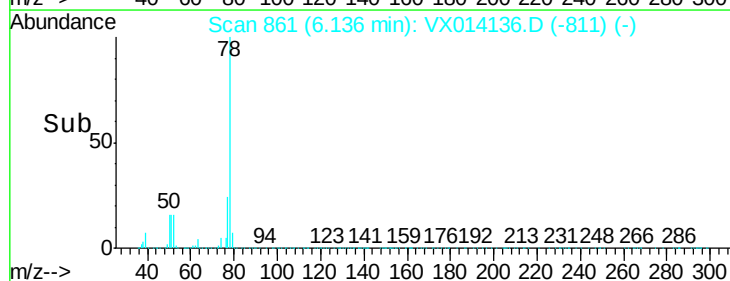
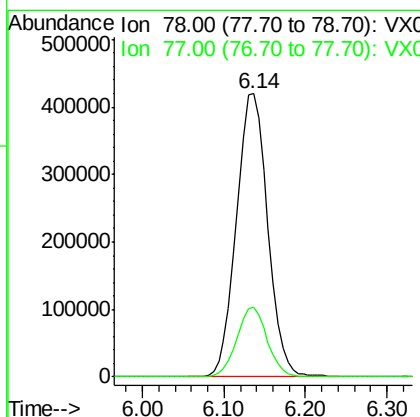
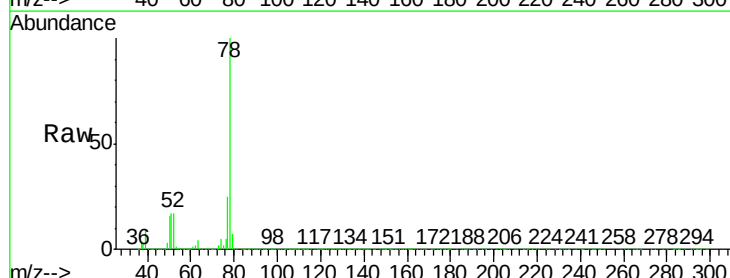
Manual Integrations
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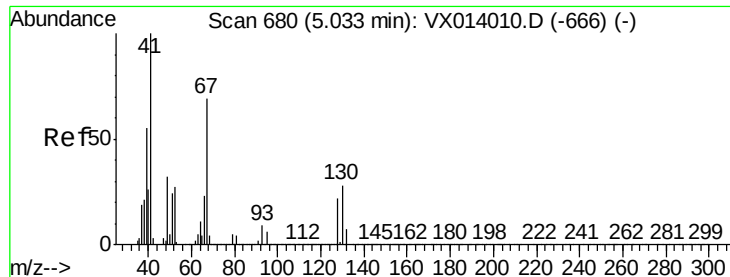
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#40
Benzene
Concen: 48.774 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.01 min
Lab File: VX014136.D
Acq: 19 Dec 2019 21:17

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.6	18.8	28.2





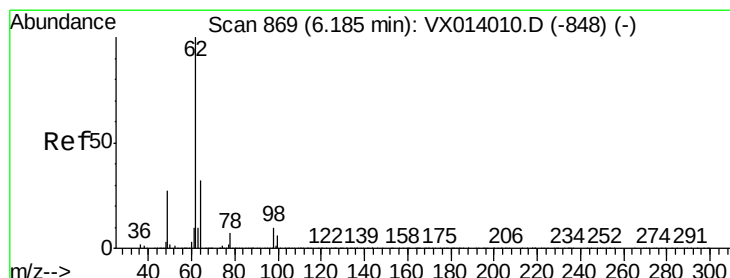
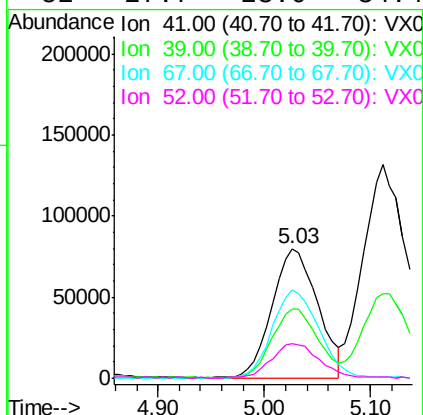
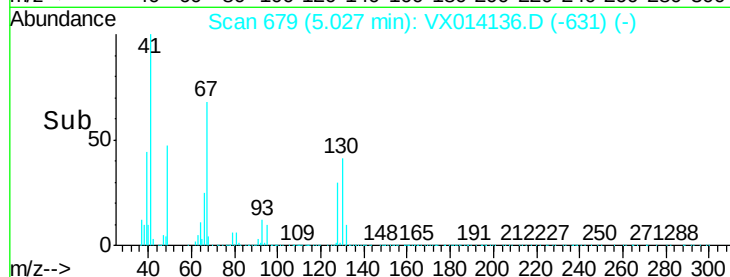
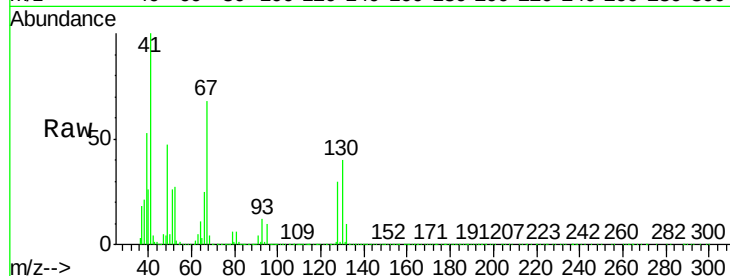
#41
Methacrylonitrile
Concen: 51.521 ug/l
RT: 5.03 min Scan# 679
Delta R.T. -0.01 min
Lab File: VX014136.D
Acq: 19 Dec 2019 21:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		234894		
39	53.3	44.5	66.7		
67	70.0	57.4	86.0		
52	27.7	23.0	34.4		

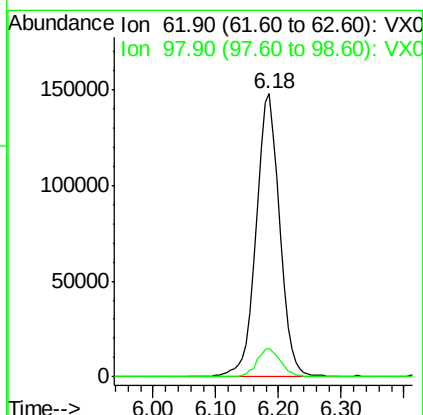
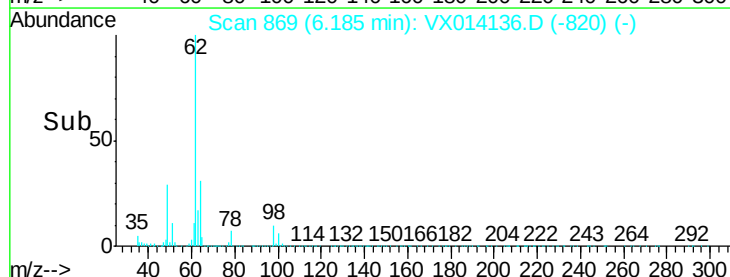
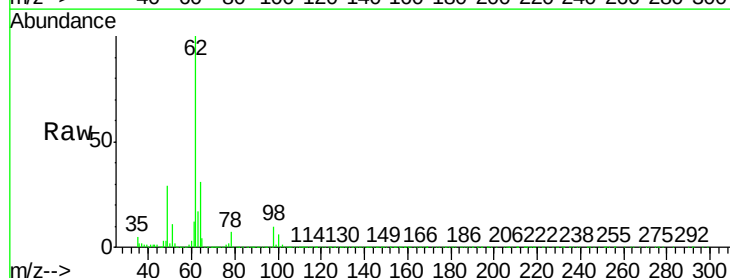
Manual Integrations
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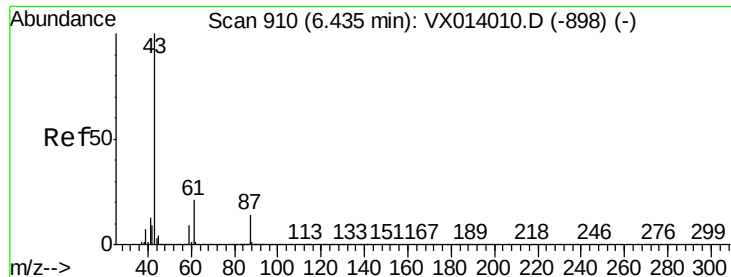
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#42
1,2-Dichloroethane
Concen: 49.653 ug/l
RT: 6.18 min Scan# 869
Delta R.T. 0.00 min
Lab File: VX014136.D
Acq: 19 Dec 2019 21:17

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		385350		
98	9.9	0.0	21.0		





#43

Isopropyl Acetate

Concen: 51.483 ug/l

RT: 6.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: VX014136.D

Acq: 19 Dec 2019 21:17

Instrument :

MSVOA_X

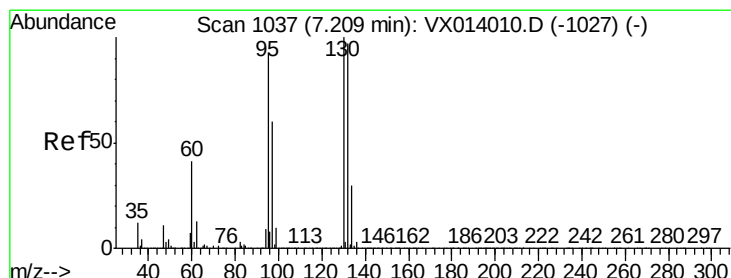
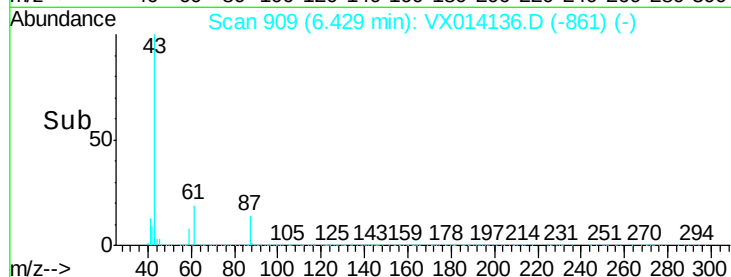
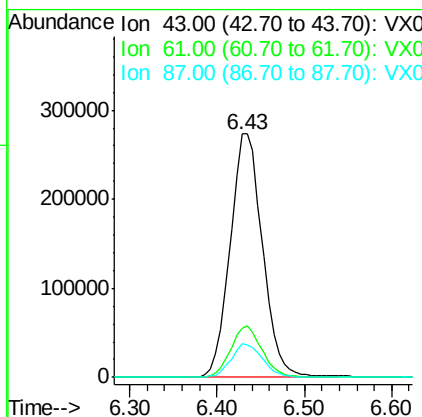
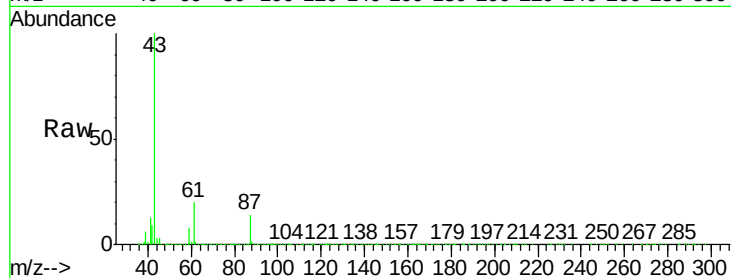
ClientSampleId :

VSTDCCC050EC

Tot Ion:	43	Resp:	700091
Ion Ratio		Lower	Upper
43	100		
61	20.3	16.4	24.6
87	13.2	10.7	16.1

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#44

Trichloroethene

Concen: 48.796 ug/l

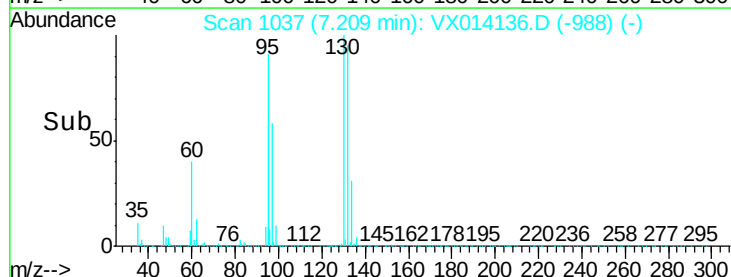
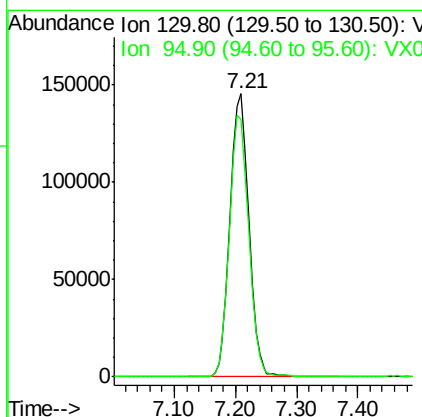
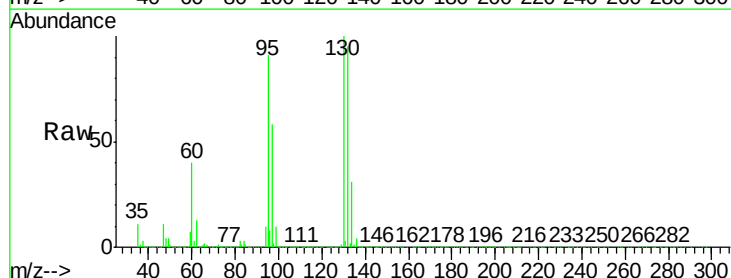
RT: 7.21 min Scan# 1037

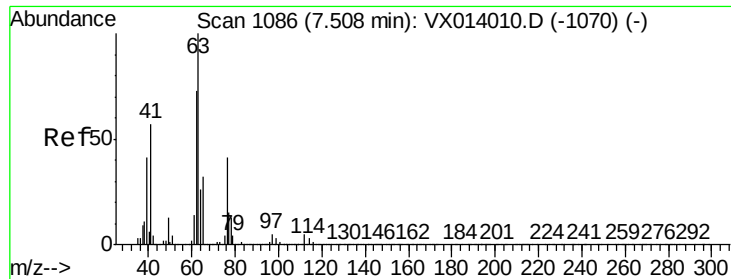
Delta R.T. 0.00 min

Lab File: VX014136.D

Acq: 19 Dec 2019 21:17

Tgt Ion:	130	Resp:	308572
Ion Ratio		Lower	Upper
130	100		
95	90.7	0.0	185.6





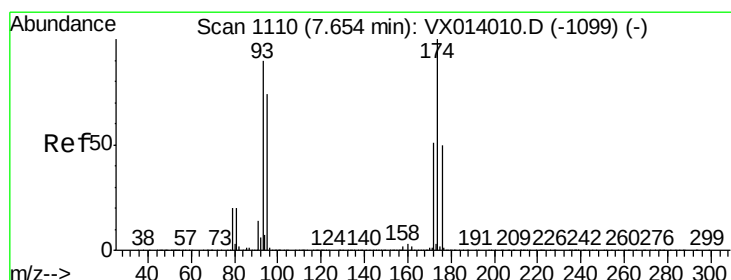
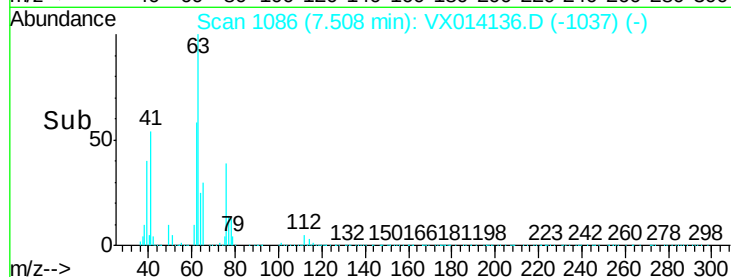
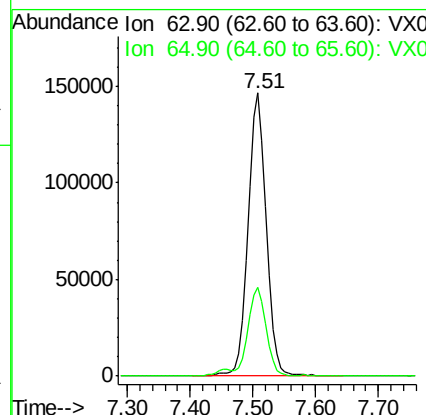
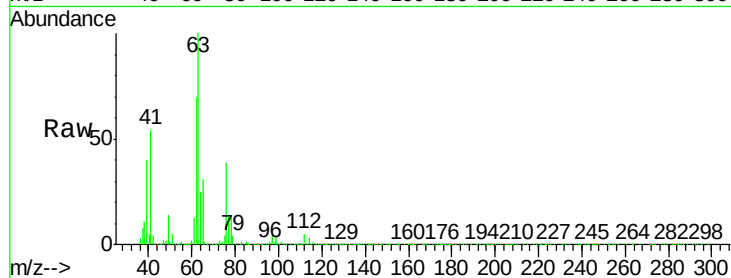
#45
 1,2-Dichloropropane
 Concen: 49.933 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: VX014136.D
 Acq: 19 Dec 2019 21:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.3	25.8	38.8

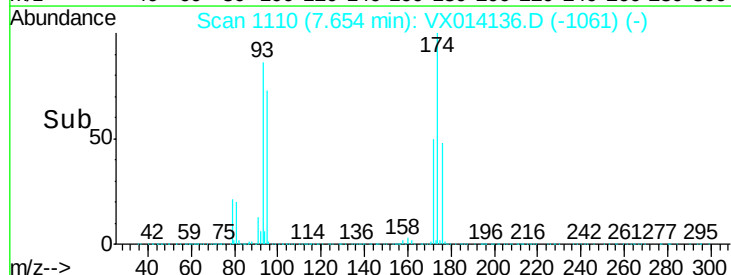
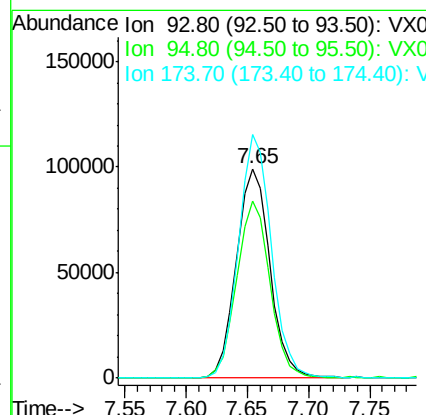
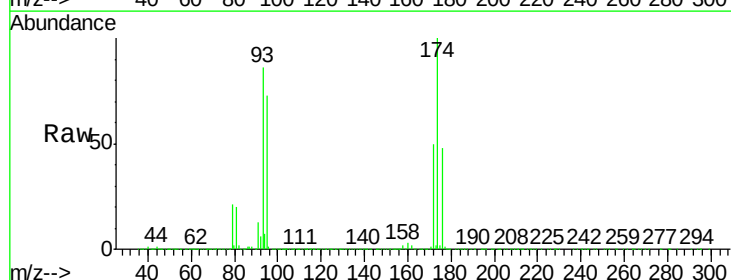
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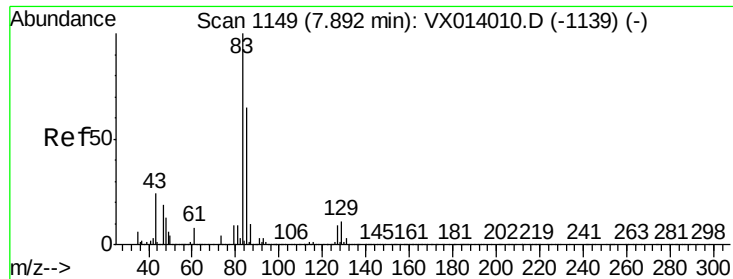
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#46
 Dibromomethane
 Concen: 48.512 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX014136.D
 Acq: 19 Dec 2019 21:17

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.8	67.3	100.9
174	114.1	91.6	137.4





#47

Bromodichloromethane

Concen: 50.208 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX014136.D

Acq: 19 Dec 2019 21:17

Instrument :

MSVOA_X

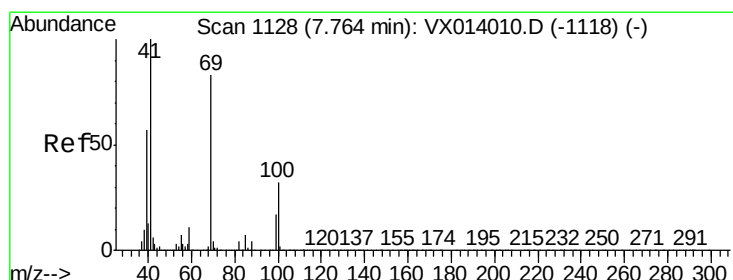
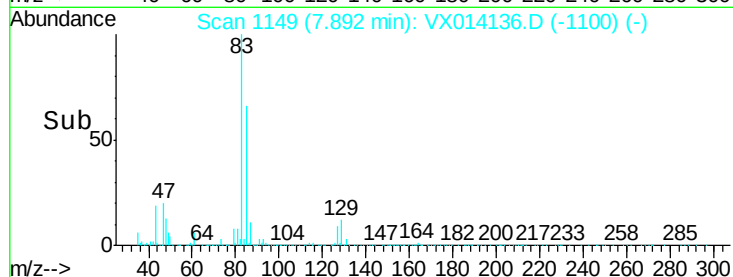
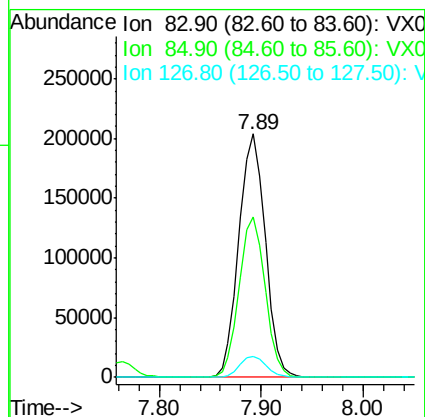
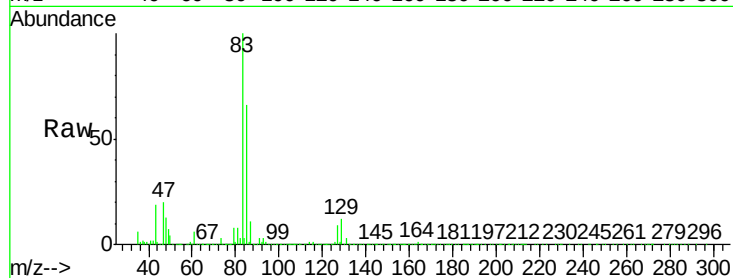
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	366865
Ion Ratio		Lower	Upper
83	100		
85	65.5	51.8	77.8
127	8.7	7.0	10.4

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#48

Methyl methacrylate

Concen: 51.084 ug/l

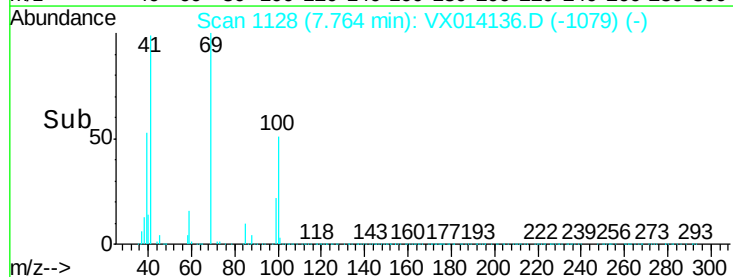
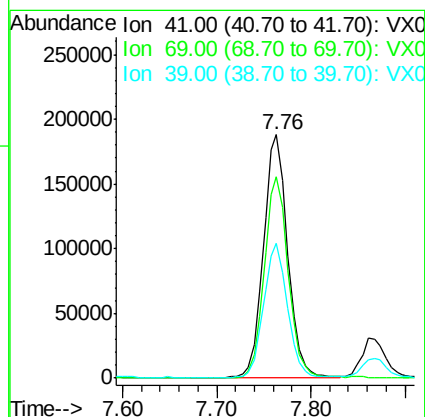
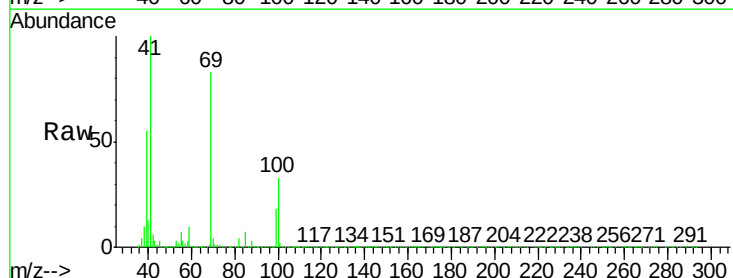
RT: 7.76 min Scan# 1128

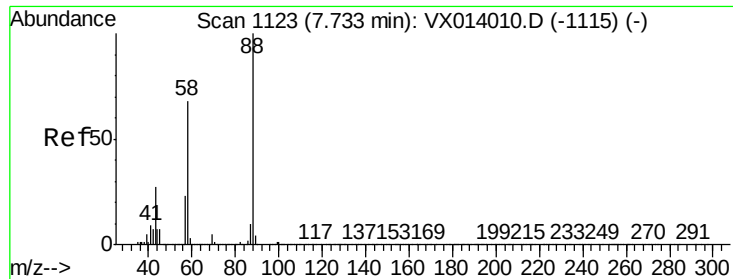
Delta R.T. 0.00 min

Lab File: VX014136.D

Acq: 19 Dec 2019 21:17

Tgt Ion:	41	Resp:	340161
Ion Ratio		Lower	Upper
41	100		
69	82.2	65.8	98.6
39	54.5	44.6	67.0





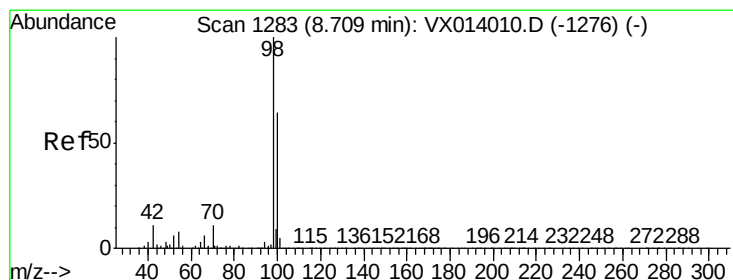
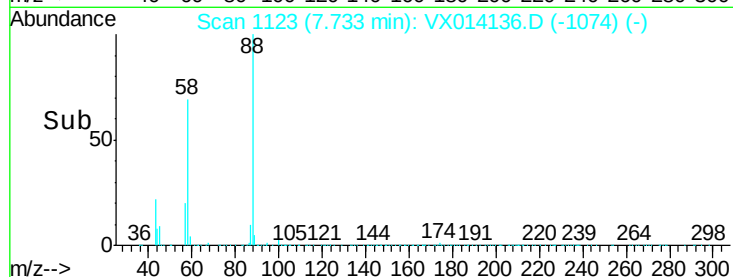
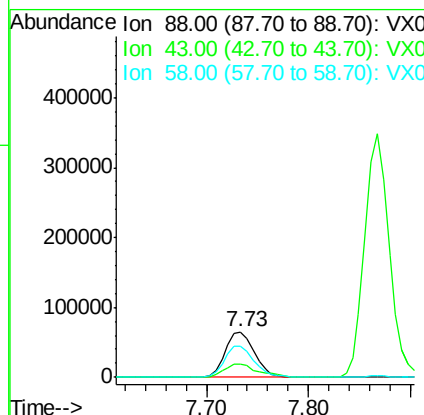
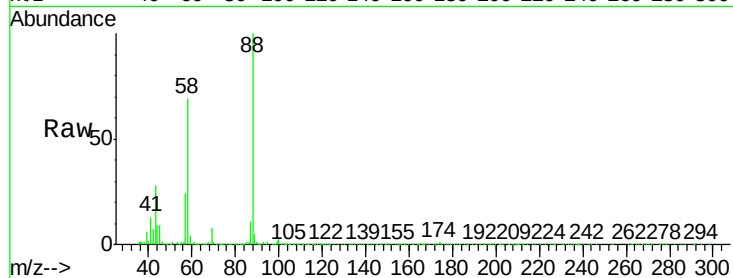
#49
1,4-Dioxane
Concen: 946.924 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. 0.00 min
Lab File: VX014136.D
Acq: 19 Dec 2019 21:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	33.2	26.5	39.7
58	70.7	56.8	85.2

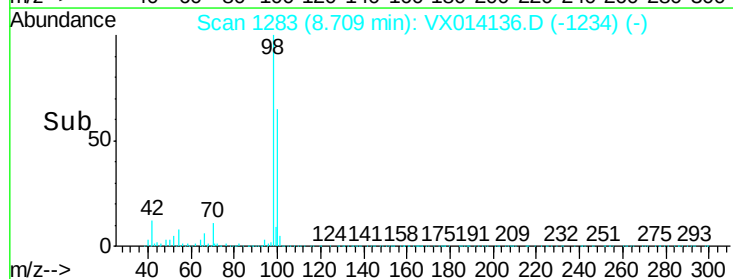
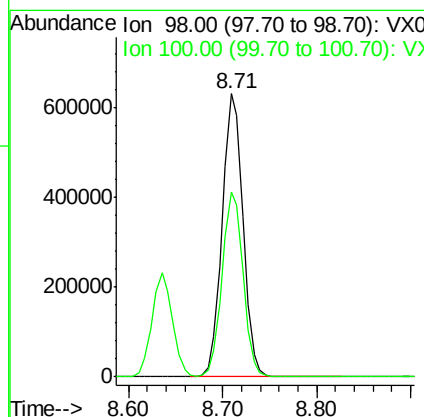
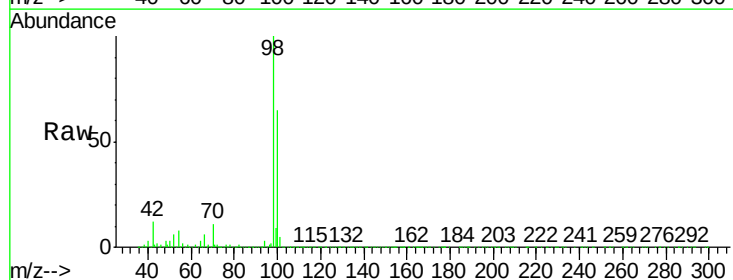
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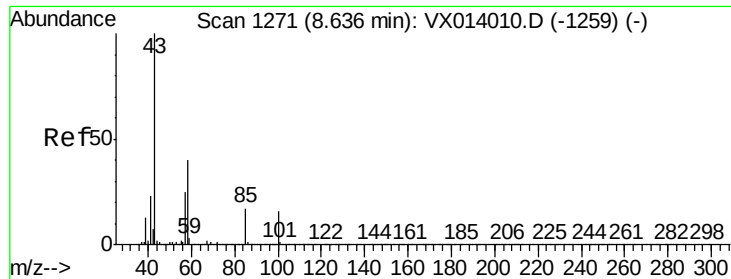
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#50
Toluene-d8
Concen: 50.272 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX014136.D
Acq: 19 Dec 2019 21:17

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.9	52.9	79.3





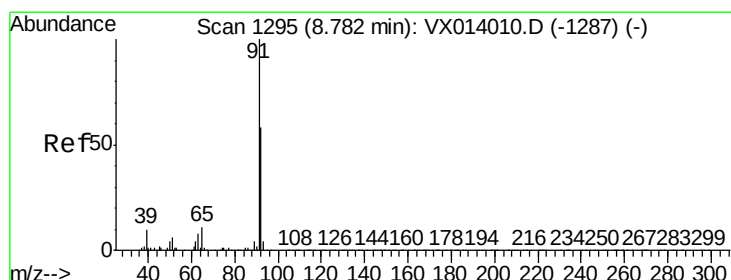
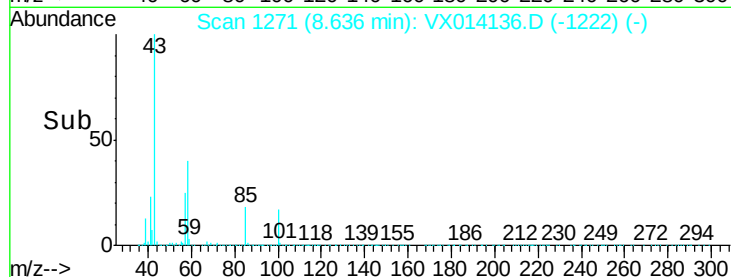
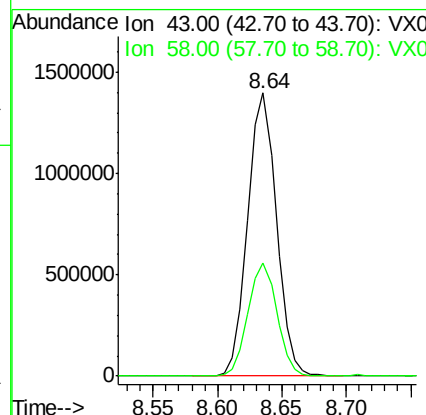
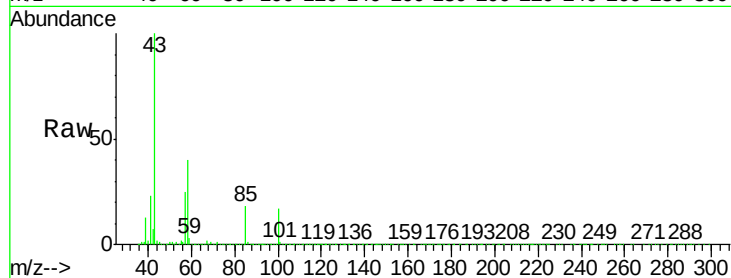
#51
4-Methyl-2-Pentanone
Concen: 252.300 ug/l
RT: 8.64 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VX014136.D
Acq: 19 Dec 2019 21:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 2154683
Ion Ratio Lower Upper
43 100
58 40.2 32.2 48.2

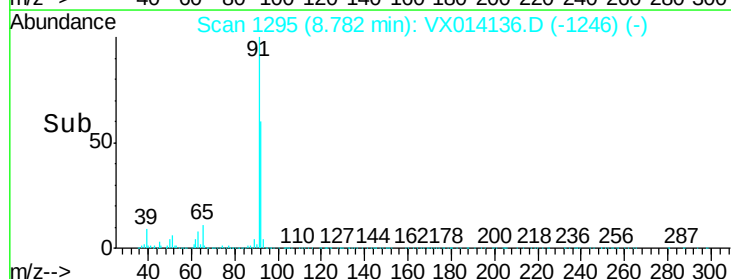
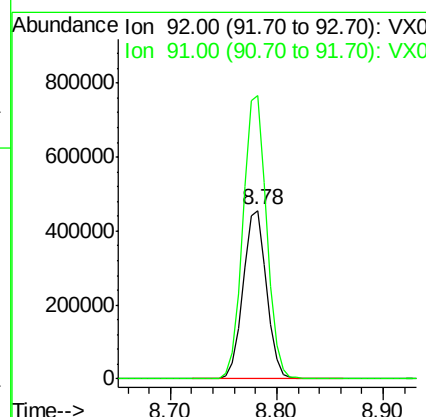
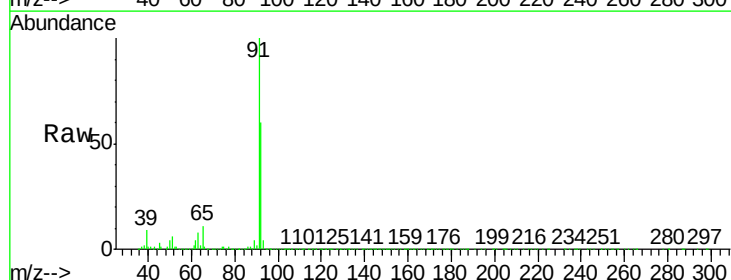
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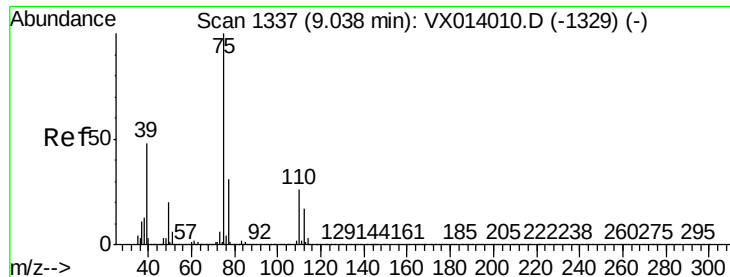
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#52
Toluene
Concen: 48.542 ug/l
RT: 8.78 min Scan# 1295
Delta R.T. 0.00 min
Lab File: VX014136.D
Acq: 19 Dec 2019 21:17

Tgt Ion: 92 Resp: 702457
Ion Ratio Lower Upper
92 100
91 170.3 136.2 204.4





#53

t-1,3-Dichloropropene

Concen: 51.247 ug/l

RT: 9.03 min Scan# 1336

Delta R.T. -0.01 min

Lab File: VX014136.D

Acq: 19 Dec 2019 21:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 75 Resp: 410594

Ion Ratio Lower Upper

75 100

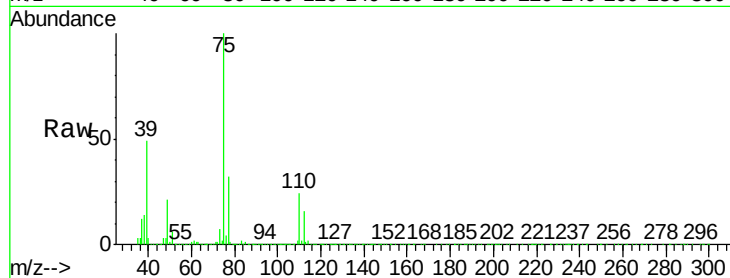
77 31.9 25.1 37.7

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Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.03

250000

200000

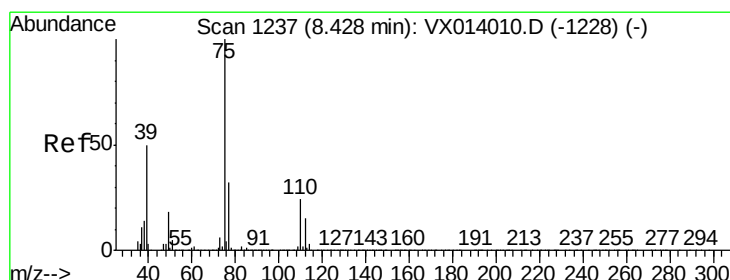
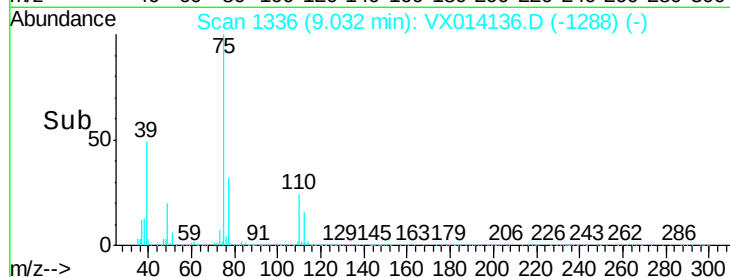
150000

100000

50000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 51.492 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. 0.00 min

Lab File: VX014136.D

Acq: 19 Dec 2019 21:17

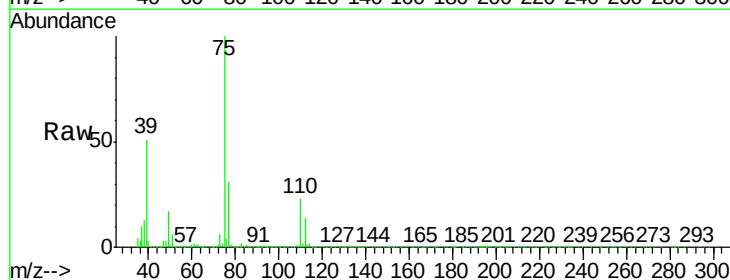
Tgt Ion: 75 Resp: 459621

Ion Ratio Lower Upper

75 100

77 30.9 25.3 37.9

39 50.8 39.9 59.9



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

8.43

400000

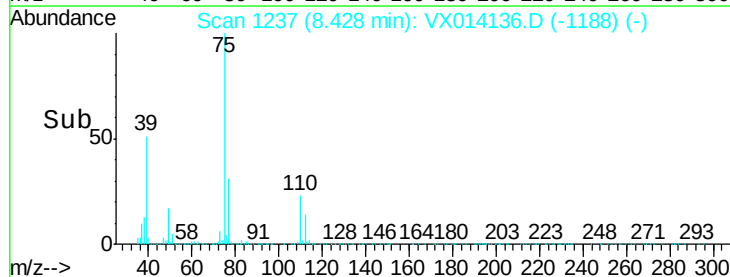
300000

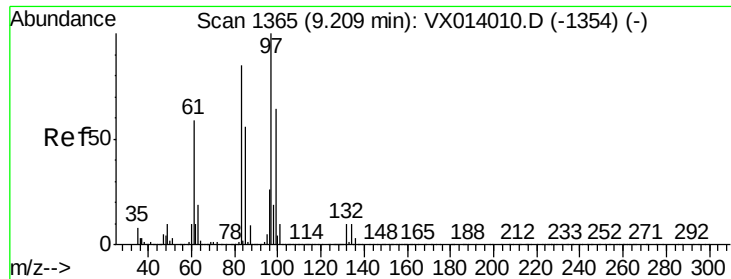
200000

100000

0

Time-->





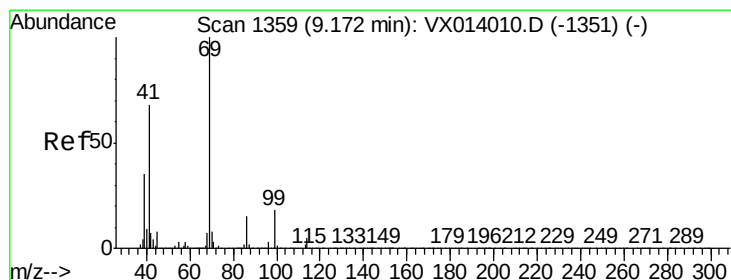
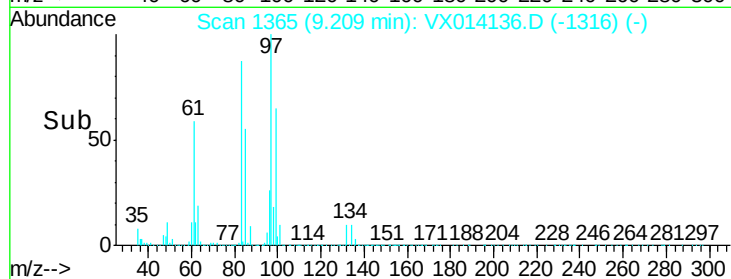
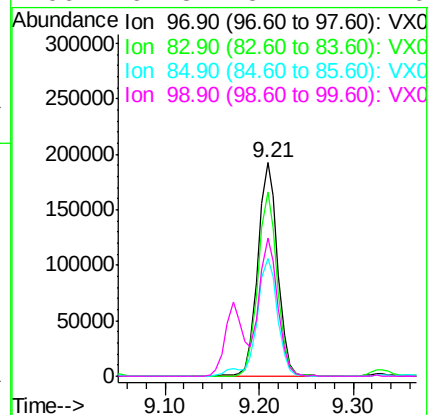
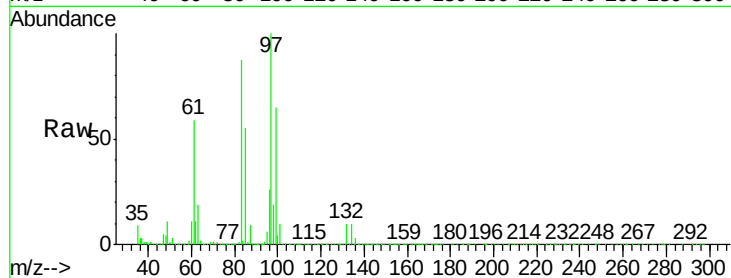
#55
 1,1,2-Trichloroethane
 Concen: 49.382 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX014136.D
 Acq: 19 Dec 2019 21:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		286409		
83	86.6	68.2	102.4		
85	55.3	44.6	66.8		
99	64.8	51.4	77.0		

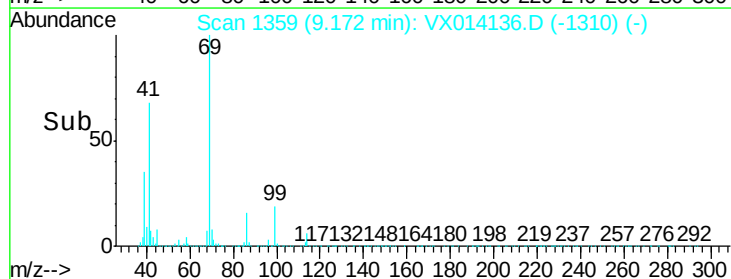
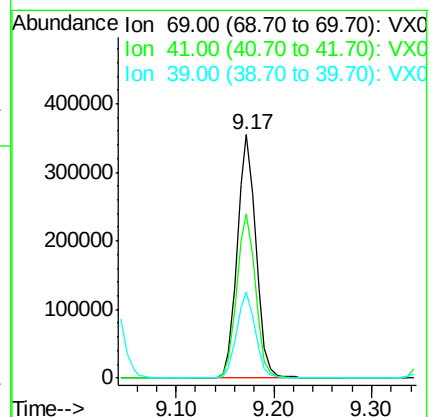
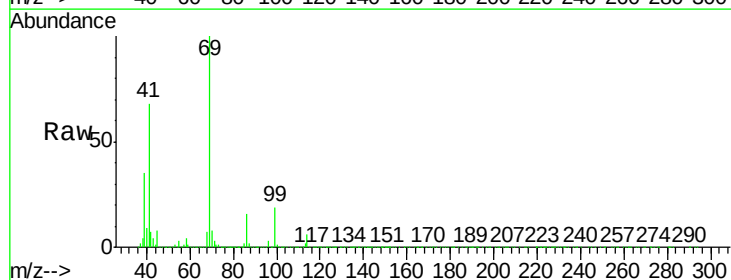
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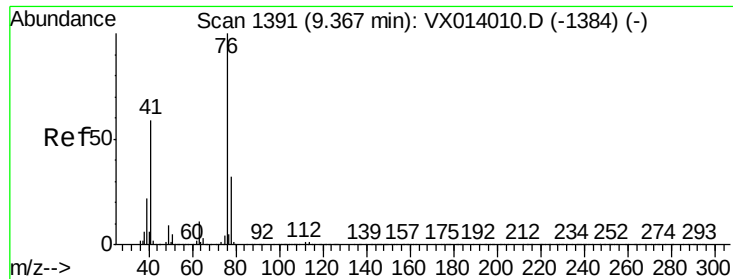
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#56
 Ethyl methacrylate
 Concen: 51.530 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX014136.D
 Acq: 19 Dec 2019 21:17

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		469471		
41	68.1	54.8	82.2		
39	35.2	28.3	42.5		





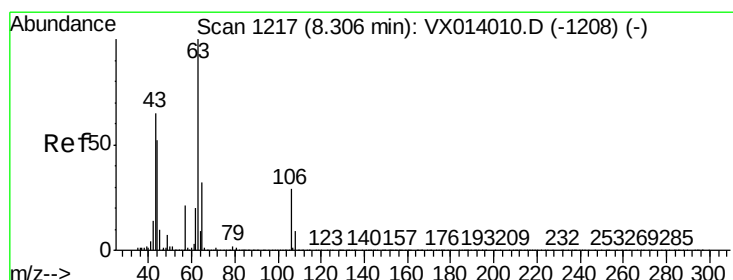
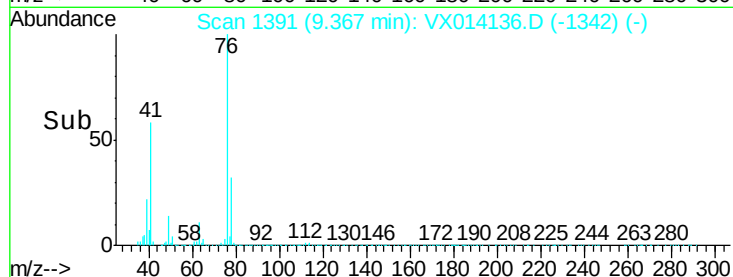
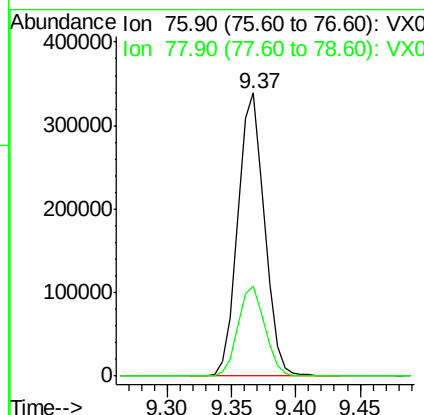
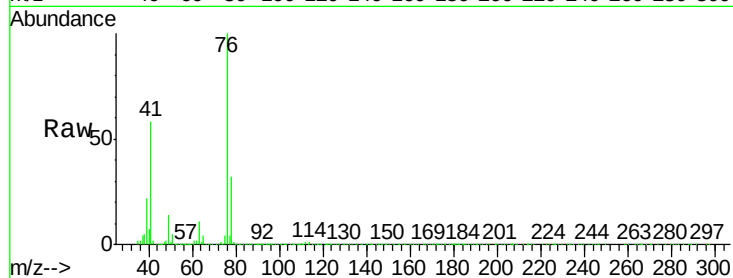
#57
 1,3-Dichloropropane
 Concen: 49.896 ug/l
 RT: 9.37 min Scan# 1391
 Delta R.T. 0.00 min
 Lab File: VX014136.D
 Acq: 19 Dec 2019 21:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.1	25.8	38.6

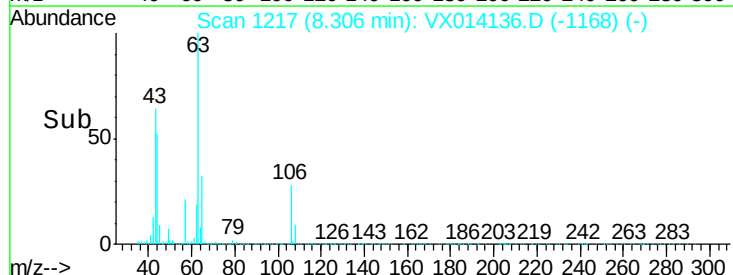
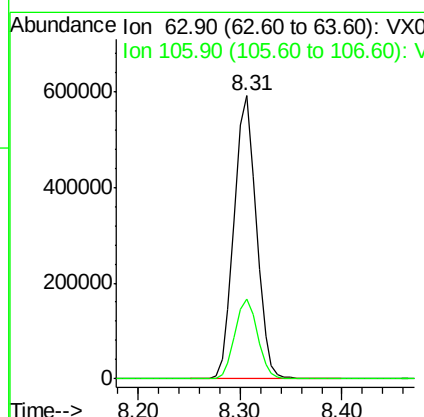
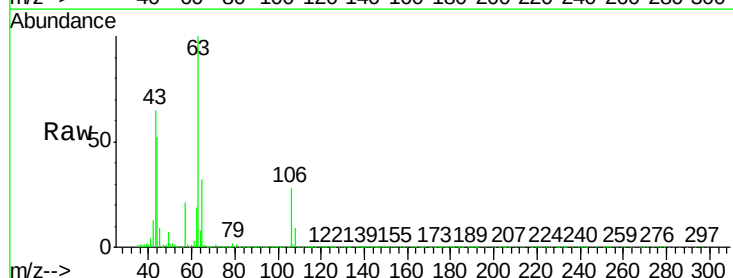
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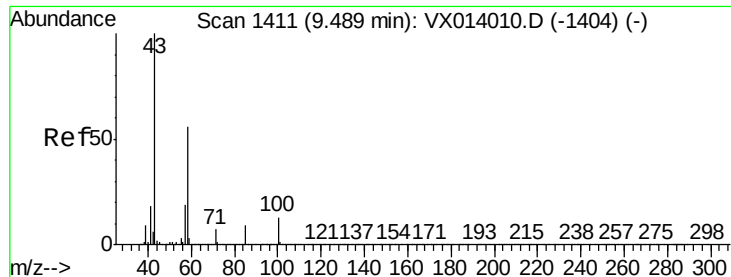
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#58
 2-Chloroethyl Vinyl ether
 Concen: 258.236 ug/l
 RT: 8.31 min Scan# 1217
 Delta R.T. 0.00 min
 Lab File: VX014136.D
 Acq: 19 Dec 2019 21:17

Tgt Ion	Ratio	Lower	Upper
63	100		
106	28.7	23.0	34.6





#59

2-Hexanone

Concen: 238.485 ug/l

RT: 9.48 min Scan# 1410

Delta R.T. -0.01 min

Lab File: VX014136.D

Acq: 19 Dec 2019 21:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1639549

Ion Ratio Lower Upper

43 100

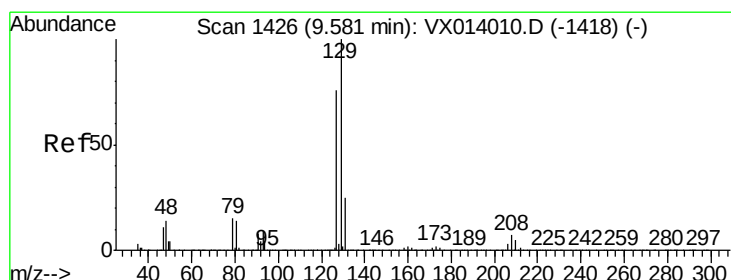
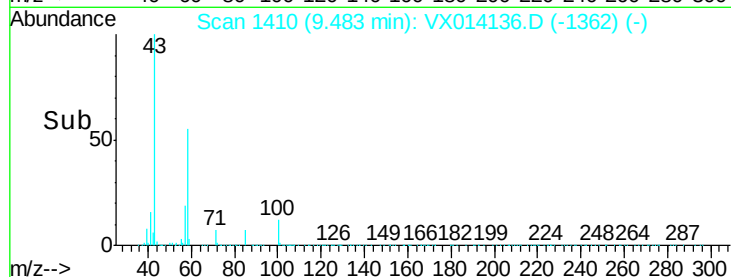
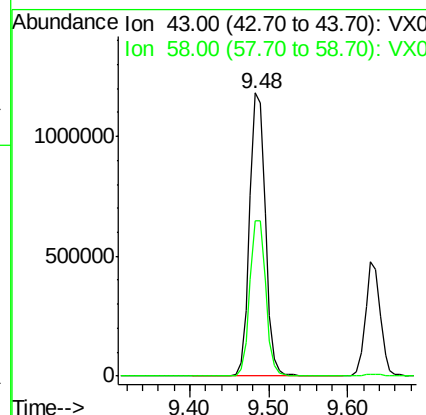
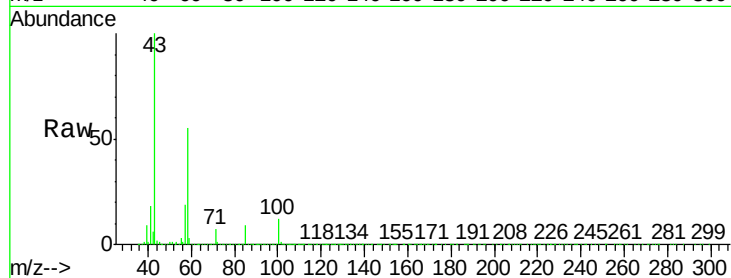
58 55.6 28.0 84.0

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#60

Dibromochloromethane

Concen: 52.237 ug/l

RT: 9.58 min Scan# 1426

Delta R.T. 0.00 min

Lab File: VX014136.D

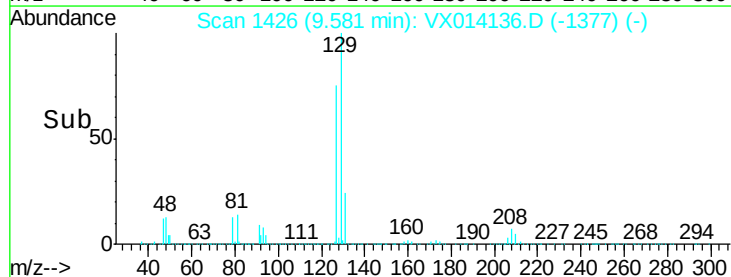
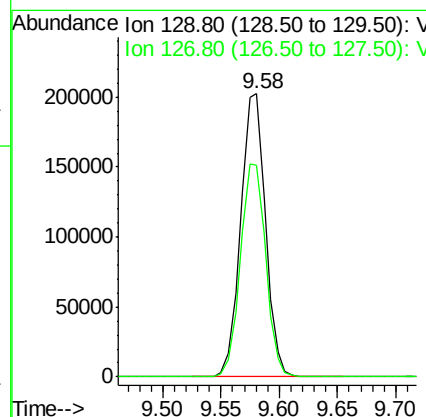
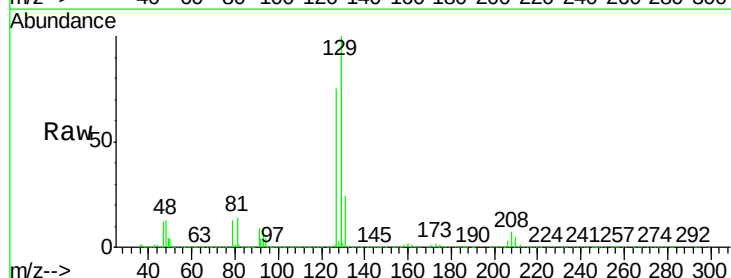
Acq: 19 Dec 2019 21:17

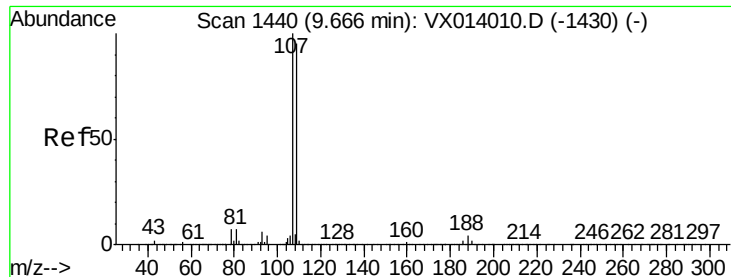
Tgt Ion: 129 Resp: 301152

Ion Ratio Lower Upper

129 100

127 76.7 38.4 115.2





#61

1,2-Dibromoethane

Concen: 50.753 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX014136.D

Acq: 19 Dec 2019 21:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 107 Resp: 301179

Ion Ratio Lower Upper

107 100

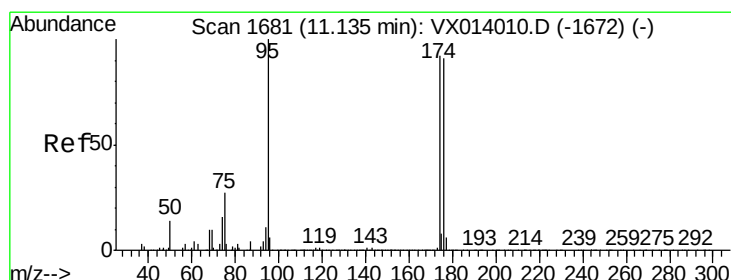
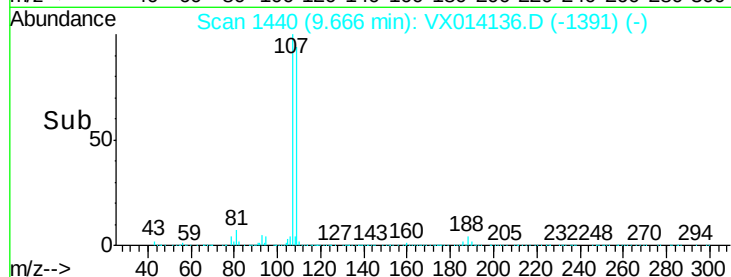
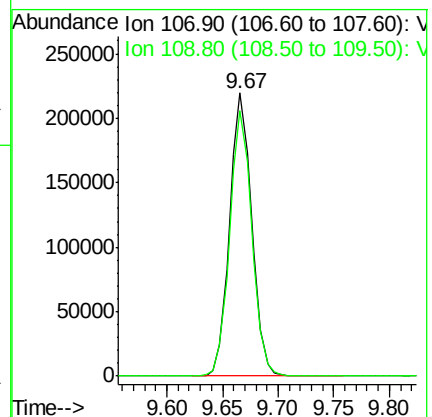
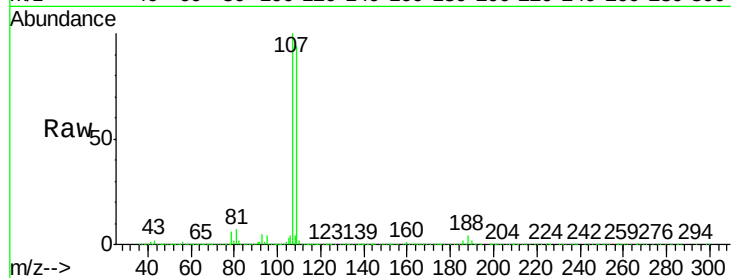
109 94.3 75.7 113.5

Manual Integrations

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#62

4-Bromofluorobenzene

Concen: 49.069 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX014136.D

Acq: 19 Dec 2019 21:17

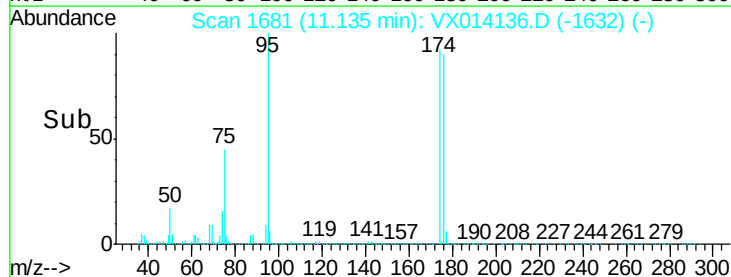
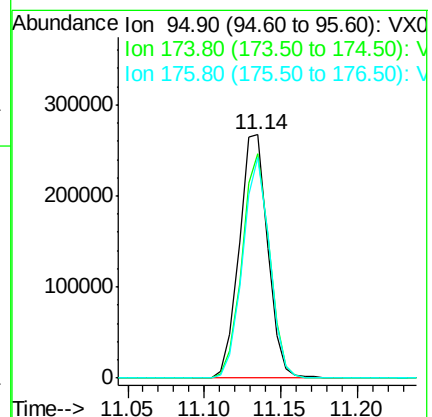
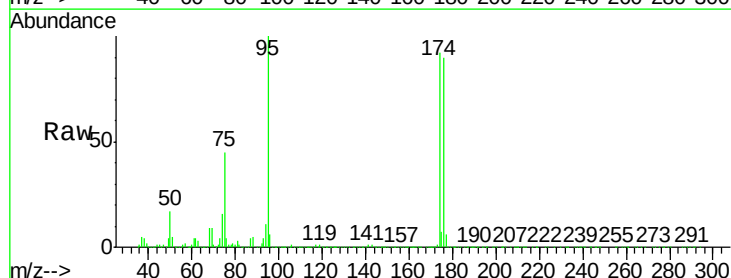
Tgt Ion: 95 Resp: 344254

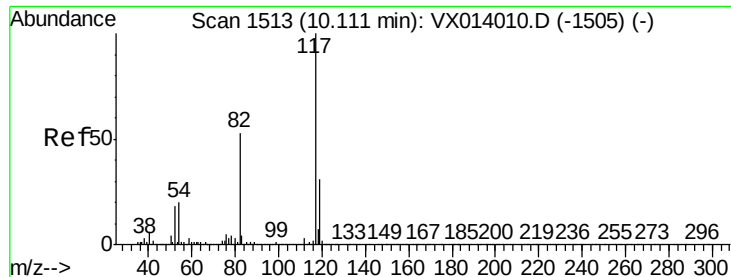
Ion Ratio Lower Upper

95 100

174 88.7 0.0 175.8

176 85.7 0.0 173.0





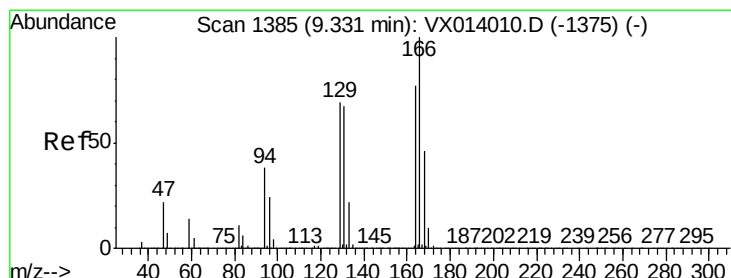
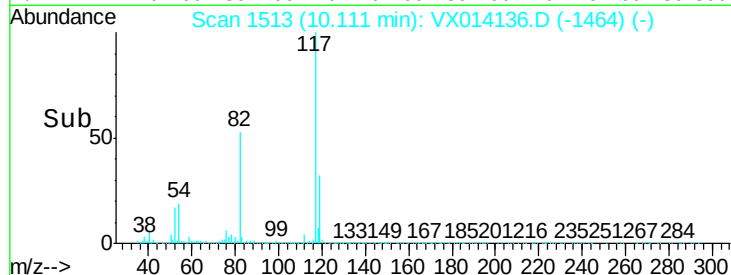
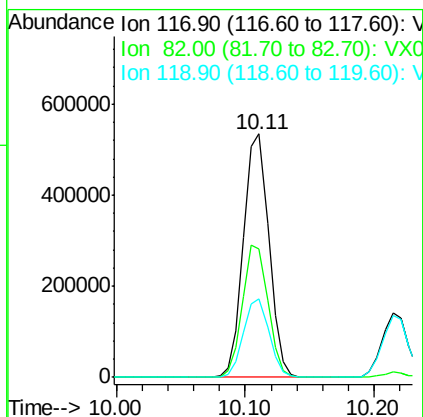
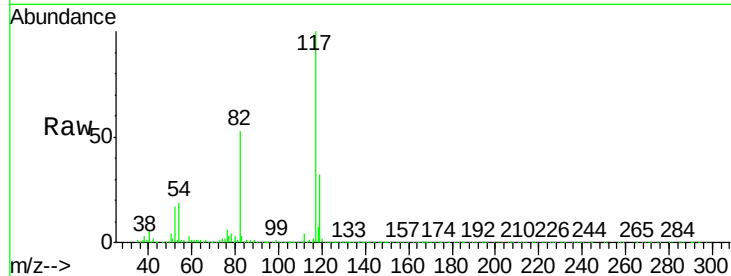
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX014136.D
Acq: 19 Dec 2019 21:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.8	42.2	63.4
119	32.3	25.1	37.7

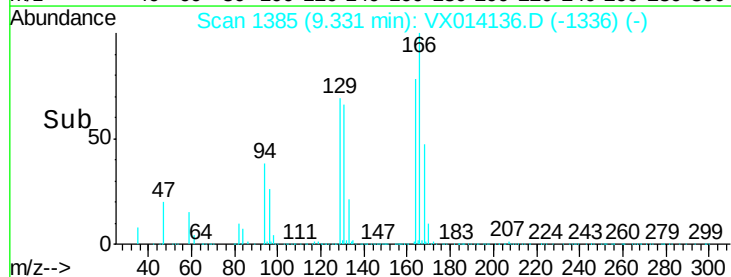
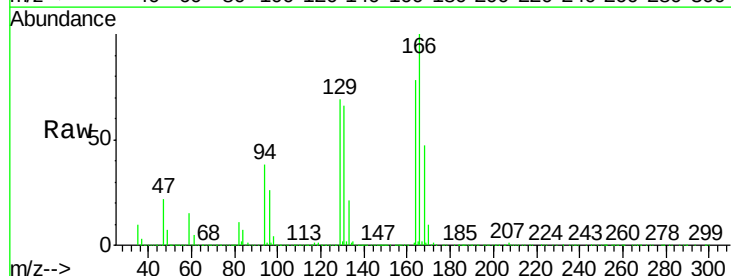
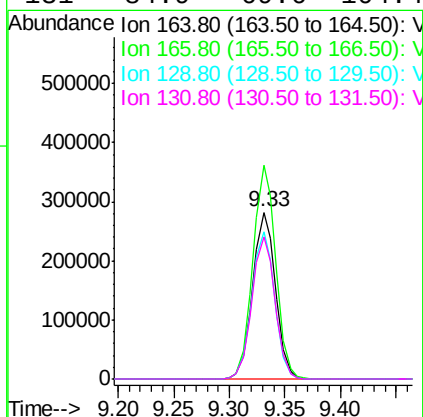
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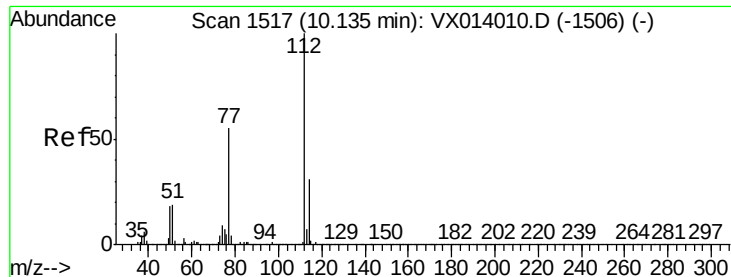
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#64
Tetrachloroethene
Concen: 62.420 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX014136.D
Acq: 19 Dec 2019 21:17

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.1	104.0	156.0
129	88.3	72.2	108.4
131	84.9	69.6	104.4





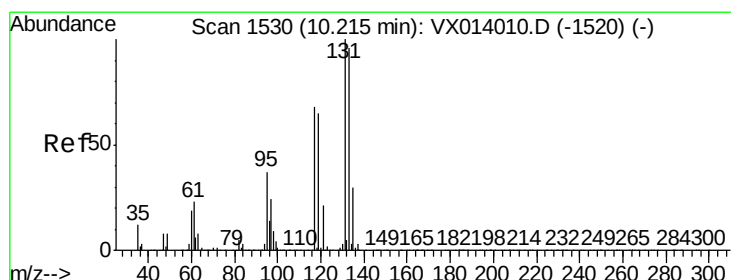
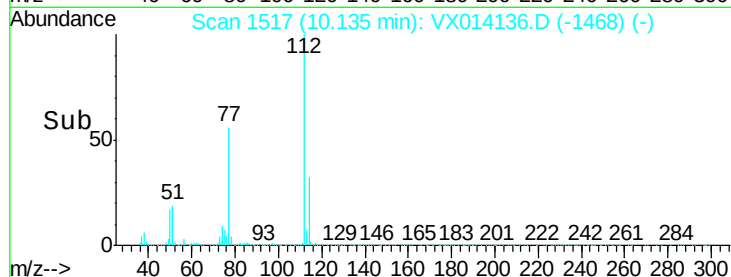
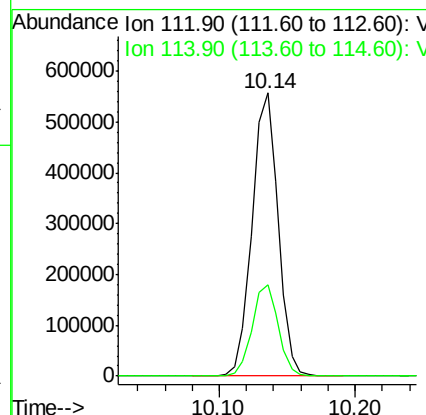
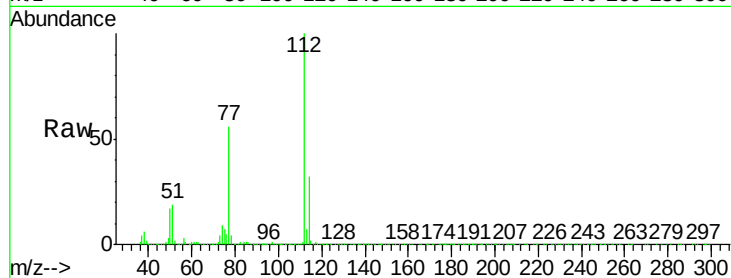
#65
Chlorobenzene
Concen: 48.236 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VX014136.D
Acq: 19 Dec 2019 21:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.3	24.9	37.3

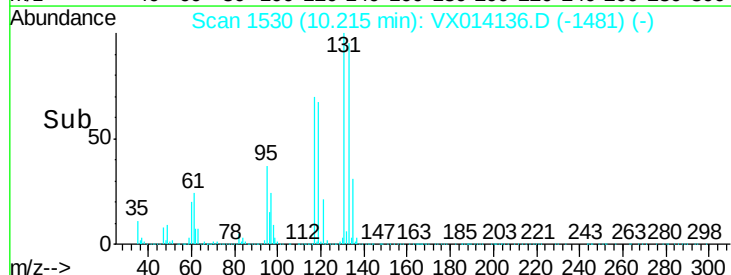
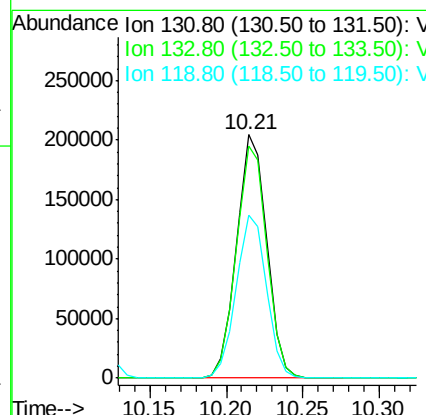
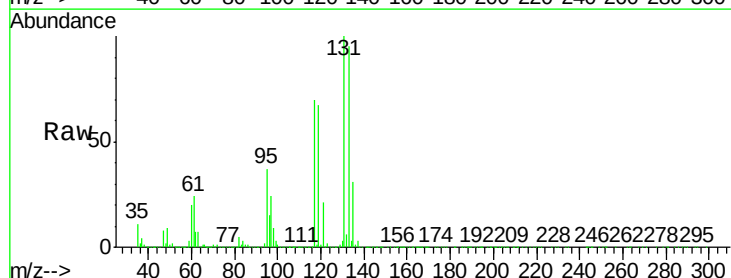
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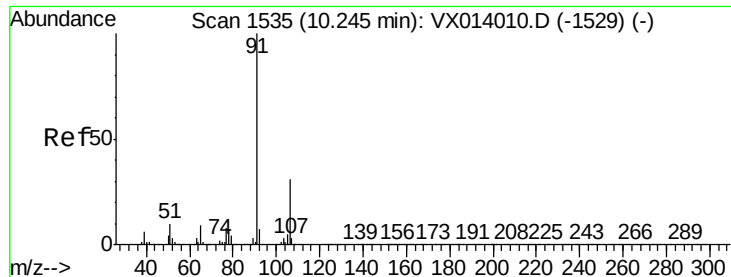
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#66
1,1,1,2-Tetrachloroethane
Concen: 50.423 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. 0.00 min
Lab File: VX014136.D
Acq: 19 Dec 2019 21:17

Tgt Ion	Ratio	Lower	Upper
131	100		
133	96.3	48.0	144.0
119	66.9	33.4	100.2





#67

Ethyl Benzene

Concen: 50.244 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX014136.D

Acq: 19 Dec 2019 21:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 1341774

Ion Ratio Lower Upper

91 100

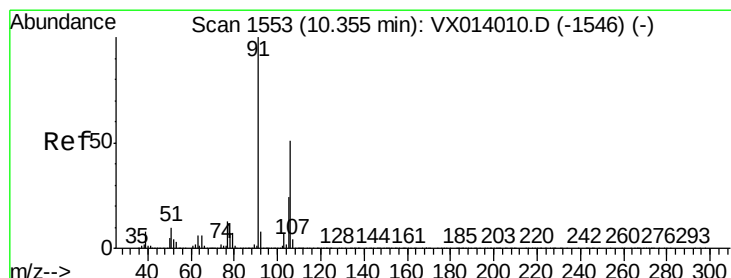
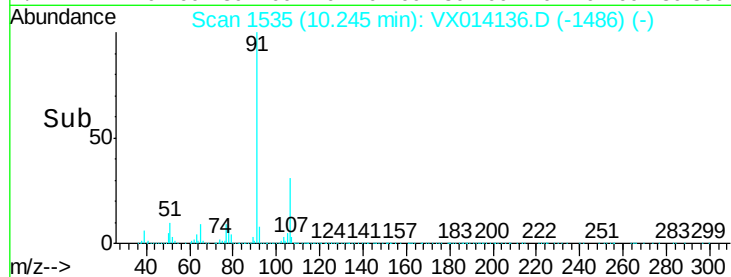
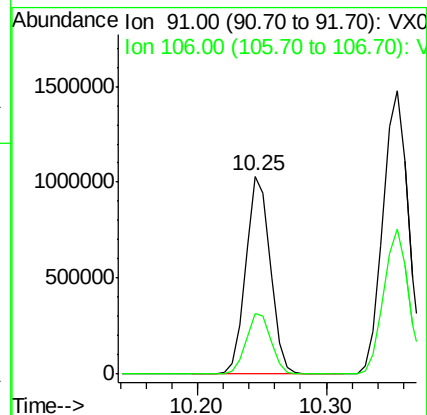
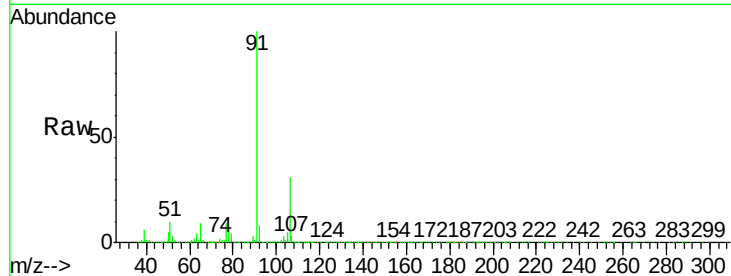
106 30.9 25.0 37.6

Manual Integrations

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#68

m/p-Xylenes

Concen: 98.649 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX014136.D

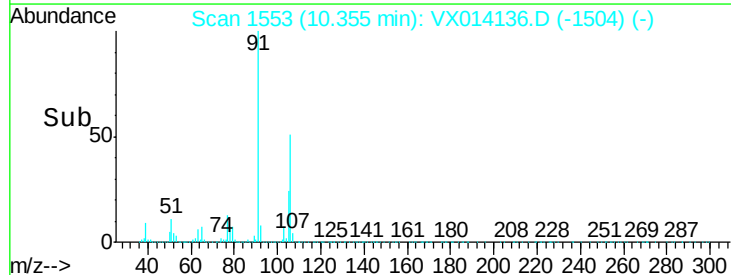
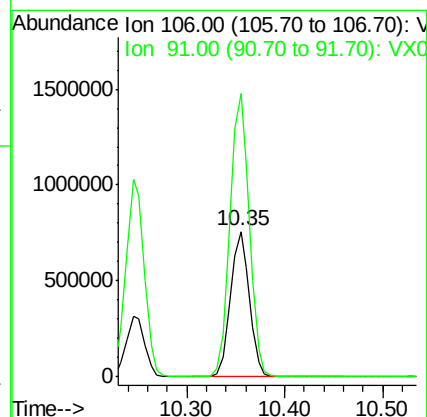
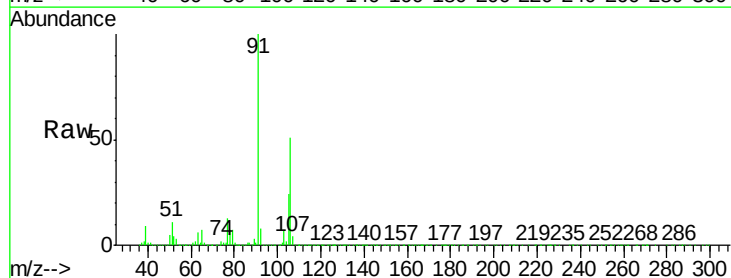
Acq: 19 Dec 2019 21:17

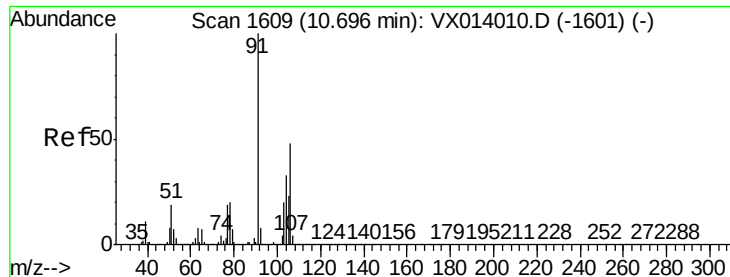
Tgt Ion: 106 Resp: 1013240

Ion Ratio Lower Upper

106 100

91 198.5 158.6 238.0





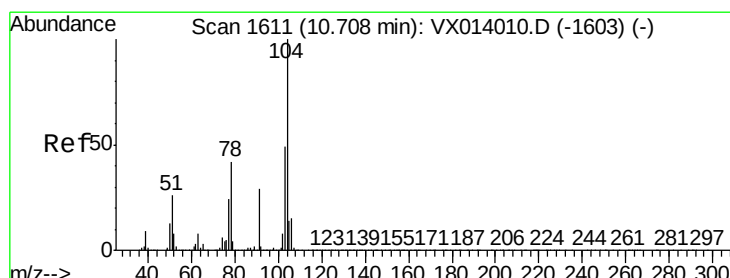
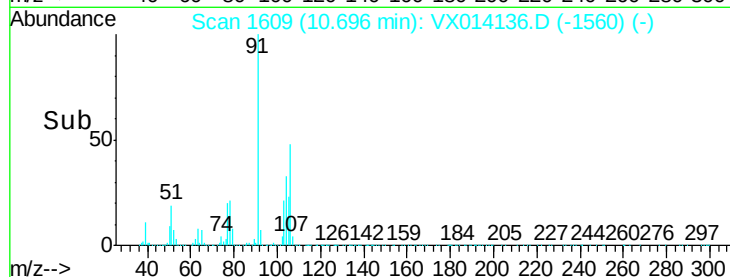
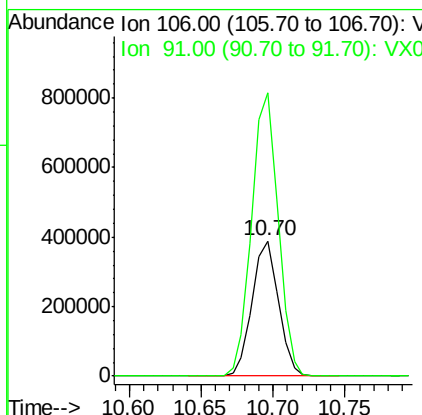
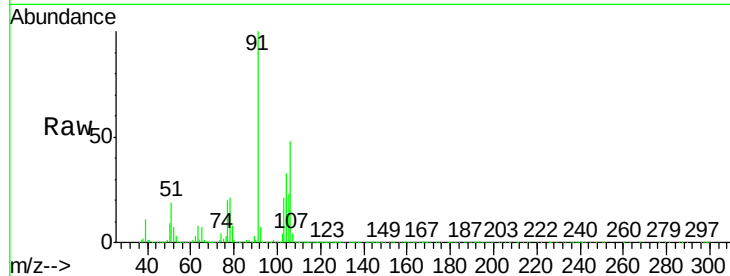
#69
o-Xylene
Concen: 48.680 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX014136.D
Acq: 19 Dec 2019 21:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:106 Resp: 490374
Ion Ratio Lower Upper
106 100
91 211.3 104.2 312.6

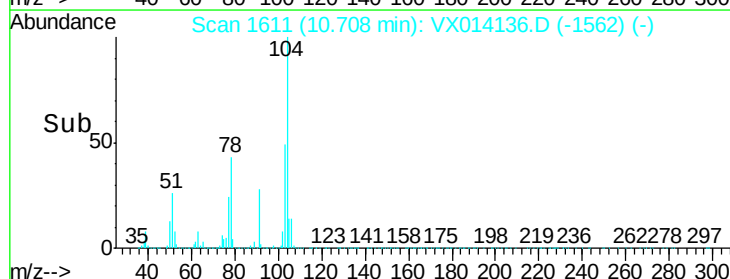
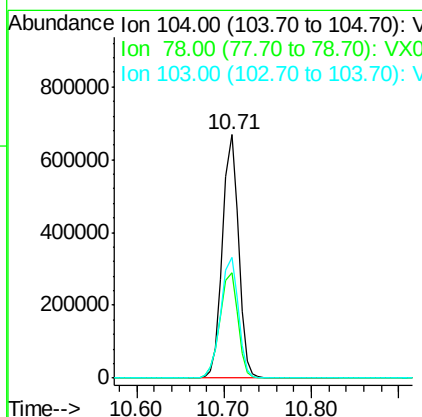
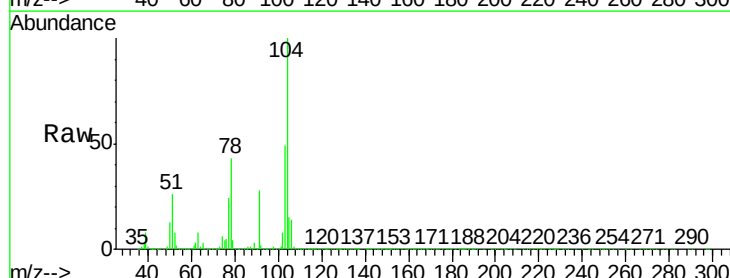
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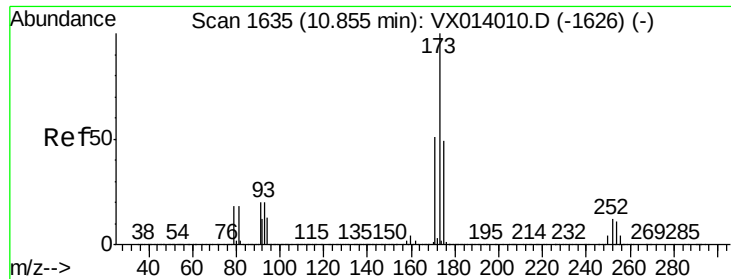
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#70
Styrene
Concen: 49.556 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX014136.D
Acq: 19 Dec 2019 21:17

Tgt Ion:104 Resp: 844139
Ion Ratio Lower Upper
104 100
78 48.7 38.5 57.7
103 54.6 42.9 64.3





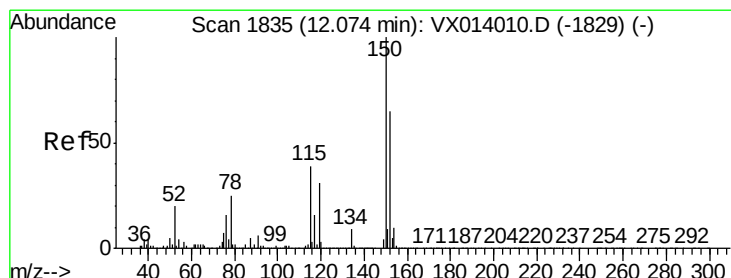
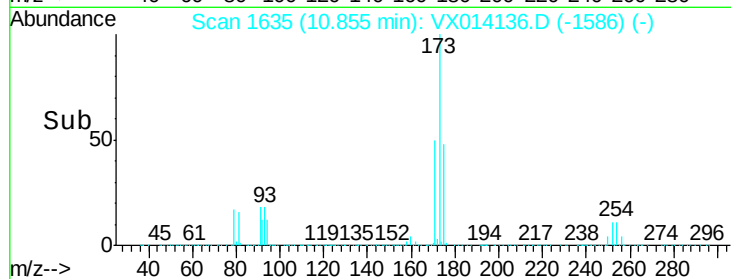
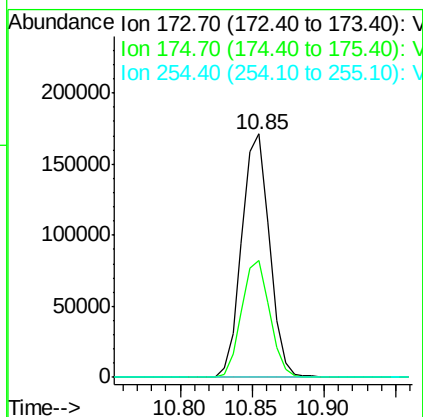
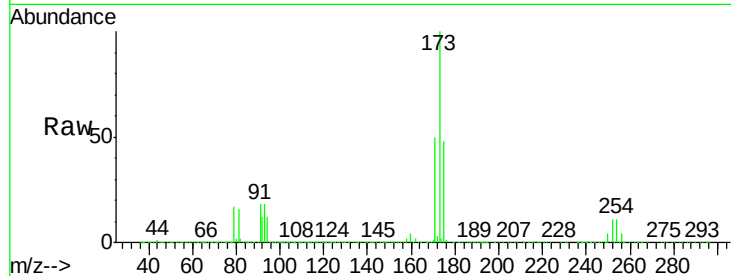
#71
Bromoform
Concen: 51.302 ug/l
RT: 10.85 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VX014136.D
Acq: 19 Dec 2019 21:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

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

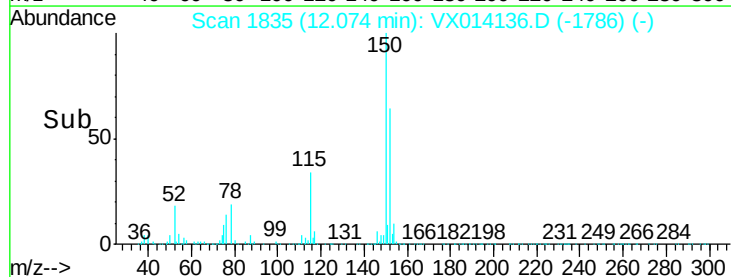
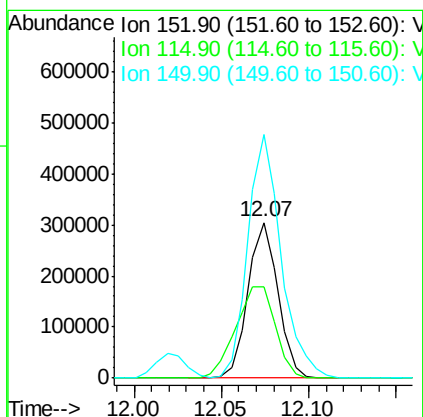
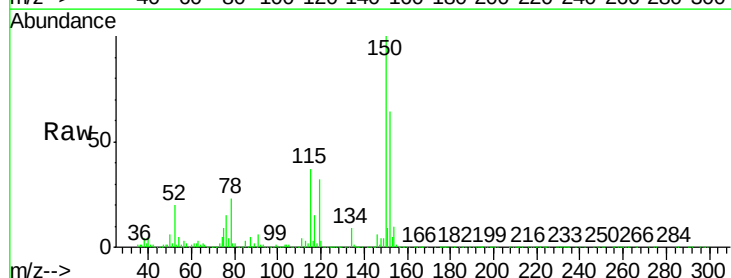
Manual Integrations
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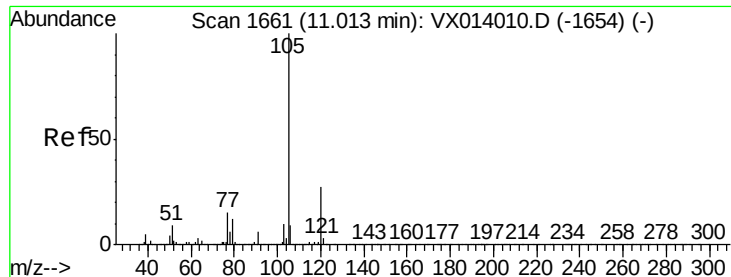
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX014136.D
Acq: 19 Dec 2019 21:17

Tgt Ion	Ratio	Lower	Upper
152	100		
115	77.8	38.3	114.9
150	173.8	0.0	345.4





#73

Isopropylbenzene

Concen: 51.101 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX014136.D

Acq: 19 Dec 2019 21:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 1304987

Ion Ratio Lower Upper

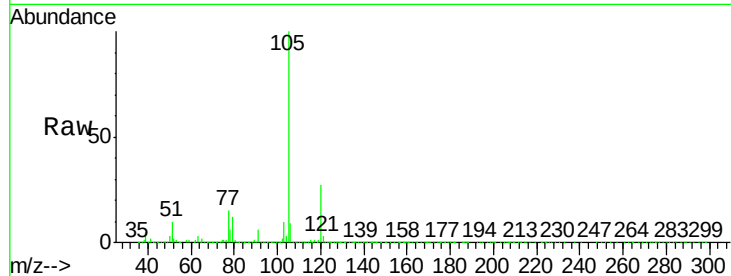
105 100

120 27.0 13.5 40.4

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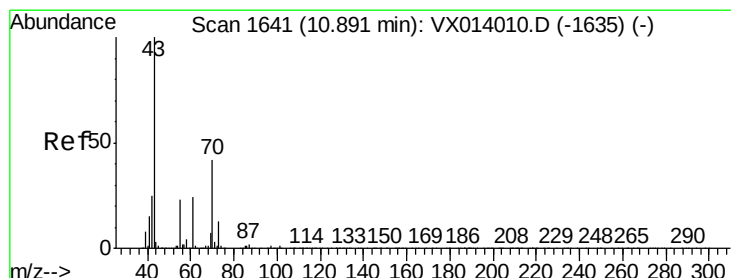
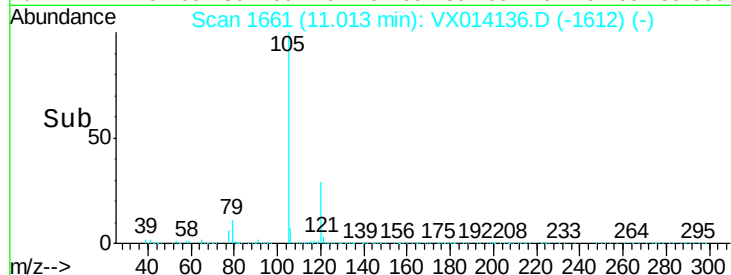
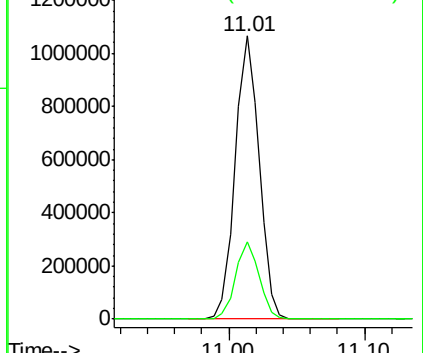
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 51.188 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX014136.D

Acq: 19 Dec 2019 21:17

Tgt Ion: 43 Resp: 612740

Ion Ratio Lower Upper

43 100

70 43.1 34.4 51.6

55 23.6 19.1 28.7

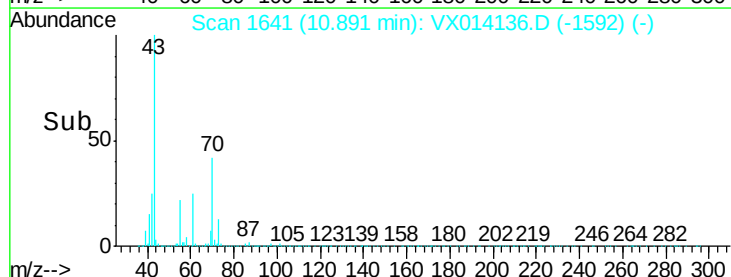
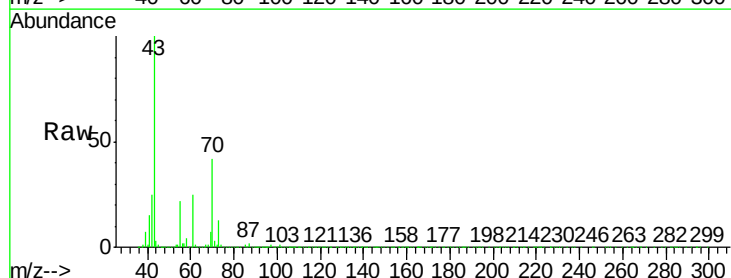
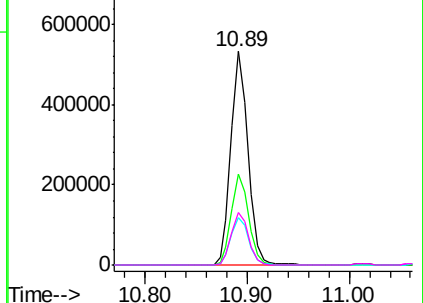
61 25.1 19.7 29.5

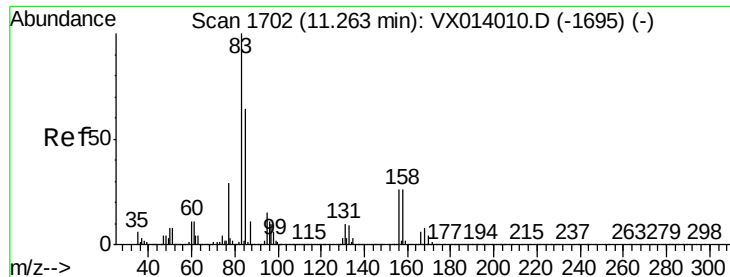
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 48.447 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX014136.D

Acq: 19 Dec 2019 21:17

Instrument :

MSVOA_X

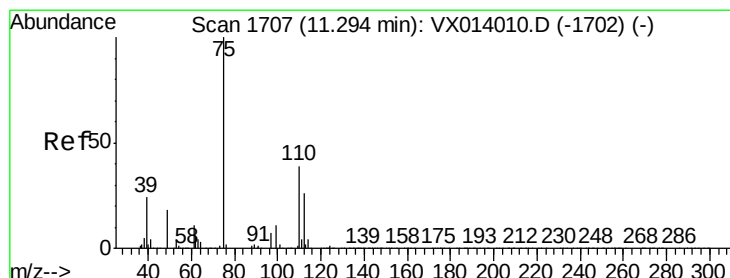
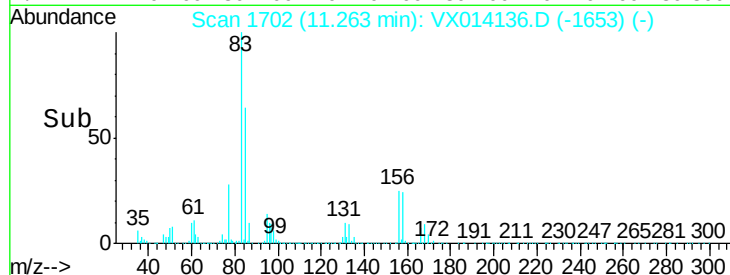
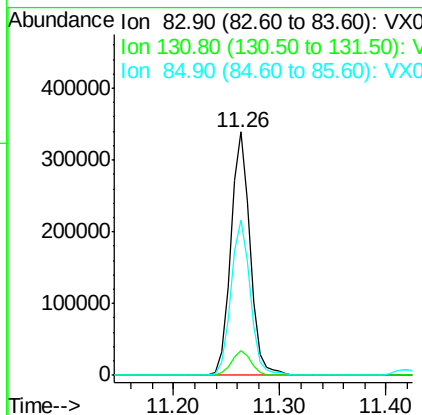
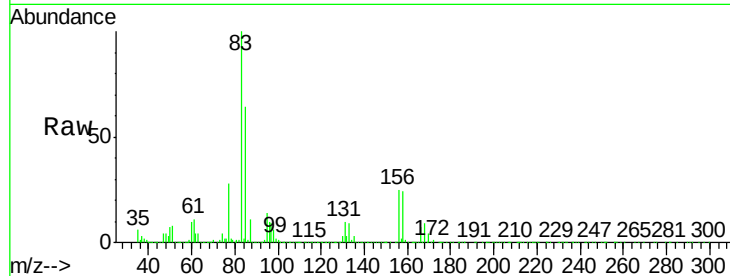
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	428931
Ion Ratio	Lower	Upper	
83	100		
131	10.4	5.1	15.2
85	64.3	31.9	95.7

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#76

1,2,3-Trichloropropane

Concen: 45.104 ug/l m

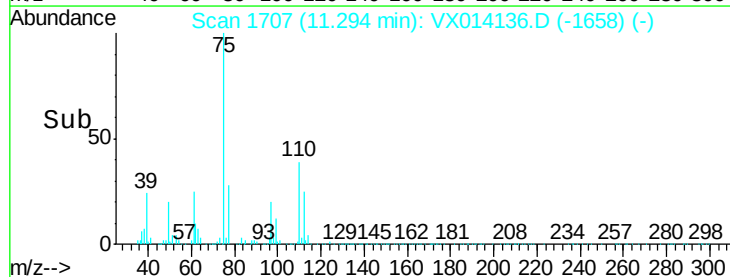
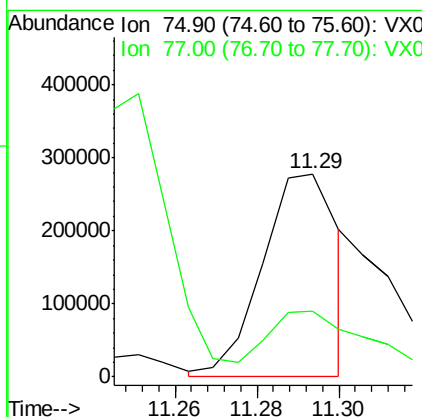
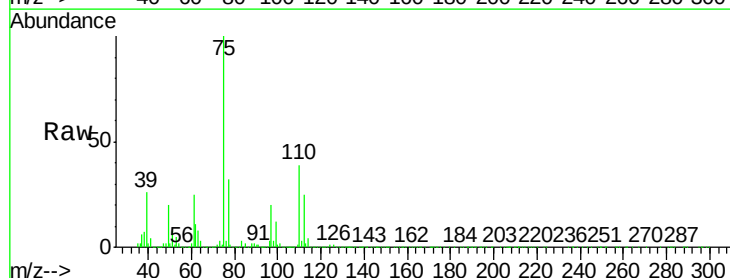
RT: 11.29 min Scan# 1707

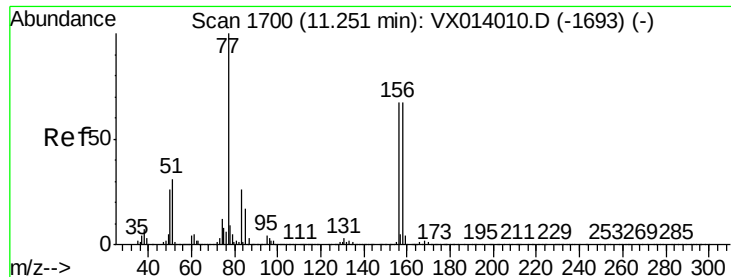
Delta R.T. 0.00 min

Lab File: VX014136.D

Acq: 19 Dec 2019 21:17

Tgt Ion:	75	Resp:	355163
Ion Ratio	Lower	Upper	
75	100		
77	43.8	19.3	57.8





#77

Bromobenzene

Concen: 48.370 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX014136.D

Acq: 19 Dec 2019 21:17

Instrument :

MSVOA_X

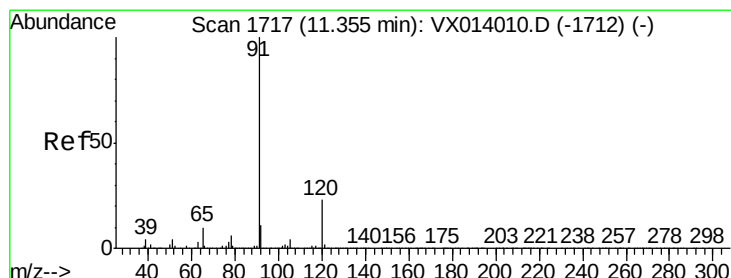
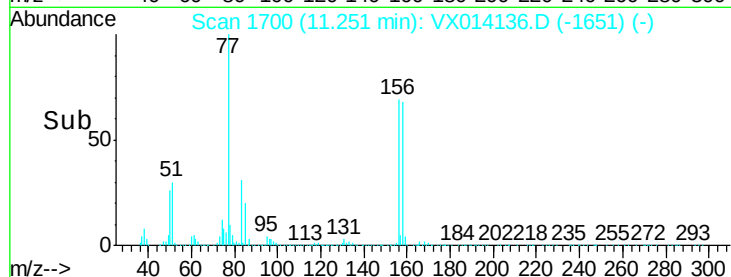
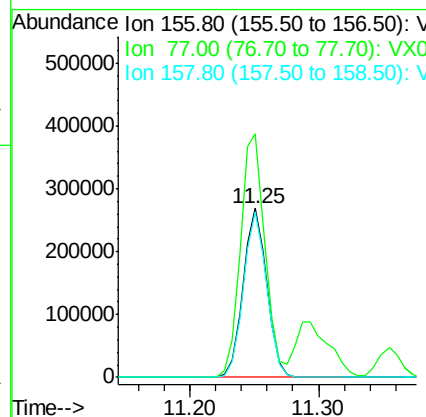
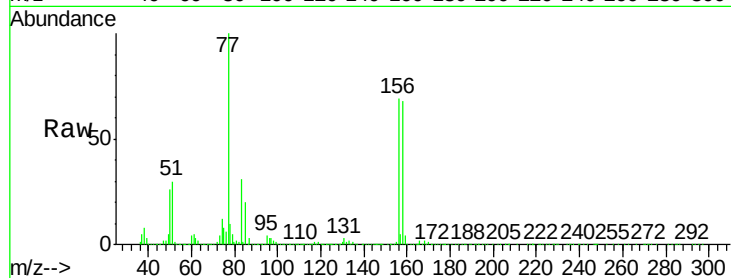
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	339863
Ion Ratio	Lower	Upper	
156	100		
77	151.1	76.5	229.5
158	96.7	49.3	147.9

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#78

n-propylbenzene

Concen: 51.459 ug/l

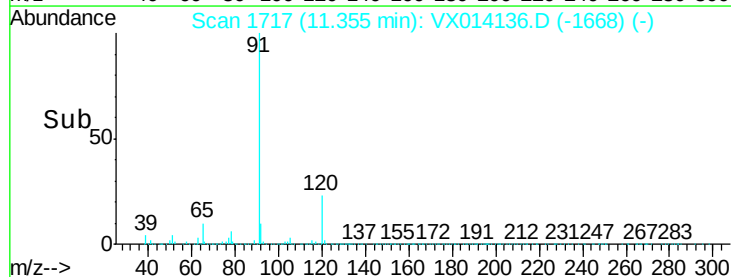
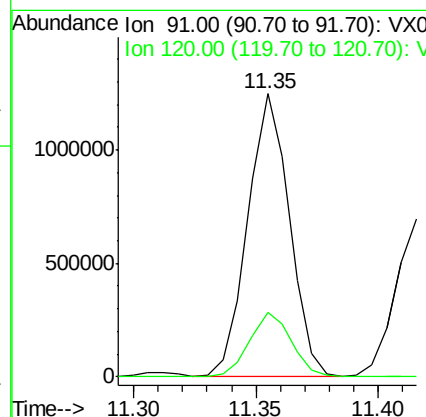
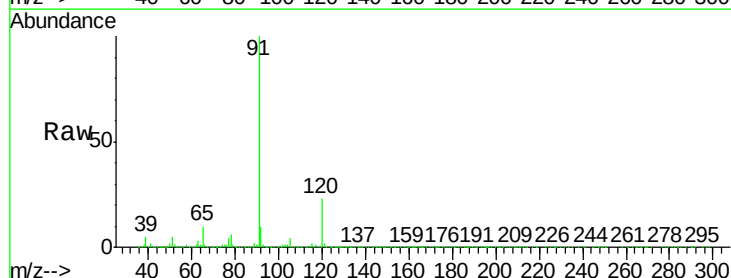
RT: 11.35 min Scan# 1717

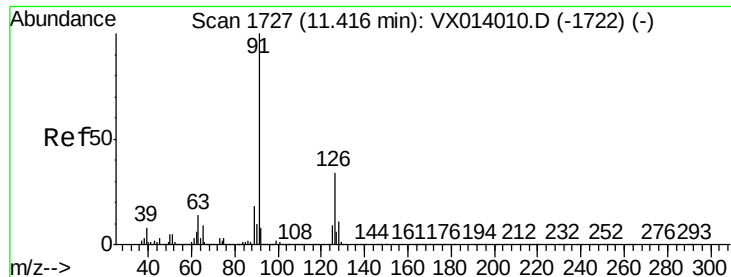
Delta R.T. 0.00 min

Lab File: VX014136.D

Acq: 19 Dec 2019 21:17

Tgt Ion:	91	Resp:	1474025
Ion Ratio	Lower	Upper	
91	100		
120	23.1	11.7	35.0





#79

2-Chlorotoluene

Concen: 49.755 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX014136.D

Acq: 19 Dec 2019 21:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 866356

Ion Ratio Lower Upper

91 100

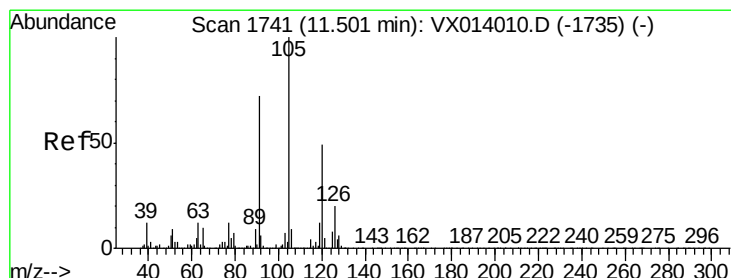
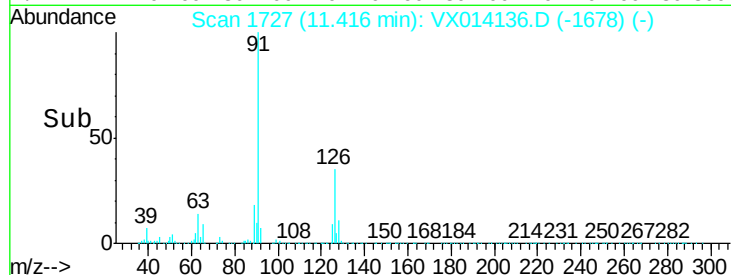
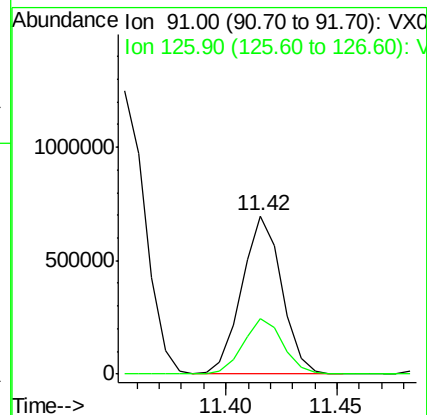
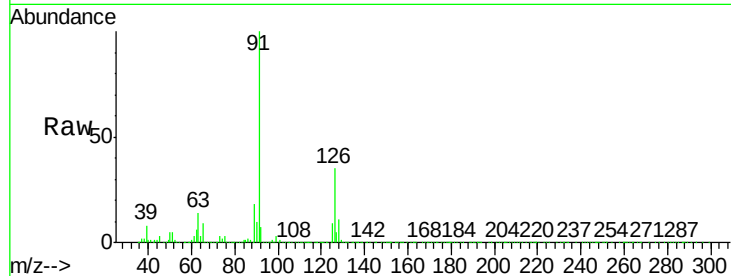
126 35.2 17.2 51.6

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#80

1,3,5-Trimethylbenzene

Concen: 49.870 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX014136.D

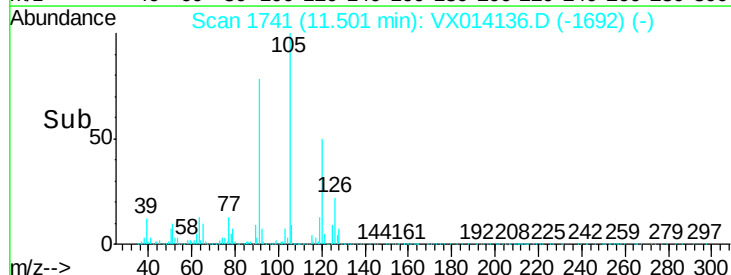
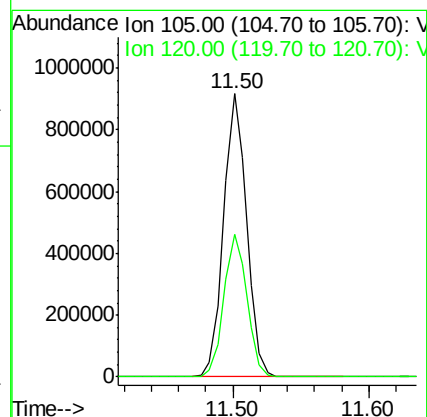
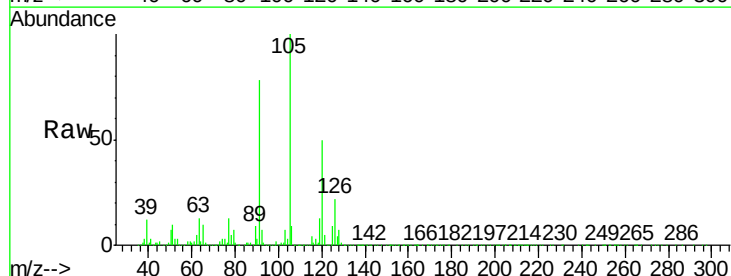
Acq: 19 Dec 2019 21:17

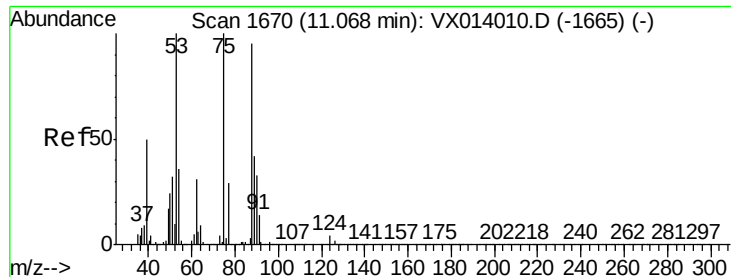
Tgt Ion: 105 Resp: 1071830

Ion Ratio Lower Upper

105 100

120 50.4 25.3 75.8





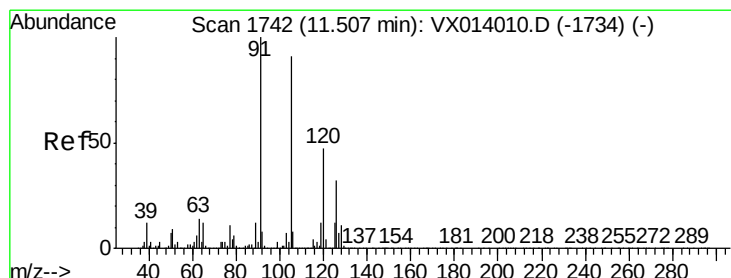
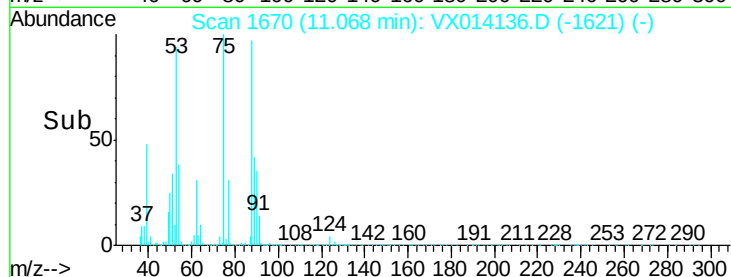
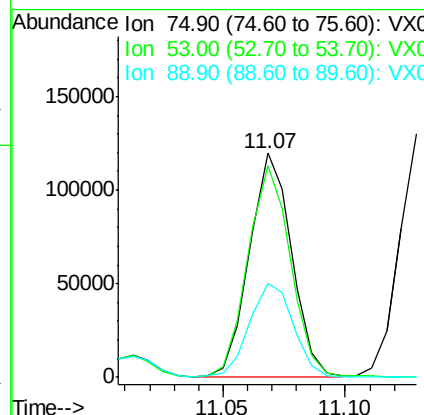
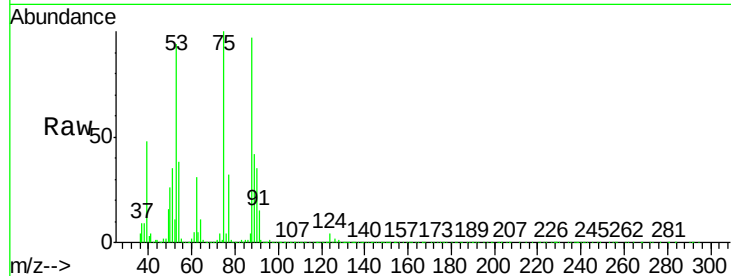
#81
trans-1,4-Dichloro-2-butene
Concen: 51.404 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX014136.D
Acq: 19 Dec 2019 21:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	95.8	76.7	115.1
89	44.6	34.6	51.8

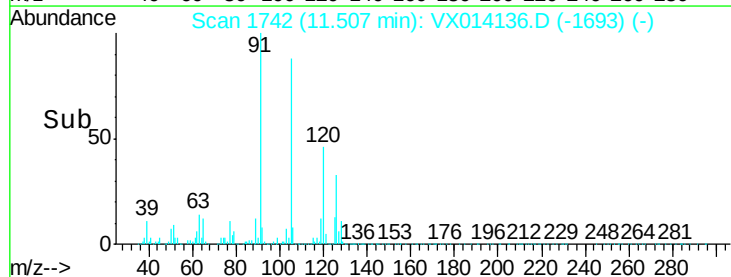
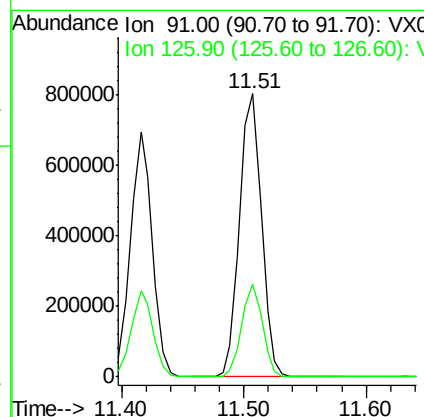
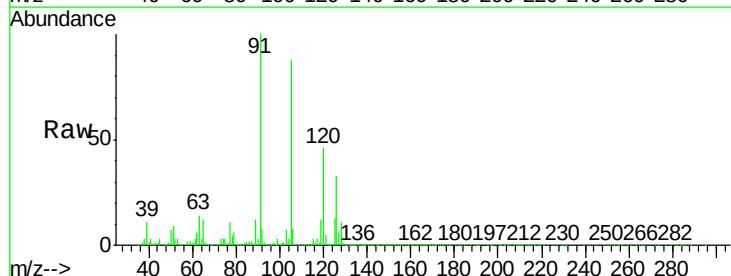
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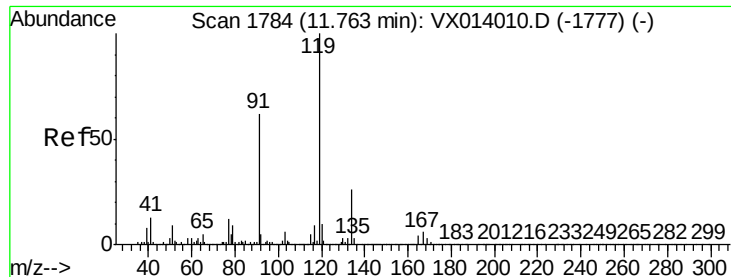
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#82
4-Chlorotoluene
Concen: 49.218 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX014136.D
Acq: 19 Dec 2019 21:17

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.0	15.6	46.8





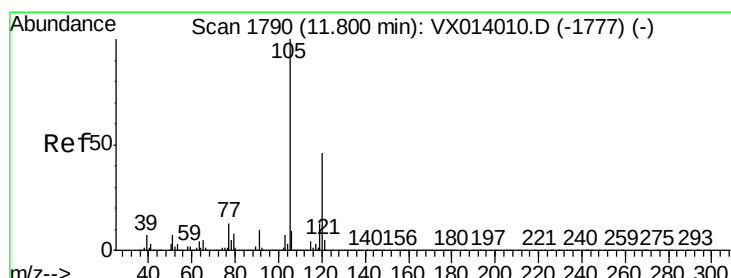
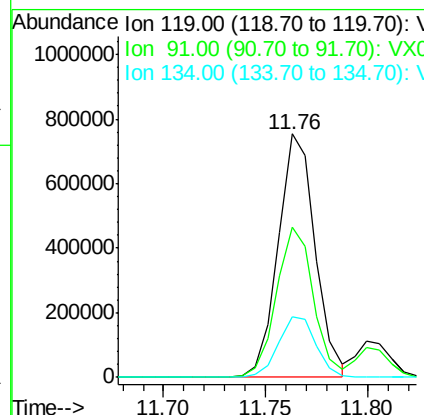
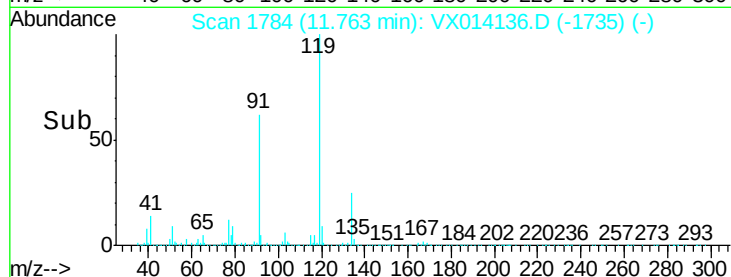
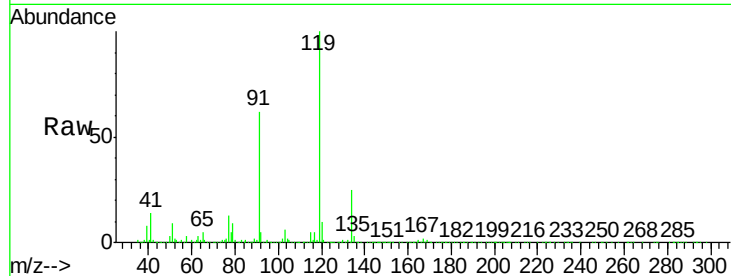
#83
 tert-Butylbenzene
 Concen: 45.562 ug/l
 RT: 11.76 min Scan# 1784
 Delta R.T. 0.00 min
 Lab File: VX014136.D
 Acq: 19 Dec 2019 21:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	61.6	28.5	85.6
134	25.4	12.2	36.6

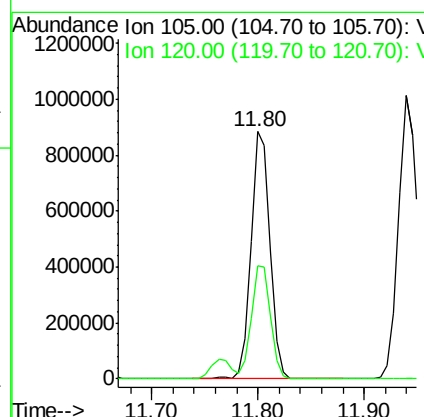
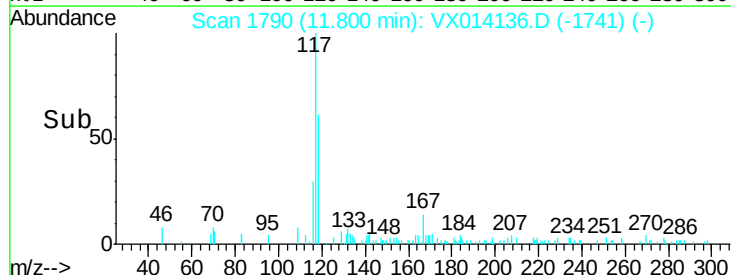
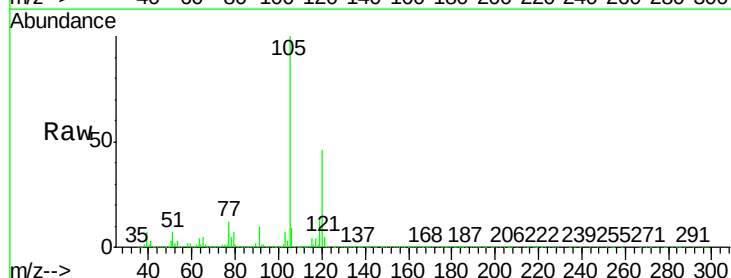
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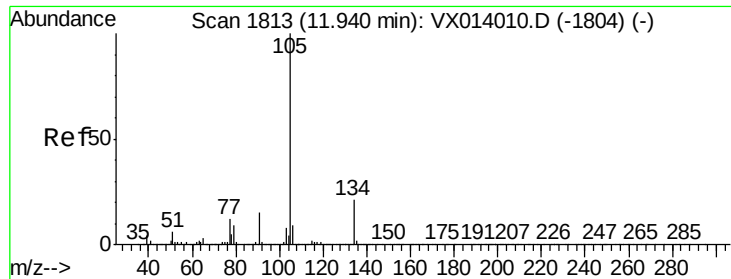
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#84
 1,2,4-Trimethylbenzene
 Concen: 51.215 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. 0.00 min
 Lab File: VX014136.D
 Acq: 19 Dec 2019 21:17

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.1	23.1	69.2





#85

sec-Butylbenzene

Concen: 50.347 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX014136.D

Acq: 19 Dec 2019 21:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 1243146

Ion Ratio Lower Upper

105 100

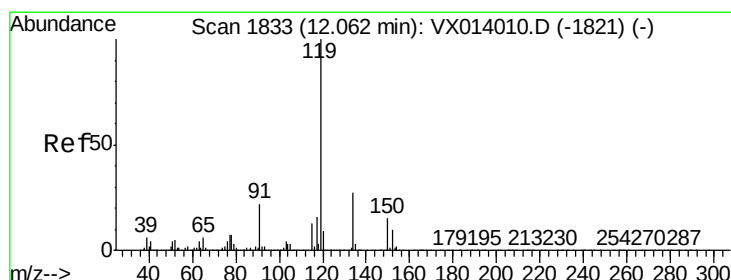
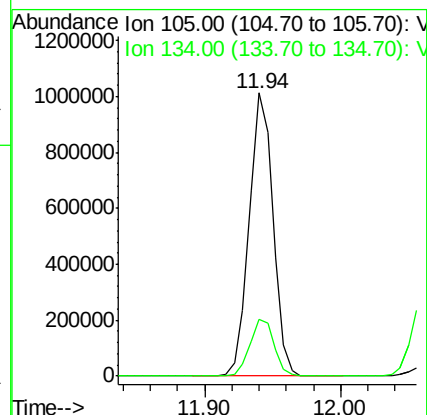
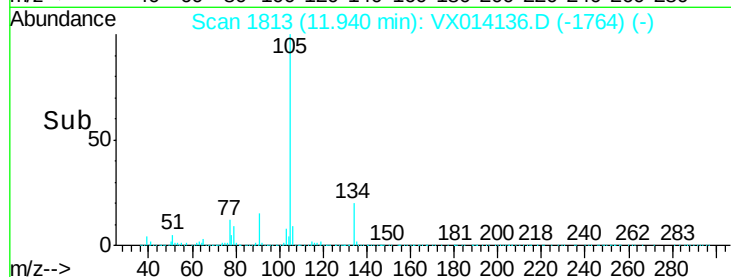
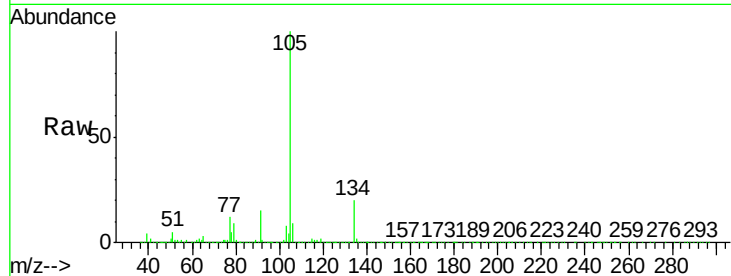
134 20.6 10.4 31.1

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#86

p-Isopropyltoluene

Concen: 50.442 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX014136.D

Acq: 19 Dec 2019 21:17

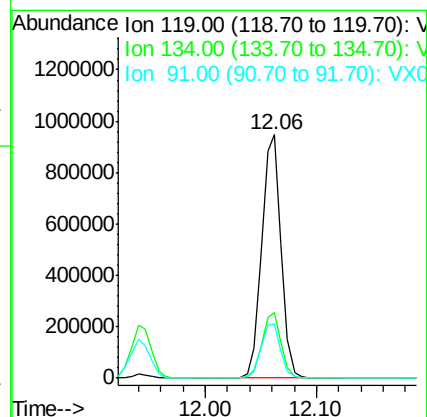
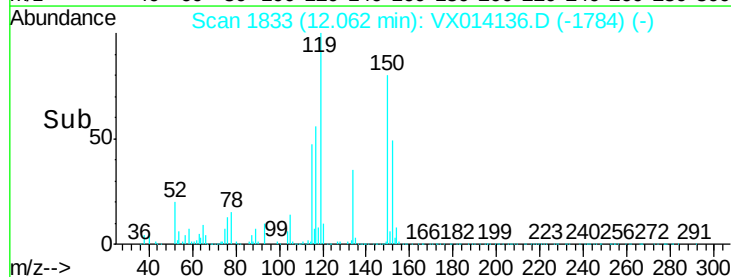
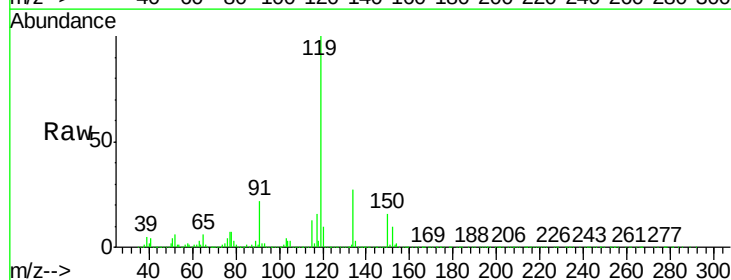
Tgt Ion:119 Resp: 1139291

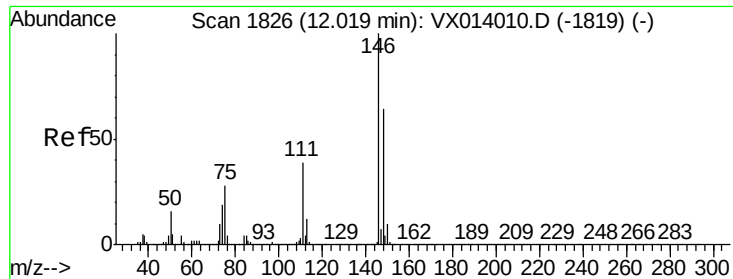
Ion Ratio Lower Upper

119 100

134 26.8 13.4 40.1

91 22.6 11.4 34.1





#87

1,3-Dichlorobenzene

Concen: 48.265 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VX014136.D

Acq: 19 Dec 2019 21:17

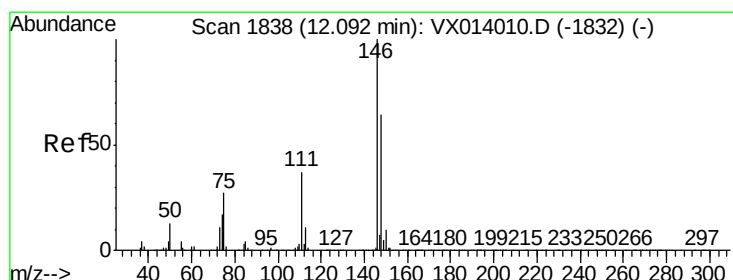
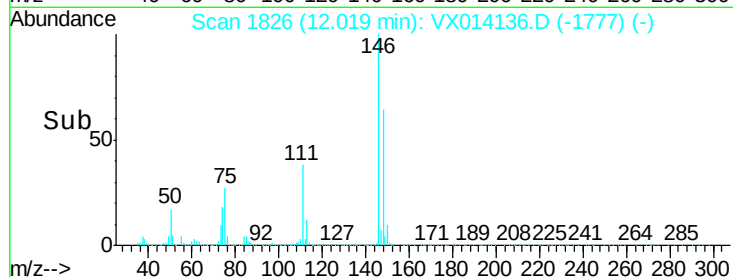
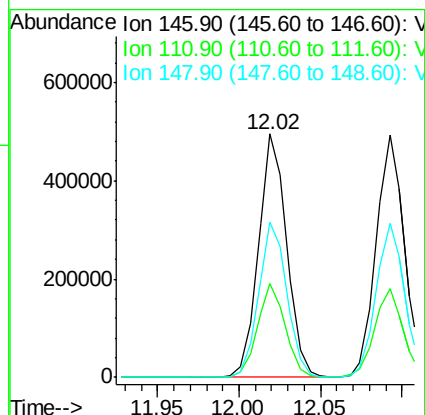
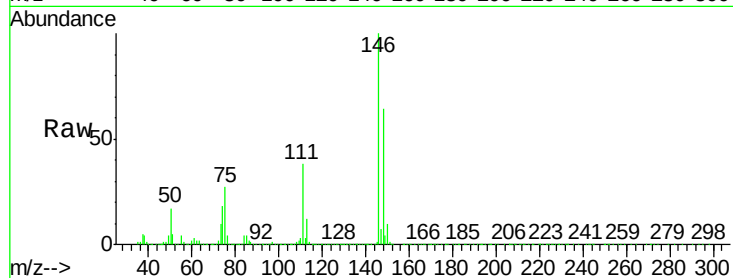
Instrument :
MSVOA_X

ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.9	19.1	57.1
148	63.8	32.3	96.9

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#88

1,4-Dichlorobenzene

Concen: 47.452 ug/l

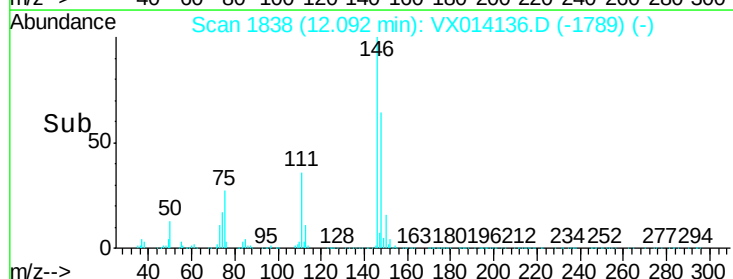
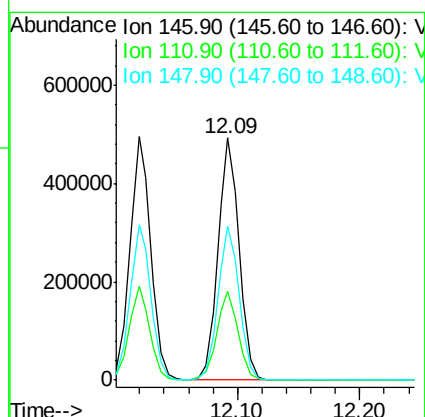
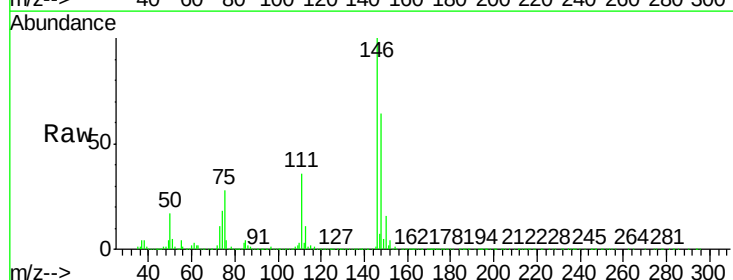
RT: 12.09 min Scan# 1838

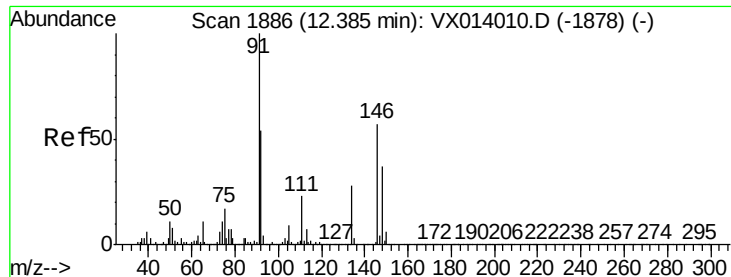
Delta R.T. 0.00 min

Lab File: VX014136.D

Acq: 19 Dec 2019 21:17

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.6	18.7	56.1
148	64.0	31.9	95.9





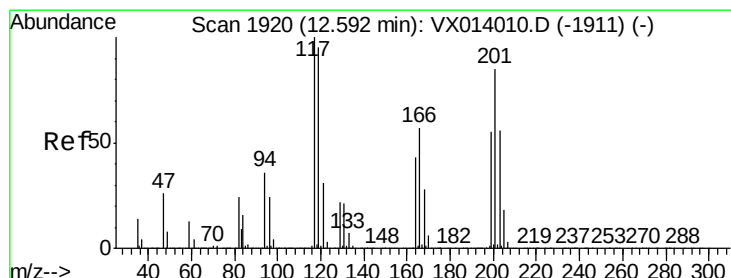
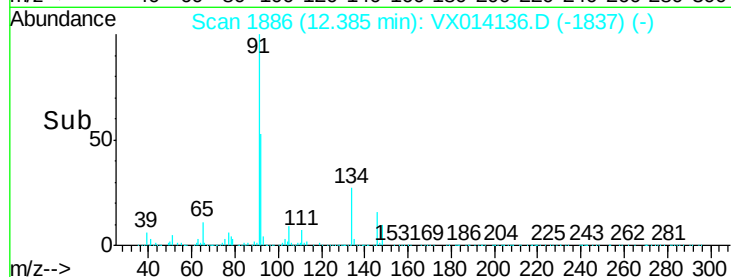
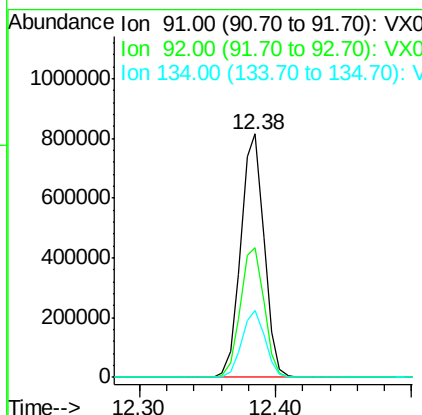
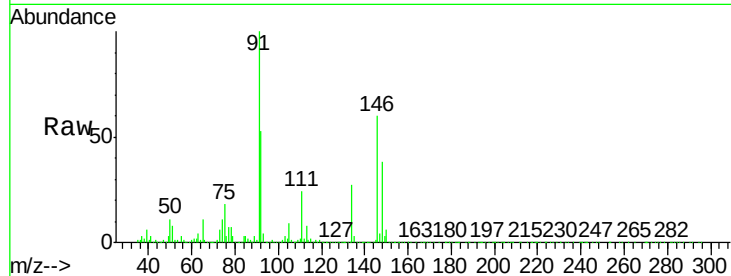
#89
n-Butylbenzene
Concen: 50.389 ug/l
RT: 12.38 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX014136.D
Acq: 19 Dec 2019 21:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.7	27.2	81.6
134	27.3	13.4	40.1

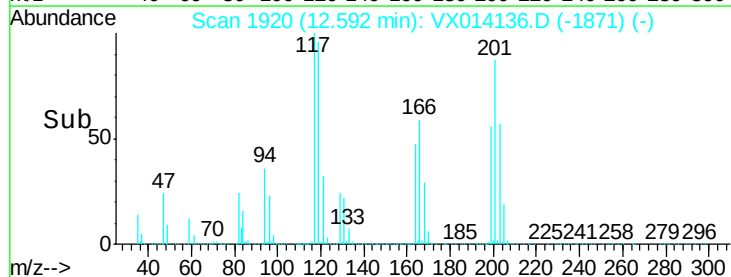
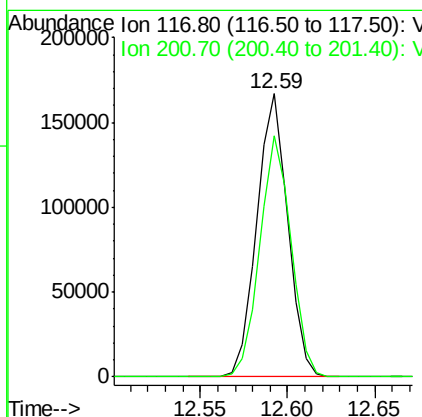
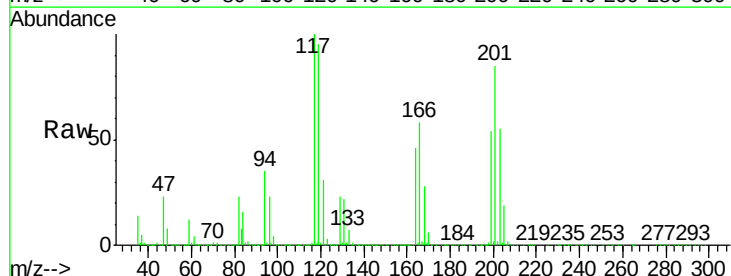
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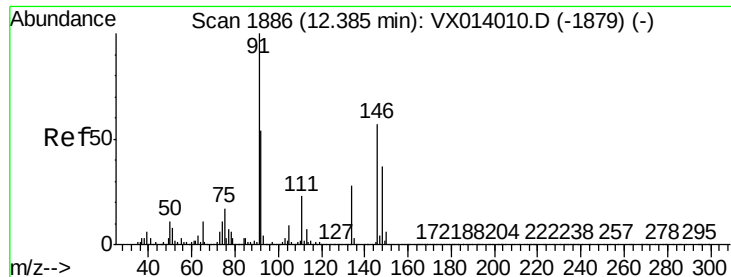
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#90
Hexachloroethane
Concen: 50.595 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX014136.D
Acq: 19 Dec 2019 21:17

Tgt Ion	Ratio	Lower	Upper
117	100		
201	86.0	43.1	129.3





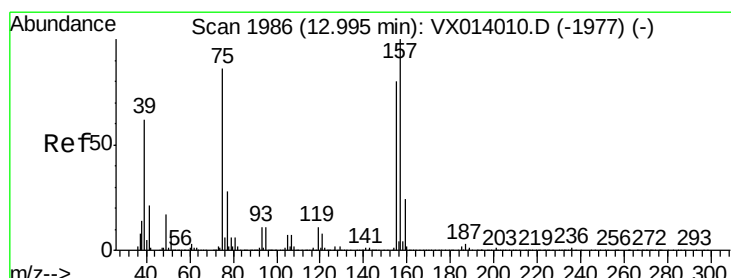
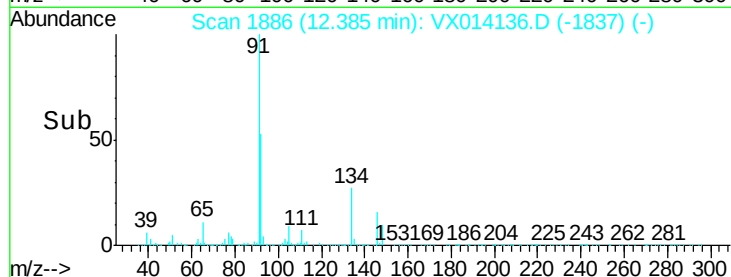
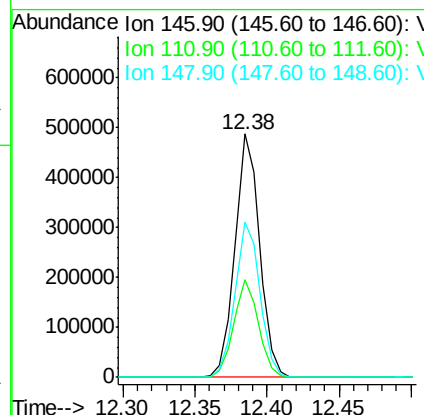
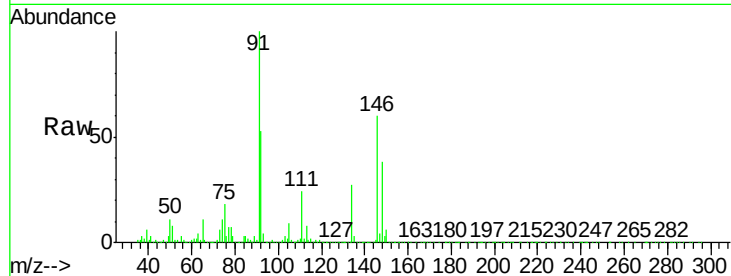
#91
 1,2-Dichlorobenzene
 Concen: 47.566 ug/l
 RT: 12.38 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX014136.D
 Acq: 19 Dec 2019 21:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.1	19.7	59.1
148	64.6	32.1	96.5

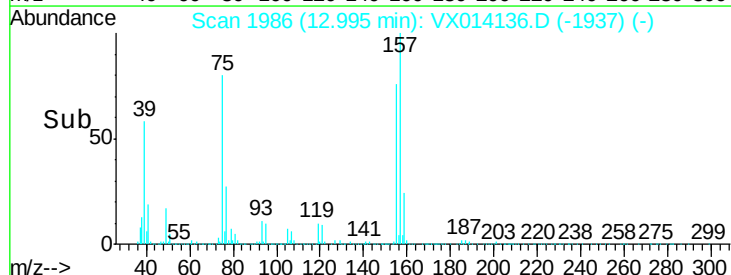
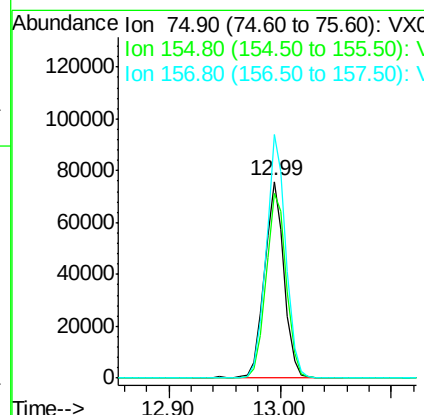
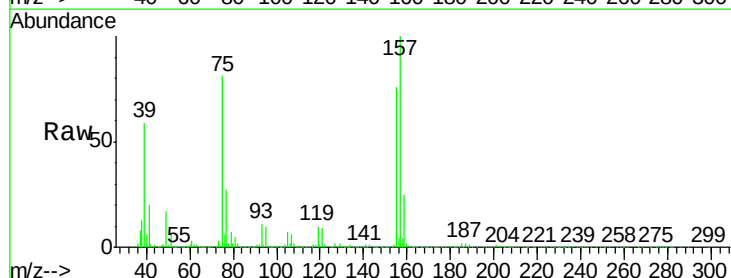
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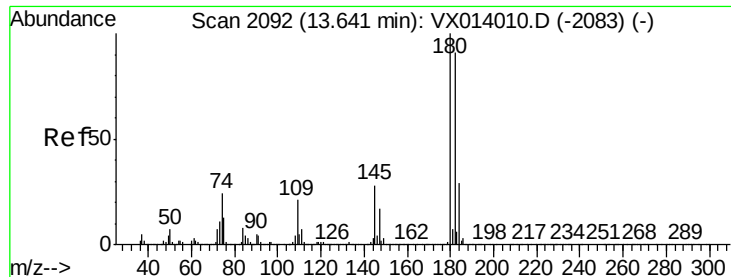
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 47.635 ug/l
 RT: 12.99 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX014136.D
 Acq: 19 Dec 2019 21:17

Tgt Ion	Ratio	Lower	Upper
75	100		
155	97.0	46.9	140.6
157	123.4	60.8	182.4





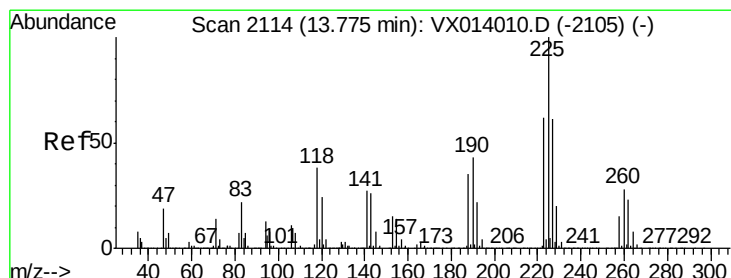
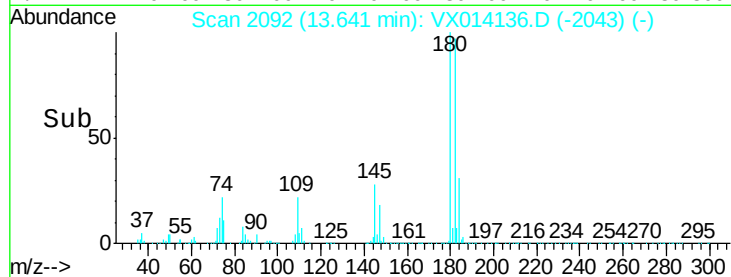
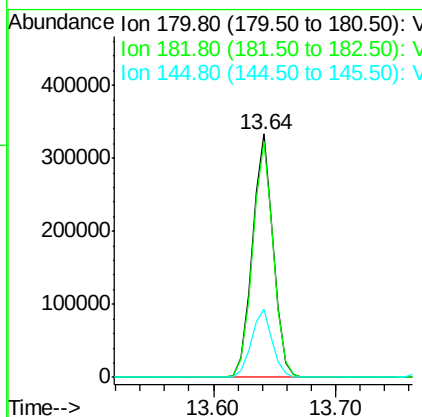
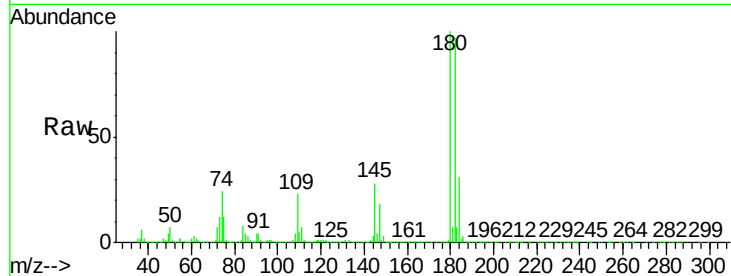
#93
1,2,4-Trichlorobenzene
Concen: 49.010 ug/l
RT: 13.64 min Scan# 2092
Delta R.T. 0.00 min
Lab File: VX014136.D
Acq: 19 Dec 2019 21:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	394880		
182	97.2	46.6	139.8	
145	27.8	14.2	42.6	

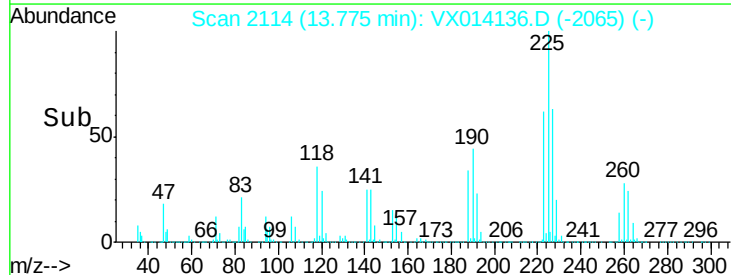
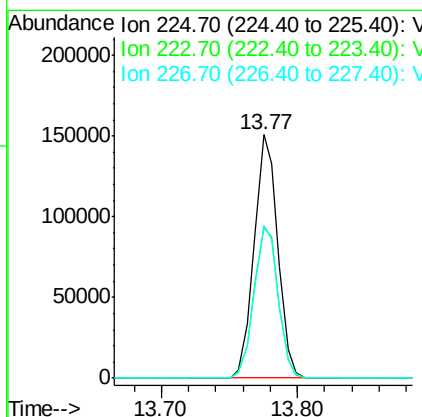
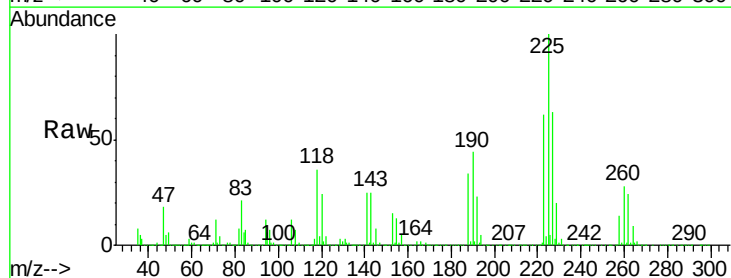
Manual Integrations
APPROVED

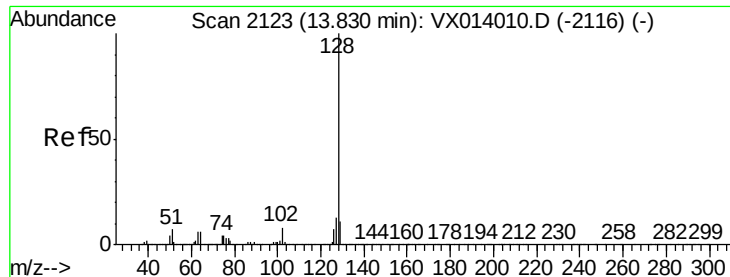
apatel
12/20/2019 10:24:42 AM



#94
Hexachlorobutadiene
Concen: 47.607 ug/l
RT: 13.77 min Scan# 2114
Delta R.T. 0.00 min
Lab File: VX014136.D
Acq: 19 Dec 2019 21:17

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	184346		
223	64.0	30.9	92.5	
227	63.8	30.9	92.7	





#95

Naphthalene

Concen: 53.079 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. 0.00 min

Lab File: VX014136.D

Acq: 19 Dec 2019 21:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:128 Resp: 1256489

Ion Ratio Lower Upper

128 100

127 12.7 10.2 15.4

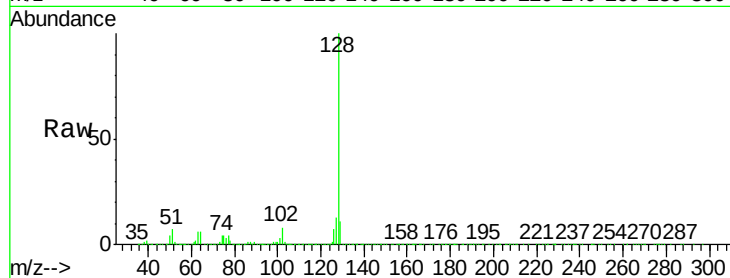
129 11.0 8.7 13.1

Manual Integrations

APPROVED

apatel

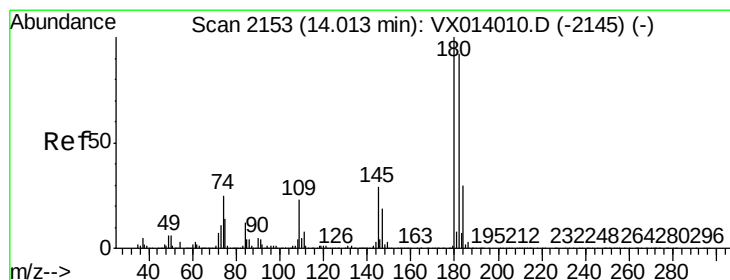
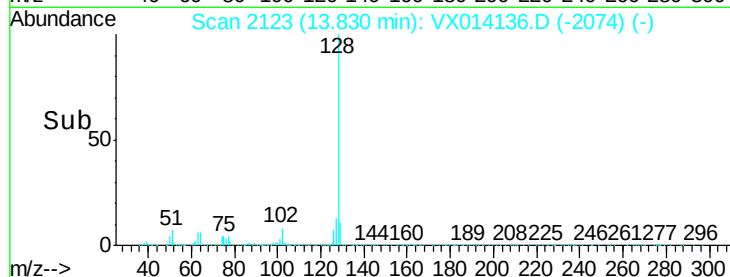
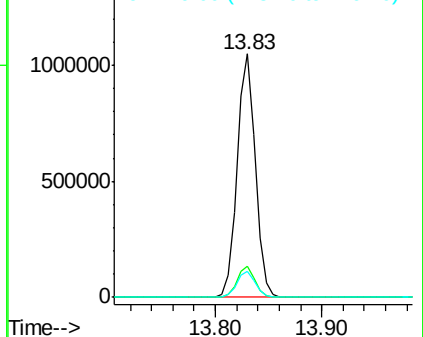
12/20/2019 10:24:42 AM



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 49.639 ug/l

RT: 14.01 min Scan# 2153

Delta R.T. 0.00 min

Lab File: VX014136.D

Acq: 19 Dec 2019 21:17

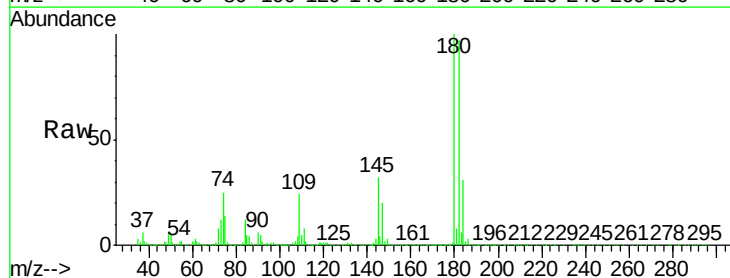
Tgt Ion:180 Resp: 394804

Ion Ratio Lower Upper

180 100

182 96.5 46.8 140.3

145 31.1 14.8 44.4



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

