

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX122619\
 Data File : VX014286.D
 Acq On : 26 Dec 2019 21:47
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
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 12/27/2019 12:03:19 PM

Quant Time: Dec 27 07:38:45 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	469227	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	743175	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	671698	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	334843	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	275334	51.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.54%	
35) Dibromofluoromethane	5.48	113	229198	50.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.46%	
50) Toluene-d8	8.71	98	872152	49.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.18%	
62) 4-Bromofluorobenzene	11.13	95	309930	48.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.42%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	194037	46.223	ug/l	99
3) Chloromethane	1.32	50	274234	48.679	ug/l	99
4) Vinyl Chloride	1.40	62	295123	49.647	ug/l	99
5) Bromomethane	1.63	94	181093	42.922	ug/l	99
6) Chloroethane	1.72	64	190735	51.988	ug/l	93
7) Trichlorofluoromethane	1.92	101	380994	51.775	ug/l	100
8) Diethyl Ether	2.18	74	177368	51.358	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	232072	52.318	ug/l	99
10) Methyl Iodide	2.50	142	281338	48.194	ug/l	99
11) Tert butyl alcohol	3.03	59	274056	238.495	ug/l	99
12) 1,1-Dichloroethene	2.37	96	233181	51.661	ug/l	98
13) Acrolein	2.28	56	176706	268.638	ug/l	99
14) Allyl chloride	2.72	41	427827	53.087	ug/l	99
15) Acrylonitrile	3.13	53	753921	281.094	ug/l	99
16) Acetone	2.43	43	618656	179.188	ug/l	99
17) Carbon Disulfide	2.56	76	583711	46.634	ug/l	100
18) Methyl Acetate	2.76	43	386630	56.513	ug/l	97
19) Methyl tert-butyl Ether	3.19	73	807813	54.464	ug/l	99
20) Methylene Chloride	2.85	84	274228	50.439	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	248395	49.952	ug/l	95
22) Diisopropyl ether	3.84	45	911278	56.744	ug/l	97
23) Vinyl Acetate	3.80	43	3820815	291.542	ug/l	99
24) 1,1-Dichloroethane	3.69	63	474931	53.154	ug/l	100
25) 2-Butanone	4.65	43	1026568	241.172	ug/l	99
26) 2,2-Dichloropropane	4.58	77	319012	45.986	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	294000	52.278	ug/l	99
28) Bromochloromethane	5.00	49	189926	55.224	ug/l	98
29) Tetrahydrofuran	5.11	42	677342	284.500	ug/l	98
30) Chloroform	5.20	83	460967	54.423	ug/l	99
31) Cyclohexane	5.58	56	419707	52.815	ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	380592	52.722	ug/l	100
36) 1,1-Dichloropropene	5.79	75	343099	50.315	ug/l	99
37) Ethyl Acetate	4.82	43	406838	54.028	ug/l	99
38) Carbon Tetrachloride	5.78	117	321993	51.833	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	414933	49.280	ug/l	100
40) Benzene	6.14	78	1081103	51.527	ug/l	100
41) Methacrylonitrile	5.03	41	228588	54.711	ug/l	98
42) 1,2-Dichloroethane	6.19	62	369945	52.016	ug/l	99
43) Isopropyl Acetate	6.44	43	666852	53.511	ug/l	99
44) Trichloroethene	7.21	130	285691	49.297	ug/l	96
45) 1,2-Dichloropropane	7.51	63	285587	53.106	ug/l	97
46) Dibromomethane	7.65	93	181782	51.127	ug/l	97
47) Bromodichloromethane	7.89	83	357506	53.389	ug/l	99
48) Methyl methacrylate	7.76	41	327003	53.587	ug/l	99
49) 1,4-Dioxane	7.73	88	117046	942.523	ug/l	100
51) 4-Methyl-2-Pentanone	8.64	43	2084638	266.360	ug/l	100
52) Toluene	8.78	92	677441	51.083	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	389061	52.988	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	429873	52.552	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	276894	52.095	ug/l	99
56) Ethyl methacrylate	9.17	69	448223	53.684	ug/l	100
57) 1,3-Dichloropropane	9.37	76	471977	52.778	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	841850	266.438	ug/l	100
59) 2-Hexanone	9.48	43	1575855	250.126	ug/l	99
60) Dibromochloromethane	9.57	129	289074	54.715	ug/l	99
61) 1,2-Dibromoethane	9.67	107	286011	52.593	ug/l	100
64) Tetrachloroethene	9.33	164	292312	49.180	ug/l	98
65) Chlorobenzene	10.14	112	727303	50.925	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	267109	52.380	ug/l	100
67) Ethyl Benzene	10.25	91	1268668	51.668	ug/l	100
68) m/p-Xylenes	10.36	106	971344	102.855	ug/l	99
69) o-Xylene	10.70	106	474963	51.280	ug/l	99
70) Styrene	10.71	104	804639	51.375	ug/l	99
71) Bromoform	10.85	173	217947	53.169	ug/l #	100
73) Isopropylbenzene	11.01	105	1256265	53.287	ug/l	100
74) N-amyl acetate	10.89	43	575128	52.044	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	430494	52.670	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	399330m	54.933	ug/l	
77) Bromobenzene	11.25	156	322759	49.759	ug/l	99
78) n-propylbenzene	11.35	91	1401726	53.007	ug/l	100
79) 2-Chlorotoluene	11.42	91	832559	51.793	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	1026249	51.723	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	131703	51.137	ug/l	99
82) 4-Chlorotoluene	11.51	91	947281	50.803	ug/l	99
83) tert-Butylbenzene	11.76	119	1025228	53.096	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	1029539	51.814	ug/l	99
85) sec-Butylbenzene	11.94	105	1199710	52.631	ug/l	100
86) p-Isopropyltoluene	12.06	119	1094737	52.503	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	567021	49.878	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	558039	48.276	ug/l	99
89) n-Butylbenzene	12.39	91	926441	52.072	ug/l	100
90) Hexachloroethane	12.59	117	192852	51.493	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	571448	49.934	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	87303	48.268	ug/l	97

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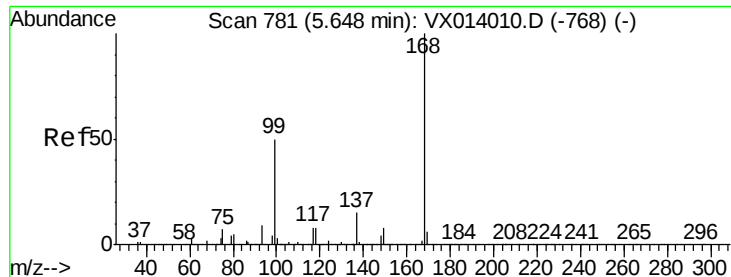
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	374885	50.401	ug/l	99
94) Hexachlorobutadiene	13.78	225	172817	48.344	ug/l	97
95) Naphthalene	13.83	128	1163508	53.241	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	373916	50.925	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX014286.D

Acq: 26 Dec 2019 21:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 469227

Ion Ratio Lower Upper

168 100

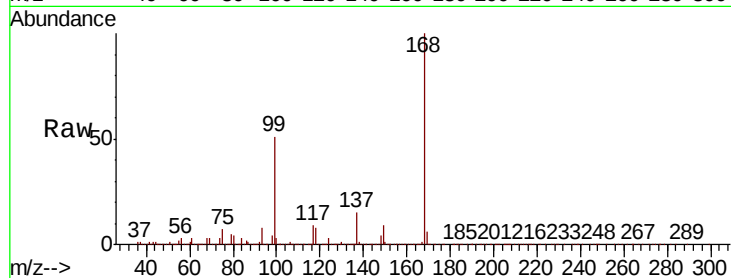
99 50.6 40.3 60.5

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

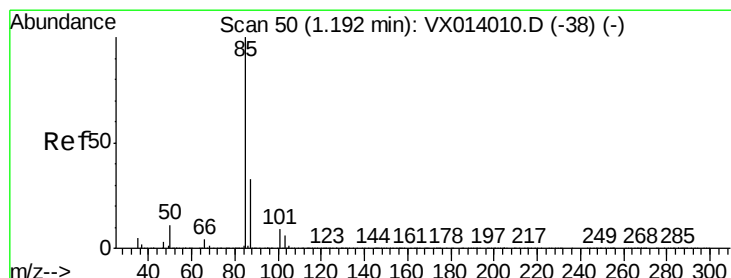
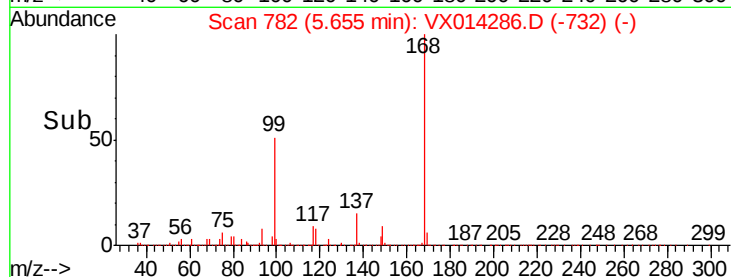
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 46.223 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX014286.D

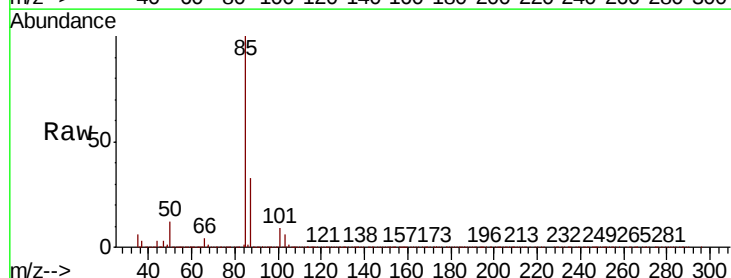
Acq: 26 Dec 2019 21:47

Tgt Ion: 85 Resp: 194037

Ion Ratio Lower Upper

85 100

87 33.2 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

200000

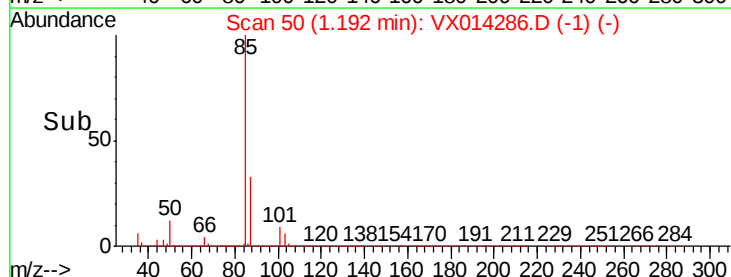
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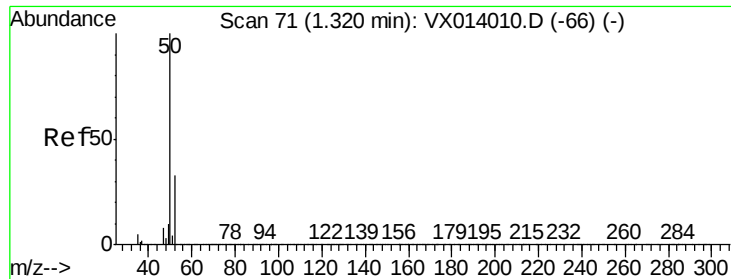
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50000

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Time-->





#3

Chloromethane

Concen: 48.679 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX014286.D

Acq: 26 Dec 2019 21:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 274234

Ion Ratio Lower Upper

50 100

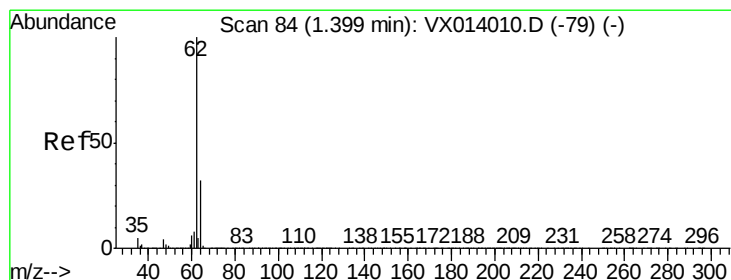
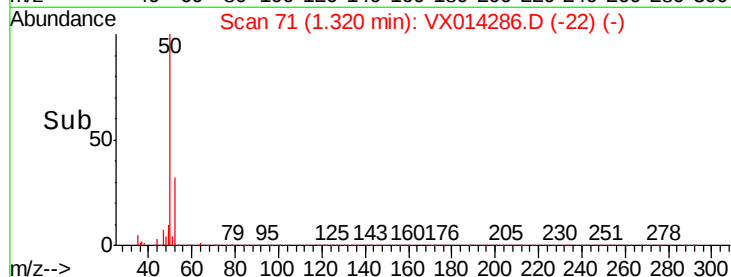
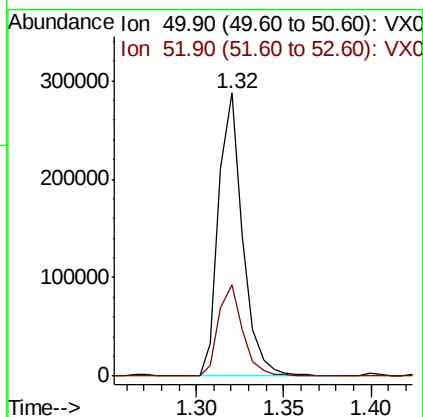
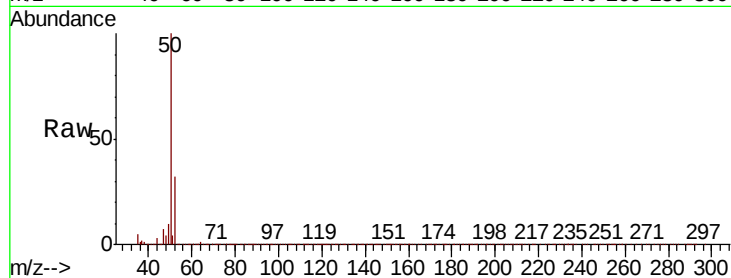
52 32.2 26.2 39.4

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#4

Vinyl Chloride

Concen: 49.647 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX014286.D

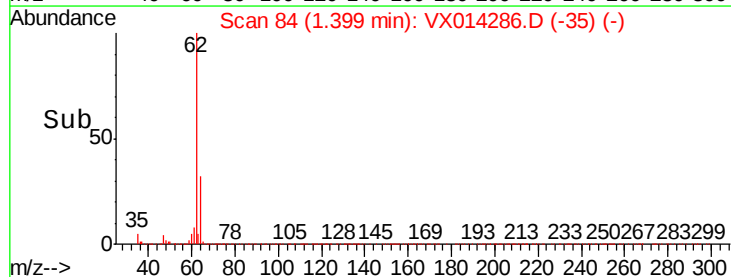
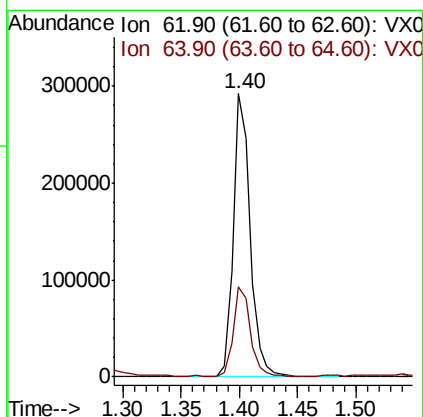
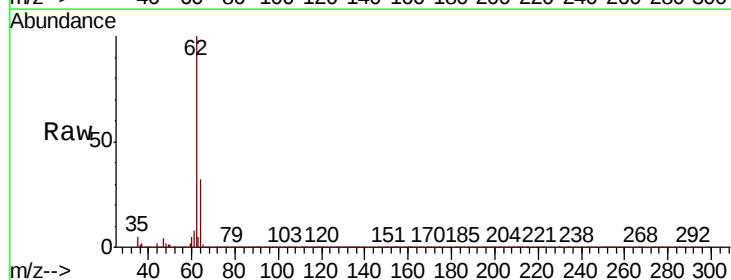
Acq: 26 Dec 2019 21:47

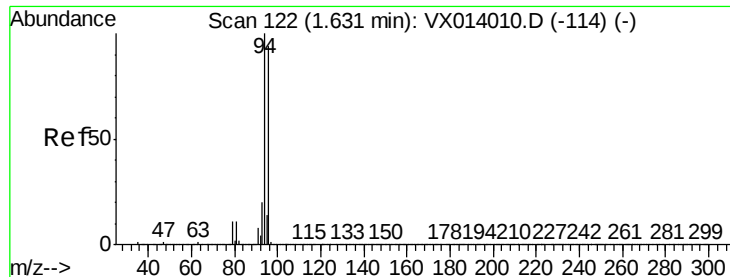
Tgt Ion: 62 Resp: 295123

Ion Ratio Lower Upper

62 100

64 31.6 25.7 38.5





#5

Bromomethane

Concen: 42.922 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX014286.D

Acq: 26 Dec 2019 21:47

Tot Ion: 94 Resp: 181093

Ion Ratio Lower Upper

94 100

96 92.6 75.2 112.8

Instrument :

MSVOA_X

ClientSampleId :

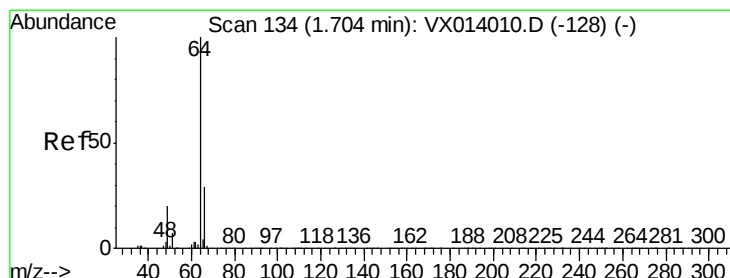
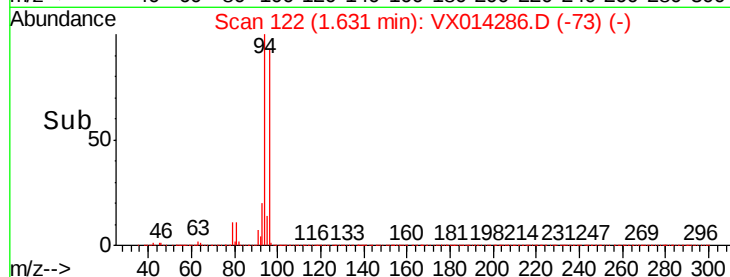
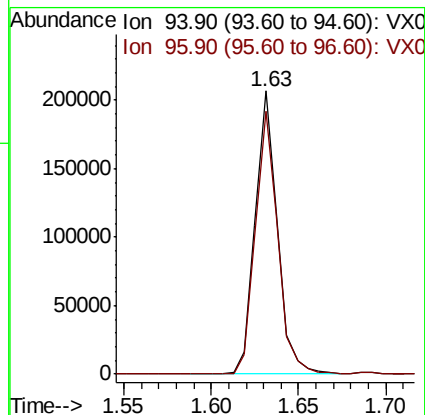
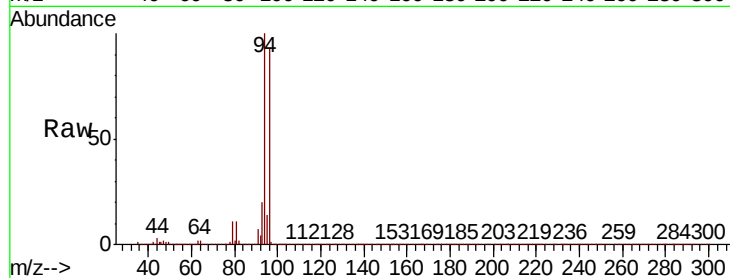
VSTDCCC050EC

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#6

Chloroethane

Concen: 51.988 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX014286.D

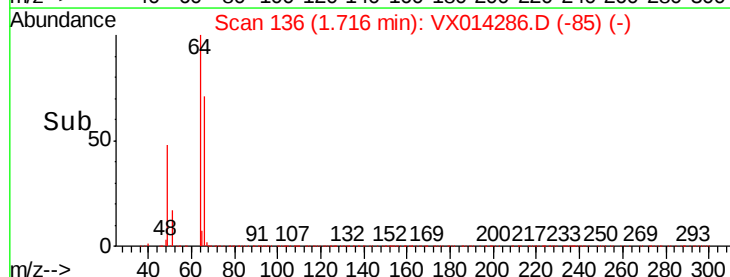
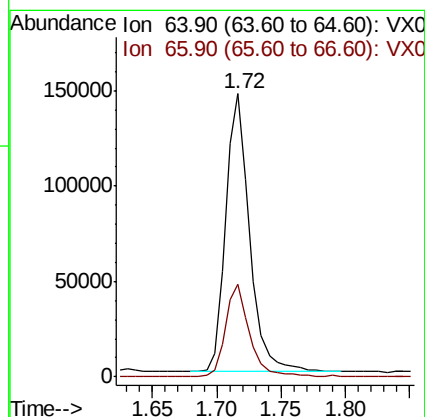
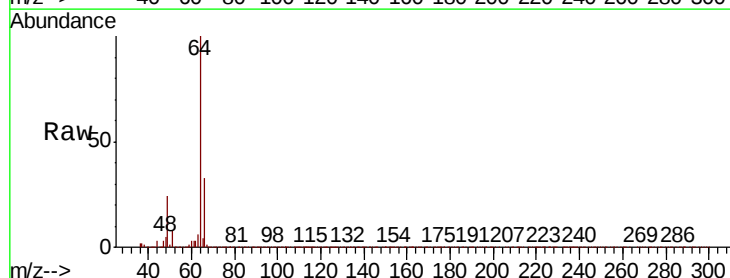
Acq: 26 Dec 2019 21:47

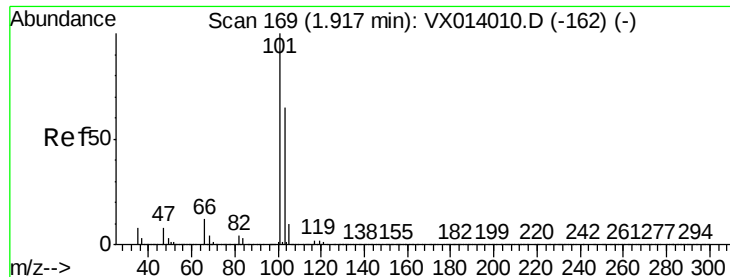
Tgt Ion: 64 Resp: 190735

Ion Ratio Lower Upper

64 100

66 32.9 23.4 35.2





#7

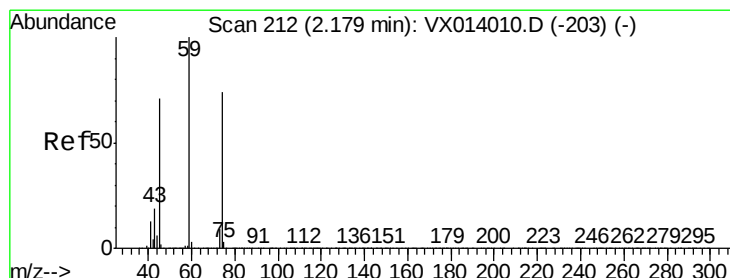
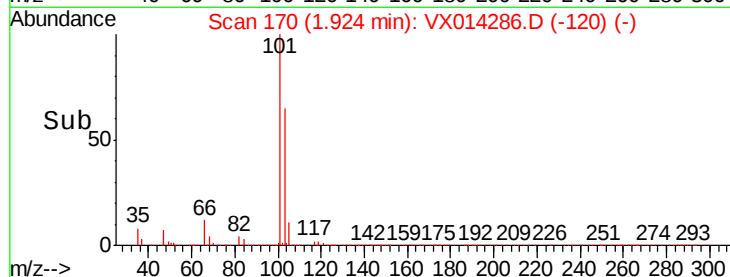
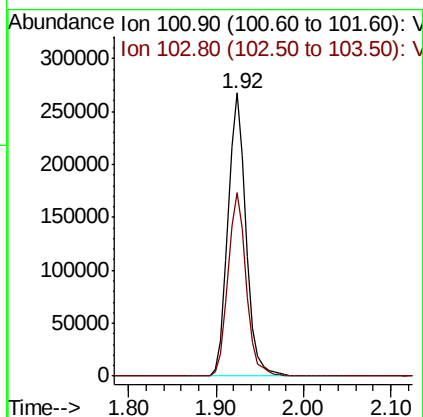
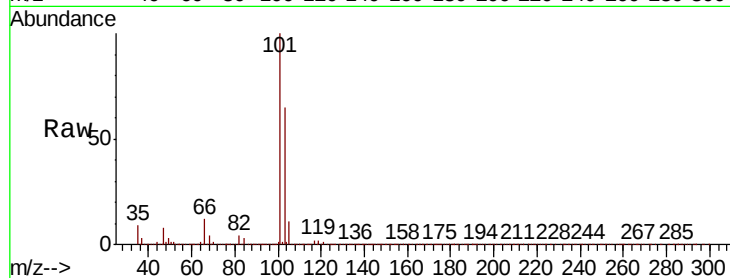
Trichlorofluoromethane
Concen: 51.775 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX014286.D
Acq: 26 Dec 2019 21:47

Instrument :
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VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
101	100		380994		
103	65.0		52.2		78.4

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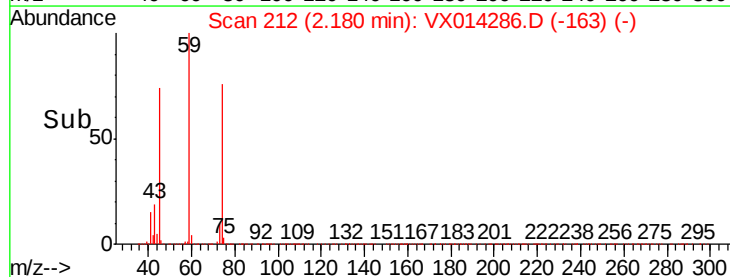
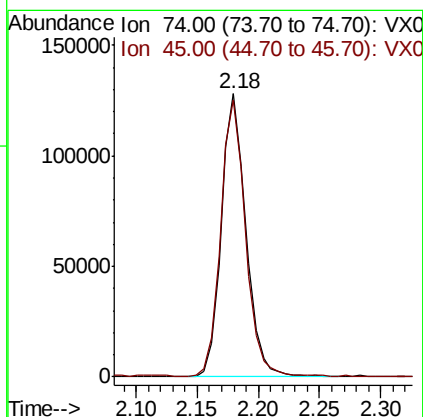
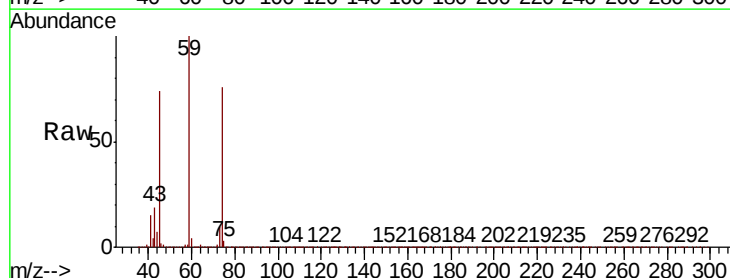
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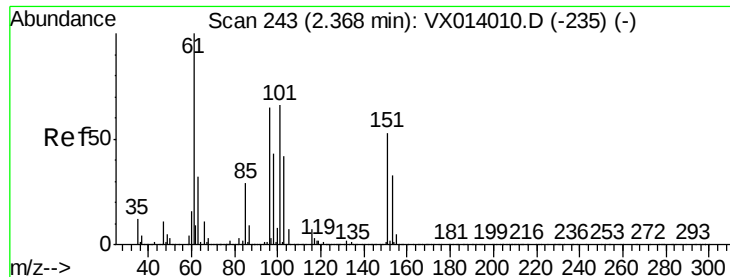


#8

Diethyl Ether
Concen: 51.358 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX014286.D
Acq: 26 Dec 2019 21:47

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
74	100		177368		
45	98.9		48.1		144.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.318 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX014286.D

Acq: 26 Dec 2019 21:47

Instrument :

MSVOA_X

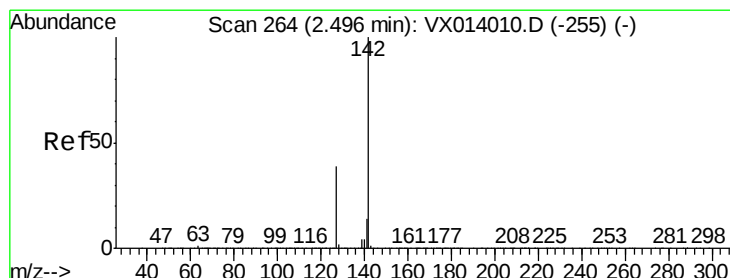
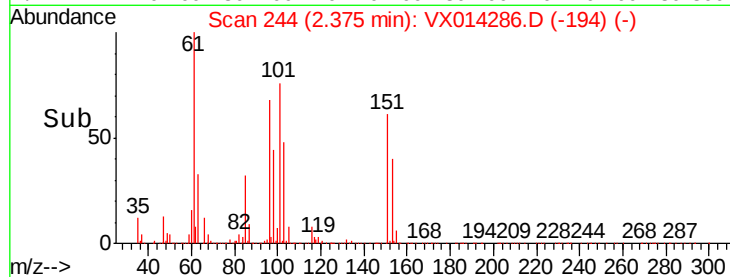
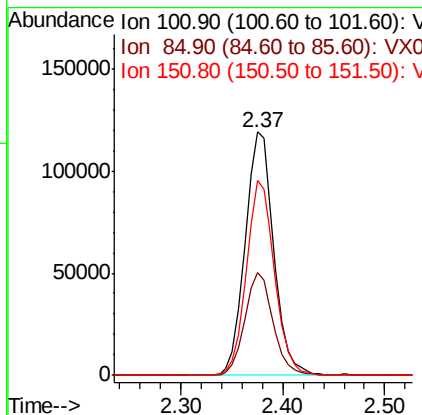
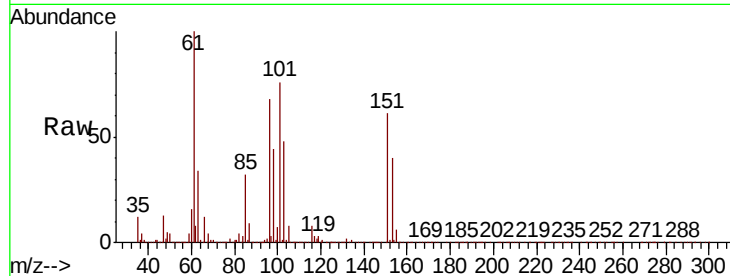
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	232072
Ion Ratio	Lower	Upper	
101	100		
85	41.7	33.7	50.5
151	79.1	64.5	96.7

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#10

Methyl Iodide

Concen: 48.194 ug/l

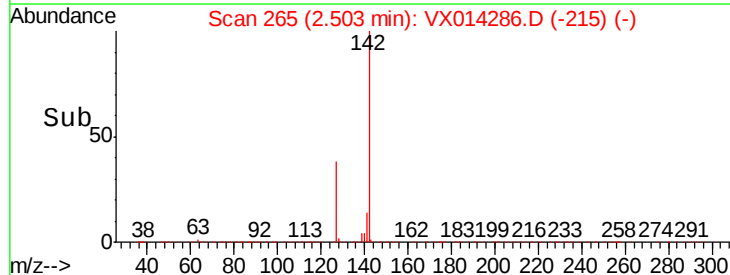
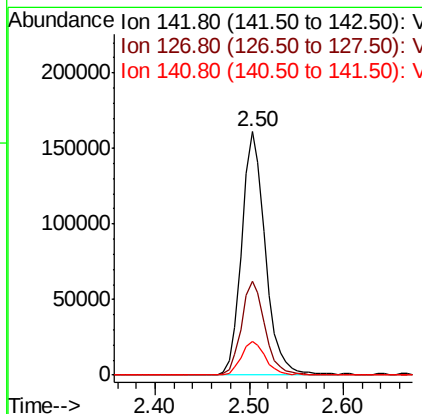
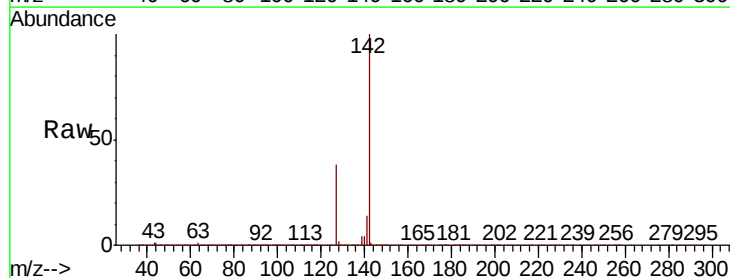
RT: 2.50 min Scan# 265

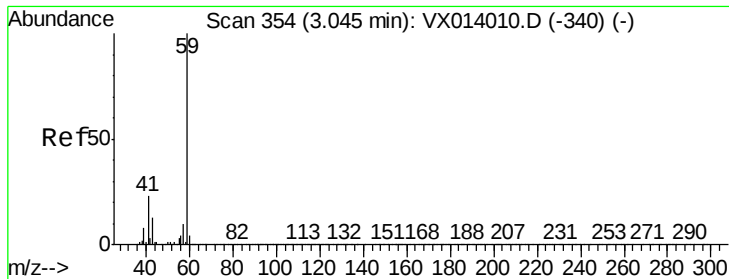
Delta R.T. 0.01 min

Lab File: VX014286.D

Acq: 26 Dec 2019 21:47

Tgt Ion:	142	Resp:	281338
Ion Ratio	Lower	Upper	
142	100		
127	38.6	31.6	47.4
141	14.2	11.6	17.4





#11

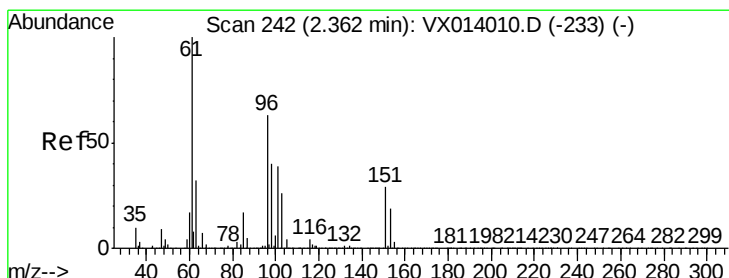
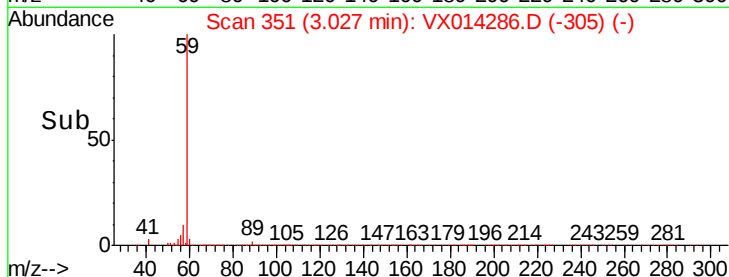
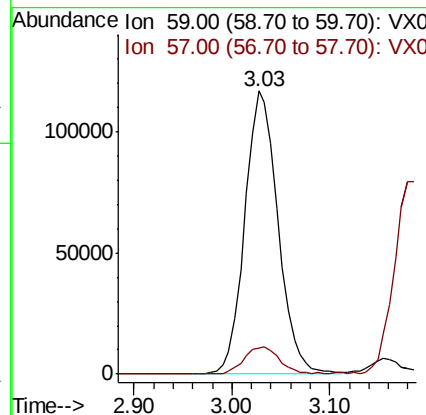
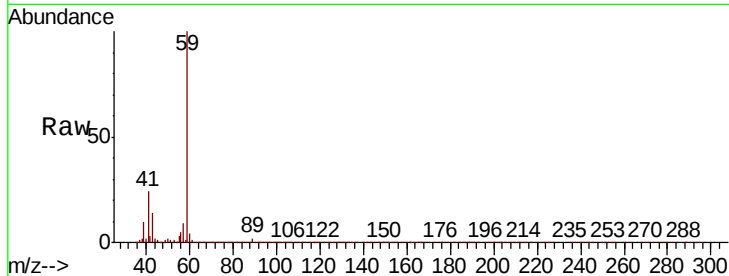
Tert butyl alcohol
Concen: 238.495 ug/l
RT: 3.03 min Scan# 351
Delta R.T. -0.02 min
Lab File: VX014286.D
Acq: 26 Dec 2019 21:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.0	8.4	12.6

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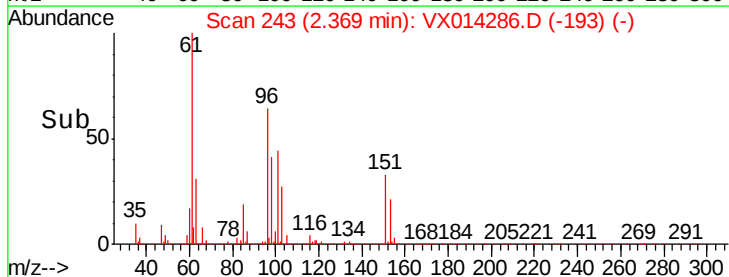
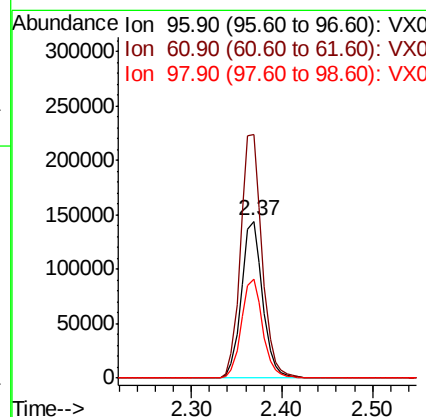
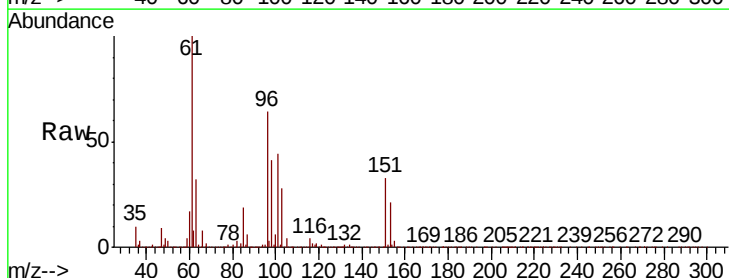
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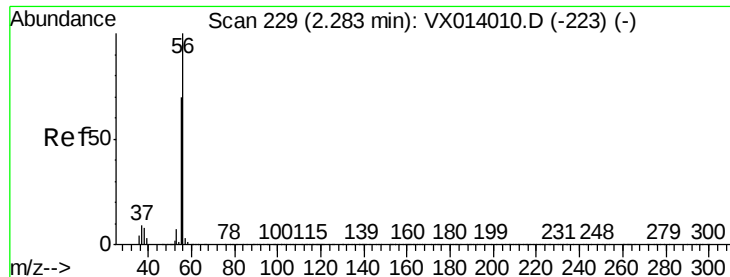


#12

1,1-Dichloroethene
Concen: 51.661 ug/l
RT: 2.37 min Scan# 243
Delta R.T. 0.01 min
Lab File: VX014286.D
Acq: 26 Dec 2019 21:47

Tgt Ion	Ratio	Lower	Upper
96	100		
61	155.3	127.9	191.9
98	63.1	50.5	75.7





#13

Acrolein

Concen: 268.638 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX014286.D

Acq: 26 Dec 2019 21:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 176706

Ion Ratio Lower Upper

56 100

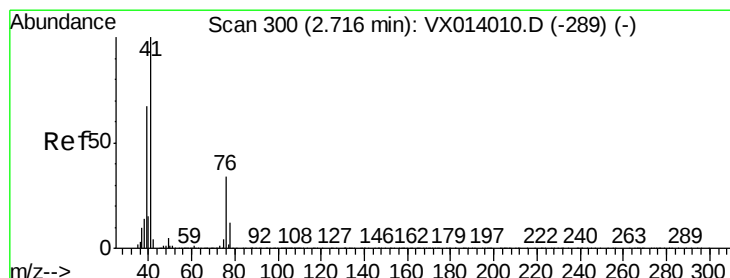
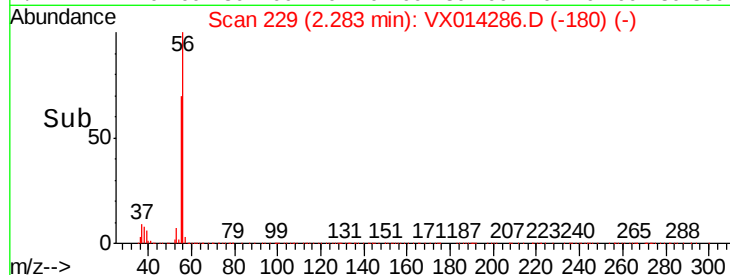
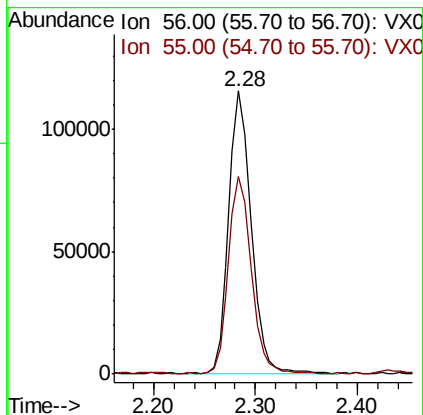
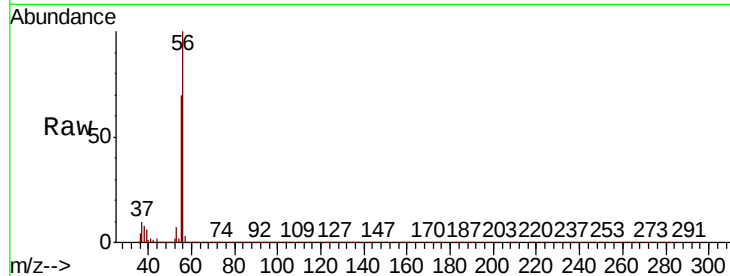
55 70.3 56.9 85.3

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#14

Allyl chloride

Concen: 53.087 ug/l

RT: 2.72 min Scan# 301

Delta R.T. 0.01 min

Lab File: VX014286.D

Acq: 26 Dec 2019 21:47

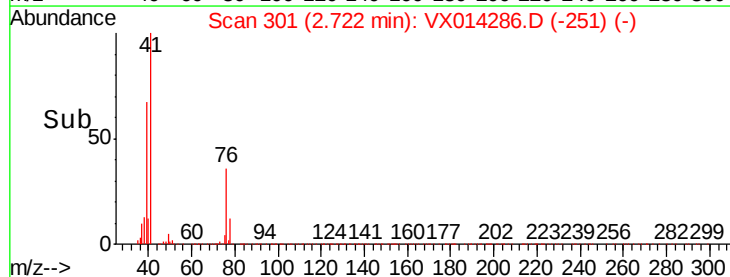
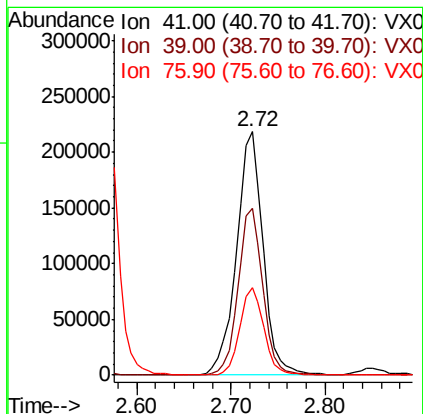
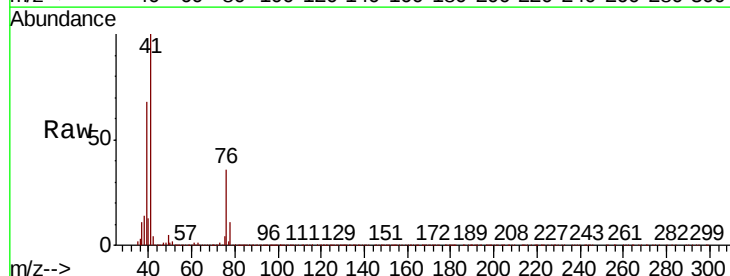
Tgt Ion: 41 Resp: 427827

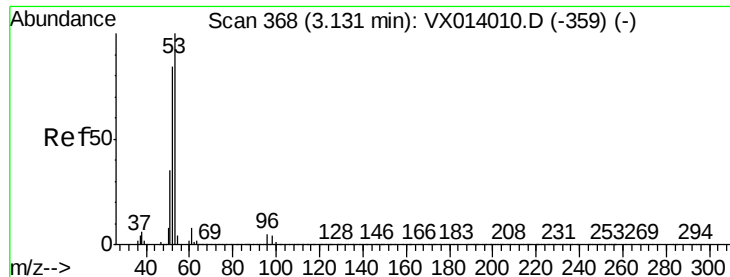
Ion Ratio Lower Upper

41 100

39 63.3 51.8 77.8

76 32.5 25.9 38.9





#15

Acrylonitrile

Concen: 281.094 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX014286.D

Acq: 26 Dec 2019 21:47

Instrument :

MSVOA_X

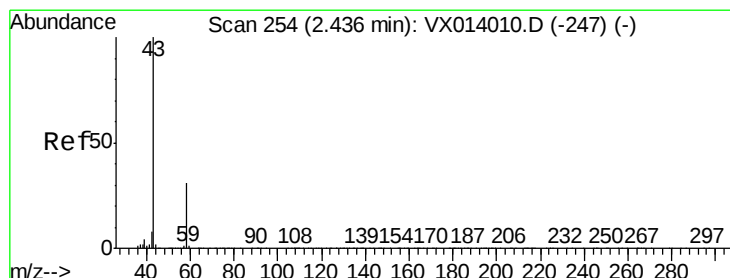
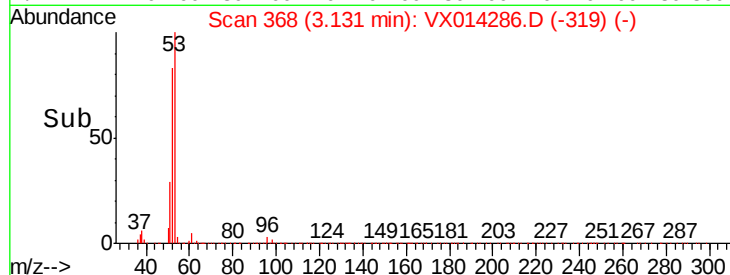
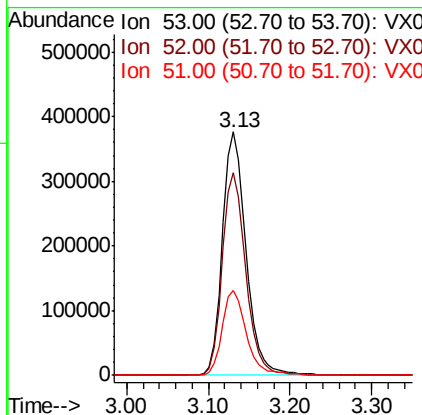
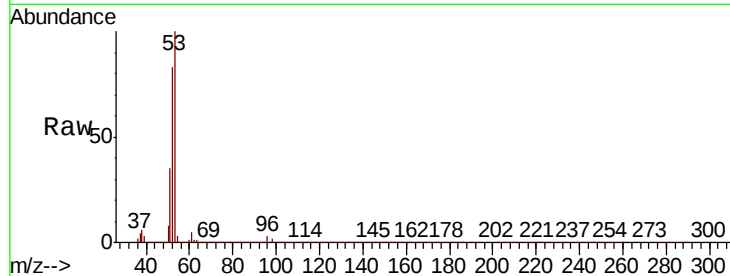
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	753921
Ion Ratio	Lower	Upper	
53	100		
52	82.5	66.5	99.7
51	36.0	28.1	42.1

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#16

Acetone

Concen: 179.188 ug/l

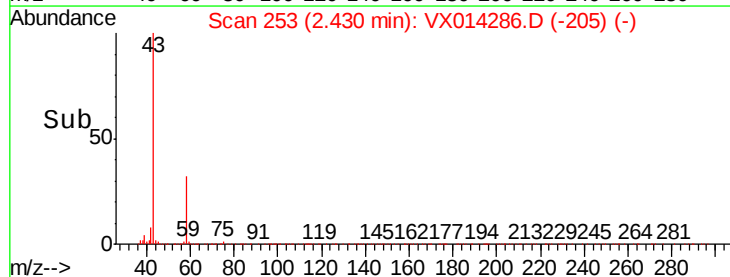
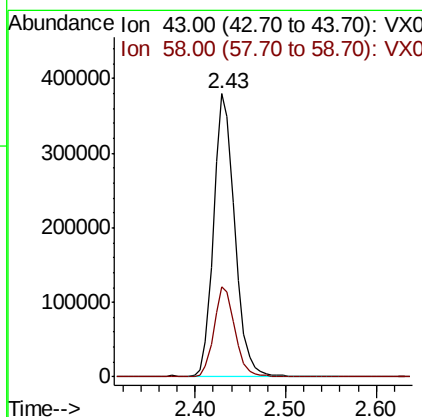
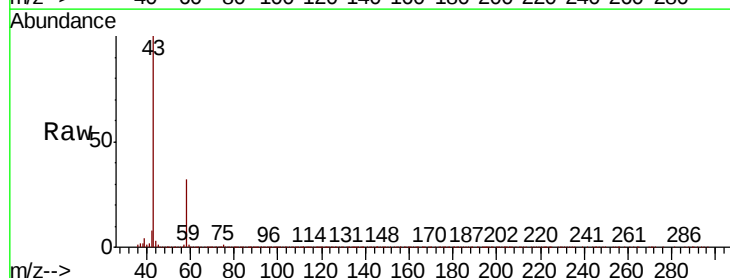
RT: 2.43 min Scan# 253

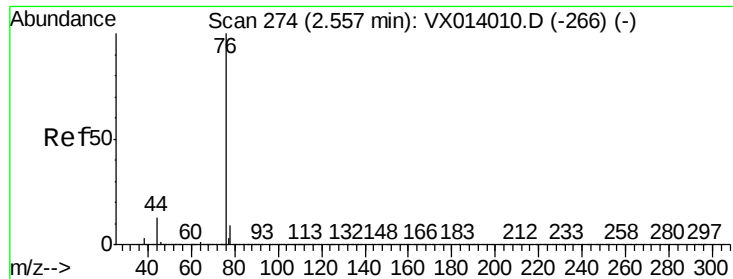
Delta R.T. -0.01 min

Lab File: VX014286.D

Acq: 26 Dec 2019 21:47

Tgt Ion:	43	Resp:	618656
Ion Ratio	Lower	Upper	
43	100		
58	31.9	24.9	37.3





#17

Carbon Disulfide

Concen: 46.634 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.01 min

Lab File: VX014286.D

Acq: 26 Dec 2019 21:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 583711

Ion Ratio Lower Upper

76 100

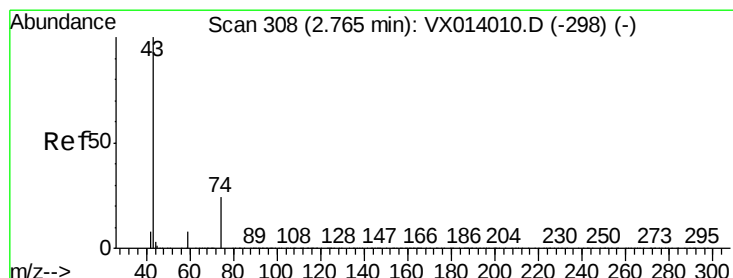
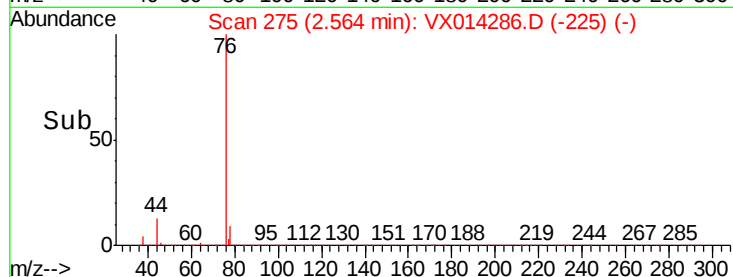
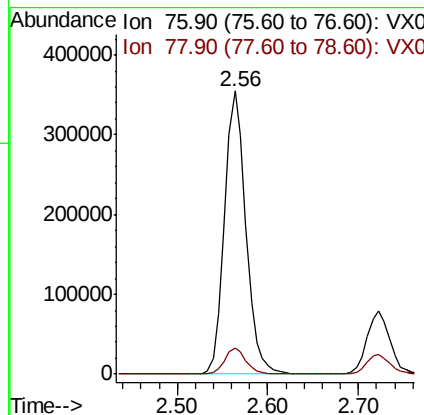
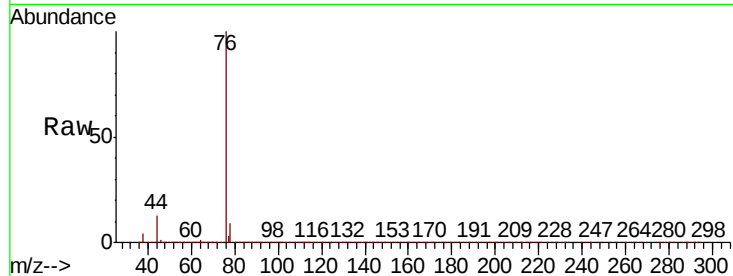
78 9.1 7.2 10.8

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#18

Methyl Acetate

Concen: 56.513 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.01 min

Lab File: VX014286.D

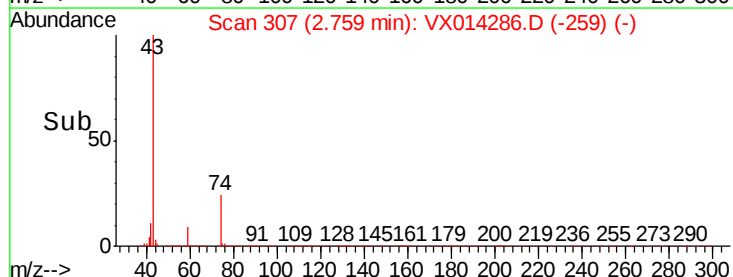
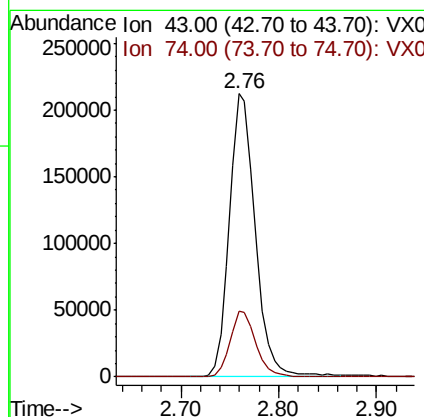
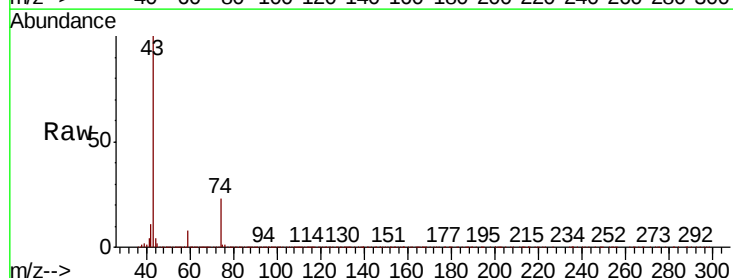
Acq: 26 Dec 2019 21:47

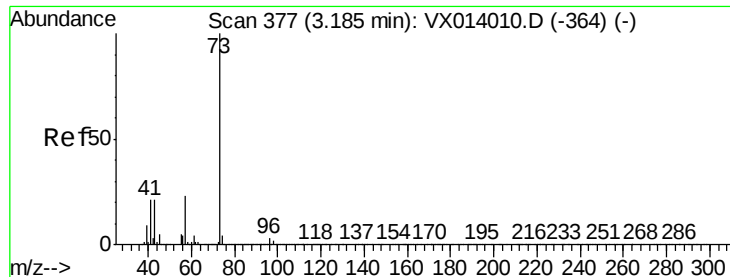
Tgt Ion: 43 Resp: 386630

Ion Ratio Lower Upper

43 100

74 23.1 19.5 29.3





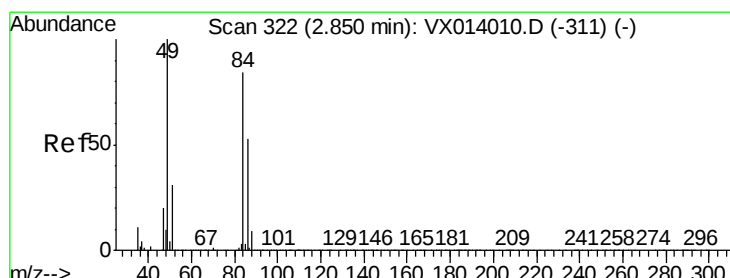
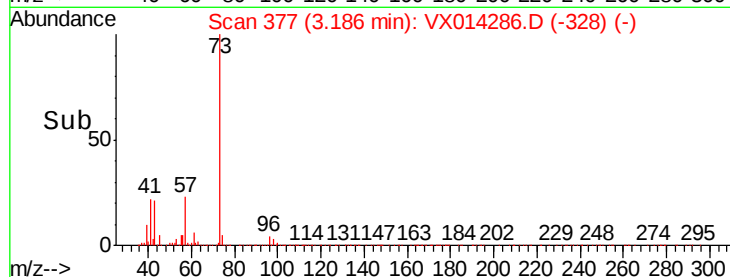
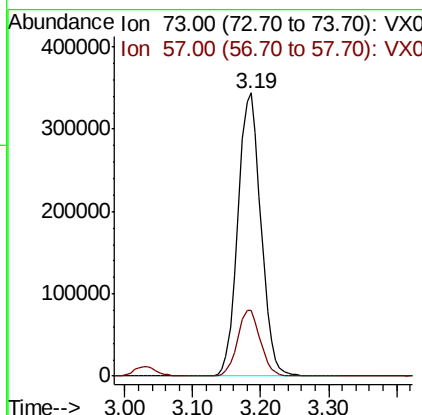
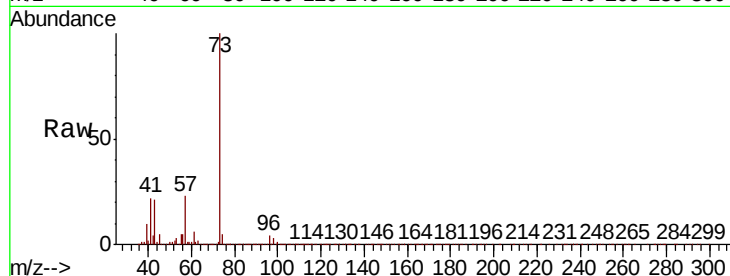
#19
Methyl tert-butyl Ether
Concen: 54.464 ug/l
RT: 3.19 min Scan# 377
Delta R.T. 0.00 min
Lab File: VX014286.D
Acq: 26 Dec 2019 21:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
73	100		
57	23.1	18.8	28.2

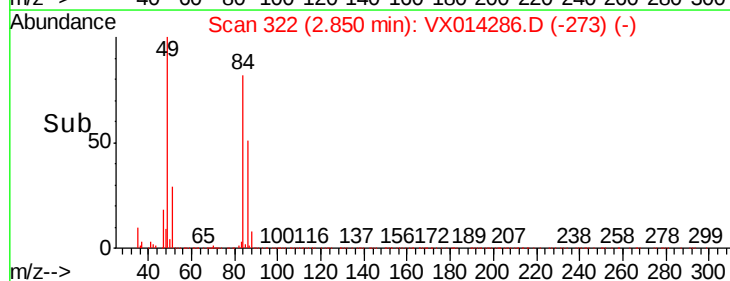
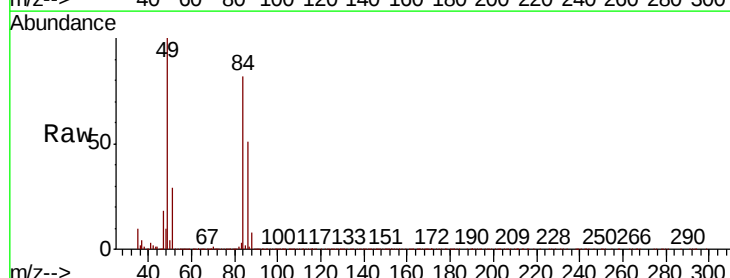
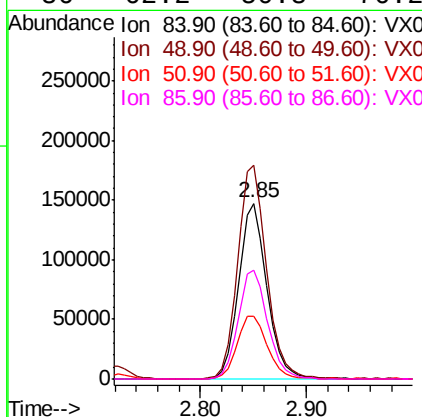
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#20
Methylene Chloride
Concen: 50.439 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.00 min
Lab File: VX014286.D
Acq: 26 Dec 2019 21:47

Tgt Ion	Ratio	Lower	Upper
84	100		
49	121.7	95.8	143.6
51	35.5	29.8	44.8
86	62.2	50.8	76.2





#21

trans-1,2-Dichloroethene

Concen: 49.952 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX014286.D

Acq: 26 Dec 2019 21:47

Instrument :

MSVOA_X

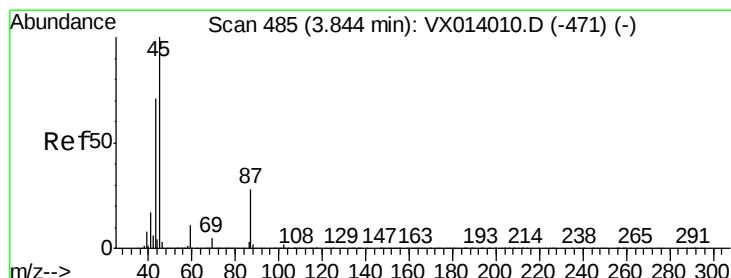
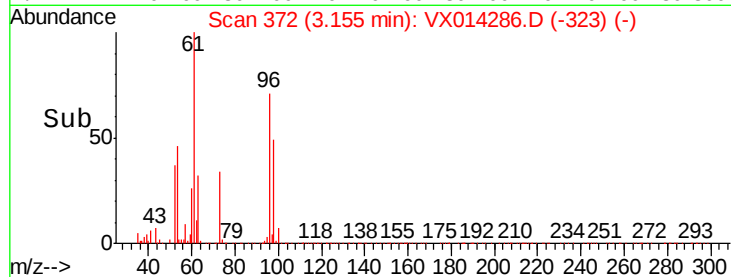
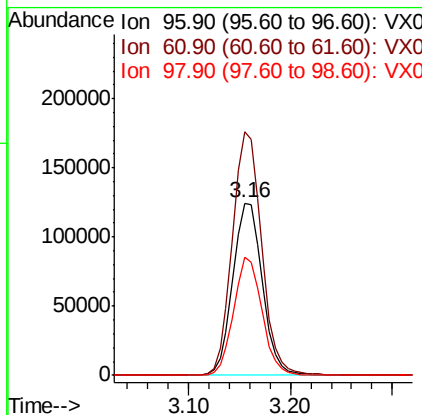
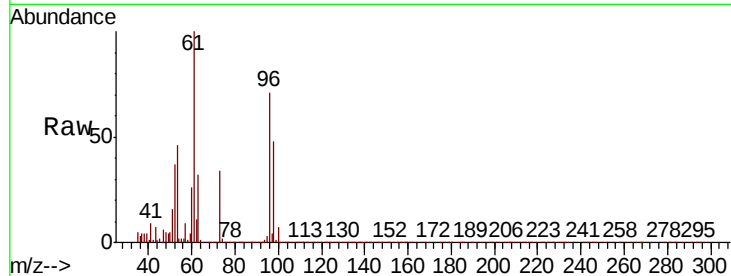
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	248395
Ion Ratio	Lower	Upper	
96	100		
61	141.3	108.3	162.5
98	68.4	50.8	76.2

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#22

Diisopropyl ether

Concen: 56.744 ug/l

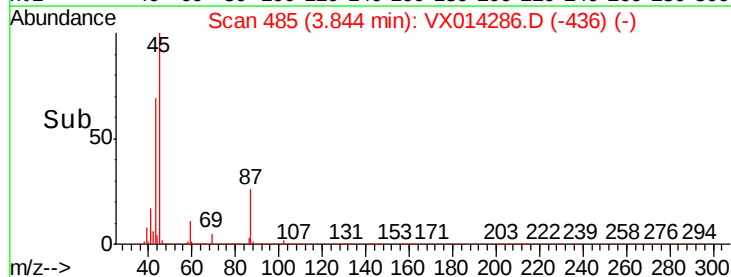
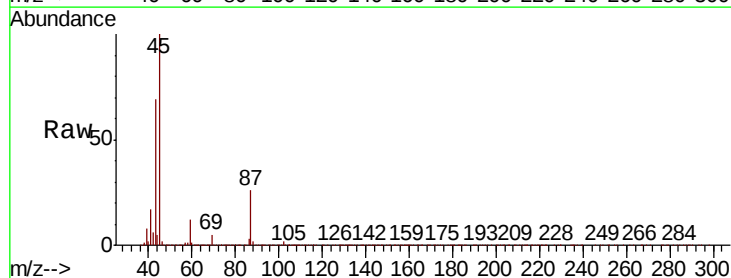
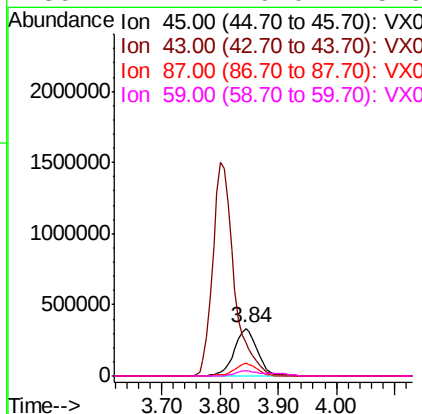
RT: 3.84 min Scan# 485

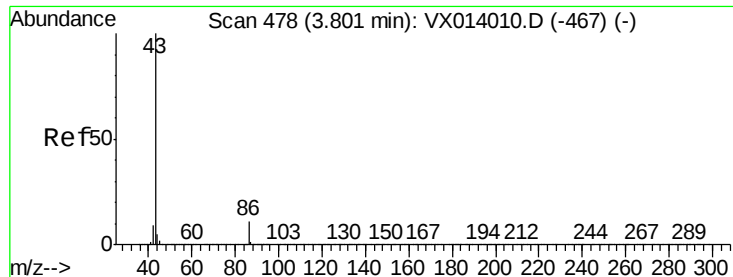
Delta R.T. 0.00 min

Lab File: VX014286.D

Acq: 26 Dec 2019 21:47

Tgt Ion:	45	Resp:	911278
Ion Ratio	Lower	Upper	
45	100		
43	69.3	57.4	86.0
87	25.8	21.9	32.9
59	11.4	9.0	13.6





#23

Vinyl Acetate

Concen: 291.542 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX014286.D

Acq: 26 Dec 2019 21:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 3820815

Ion Ratio Lower Upper

43 100

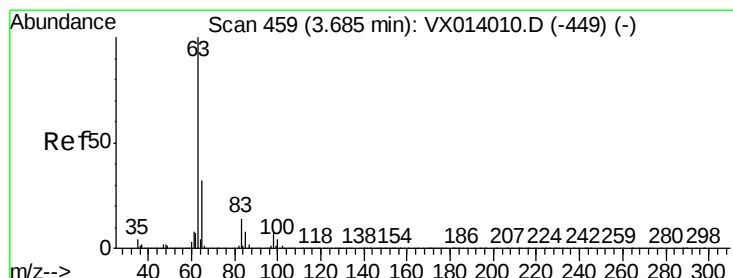
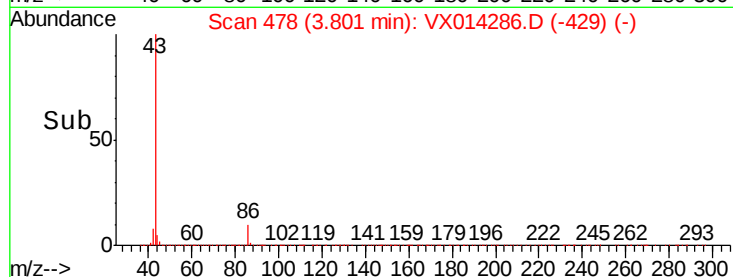
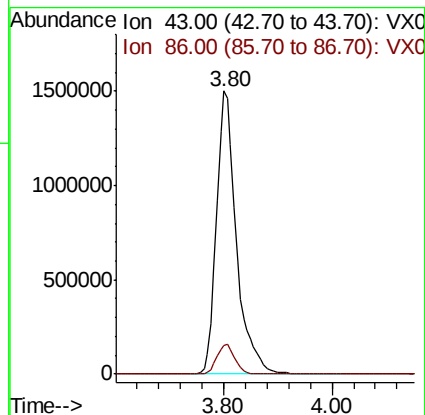
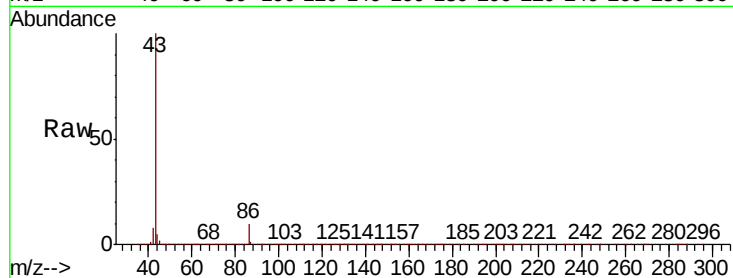
86 10.2 8.6 12.8

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#24

1,1-Dichloroethane

Concen: 53.154 ug/l

RT: 3.69 min Scan# 460

Delta R.T. 0.01 min

Lab File: VX014286.D

Acq: 26 Dec 2019 21:47

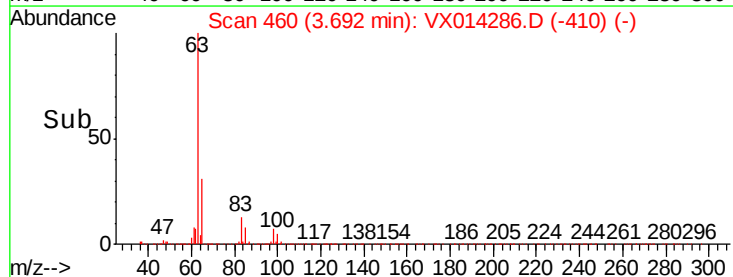
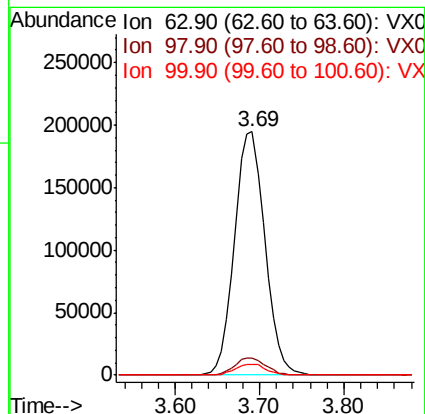
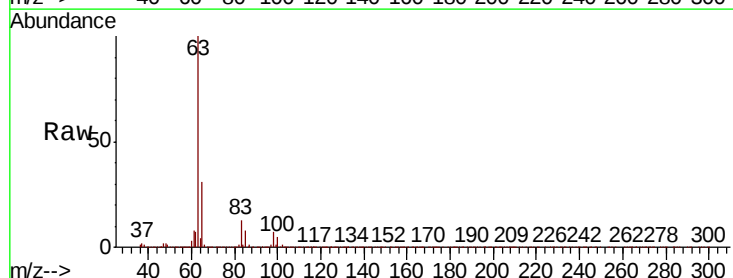
Tgt Ion: 63 Resp: 474931

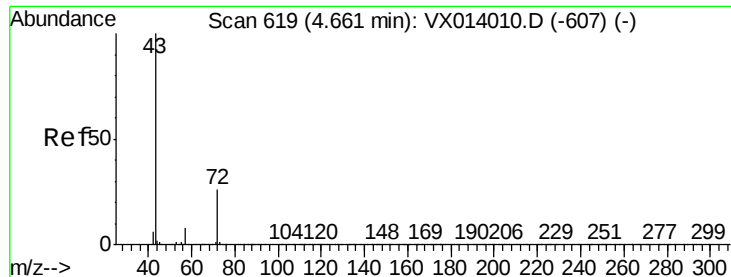
Ion Ratio Lower Upper

63 100

98 7.2 3.6 10.8

100 4.5 2.3 6.8





#25

2-Butanone

Concen: 241.172 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.01 min

Lab File: VX014286.D

Acq: 26 Dec 2019 21:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1026568

Ion Ratio Lower Upper

43 100

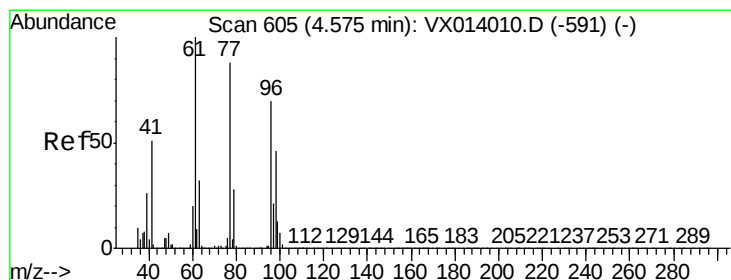
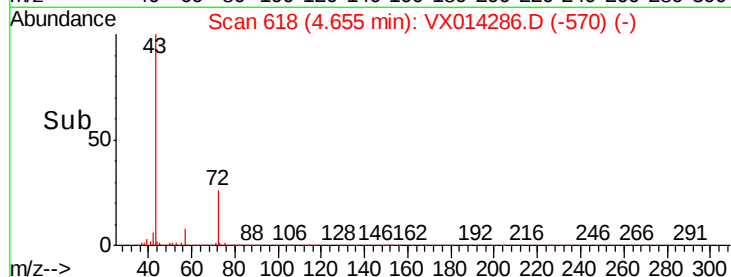
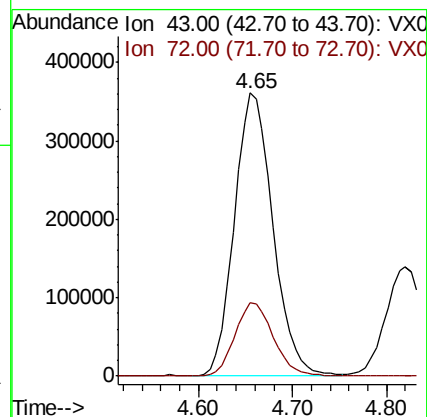
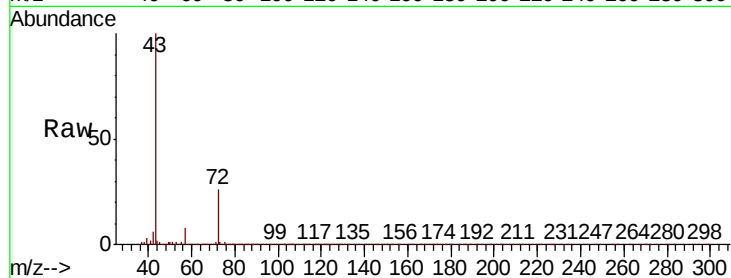
72 25.9 21.0 31.4

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#26

2,2-Dichloropropane

Concen: 45.986 ug/l

RT: 4.58 min Scan# 605

Delta R.T. 0.00 min

Lab File: VX014286.D

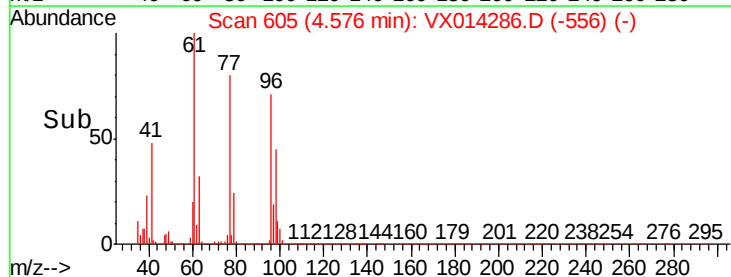
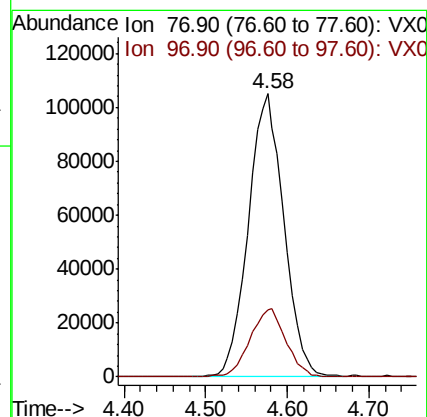
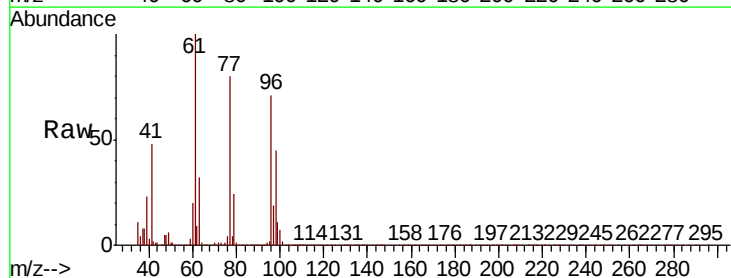
Acq: 26 Dec 2019 21:47

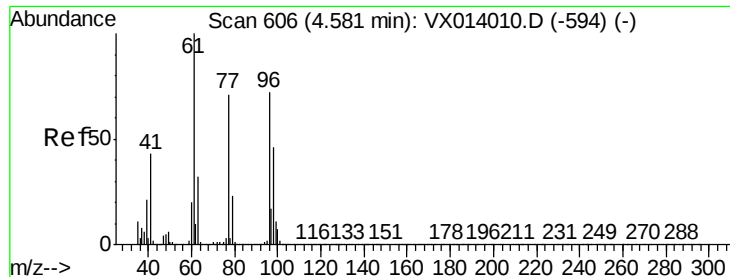
Tgt Ion: 77 Resp: 319012

Ion Ratio Lower Upper

77 100

97 24.2 11.9 35.9





#27

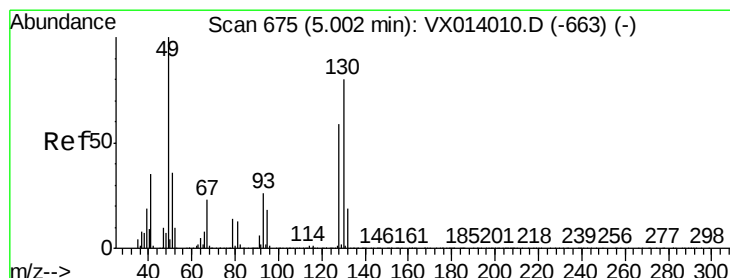
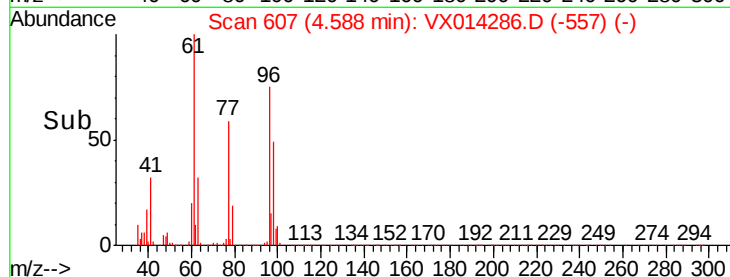
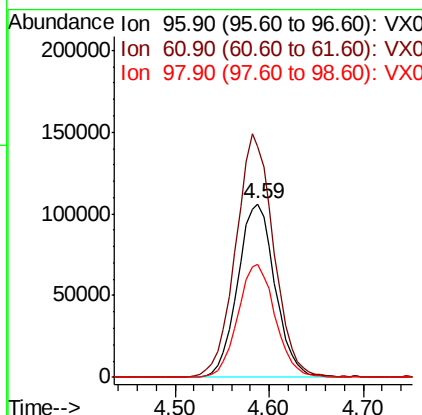
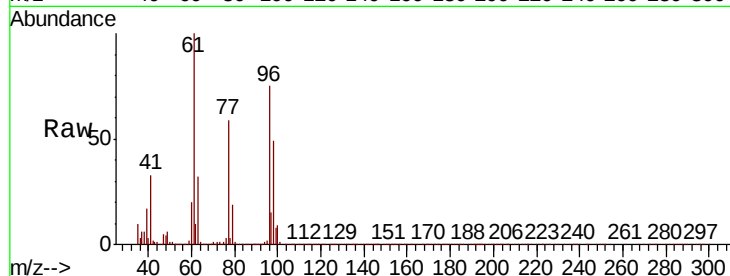
cis-1,2-Dichloroethene
Concen: 52.278 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.01 min
Lab File: VX014286.D
Acq: 26 Dec 2019 21:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100	294000		
61	142.3	0.0	288.4	
98	65.3	0.0	129.6	

Manual Integrations
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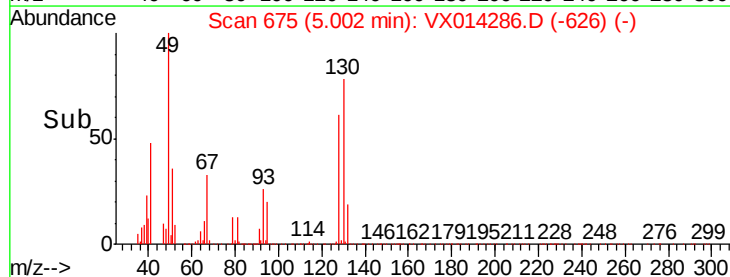
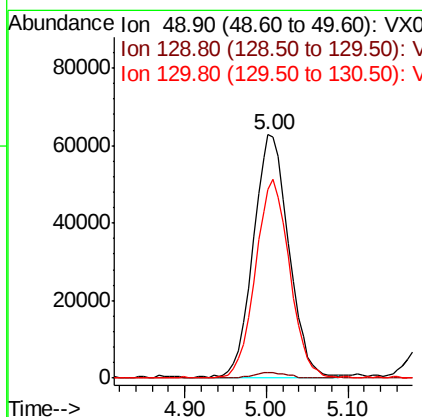
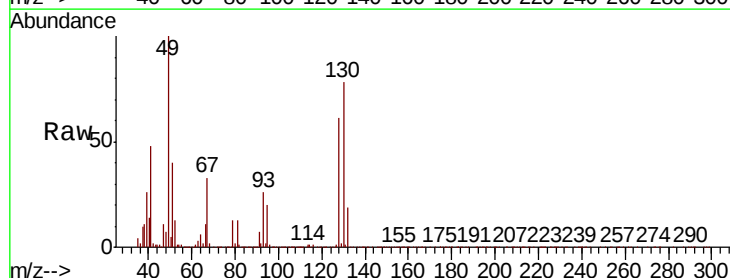
apatel
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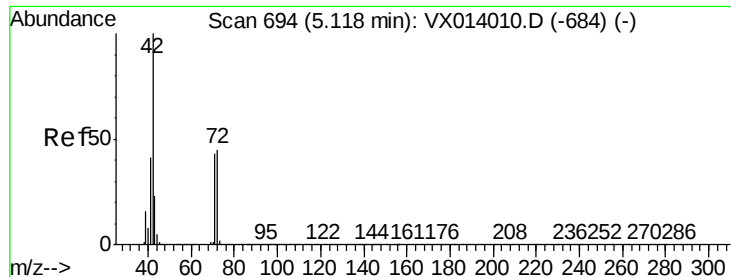


#28

Bromochloromethane
Concen: 55.224 ug/l
RT: 5.00 min Scan# 675
Delta R.T. 0.00 min
Lab File: VX014286.D
Acq: 26 Dec 2019 21:47

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	189926		
129	2.4	0.0	5.0	
130	78.9	64.6	97.0	





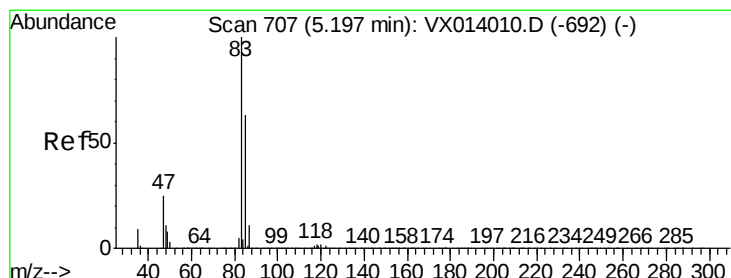
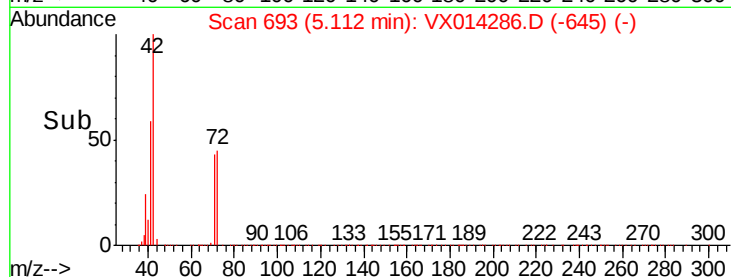
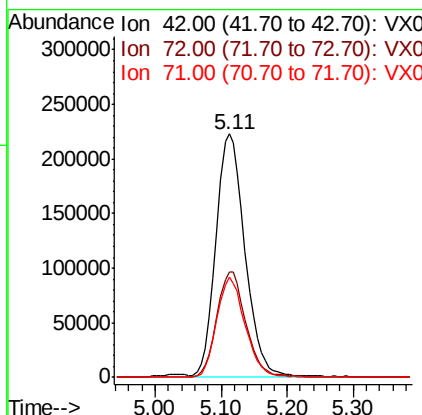
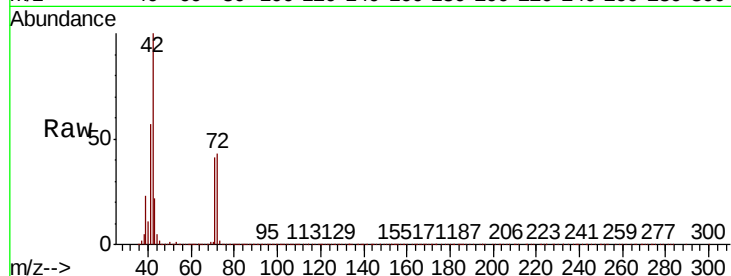
#29
Tetrahydrofuran
Concen: 284.500 ug/l
RT: 5.11 min Scan# 693
Delta R.T. -0.01 min
Lab File: VX014286.D
Acq: 26 Dec 2019 21:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.8	35.8	53.8
71	40.2	33.6	50.4

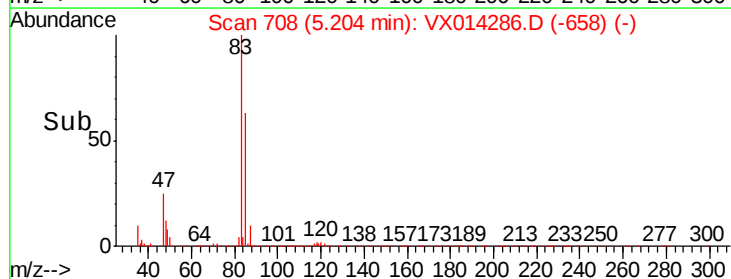
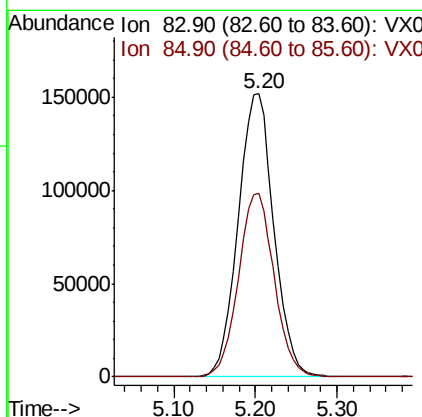
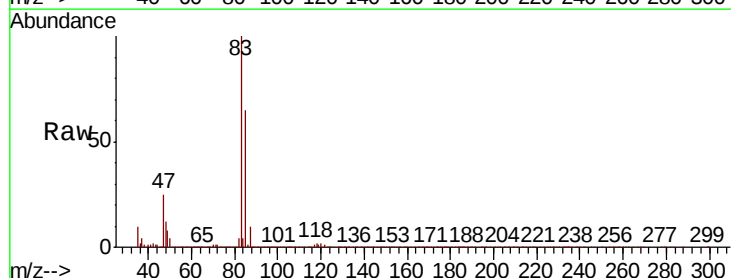
Manual Integrations
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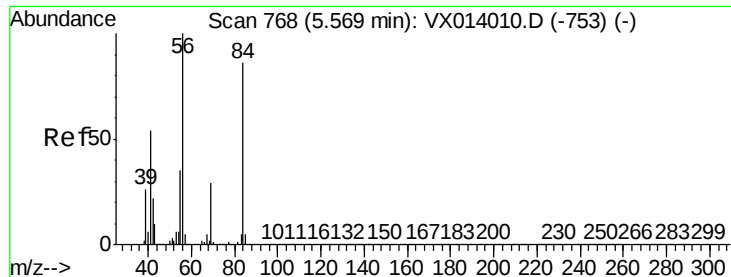
apatel
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#30
Chloroform
Concen: 54.423 ug/l
RT: 5.20 min Scan# 708
Delta R.T. 0.01 min
Lab File: VX014286.D
Acq: 26 Dec 2019 21:47

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.6	50.8	76.2





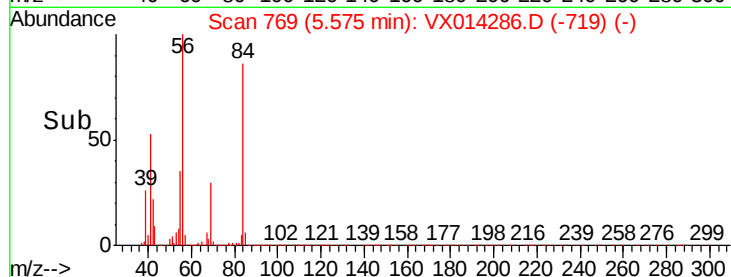
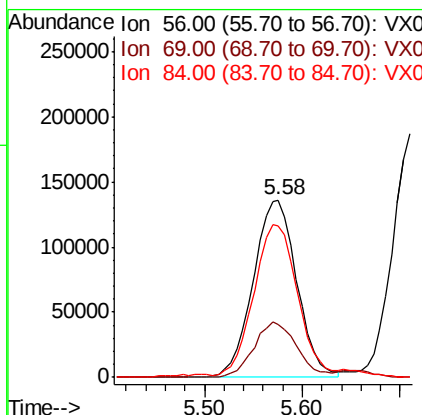
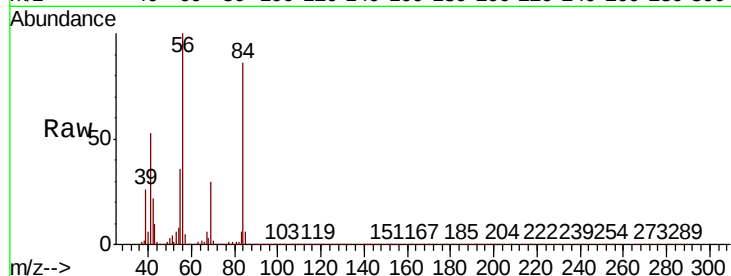
#31
Cyclohexane
Concen: 52.815 ug/l
RT: 5.58 min Scan# 769
Delta R.T. 0.01 min
Lab File: VX014286.D
Acq: 26 Dec 2019 21:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	30.1	23.2	34.8
84	84.6	69.2	103.8

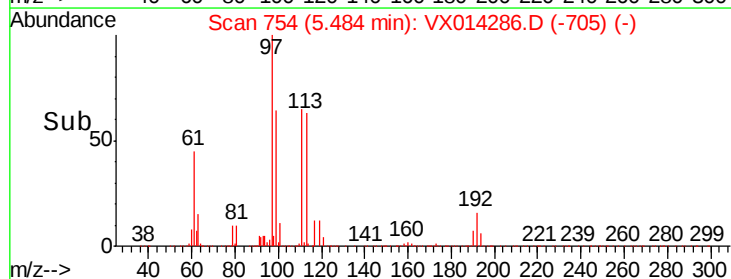
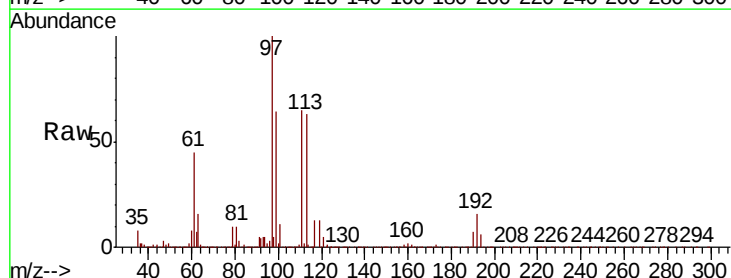
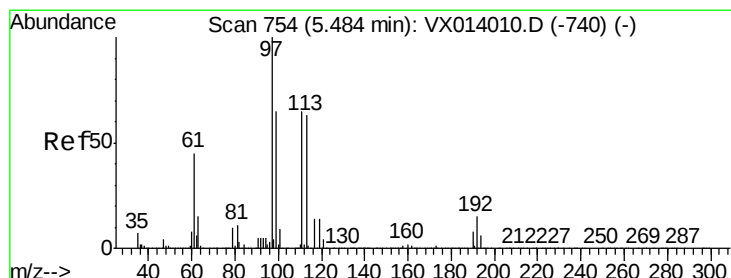
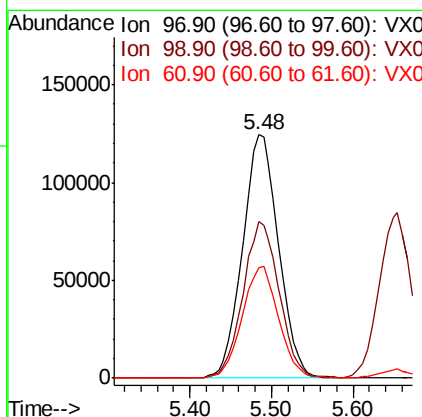
Manual Integrations
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#32
1,1,1-Trichloroethane
Concen: 52.722 ug/l
RT: 5.48 min Scan# 754
Delta R.T. 0.00 min
Lab File: VX014286.D
Acq: 26 Dec 2019 21:47

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.6	52.0	78.0
61	45.9	36.7	55.1





#33

1,2-Dichloroethane-d4

Concen: 51.774 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX014286.D

Acq: 26 Dec 2019 21:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 65 Resp: 275334

Ion Ratio Lower Upper

65 100

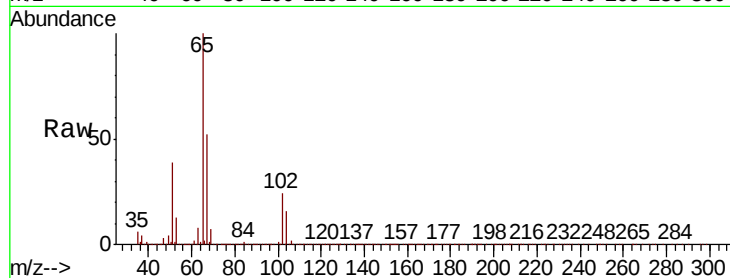
67 53.2 0.0 106.4

Manual Integrations

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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.05

120000

100000

80000

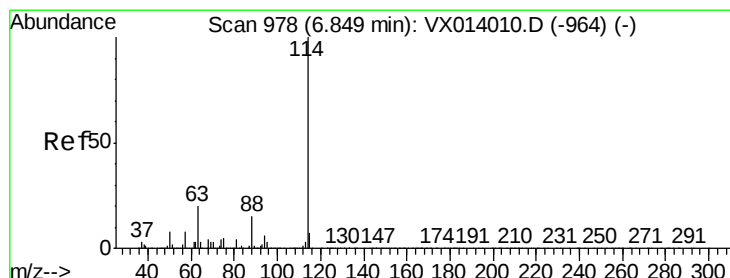
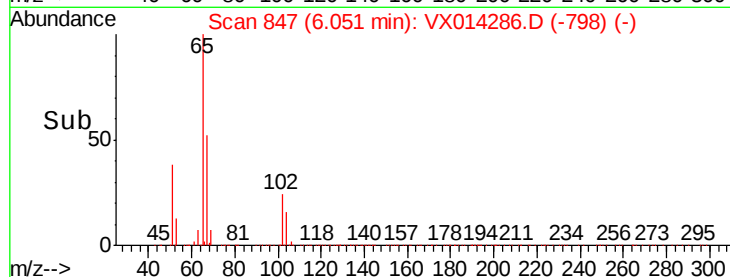
60000

40000

20000

0

Time--> 5.90 6.00 6.10



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX014286.D

Acq: 26 Dec 2019 21:47

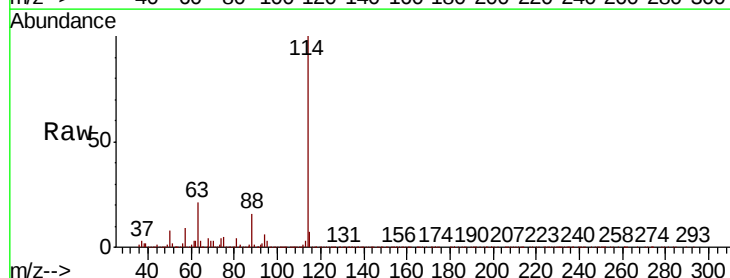
Tgt Ion: 114 Resp: 743175

Ion Ratio Lower Upper

114 100

63 20.6 0.0 40.8

88 16.0 0.0 30.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

400000

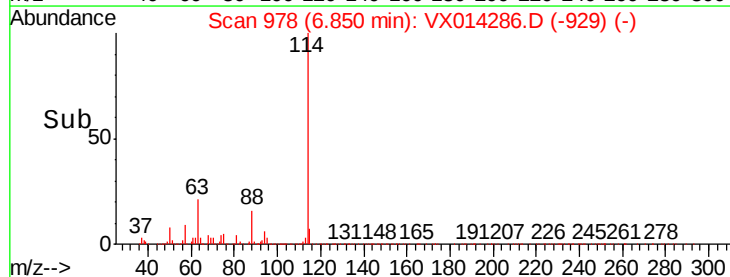
300000

200000

100000

0

Time--> 6.80 6.90





#35

Dibromofluoromethane

Concen: 50.734 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX014286.D

Acq: 26 Dec 2019 21:47

Instrument :

MSVOA_X

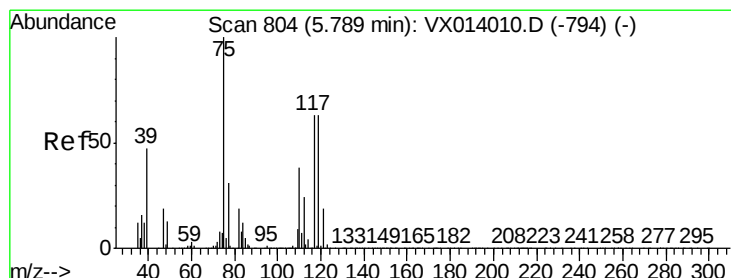
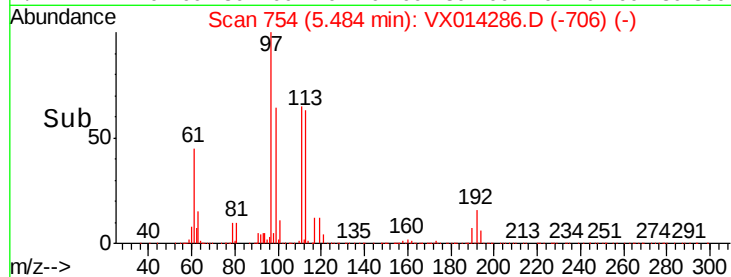
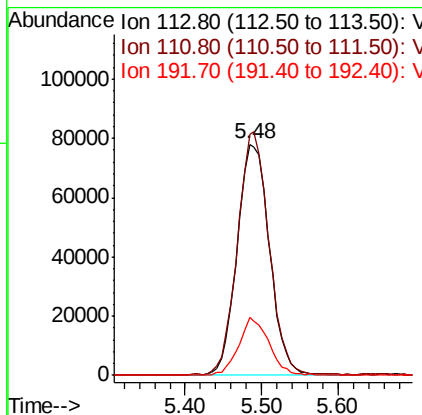
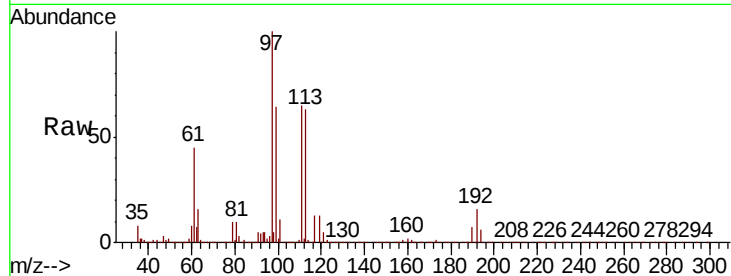
ClientSampleId :

VSTDCCC050EC

Tot Ion:	113	Resp:	229198
Ion Ratio	Lower	Upper	
113	100		
111	102.2	82.0	123.0
192	23.6	19.3	28.9

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 50.315 ug/l

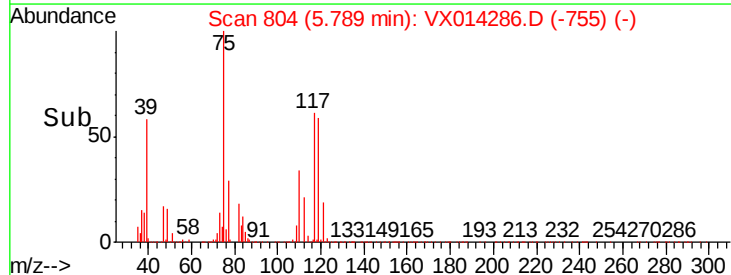
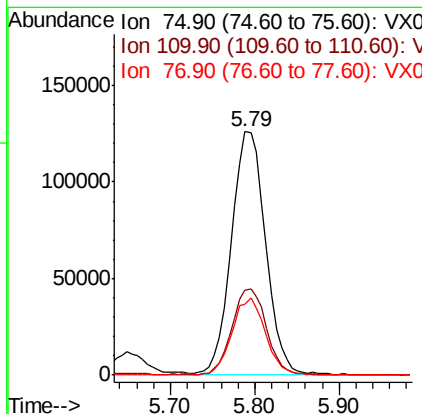
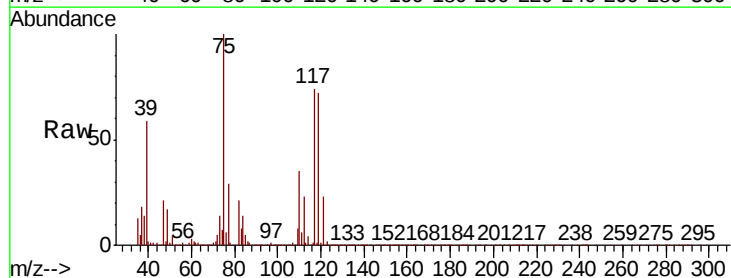
RT: 5.79 min Scan# 804

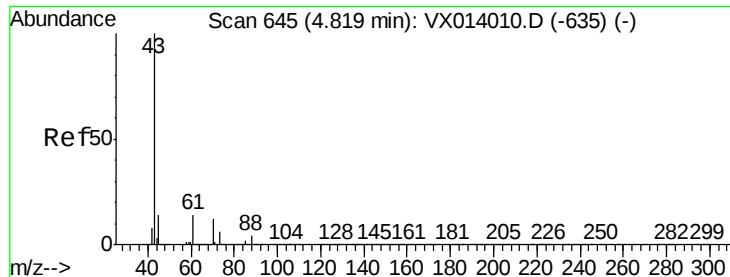
Delta R.T. 0.00 min

Lab File: VX014286.D

Acq: 26 Dec 2019 21:47

Tgt Ion:	75	Resp:	343099
Ion Ratio	Lower	Upper	
75	100		
110	35.9	18.3	54.9
77	31.1	24.8	37.2





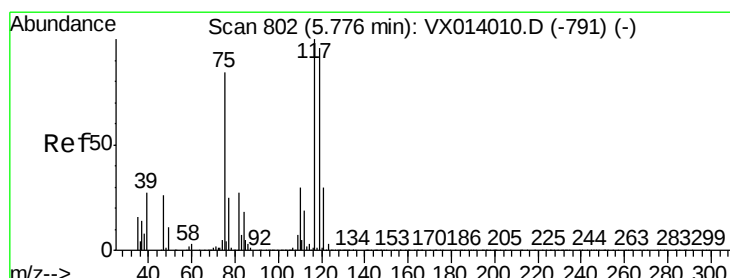
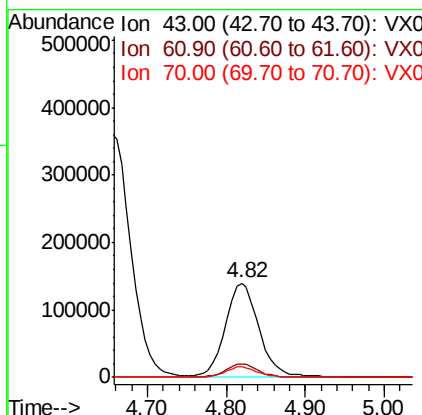
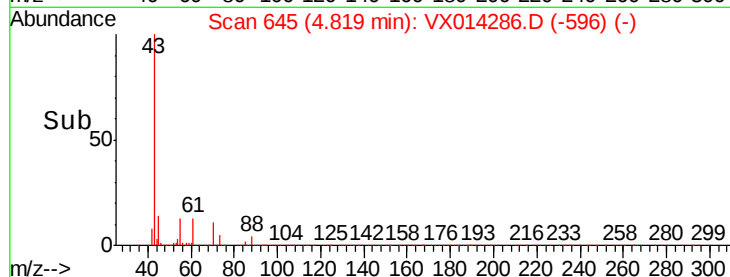
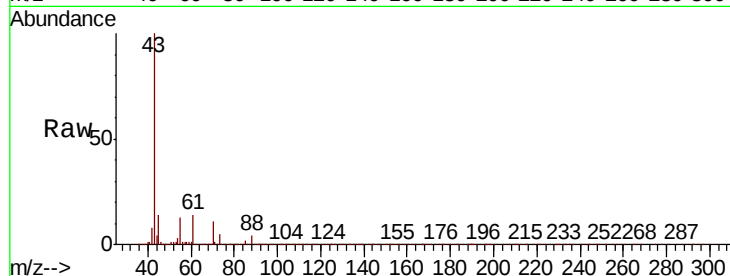
#37
Ethyl Acetate
Concen: 54.028 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX014286.D
Acq: 26 Dec 2019 21:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.3	10.8	16.2
70	11.0	8.6	12.8

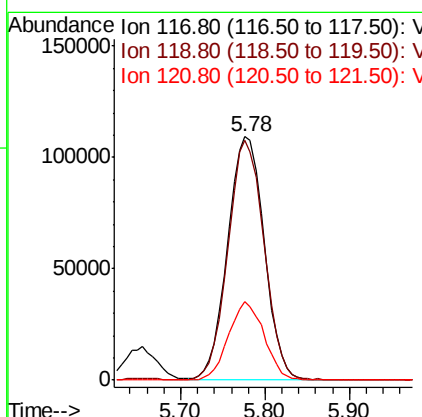
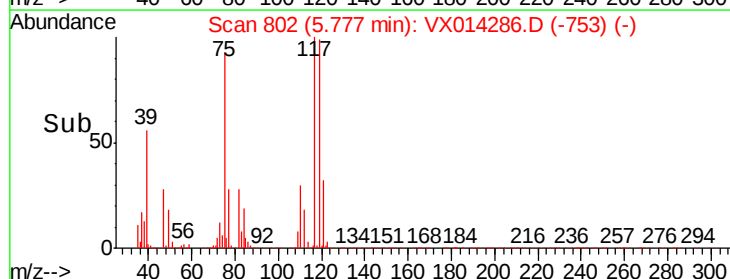
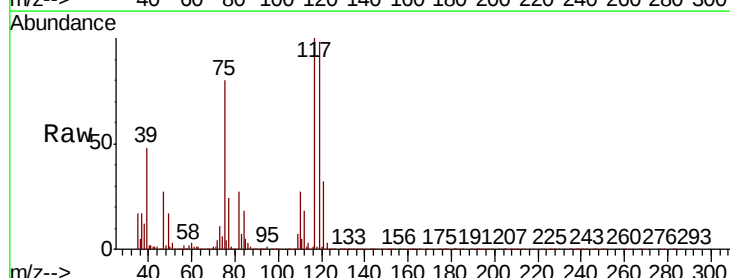
Manual Integrations
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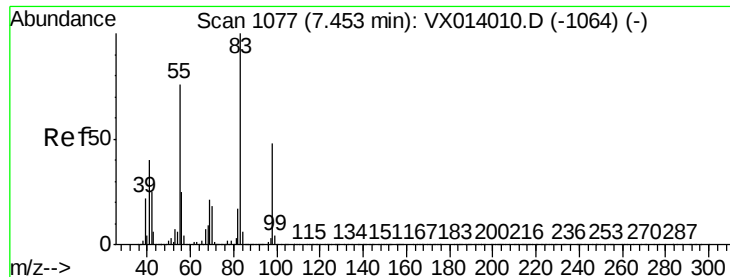
apatel
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#38
Carbon Tetrachloride
Concen: 51.833 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX014286.D
Acq: 26 Dec 2019 21:47

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.3	76.2	114.4
121	31.9	23.6	35.4





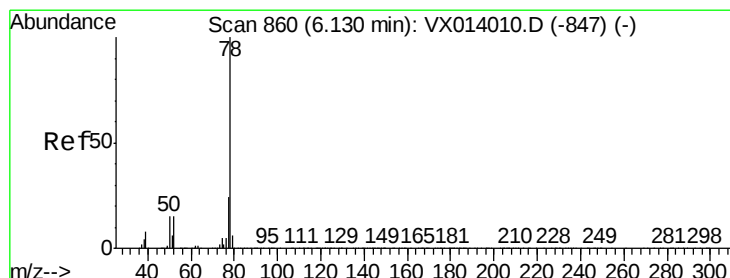
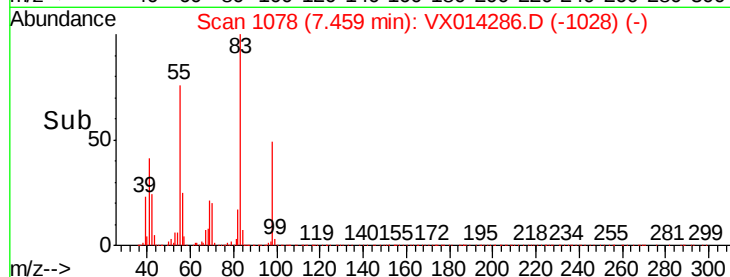
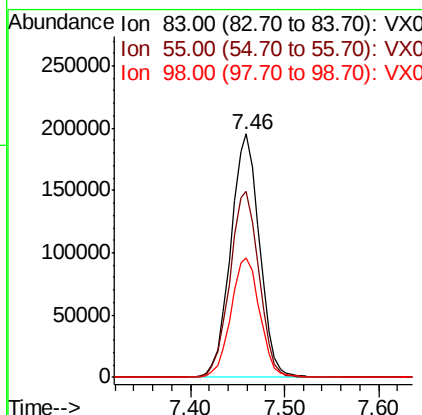
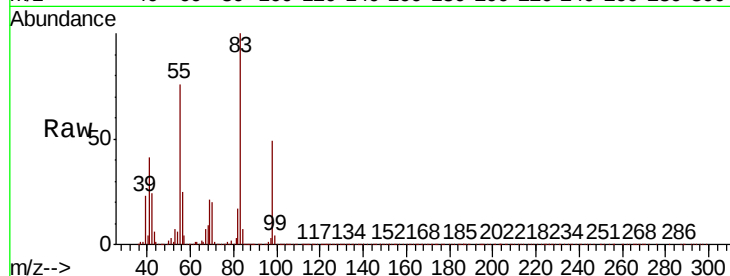
#39
Methylvlcyclohexane
Concen: 49.280 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.01 min
Lab File: VX014286.D
Acq: 26 Dec 2019 21:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	76.3	61.0	91.6
98	49.0	38.6	57.8

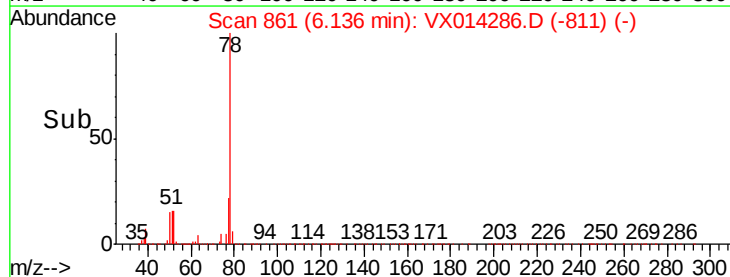
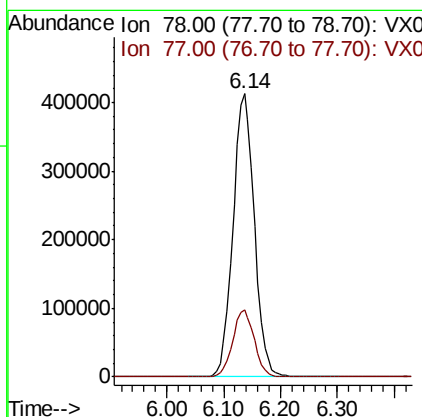
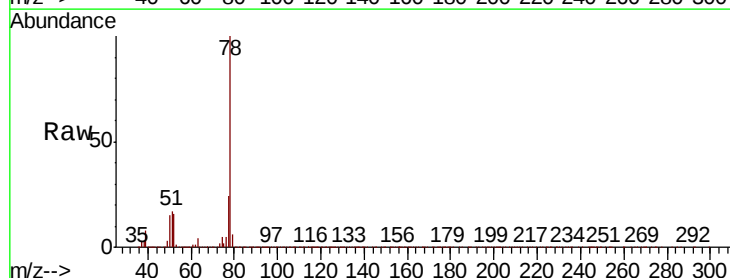
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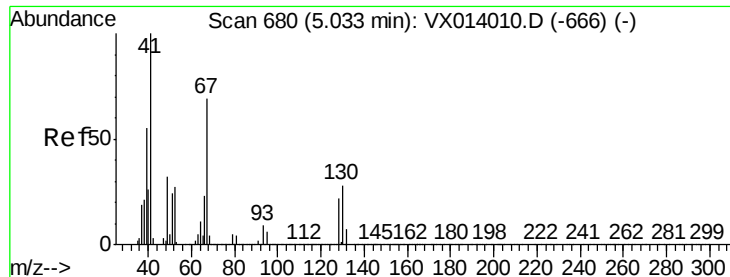
apatel
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#40
Benzene
Concen: 51.527 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.01 min
Lab File: VX014286.D
Acq: 26 Dec 2019 21:47

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.5	18.8	28.2





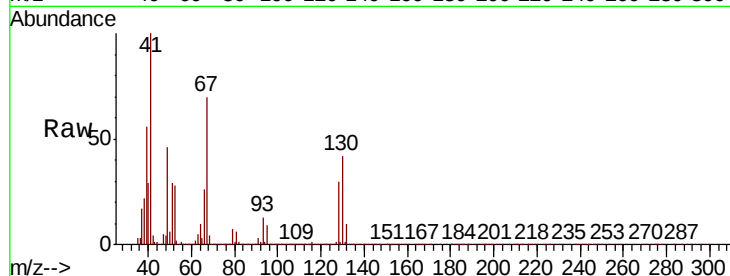
#41
Methacrylonitrile
Concen: 54.711 ug/l
RT: 5.03 min Scan# 679
Delta R.T. -0.01 min
Lab File: VX014286.D
Acq: 26 Dec 2019 21:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
41	100		
39	53.2	44.5	66.7
67	70.3	57.4	86.0
52	27.3	23.0	34.4

Manual Integrations
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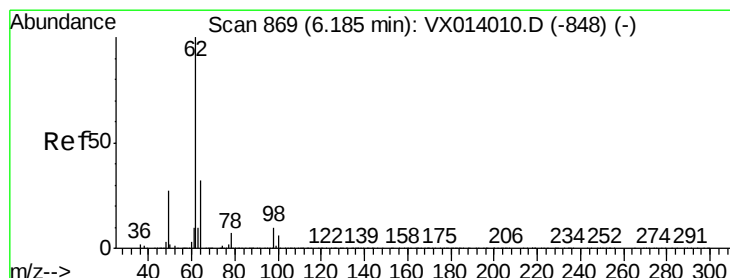
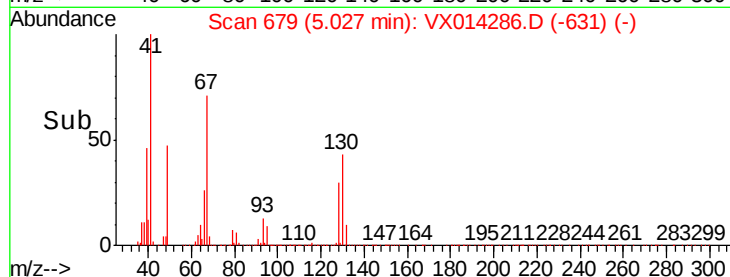
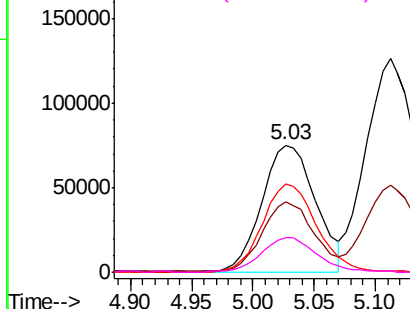
Abundance

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

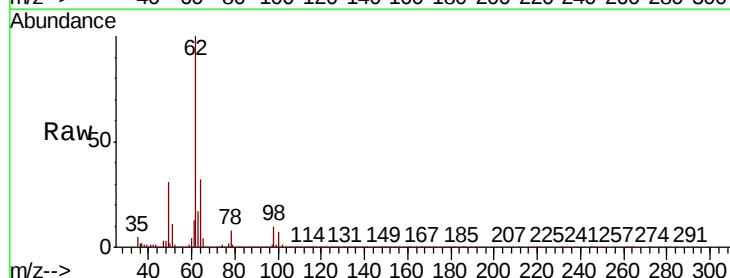
Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42
1,2-Dichloroethane
Concen: 52.016 ug/l
RT: 6.19 min Scan# 869
Delta R.T. 0.00 min
Lab File: VX014286.D
Acq: 26 Dec 2019 21:47

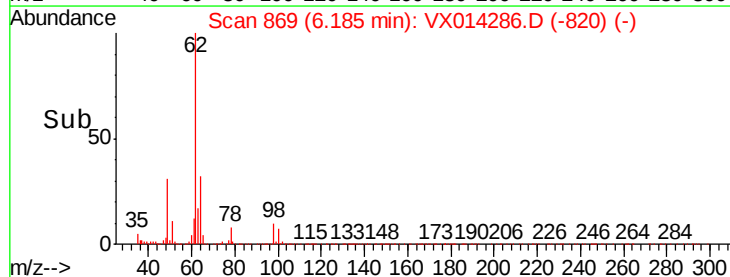
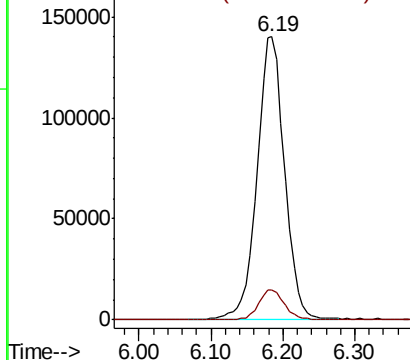
Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.0	0.0	21.0

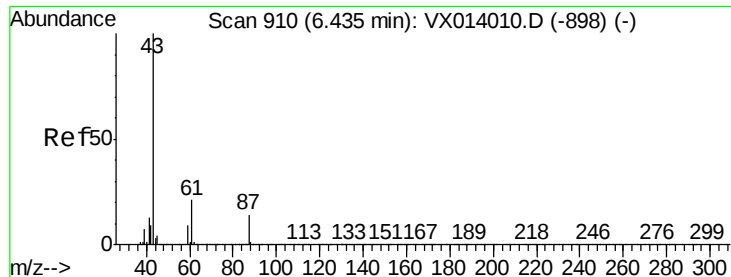


Abundance

Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

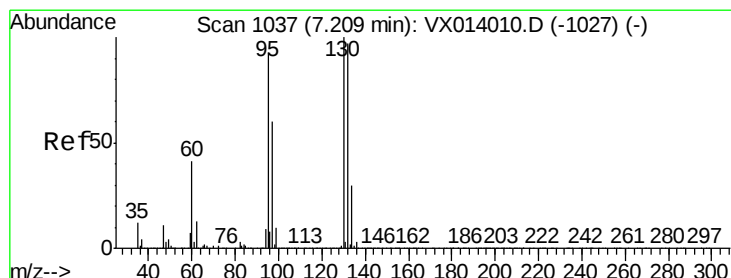
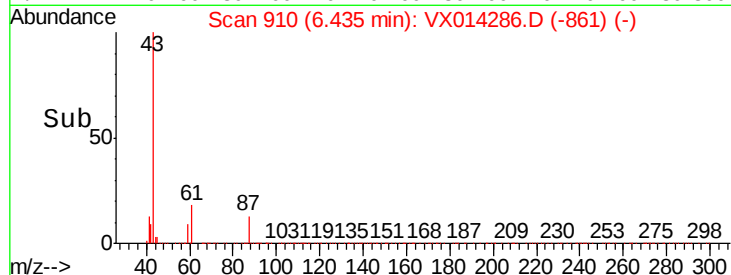
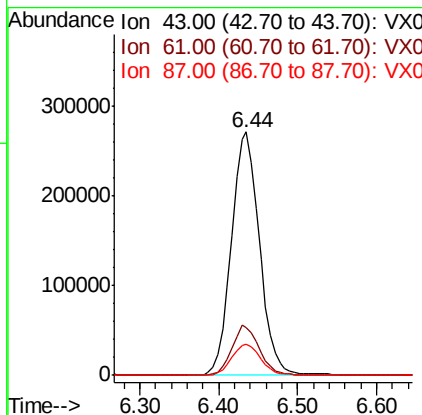
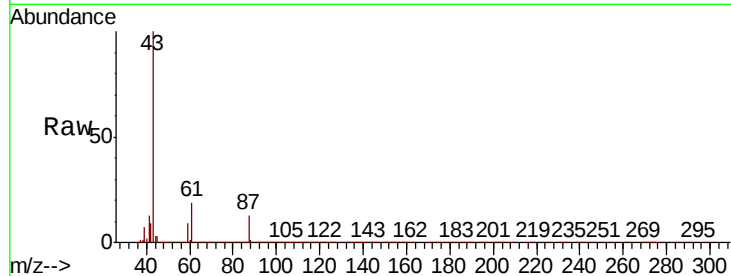
Isopropyl Acetate
 Concen: 53.511 ug/l
 RT: 6.44 min Scan# 910
 Delta R.T. 0.00 min
 Lab File: VX014286.D
 Acq: 26 Dec 2019 21:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	43	Resp	666852
Ion Ratio	Lower	Upper	
43	100		
61	19.9	16.4	24.6
87	13.4	10.7	16.1

Manual Integrations
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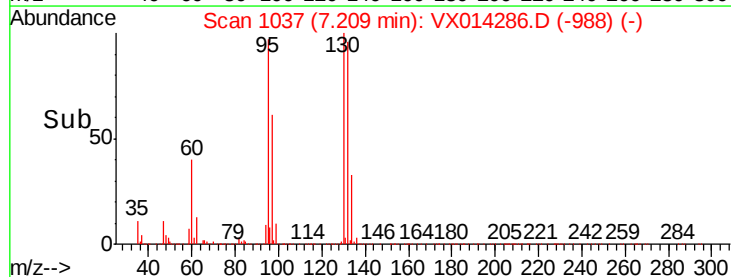
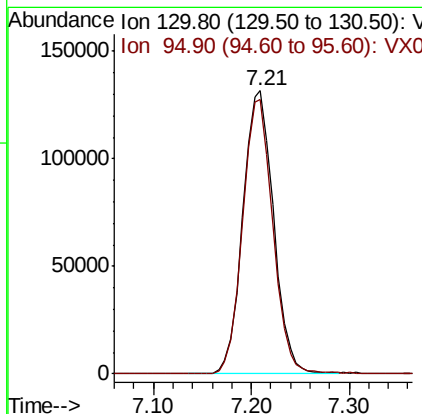
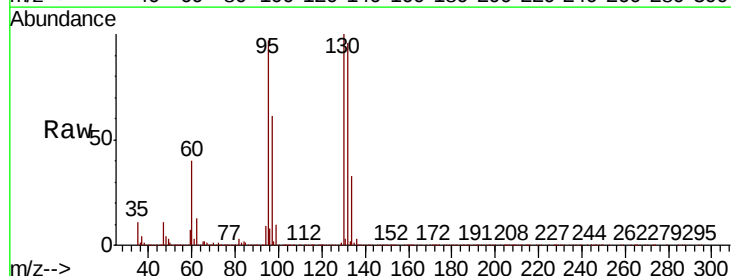
apatel
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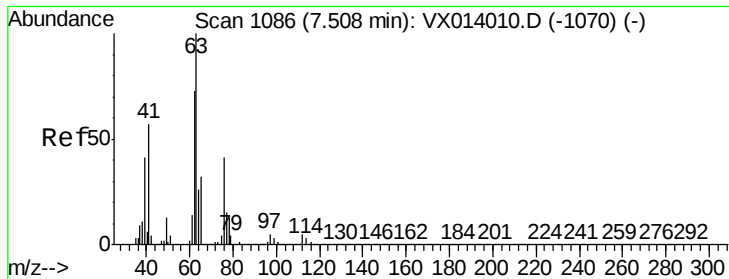


#44

Trichloroethene
 Concen: 49.297 ug/l
 RT: 7.21 min Scan# 1037
 Delta R.T. 0.00 min
 Lab File: VX014286.D
 Acq: 26 Dec 2019 21:47

Tgt Ion	130	Resp	285691
Ion Ratio	Lower	Upper	
130	100		
95	97.0	0.0	185.6





#45

1,2-Dichloropropane

Concen: 53.106 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX014286.D

Acq: 26 Dec 2019 21:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 63 Resp: 285587

Ion Ratio Lower Upper

63 100

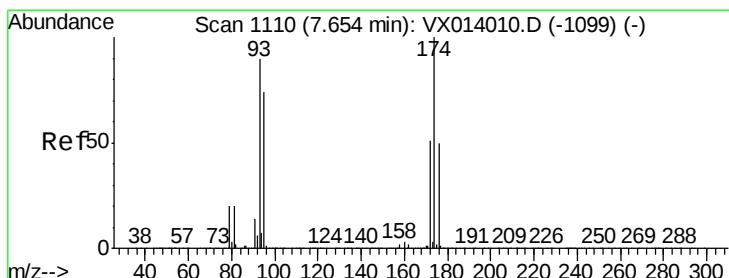
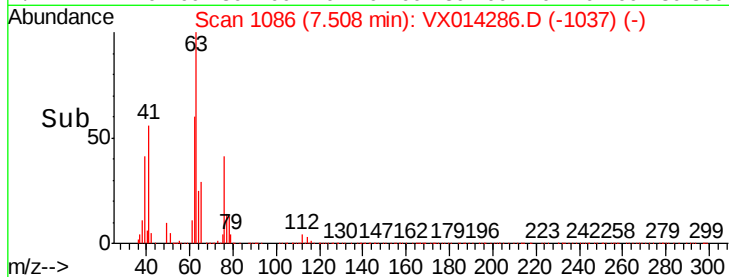
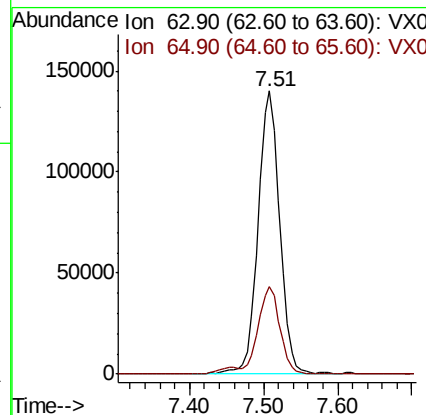
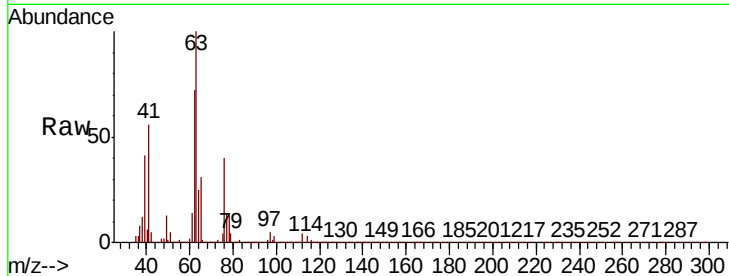
65 30.7 25.8 38.8

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#46

Dibromomethane

Concen: 51.127 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VX014286.D

Acq: 26 Dec 2019 21:47

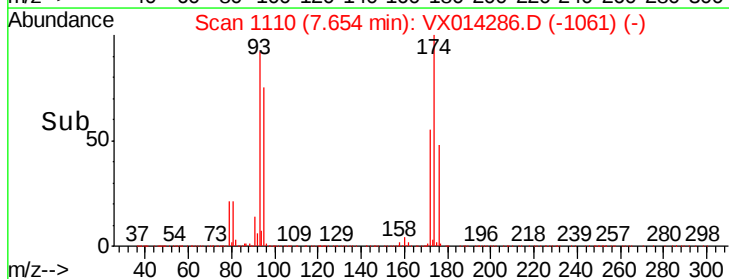
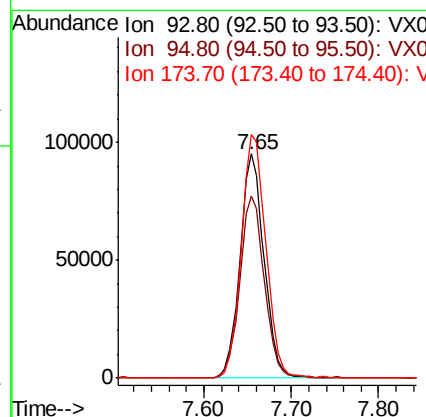
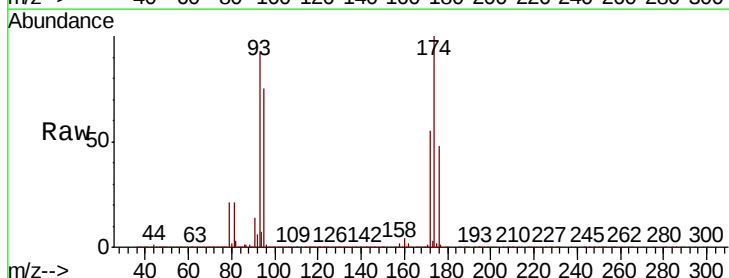
Tgt Ion: 93 Resp: 181782

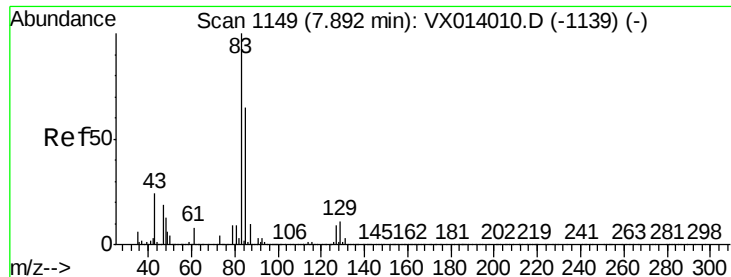
Ion Ratio Lower Upper

93 100

95 82.5 67.3 100.9

174 110.9 91.6 137.4





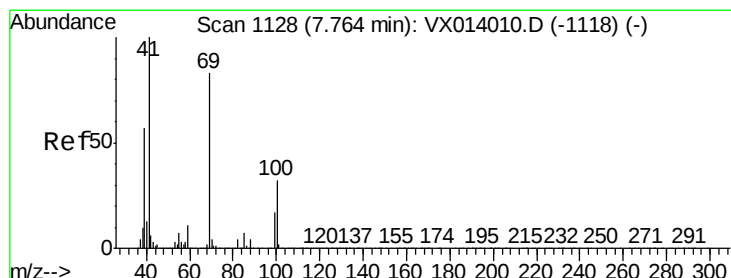
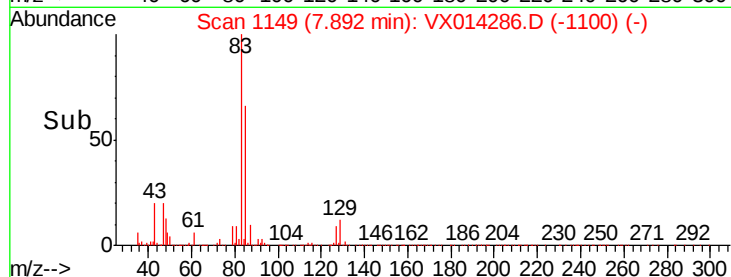
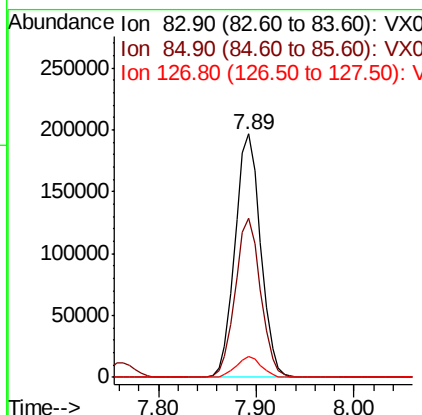
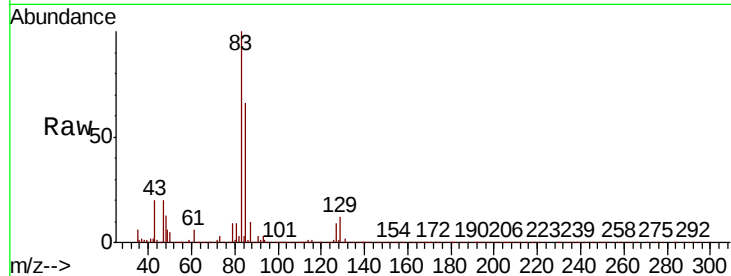
#47
Bromodichloromethane
Concen: 53.389 ug/l
RT: 7.89 min Scan# 1149
Delta R.T. 0.00 min
Lab File: VX014286.D
Acq: 26 Dec 2019 21:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
83	100	357506		
85	65.5	51.8	77.8	
127	8.8	7.0	10.4	

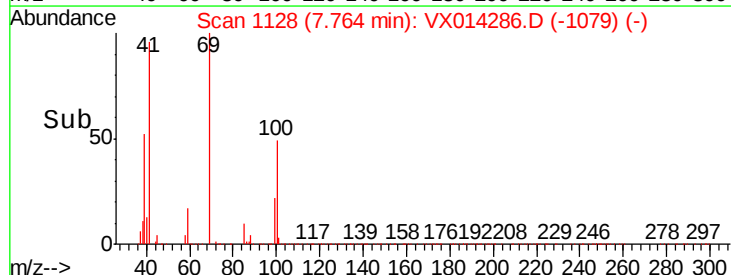
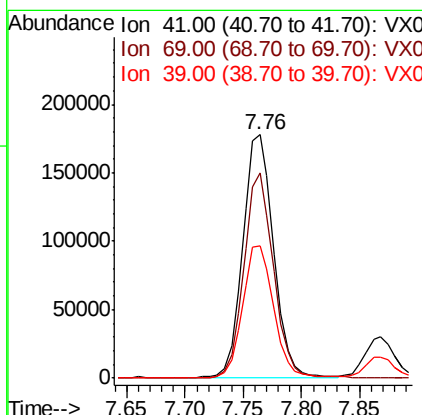
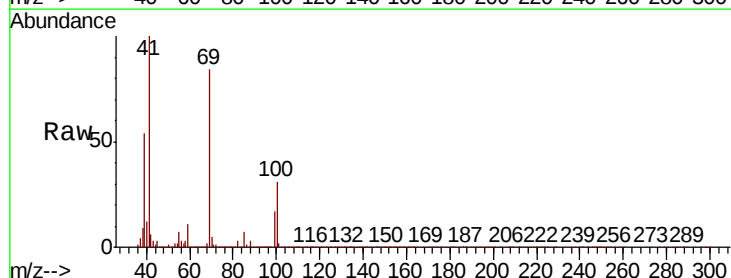
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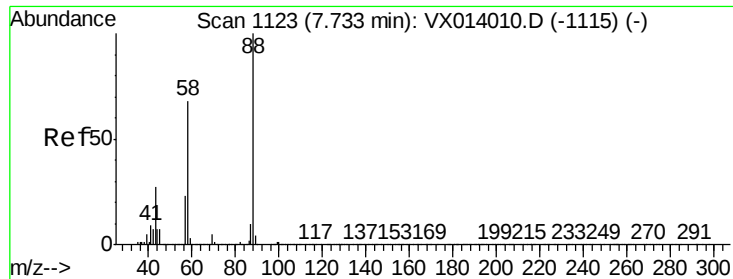
apatel
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#48
Methyl methacrylate
Concen: 53.587 ug/l
RT: 7.76 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX014286.D
Acq: 26 Dec 2019 21:47

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	327003		
69	81.2	65.8	98.6	
39	54.9	44.6	67.0	





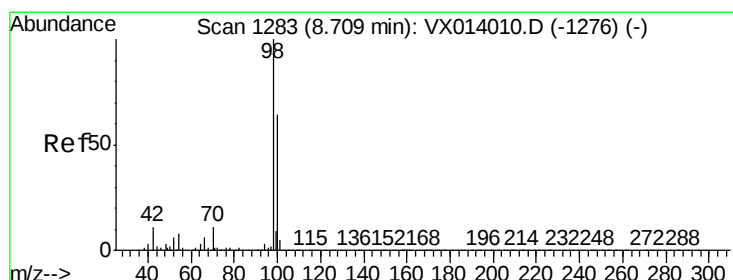
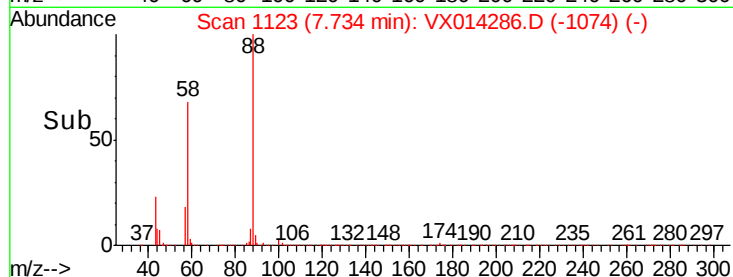
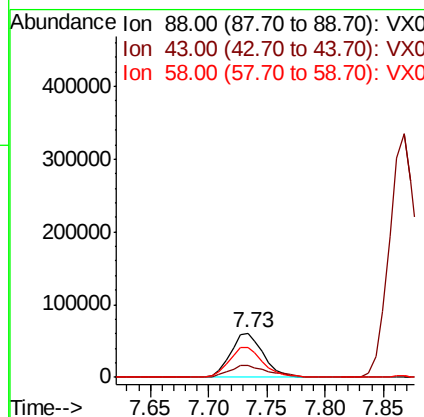
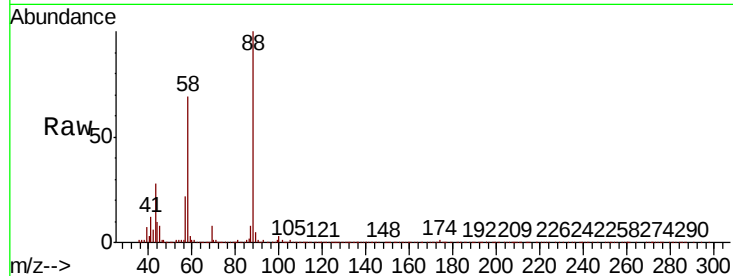
#49
1,4-Dioxane
Concen: 942.523 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. 0.00 min
Lab File: VX014286.D
Acq: 26 Dec 2019 21:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	32.8	26.5	39.7
58	70.7	56.8	85.2

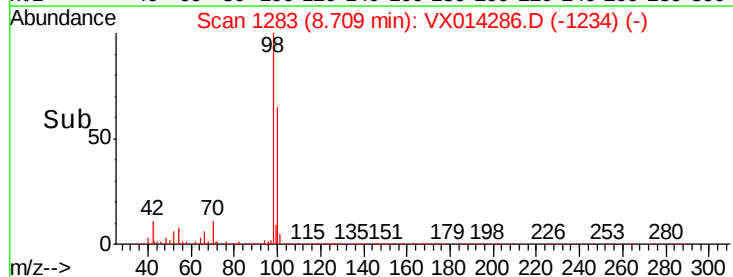
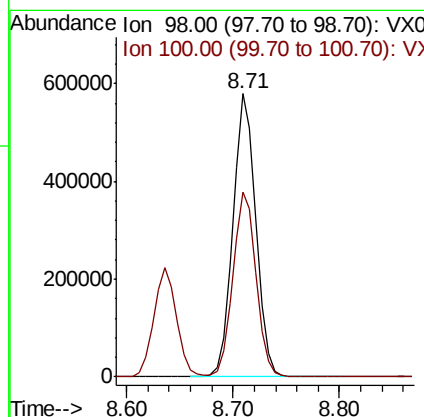
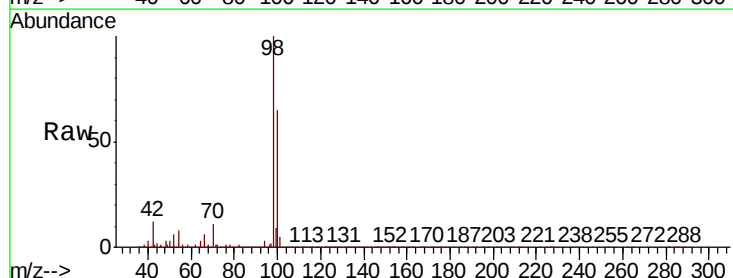
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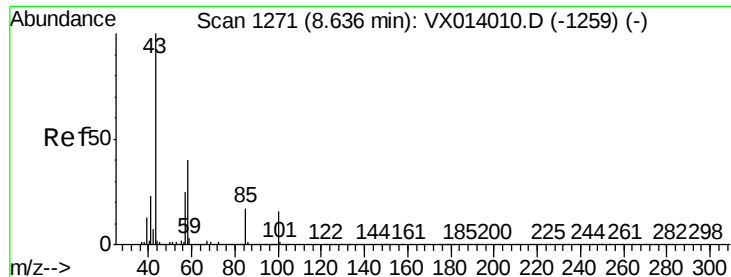
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#50
Toluene-d8
Concen: 49.587 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX014286.D
Acq: 26 Dec 2019 21:47

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.0	52.9	79.3





#51

4-Methyl-2-Pentanone

Concen: 266.360 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VX014286.D

Acq: 26 Dec 2019 21:47

Tot Ion: 43 Resp: 2084638

Ion Ratio Lower Upper

43 100

58 40.1 32.2 48.2

Instrument :

MSVOA_X

ClientSampleId :

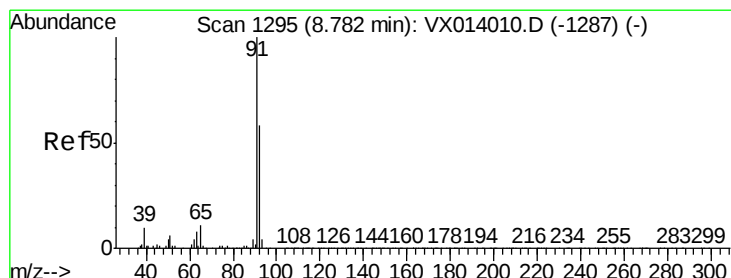
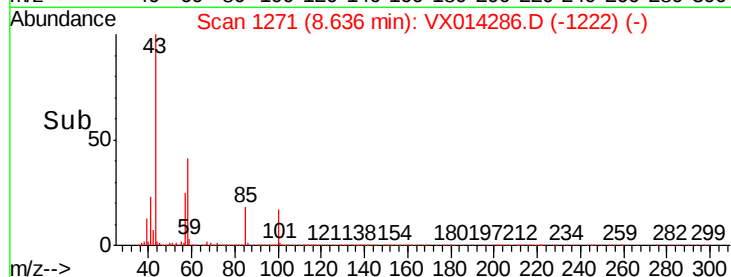
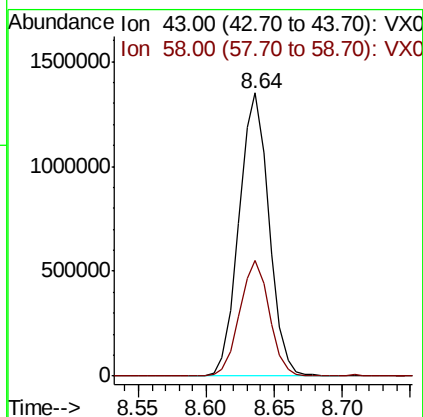
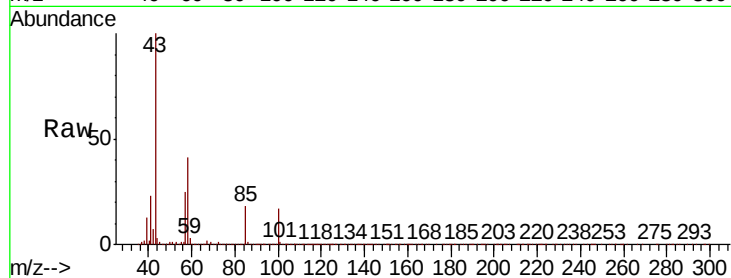
VSTDCCC050EC

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#52

Toluene

Concen: 51.083 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. 0.00 min

Lab File: VX014286.D

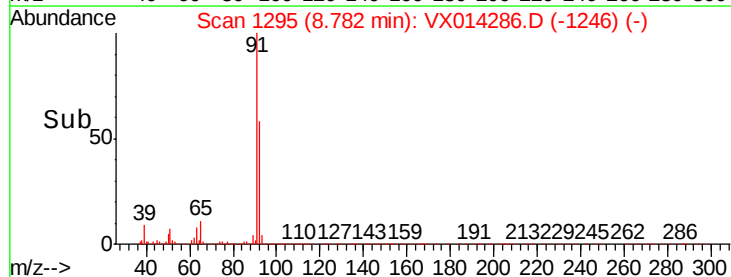
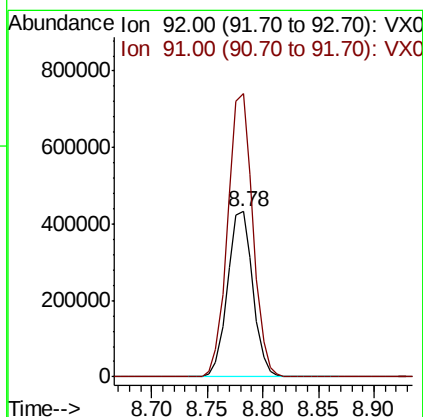
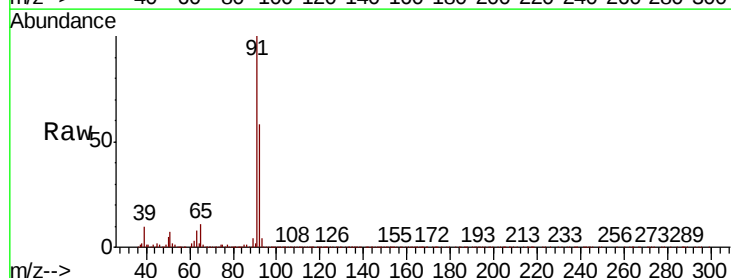
Acq: 26 Dec 2019 21:47

Tgt Ion: 92 Resp: 677441

Ion Ratio Lower Upper

92 100

91 171.0 136.2 204.4





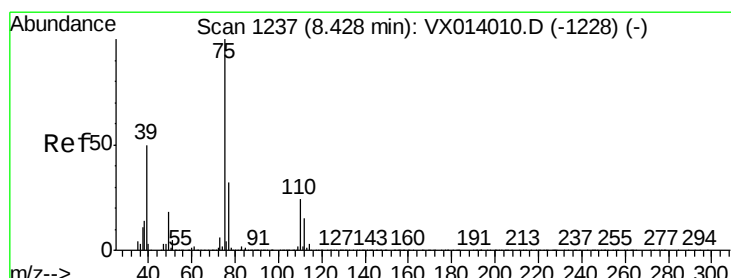
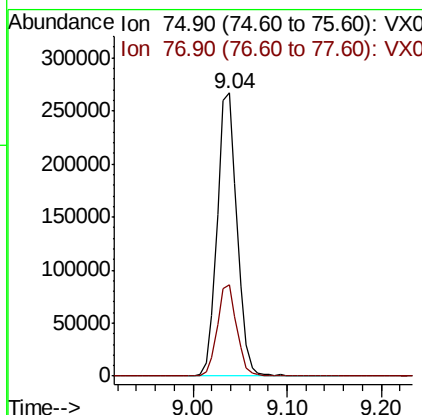
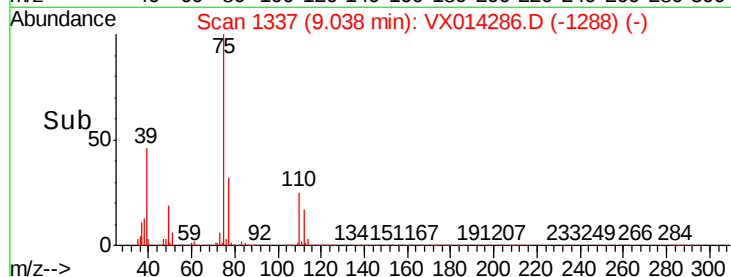
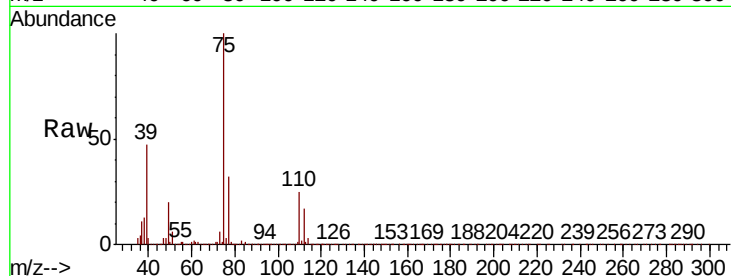
#53
t-1,3-Dichloropropene
Concen: 52.988 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. 0.00 min
Lab File: VX014286.D
Acq: 26 Dec 2019 21:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.3	25.1	37.7

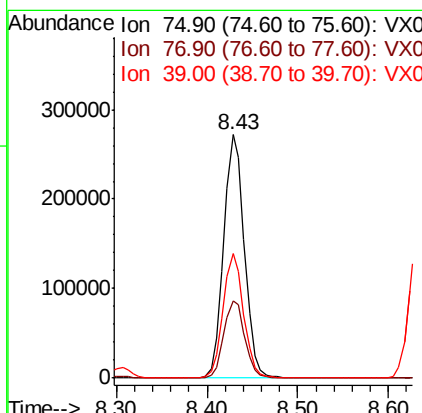
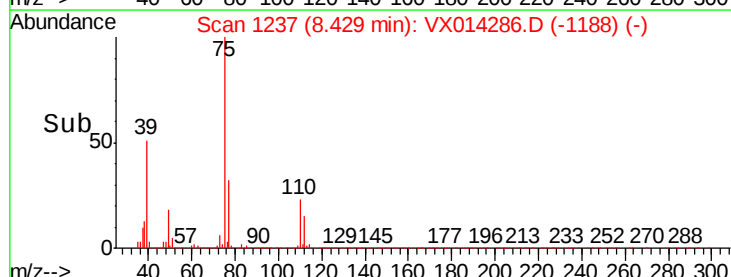
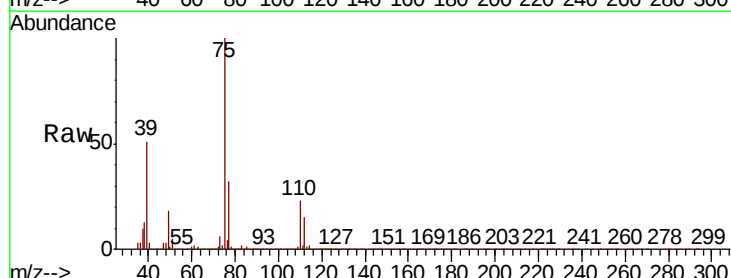
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#54
cis-1,3-Dichloropropene
Concen: 52.552 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX014286.D
Acq: 26 Dec 2019 21:47

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.8	25.3	37.9
39	50.8	39.9	59.9





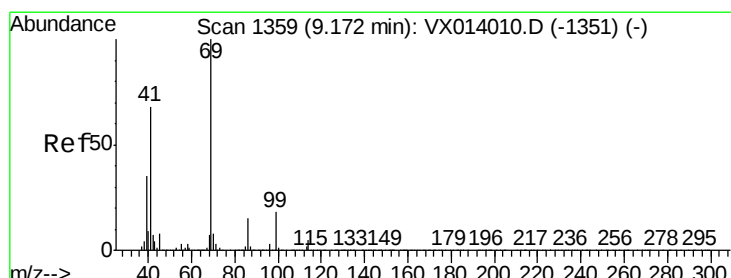
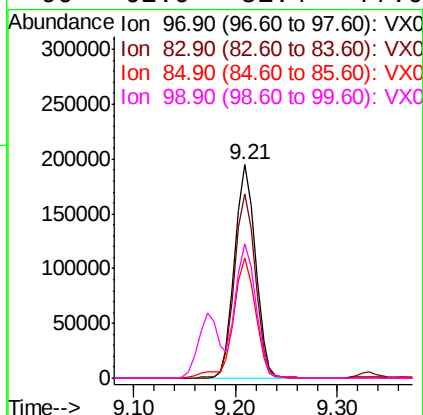
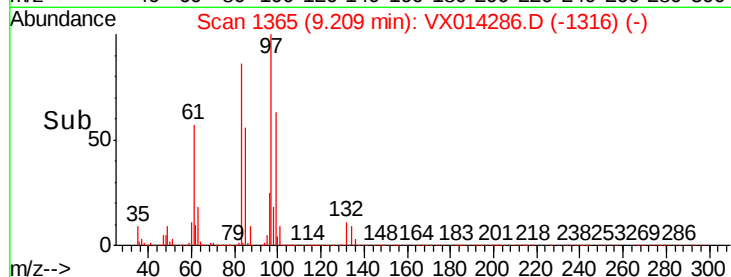
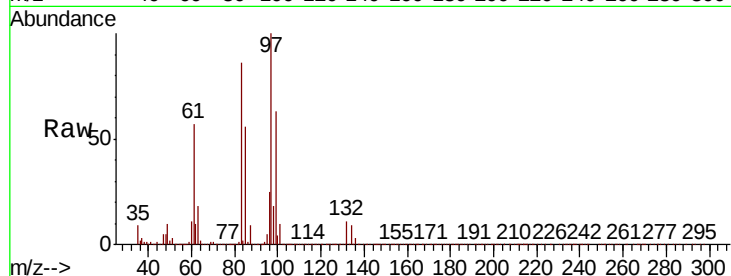
#55
 1,1,2-Trichloroethane
 Concen: 52.095 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX014286.D
 Acq: 26 Dec 2019 21:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		276894		
83	86.4	68.2	102.4		
85	56.0	44.6	66.8		
99	62.9	51.4	77.0		

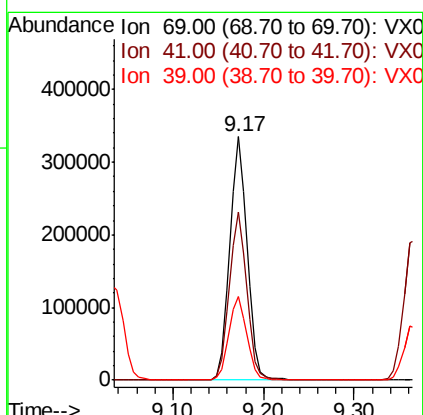
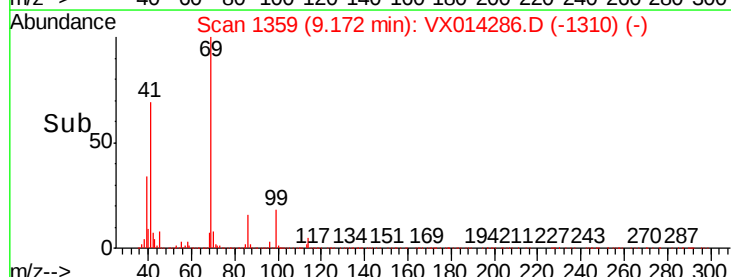
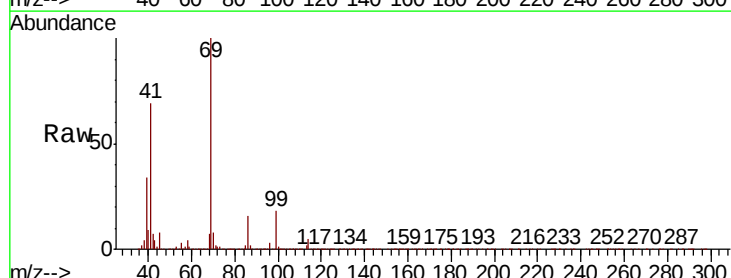
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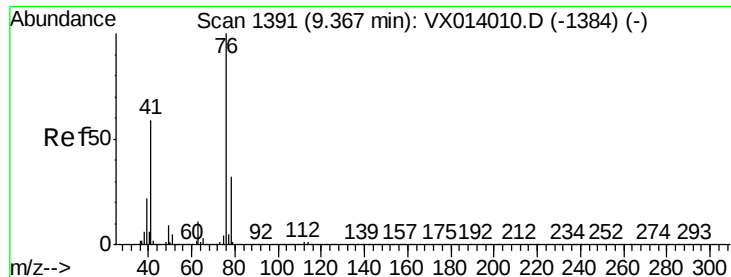
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#56
 Ethyl methacrylate
 Concen: 53.684 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX014286.D
 Acq: 26 Dec 2019 21:47

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		448223		
41	68.9	54.8	82.2		
39	35.4	28.3	42.5		





#57

1,3-Dichloropropane

Concen: 52.778 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX014286.D

Acq: 26 Dec 2019 21:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 471977

Ion Ratio Lower Upper

76 100

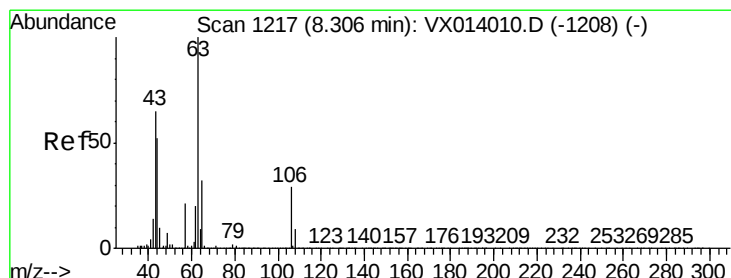
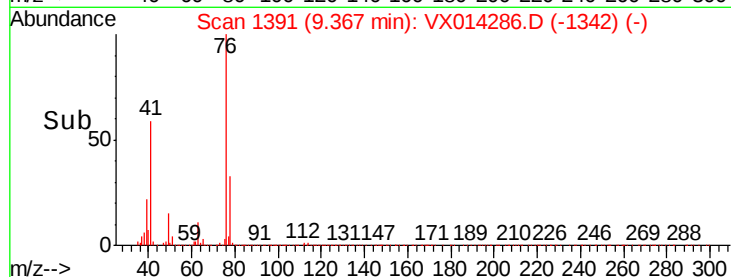
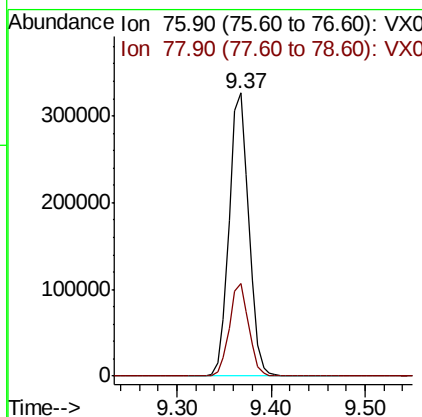
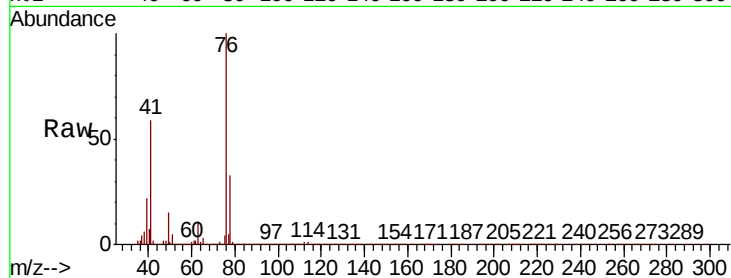
78 32.2 25.8 38.6

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#58

2-Chloroethyl Vinyl ether

Concen: 266.438 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. 0.00 min

Lab File: VX014286.D

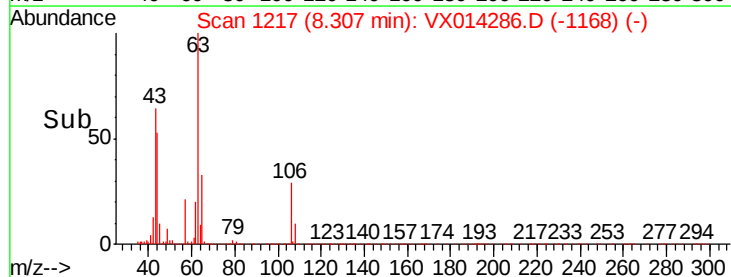
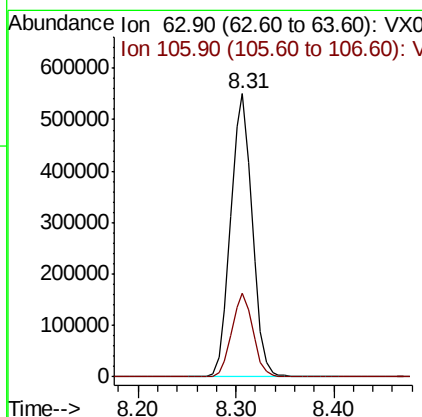
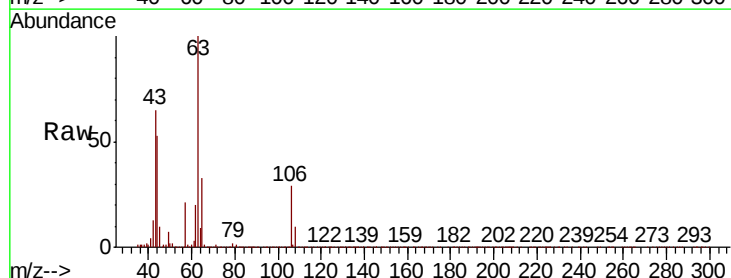
Acq: 26 Dec 2019 21:47

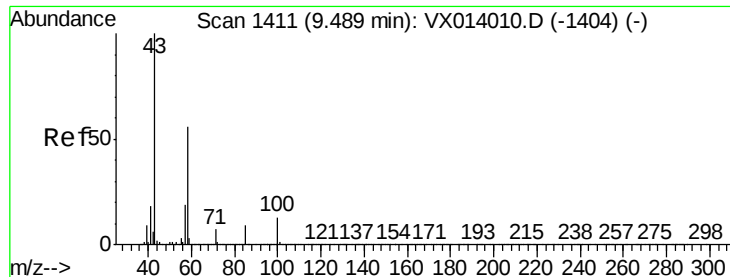
Tgt Ion: 63 Resp: 841850

Ion Ratio Lower Upper

63 100

106 29.0 23.0 34.6





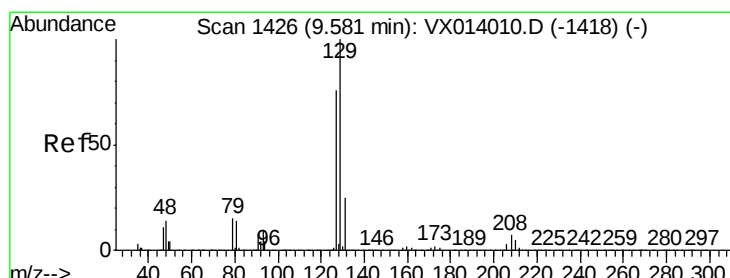
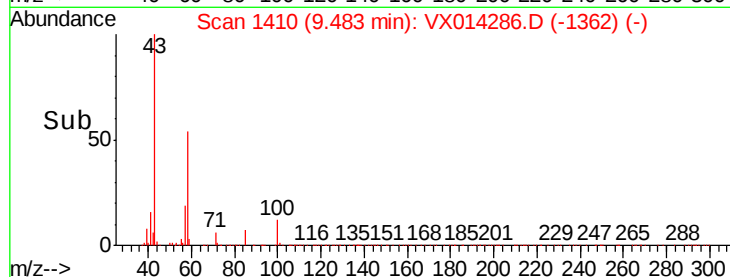
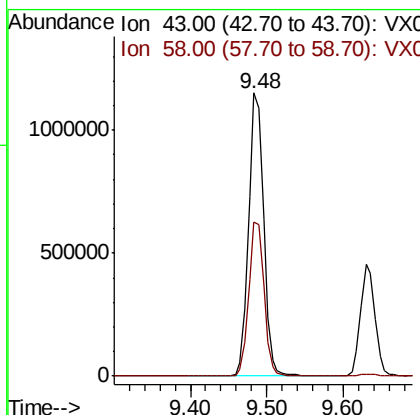
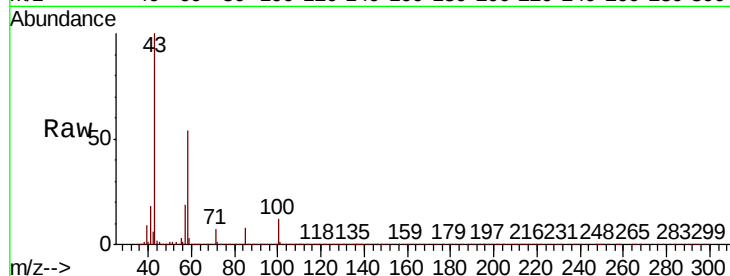
#59
2-Hexanone
Concen: 250.126 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VX014286.D
Acq: 26 Dec 2019 21:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 1575855
Ion Ratio Lower Upper
43 100
58 55.3 28.0 84.0

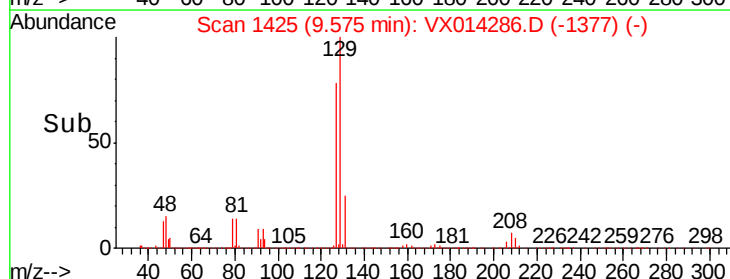
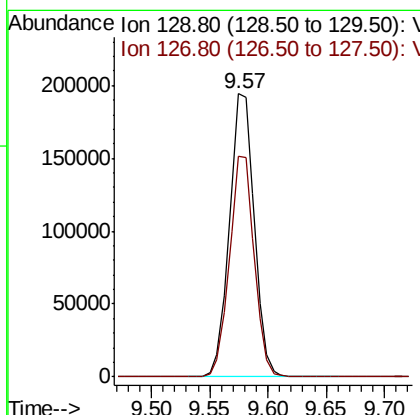
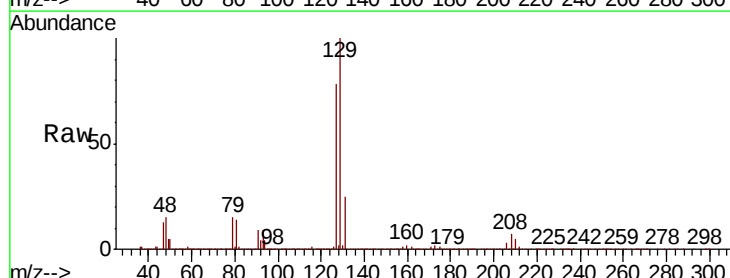
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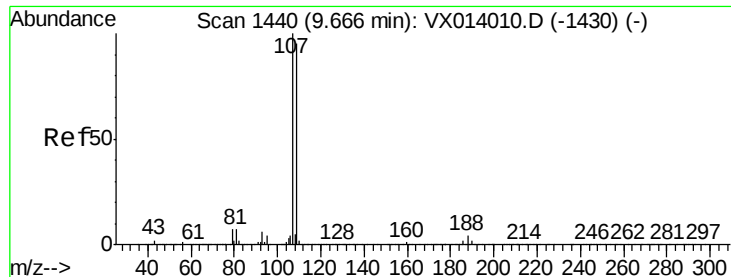
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#60
Dibromochloromethane
Concen: 54.715 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX014286.D
Acq: 26 Dec 2019 21:47

Tgt Ion: 129 Resp: 289074
Ion Ratio Lower Upper
129 100
127 77.4 38.4 115.2





#61

1,2-Dibromoethane

Concen: 52.593 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX014286.D

Acq: 26 Dec 2019 21:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 107 Resp: 286011

Ion Ratio Lower Upper

107 100

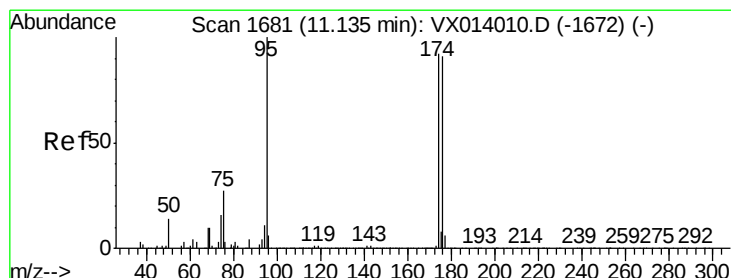
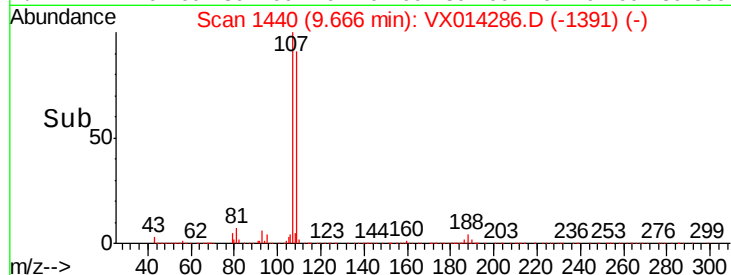
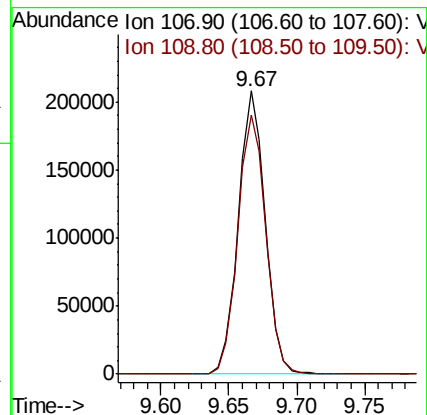
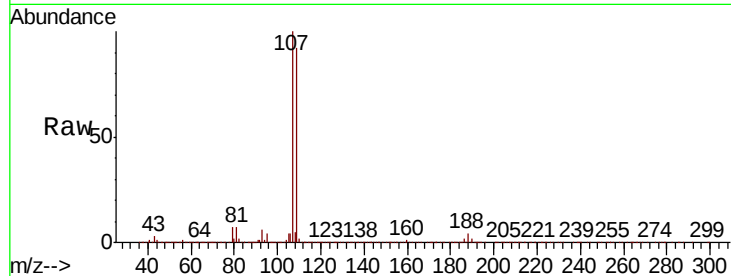
109 95.0 75.7 113.5

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#62

4-Bromofluorobenzene

Concen: 48.205 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX014286.D

Acq: 26 Dec 2019 21:47

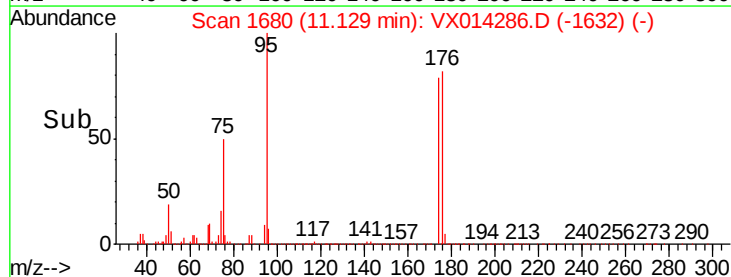
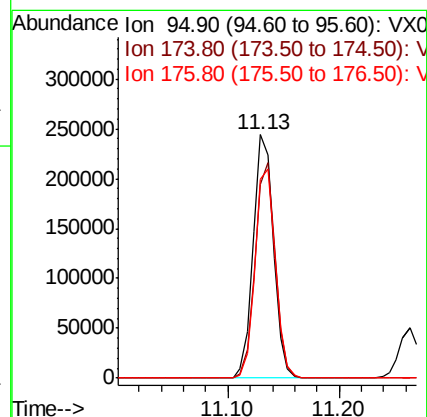
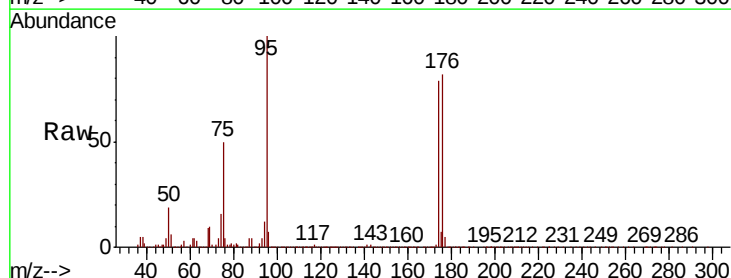
Tgt Ion: 95 Resp: 309930

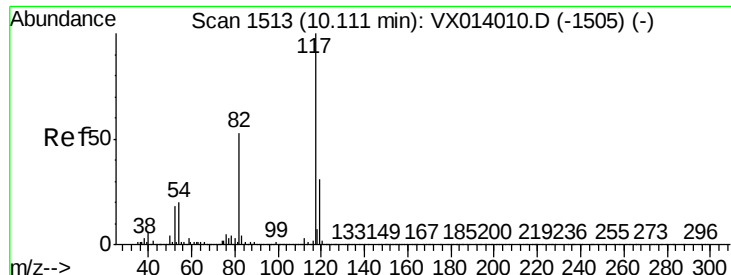
Ion Ratio Lower Upper

95 100

174 87.7 0.0 175.8

176 86.0 0.0 173.0





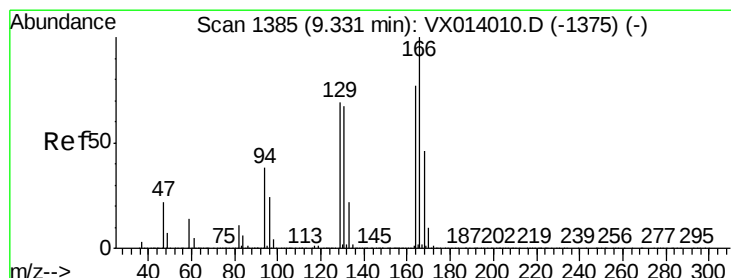
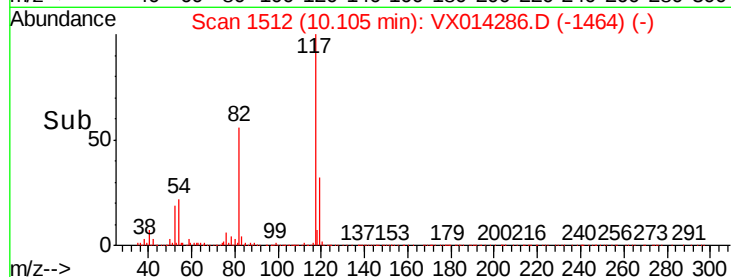
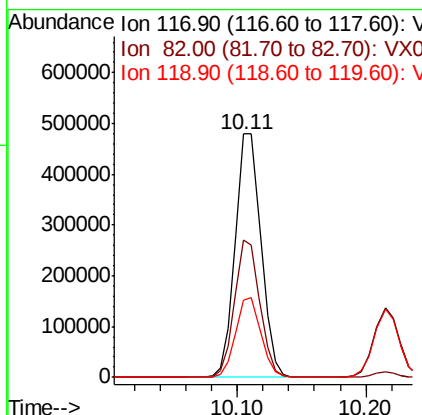
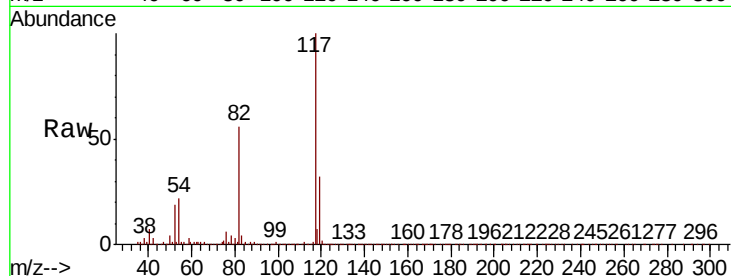
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX014286.D
Acq: 26 Dec 2019 21:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
117	100	671698		
82	56.1	42.2	63.4	
119	31.7	25.1	37.7	

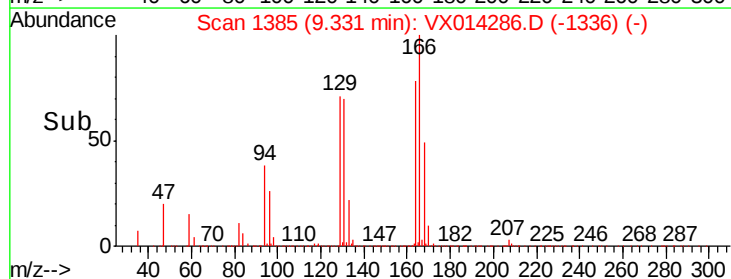
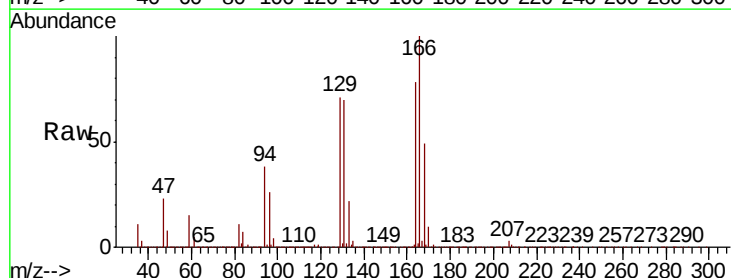
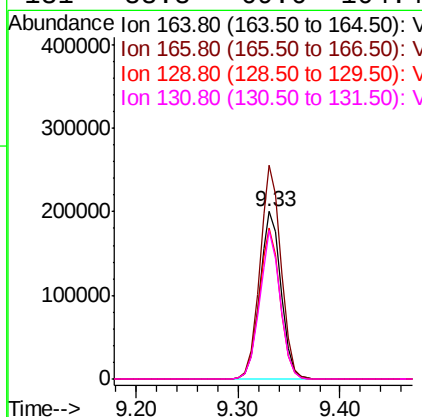
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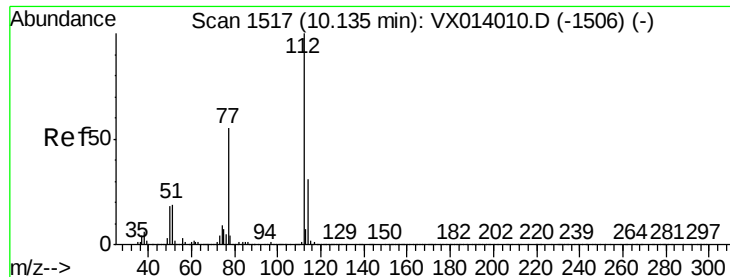
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#64
Tetrachloroethene
Concen: 49.180 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX014286.D
Acq: 26 Dec 2019 21:47

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	292312		
166	127.5	104.0	156.0	
129	90.1	72.2	108.4	
131	88.8	69.6	104.4	





#65

Chlorobenzene

Concen: 50.925 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. 0.00 min

Lab File: VX014286.D

Acq: 26 Dec 2019 21:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:112 Resp: 727303

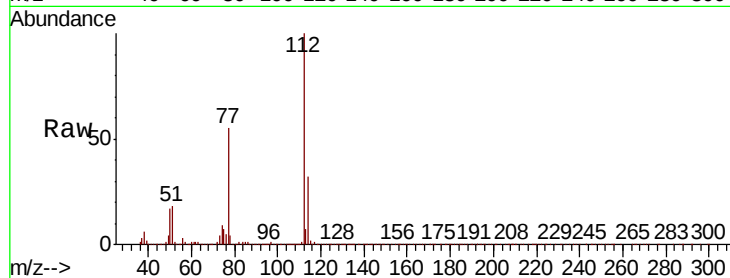
Ion Ratio Lower Upper

112 100

114 31.8 24.9 37.3

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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

10.14

600000

500000

400000

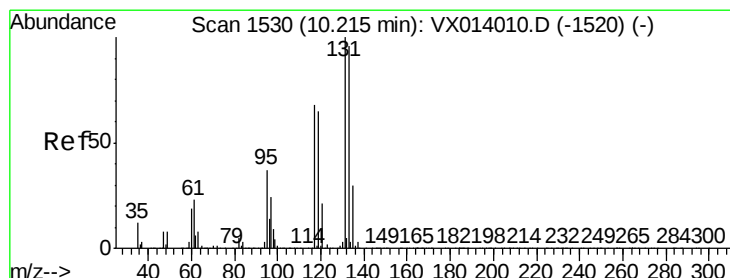
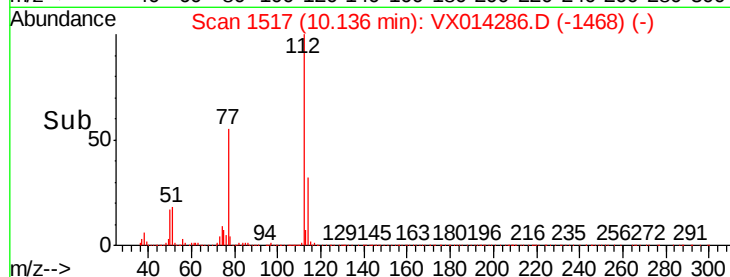
300000

200000

100000

0

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 52.380 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX014286.D

Acq: 26 Dec 2019 21:47

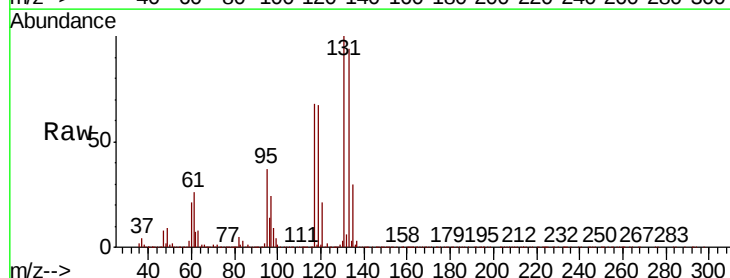
Tgt Ion:131 Resp: 267109

Ion Ratio Lower Upper

131 100

133 95.9 48.0 144.0

119 66.8 33.4 100.2



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

250000

200000

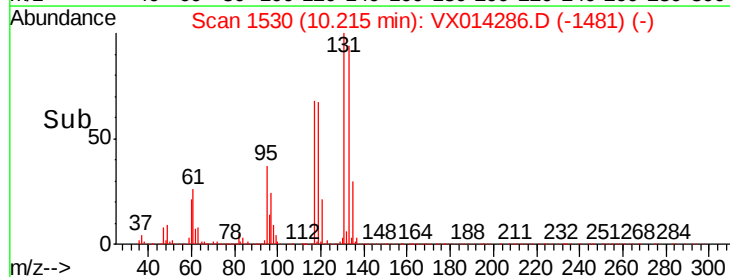
150000

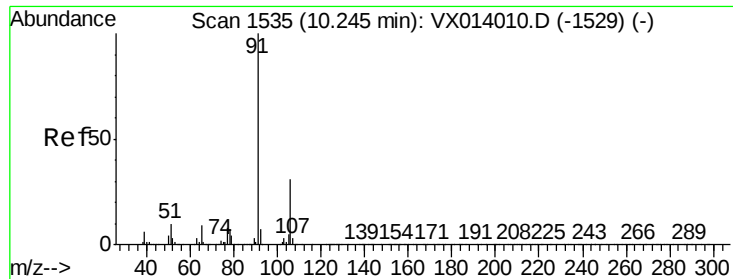
100000

50000

0

Time-->





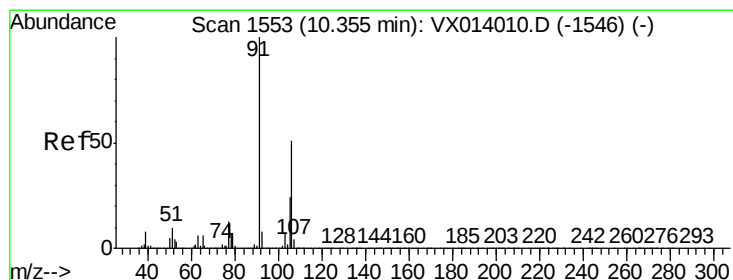
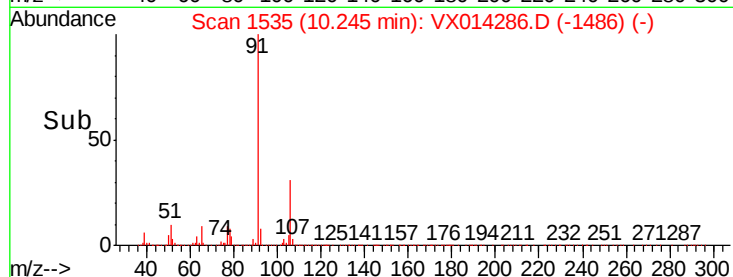
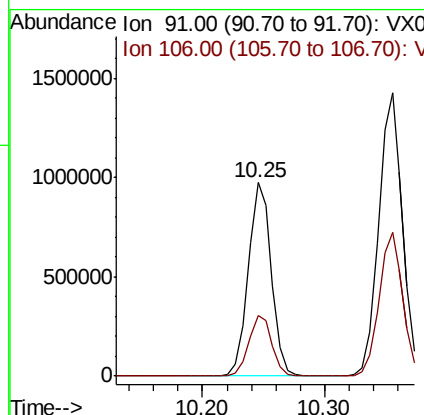
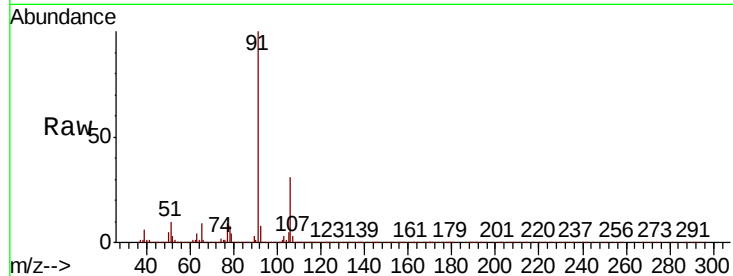
#67
Ethyl Benzene
Concen: 51.668 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX014286.D
Acq: 26 Dec 2019 21:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 1268668
Ion Ratio Lower Upper
91 100
106 31.1 25.0 37.6

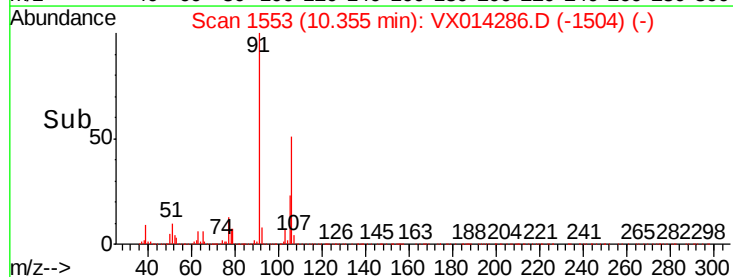
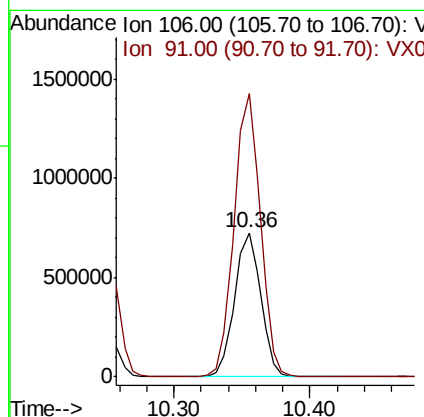
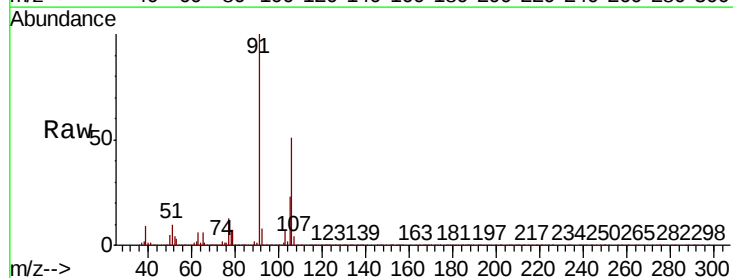
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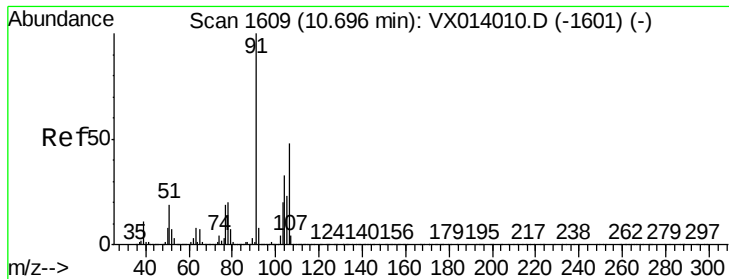
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#68
m/p-Xylenes
Concen: 102.855 ug/l
RT: 10.36 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX014286.D
Acq: 26 Dec 2019 21:47

Tgt Ion: 106 Resp: 971344
Ion Ratio Lower Upper
106 100
91 197.5 158.6 238.0





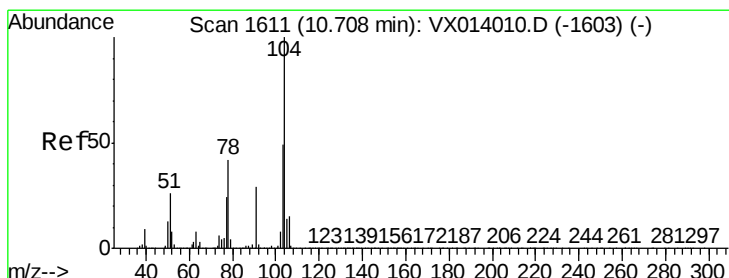
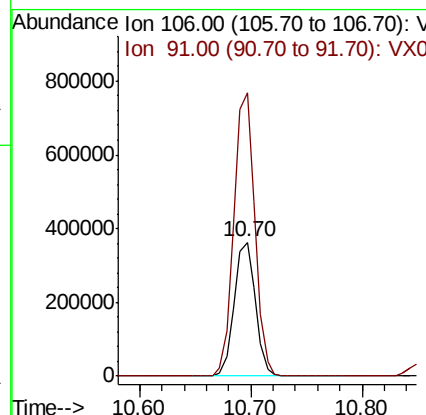
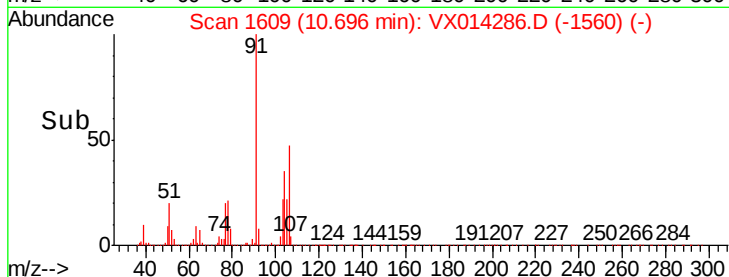
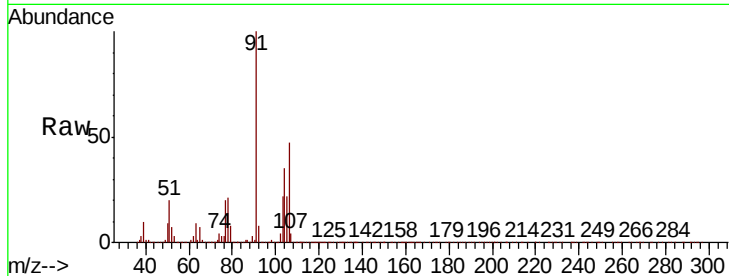
#69
o-Xylene
Concen: 51.280 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX014286.D
Acq: 26 Dec 2019 21:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:106 Resp: 474963
Ion Ratio Lower Upper
106 100
91 210.7 104.2 312.6

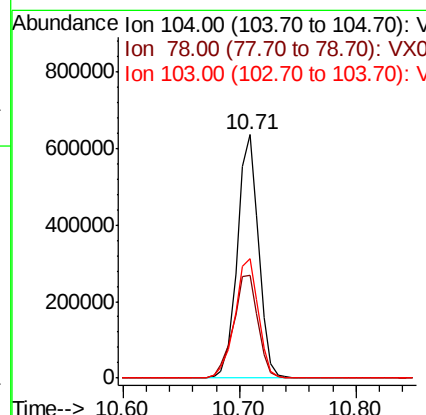
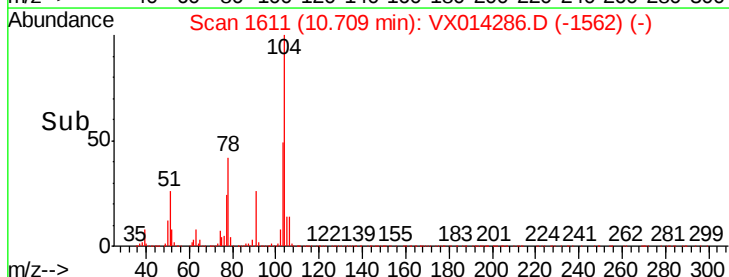
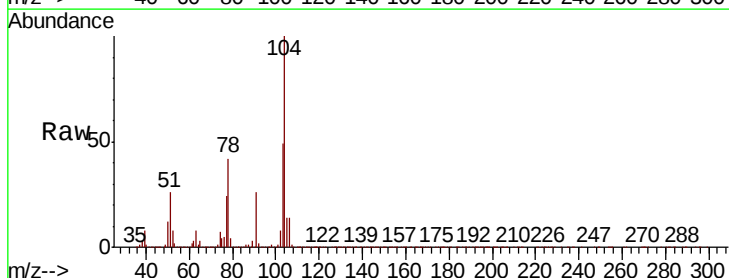
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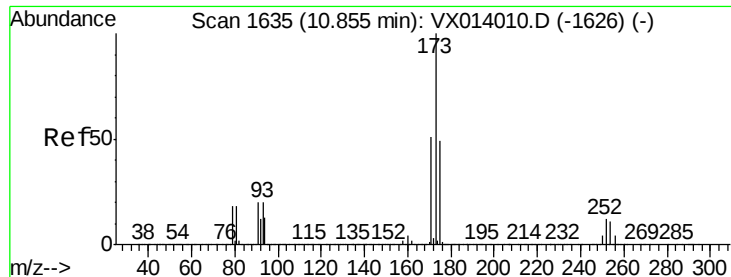
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#70
Styrene
Concen: 51.375 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX014286.D
Acq: 26 Dec 2019 21:47

Tgt Ion:104 Resp: 804639
Ion Ratio Lower Upper
104 100
78 49.1 38.5 57.7
103 54.6 42.9 64.3





#71

Bromoform

Concen: 53.169 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX014286.D

Acq: 26 Dec 2019 21:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:173 Resp: 217947

Ion Ratio Lower Upper

173 100

175 48.9 24.4 73.4

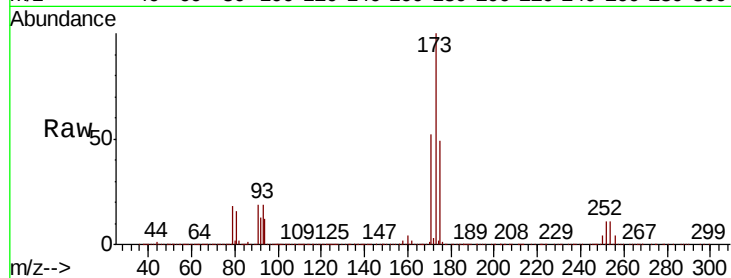
254 0.1 0.2 0.2#

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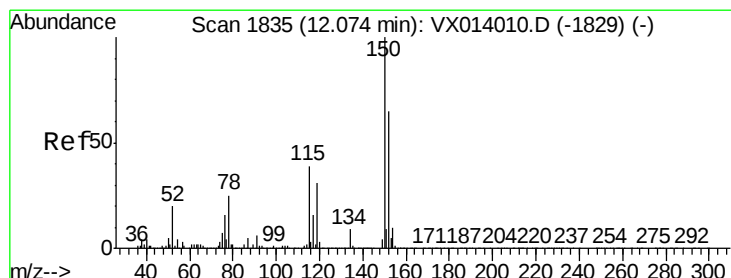
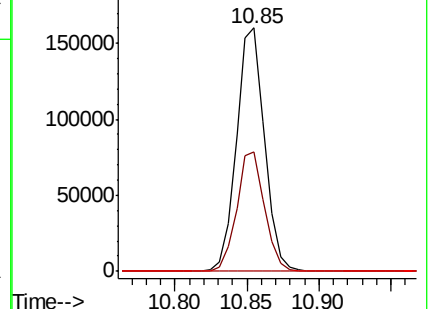
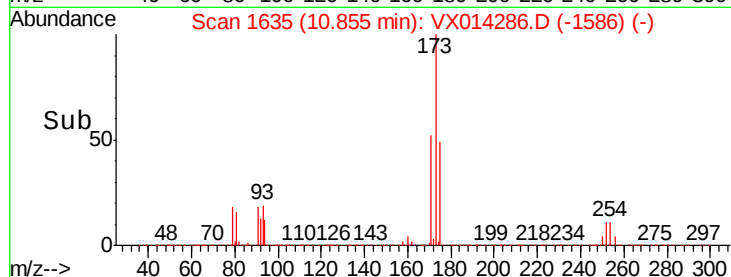
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Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX014286.D

Acq: 26 Dec 2019 21:47

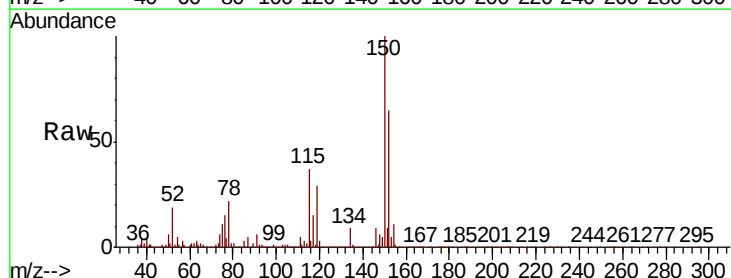
Tgt Ion:152 Resp: 334843

Ion Ratio Lower Upper

152 100

115 77.8 38.3 114.9

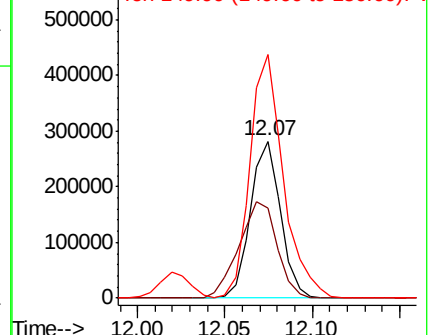
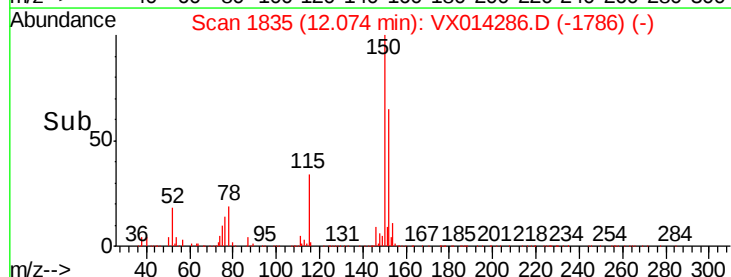
150 173.0 0.0 345.4

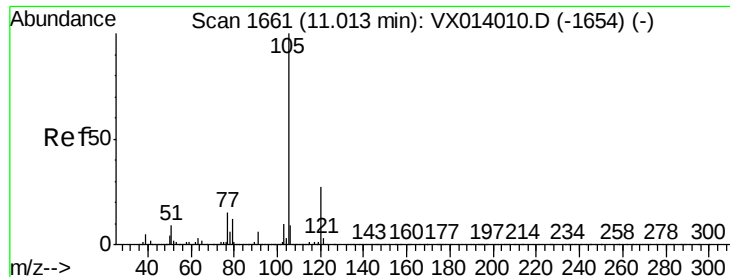


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 53.287 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX014286.D

Acq: 26 Dec 2019 21:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 105 Resp: 1256265

Ion Ratio Lower Upper

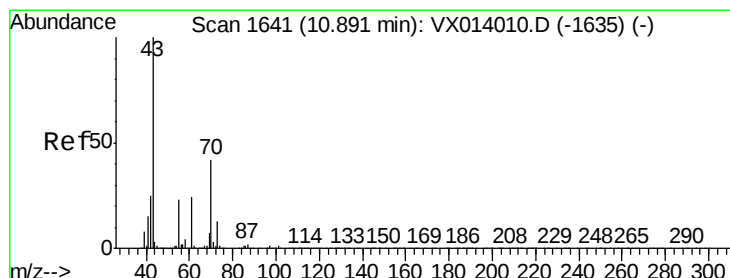
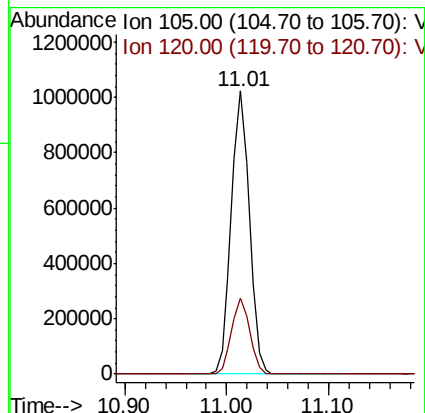
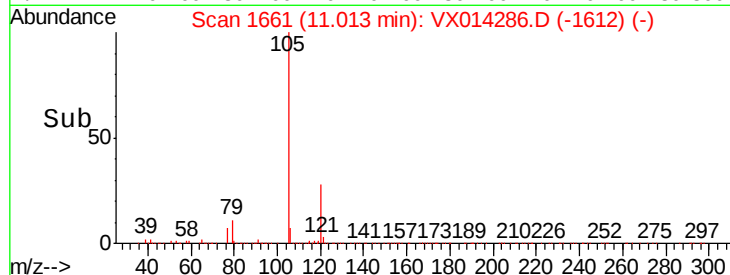
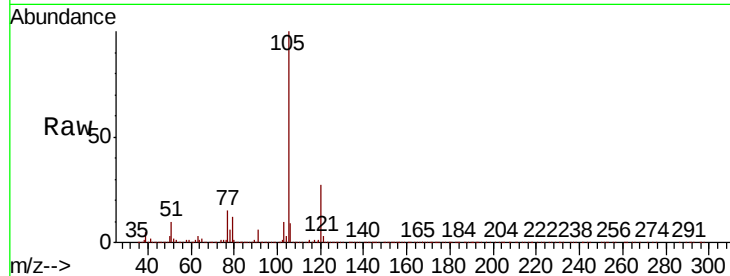
105 100

120 26.9 13.5 40.4

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#74

N-ethyl acetate

Concen: 52.044 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX014286.D

Acq: 26 Dec 2019 21:47

Tgt Ion: 43 Resp: 575128

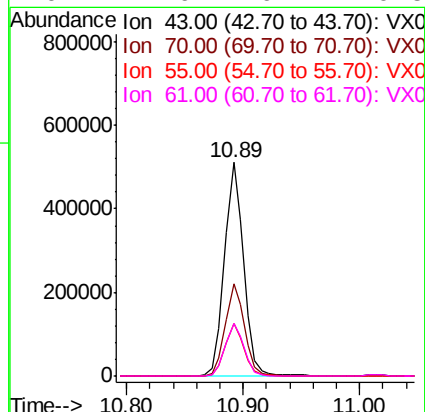
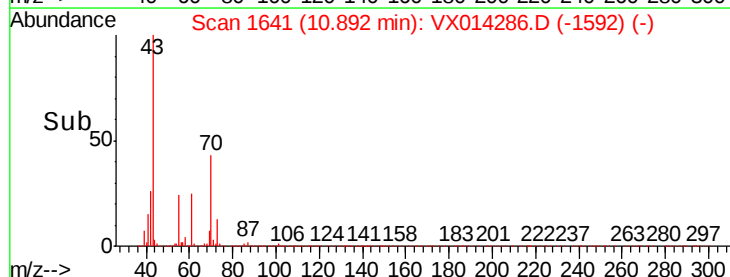
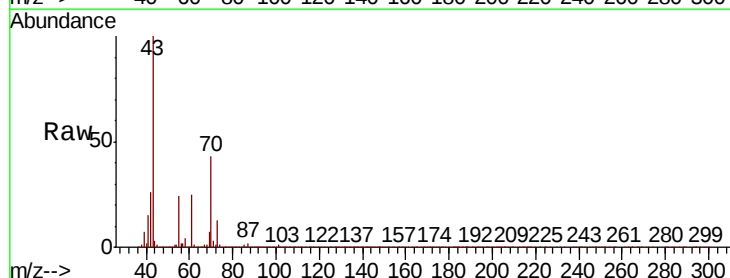
Ion Ratio Lower Upper

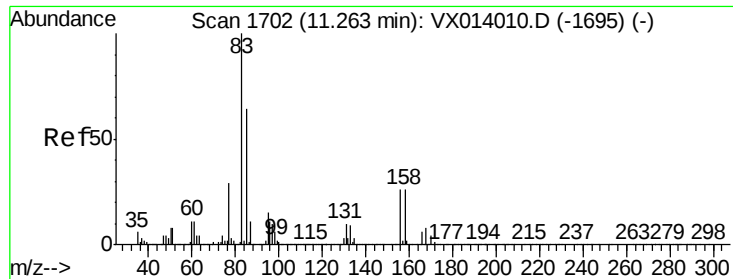
43 100

70 43.7 34.4 51.6

55 24.4 19.1 28.7

61 24.6 19.7 29.5





#75

1,1,2,2-Tetrachloroethane

Concen: 52.670 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX014286.D

Acq: 26 Dec 2019 21:47

Instrument :

MSVOA_X

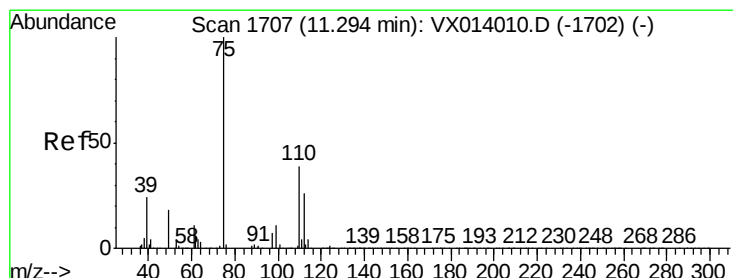
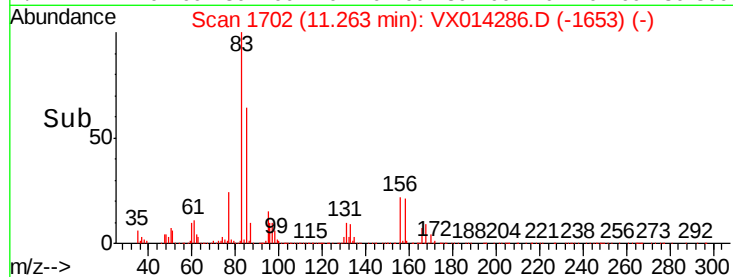
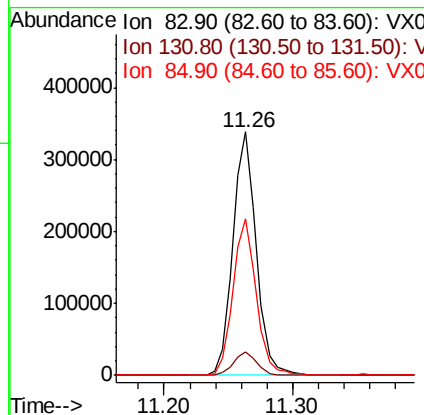
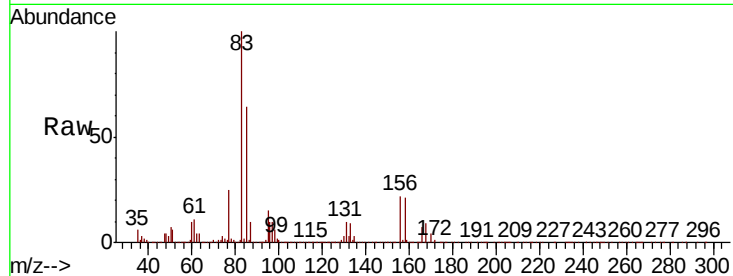
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	430494
Ion Ratio	Lower	Upper	
83	100		
131	9.7	5.1	15.2
85	64.1	31.9	95.7

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#76

1,2,3-Trichloropropane

Concen: 54.933 ug/l m

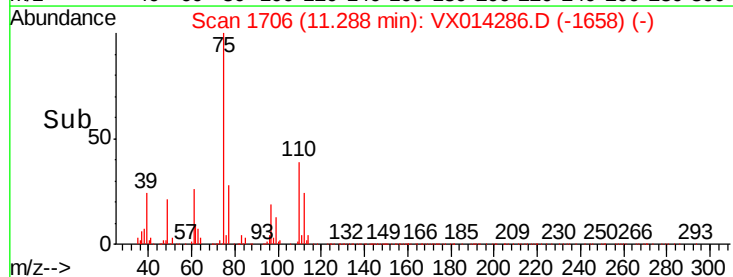
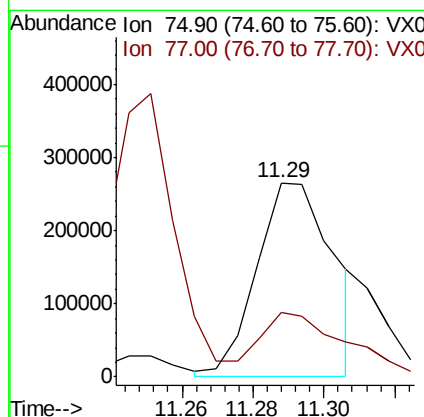
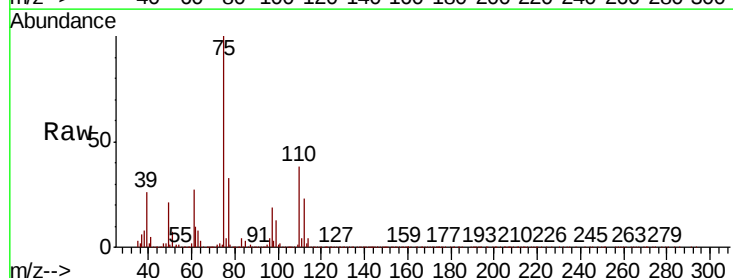
RT: 11.29 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX014286.D

Acq: 26 Dec 2019 21:47

Tgt Ion:	75	Resp:	399330
Ion Ratio	Lower	Upper	
75	100		
77	36.8	19.3	57.8





#77

Bromobenzene

Concen: 49.759 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX014286.D

Acq: 26 Dec 2019 21:47

Instrument :

MSVOA_X

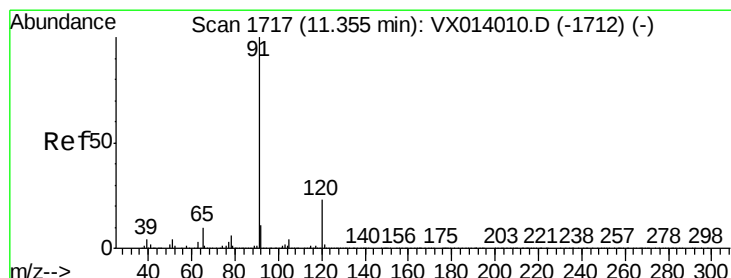
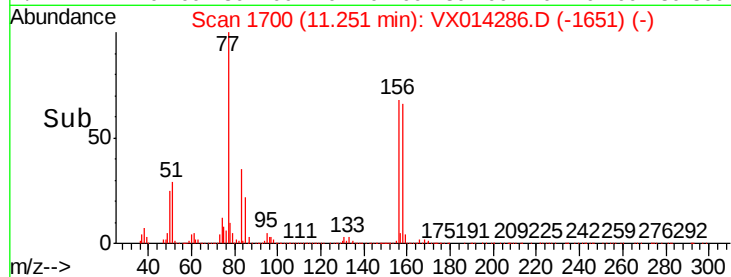
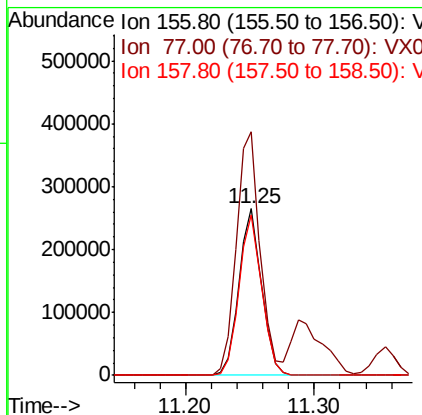
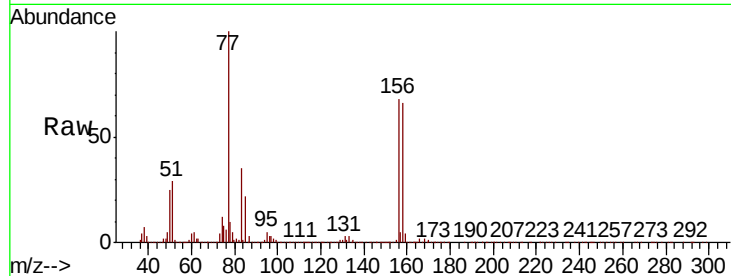
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	322759
Ion Ratio	Lower	Upper	
156	100		
77	154.2	76.5	229.5
158	96.8	49.3	147.9

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#78

n-propylbenzene

Concen: 53.007 ug/l

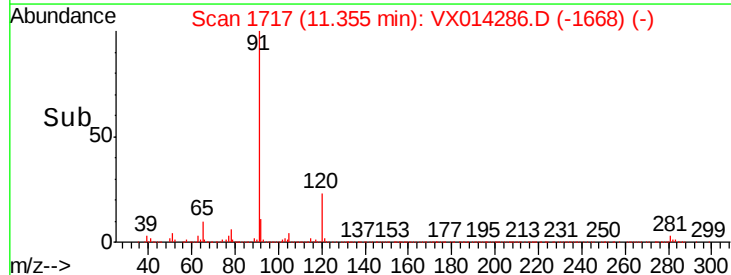
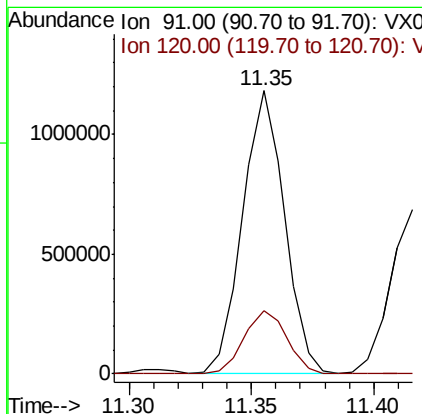
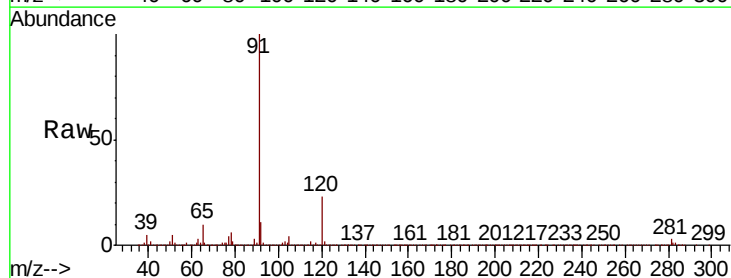
RT: 11.35 min Scan# 1717

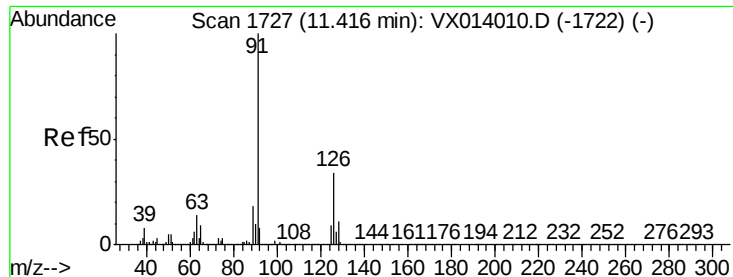
Delta R.T. 0.00 min

Lab File: VX014286.D

Acq: 26 Dec 2019 21:47

Tgt Ion:	91	Resp:	1401726
Ion Ratio	Lower	Upper	
91	100		
120	23.2	11.7	35.0





#79

2-Chlorotoluene

Concen: 51.793 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX014286.D

Acq: 26 Dec 2019 21:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 832559

Ion Ratio Lower Upper

91 100

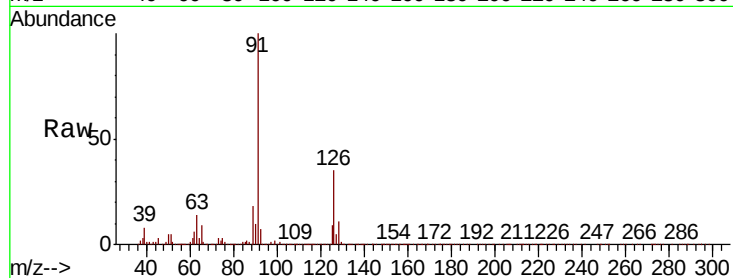
126 34.5 17.2 51.6

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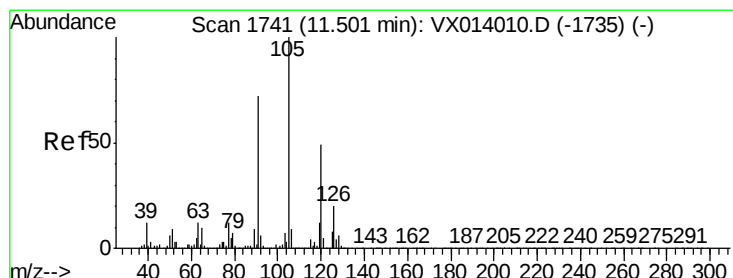
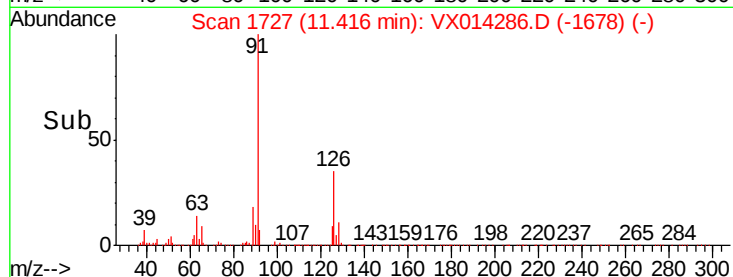
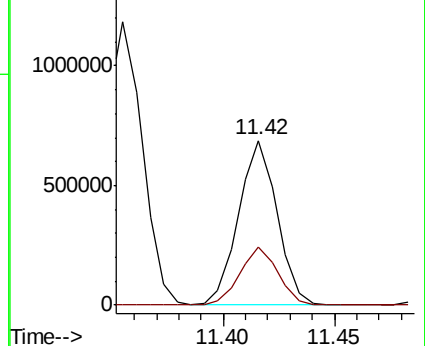
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Abundance Ion 91.00 (90.70 to 91.70): VX014010.D (-1722) (-)

Ion 125.90 (125.60 to 126.60): VX014010.D (-1722) (-)



#80

1,3,5-Trimethylbenzene

Concen: 51.723 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX014286.D

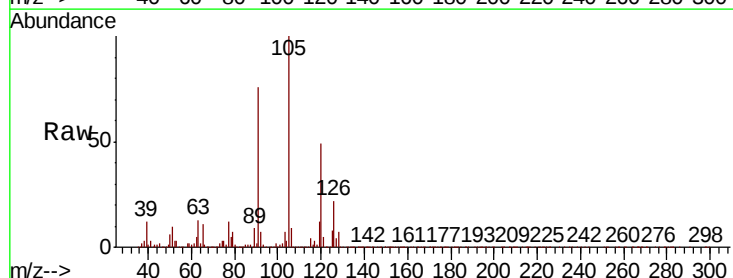
Acq: 26 Dec 2019 21:47

Tgt Ion: 105 Resp: 1026249

Ion Ratio Lower Upper

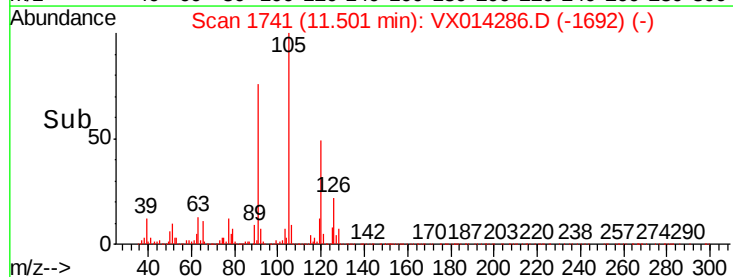
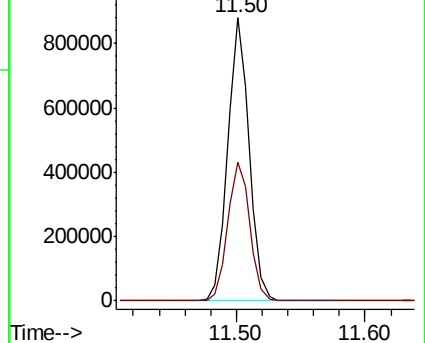
105 100

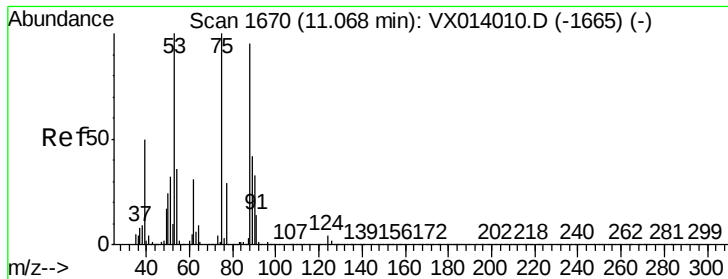
120 50.8 25.3 75.8



Abundance Ion 105.00 (104.70 to 105.70): VX014010.D (-1735) (-)

Ion 120.00 (119.70 to 120.70): VX014010.D (-1735) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 51.137 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX014286.D

Acq: 26 Dec 2019 21:47

Instrument :

MSVOA_X

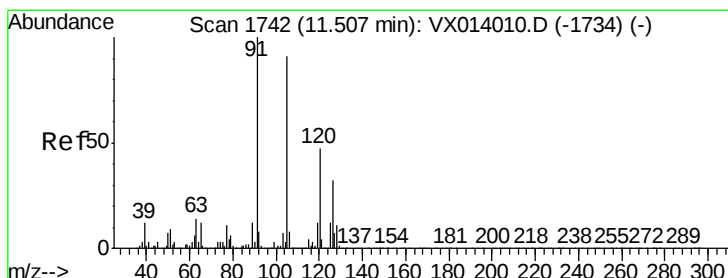
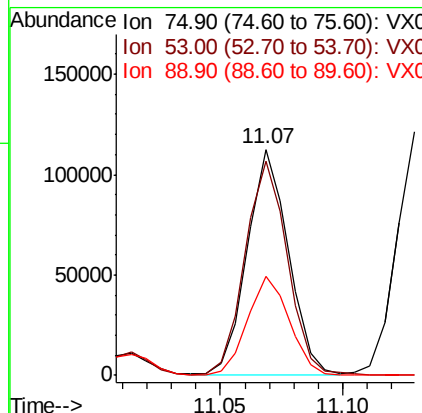
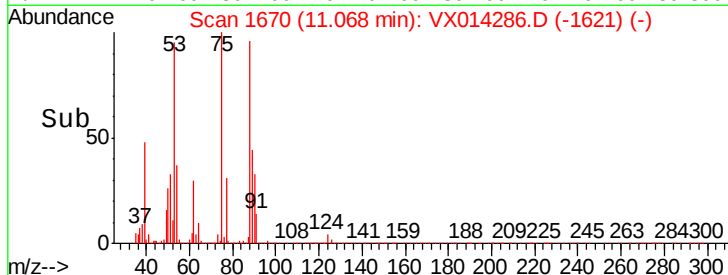
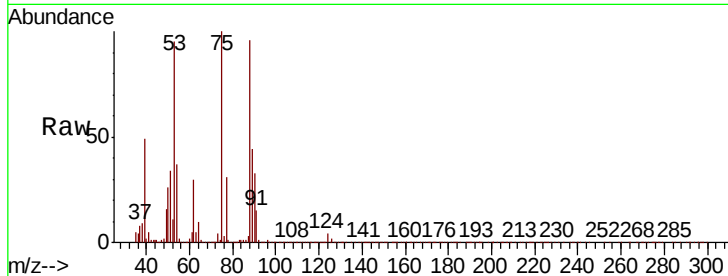
ClientSampleId :

VSTDCCC050EC

Tot Ion:	75	Resp:	131703
Ion Ratio	Lower	Upper	
75	100		
53	96.9	76.7	115.1
89	44.2	34.6	51.8

Manual Integrations
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#82

4-Chlorotoluene

Concen: 50.803 ug/l

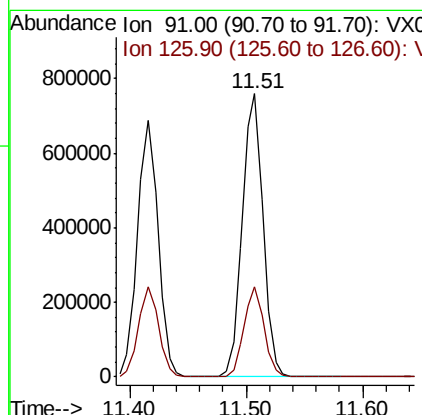
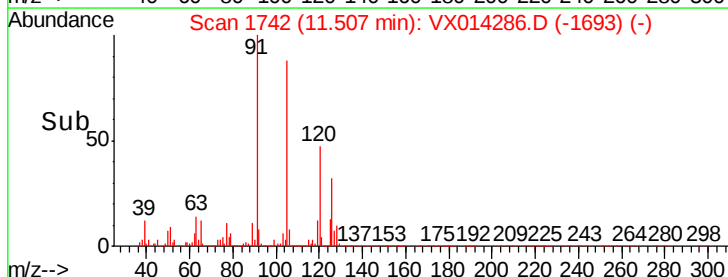
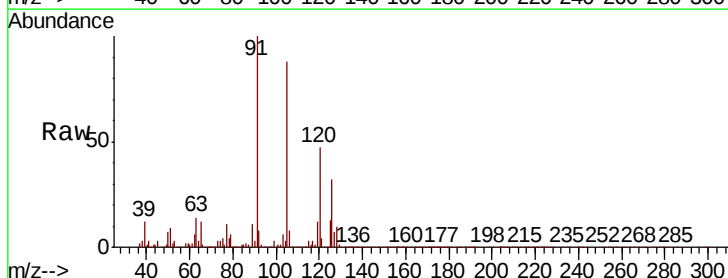
RT: 11.51 min Scan# 1742

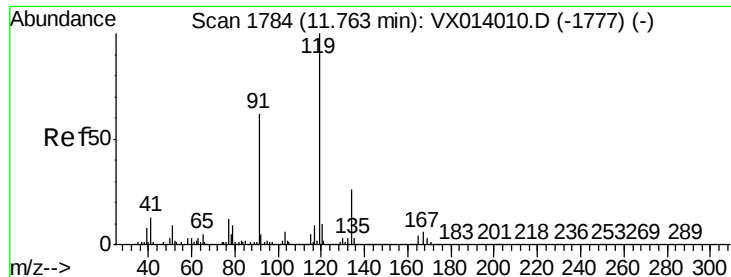
Delta R.T. 0.00 min

Lab File: VX014286.D

Acq: 26 Dec 2019 21:47

Tgt Ion:	91	Resp:	947281
Ion Ratio	Lower	Upper	
91	100		
126	30.8	15.6	46.8





#83

tert-Butylbenzene

Concen: 53.096 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. 0.00 min

Lab File: VX014286.D

Acq: 26 Dec 2019 21:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:119 Resp: 1025228

Ion Ratio Lower Upper

119 100

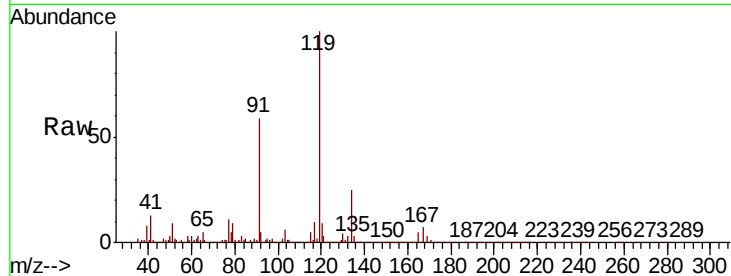
91 55.5 28.5 85.6

134 24.1 12.2 36.6

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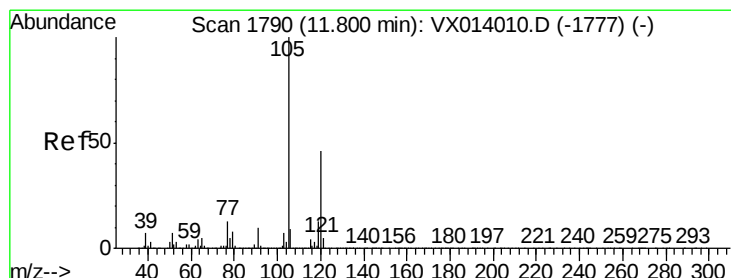
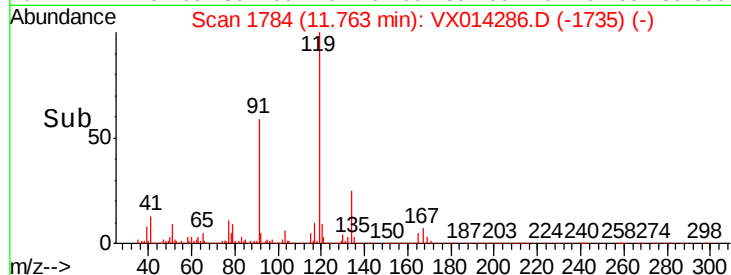
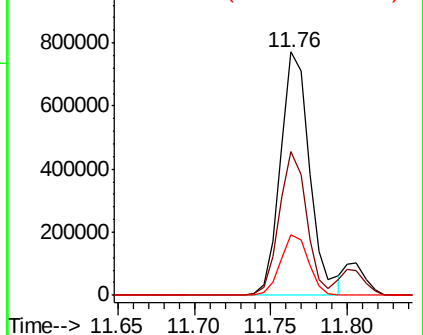


Abundance

Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 51.814 ug/l

RT: 11.80 min Scan# 1790

Delta R.T. 0.00 min

Lab File: VX014286.D

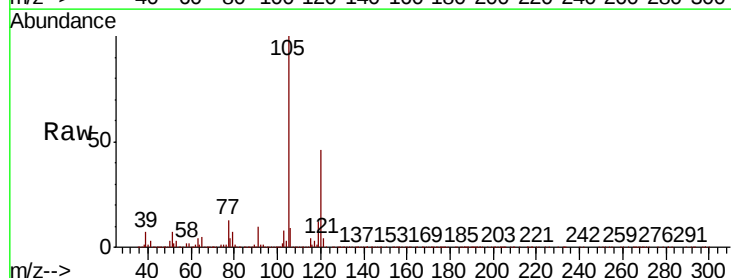
Acq: 26 Dec 2019 21:47

Tgt Ion:105 Resp: 1029539

Ion Ratio Lower Upper

105 100

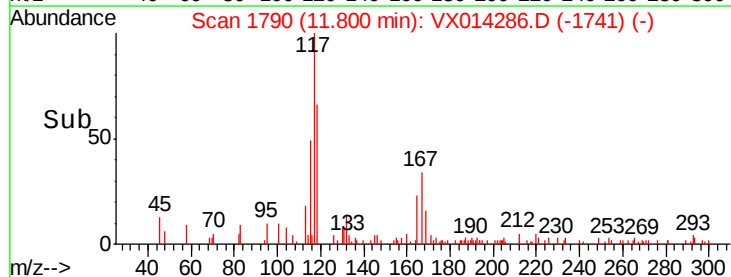
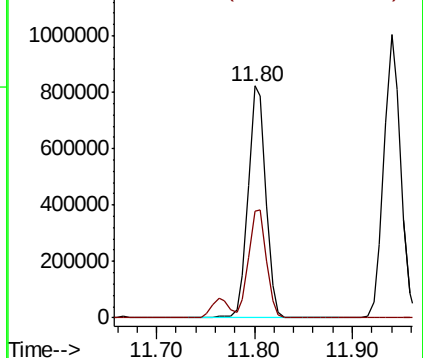
120 46.7 23.1 69.2

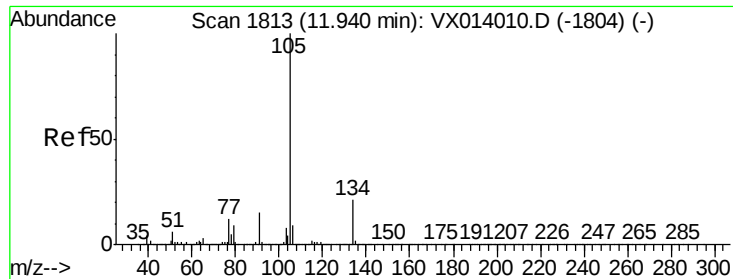


Abundance

Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 52.631 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX014286.D

Acq: 26 Dec 2019 21:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 1199710

Ion Ratio Lower Upper

105 100

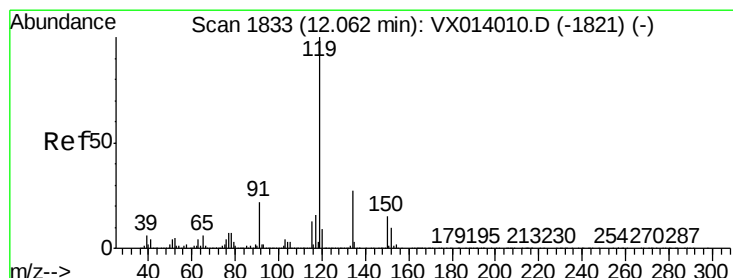
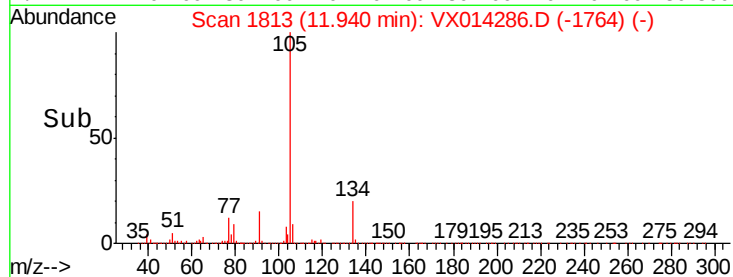
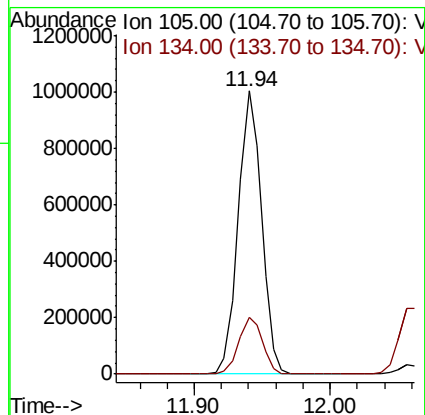
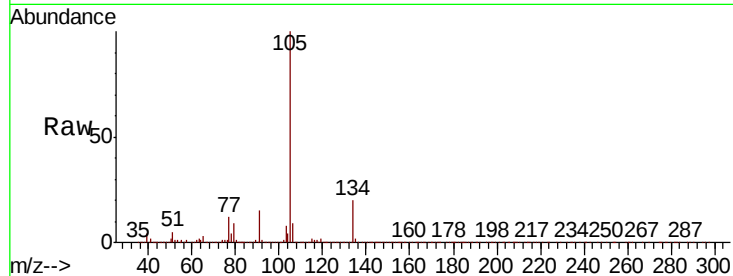
134 20.5 10.4 31.1

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#86

p-Isopropyltoluene

Concen: 52.503 ug/l

RT: 12.06 min Scan# 1832

Delta R.T. -0.01 min

Lab File: VX014286.D

Acq: 26 Dec 2019 21:47

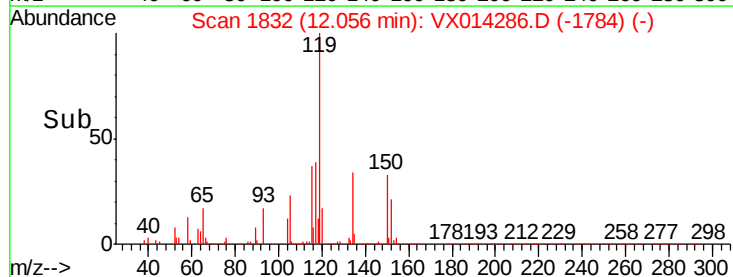
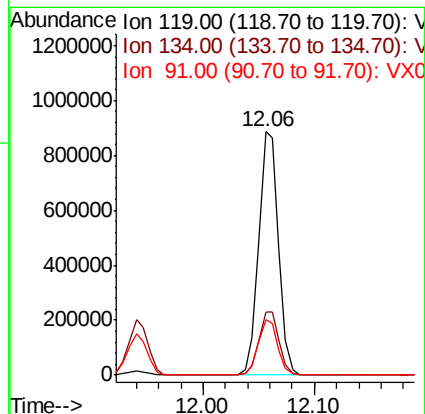
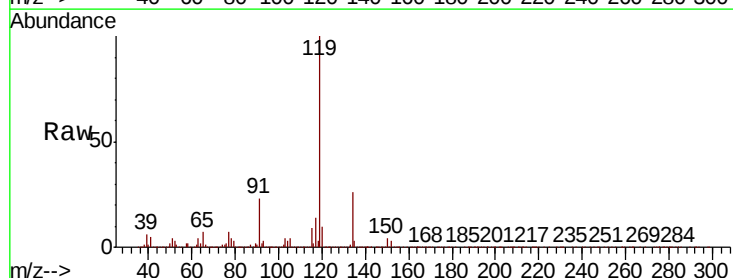
Tgt Ion:119 Resp: 1094737

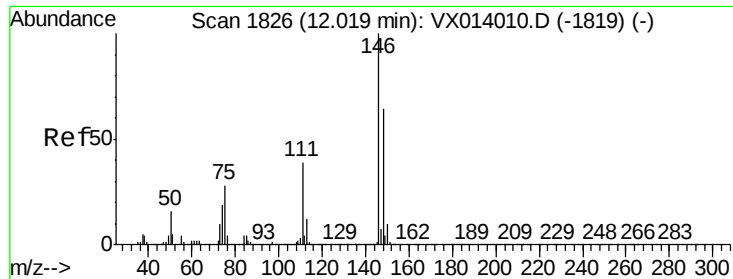
Ion Ratio Lower Upper

119 100

134 26.5 13.4 40.1

91 22.4 11.4 34.1





#87

1,3-Dichlorobenzene

Concen: 49.878 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VX014286.D

Acq: 26 Dec 2019 21:47

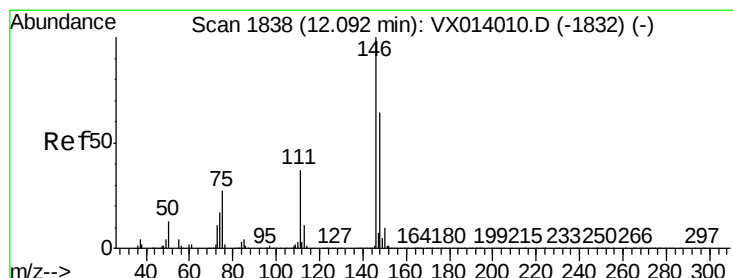
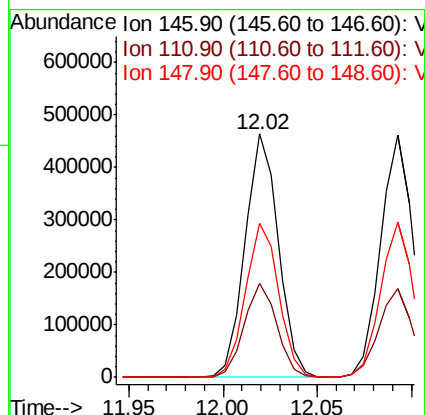
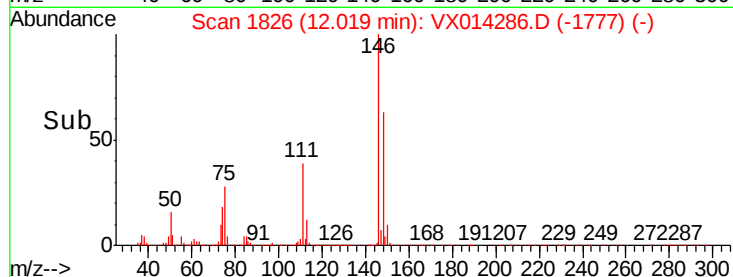
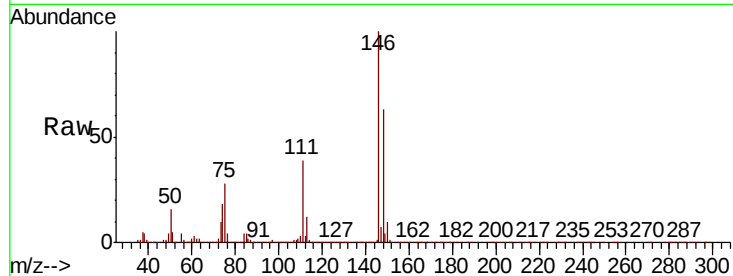
Instrument :
MSVOA_X

ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.3	19.1	57.1
148	63.6	32.3	96.9

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 48.276 ug/l

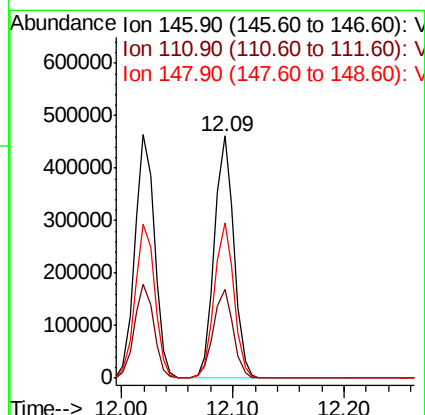
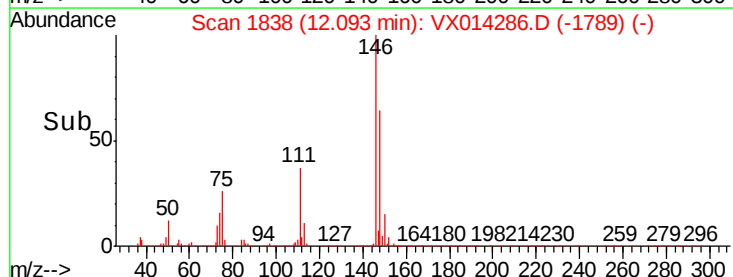
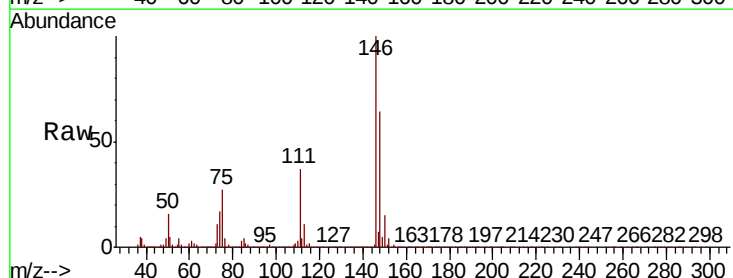
RT: 12.09 min Scan# 1838

Delta R.T. 0.00 min

Lab File: VX014286.D

Acq: 26 Dec 2019 21:47

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.6	18.7	56.1
148	64.4	31.9	95.9





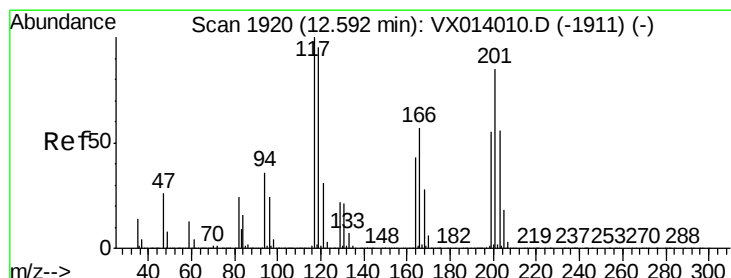
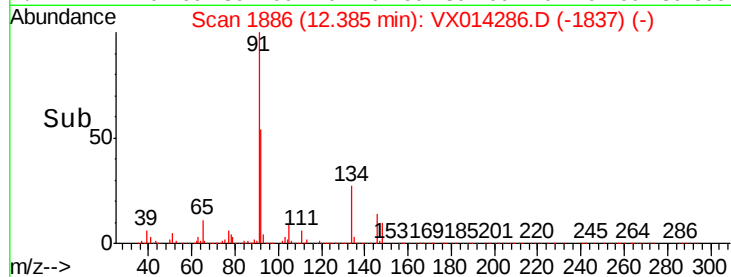
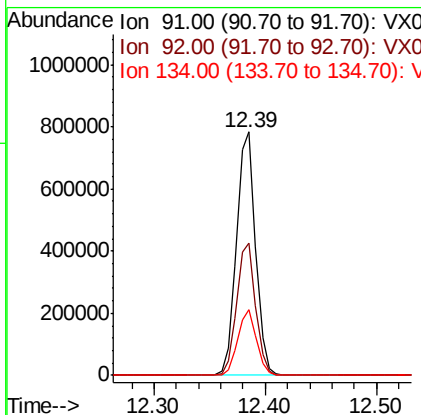
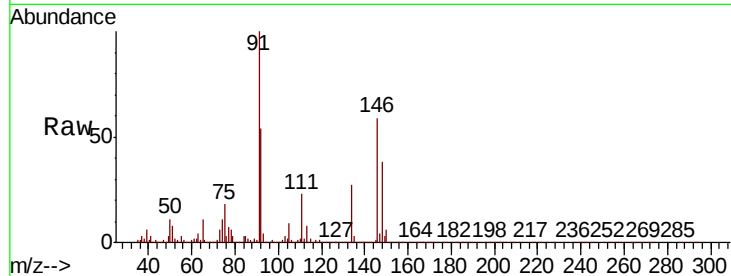
#89
n-Butylbenzene
Concen: 52.072 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX014286.D
Acq: 26 Dec 2019 21:47

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
91	100			
92	54.1	27.2	81.6	
134	26.5	13.4	40.1	

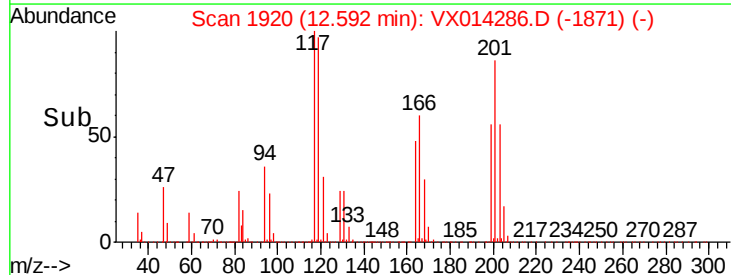
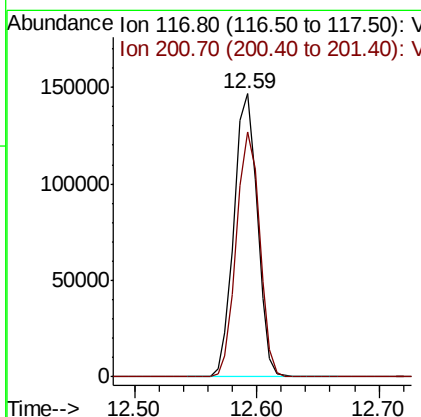
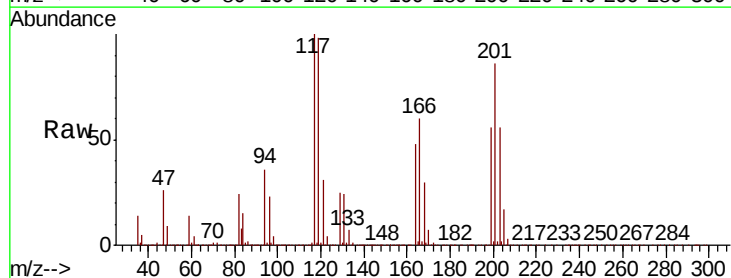
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#90
Hexachloroethane
Concen: 51.493 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX014286.D
Acq: 26 Dec 2019 21:47

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
201	86.6	43.1	129.3	





#91

1,2-Dichlorobenzene

Concen: 49.934 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX014286.D

Acq: 26 Dec 2019 21:47

Instrument :

MSVOA_X

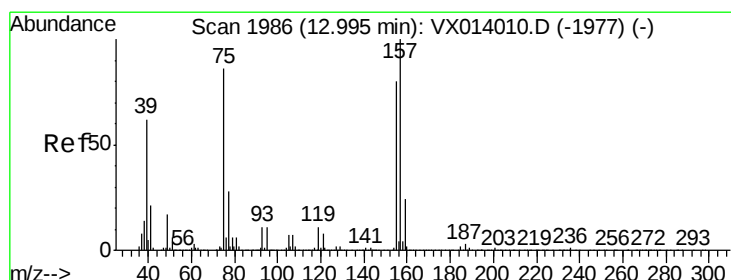
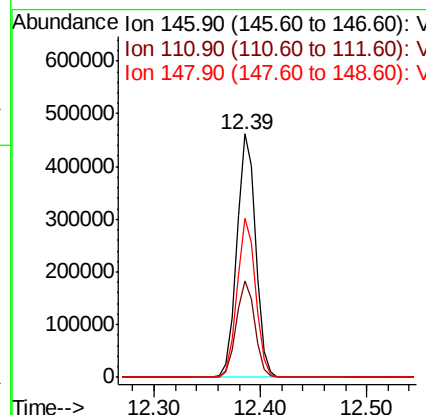
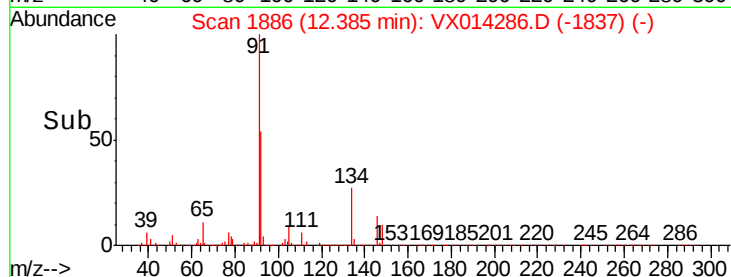
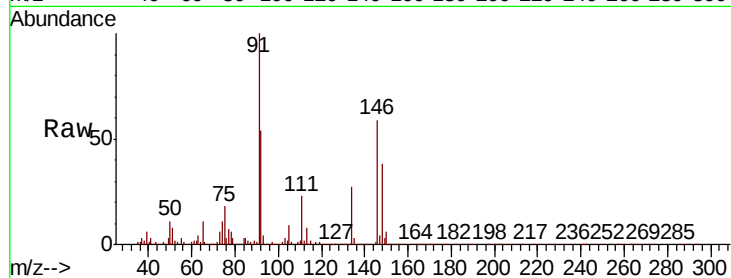
ClientSampleId :

VSTDCCC050EC

Tot Ion:	146	Resp:	571448
Ion Ratio	Lower	Upper	
146	100		
111	39.4	19.7	59.1
148	64.0	32.1	96.5

Manual Integrations
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#92

1,2-Dibromo-3-Chloropropane

Concen: 48.268 ug/l

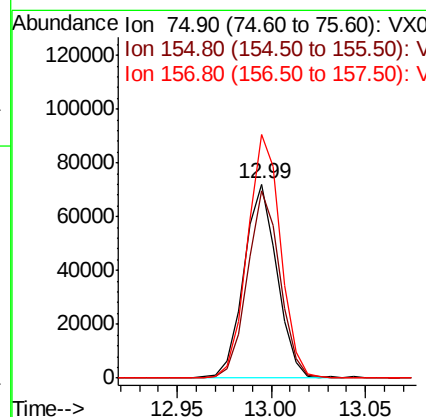
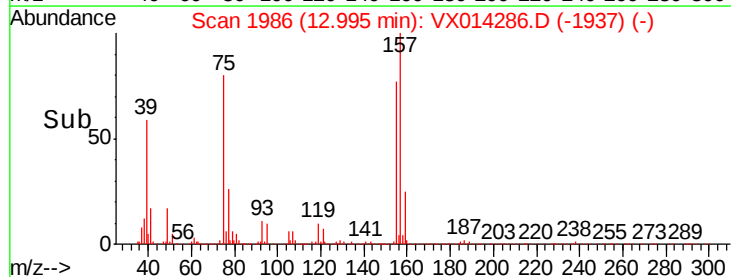
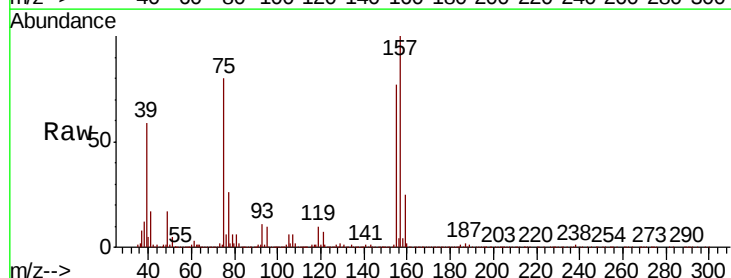
RT: 12.99 min Scan# 1986

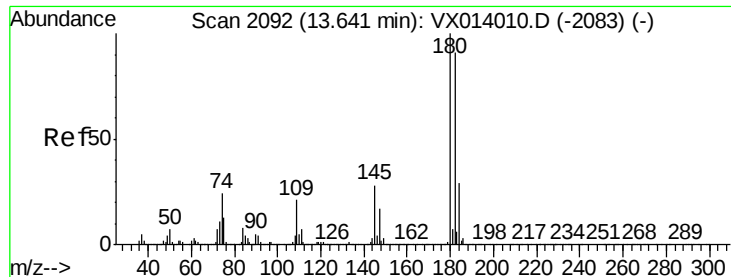
Delta R.T. 0.00 min

Lab File: VX014286.D

Acq: 26 Dec 2019 21:47

Tgt Ion:	75	Resp:	87303
Ion Ratio	Lower	Upper	
75	100		
155	95.2	46.9	140.6
157	126.6	60.8	182.4





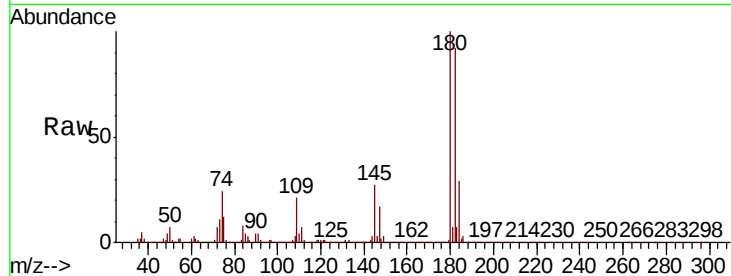
#93
 1,2,4-Trichlorobenzene
 Concen: 50.401 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX014286.D
 Acq: 26 Dec 2019 21:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	374885		
182	94.0	46.6	139.8	
145	27.0	14.2	42.6	

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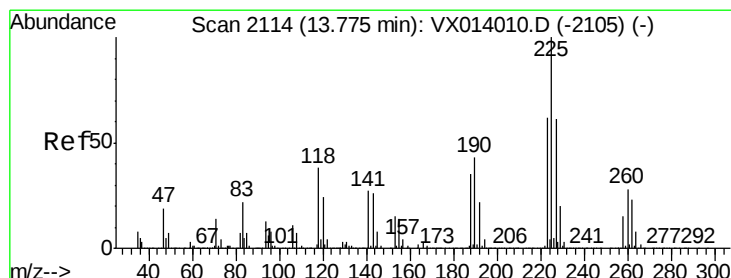
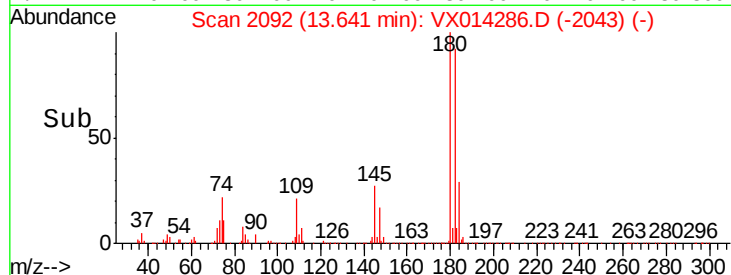
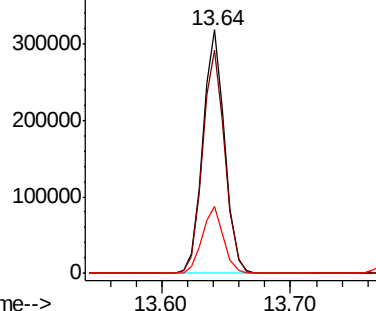


Abundance

Ion 179.80 (179.50 to 180.50): V

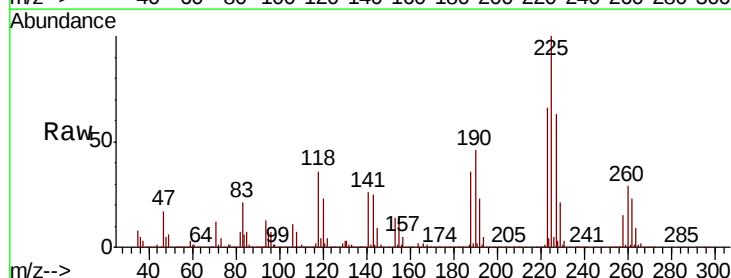
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 48.344 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX014286.D
 Acq: 26 Dec 2019 21:47

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	172817		
223	64.4	30.9	92.5	
227	63.5	30.9	92.7	

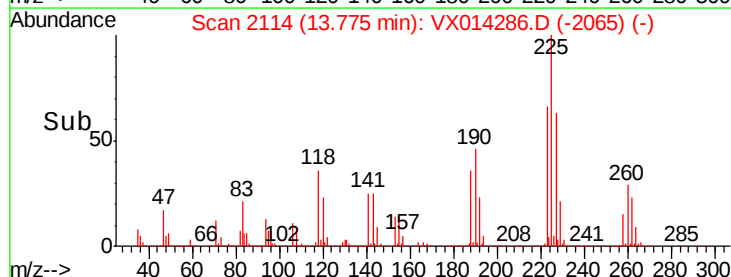
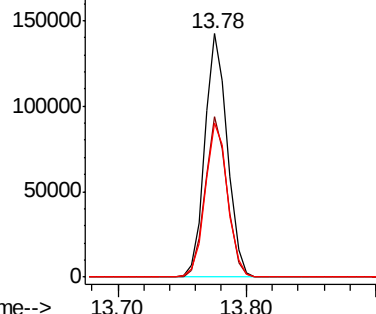


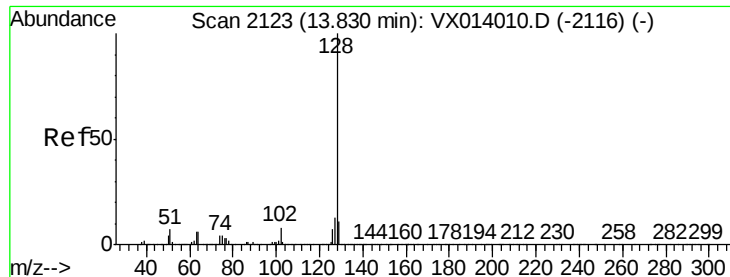
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





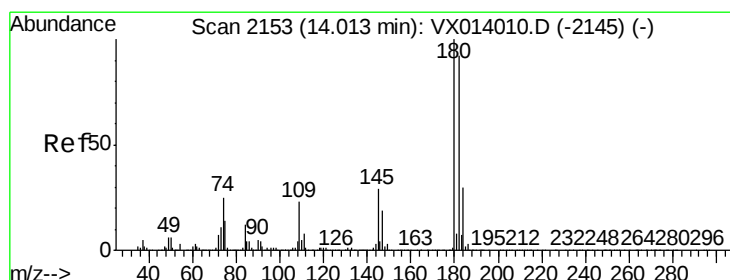
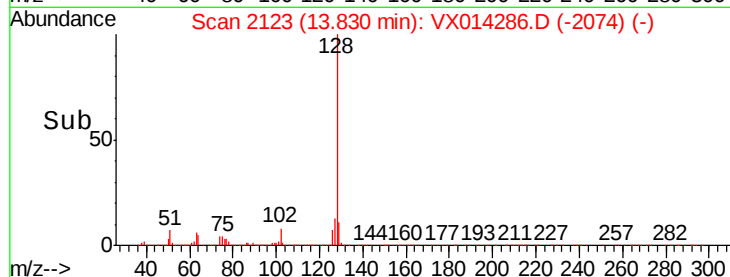
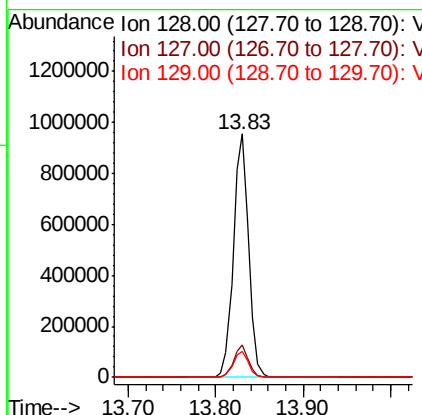
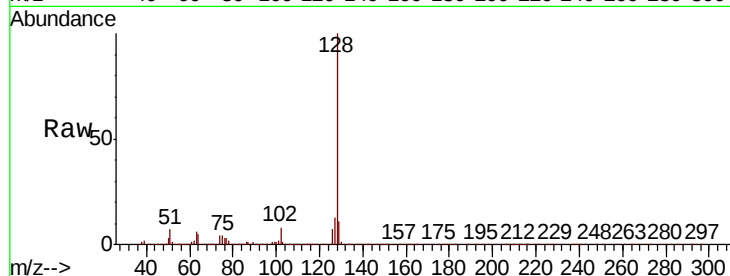
#95
Naphthalene
Concen: 53.241 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX014286.D
Acq: 26 Dec 2019 21:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.2	15.4
129	10.5	8.7	13.1

Manual Integrations
APPROVED

apatel
12/27/2019 12:03:19 PM



#96
1,2,3-Trichlorobenzene
Concen: 50.925 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX014286.D
Acq: 26 Dec 2019 21:47

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.3	46.8	140.3
145	30.4	14.8	44.4

