

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX101118\
 Data File : VX005279.D
 Acq On : 12 Oct 2018 02:42
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 10/12/2018 2:34:13 PM

Quant Time: Oct 12 08:16:27 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 03 04:00:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	251149	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	328602	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	308990	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	174389	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	134374	37.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	74.90%	
35) Dibromofluoromethane	5.49	113	118776	42.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.30%	
50) Toluene-d8	8.71	98	361587	39.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	78.10%	
62) 4-Bromofluorobenzene	11.14	95	140428	42.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.20%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.20	85	174099	50.84	ug/l	99
3) Chloromethane	1.32	50	188159	45.29	ug/l	93
4) Vinyl Chloride	1.40	62	201923	51.82	ug/l	89
5) Bromomethane	1.64	94	108294	46.87	ug/l	91
6) Chloroethane	1.71	64	109161	51.47	ug/l	95
7) Trichlorofluoromethane	1.92	101	245567	50.91	ug/l	95
8) Diethyl Ether	2.18	74	100515	47.96	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	133520	48.59	ug/l	97
10) Methyl Iodide	2.50	142	143289	38.97	ug/l	93
11) Tert butyl alcohol	3.08	59	229165	228.45	ug/l	100
12) 1,1-Dichloroethene	2.37	96	128203	47.11	ug/l	86
13) Acrolein	2.29	56	90986	127.48	ug/l	94
14) Allyl chloride	2.73	41	274564	46.24	ug/l	96
15) Acrylonitrile	3.15	53	536275	242.84	ug/l	94
16) Acetone	2.45	43	467475	223.19	ug/l	98
17) Carbon Disulfide	2.56	76	357166	43.68	ug/l	100
18) Methyl Acetate	2.78	43	290504	54.74	ug/l	96
19) Methyl tert-butyl Ether	3.20	73	464475	49.48	ug/l	98
20) Methylene Chloride	2.85	84	152490	50.07	ug/l	98
21) trans-1,2-Dichloroethene	3.15	96	136824	45.93	ug/l	95
22) Diisopropyl ether	3.87	45	513243	51.33	ug/l	93
23) Vinyl Acetate	3.82	43	2245024	245.30	ug/l	100
24) 1,1-Dichloroethane	3.69	63	273067	45.78	ug/l	99
25) 2-Butanone	4.71	43	724082	234.53	ug/l	94
26) 2,2-Dichloropropane	4.58	77	138253	33.29	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	160536	48.24	ug/l	96
28) Bromochloromethane	5.01	49	104083	37.06	ug/l	99
29) Tetrahydrofuran	5.17	42	485873	253.20	ug/l	97
30) Chloroform	5.22	83	270091	47.92	ug/l	97
31) Cyclohexane	5.57	56	233421	51.13	ug/l #	81
32) 1,1,1-Trichloroethane	5.50	97	222217	48.27	ug/l	98
36) 1,1-Dichloropropene	5.79	75	192309	50.61	ug/l	97
37) Ethyl Acetate	4.87	43	267259	52.99	ug/l	98
38) Carbon Tetrachloride	5.78	117	194938	48.81	ug/l #	90

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	190904	49.20	ug/l #	84
40) Benzene	6.15	78	570000	47.92	ug/l	97
41) Methacrylonitrile	5.07	41	153006	54.70	ug/l	96
42) 1,2-Dichloroethane	6.20	62	199248	47.38	ug/l	98
43) Isopropyl Acetate	6.46	43	350713	48.18	ug/l	97
44) Trichloroethene	7.21	130	141341	48.33	ug/l	98
45) 1,2-Dichloropropane	7.52	63	138024	47.31	ug/l	98
46) Dibromomethane	7.66	93	89405	48.77	ug/l	99
47) Bromodichloromethane	7.90	83	174432	50.82	ug/l	100
48) Methyl methacrylate	7.78	41	174697	52.87	ug/l	99
49) 1,4-Dioxane	7.76	88	75749	922.76	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	1237646	270.01	ug/l	98
52) Toluene	8.79	92	321773	49.23	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	186419	48.06	ug/l	93
54) cis-1,3-Dichloropropene	8.44	75	199740	49.16	ug/l	97
55) 1,1,2-Trichloroethane	9.22	97	134896	47.11	ug/l	96
56) Ethyl methacrylate	9.18	69	212035	45.89	ug/l	98
57) 1,3-Dichloropropane	9.37	76	224810	47.18	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.32	63	450112	186.30	ug/l	99
59) 2-Hexanone	9.50	43	943404	246.98	ug/l	95
60) Dibromochloromethane	9.59	129	144409	50.43	ug/l	100
61) 1,2-Dibromoethane	9.68	107	139067	45.35	ug/l	94
64) Tetrachloroethene	9.34	164	139172	45.76	ug/l	95
65) Chlorobenzene	10.14	112	366577	46.27	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	136269	48.92	ug/l	99
67) Ethyl Benzene	10.25	91	620441	49.32	ug/l	95
68) m/p-Xylenes	10.36	106	484913	98.65	ug/l	96
69) o-Xylene	10.70	106	232977	51.60	ug/l	100
70) Styrene	10.71	104	398672	47.33	ug/l	100
71) Bromoform	10.86	173	123915	51.96	ug/l #	97
73) Isopropylbenzene	11.02	105	634826	57.75	ug/l	99
74) N-amyl acetate	10.90	43	309138	51.13	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	228479	51.06	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	208094m	53.24	ug/l	
77) Bromobenzene	11.26	156	174817	54.76	ug/l	97
78) n-propylbenzene	11.36	91	724978	57.48	ug/l	100
79) 2-Chlorotoluene	11.42	91	435678	55.42	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	548171	54.43	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	59230	41.67	ug/l	99
82) 4-Chlorotoluene	11.51	91	515164	55.67	ug/l	100
83) tert-Butylbenzene	11.77	119	548685	60.63	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	561773	54.09	ug/l	99
85) sec-Butylbenzene	11.94	105	651980	59.15	ug/l	99
86) p-Isopropyltoluene	12.07	119	588827	58.96	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	319891	53.66	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	325118	52.83	ug/l	100
89) n-Butylbenzene	12.39	91	508291	56.04	ug/l	99
90) Hexachloroethane	12.60	117	97999	58.93	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	325271	52.21	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	55035	56.02	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	248975	56.97	ug/l	100
94) Hexachlorobutadiene	13.79	225	123564	54.52	ug/l	100
95) Naphthalene	13.83	128	787192	54.21	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	260501	57.70	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.66 min Scan# 739

Delta R.T. 0.00 min

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Acq: 12 Oct 2018 02:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:168 Resp: 251149

Ion Ratio Lower Upper

168 100

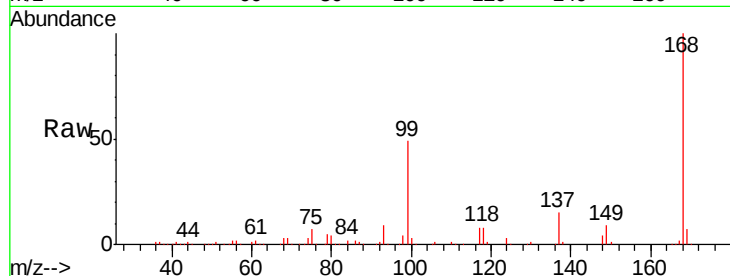
99 49.3 39.3 58.9

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

80000

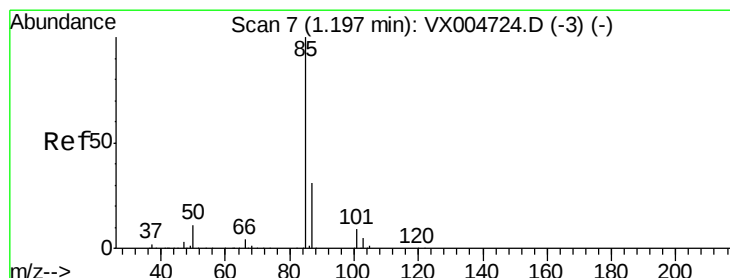
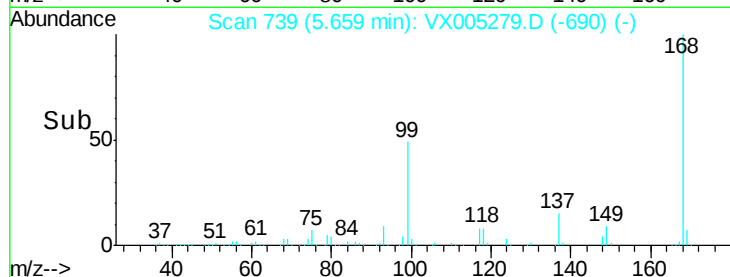
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 50.84 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX005279.D

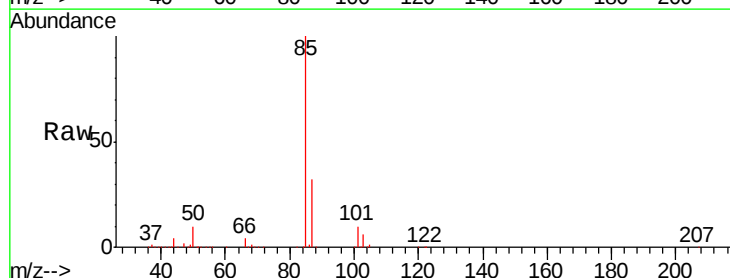
Acq: 12 Oct 2018 02:42

Tgt Ion: 85 Resp: 174099

Ion Ratio Lower Upper

85 100

87 32.1 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

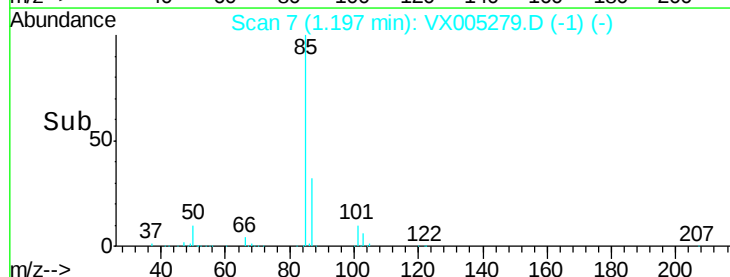
150000

100000

50000

0

Time-->





#3

Chloromethane

Concen: 45.29 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX005279.D

Acq: 12 Oct 2018 02:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 50 Resp: 188159

Ion Ratio Lower Upper

50 100

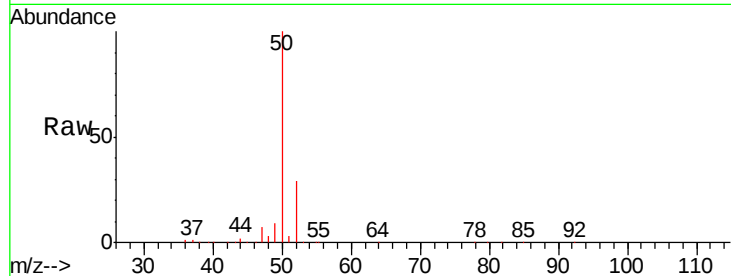
52 28.5 25.8 38.6

Manual Integrations

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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

200000

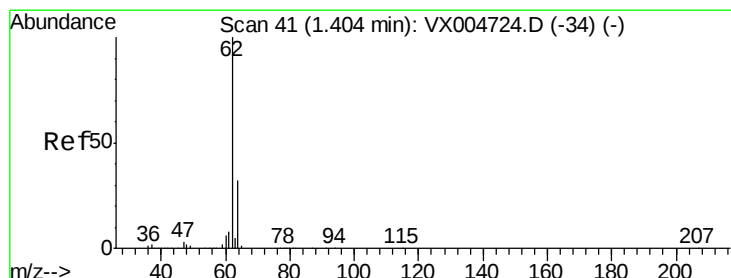
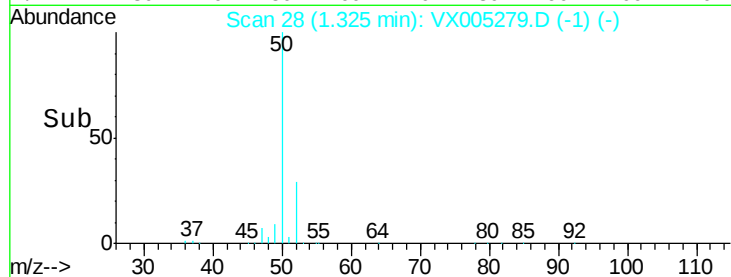
150000

100000

50000

0

Time-->



#4

Vinyl Chloride

Concen: 51.82 ug/l

RT: 1.40 min Scan# 41

Delta R.T. 0.00 min

Lab File: VX005279.D

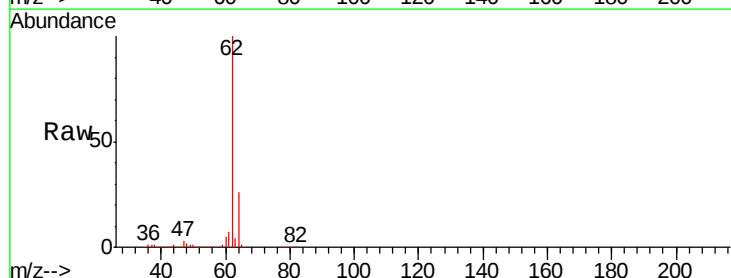
Acq: 12 Oct 2018 02:42

Tgt Ion: 62 Resp: 201923

Ion Ratio Lower Upper

62 100

64 25.6 25.5 38.3



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.40

200000

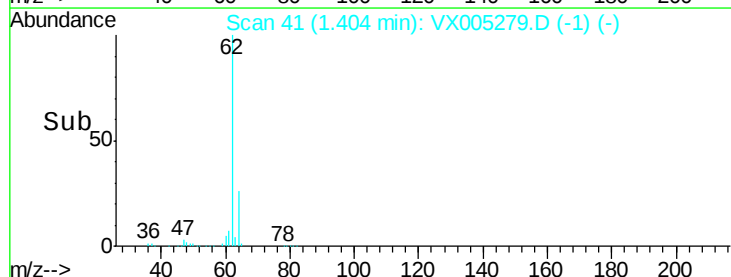
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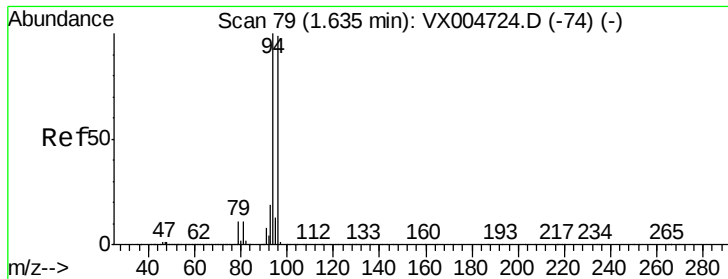
100000

50000

0

Time-->





#5

Bromomethane

Concen: 46.87 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX005279.D

Acq: 12 Oct 2018 02:42

Instrument :

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ClientSampleId :

VSTDCCC050EC

Tgt Ion: 94 Resp: 108294

Ion Ratio Lower Upper

94 100

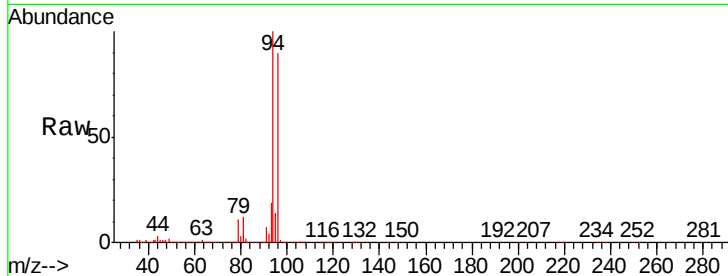
96 90.4 79.5 119.3

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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

120000

100000

80000

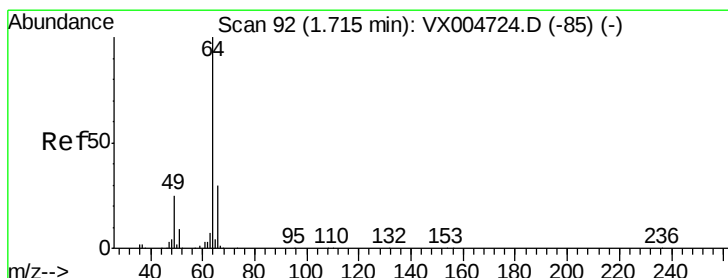
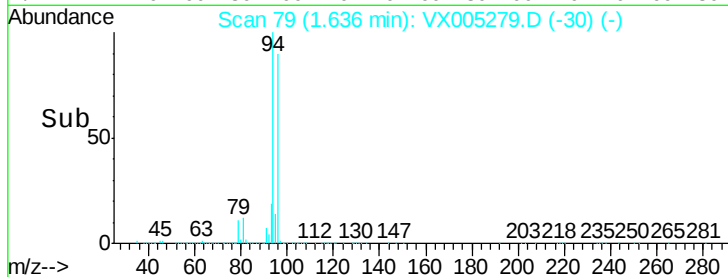
60000

40000

20000

0

Time--> 1.55 1.60 1.65 1.70 1.75



#6

Chloroethane

Concen: 51.47 ug/l

RT: 1.71 min Scan# 91

Delta R.T. -0.01 min

Lab File: VX005279.D

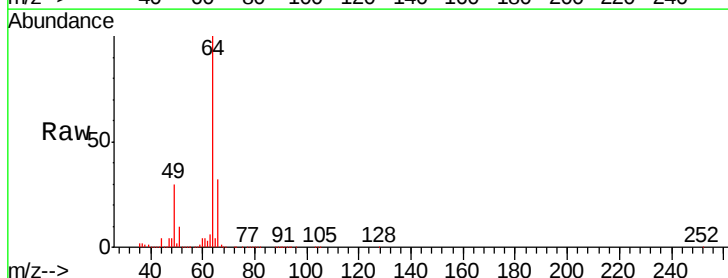
Acq: 12 Oct 2018 02:42

Tgt Ion: 64 Resp: 109161

Ion Ratio Lower Upper

64 100

66 32.2 23.8 35.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.71

80000

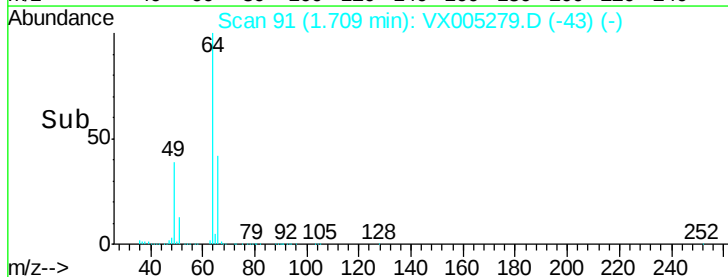
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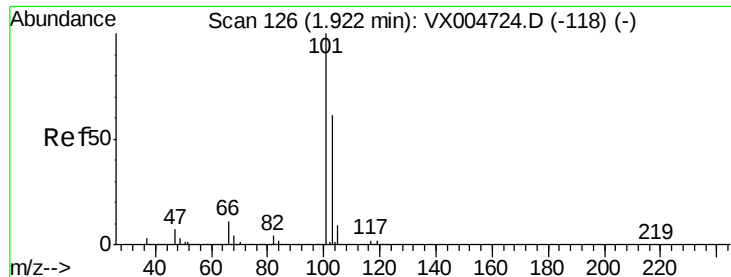
40000

20000

0

Time--> 1.60 1.65 1.70 1.75 1.80





#7

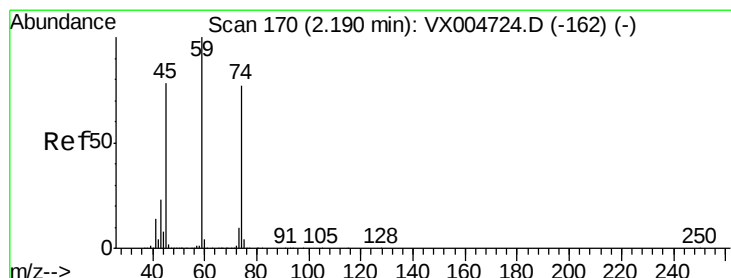
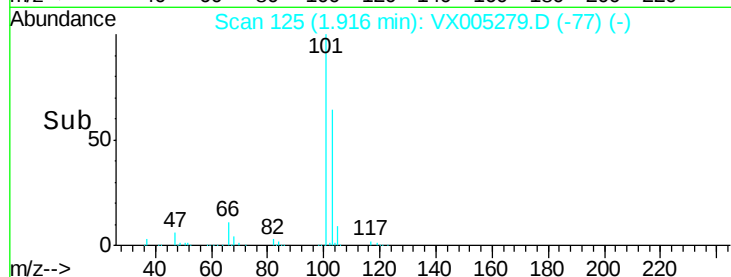
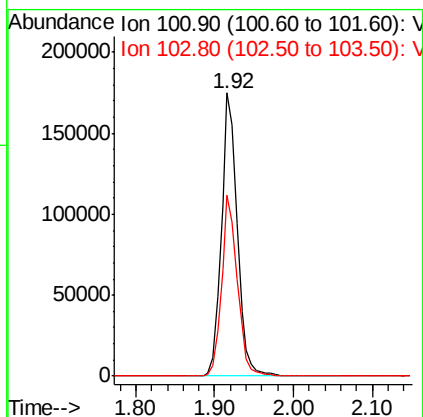
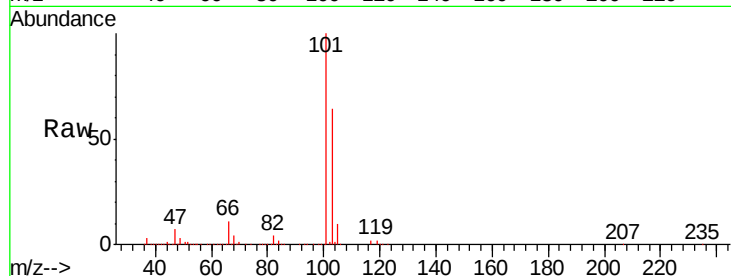
Trichlorofluoromethane
 Concen: 50.91 ug/l
 RT: 1.92 min Scan# 125
 Delta R.T. -0.01 min
 Lab File: VX005279.D
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Tgt Ion	Ratio	Lower	Upper
101	100		
103	64.1	48.4	72.6

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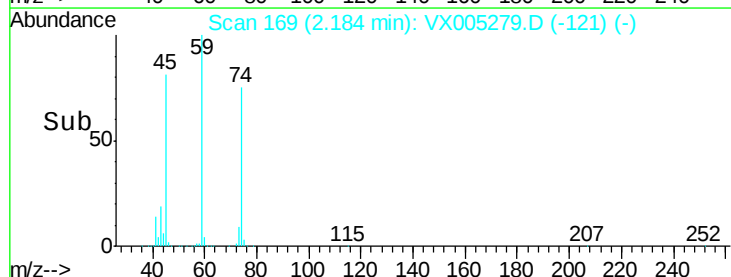
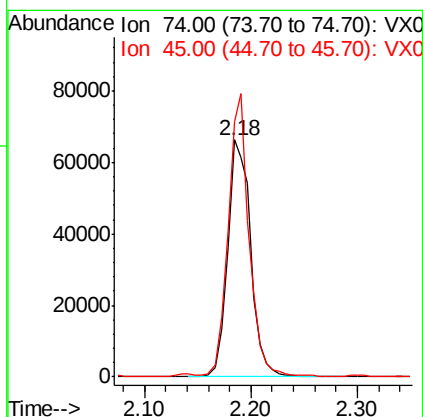
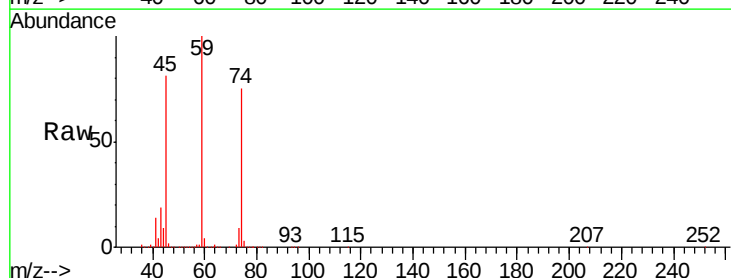
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#8

Diethyl Ether
 Concen: 47.96 ug/l
 RT: 2.18 min Scan# 169
 Delta R.T. -0.01 min
 Lab File: VX005279.D
 Acq: 12 Oct 2018 02:42

Tgt Ion	Ratio	Lower	Upper
74	100		
45	107.1	52.5	157.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.59 ug/l

RT: 2.37 min Scan# 200

Delta R.T. -0.01 min

Lab File: VX005279.D

Acq: 12 Oct 2018 02:42

Instrument :

MSVOA_X

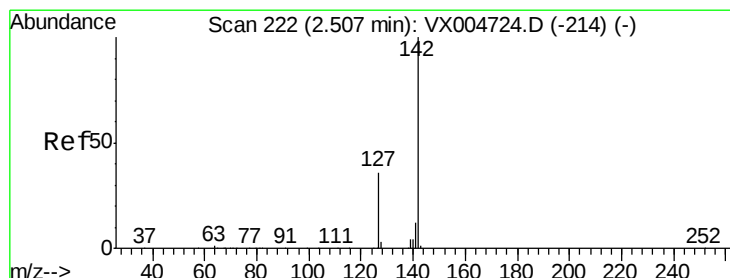
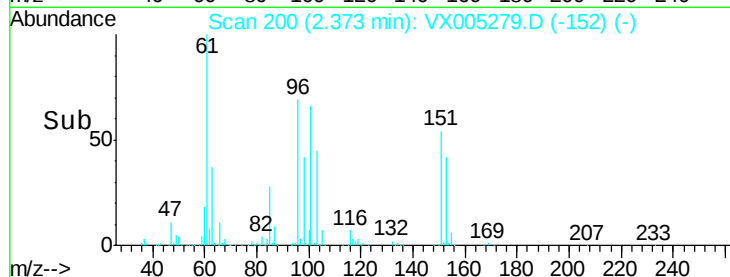
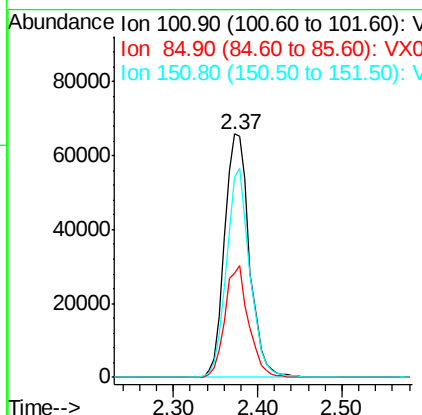
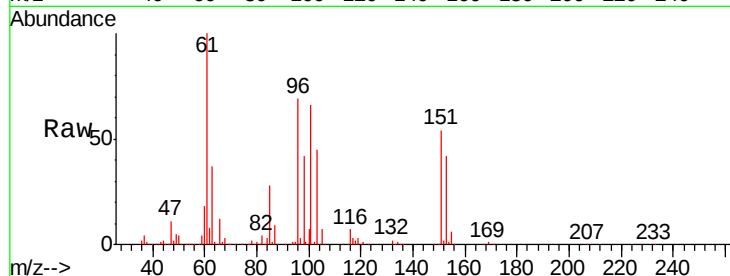
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	101	Resp:	133520
Ion Ratio	Lower	Upper	
101	100		
85	43.5	35.9	53.9
151	80.5	66.6	100.0

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#10

Methyl Iodide

Concen: 38.97 ug/l

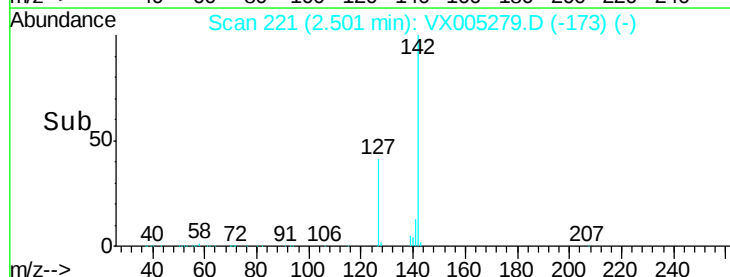
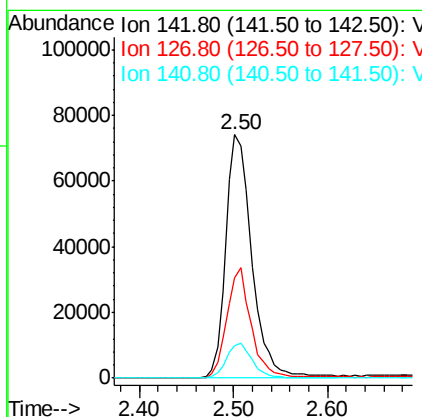
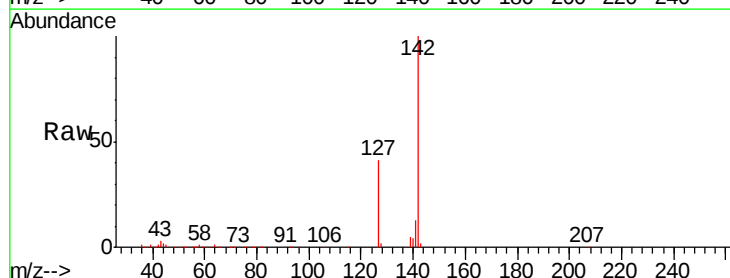
RT: 2.50 min Scan# 221

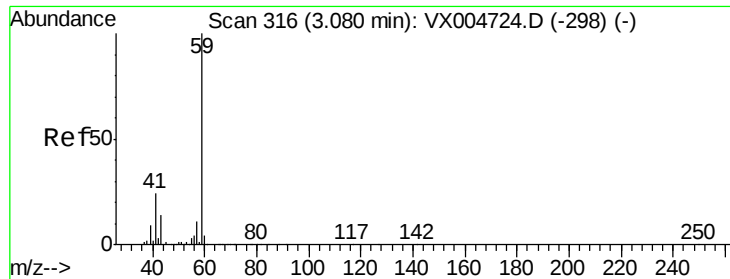
Delta R.T. -0.01 min

Lab File: VX005279.D

Acq: 12 Oct 2018 02:42

Tgt Ion:	142	Resp:	143289
Ion Ratio	Lower	Upper	
142	100		
127	42.0	30.1	45.1
141	14.2	10.1	15.1





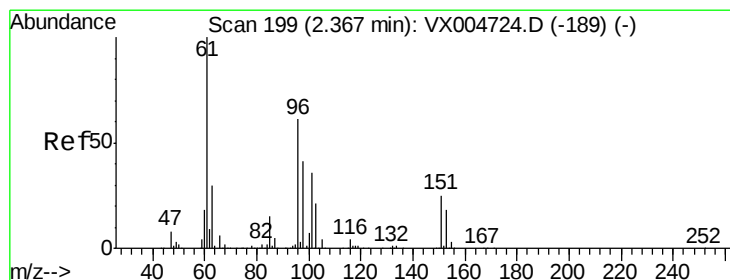
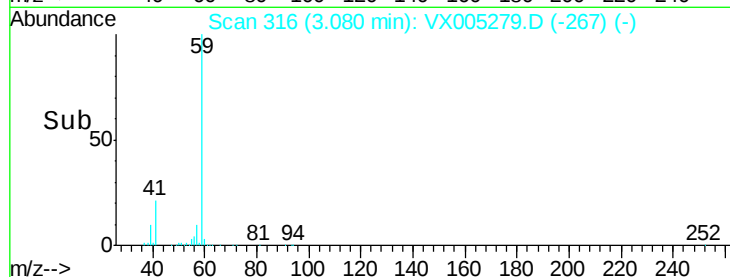
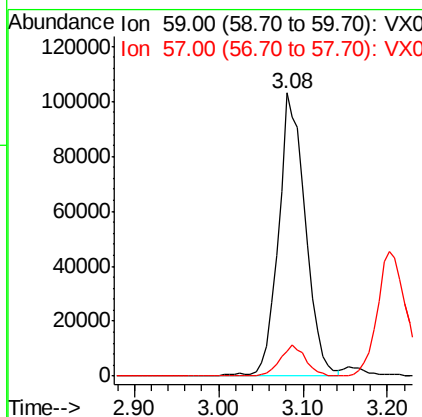
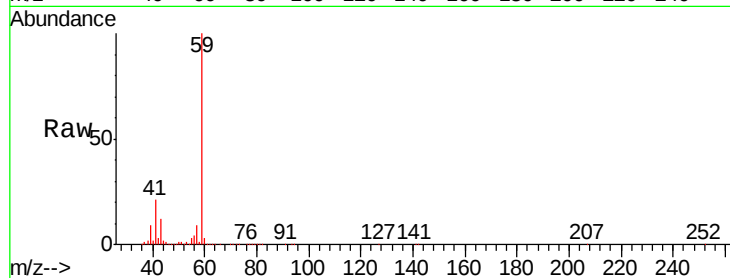
#11
Tert butyl alcohol
Concen: 228.45 ug/l
RT: 3.08 min Scan# 316
Delta R.T. 0.00 min
Lab File: VX005279.D
Acq: 12 Oct 2018 02:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 59 Resp: 229165
Ion Ratio Lower Upper
59 100
57 10.6 8.6 12.8

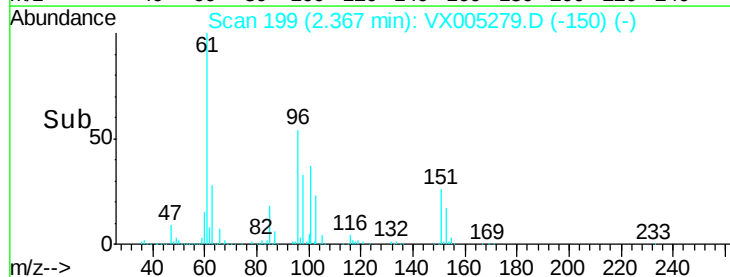
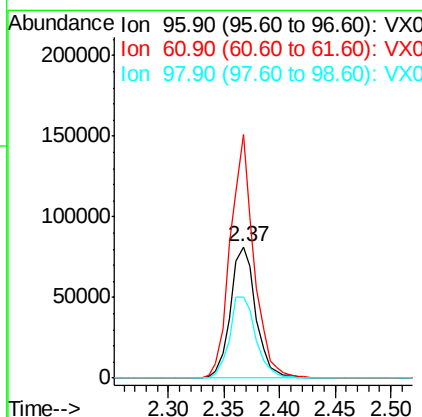
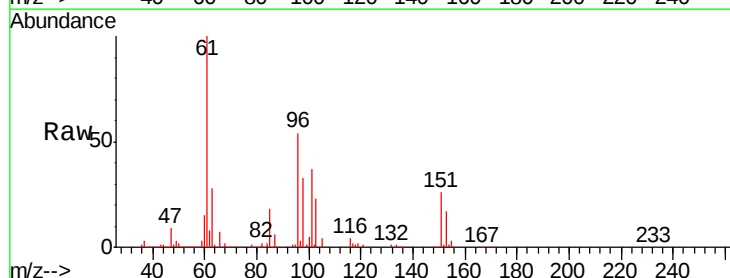
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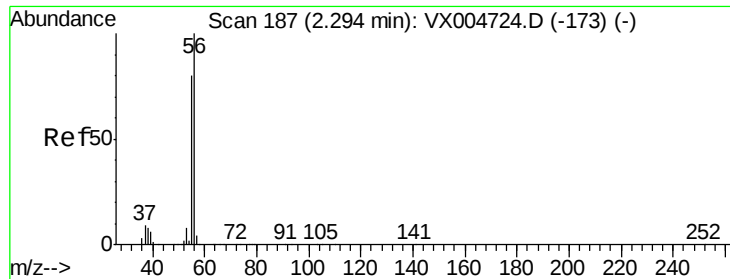
MMDadoda
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#12
1,1-Dichloroethene
Concen: 47.11 ug/l
RT: 2.37 min Scan# 199
Delta R.T. 0.00 min
Lab File: VX005279.D
Acq: 12 Oct 2018 02:42

Tgt Ion: 96 Resp: 128203
Ion Ratio Lower Upper
96 100
61 185.3 130.2 195.4
98 61.4 53.4 80.0





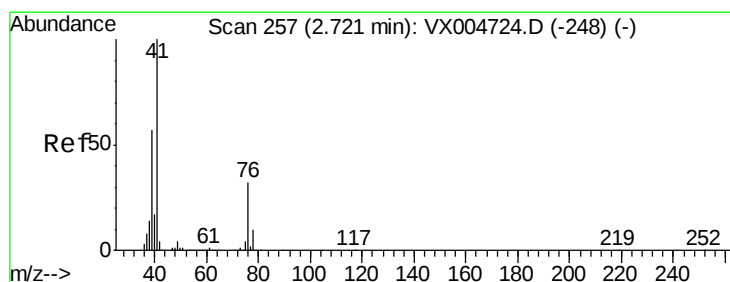
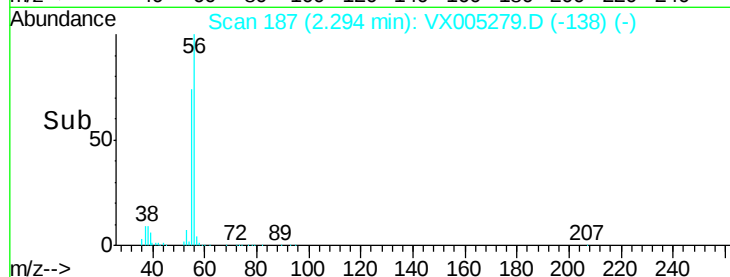
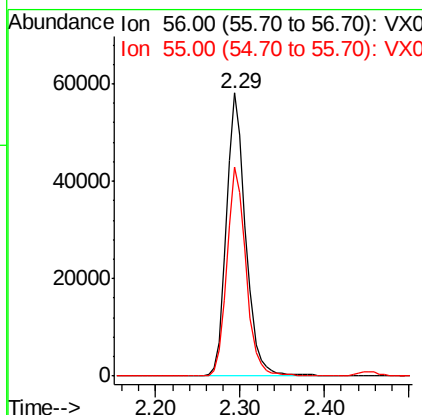
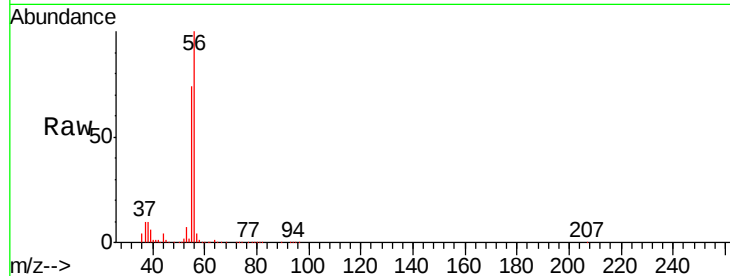
#13
Acrolein
Concen: 127.48 ug/l
RT: 2.29 min Scan# 187
Delta R.T. 0.00 min
Lab File: VX005279.D
Acq: 12 Oct 2018 02:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
56	100		
55	74.0	63.4	95.2

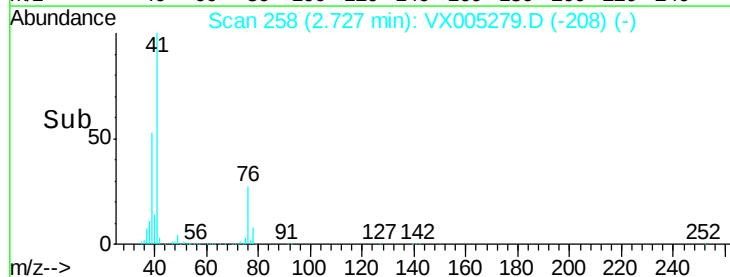
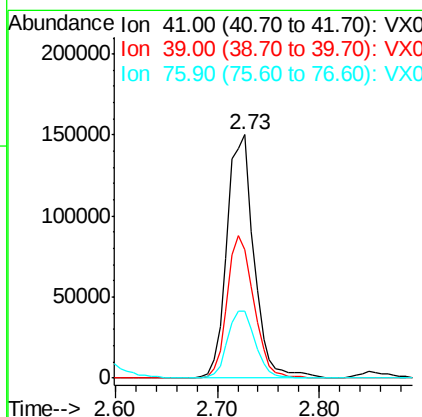
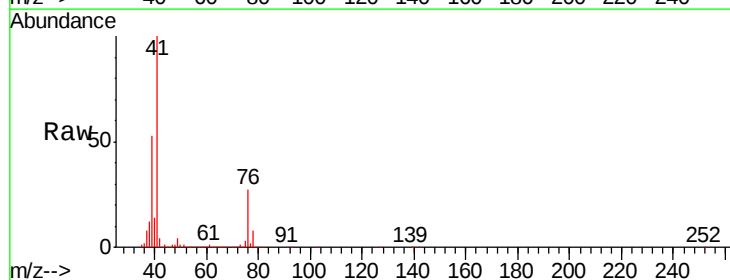
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#14
Allyl chloride
Concen: 46.24 ug/l
RT: 2.73 min Scan# 258
Delta R.T. 0.01 min
Lab File: VX005279.D
Acq: 12 Oct 2018 02:42

Tgt Ion	Ratio	Lower	Upper
41	100		
39	57.6	44.1	66.1
76	28.3	25.0	37.4





#15

Acrylonitrile

Concen: 242.84 ug/l

RT: 3.15 min Scan# 328

Delta R.T. 0.00 min

Lab File: VX005279.D

Acq: 12 Oct 2018 02:42

Instrument :

MSVOA_X

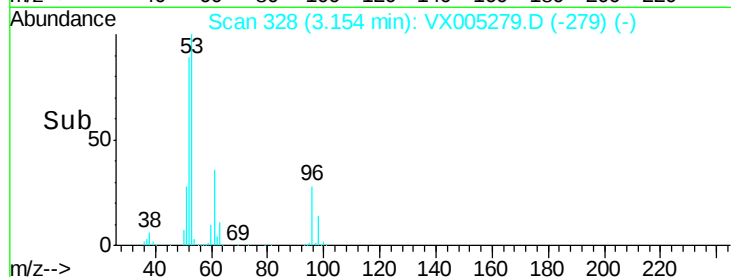
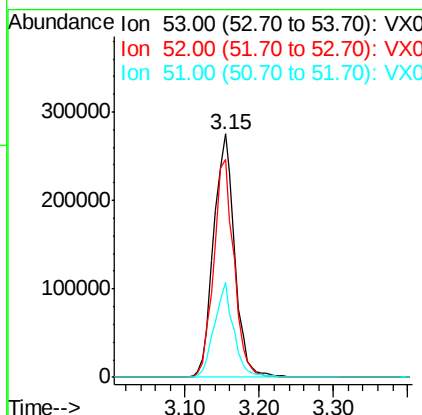
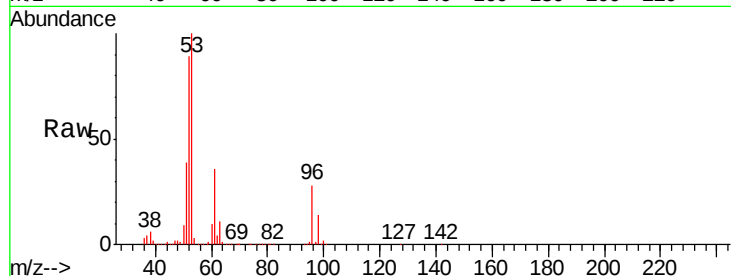
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	53	Resp:	536275
Ion	Ratio	Lower	Upper
53	100		
52	86.4	63.0	94.4
51	35.9	28.6	42.8

Manual Integrations
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#16

Acetone

Concen: 223.19 ug/l

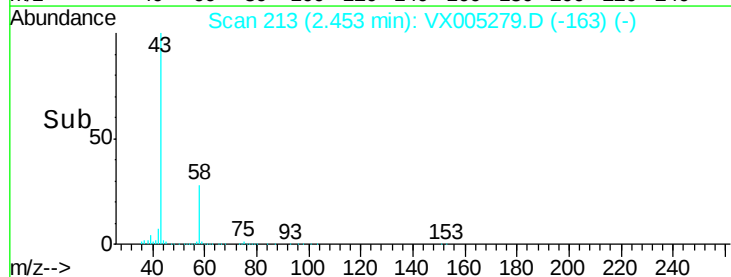
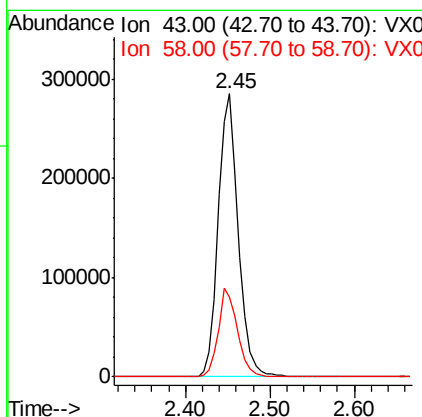
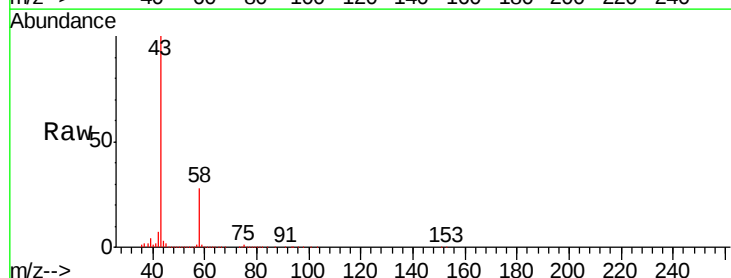
RT: 2.45 min Scan# 213

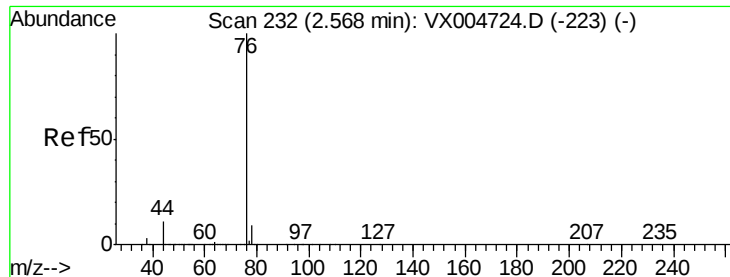
Delta R.T. 0.01 min

Lab File: VX005279.D

Acq: 12 Oct 2018 02:42

Tgt Ion:	43	Resp:	467475
Ion	Ratio	Lower	Upper
43	100		
58	28.1	21.8	32.6





#17

Carbon Disulfide

Concen: 43.68 ug/l

RT: 2.56 min Scan# 231

Delta R.T. -0.01 min

Lab File: VX005279.D

Acq: 12 Oct 2018 02:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 357166

Ion Ratio Lower Upper

76 100

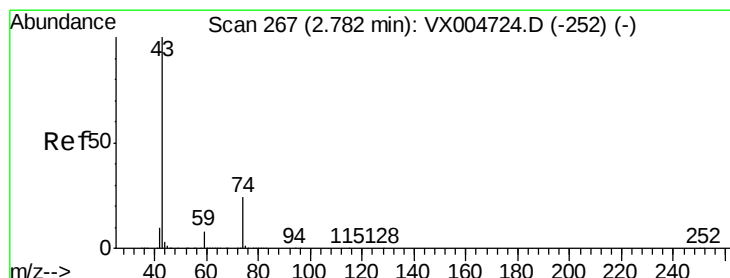
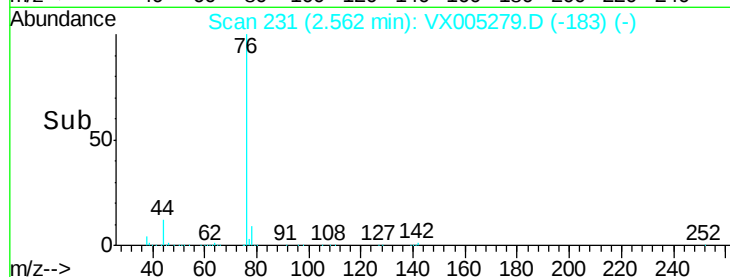
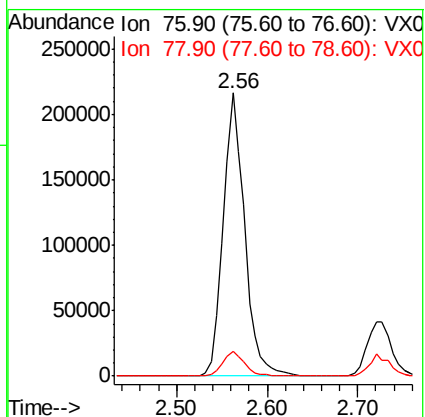
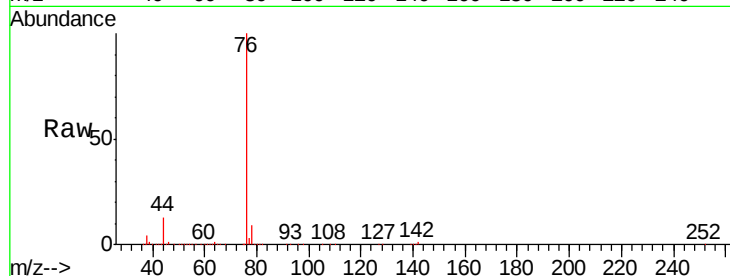
78 8.8 7.0 10.6

Manual Integrations

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#18

Methyl Acetate

Concen: 54.74 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.01 min

Lab File: VX005279.D

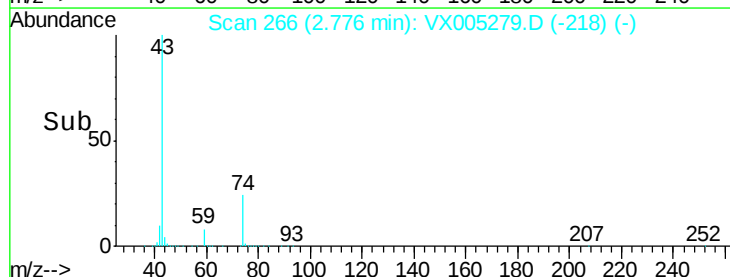
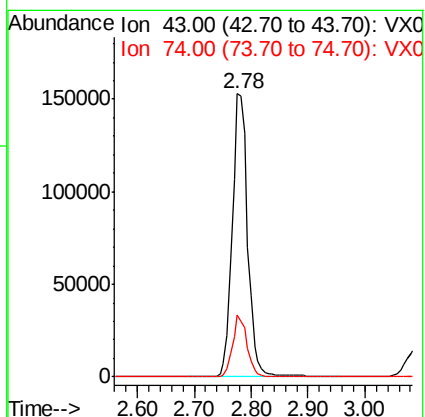
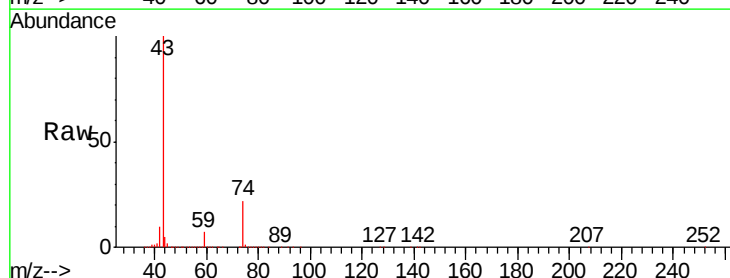
Acq: 12 Oct 2018 02:42

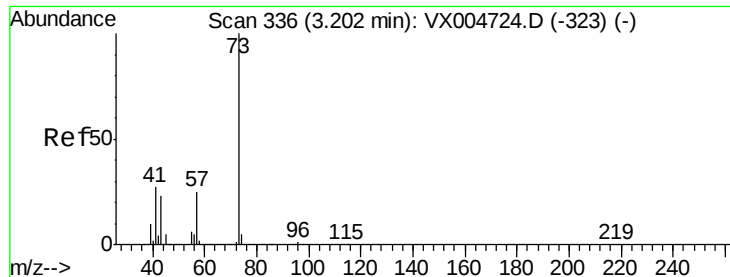
Tgt Ion: 43 Resp: 290504

Ion Ratio Lower Upper

43 100

74 20.6 17.8 26.8





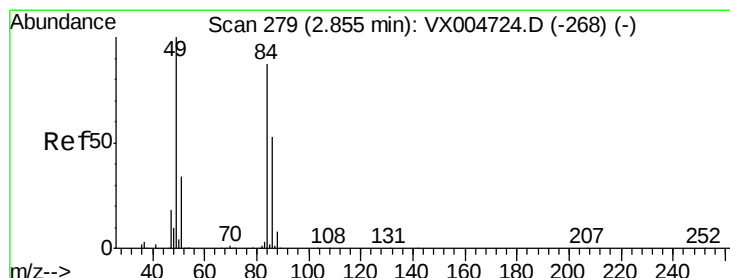
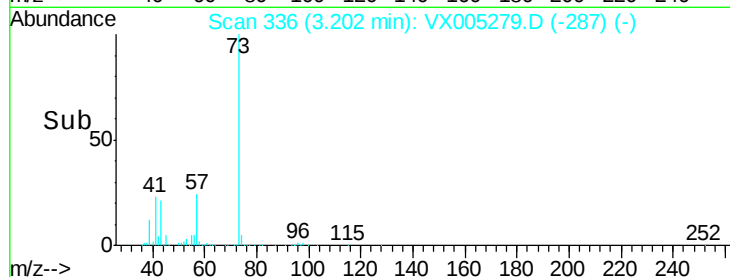
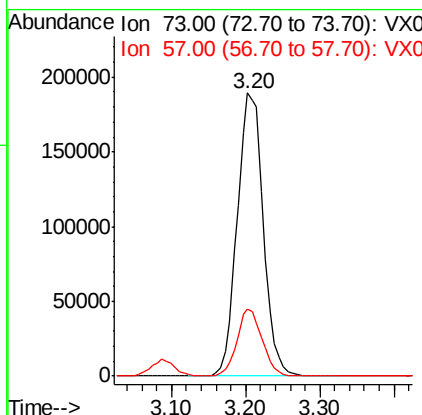
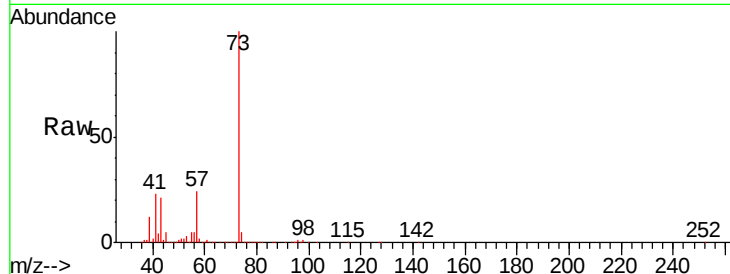
#19
Methyl tert-butyl Ether
Concen: 49.48 ug/l
RT: 3.20 min Scan# 336
Delta R.T. 0.00 min
Lab File: VX005279.D
Acq: 12 Oct 2018 02:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 464475
Ion Ratio Lower Upper
73 100
57 23.9 19.9 29.9

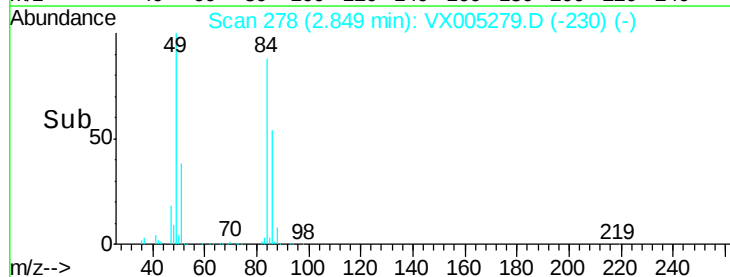
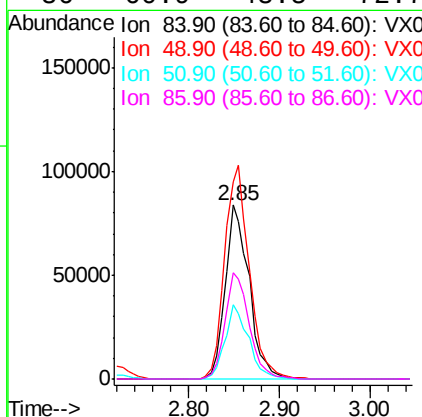
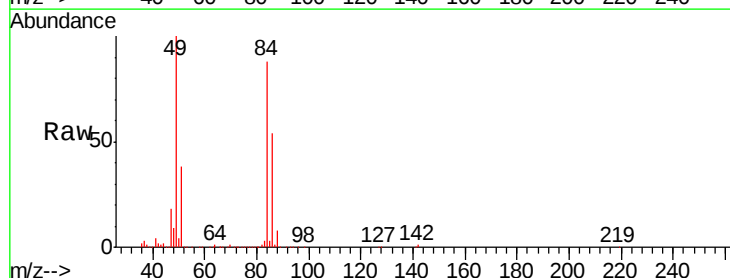
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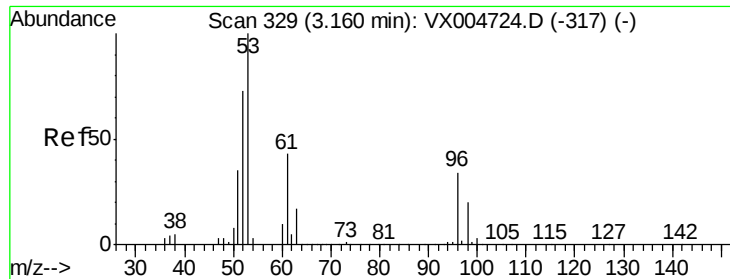
MMDadoda
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#20
Methylene Chloride
Concen: 50.07 ug/l
RT: 2.85 min Scan# 278
Delta R.T. -0.01 min
Lab File: VX005279.D
Acq: 12 Oct 2018 02:42

Tgt Ion: 84 Resp: 152490
Ion Ratio Lower Upper
84 100
49 113.4 92.3 138.5
51 42.8 31.8 47.6
86 60.9 48.5 72.7





#21

trans-1,2-Dichloroethene

Concen: 45.93 ug/l

RT: 3.15 min Scan# 328

Delta R.T. -0.01 min

Lab File: VX005279.D

Acq: 12 Oct 2018 02:42

Instrument :

MSVOA_X

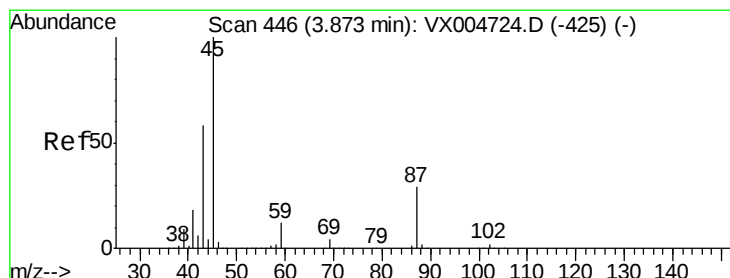
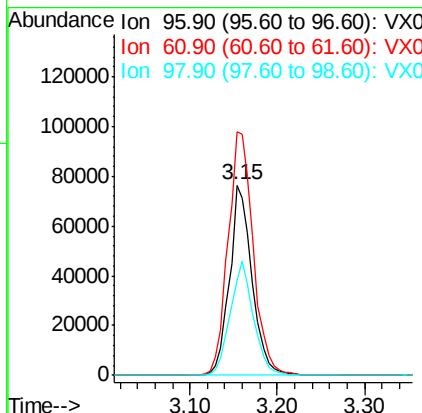
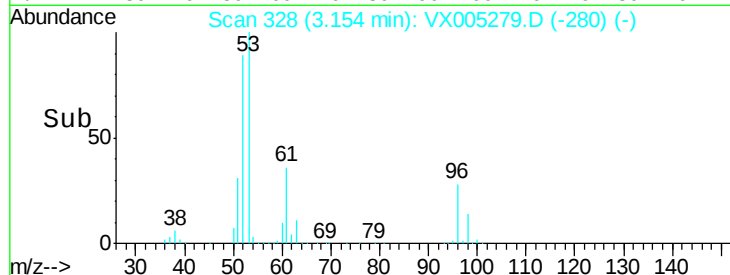
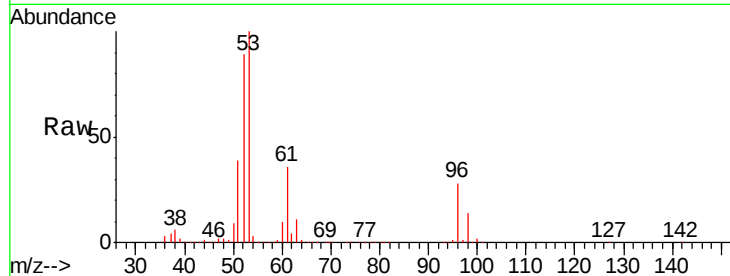
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	96	Resp:	136824
Ion	Ratio	Lower	Upper
96	100		
61	128.0	101.0	151.6
98	50.4	47.2	70.8

Manual Integrations
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#22

Diisopropyl ether

Concen: 51.33 ug/l

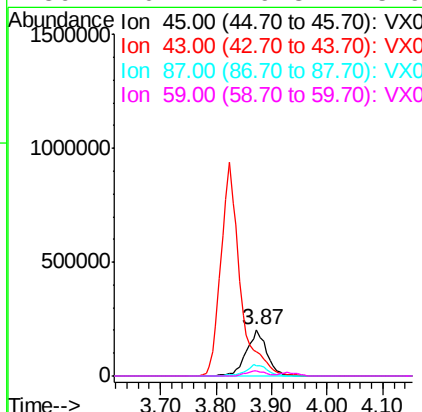
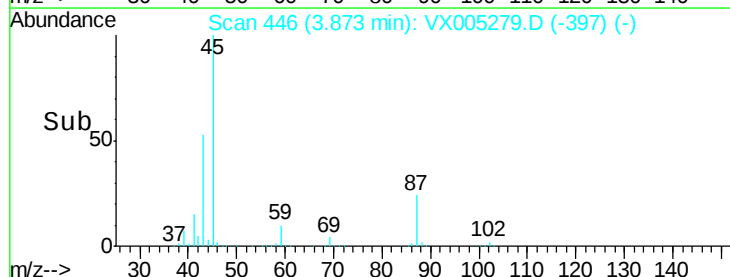
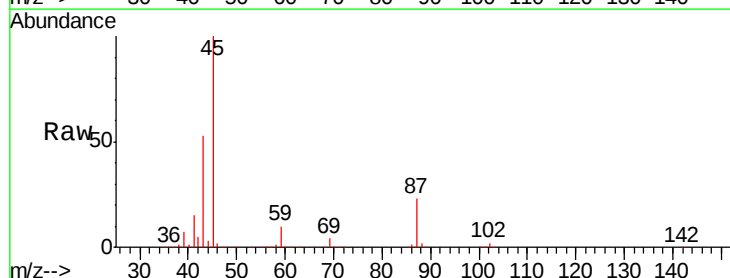
RT: 3.87 min Scan# 446

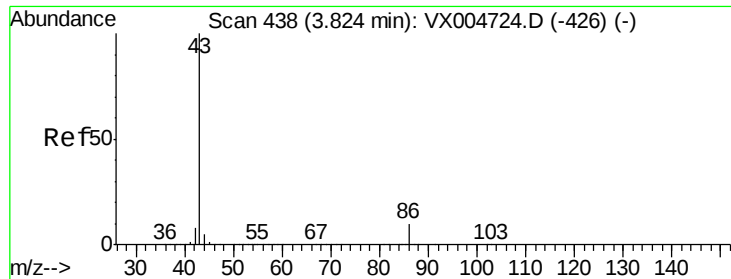
Delta R.T. 0.00 min

Lab File: VX005279.D

Acq: 12 Oct 2018 02:42

Tgt Ion:	45	Resp:	513243
Ion	Ratio	Lower	Upper
45	100		
43	53.4	46.7	70.1
87	23.5	22.9	34.3
59	10.4	9.3	13.9





#23

Vinyl Acetate

Concen: 245.30 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.00 min

Lab File: VX005279.D

Acq: 12 Oct 2018 02:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 2245024

Ion Ratio Lower Upper

43 100

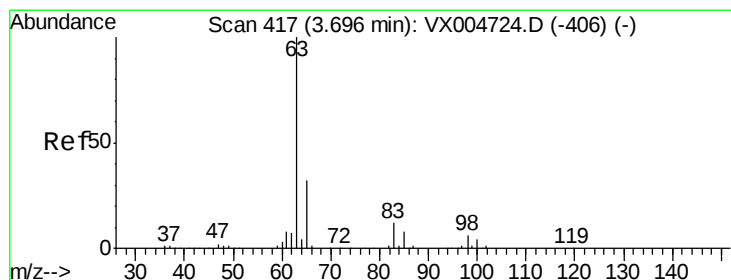
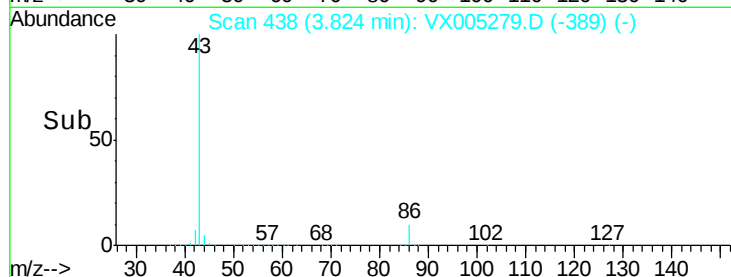
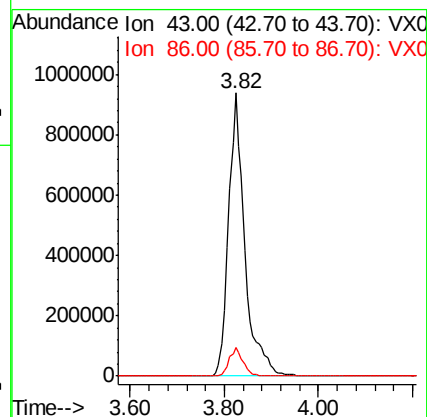
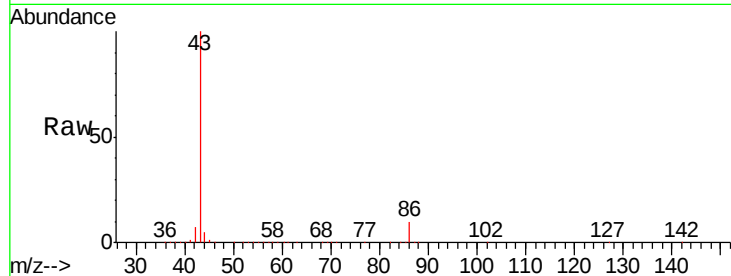
86 9.9 8.1 12.1

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 45.78 ug/l

RT: 3.69 min Scan# 416

Delta R.T. -0.01 min

Lab File: VX005279.D

Acq: 12 Oct 2018 02:42

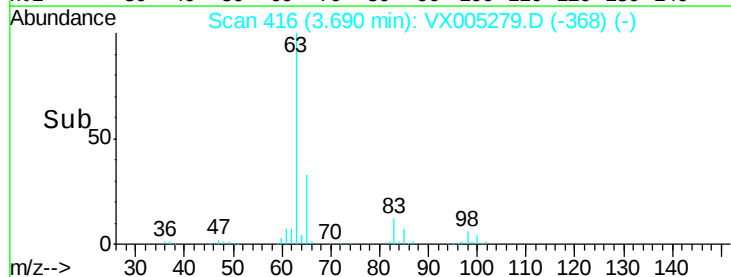
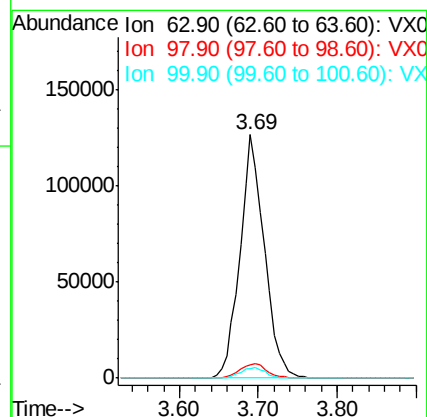
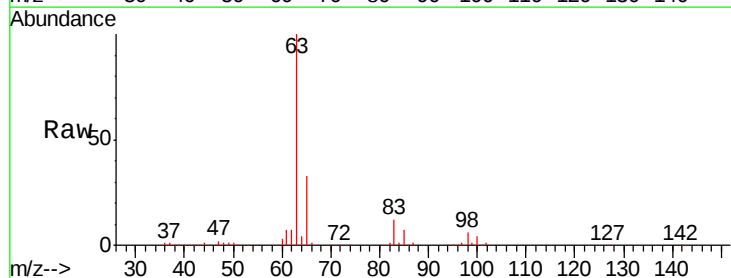
Tgt Ion: 63 Resp: 273067

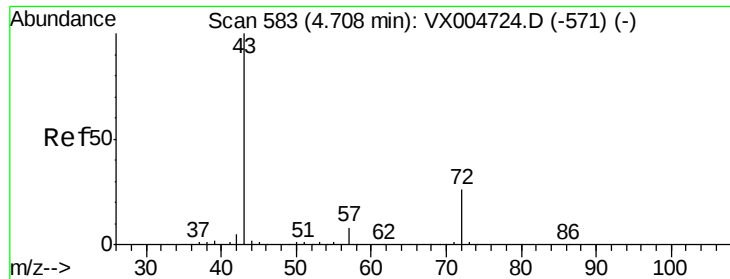
Ion Ratio Lower Upper

63 100

98 5.6 3.0 9.2

100 3.9 2.0 5.8





#25

2-Butanone

Concen: 234.53 ug/l

RT: 4.71 min Scan# 583

Delta R.T. 0.00 min

Lab File: VX005279.D

Acq: 12 Oct 2018 02:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 724082

Ion Ratio Lower Upper

43 100

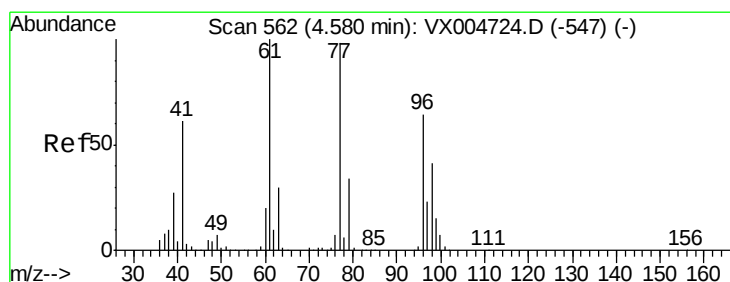
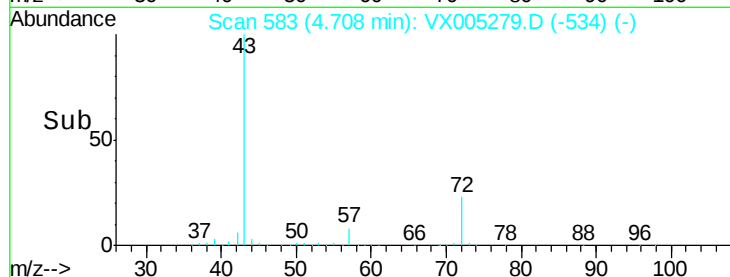
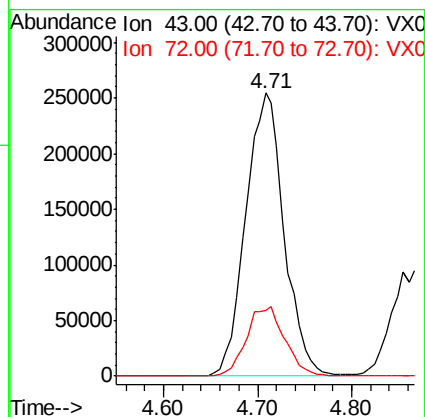
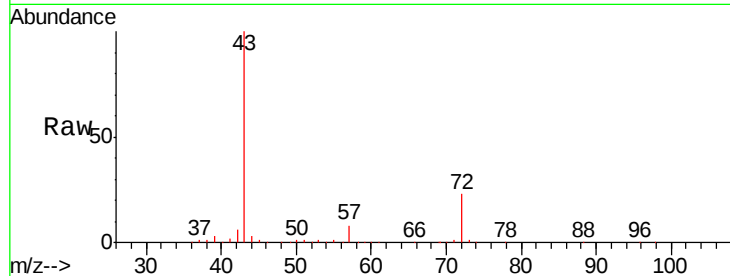
72 23.0 20.8 31.2

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 33.29 ug/l

RT: 4.58 min Scan# 562

Delta R.T. 0.00 min

Lab File: VX005279.D

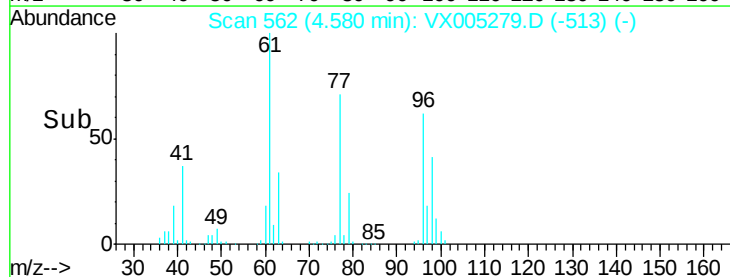
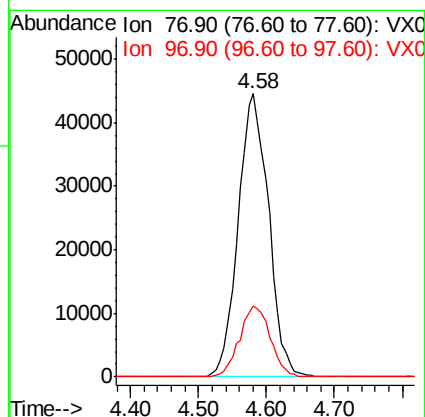
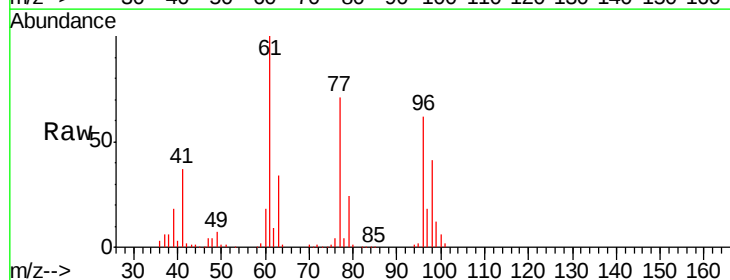
Acq: 12 Oct 2018 02:42

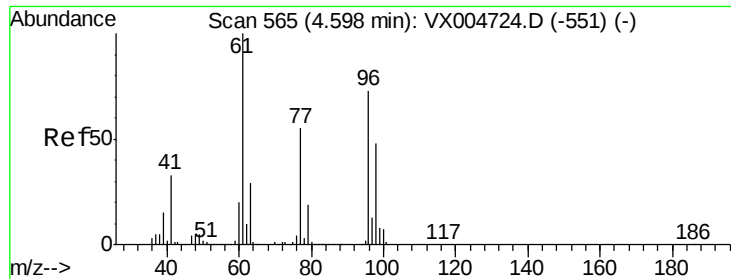
Tgt Ion: 77 Resp: 138253

Ion Ratio Lower Upper

77 100

97 25.5 12.6 37.8





#27

cis-1,2-Dichloroethene

Concen: 48.24 ug/l

RT: 4.59 min Scan# 564

Delta R.T. -0.01 min

Lab File: VX005279.D

Acq: 12 Oct 2018 02:42

Instrument :

MSVOA_X

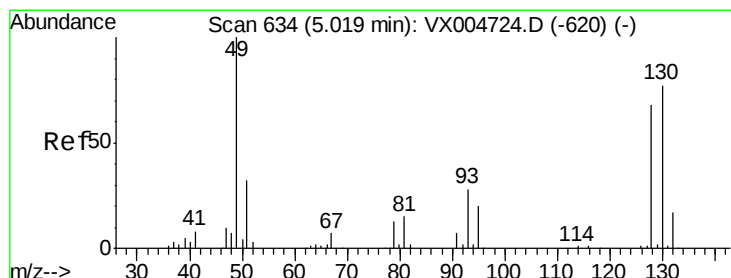
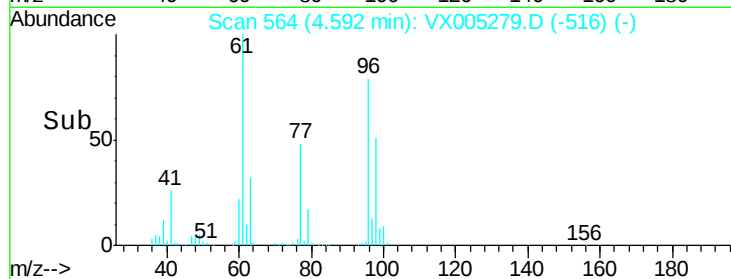
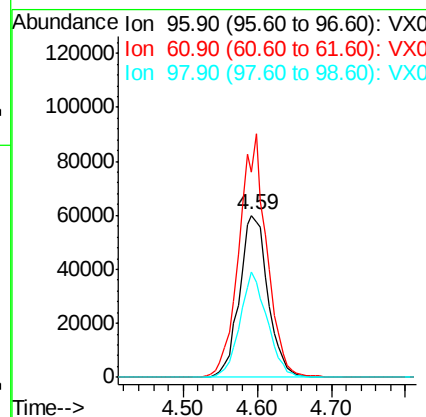
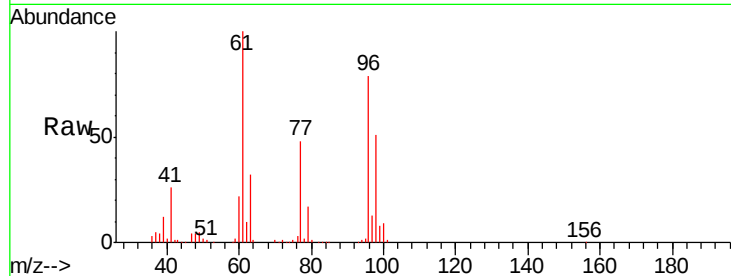
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	96	Resp:	160536
Ion	Ratio	Lower	Upper
96	100		
61	146.5	0.0	285.8
98	62.3	0.0	136.2

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#28

Bromochloromethane

Concen: 37.06 ug/l

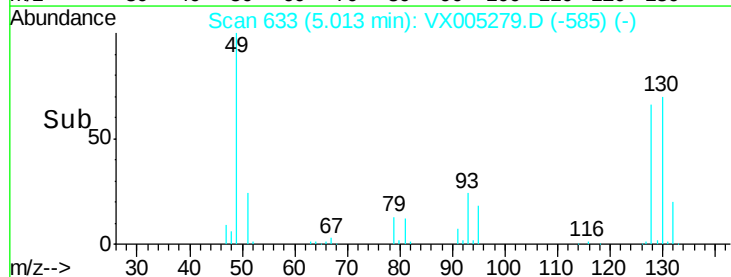
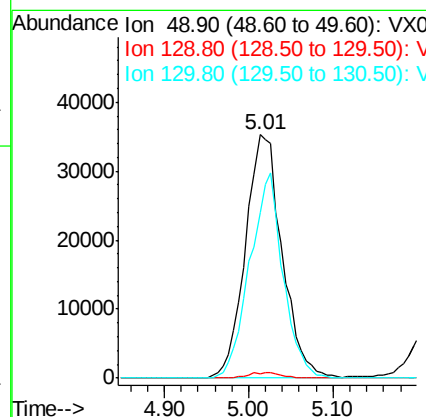
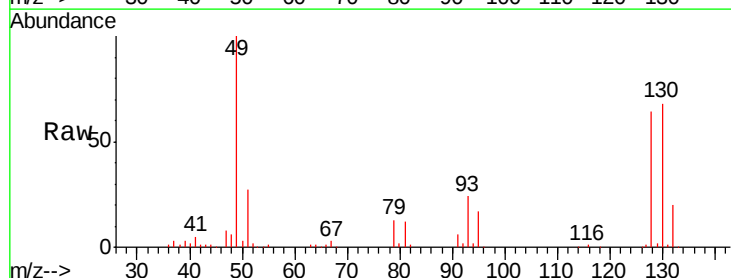
RT: 5.01 min Scan# 633

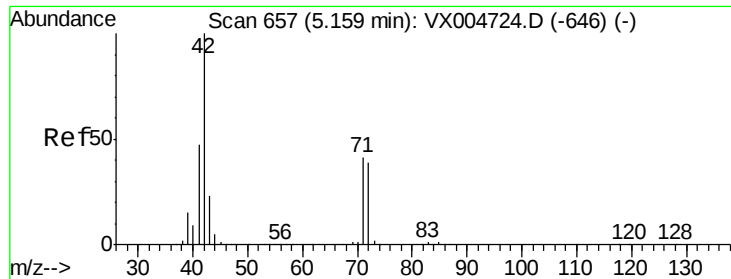
Delta R.T. -0.01 min

Lab File: VX005279.D

Acq: 12 Oct 2018 02:42

Tgt Ion:	49	Resp:	104083
Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	4.2
130	76.8	62.0	93.0





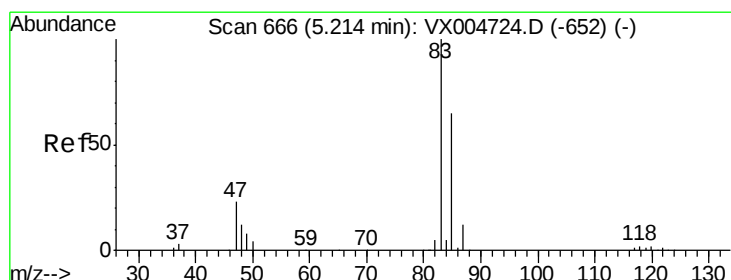
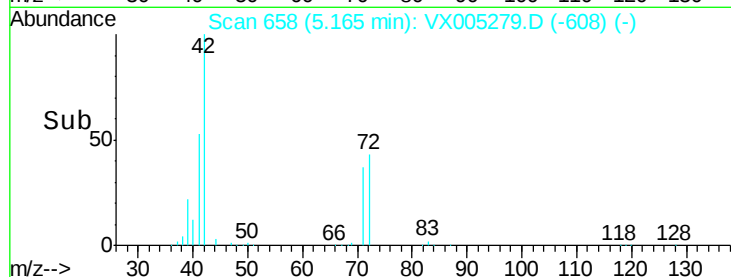
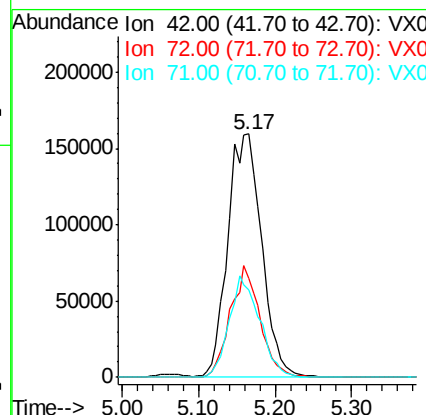
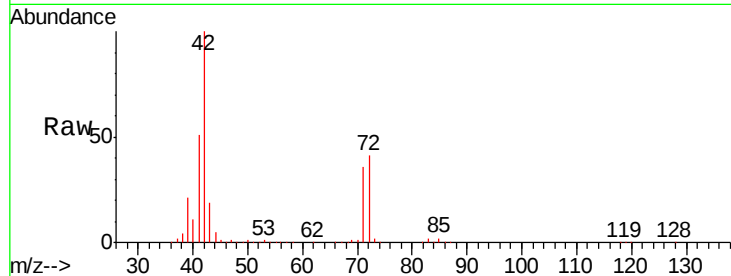
#29
Tetrahydrofuran
Concen: 253.20 ug/l
RT: 5.17 min Scan# 658
Delta R.T. 0.01 min
Lab File: VX005279.D
Acq: 12 Oct 2018 02:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
42	100		
72	40.5	33.7	50.5
71	38.1	32.2	48.4

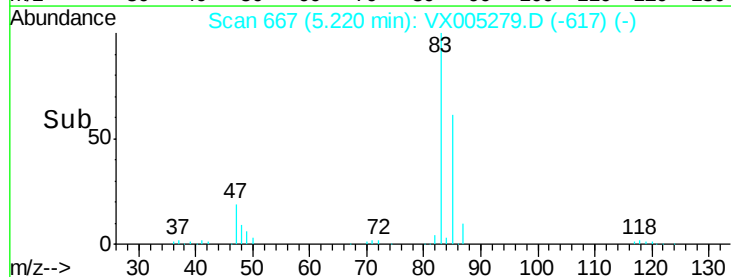
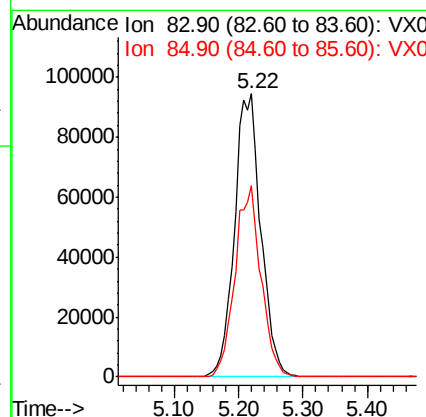
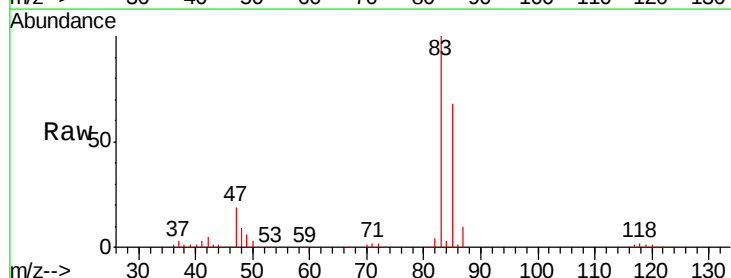
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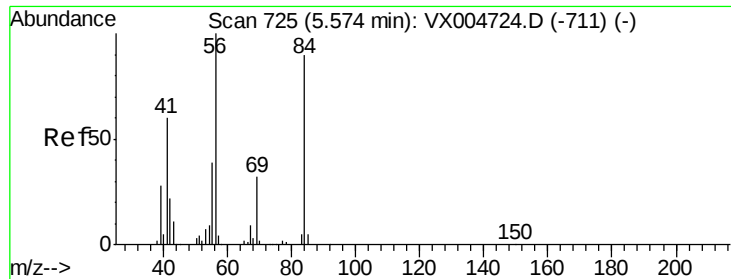
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#30
Chloroform
Concen: 47.92 ug/l
RT: 5.22 min Scan# 667
Delta R.T. 0.01 min
Lab File: VX005279.D
Acq: 12 Oct 2018 02:42

Tgt Ion	Ratio	Lower	Upper
83	100		
85	67.6	52.4	78.6





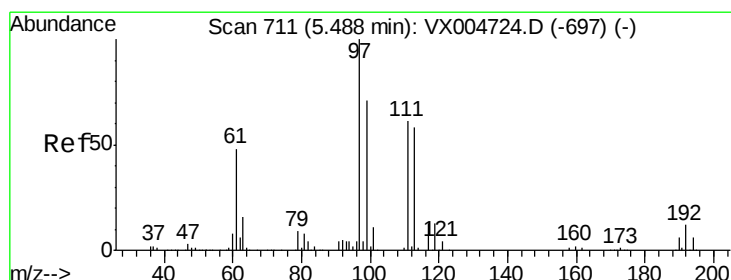
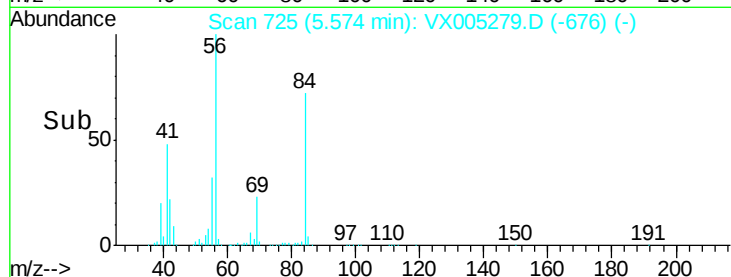
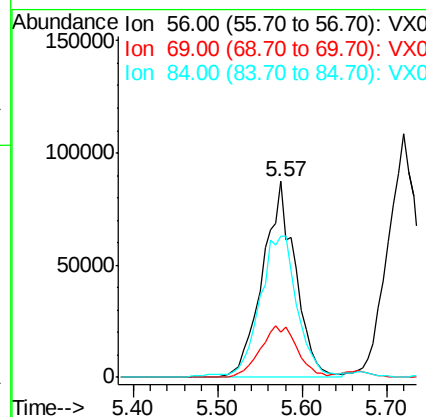
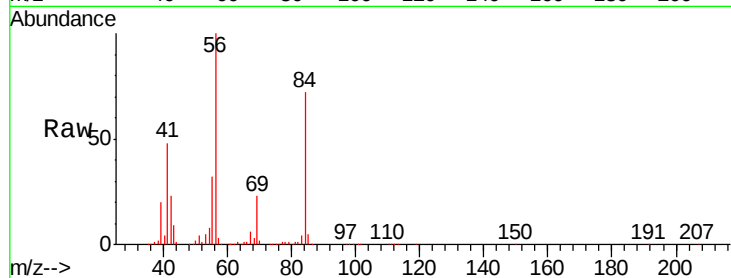
#31
Cyclohexane
Concen: 51.13 ug/l
RT: 5.57 min Scan# 725
Delta R.T. 0.00 min
Lab File: VX005279.D
Acq: 12 Oct 2018 02:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
56	100		
69	22.9	25.9	38.9#
84	71.0	71.9	107.9#

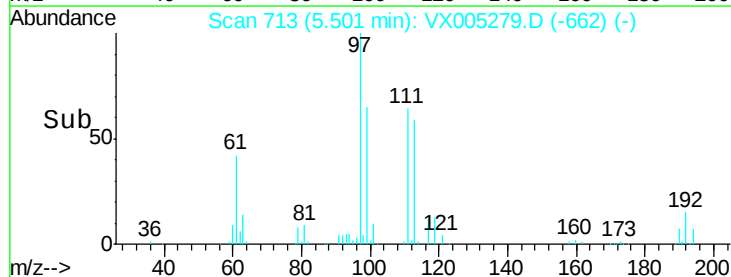
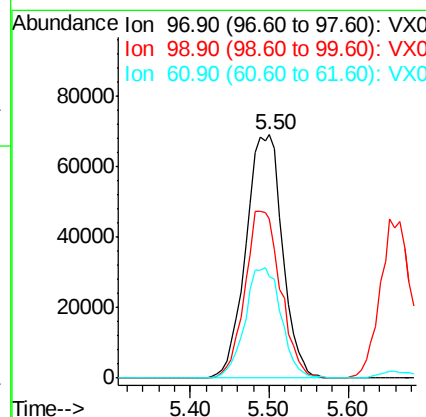
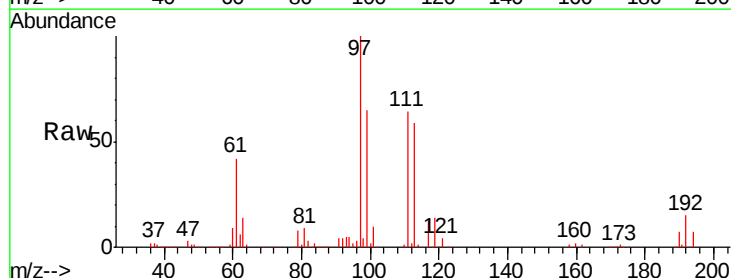
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#32
1,1,1-Trichloroethane
Concen: 48.27 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.01 min
Lab File: VX005279.D
Acq: 12 Oct 2018 02:42

Tgt Ion	Ratio	Lower	Upper
97	100		
99	66.9	54.6	82.0
61	45.2	37.5	56.3





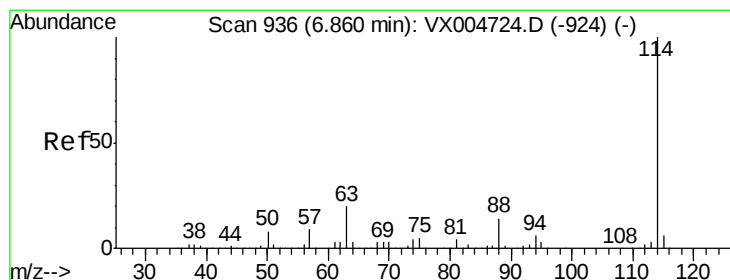
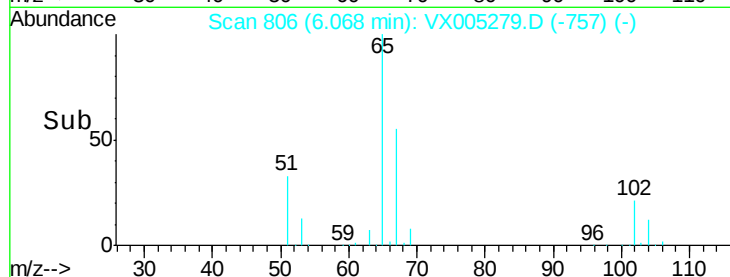
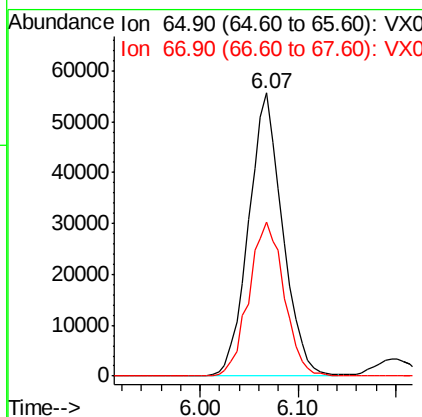
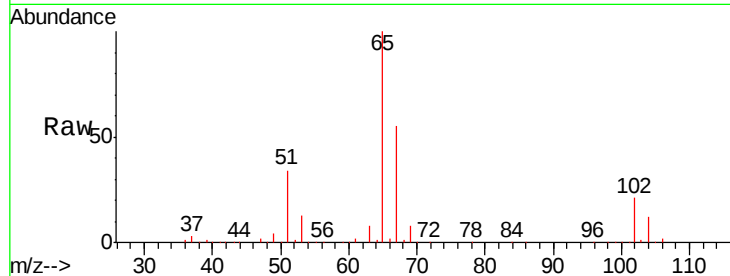
#33
 1,2-Dichloroethane-d4
 Concen: 37.45 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX005279.D
 Acq: 12 Oct 2018 02:42

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 65 Resp: 134374
 Ion Ratio Lower Upper
 65 100
 67 56.8 0.0 107.4

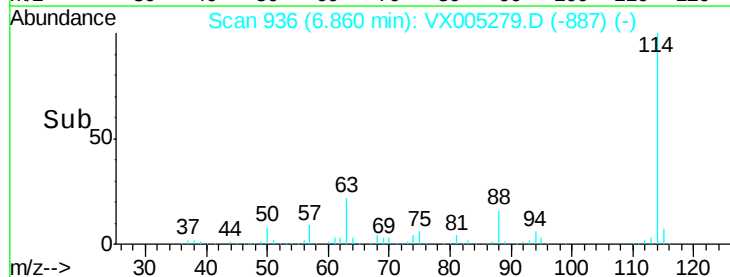
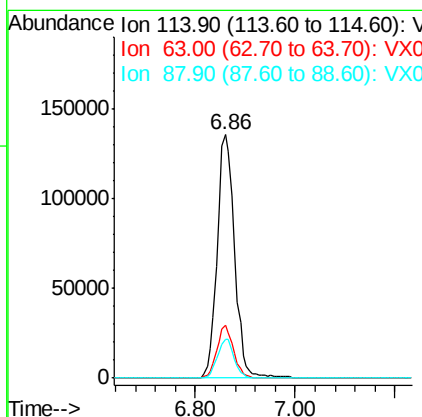
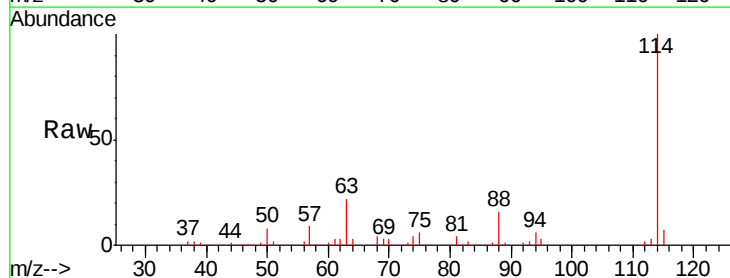
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX005279.D
 Acq: 12 Oct 2018 02:42

Tgt Ion: 114 Resp: 328602
 Ion Ratio Lower Upper
 114 100
 63 21.7 0.0 39.8
 88 15.7 0.0 27.0





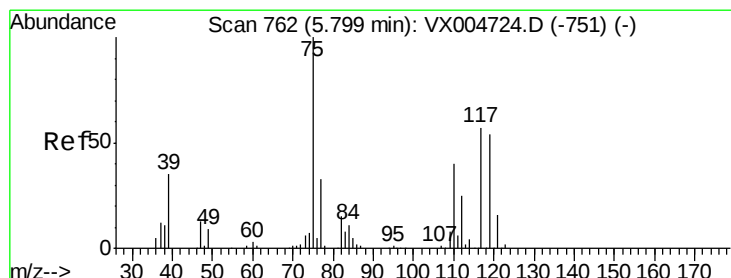
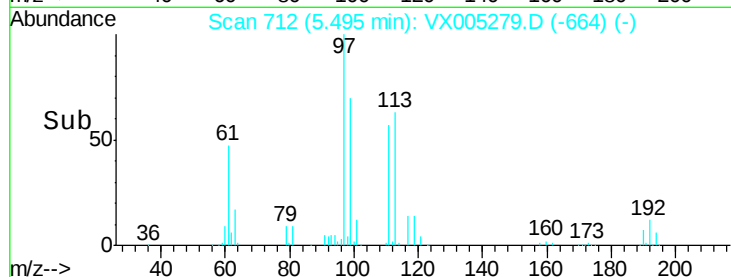
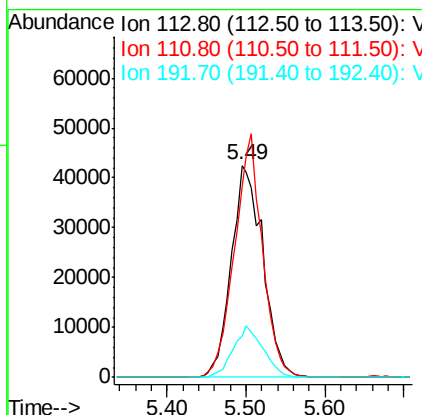
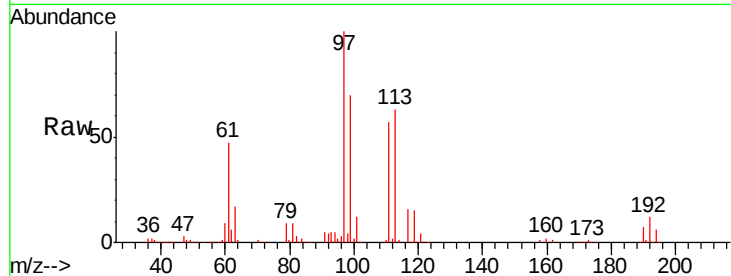
#35
 Dibromofluoromethane
 Concen: 42.65 ug/l
 RT: 5.49 min Scan# 712
 Delta R.T. -0.01 min
 Lab File: VX005279.D
 Acq: 12 Oct 2018 02:42

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	118776		
111	100.9	77.0	115.4	
192	22.8	17.0	25.6	

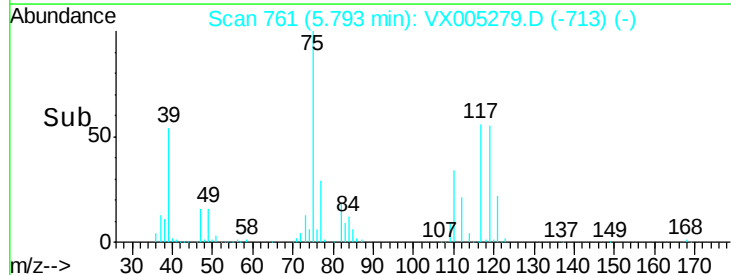
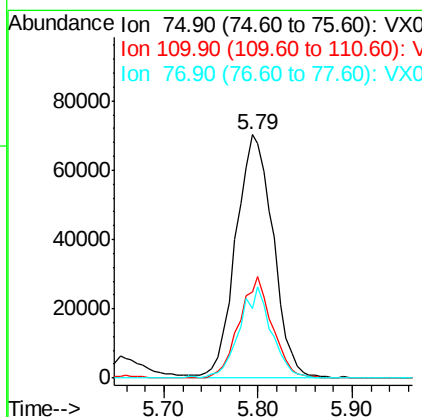
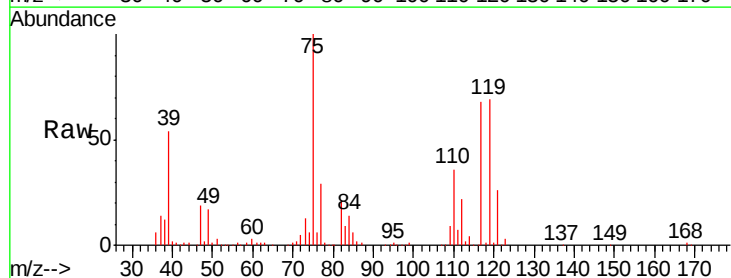
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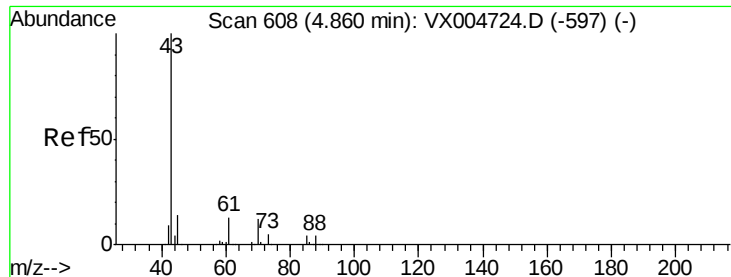
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#36
 1,1-Dichloropropene
 Concen: 50.61 ug/l
 RT: 5.79 min Scan# 761
 Delta R.T. -0.01 min
 Lab File: VX005279.D
 Acq: 12 Oct 2018 02:42

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	192309		
110	37.4	20.0	59.9	
77	32.3	27.1	40.7	





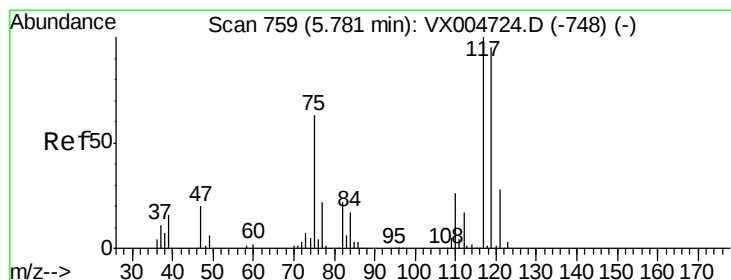
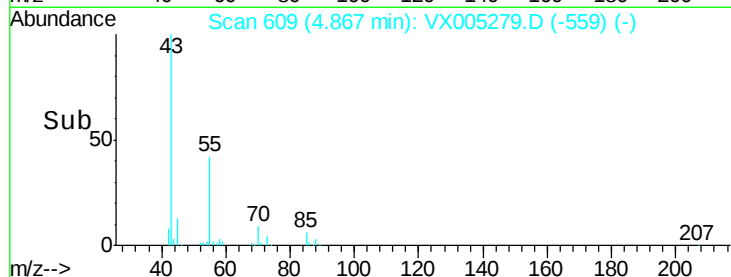
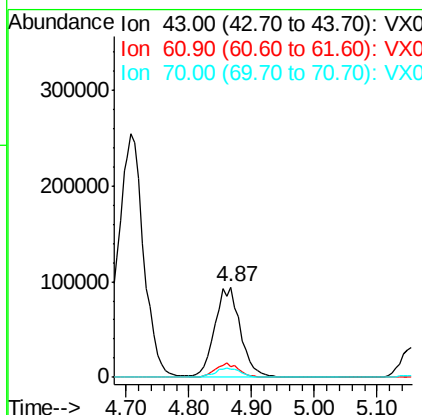
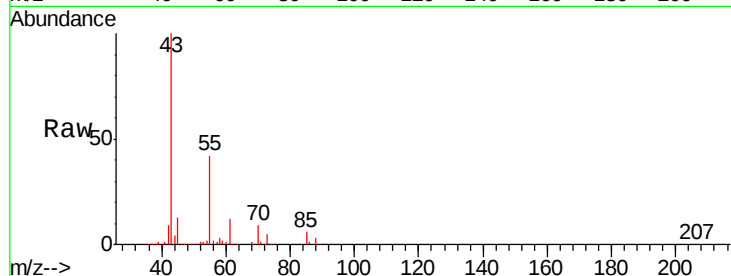
#37
Ethyl Acetate
Concen: 52.99 ug/l
RT: 4.87 min Scan# 609
Delta R.T. 0.01 min
Lab File: VX005279.D
Acq: 12 Oct 2018 02:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
43	100		
61	14.0	10.4	15.6
70	10.3	8.7	13.1

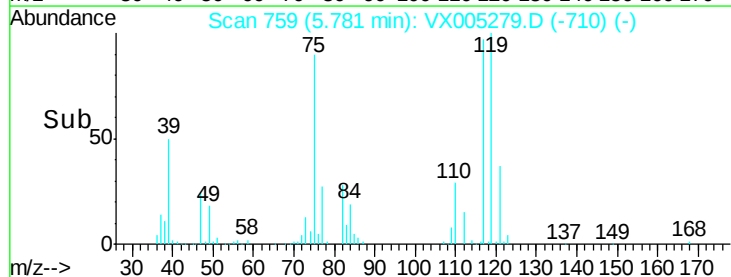
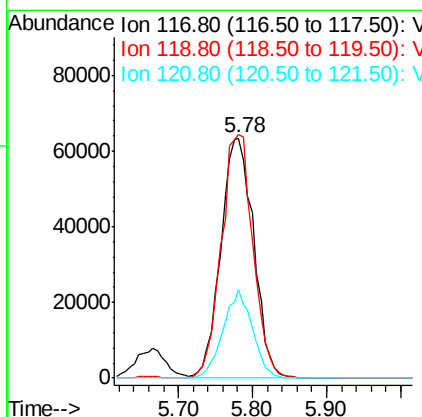
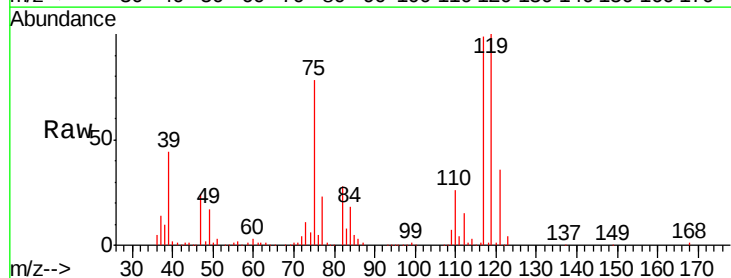
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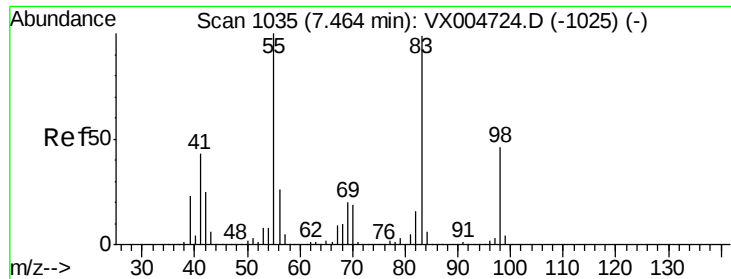
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#38
Carbon Tetrachloride
Concen: 48.81 ug/l
RT: 5.78 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX005279.D
Acq: 12 Oct 2018 02:42

Tgt Ion	Ratio	Lower	Upper
117	100		
119	101.4	75.2	112.8
121	36.7	22.5	33.7#





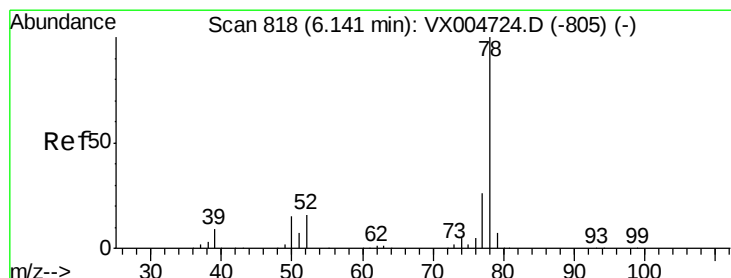
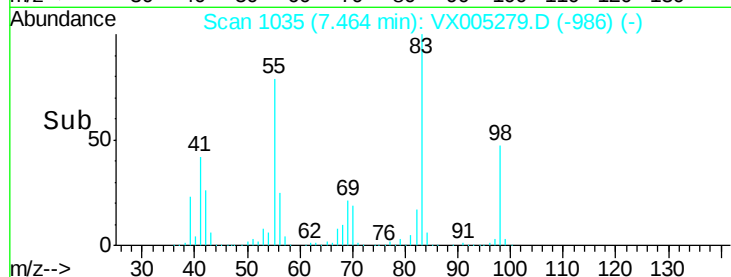
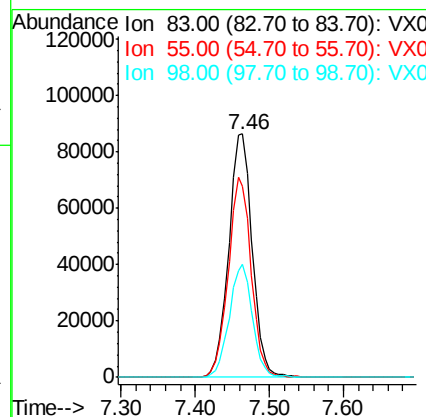
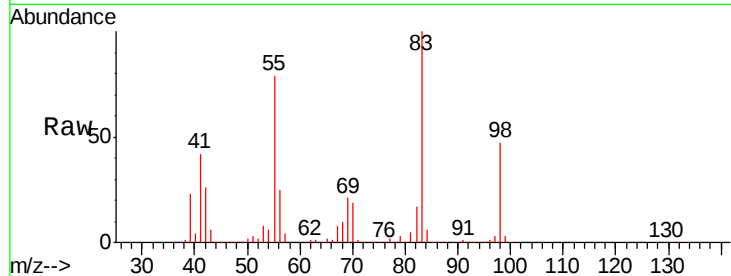
#39
Methylcyclohexane
Concen: 49.20 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX005279.D
Acq: 12 Oct 2018 02:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
83	100		
55	78.5	81.1	121.7#
98	46.5	37.3	55.9

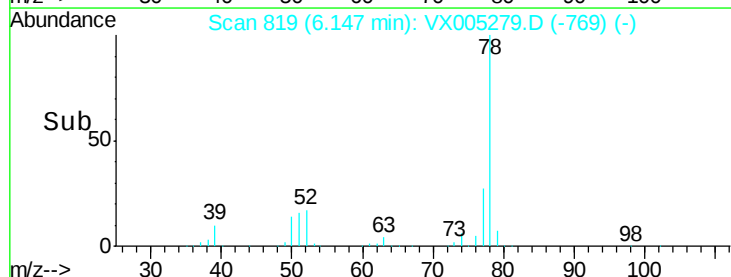
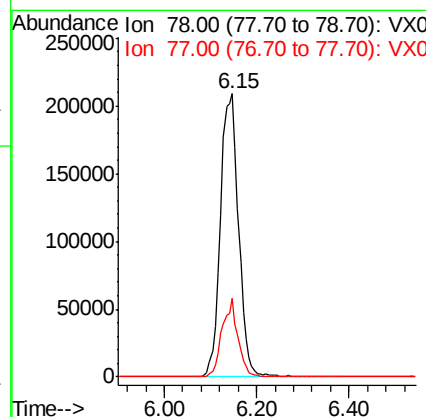
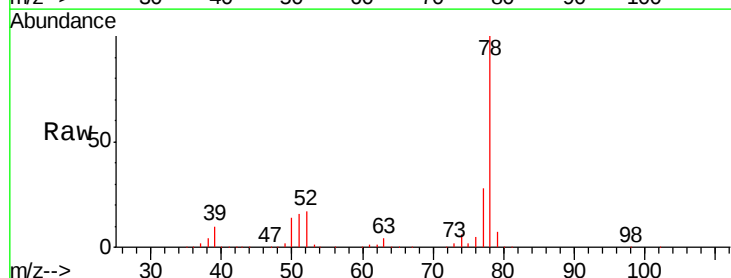
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#40
Benzene
Concen: 47.92 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX005279.D
Acq: 12 Oct 2018 02:42

Tgt Ion	Ratio	Lower	Upper
78	100		
77	27.9	21.0	31.4





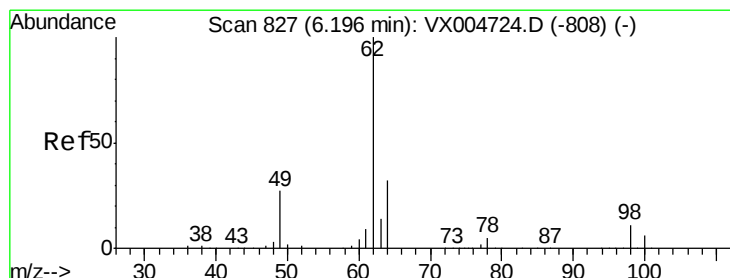
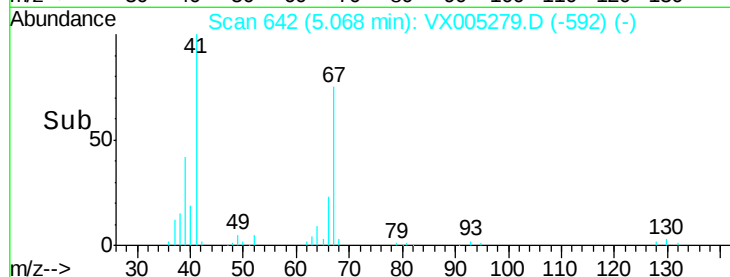
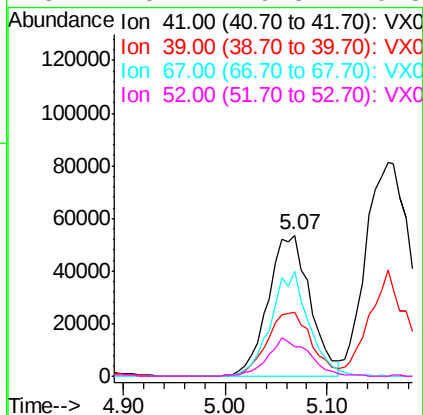
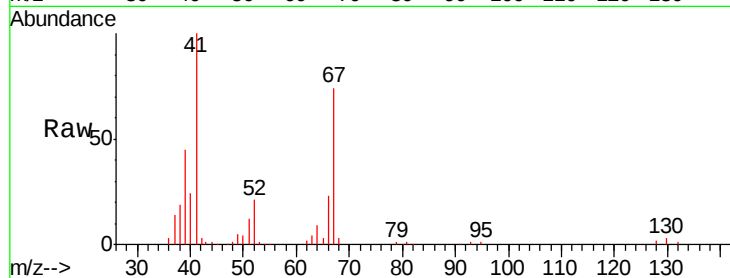
#41
Methacrylonitrile
Concen: 54.70 ug/l
RT: 5.07 min Scan# 642
Delta R.T. 0.01 min
Lab File: VX005279.D
Acq: 12 Oct 2018 02:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
41	100		
39	48.2	42.5	63.7
67	67.7	53.0	79.6
52	26.1	19.8	29.8

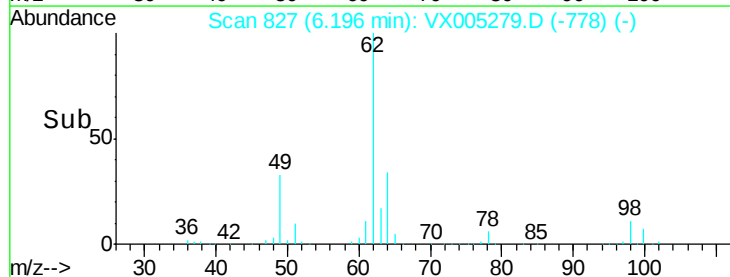
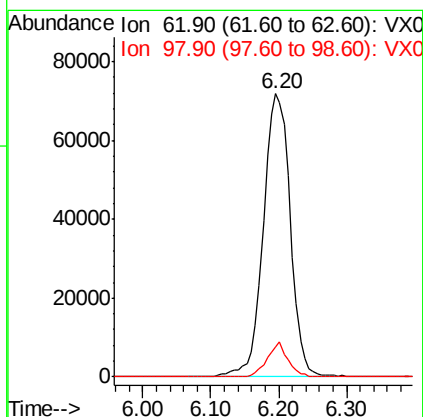
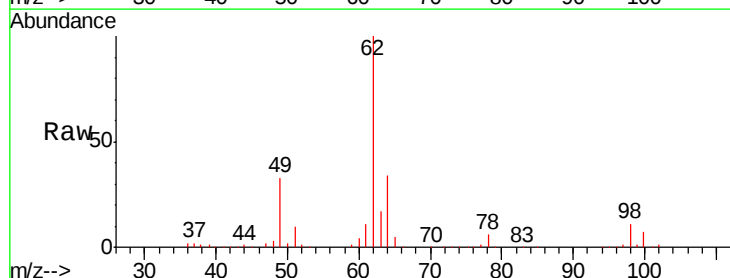
Manual Integrations
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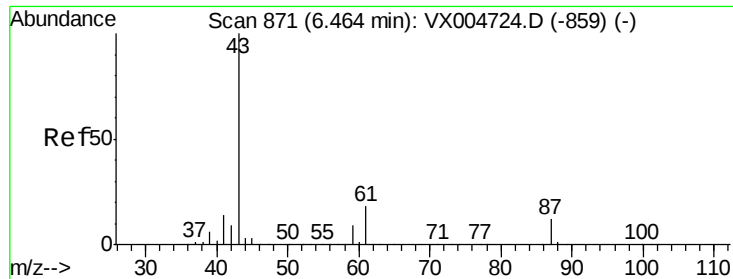
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#42
1,2-Dichloroethane
Concen: 47.38 ug/l
RT: 6.20 min Scan# 827
Delta R.T. 0.00 min
Lab File: VX005279.D
Acq: 12 Oct 2018 02:42

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	20.2





#43

Isopropyl Acetate

Concen: 48.18 ug/l

RT: 6.46 min Scan# 871

Delta R.T. 0.00 min

Lab File: VX005279.D

Acq: 12 Oct 2018 02:42

Instrument :

MSVOA_X

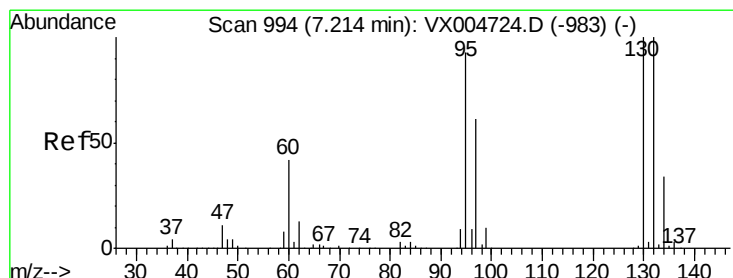
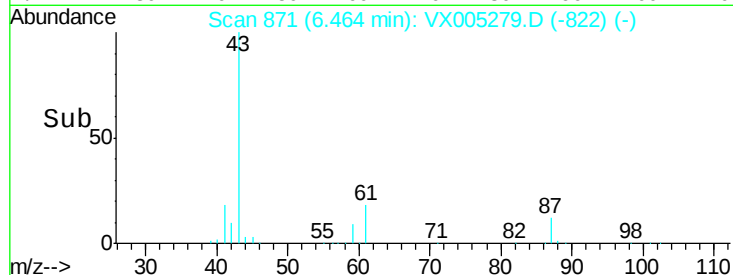
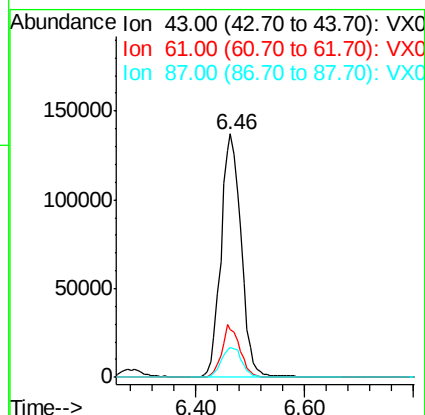
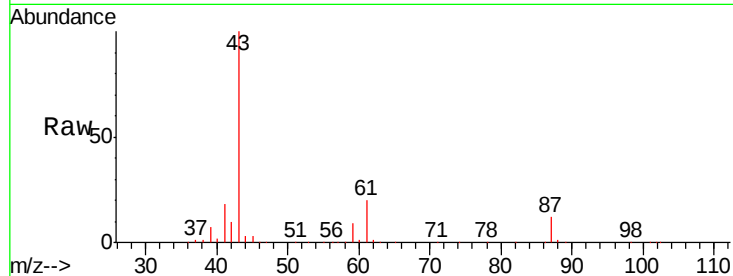
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	43	Resp:	350713
Ion	Ratio	Lower	Upper
43	100		
61	19.2	14.2	21.4
87	12.6	9.3	13.9

Manual Integrations
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#44

Trichloroethene

Concen: 48.33 ug/l

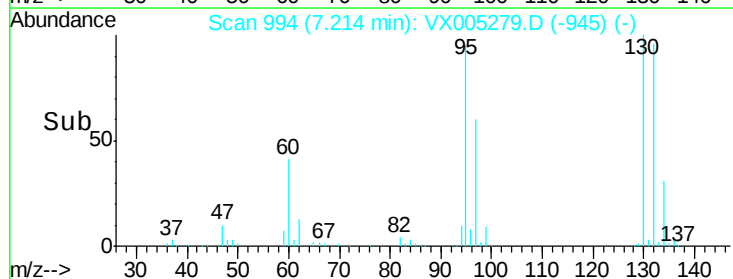
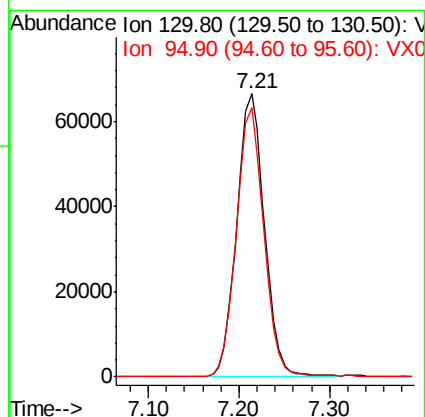
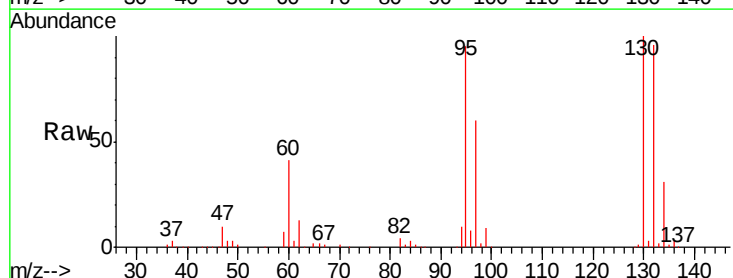
RT: 7.21 min Scan# 994

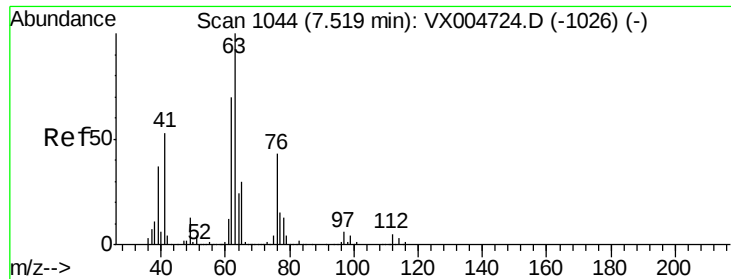
Delta R.T. 0.00 min

Lab File: VX005279.D

Acq: 12 Oct 2018 02:42

Tgt Ion:	130	Resp:	141341
Ion	Ratio	Lower	Upper
130	100		
95	95.0	0.0	186.8





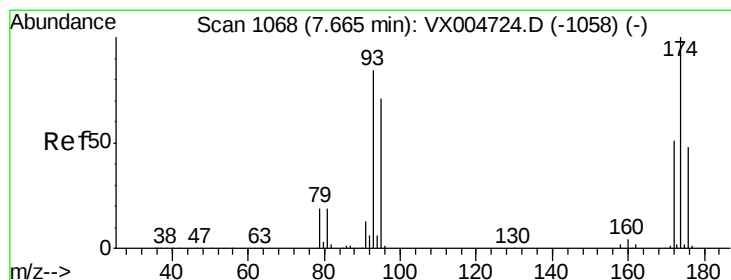
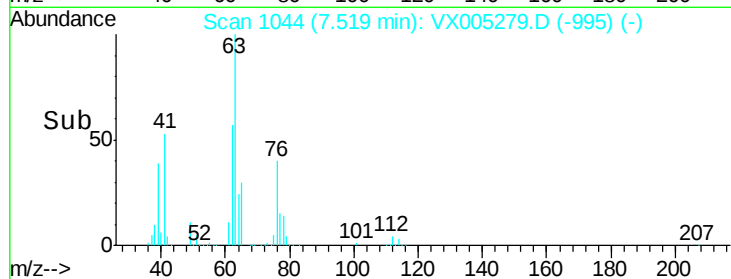
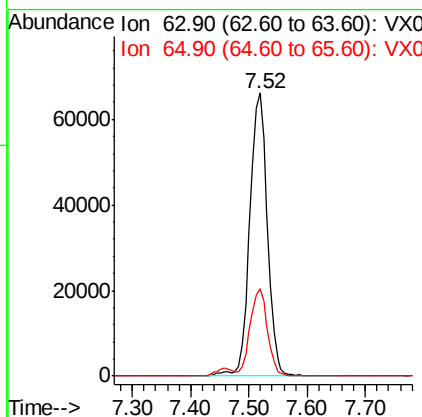
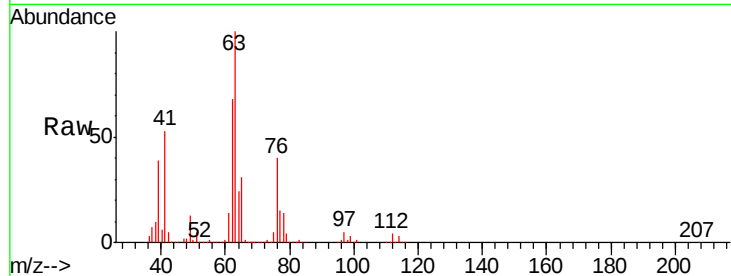
#45
 1,2-Dichloropropane
 Concen: 47.31 ug/l
 RT: 7.52 min Scan# 1044
 Delta R.T. 0.00 min
 Lab File: VX005279.D
 Acq: 12 Oct 2018 02:42

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 63 Resp: 138024
 Ion Ratio Lower Upper
 63 100
 65 30.8 23.9 35.9

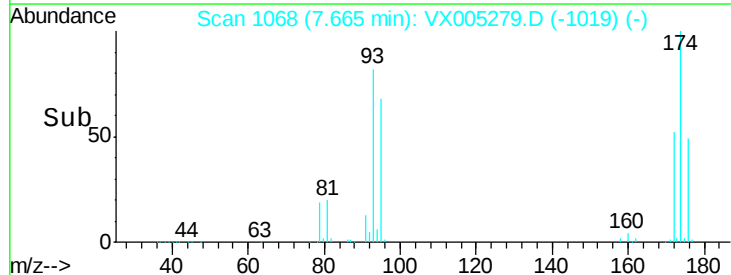
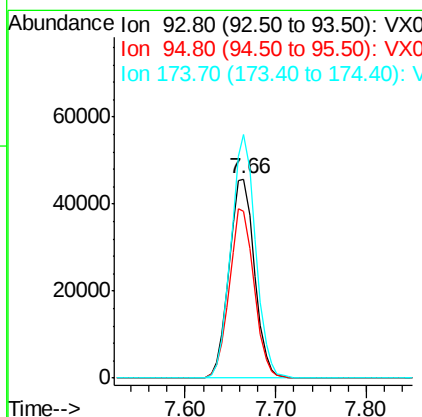
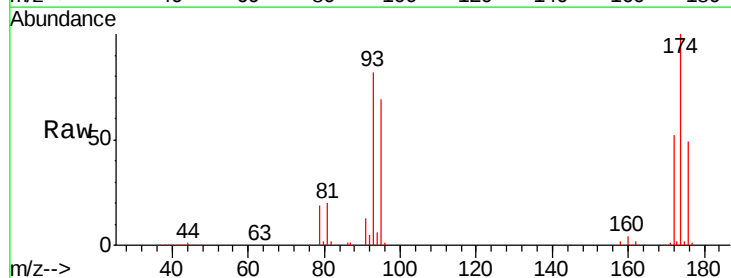
Manual Integrations
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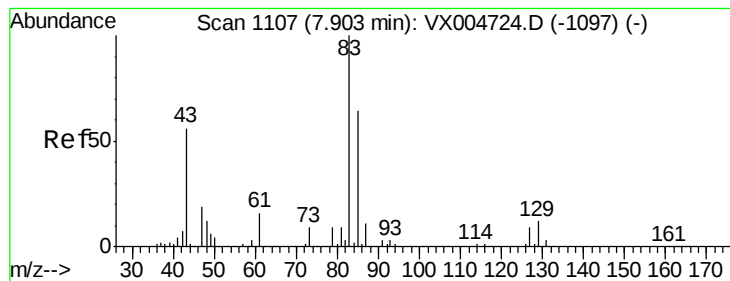
MMDadoda
 10/12/2018 2:34:13 PM



#46
 Dibromomethane
 Concen: 48.77 ug/l
 RT: 7.66 min Scan# 1068
 Delta R.T. 0.00 min
 Lab File: VX005279.D
 Acq: 12 Oct 2018 02:42

Tgt Ion: 93 Resp: 89405
 Ion Ratio Lower Upper
 93 100
 95 82.9 66.7 100.1
 174 117.7 92.7 139.1





#47

Bromodichloromethane

Concen: 50.82 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.01 min

Lab File: VX005279.D

Acq: 12 Oct 2018 02:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 174432

Ion Ratio Lower Upper

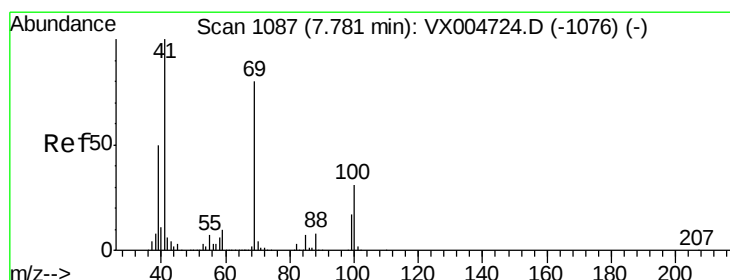
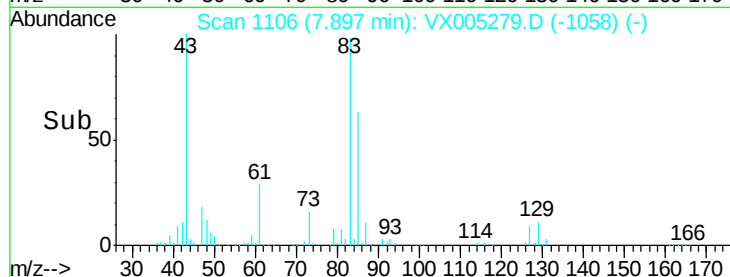
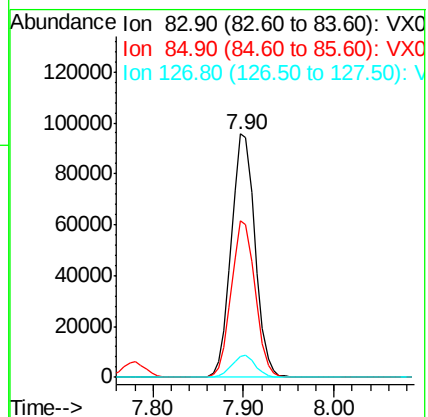
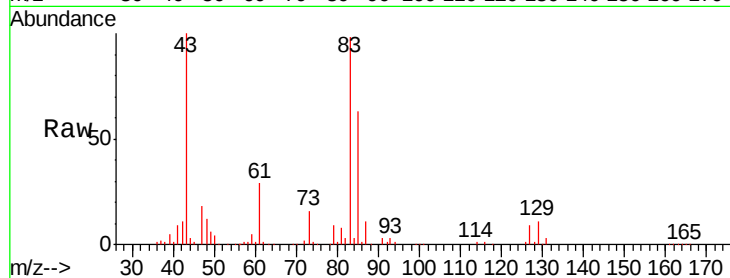
83 100

85 64.2 51.2 76.8

127 8.8 7.0 10.6

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#48

Methyl methacrylate

Concen: 52.87 ug/l

RT: 7.78 min Scan# 1087

Delta R.T. 0.00 min

Lab File: VX005279.D

Acq: 12 Oct 2018 02:42

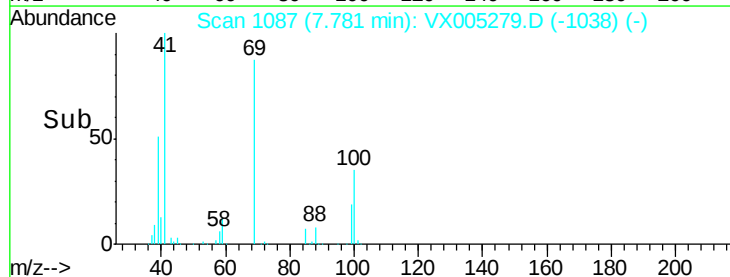
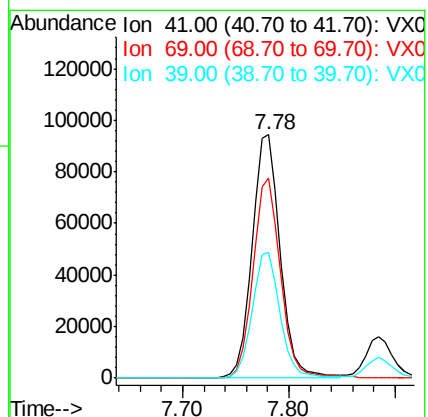
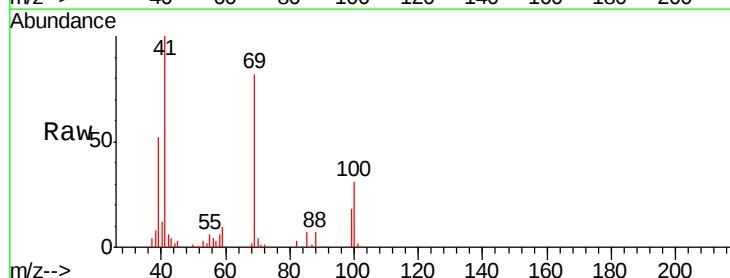
Tgt Ion: 41 Resp: 174697

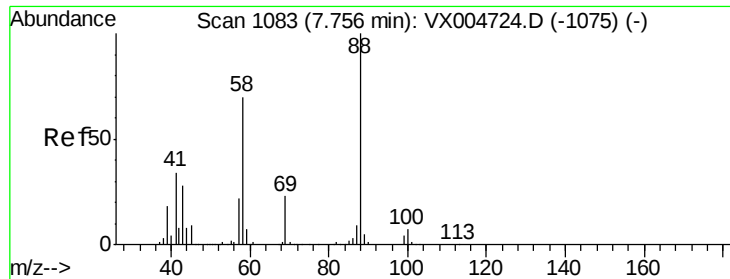
Ion Ratio Lower Upper

41 100

69 81.1 63.8 95.6

39 51.3 40.7 61.1





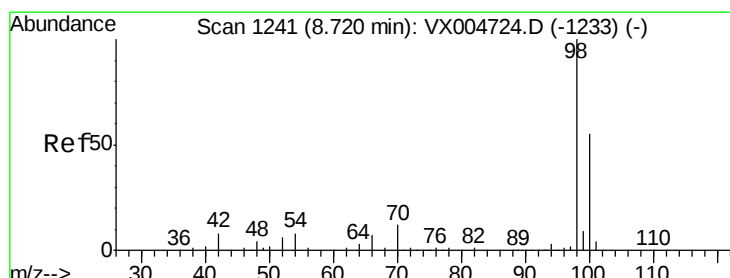
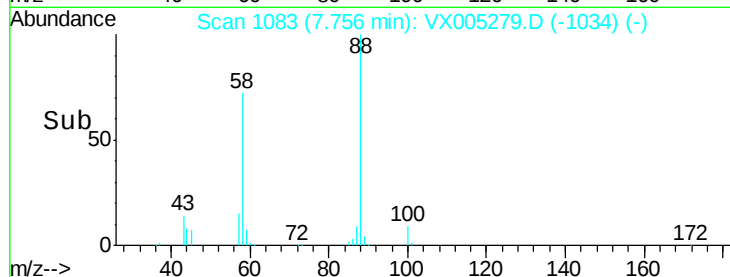
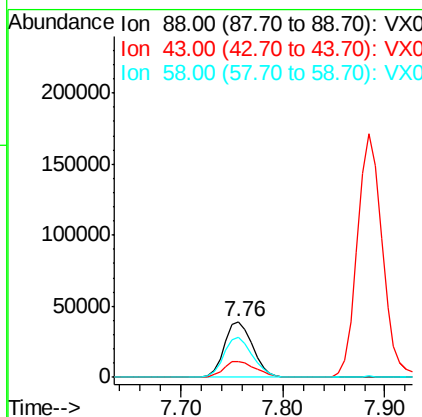
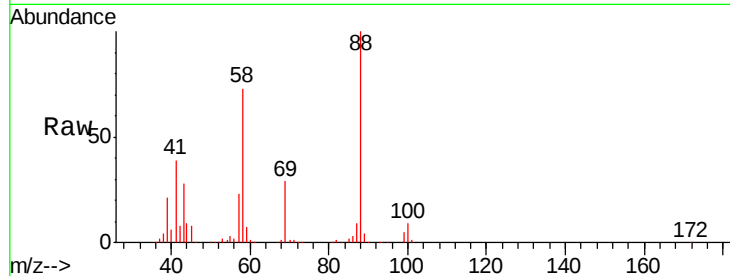
#49
1,4-Dioxane
Concen: 922.76 ug/l
RT: 7.76 min Scan# 1083
Delta R.T. 0.00 min
Lab File: VX005279.D
Acq: 12 Oct 2018 02:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
88	100		
43	32.4	25.1	37.7
58	73.7	56.2	84.2

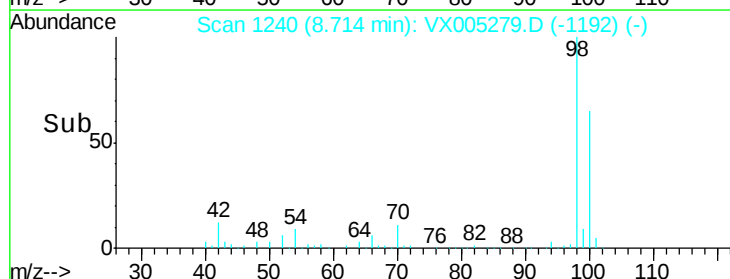
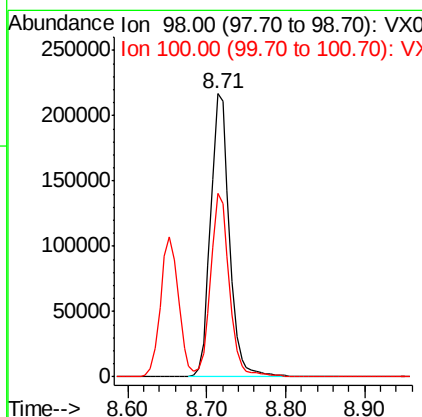
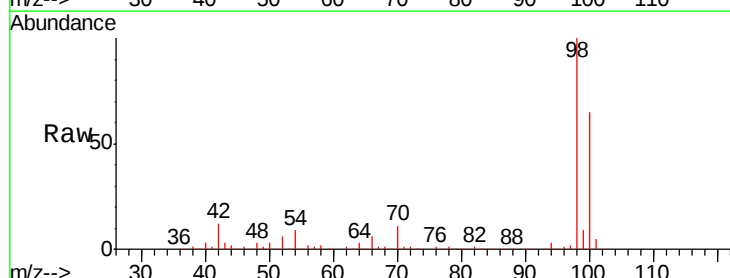
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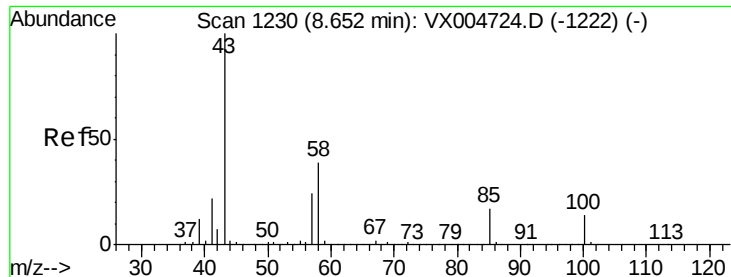
MMDadoda
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#50
Toluene-d8
Concen: 39.05 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.01 min
Lab File: VX005279.D
Acq: 12 Oct 2018 02:42

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.2	51.9	77.9





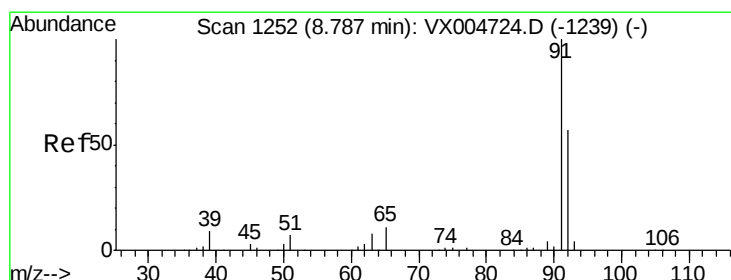
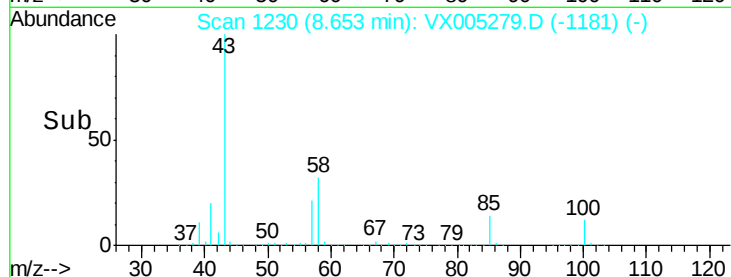
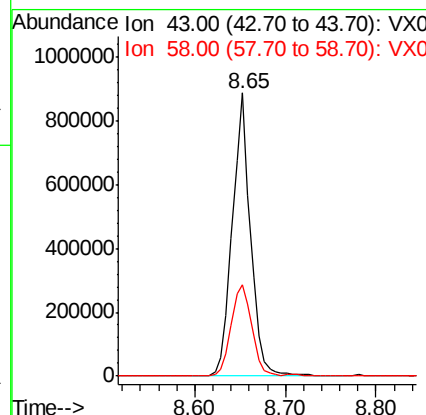
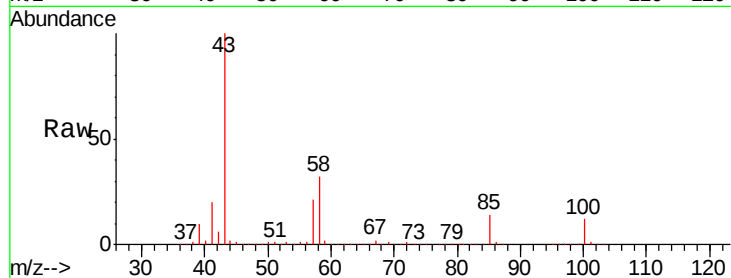
#51
4-Methyl-2-Pentanone
Concen: 270.01 ug/l
RT: 8.65 min Scan# 1230
Delta R.T. 0.00 min
Lab File: VX005279.D
Acq: 12 Oct 2018 02:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 1237646
Ion Ratio Lower Upper
43 100
58 37.1 30.5 45.7

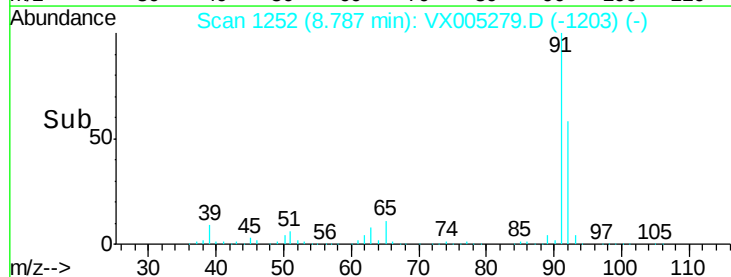
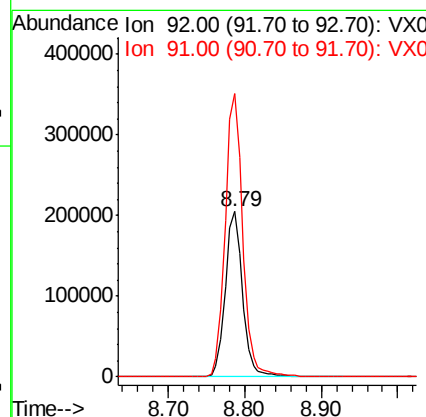
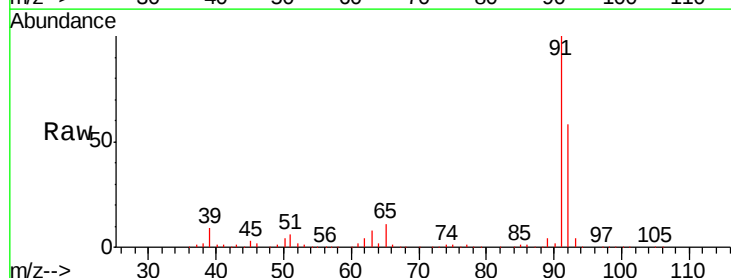
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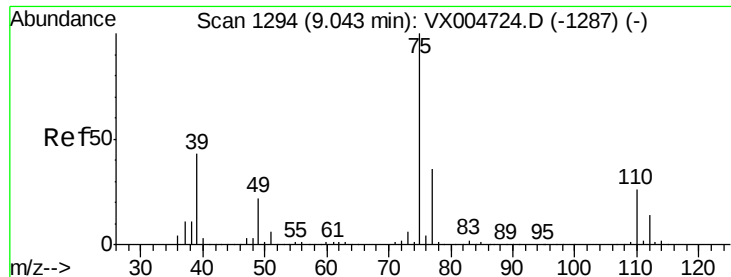
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#52
Toluene
Concen: 49.23 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. 0.00 min
Lab File: VX005279.D
Acq: 12 Oct 2018 02:42

Tgt Ion: 92 Resp: 321773
Ion Ratio Lower Upper
92 100
91 174.6 136.7 205.1





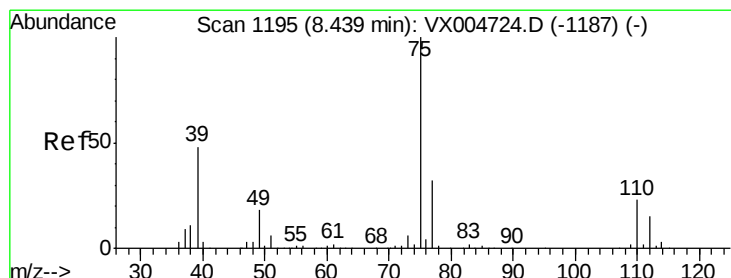
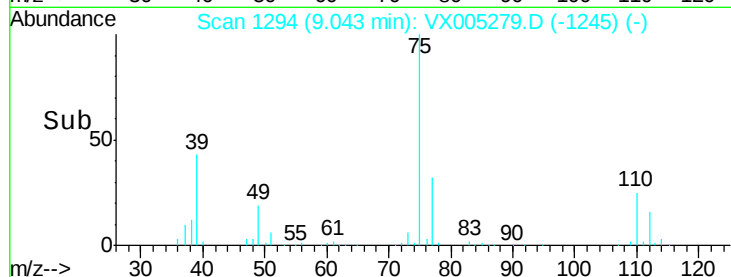
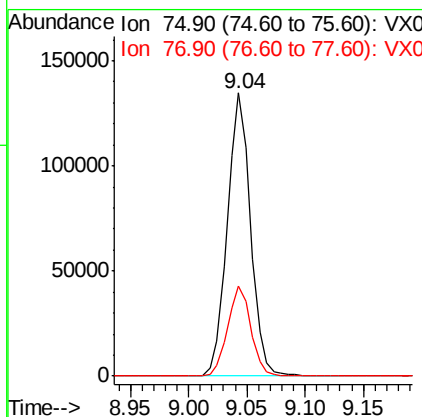
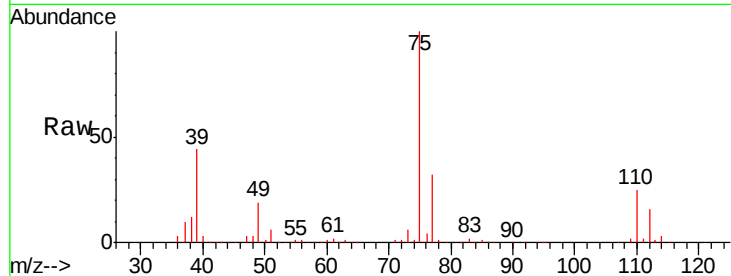
#53
t-1,3-Dichloropropene
Concen: 48.06 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. 0.00 min
Lab File: VX005279.D
Acq: 12 Oct 2018 02:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 186419
Ion Ratio Lower Upper
75 100
77 31.8 28.9 43.3

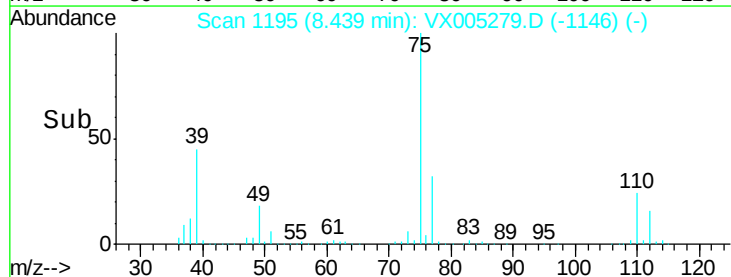
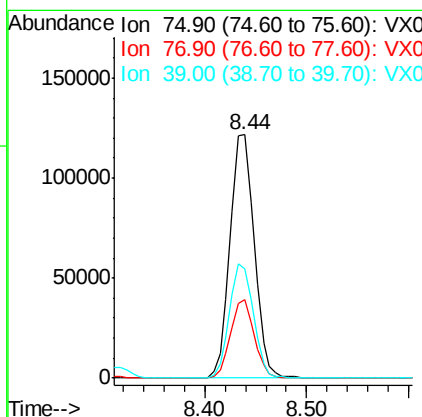
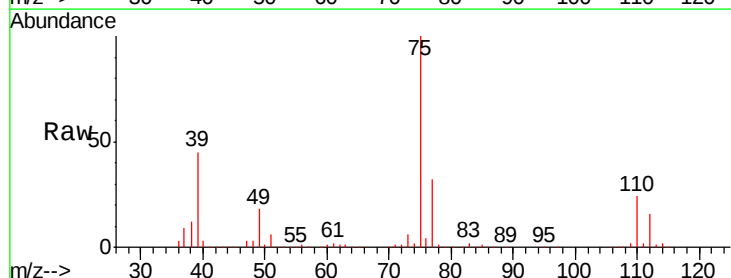
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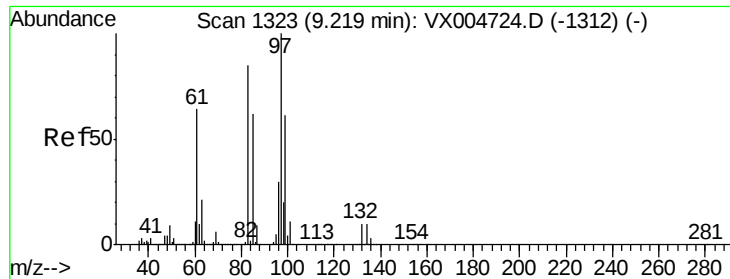
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 49.16 ug/l
RT: 8.44 min Scan# 1195
Delta R.T. 0.00 min
Lab File: VX005279.D
Acq: 12 Oct 2018 02:42

Tgt Ion: 75 Resp: 199740
Ion Ratio Lower Upper
75 100
77 32.1 25.7 38.5
39 44.9 38.3 57.5





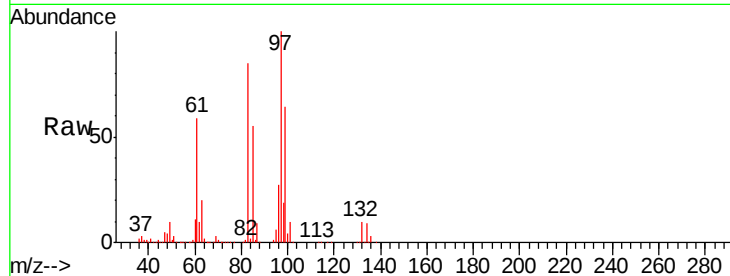
#55
 1,1,2-Trichloroethane
 Concen: 47.11 ug/l
 RT: 9.22 min Scan# 1323
 Delta R.T. 0.00 min
 Lab File: VX005279.D
 Acq: 12 Oct 2018 02:42

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

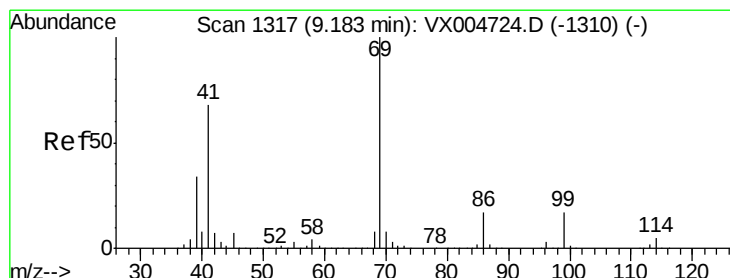
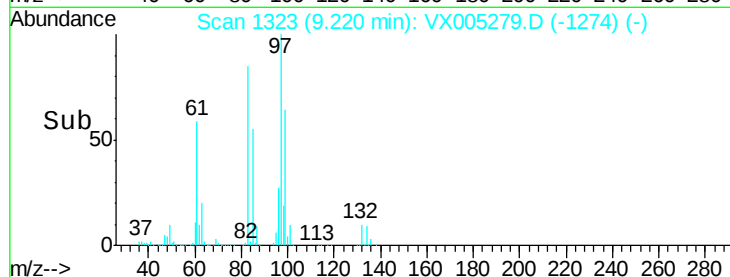
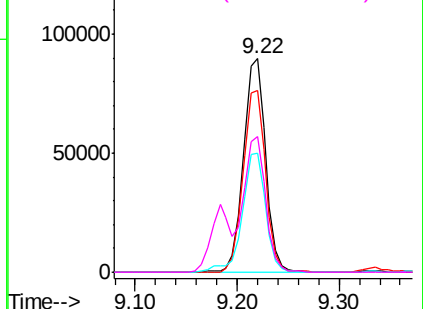
Tgt Ion	Ratio	Lower	Upper
97	100		
83	85.3	68.2	102.2
85	55.5	49.9	74.9
99	63.6	48.9	73.3

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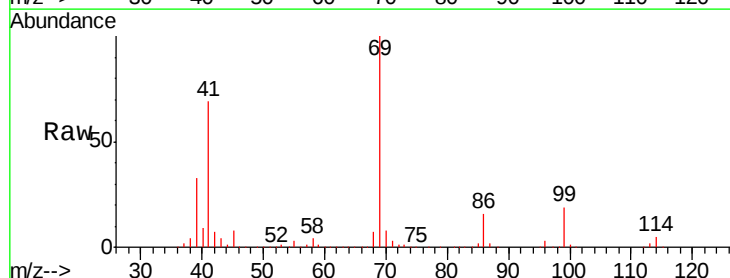


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

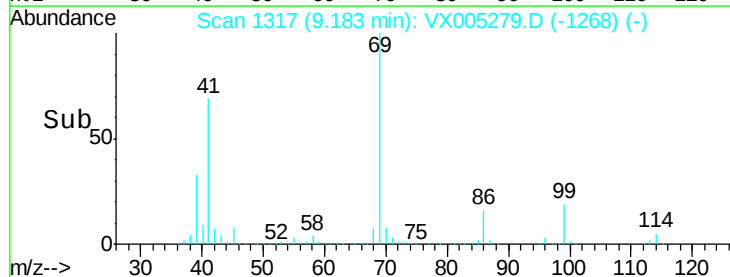
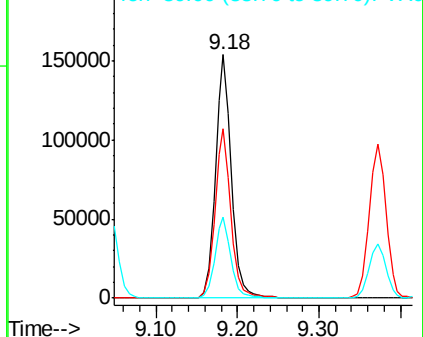


#56
 Ethyl methacrylate
 Concen: 45.89 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. 0.00 min
 Lab File: VX005279.D
 Acq: 12 Oct 2018 02:42

Tgt Ion	Ratio	Lower	Upper
69	100		
41	69.7	56.9	85.3
39	33.3	28.4	42.6



Abundance Ion 69.00 (68.70 to 69.70): VX0
 Ion 41.00 (40.70 to 41.70): VX0
 Ion 39.00 (38.70 to 39.70): VX0





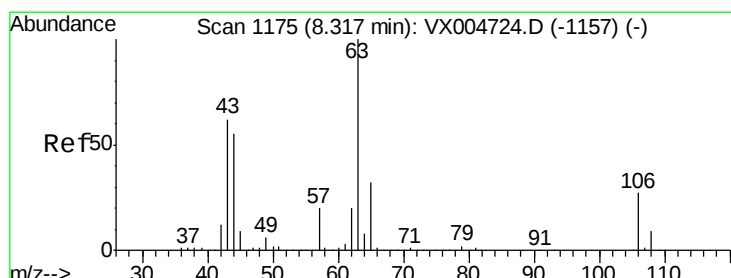
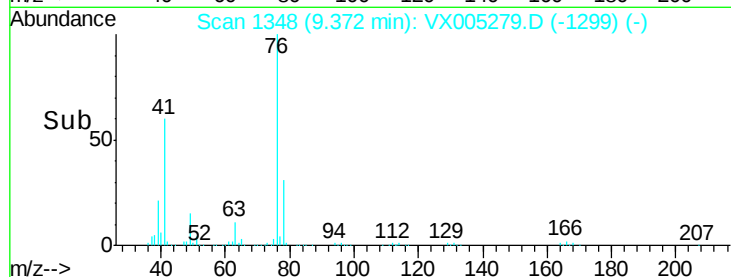
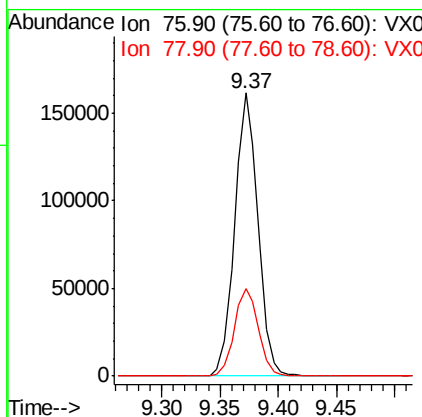
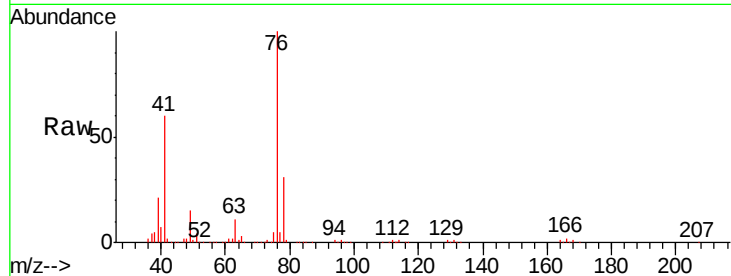
#57
 1,3-Dichloropropane
 Concen: 47.18 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. 0.00 min
 Lab File: VX005279.D
 Acq: 12 Oct 2018 02:42

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 76 Resp: 224810
 Ion Ratio Lower Upper
 76 100
 78 32.1 26.6 40.0

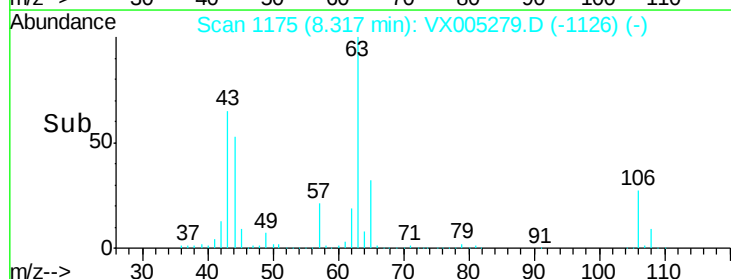
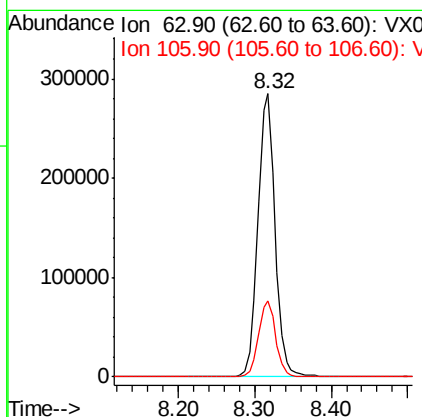
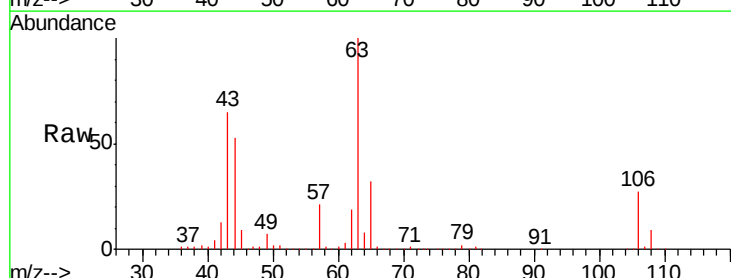
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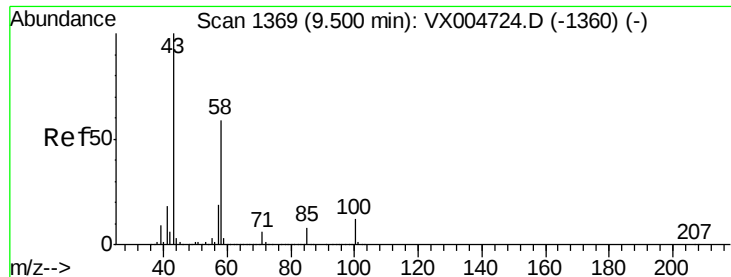
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#58
 2-Chloroethyl Vinyl ether
 Concen: 186.30 ug/l
 RT: 8.32 min Scan# 1175
 Delta R.T. 0.00 min
 Lab File: VX005279.D
 Acq: 12 Oct 2018 02:42

Tgt Ion: 63 Resp: 450112
 Ion Ratio Lower Upper
 63 100
 106 27.0 21.0 31.6





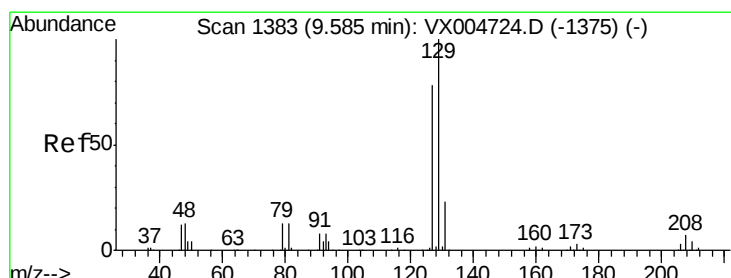
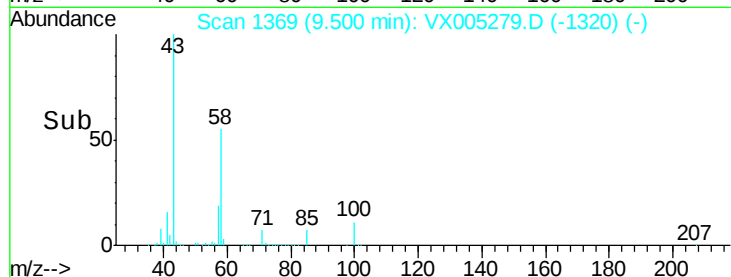
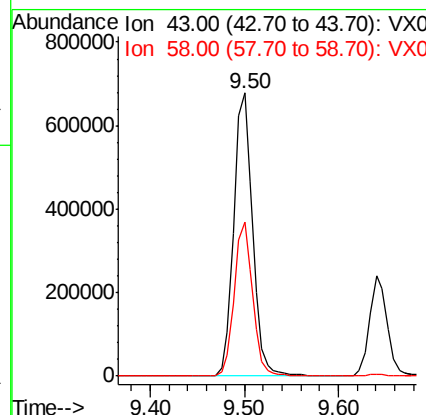
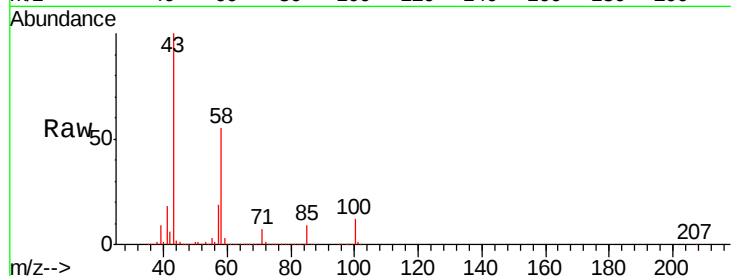
#59
2-Hexanone
Concen: 246.98 ug/l
RT: 9.50 min Scan# 1369
Delta R.T. 0.00 min
Lab File: VX005279.D
Acq: 12 Oct 2018 02:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 943404
Ion Ratio Lower Upper
43 100
58 53.4 28.4 85.3

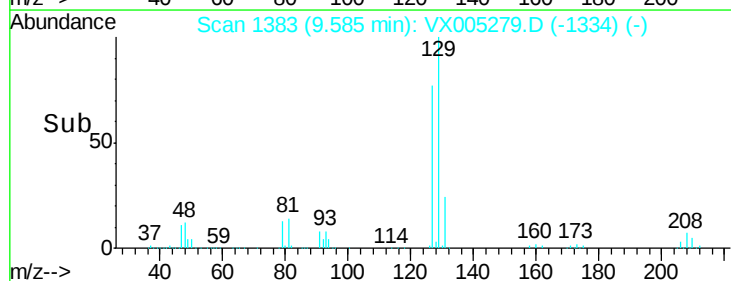
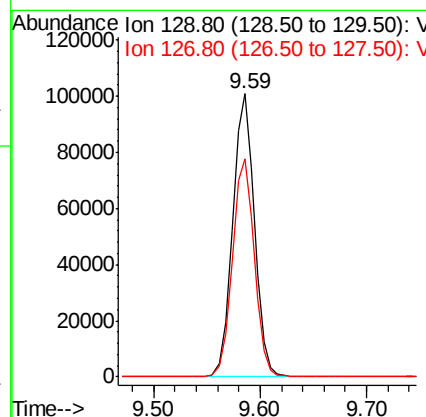
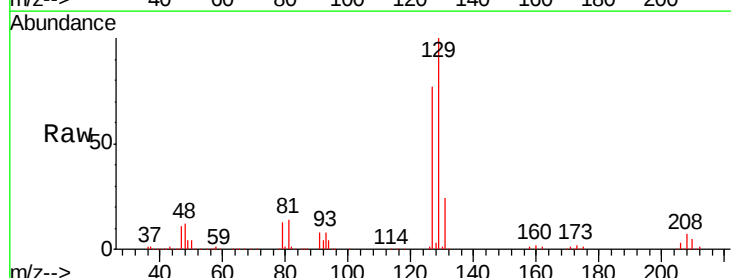
Manual Integrations
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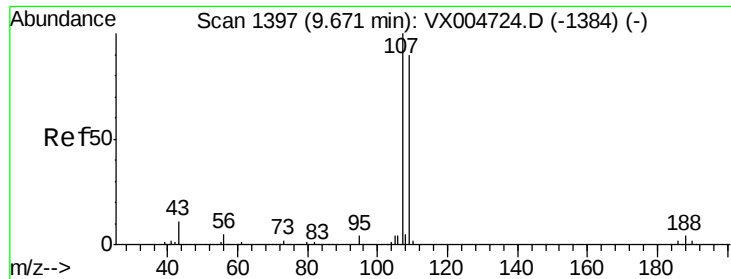
MMDadoda
10/12/2018 2:34:13 PM



#60
Dibromochloromethane
Concen: 50.43 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VX005279.D
Acq: 12 Oct 2018 02:42

Tgt Ion: 129 Resp: 144409
Ion Ratio Lower Upper
129 100
127 77.7 39.1 117.2





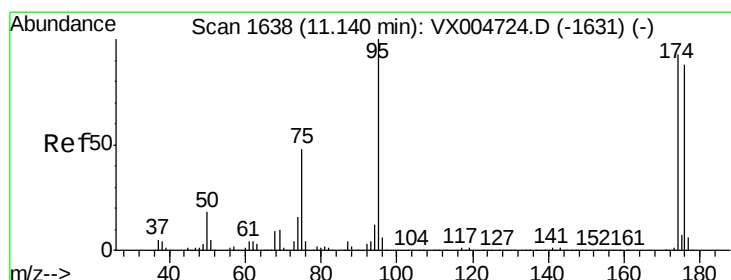
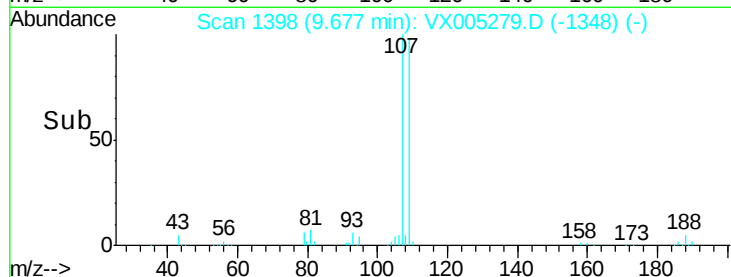
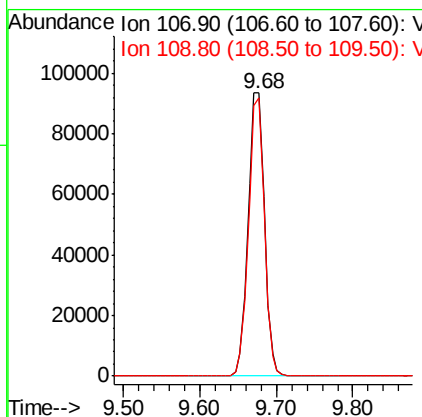
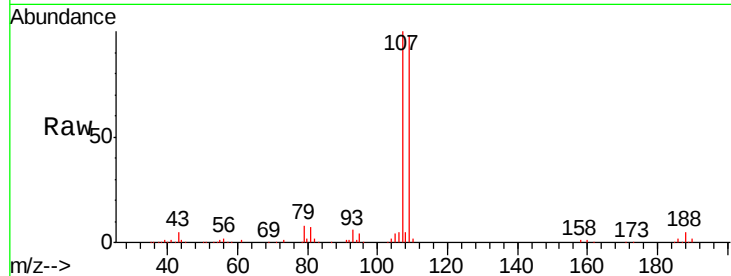
#61
 1,2-Dibromoethane
 Concen: 45.35 ug/l
 RT: 9.68 min Scan# 1398
 Delta R.T. 0.01 min
 Lab File: VX005279.D
 Acq: 12 Oct 2018 02:42

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
107	100		
109	96.0	72.1	108.1

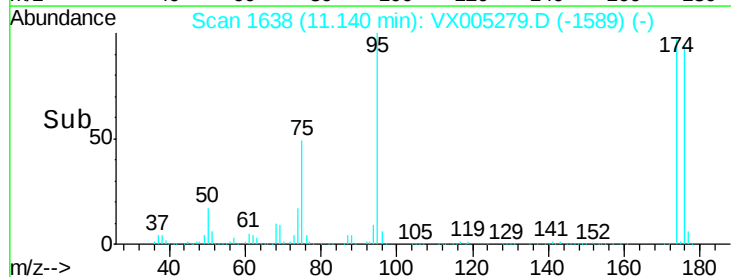
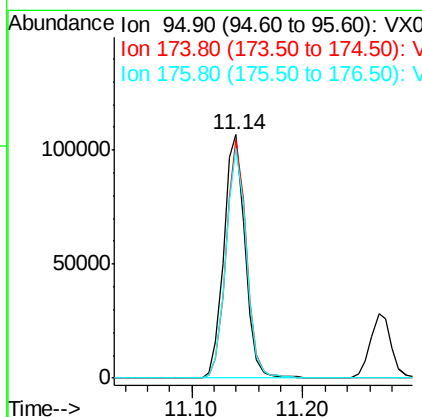
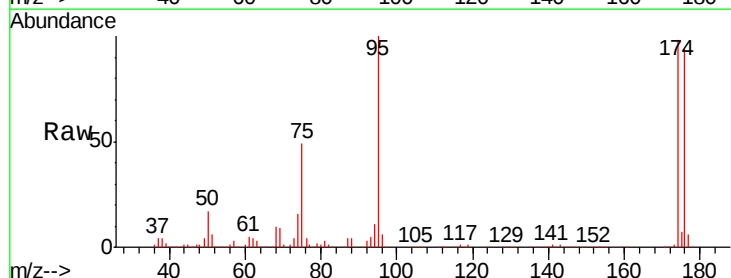
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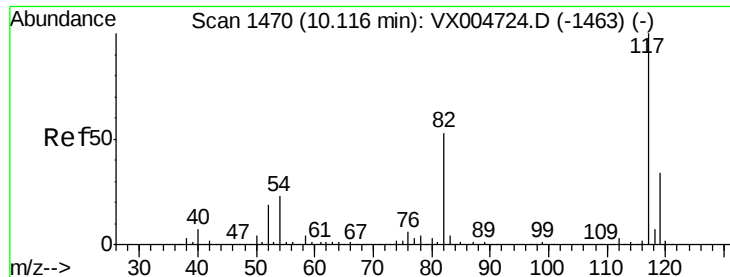
MMDadoda
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#62
 4-Bromofluorobenzene
 Concen: 42.10 ug/l
 RT: 11.14 min Scan# 1638
 Delta R.T. 0.00 min
 Lab File: VX005279.D
 Acq: 12 Oct 2018 02:42

Tgt Ion	Ratio	Lower	Upper
95	100		
174	93.7	0.0	185.0
176	91.6	0.0	180.2





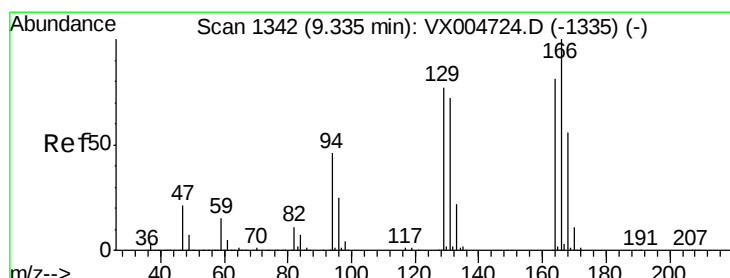
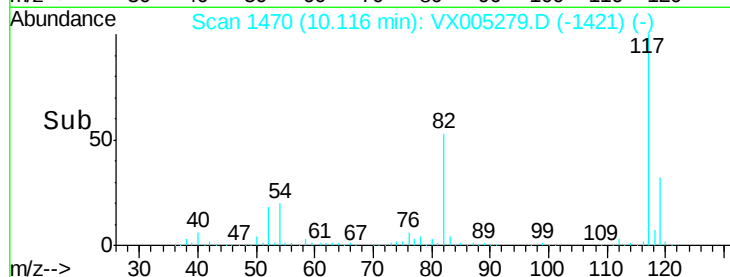
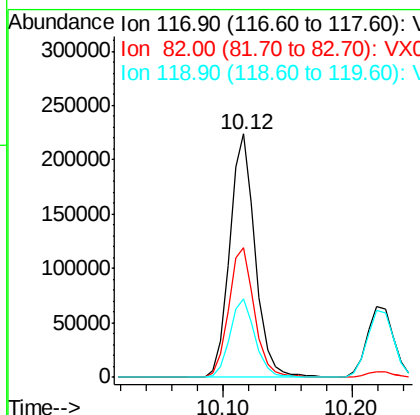
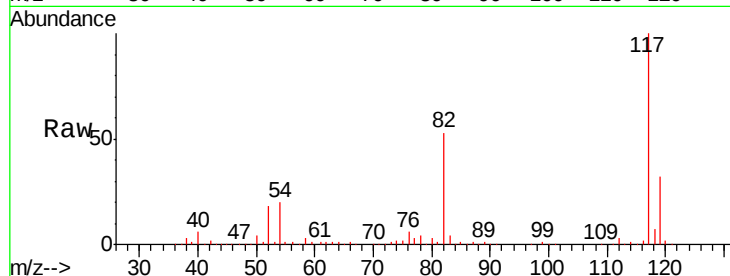
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX005279.D
Acq: 12 Oct 2018 02:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	308990		
82	53.3	42.2	63.4	
119	32.3	27.4	41.0	

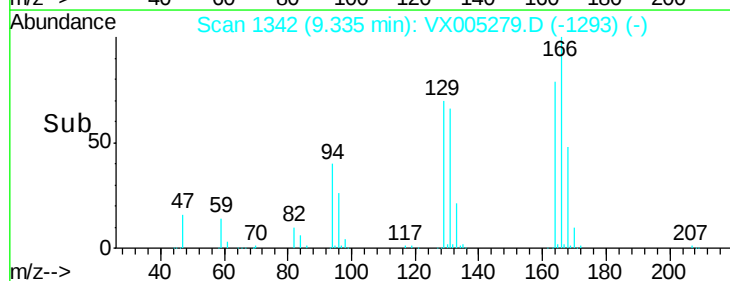
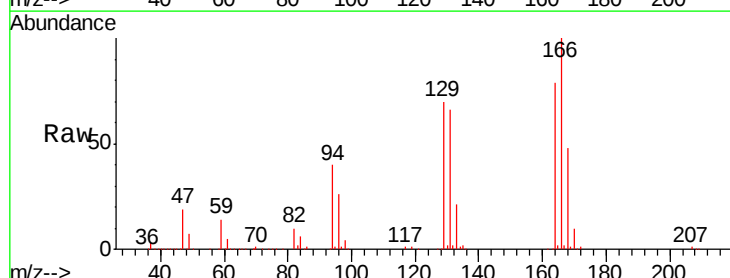
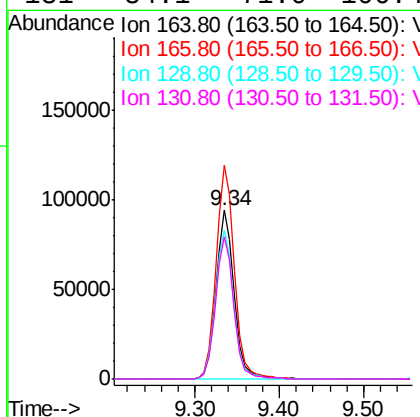
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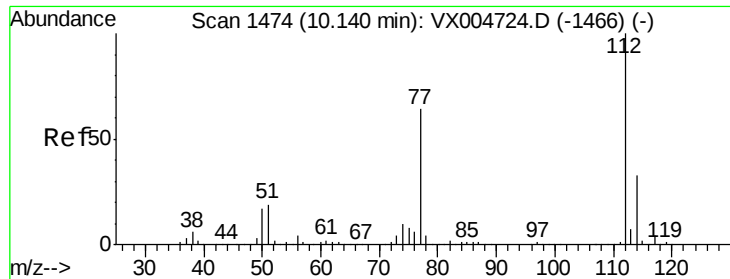
MMDadoda
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#64
Tetrachloroethene
Concen: 45.76 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX005279.D
Acq: 12 Oct 2018 02:42

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	139172		
166	126.8	98.4	147.6	
129	88.4	76.1	114.1	
131	84.1	71.0	106.4	





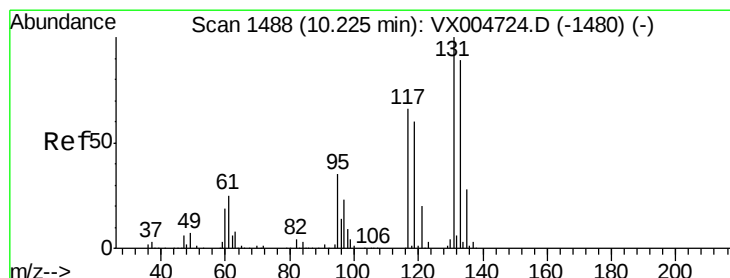
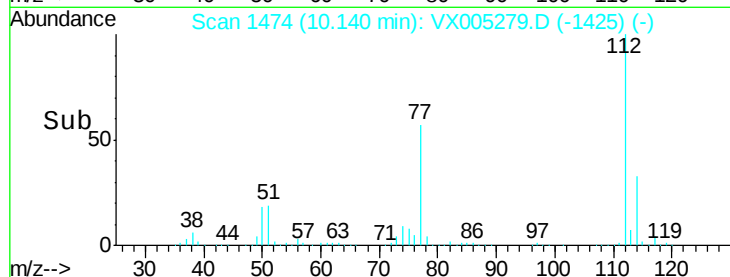
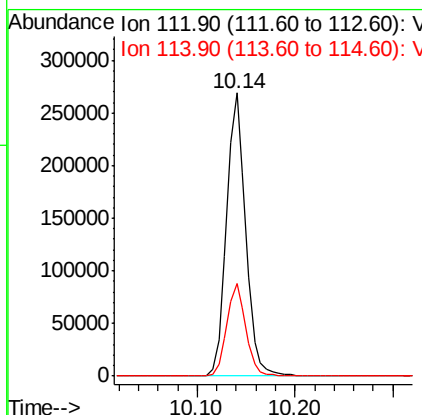
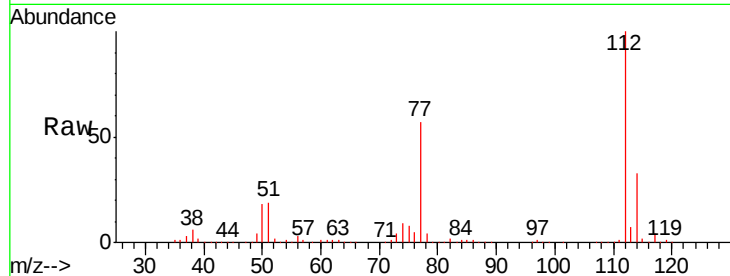
#65
Chlorobenzene
Concen: 46.27 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VX005279.D
Acq: 12 Oct 2018 02:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 366577
Ion Ratio Lower Upper
112 100
114 32.7 26.7 40.1

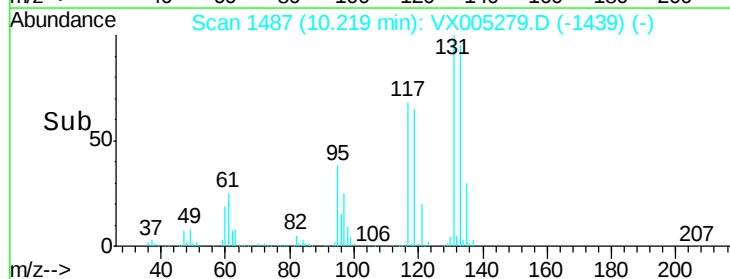
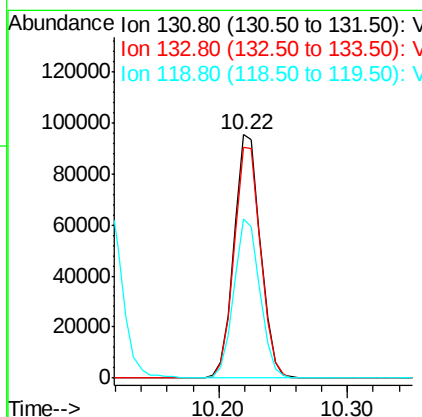
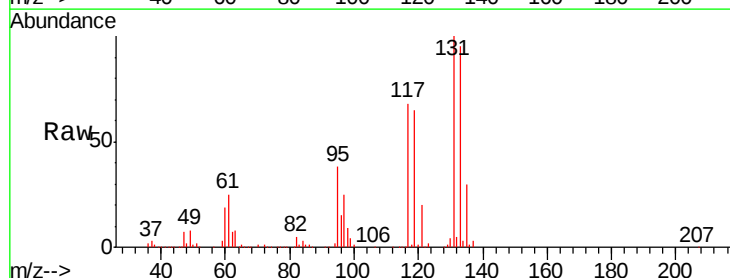
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#66
1,1,1,2-Tetrachloroethane
Concen: 48.92 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.01 min
Lab File: VX005279.D
Acq: 12 Oct 2018 02:42

Tgt Ion:131 Resp: 136269
Ion Ratio Lower Upper
131 100
133 95.5 48.4 145.0
119 64.3 32.3 96.8





#67

Ethyl Benzene

Concen: 49.32 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.01 min

Lab File: VX005279.D

Acq: 12 Oct 2018 02:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 620441

Ion Ratio Lower Upper

91 100

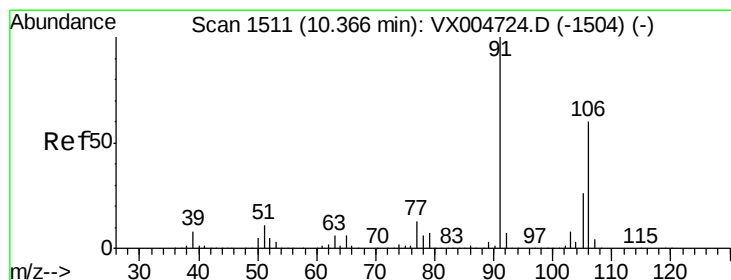
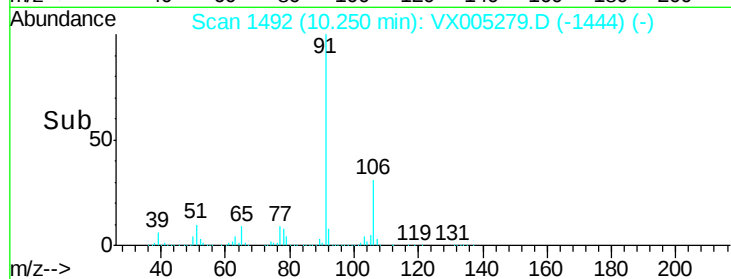
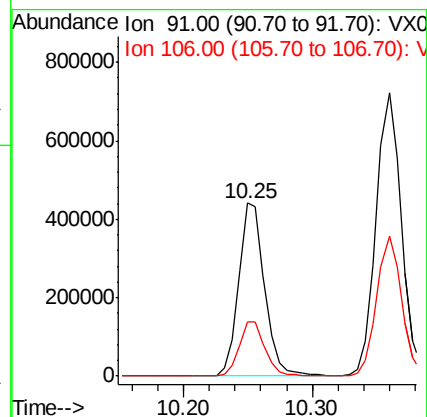
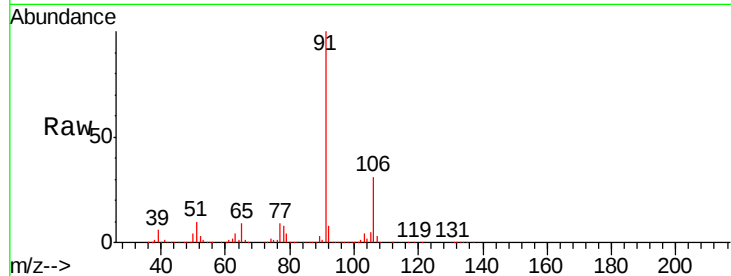
106 31.0 26.9 40.3

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#68

m/p-Xylenes

Concen: 98.65 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.01 min

Lab File: VX005279.D

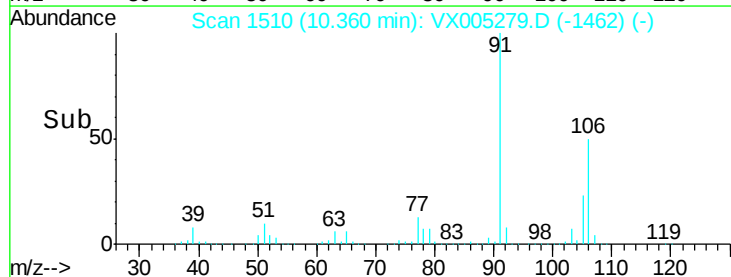
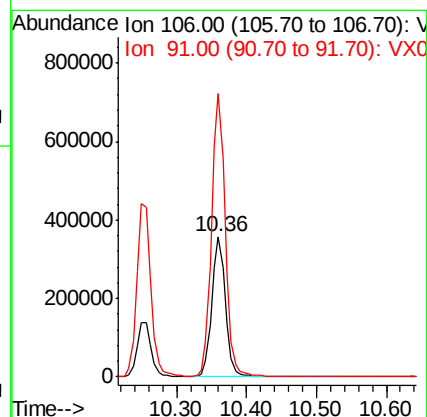
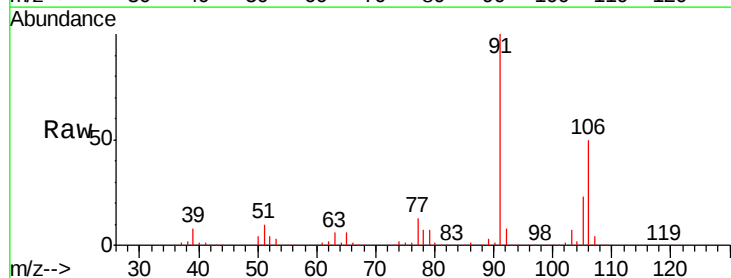
Acq: 12 Oct 2018 02:42

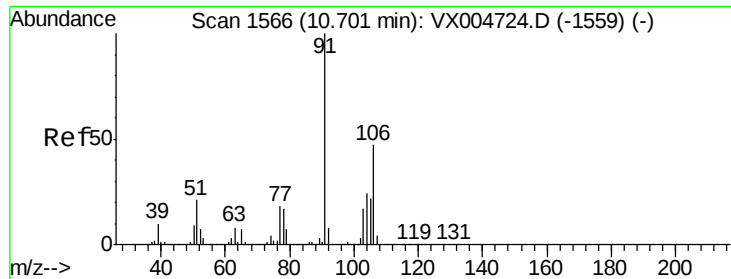
Tgt Ion: 106 Resp: 484913

Ion Ratio Lower Upper

106 100

91 203.4 157.5 236.3





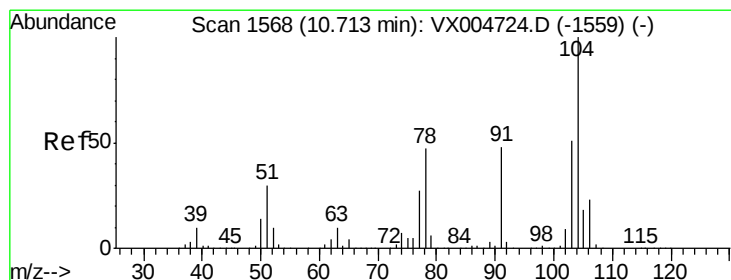
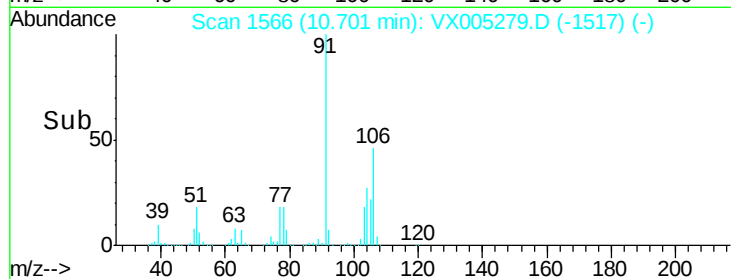
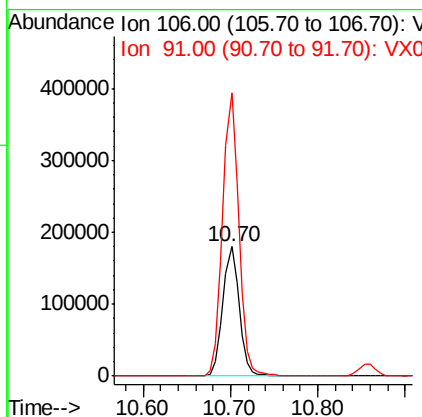
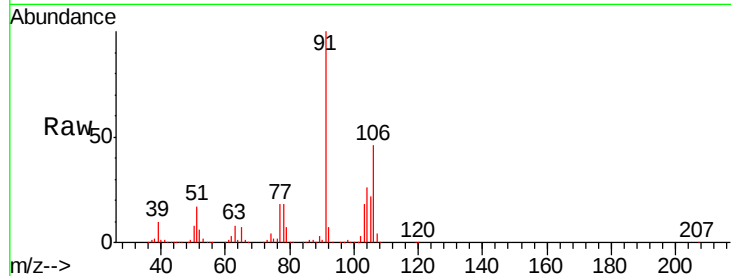
#69
o-Xylene
Concen: 51.60 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX005279.D
Acq: 12 Oct 2018 02:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 232977
Ion Ratio Lower Upper
106 100
91 216.5 108.3 324.8

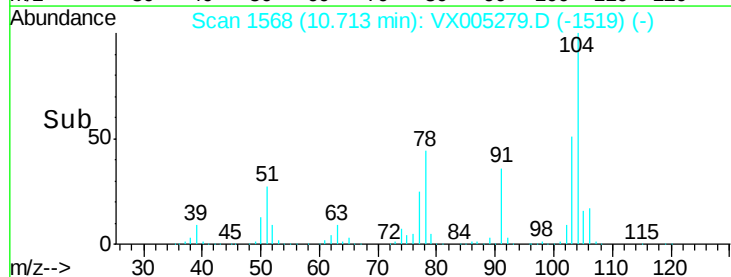
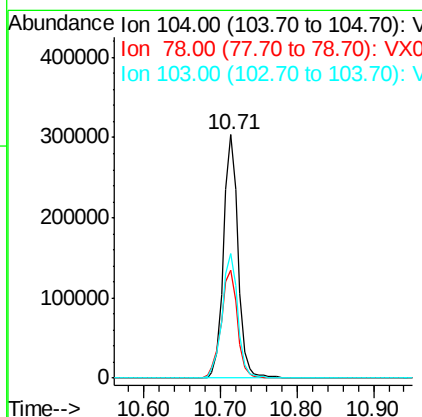
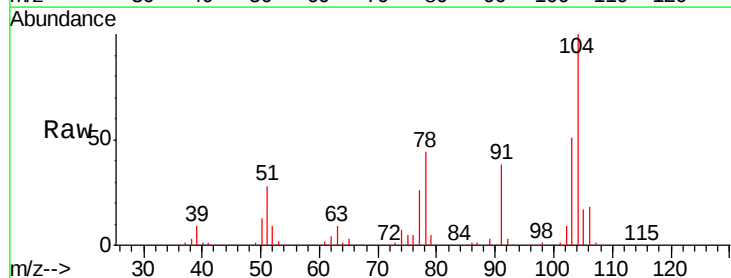
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#70
Styrene
Concen: 47.33 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX005279.D
Acq: 12 Oct 2018 02:42

Tgt Ion:104 Resp: 398672
Ion Ratio Lower Upper
104 100
78 49.7 40.0 60.0
103 55.7 44.3 66.5





#71

Bromoform

Concen: 51.96 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX005279.D

Acq: 12 Oct 2018 02:42

Instrument :

MSVOA_X

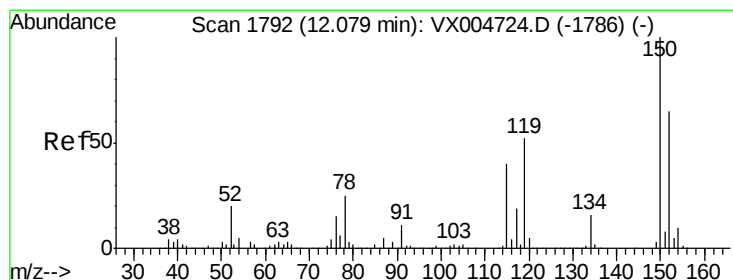
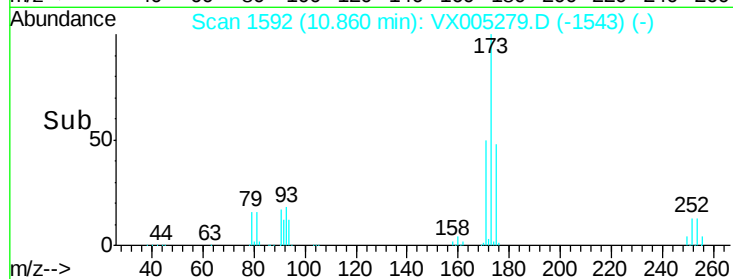
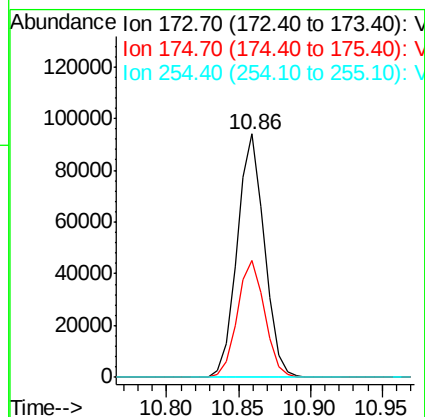
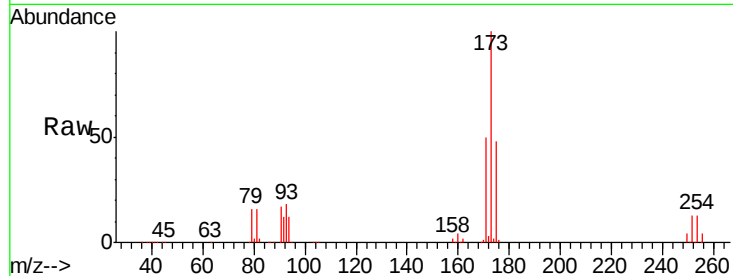
ClientSampleId :

VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
173	100	123915		
175	48.5	23.3	69.8	
254	0.1	0.2	0.2	

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#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

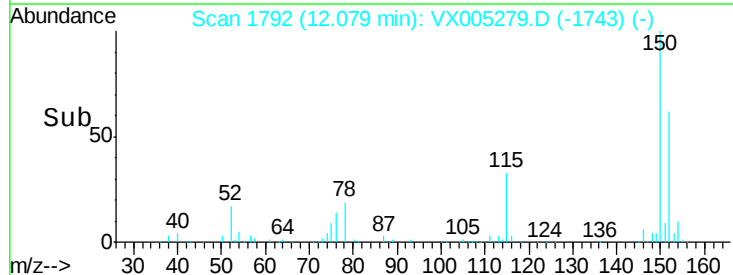
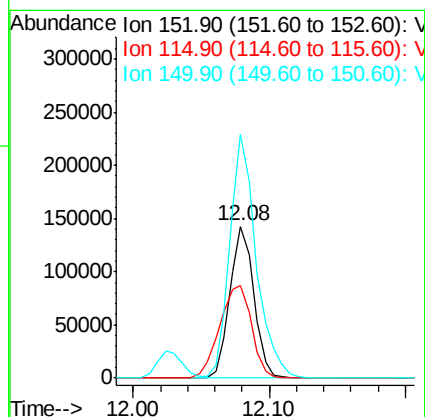
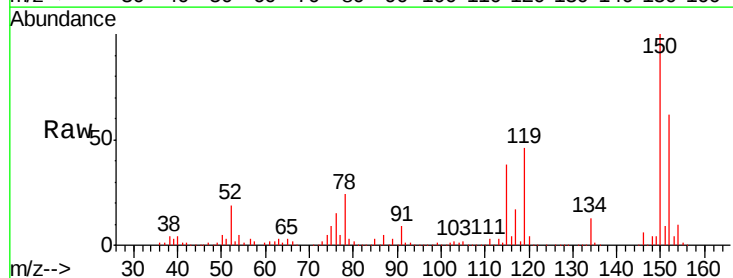
RT: 12.08 min Scan# 1792

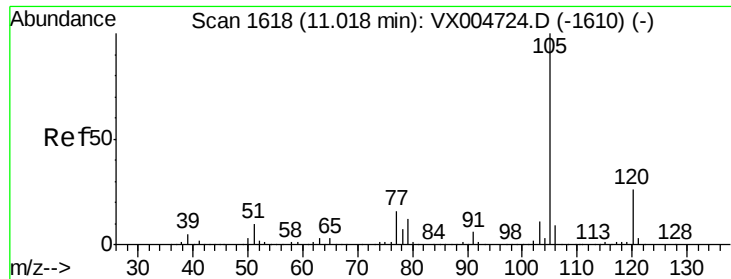
Delta R.T. 0.00 min

Lab File: VX005279.D

Acq: 12 Oct 2018 02:42

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	174389		
115	81.1	40.2	120.6	
150	177.4	0.0	351.0	





#73

Isopropylbenzene

Concen: 57.75 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX005279.D

Acq: 12 Oct 2018 02:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 105 Resp: 634826

Ion Ratio Lower Upper

105 100

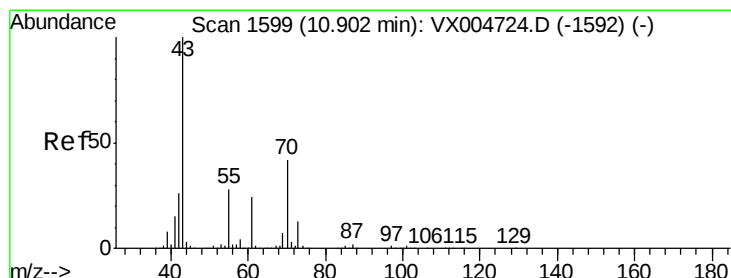
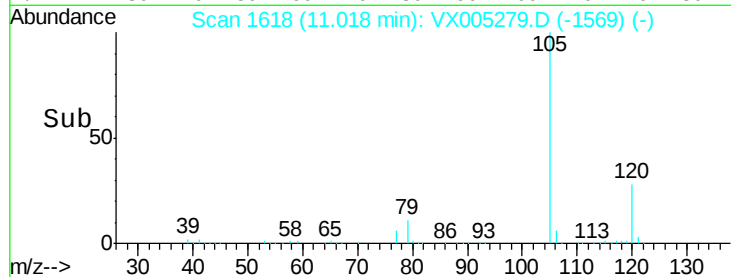
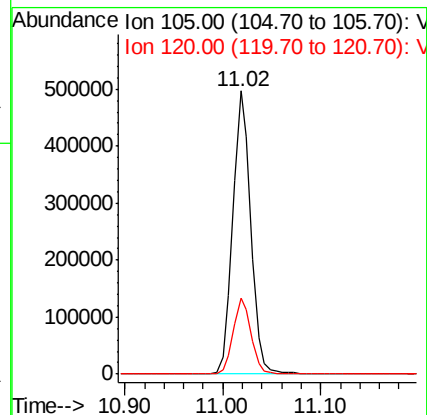
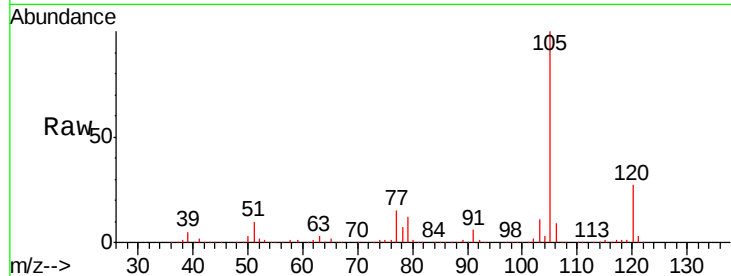
120 26.7 13.2 39.5

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#74

N-ethyl acetate

Concen: 51.13 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.01 min

Lab File: VX005279.D

Acq: 12 Oct 2018 02:42

Tgt Ion: 43 Resp: 309138

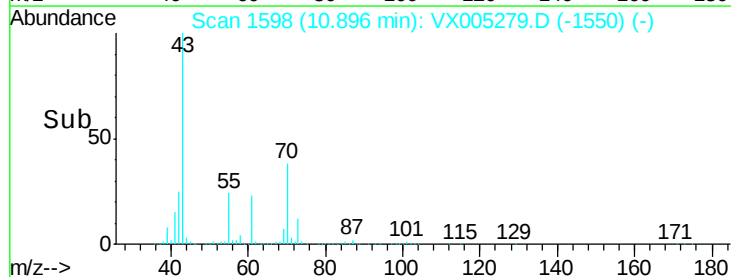
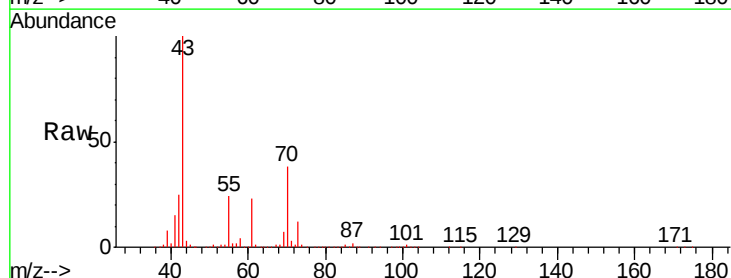
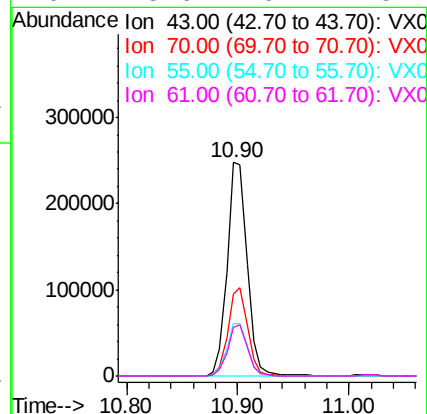
Ion Ratio Lower Upper

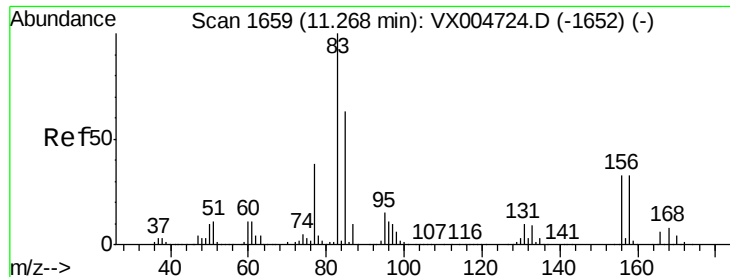
43 100

70 40.5 32.6 48.8

55 25.3 21.6 32.4

61 23.6 19.1 28.7





#75

1,1,2,2-Tetrachloroethane

Concen: 51.06 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX005279.D

Acq: 12 Oct 2018 02:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 228479
Ion Ratio Lower Upper

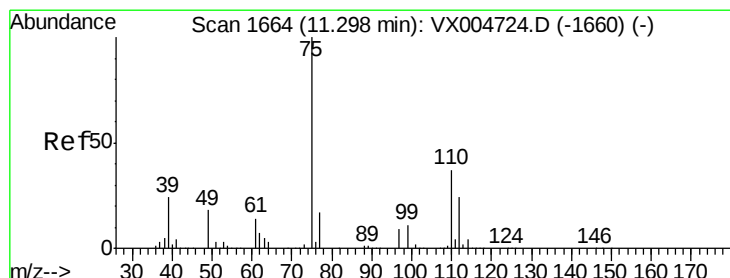
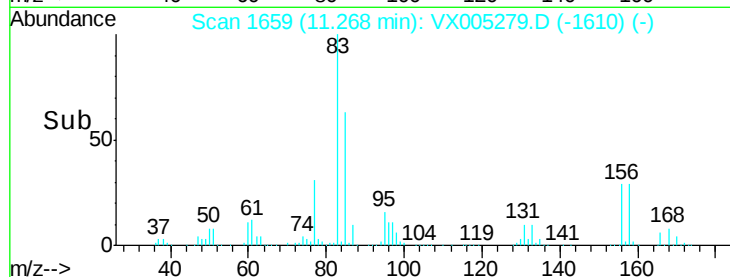
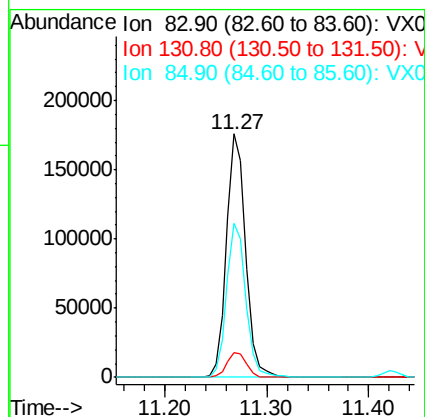
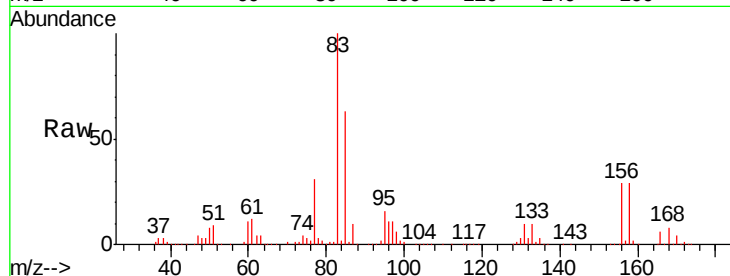
83 100

131 10.5 5.1 15.3

85 63.7 31.9 95.9

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#76

1,2,3-Trichloropropane

Concen: 53.24 ug/l m

RT: 11.30 min Scan# 1664

Delta R.T. 0.00 min

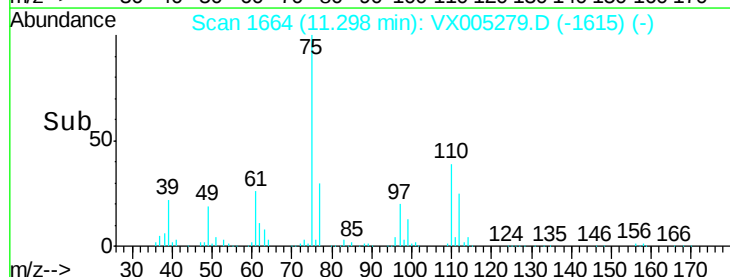
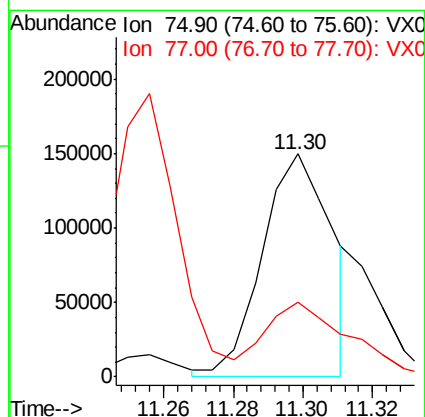
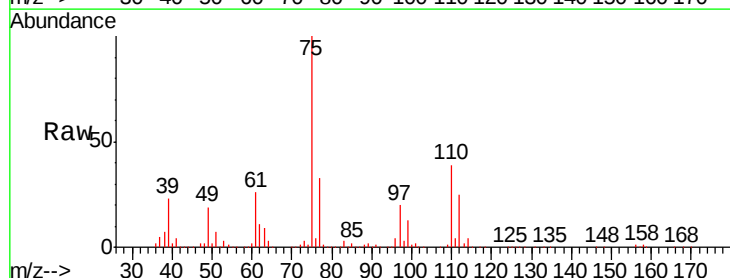
Lab File: VX005279.D

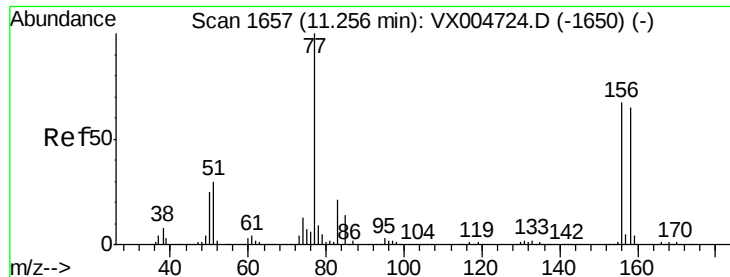
Acq: 12 Oct 2018 02:42

Tgt Ion: 75 Resp: 208094
Ion Ratio Lower Upper

75 100

77 40.0 21.4 64.3





#77

Bromobenzene

Concen: 54.76 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX005279.D

Acq: 12 Oct 2018 02:42

Instrument :

MSVOA_X

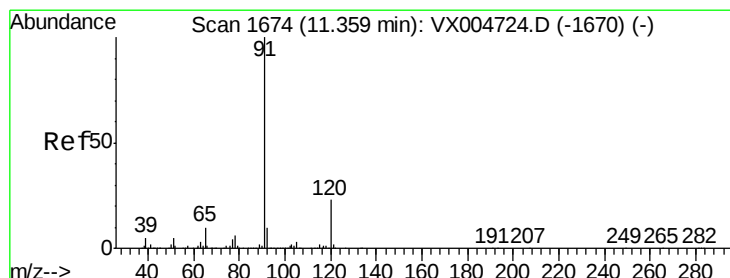
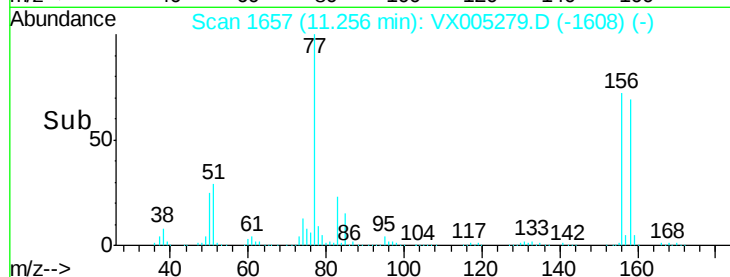
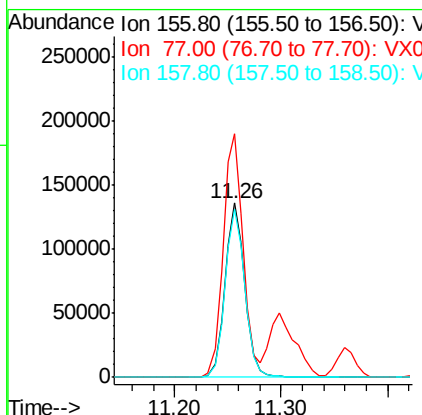
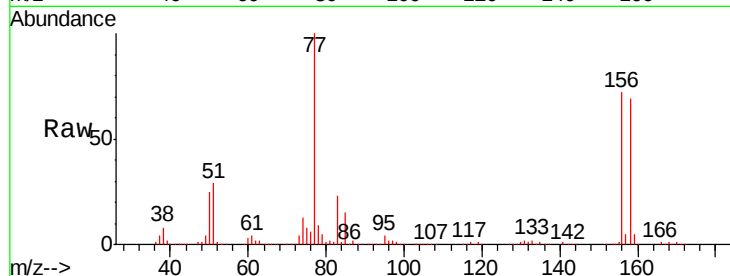
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	156	Resp:	174817
Ion Ratio	Lower	Upper	
156	100		
77	142.0	73.4	220.2
158	97.6	49.1	147.4

Manual Integrations
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#78

n-propylbenzene

Concen: 57.48 ug/l

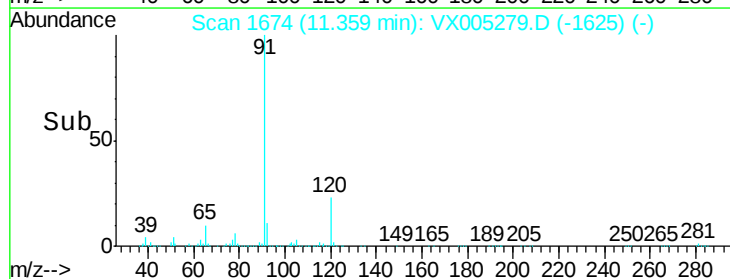
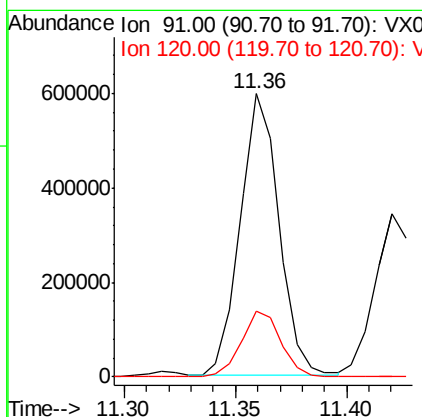
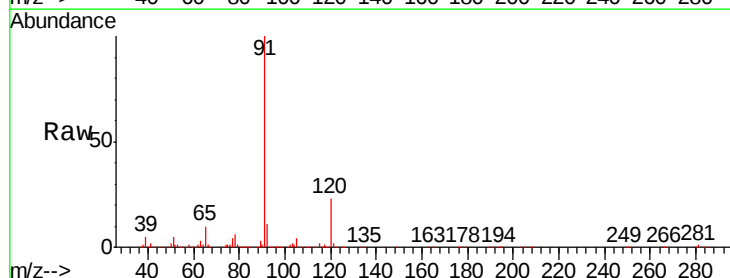
RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX005279.D

Acq: 12 Oct 2018 02:42

Tgt Ion:	91	Resp:	724978
Ion Ratio	Lower	Upper	
91	100		
120	23.9	12.0	36.0





#79

2-Chlorotoluene

Concen: 55.42 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX005279.D

Acq: 12 Oct 2018 02:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 435678

Ion Ratio Lower Upper

91 100

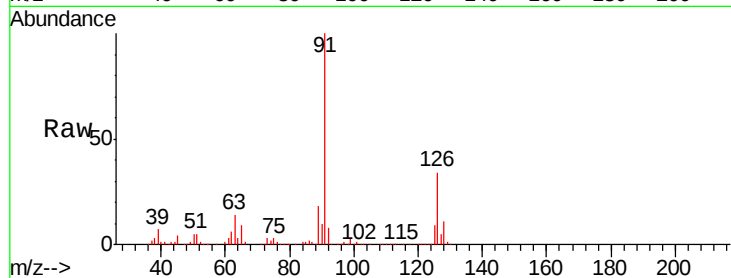
126 35.3 17.6 52.9

Manual Integrations

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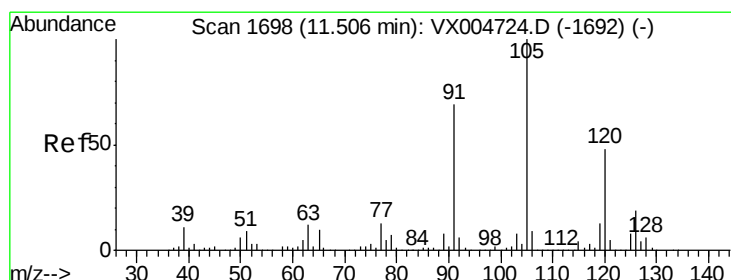
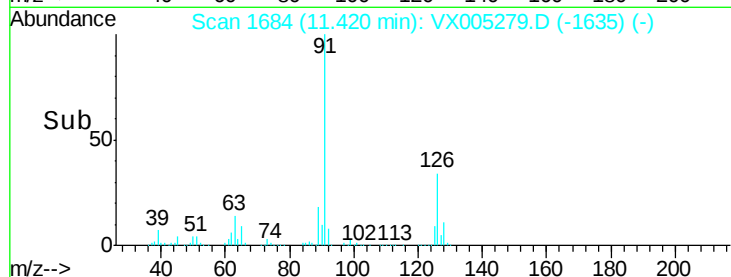
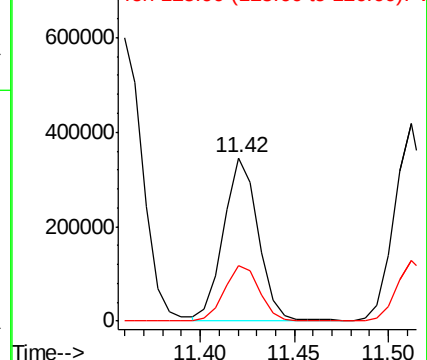
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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 54.43 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX005279.D

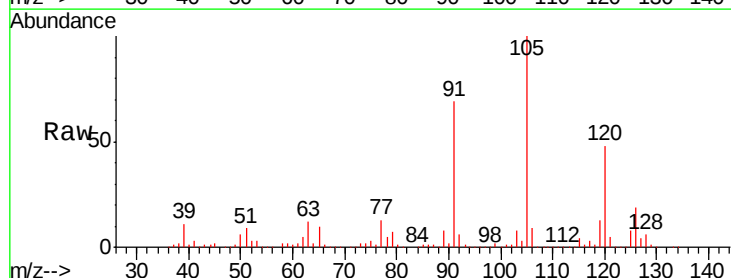
Acq: 12 Oct 2018 02:42

Tgt Ion: 105 Resp: 548171

Ion Ratio Lower Upper

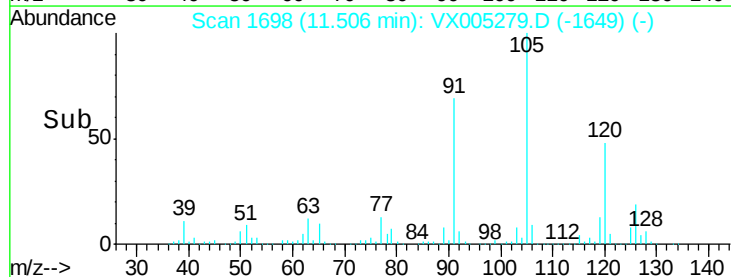
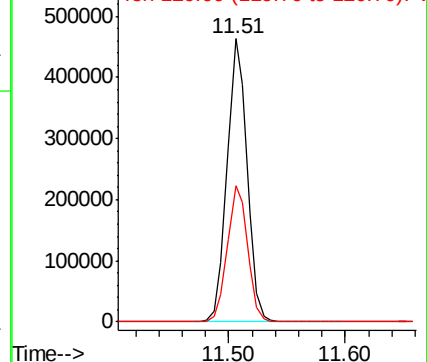
105 100

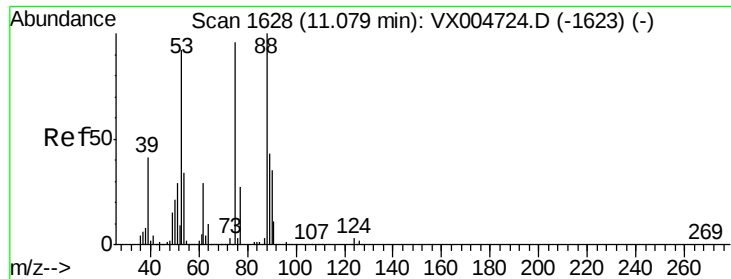
120 48.9 24.3 72.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 41.67 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.01 min

Lab File: VX005279.D

Acq: 12 Oct 2018 02:42

Instrument :

MSVOA_X

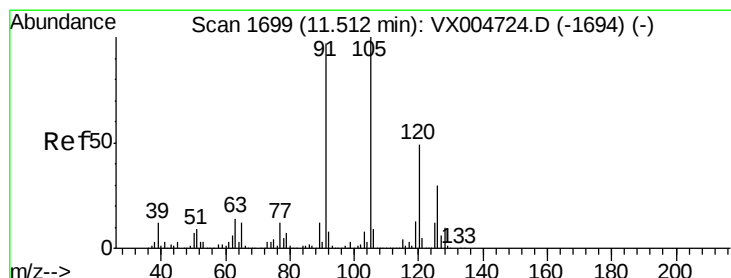
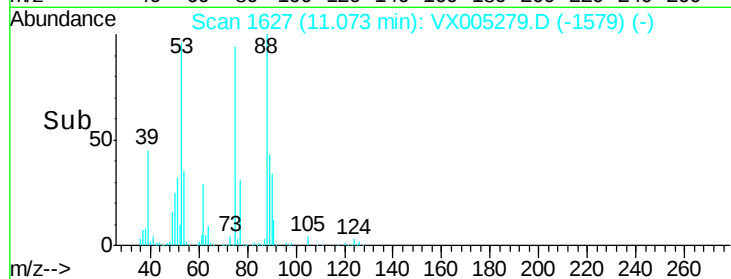
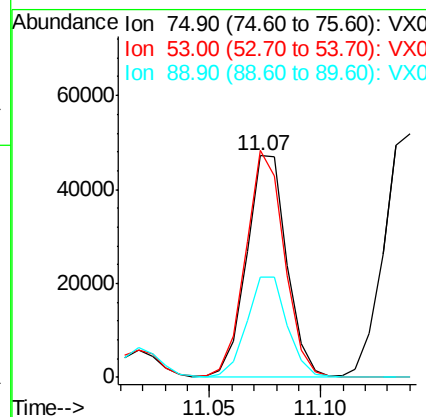
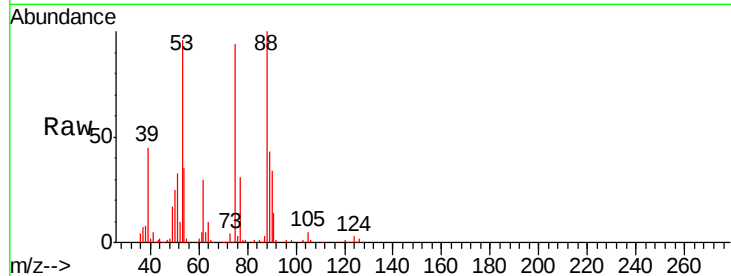
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	75	Resp:	59230
Ion Ratio	Lower	Upper	
75	100		
53	98.5	80.2	120.4
89	46.2	37.1	55.7

Manual Integrations
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#82

4-Chlorotoluene

Concen: 55.67 ug/l

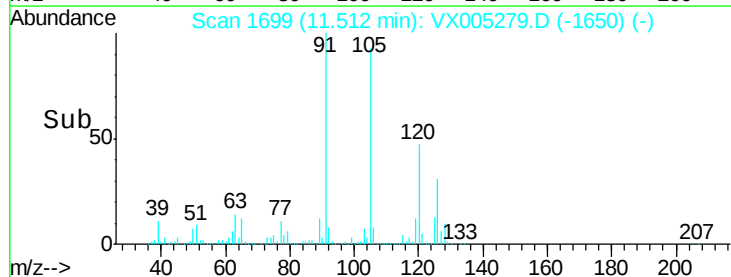
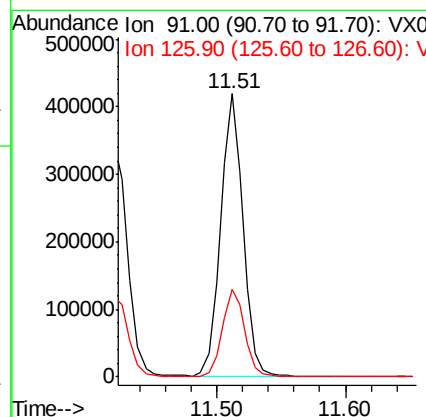
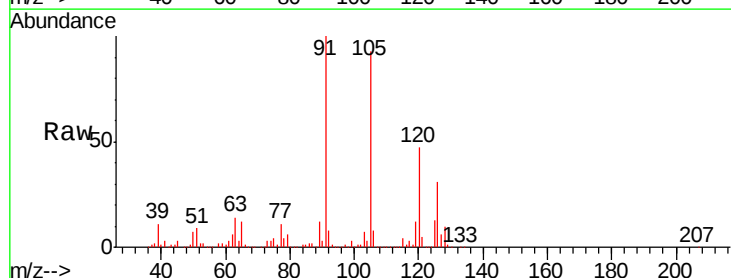
RT: 11.51 min Scan# 1699

Delta R.T. 0.00 min

Lab File: VX005279.D

Acq: 12 Oct 2018 02:42

Tgt Ion:	91	Resp:	515164
Ion Ratio	Lower	Upper	
91	100		
126	30.8	15.5	46.5





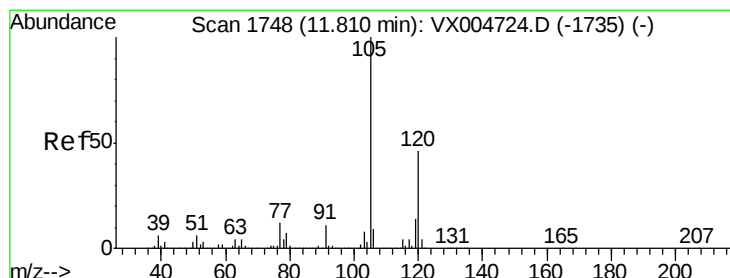
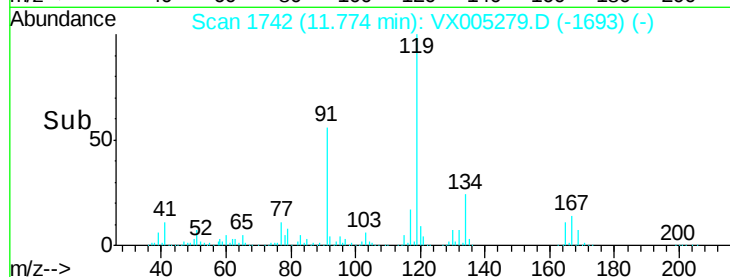
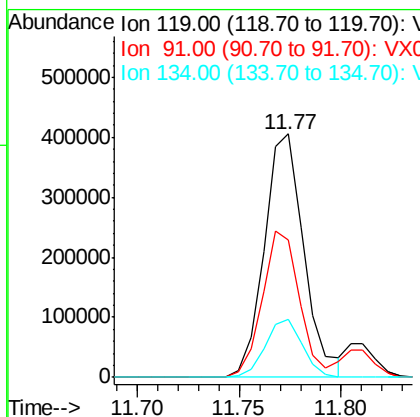
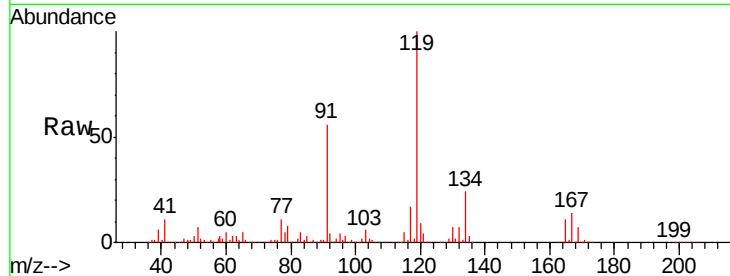
#83
 tert-Butylbenzene
 Concen: 60.63 ug/l
 RT: 11.77 min Scan# 1742
 Delta R.T. 0.00 min
 Lab File: VX005279.D
 Acq: 12 Oct 2018 02:42

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	548685		
91	56.2	27.5	82.5	
134	22.6	11.5	34.4	

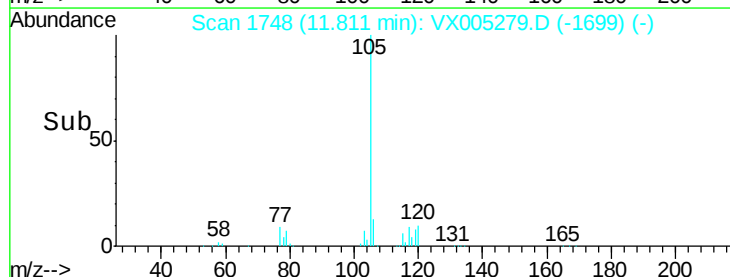
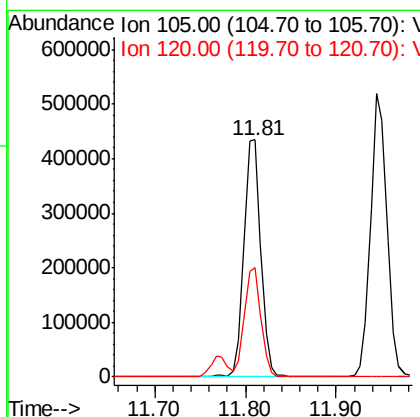
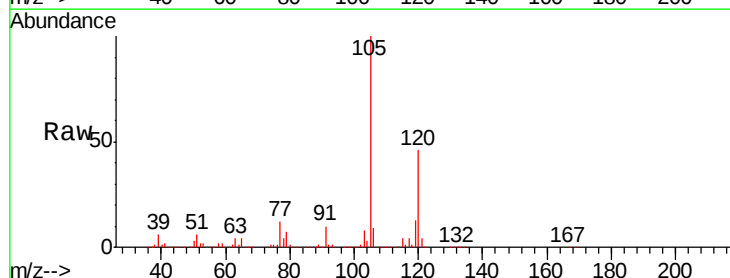
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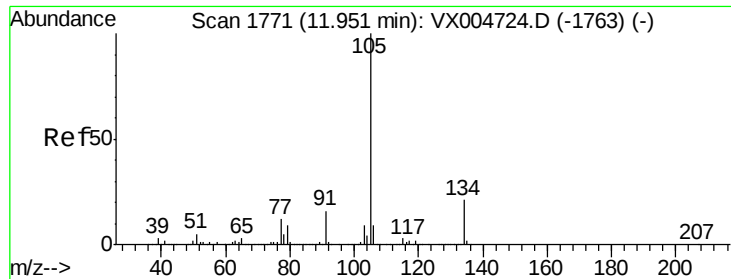
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#84
 1,2,4-Trimethylbenzene
 Concen: 54.09 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. 0.00 min
 Lab File: VX005279.D
 Acq: 12 Oct 2018 02:42

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	561773		
120	44.9	22.8	68.3	





#85

sec-Butylbenzene

Concen: 59.15 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.01 min

Lab File: VX005279.D

Acq: 12 Oct 2018 02:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:105 Resp: 651980

Ion Ratio Lower Upper

105 100

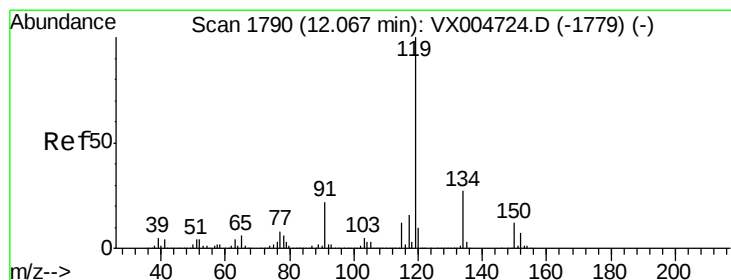
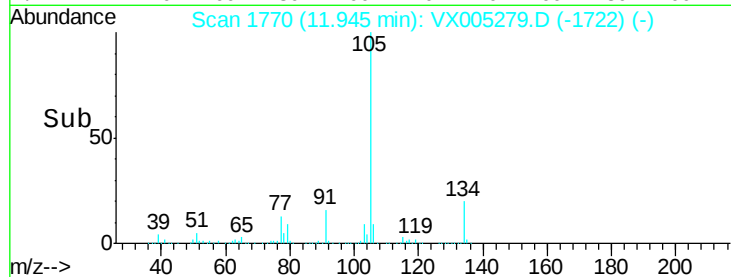
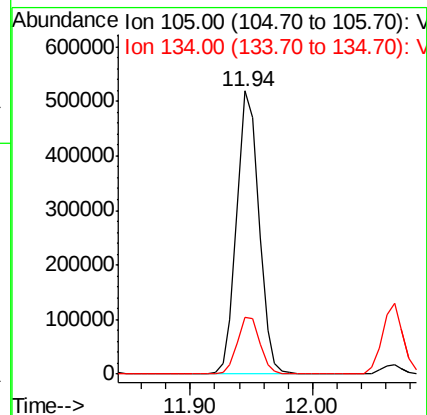
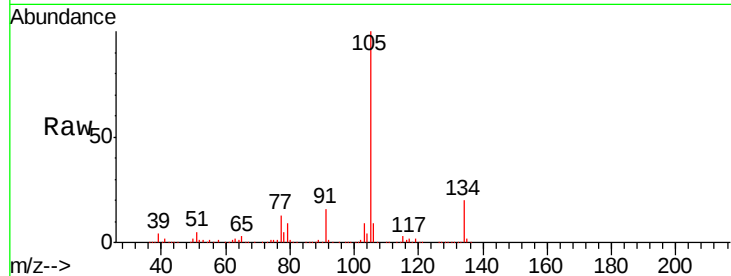
134 20.5 10.2 30.4

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#86

p-Isopropyltoluene

Concen: 58.96 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. 0.00 min

Lab File: VX005279.D

Acq: 12 Oct 2018 02:42

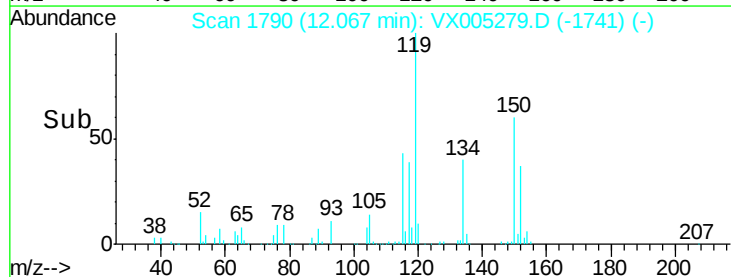
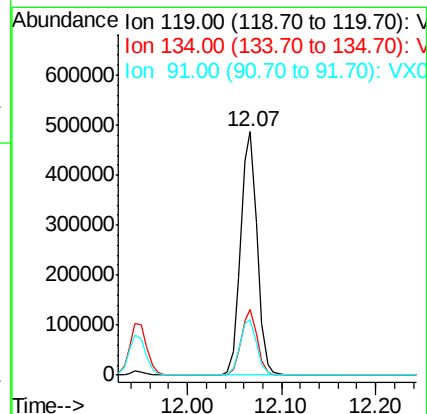
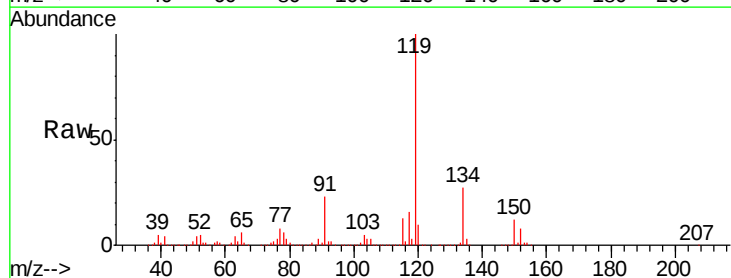
Tgt Ion:119 Resp: 588827

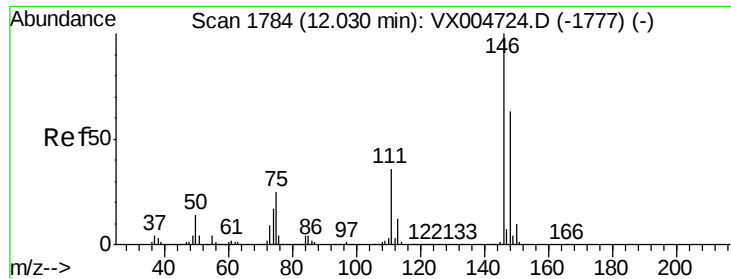
Ion Ratio Lower Upper

119 100

134 26.3 13.4 40.1

91 23.1 11.5 34.4





#87

1,3-Dichlorobenzene

Concen: 53.66 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. -0.01 min

Lab File: VX005279.D

Acq: 12 Oct 2018 02:42

Instrument :

MSVOA_X

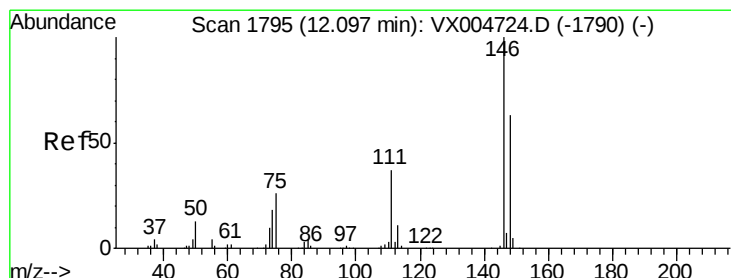
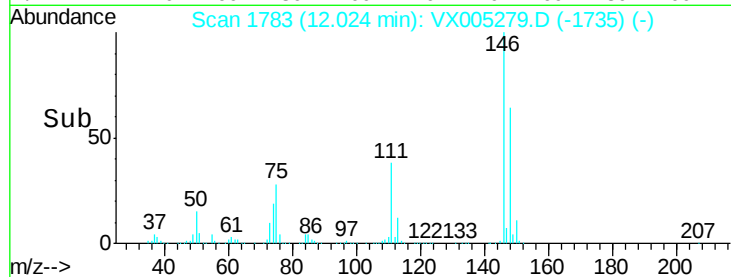
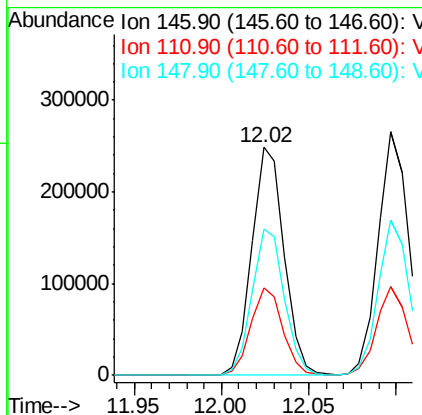
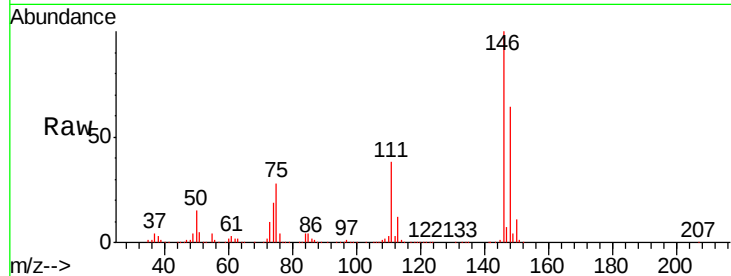
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	146	Resp:	319891
Ion Ratio	Lower	Upper	
146	100		
111	38.0	18.9	56.9
148	64.3	31.8	95.3

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 52.83 ug/l

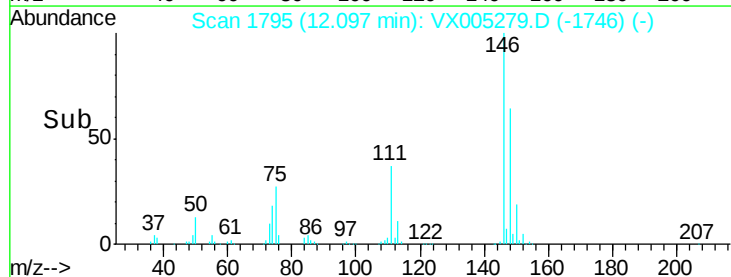
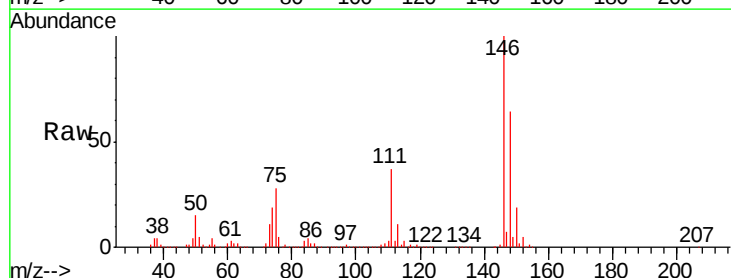
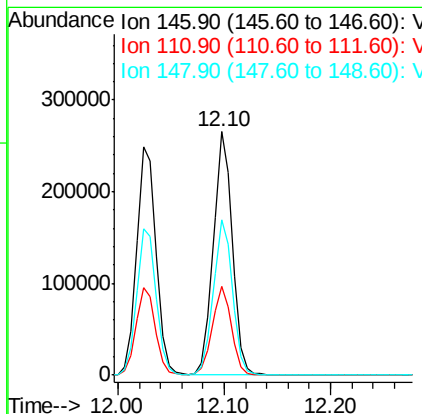
RT: 12.10 min Scan# 1795

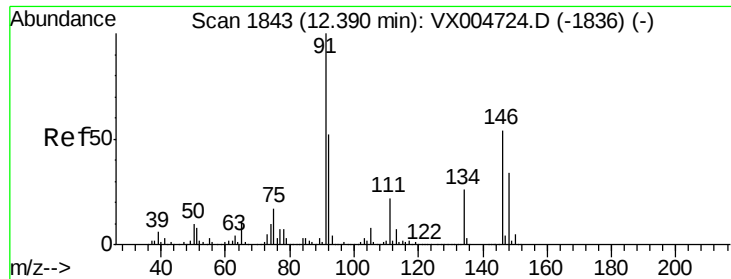
Delta R.T. 0.00 min

Lab File: VX005279.D

Acq: 12 Oct 2018 02:42

Tgt Ion:	146	Resp:	325118
Ion Ratio	Lower	Upper	
146	100		
111	36.6	18.4	55.2
148	64.3	32.0	96.0





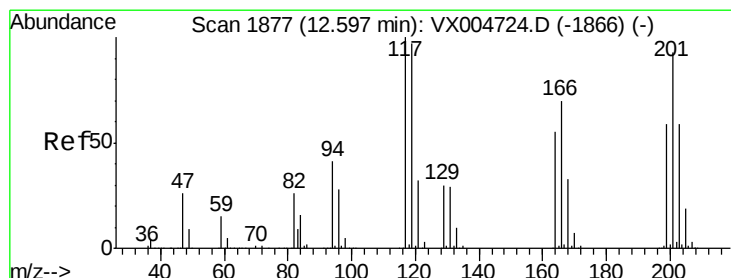
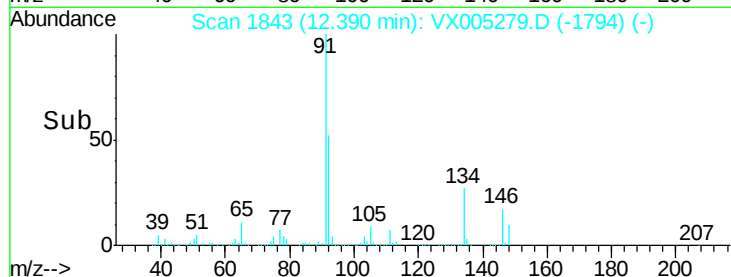
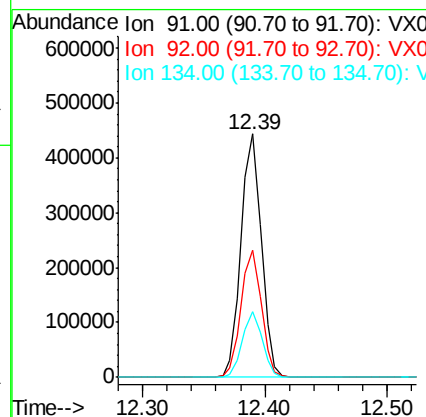
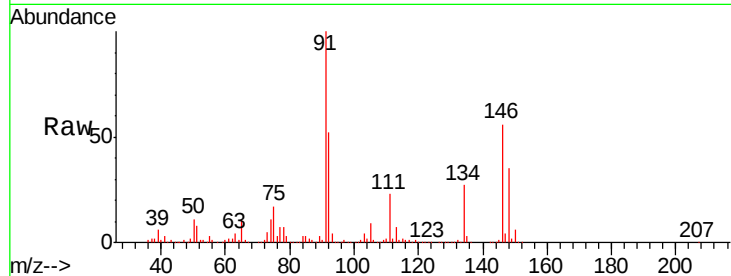
#89
n-Butylbenzene
Concen: 56.04 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX005279.D
Acq: 12 Oct 2018 02:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
91	100		
92	52.5	26.0	78.0
134	26.6	13.2	39.6

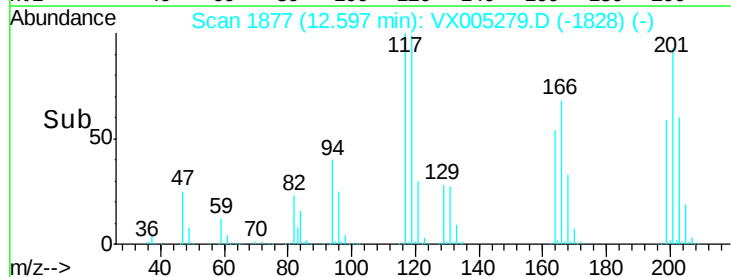
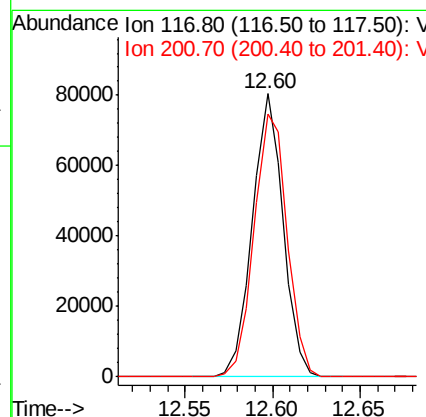
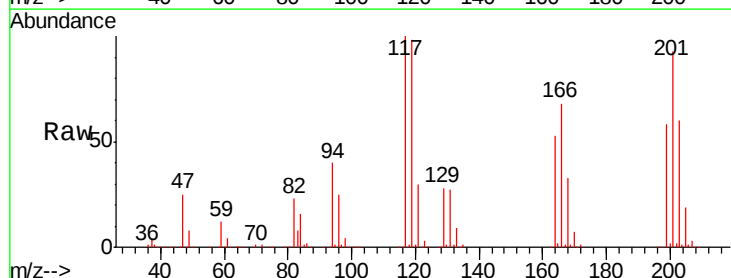
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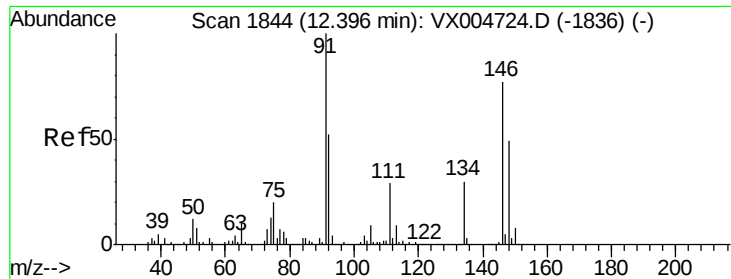
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#90
Hexachloroethane
Concen: 58.93 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX005279.D
Acq: 12 Oct 2018 02:42

Tgt Ion	Ratio	Lower	Upper
117	100		
201	100.2	48.4	145.0





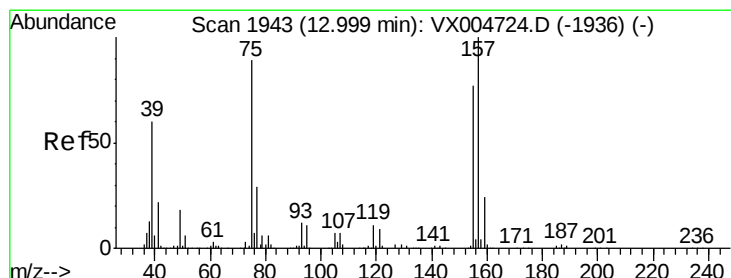
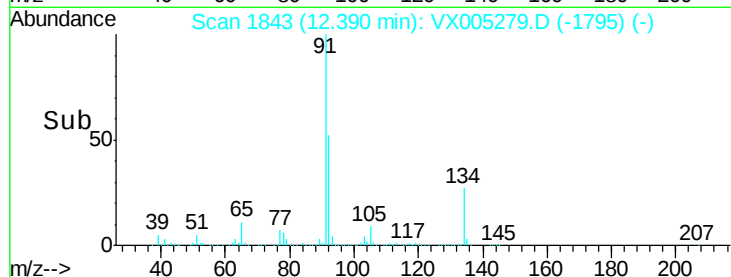
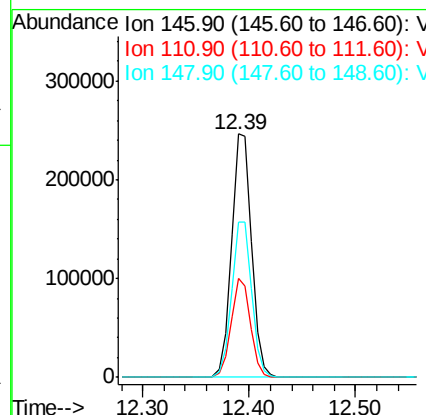
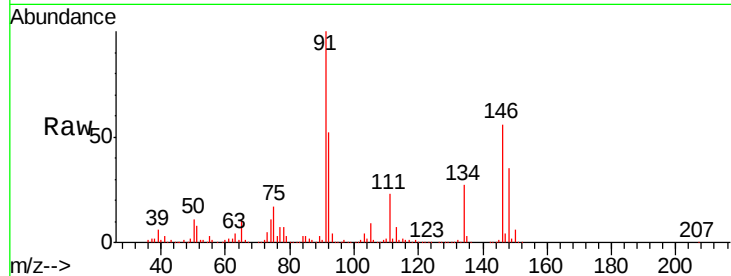
#91
 1,2-Dichlorobenzene
 Concen: 52.21 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.01 min
 Lab File: VX005279.D
 Acq: 12 Oct 2018 02:42

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.2	19.6	58.7
148	63.9	31.8	95.4

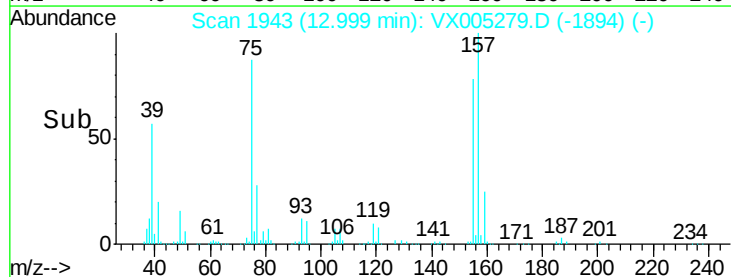
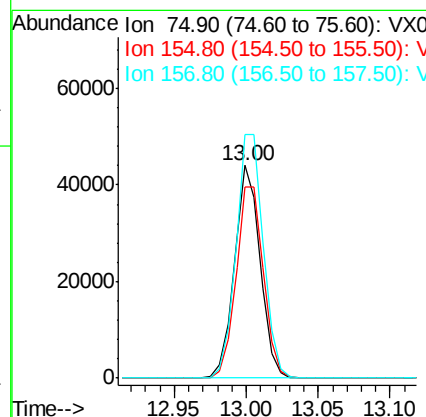
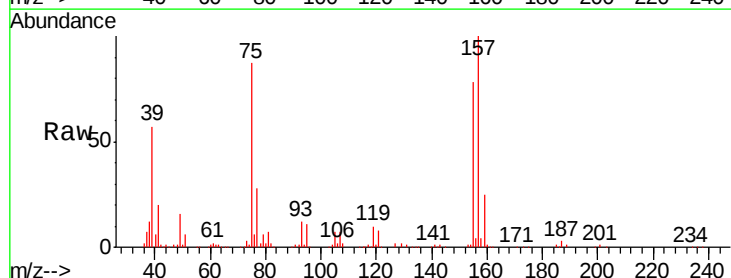
Manual Integrations
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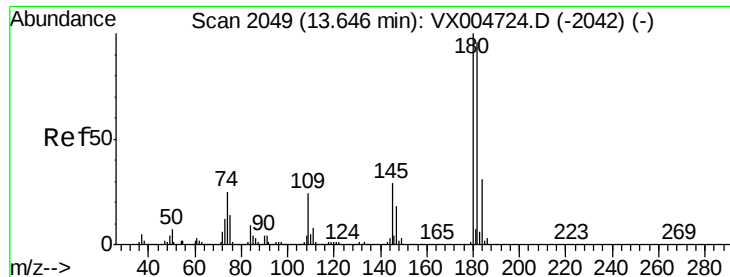
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 56.02 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX005279.D
 Acq: 12 Oct 2018 02:42

Tgt Ion	Ratio	Lower	Upper
75	100		
155	95.5	46.1	138.3
157	121.6	60.2	180.6





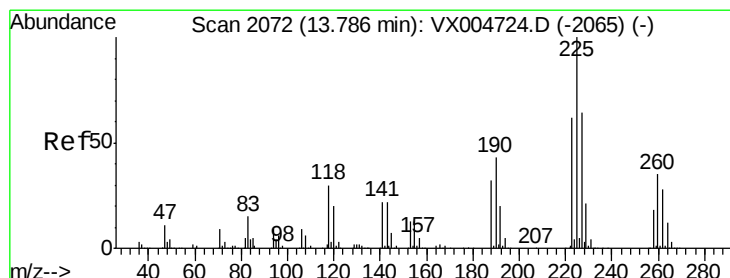
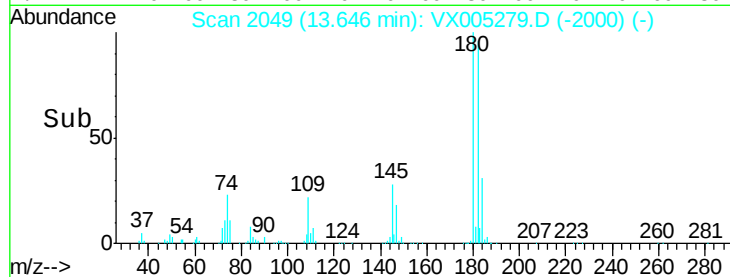
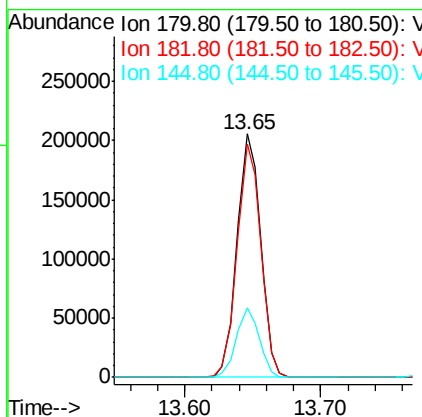
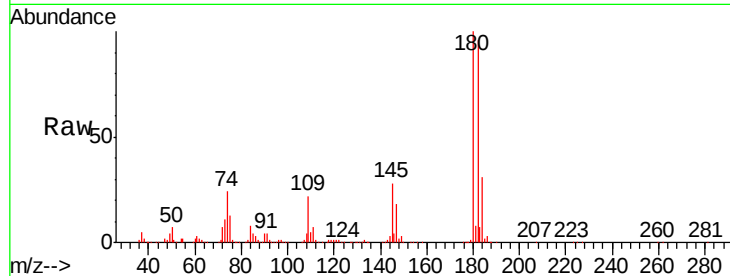
#93
 1,2,4-Trichlorobenzene
 Concen: 56.97 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX005279.D
 Acq: 12 Oct 2018 02:42

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	248975		
182	95.8	47.8	143.4	
145	27.7	14.1	42.4	

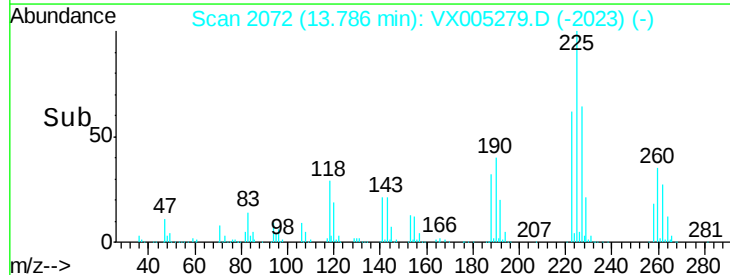
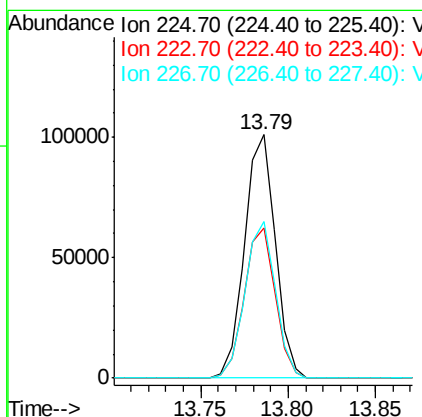
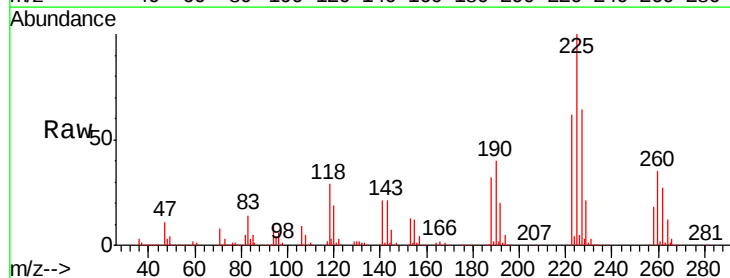
Manual Integrations
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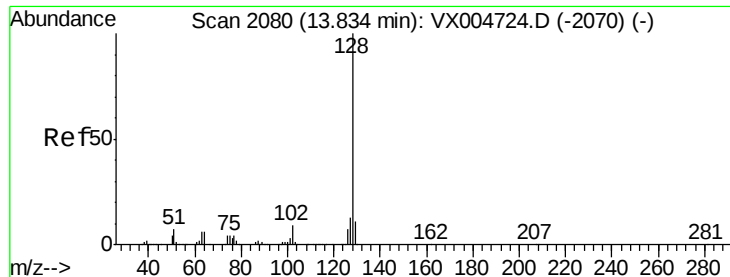
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#94
 Hexachlorobutadiene
 Concen: 54.52 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. 0.00 min
 Lab File: VX005279.D
 Acq: 12 Oct 2018 02:42

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	123564		
223	62.0	31.3	93.8	
227	63.8	31.9	95.5	





#95

Naphthalene

Concen: 54.21 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX005279.D

Acq: 12 Oct 2018 02:42

Instrument :

MSVOA_X

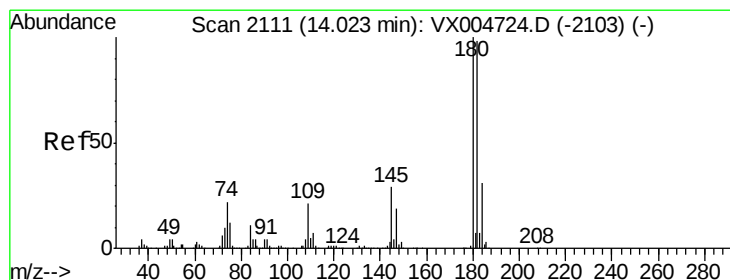
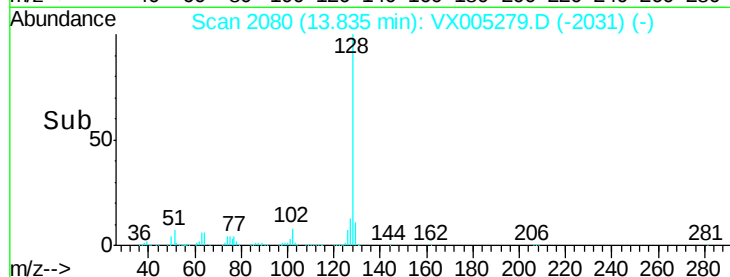
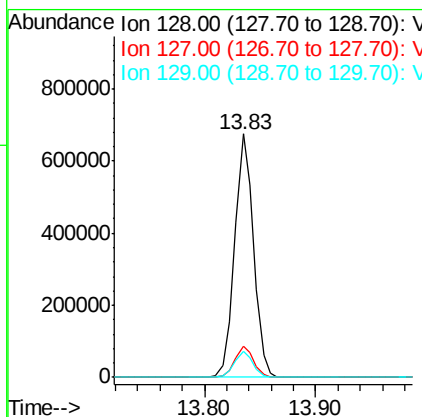
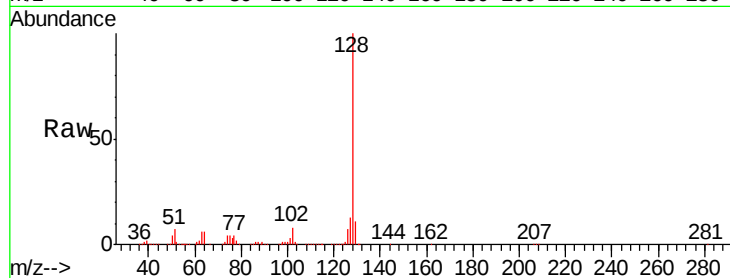
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	128	Resp:	787192
Ion Ratio	Lower	Upper	
128	100		
127	12.9	10.4	15.6
129	10.8	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
10/12/2018 2:34:13 PM



#96

1,2,3-Trichlorobenzene

Concen: 57.70 ug/l

RT: 14.02 min Scan# 2111

Delta R.T. 0.00 min

Lab File: VX005279.D

Acq: 12 Oct 2018 02:42

Tgt Ion:	180	Resp:	260501
Ion Ratio	Lower	Upper	
180	100		
182	94.6	47.9	143.8
145	29.0	15.0	45.0

