

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070518\
 Data File : VX003187.D
 Acq On : 05 Jul 2018 21:54
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

sam
 7/6/2018 4:20:27 PM

Quant Time: Jul 06 01:53:46 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 14:38:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	270241	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	374431	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	355053	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	229018	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	158764	42.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.00%	
35) Dibromofluoromethane	5.51	113	135806	45.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.60%	
50) Toluene-d8	8.72	98	472111	43.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.20%	
62) 4-Bromofluorobenzene	11.14	95	185806	44.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.98%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.20	85	118866	49.26	ug/l	98
3) Chloromethane	1.32	50	123827	49.41	ug/l	99
4) Vinyl Chloride	1.40	62	138543	45.33	ug/l	99
5) Bromomethane	1.64	94	40332	27.02	ug/l	99
6) Chloroethane	1.71	64	88346	49.24	ug/l	100
7) Trichlorofluoromethane	1.92	101	219140	42.51	ug/l	96
8) Diethyl Ether	2.19	74	83011	44.29	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.38	101	126195	42.25	ug/l	96
10) Methyl Iodide	2.51	142	100808	35.36	ug/l	97
11) Tert butyl alcohol	3.09	59	164880	221.58	ug/l	99
12) 1,1-Dichloroethene	2.37	96	116438	43.69	ug/l	94
13) Acrolein	2.29	56	94818	230.19	ug/l	99
14) Allyl chloride	2.73	41	221790	42.22	ug/l	95
15) Acrylonitrile	3.15	53	365390	229.90	ug/l	99
16) Acetone	2.45	43	330114	213.41	ug/l	97
17) Carbon Disulfide	2.57	76	304581	42.89	ug/l	99
18) Methyl Acetate	2.78	43	183060	42.33	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	419146	43.75	ug/l	100
20) Methylene Chloride	2.86	84	132862	44.14	ug/l	94
21) trans-1,2-Dichloroethene	3.16	96	126589	43.61	ug/l	91
22) Diisopropyl ether	3.88	45	434812	43.30	ug/l	98
23) Vinyl Acetate	3.83	43	1896368	223.01	ug/l	98
24) 1,1-Dichloroethane	3.70	63	240455	44.05	ug/l	99
25) 2-Butanone	4.72	43	550069	239.61	ug/l	97
26) 2,2-Dichloropropane	4.59	77	140877	31.74	ug/l	95
27) cis-1,2-Dichloroethene	4.60	96	151232	46.47	ug/l	93
28) Bromochloromethane	5.02	49	124916	47.81	ug/l	91
29) Tetrahydrofuran	5.17	42	354865	241.05	ug/l	96
30) Chloroform	5.22	83	256881	45.86	ug/l	99
31) Cyclohexane	5.57	56	216398	46.20	ug/l	94
32) 1,1,1-Trichloroethane	5.50	97	227194	46.10	ug/l	99
36) 1,1-Dichloropropene	5.80	75	186293	45.37	ug/l	99
37) Ethyl Acetate	4.87	43	213094	48.20	ug/l	99
38) Carbon Tetrachloride	5.78	117	205136	45.53	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	214216	44.79	ug/l	97
40) Benzene	6.15	78	556136	46.61	ug/l	100
41) Methacrylonitrile	5.07	41	120513	47.34	ug/l	97
42) 1,2-Dichloroethane	6.20	62	209024	43.37	ug/l	99
43) Isopropyl Acetate	6.48	43	343851	46.37	ug/l	98
44) Trichloroethene	7.22	130	163580	45.99	ug/l	99
45) 1,2-Dichloropropane	7.52	63	146217	46.20	ug/l	100
46) Dibromomethane	7.67	93	99917	45.49	ug/l	95
47) Bromodichloromethane	7.90	83	190530	46.93	ug/l	99
48) Methyl methacrylate	7.78	41	177996	46.59	ug/l	95
49) 1,4-Dioxane	7.76	88	71740	965.16	ug/l	99
51) 4-Methyl-2-Pentanone	8.66	43	1107160	238.66	ug/l	97
52) Toluene	8.79	92	358350	46.89	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	215042	46.77	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	197448	44.63	ug/l	95
55) 1,1,2-Trichloroethane	9.22	97	148445	47.27	ug/l	97
56) Ethyl methacrylate	9.18	69	225444	49.12	ug/l	93
57) 1,3-Dichloropropane	9.38	76	240409	46.61	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	556655	251.38	ug/l	97
59) 2-Hexanone	9.50	43	847896	240.49	ug/l	96
60) Dibromochloromethane	9.59	129	159992	48.39	ug/l	99
61) 1,2-Dibromoethane	9.68	107	157495	47.81	ug/l	99
64) Tetrachloroethene	9.34	164	194387	49.24	ug/l	97
65) Chlorobenzene	10.14	112	415883	46.12	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	156572	47.79	ug/l	99
67) Ethyl Benzene	10.26	91	696084	46.72	ug/l	100
68) m/p-Xylenes	10.36	106	547841	95.42	ug/l	97
69) o-Xylene	10.70	106	264948	47.39	ug/l	97
70) Styrene	10.71	104	444552	48.94	ug/l	98
71) Bromoform	10.86	173	129423	44.21	ug/l	100
73) Isopropylbenzene	11.02	105	716592	46.51	ug/l	100
74) N-amyl acetate	6.48	43	343851	45.61	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	219431	46.24	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	217006m	52.31	ug/l	
77) Bromobenzene	11.26	156	199989	45.58	ug/l	96
78) n-propylbenzene	11.37	91	803319	45.81	ug/l	98
79) 2-Chlorotoluene	11.43	91	478788	45.09	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	602928	46.46	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	53930	38.55	ug/l	99
82) 4-Chlorotoluene	11.51	91	559763	44.53	ug/l	98
83) tert-Butylbenzene	11.77	119	590723	46.19	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	617363	45.92	ug/l	98
85) sec-Butylbenzene	11.95	105	712546	45.93	ug/l	99
86) p-Isopropyltoluene	12.07	119	657144	47.11	ug/l	98
87) 1,3-Dichlorobenzene	12.03	146	367888	45.91	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	371845	45.09	ug/l	99
89) n-Butylbenzene	12.39	91	532098	43.83	ug/l	99
90) Hexachloroethane	12.60	117	97016	46.76	ug/l	95
91) 1,2-Dichlorobenzene	12.40	146	371363	45.92	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	51641	48.40	ug/l	88

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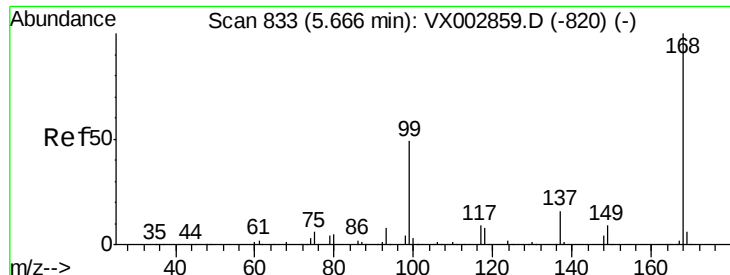
Manual Integrations
APPROVED

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7/6/2018 4:20:27 PM

Quant Time: Jul 06 01:53:46 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
Quant Title : SW846 8260
QLast Update : Mon Jun 25 14:38:05 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	280345	47.63	ug/l	99
94) Hexachlorobutadiene	13.79	225	131156	44.68	ug/l	100
95) Naphthalene	13.83	128	805867	51.40	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	284634	48.41	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.00 min

Lab File: VX003187.D

Acq: 05 Jul 2018 21:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 270241

Ion Ratio Lower Upper

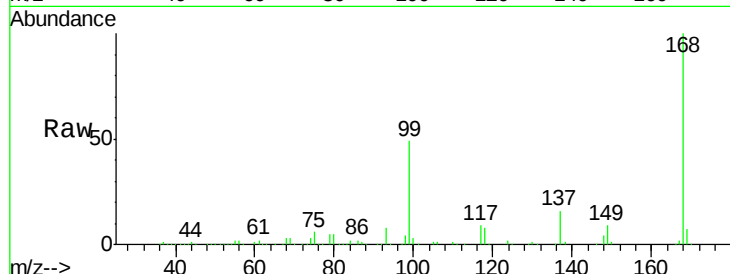
168 100

99 48.6 39.3 58.9

Manual Integrations
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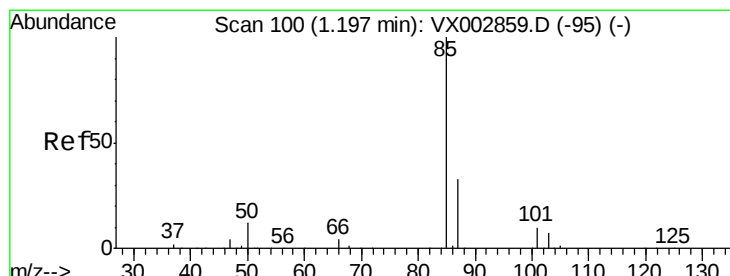
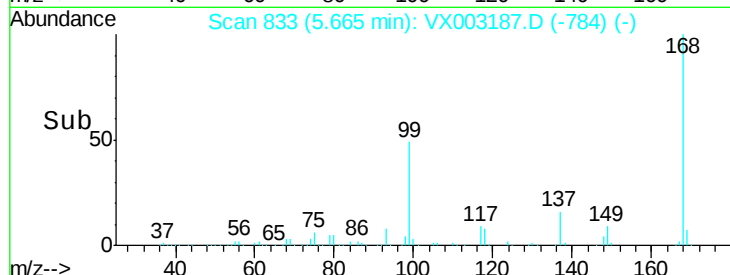
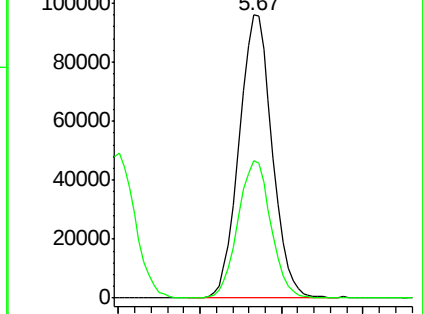
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 49.26 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX003187.D

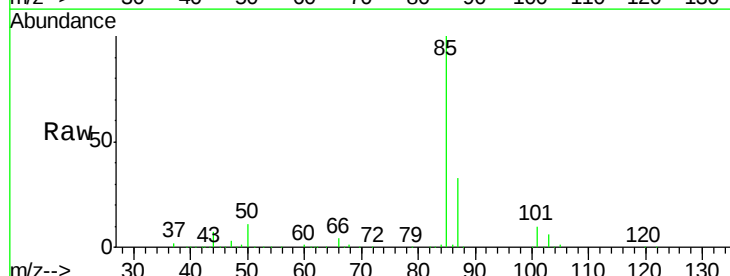
Acq: 05 Jul 2018 21:54

Tgt Ion: 85 Resp: 118866

Ion Ratio Lower Upper

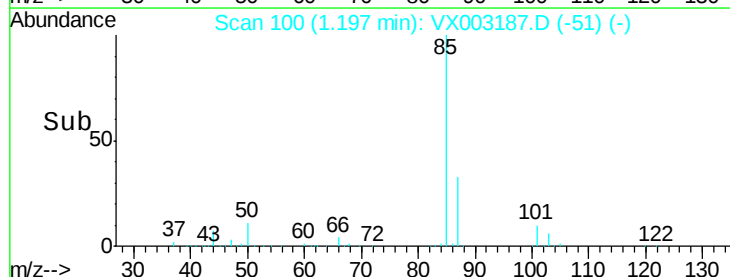
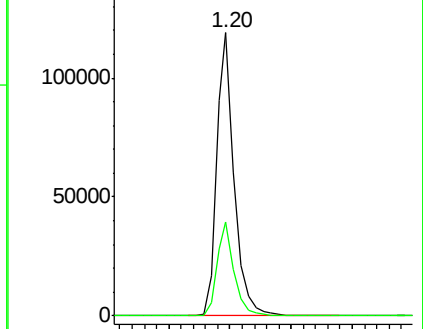
85 100

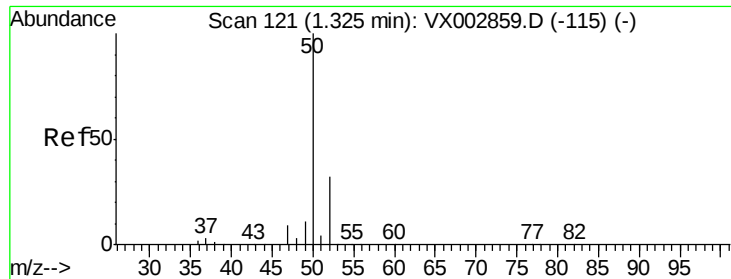
87 33.1 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 49.41 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX003187.D

Acq: 05 Jul 2018 21:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 123827

Ion Ratio Lower Upper

50 100

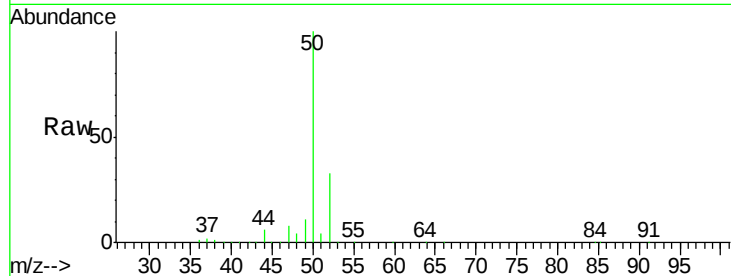
52 32.9 25.7 38.5

Manual Integrations

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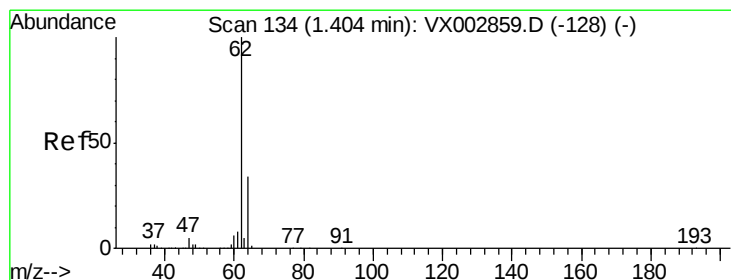
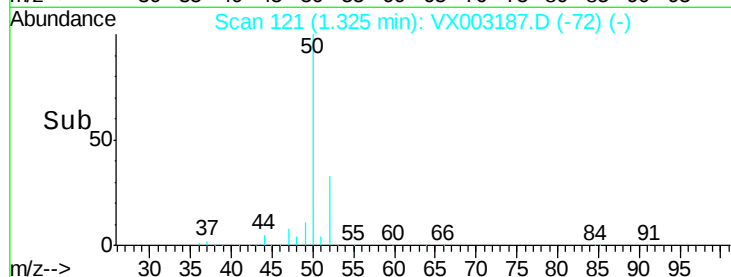
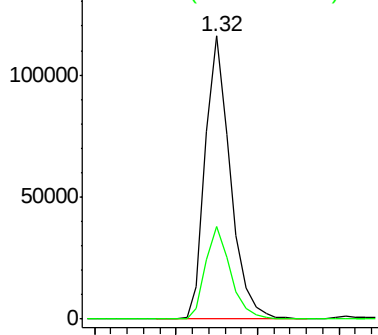
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 45.33 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX003187.D

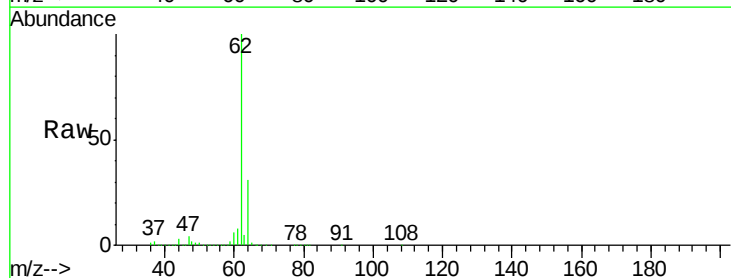
Acq: 05 Jul 2018 21:54

Tgt Ion: 62 Resp: 138543

Ion Ratio Lower Upper

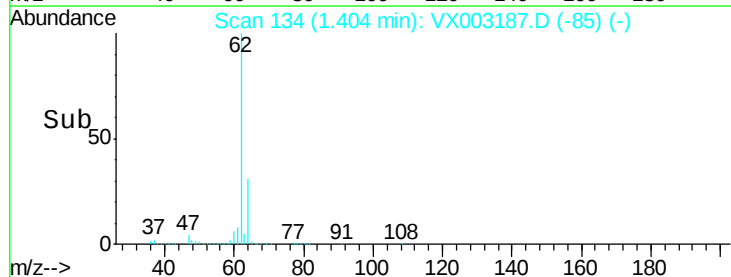
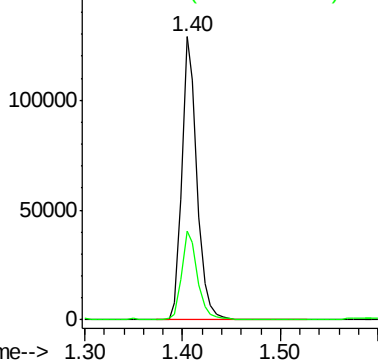
62 100

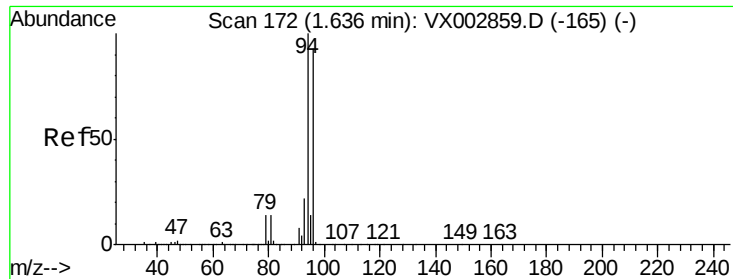
64 31.2 25.4 38.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 27.02 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX003187.D

Acq: 05 Jul 2018 21:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 40332

Ion Ratio Lower Upper

94 100

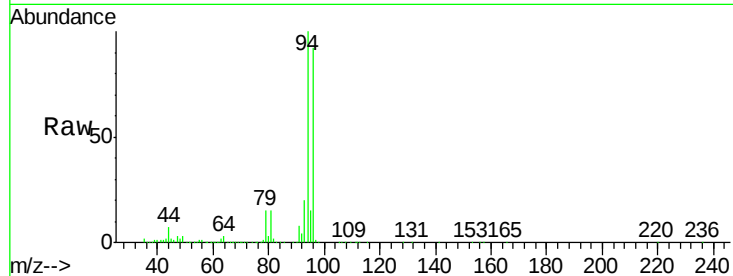
96 92.5 74.9 112.3

Manual Integrations

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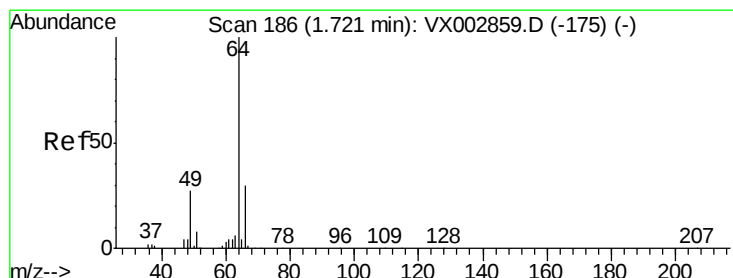
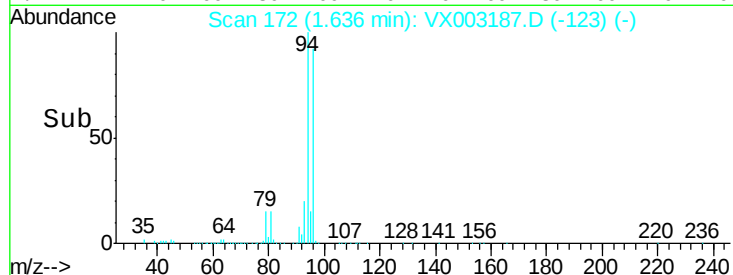
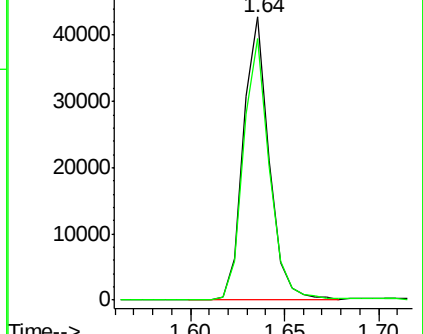
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 49.24 ug/l

RT: 1.71 min Scan# 185

Delta R.T. -0.01 min

Lab File: VX003187.D

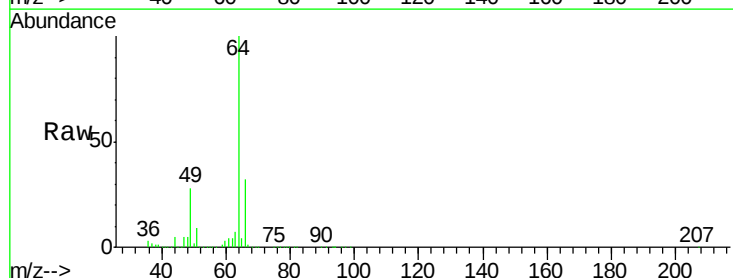
Acq: 05 Jul 2018 21:54

Tgt Ion: 64 Resp: 88346

Ion Ratio Lower Upper

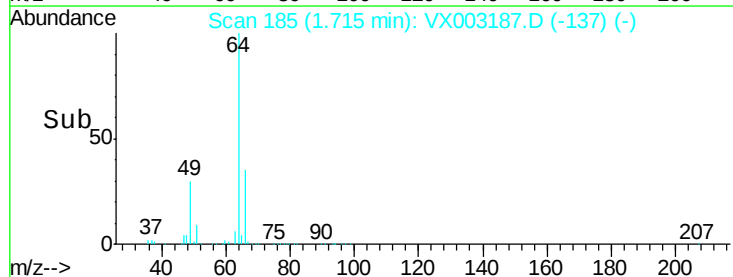
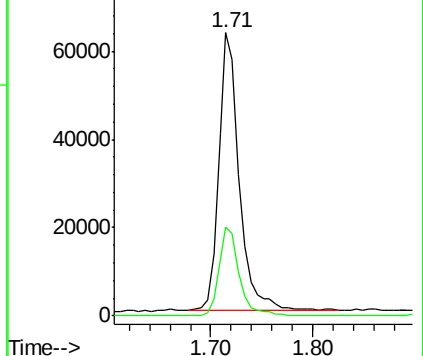
64 100

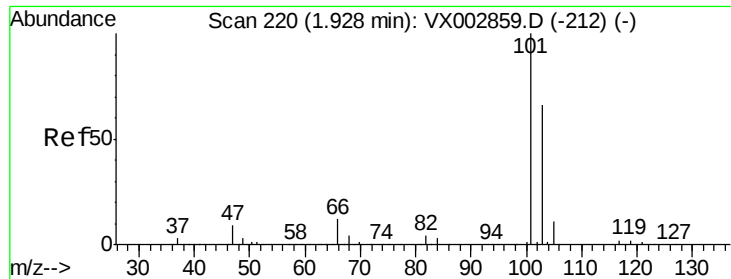
66 31.9 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

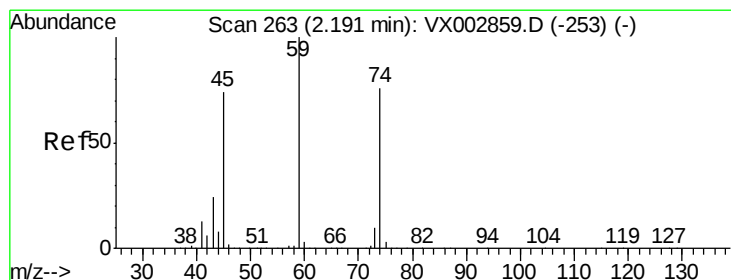
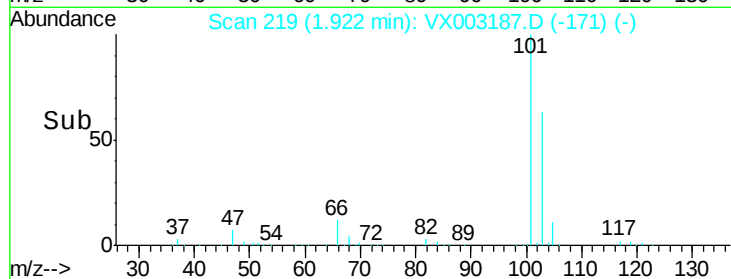
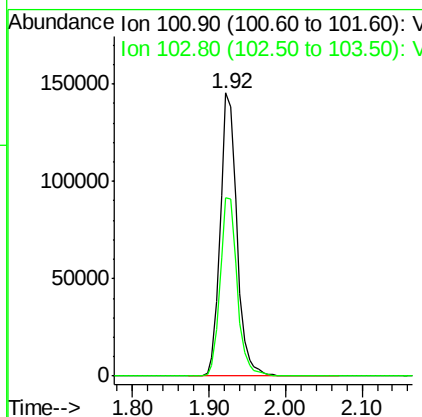
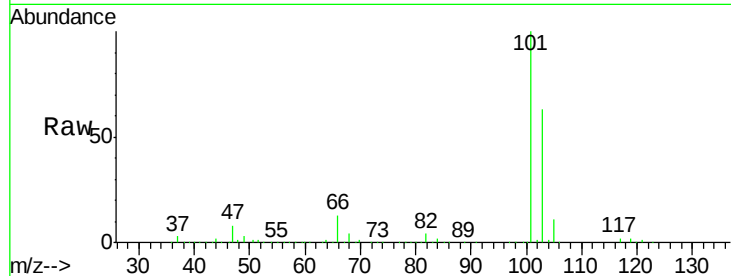
Trichlorofluoromethane
 Concen: 42.51 ug/l
 RT: 1.92 min Scan# 219
 Delta R.T. -0.01 min
 Lab File: VX003187.D
 Acq: 05 Jul 2018 21:54

Instrument :
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 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.0	52.8	79.2

Manual Integrations
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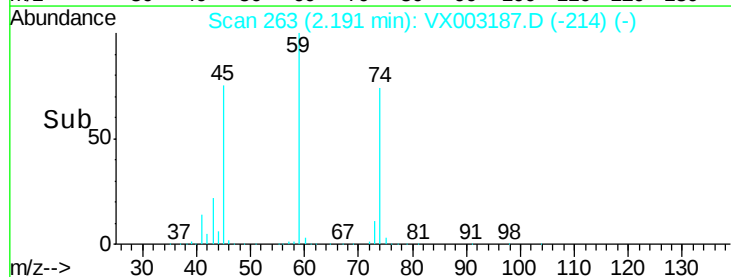
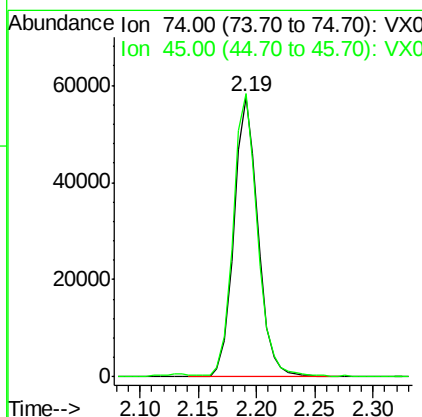
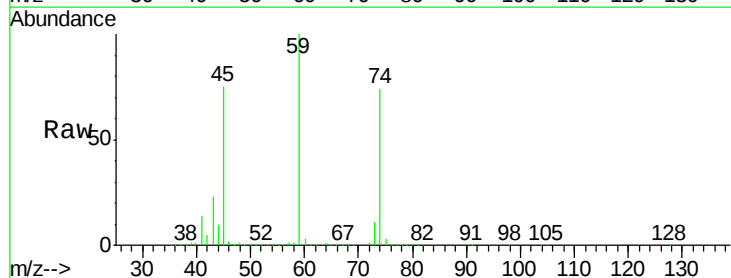
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#8

Diethyl Ether
 Concen: 44.29 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. -0.00 min
 Lab File: VX003187.D
 Acq: 05 Jul 2018 21:54

Tgt Ion	Ratio	Lower	Upper
74	100		
45	101.3	53.1	159.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 42.25 ug/l

RT: 2.38 min Scan# 294

Delta R.T. -0.01 min

Lab File: VX003187.D

Acq: 05 Jul 2018 21:54

Instrument :

MSVOA_X

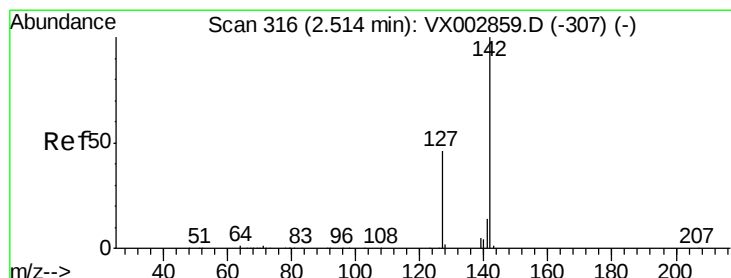
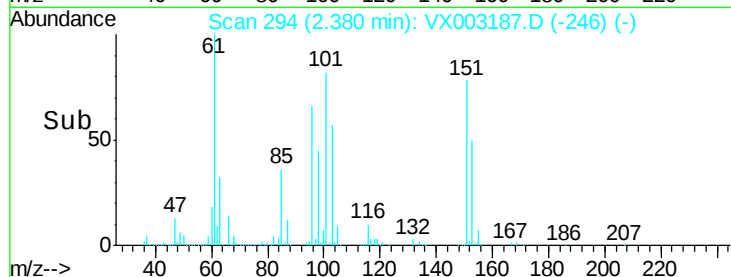
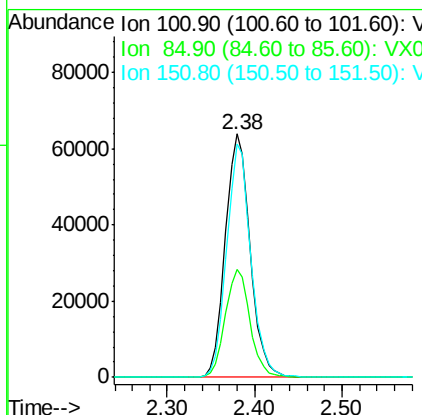
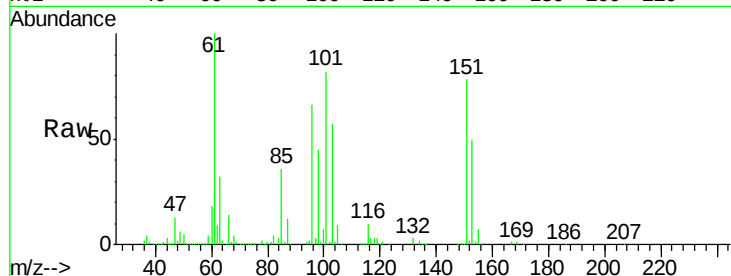
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	126195
Ion Ratio	Lower	Upper	
101	100		
85	44.2	36.0	54.0
151	93.3	70.9	106.3

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#10

Methyl Iodide

Concen: 35.36 ug/l

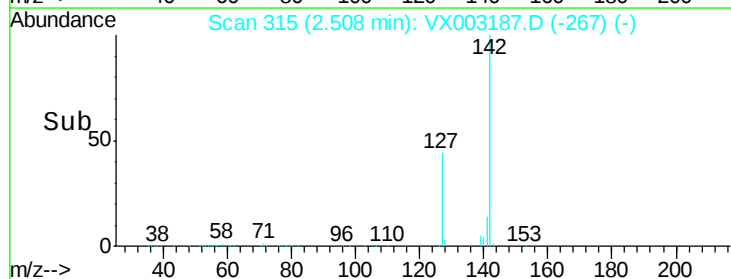
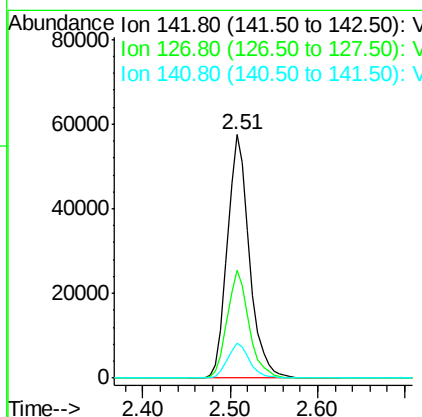
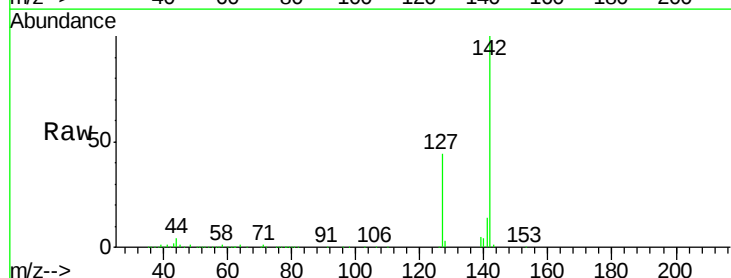
RT: 2.51 min Scan# 315

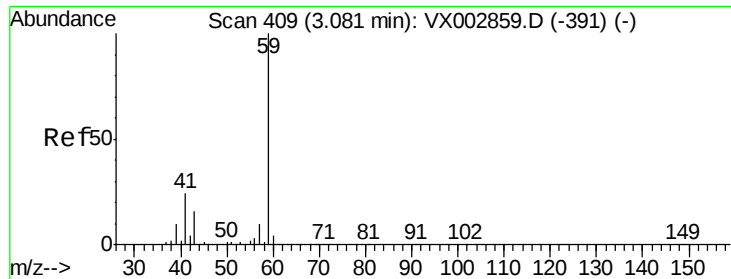
Delta R.T. -0.01 min

Lab File: VX003187.D

Acq: 05 Jul 2018 21:54

Tgt Ion:	142	Resp:	100808
Ion Ratio	Lower	Upper	
142	100		
127	43.7	36.6	55.0
141	14.5	11.3	16.9





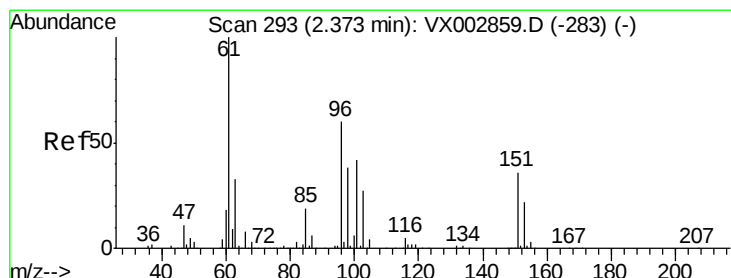
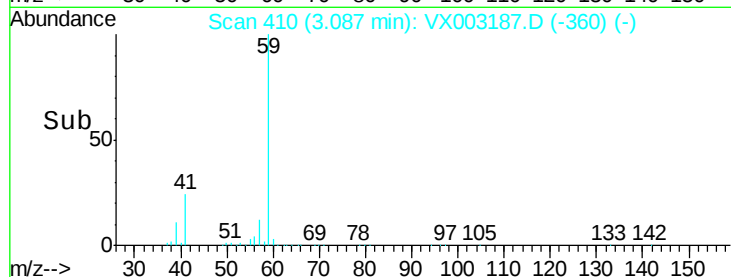
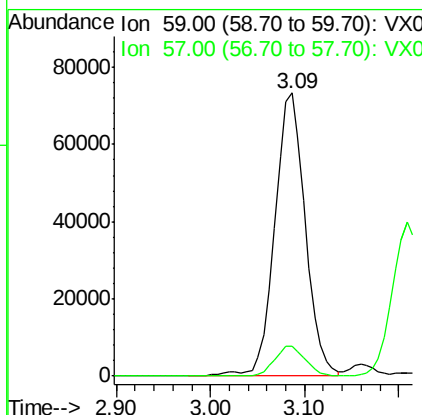
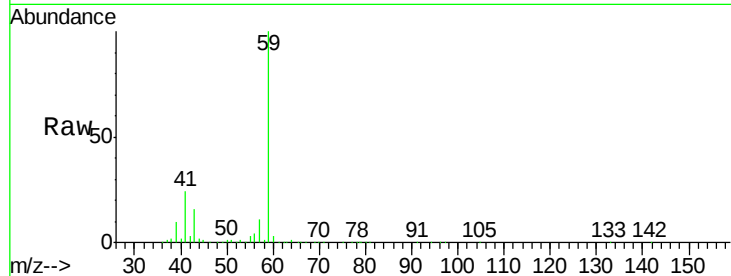
#11
Tert butyl alcohol
Concen: 221.58 ug/l
RT: 3.09 min Scan# 410
Delta R.T. 0.01 min
Lab File: VX003187.D
Acq: 05 Jul 2018 21:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 59 Resp: 164880
Ion Ratio Lower Upper
59 100
57 10.7 8.2 12.2

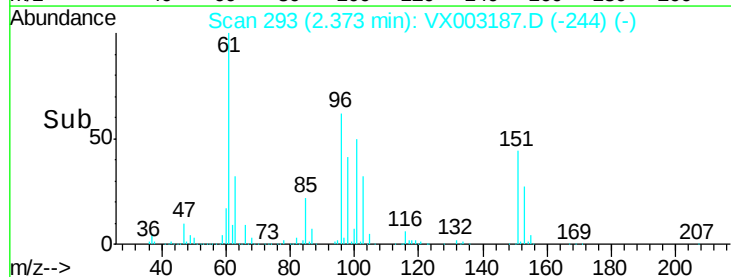
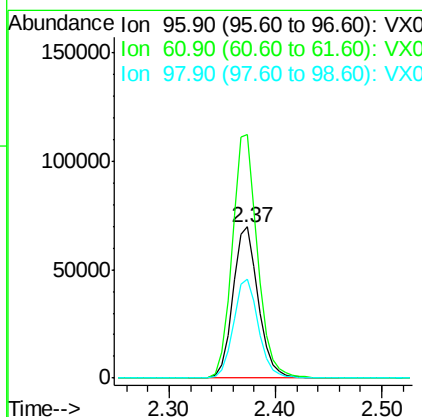
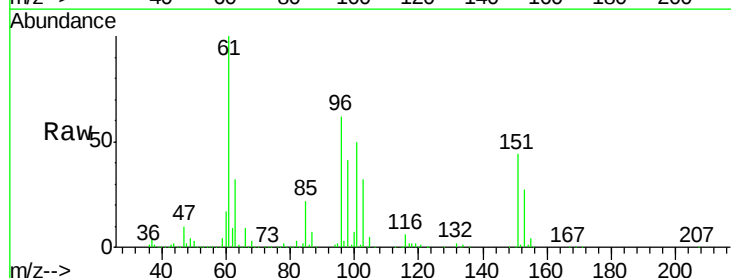
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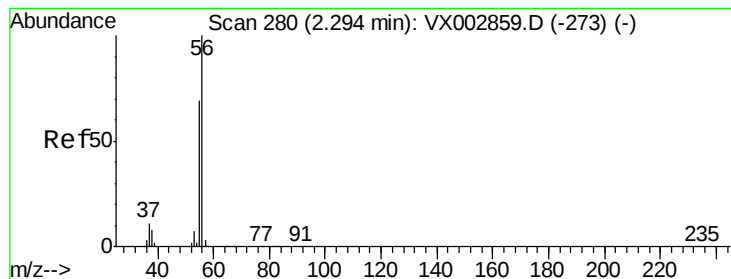
sam
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#12
1,1-Dichloroethene
Concen: 43.69 ug/l
RT: 2.37 min Scan# 293
Delta R.T. -0.00 min
Lab File: VX003187.D
Acq: 05 Jul 2018 21:54

Tgt Ion: 96 Resp: 116438
Ion Ratio Lower Upper
96 100
61 161.3 137.9 206.9
98 65.3 51.6 77.4





#13

Acrolein

Concen: 230.19 ug/l

RT: 2.29 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX003187.D

Acq: 05 Jul 2018 21:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 94818

Ion Ratio Lower Upper

56 100

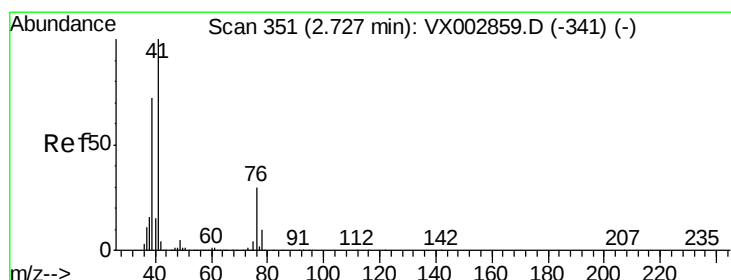
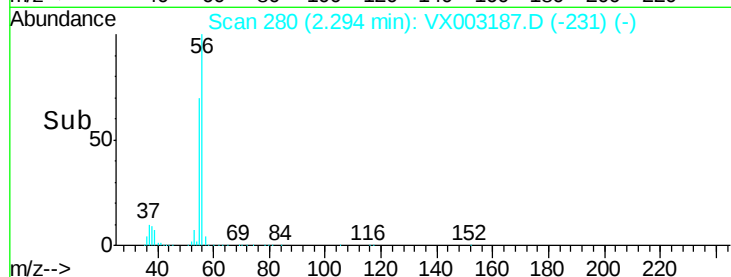
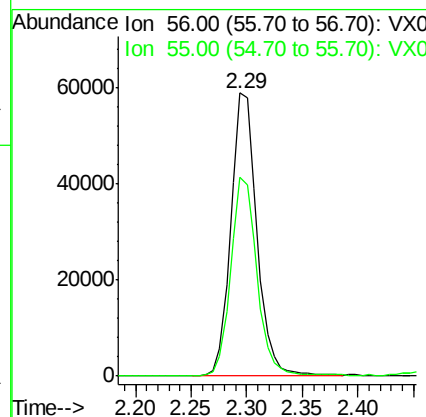
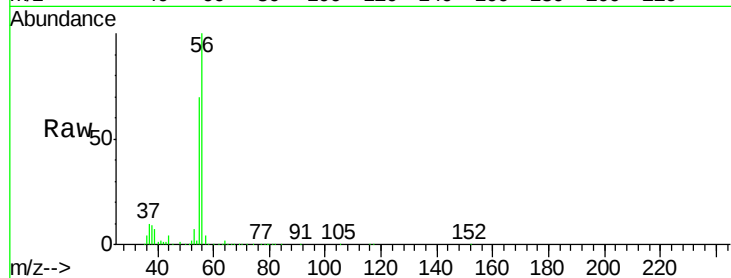
55 70.5 57.0 85.4

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#14

Allyl chloride

Concen: 42.22 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.00 min

Lab File: VX003187.D

Acq: 05 Jul 2018 21:54

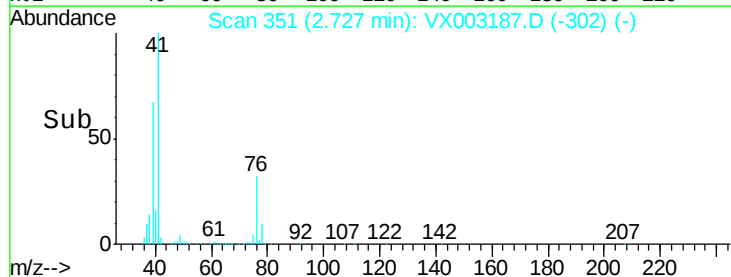
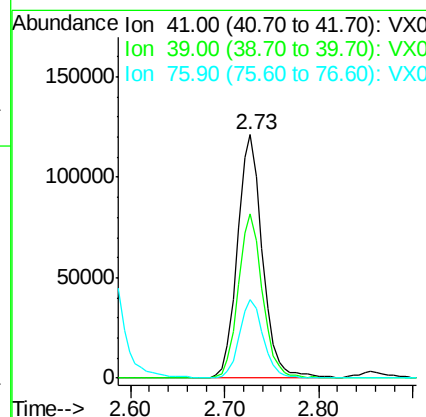
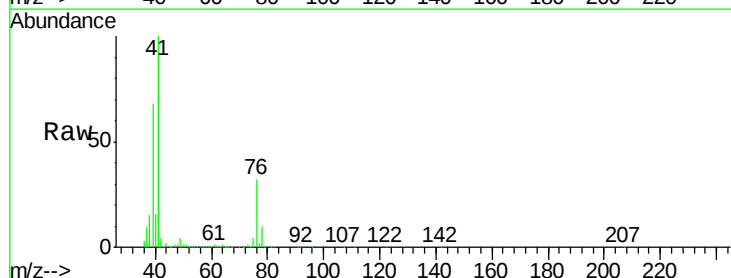
Tgt Ion: 41 Resp: 221790

Ion Ratio Lower Upper

41 100

39 65.6 56.8 85.2

76 30.9 23.8 35.8





#15

Acrylonitrile

Concen: 229.90 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.00 min

Lab File: VX003187.D

Acq: 05 Jul 2018 21:54

Instrument :

MSVOA_X

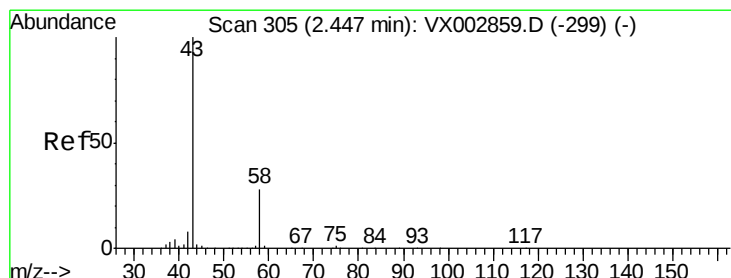
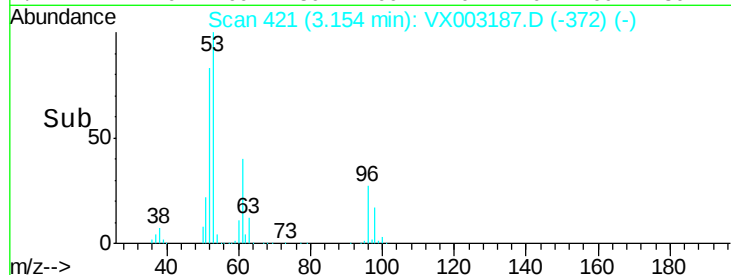
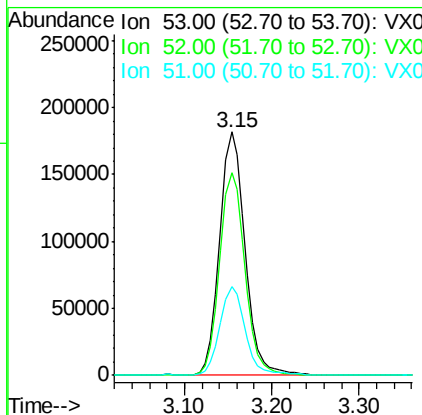
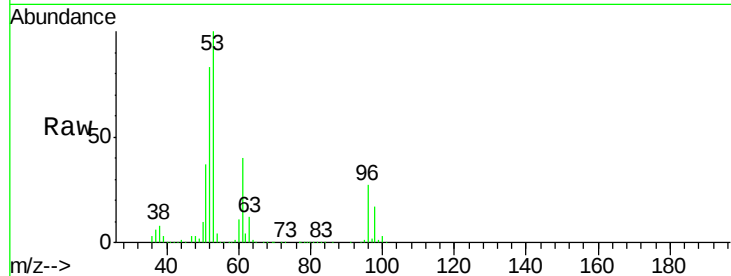
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	365390
Ion Ratio	Lower	Upper	
53	100		
52	83.2	66.7	100.1
51	36.5	29.9	44.9

Manual Integrations
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#16

Acetone

Concen: 213.41 ug/l

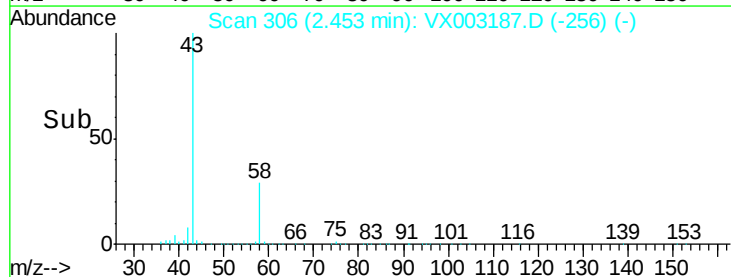
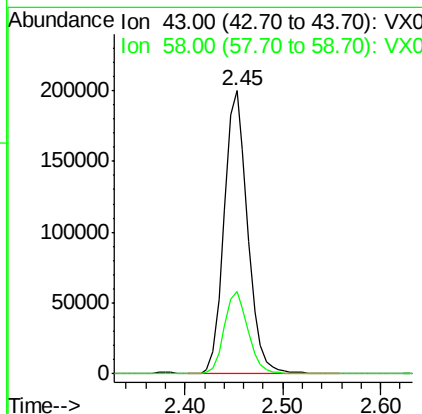
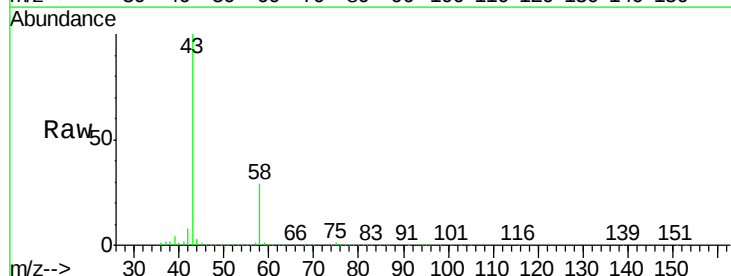
RT: 2.45 min Scan# 306

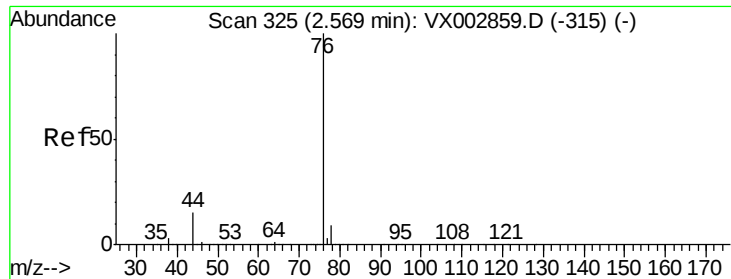
Delta R.T. 0.01 min

Lab File: VX003187.D

Acq: 05 Jul 2018 21:54

Tgt Ion:	43	Resp:	330114
Ion Ratio	Lower	Upper	
43	100		
58	29.3	22.1	33.1





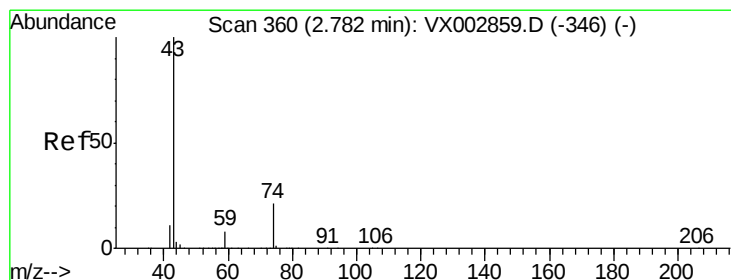
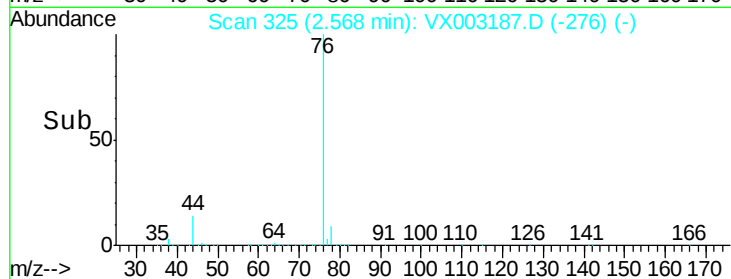
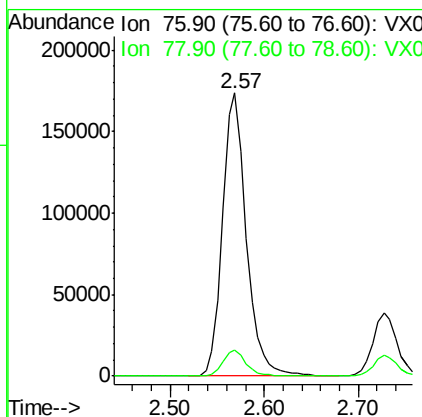
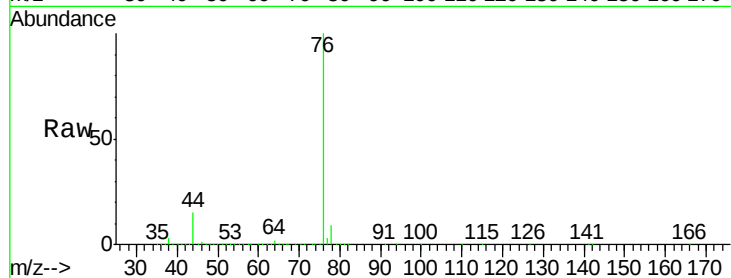
#17
Carbon Disulfide
Concen: 42.89 ug/l
RT: 2.57 min Scan# 325
Delta R.T. -0.00 min
Lab File: VX003187.D
Acq: 05 Jul 2018 21:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.0	6.9	10.3

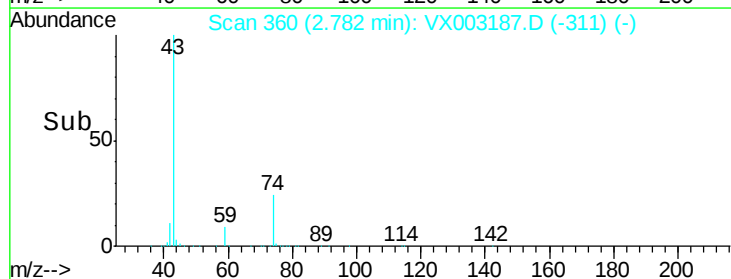
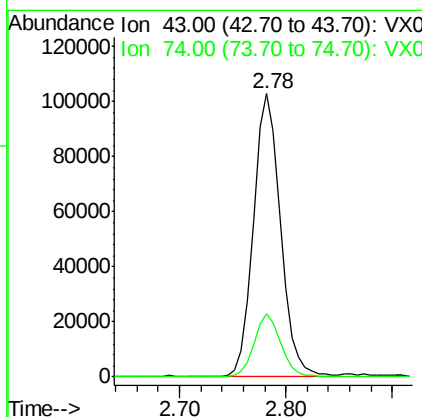
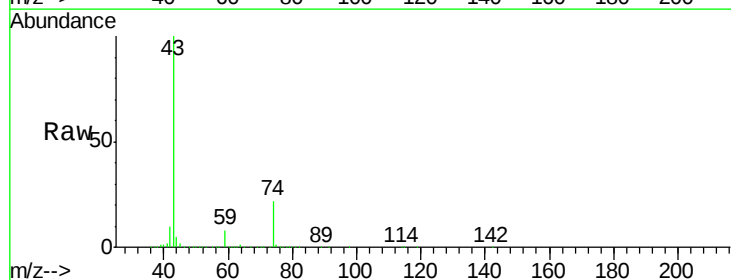
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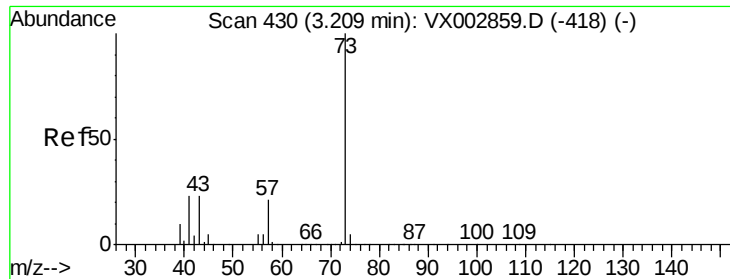
Sam
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#18
Methyl Acetate
Concen: 42.33 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.00 min
Lab File: VX003187.D
Acq: 05 Jul 2018 21:54

Tgt Ion	Ratio	Lower	Upper
43	100		
74	21.9	16.7	25.1





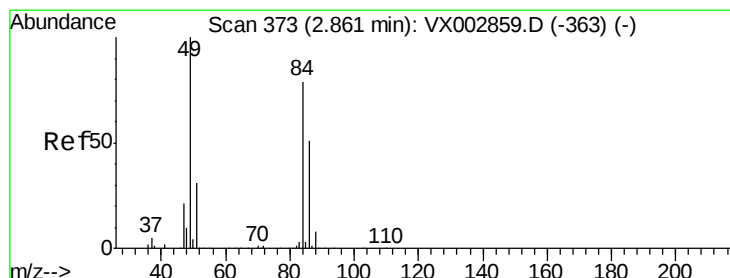
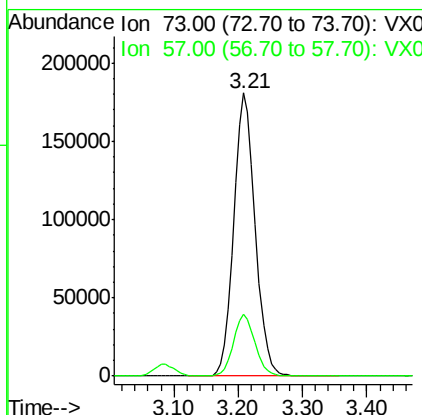
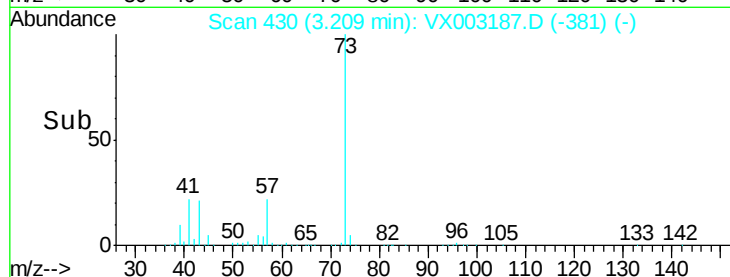
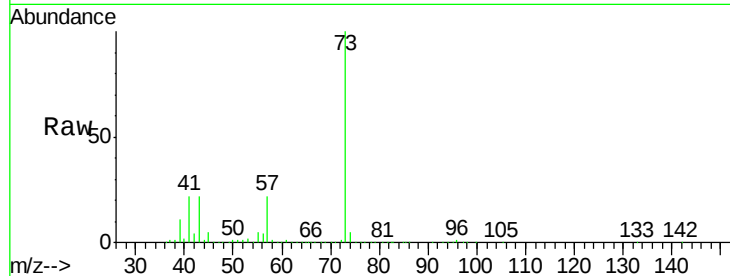
#19
Methvl tert-butvl Ether
Concen: 43.75 ug/l
RT: 3.21 min Scan# 430
Delta R.T. -0.00 min
Lab File: VX003187.D
Acq: 05 Jul 2018 21:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 419146
Ion Ratio Lower Upper
73 100
57 21.9 17.7 26.5

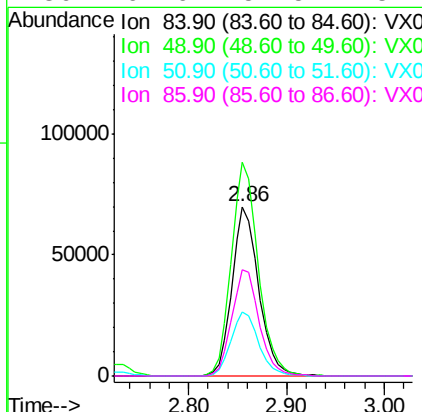
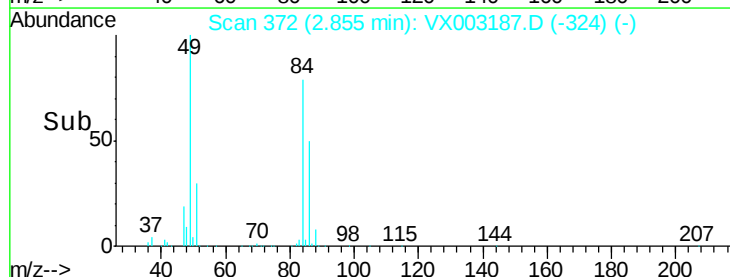
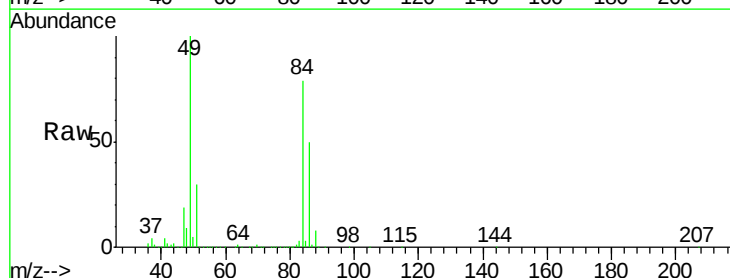
Manual Integrations
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#20
Methylene Chloride
Concen: 44.14 ug/l
RT: 2.86 min Scan# 372
Delta R.T. -0.01 min
Lab File: VX003187.D
Acq: 05 Jul 2018 21:54

Tgt Ion: 84 Resp: 132862
Ion Ratio Lower Upper
84 100
49 126.3 107.8 161.6
51 37.9 32.8 49.2
86 62.6 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 43.61 ug/l

RT: 3.16 min Scan# 422

Delta R.T. -0.01 min

Lab File: VX003187.D

Acq: 05 Jul 2018 21:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 96 Resp: 126589

Ion Ratio Lower Upper

96 100

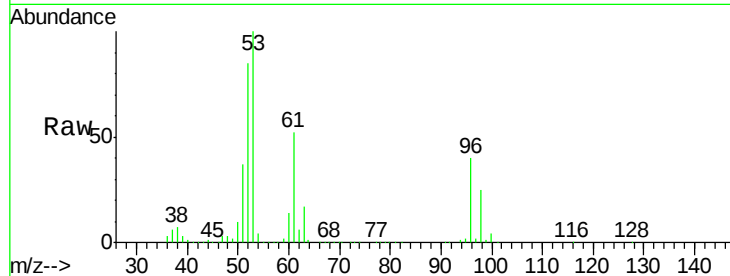
61 131.4 117.0 175.4

98 62.6 52.4 78.6

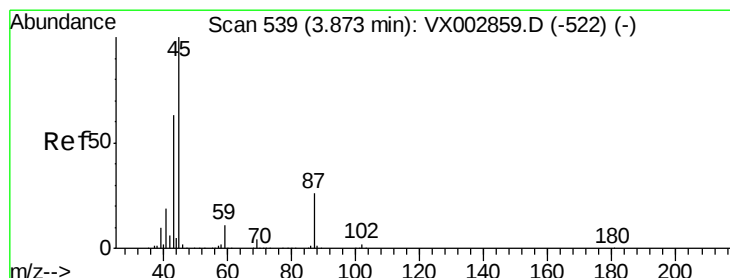
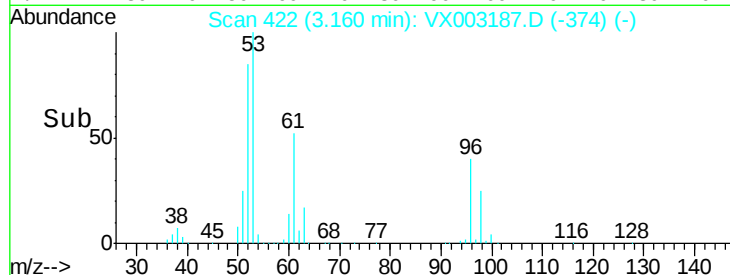
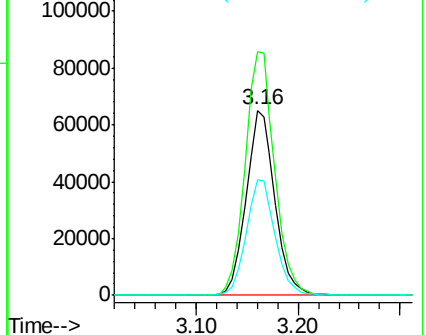
Manual Integrations
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Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 43.30 ug/l

RT: 3.88 min Scan# 540

Delta R.T. 0.01 min

Lab File: VX003187.D

Acq: 05 Jul 2018 21:54

Tgt Ion: 45 Resp: 434812

Ion Ratio Lower Upper

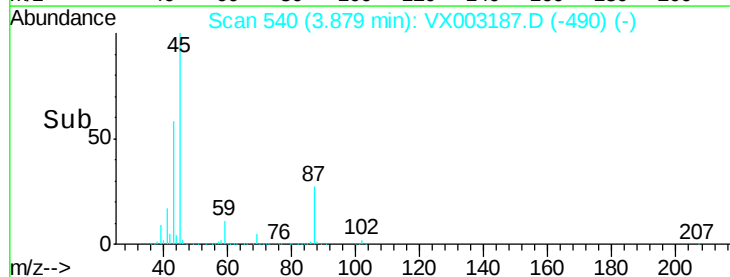
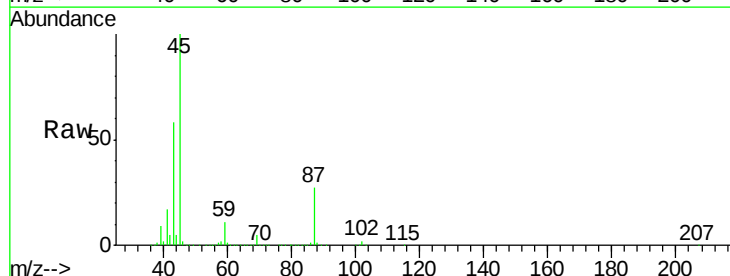
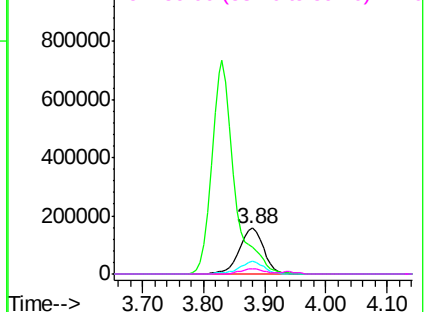
45 100

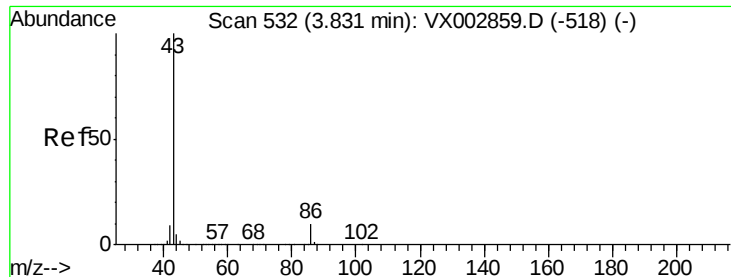
43 57.5 46.8 70.2

87 27.2 20.2 30.4

59 11.2 8.7 13.1

Abundance Ion 45.00 (44.70 to 45.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 87.00 (86.70 to 87.70): VX0
Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 223.01 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.00 min

Lab File: VX003187.D

Acq: 05 Jul 2018 21:54

Tot Ion: 43 Resp: 1896368

Ion Ratio Lower Upper

43 100

86 10.0 7.4 11.0

Instrument :

MSVOA_X

ClientSampleId :

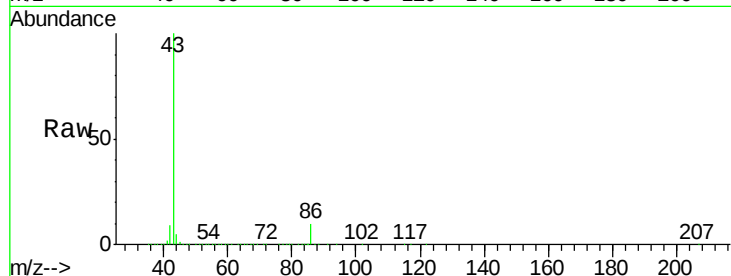
VSTDCCC050EC

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.83

800000

600000

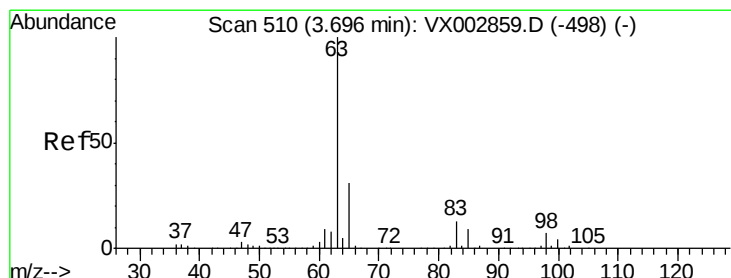
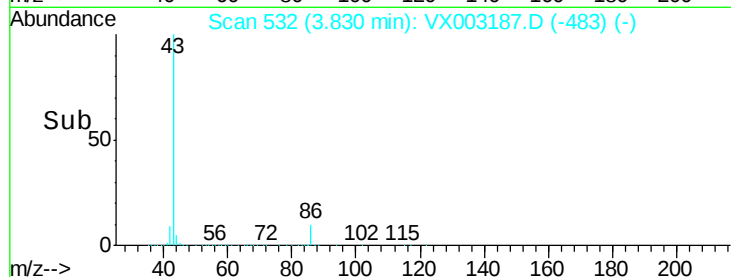
400000

200000

0

3.80 4.00

Time-->



#24

1,1-Dichloroethane

Concen: 44.05 ug/l

RT: 3.70 min Scan# 510

Delta R.T. -0.00 min

Lab File: VX003187.D

Acq: 05 Jul 2018 21:54

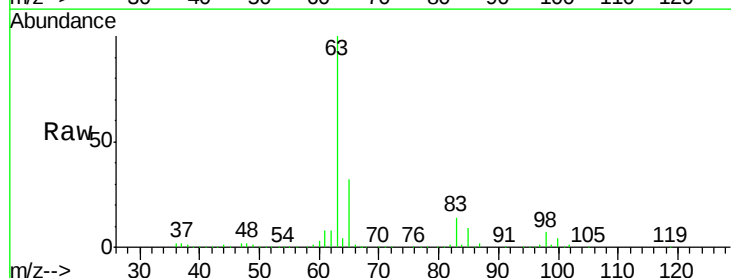
Tgt Ion: 63 Resp: 240455

Ion Ratio Lower Upper

63 100

98 6.5 3.4 10.2

100 4.1 2.0 6.0



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

3.70

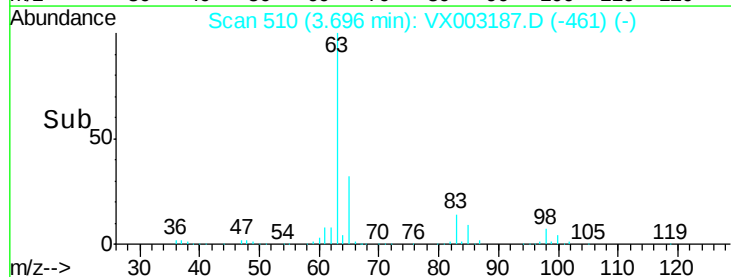
100000

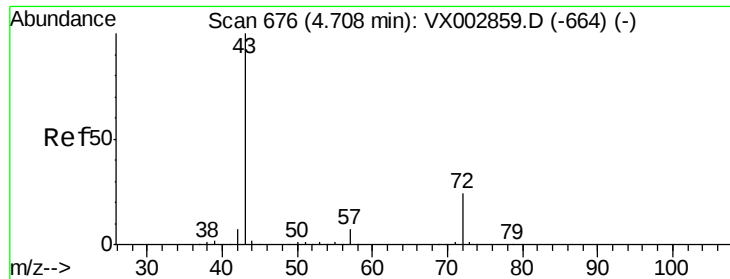
50000

0

3.60 3.70 3.80

Time-->





#25

2-Butanone

Concen: 239.61 ug/l

RT: 4.72 min Scan# 678

Delta R.T. 0.01 min

Lab File: VX003187.D

Acq: 05 Jul 2018 21:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 550069

Ion Ratio Lower Upper

43 100

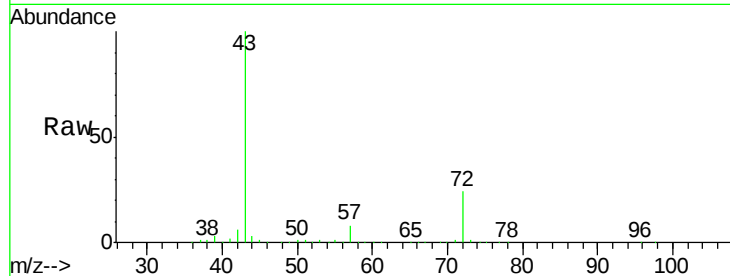
72 24.4 18.5 27.7

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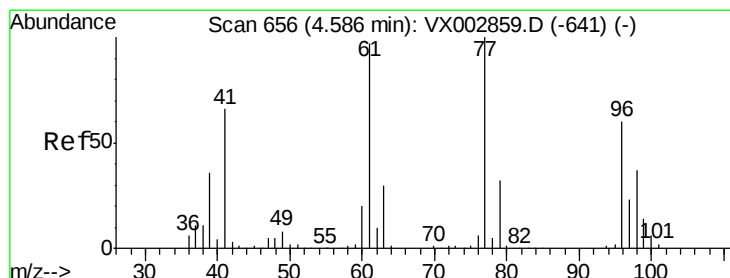
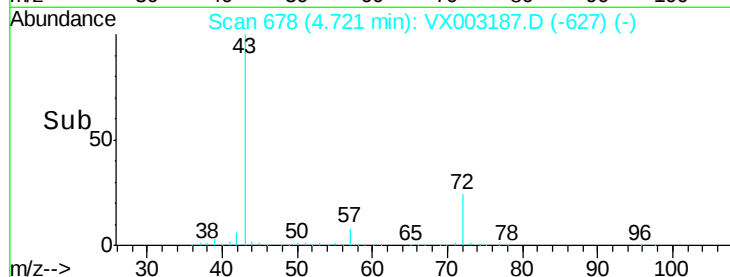
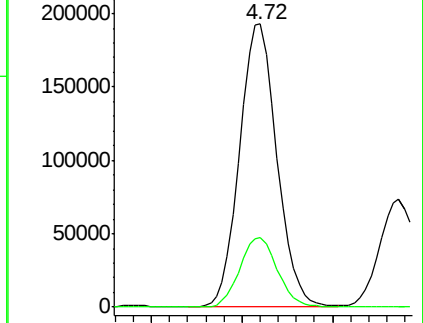
sam

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 31.74 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX003187.D

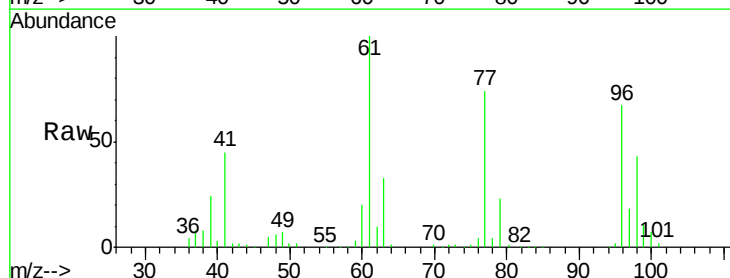
Acq: 05 Jul 2018 21:54

Tgt Ion: 77 Resp: 140877

Ion Ratio Lower Upper

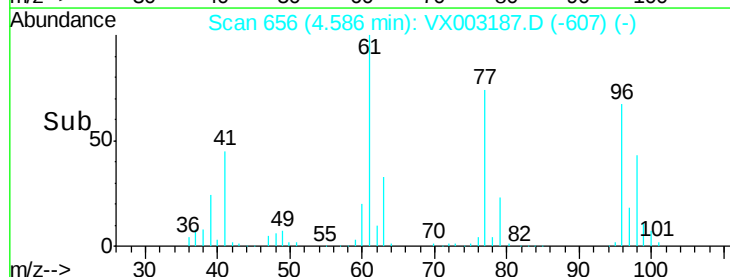
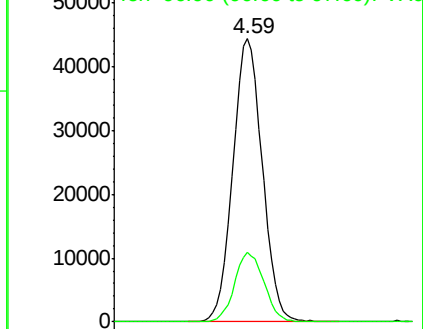
77 100

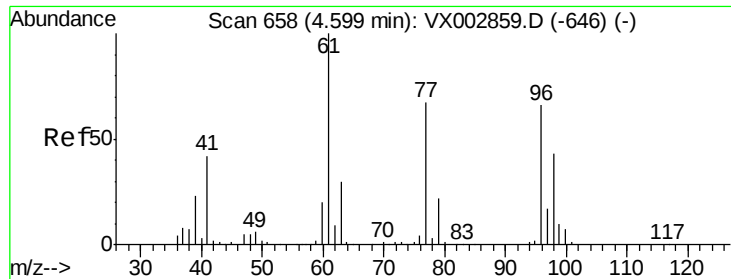
97 24.5 11.2 33.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

cis-1,2-Dichloroethene

Concen: 46.47 ug/l

RT: 4.60 min Scan# 658

Delta R.T. -0.00 min

Lab File: VX003187.D

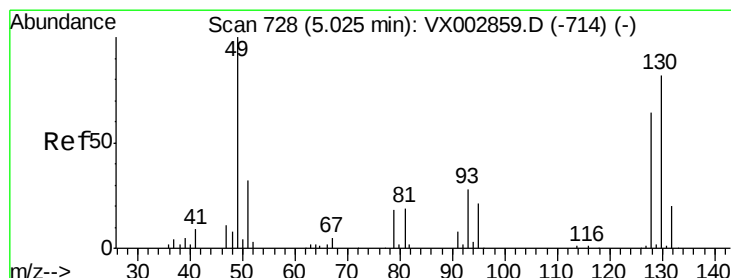
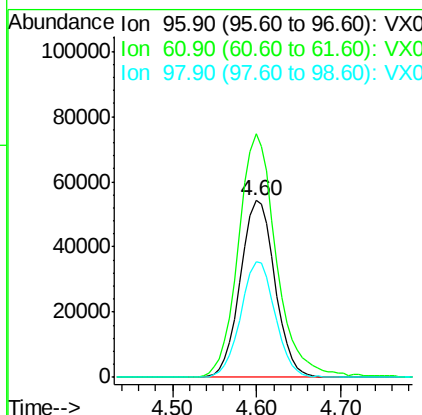
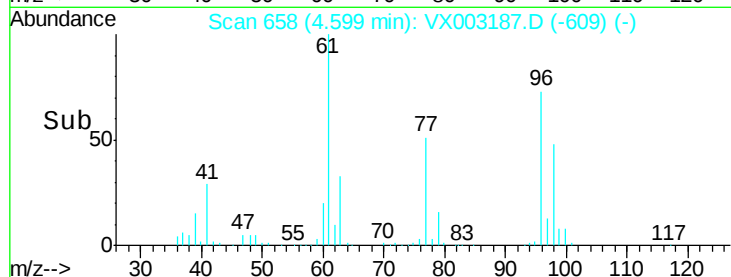
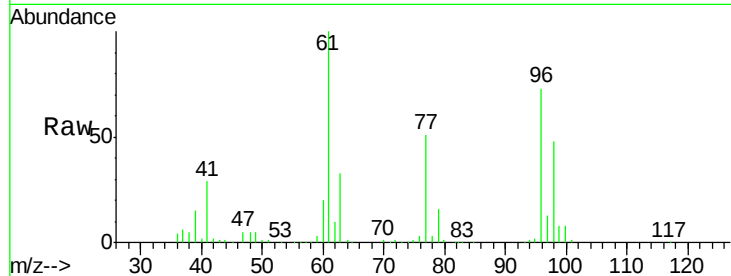
Acq: 05 Jul 2018 21:54

Tot Ion:	96	Resp:	151232
Ion	Ratio	Lower	Upper
96	100		
61	152.2	0.0	330.2
98	64.9	0.0	130.2

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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#28

Bromochloromethane

Concen: 47.81 ug/l

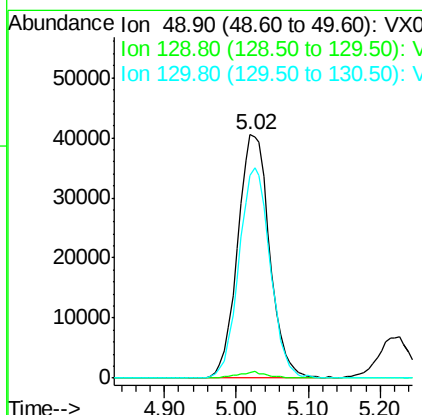
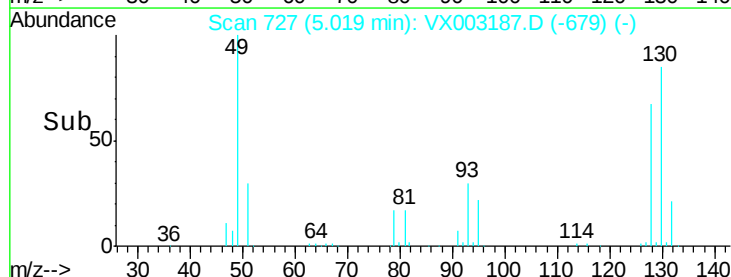
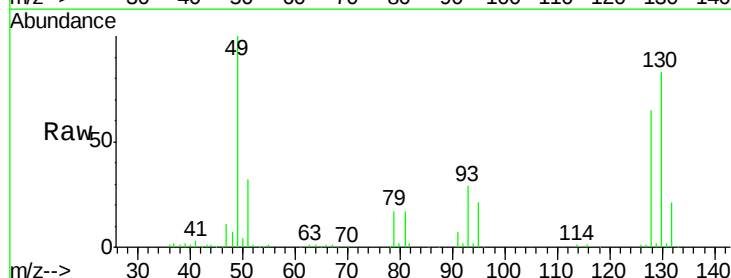
RT: 5.02 min Scan# 727

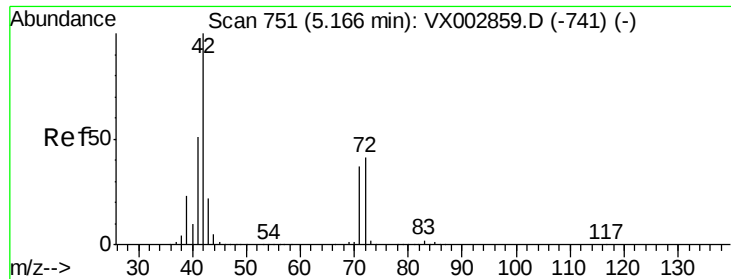
Delta R.T. -0.01 min

Lab File: VX003187.D

Acq: 05 Jul 2018 21:54

Tgt Ion:	49	Resp:	124916
Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	4.2
130	84.4	61.2	91.8





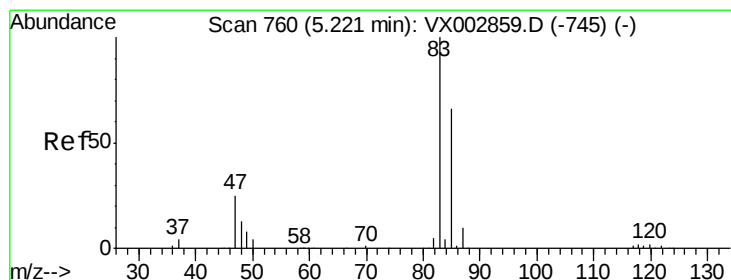
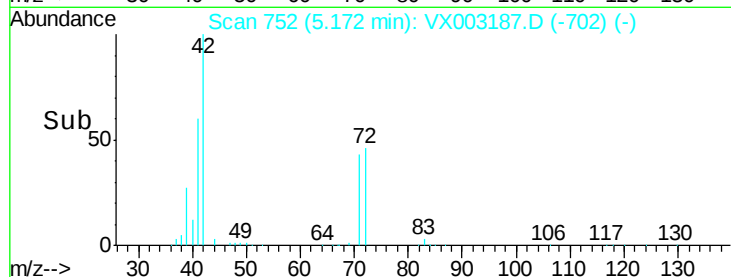
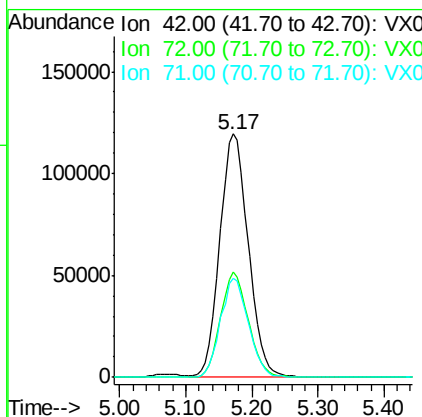
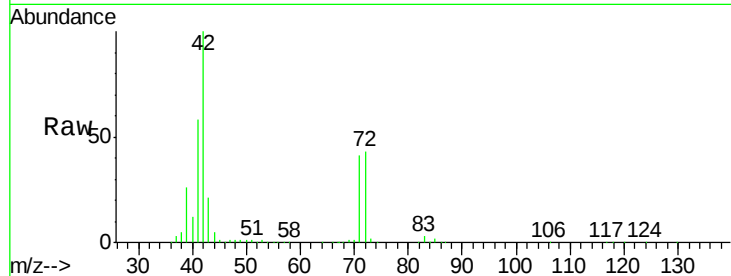
#29
Tetrahydrofuran
Concen: 241.05 ug/l
RT: 5.17 min Scan# 752
Delta R.T. 0.01 min
Lab File: VX003187.D
Acq: 05 Jul 2018 21:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	42.7	32.0	48.0
71	40.1	30.1	45.1

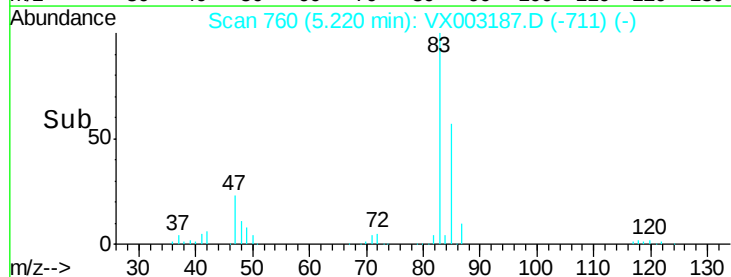
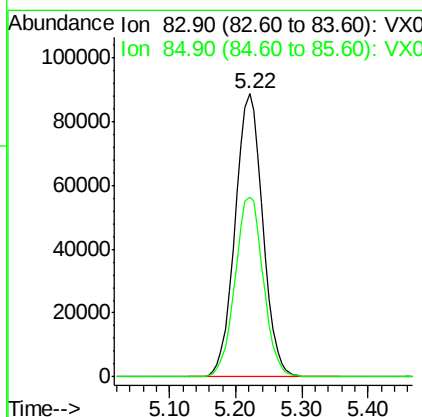
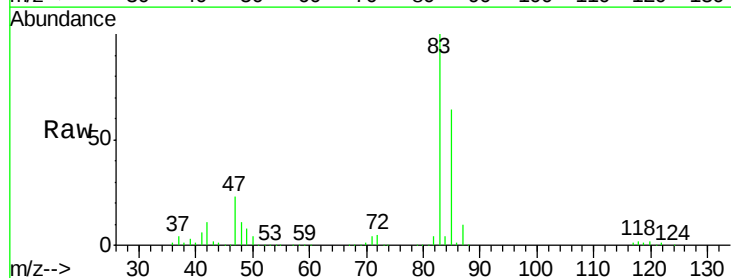
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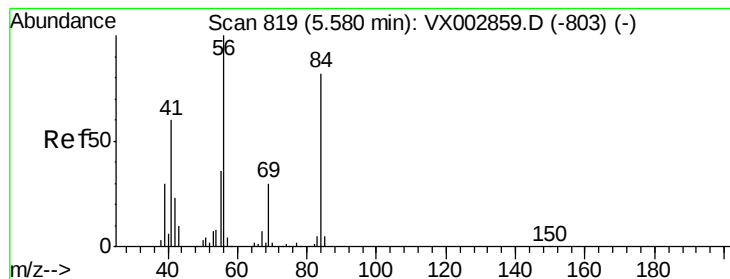
sam
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#30
Chloroform
Concen: 45.86 ug/l
RT: 5.22 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX003187.D
Acq: 05 Jul 2018 21:54

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.5	50.4	75.6





#31

Cyclohexane

Concen: 46.20 ug/l

RT: 5.57 min Scan# 818

Delta R.T. -0.01 min

Lab File: VX003187.D

Acq: 05 Jul 2018 21:54

Instrument :

MSVOA_X

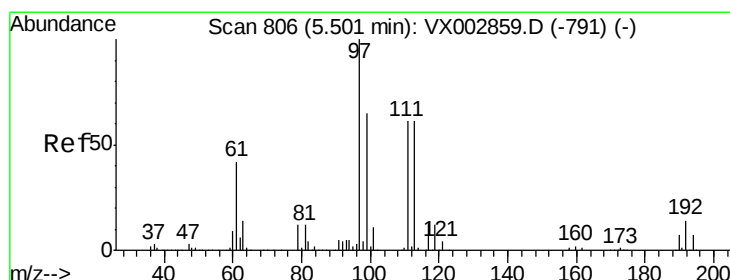
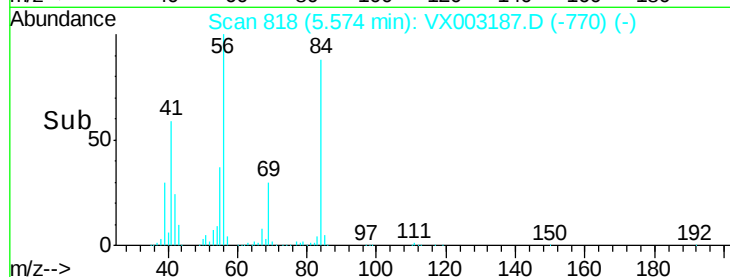
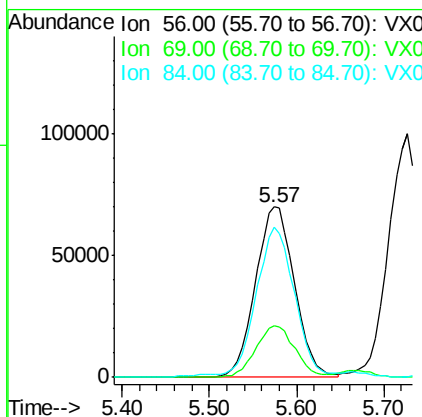
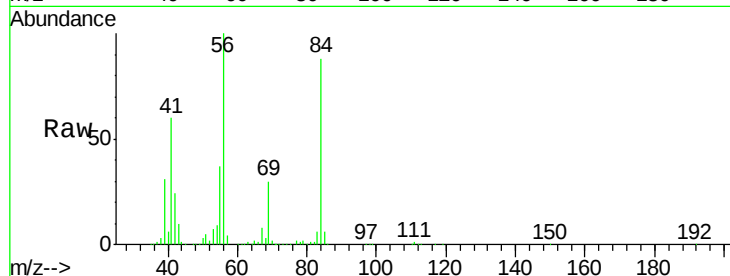
ClientSampleId :

VSTDCCC050EC

Tot Ion:	56	Resp:	216398
Ion	Ratio	Lower	Upper
56	100		
69	30.3	23.7	35.5
84	87.2	64.1	96.1

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 46.10 ug/l

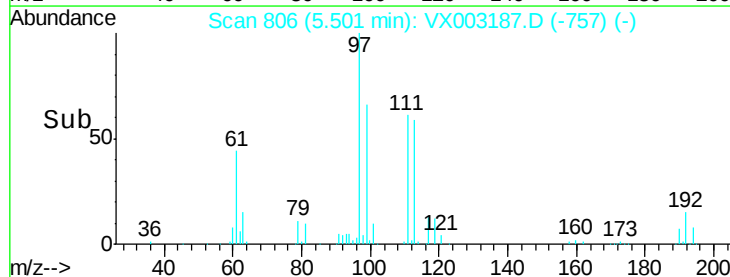
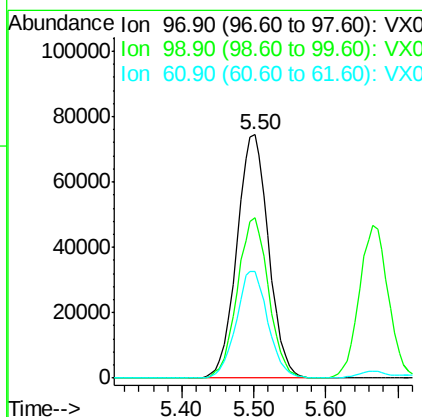
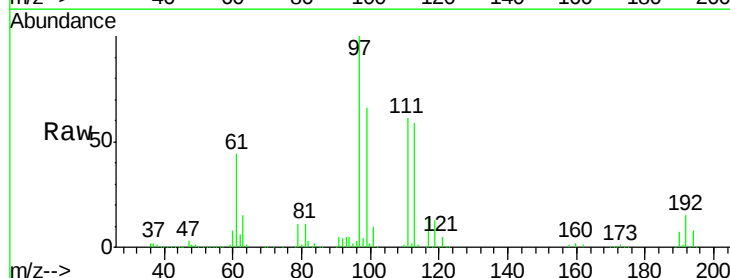
RT: 5.50 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX003187.D

Acq: 05 Jul 2018 21:54

Tgt Ion:	97	Resp:	227194
Ion	Ratio	Lower	Upper
97	100		
99	65.0	51.6	77.4
61	43.8	36.4	54.6





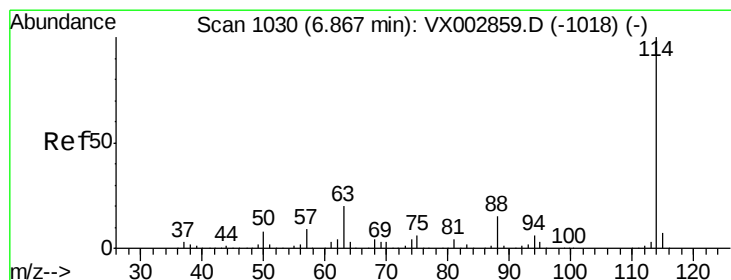
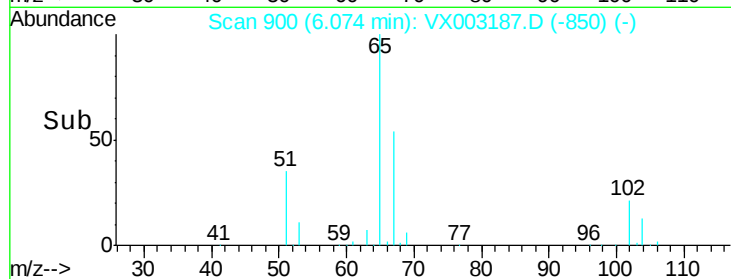
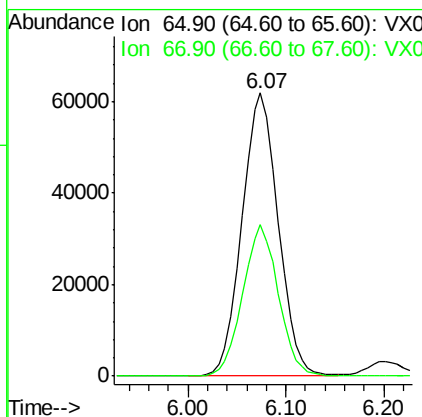
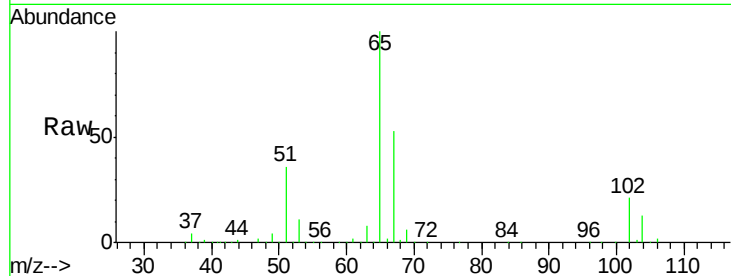
#33
 1,2-Dichloroethane-d4
 Concen: 42.50 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.01 min
 Lab File: VX003187.D
 Acq: 05 Jul 2018 21:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
65	100		
67	52.7	0.0	102.6

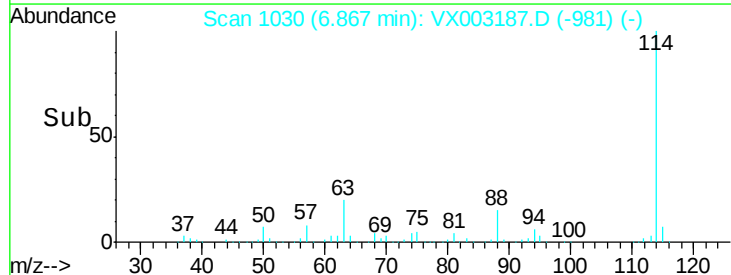
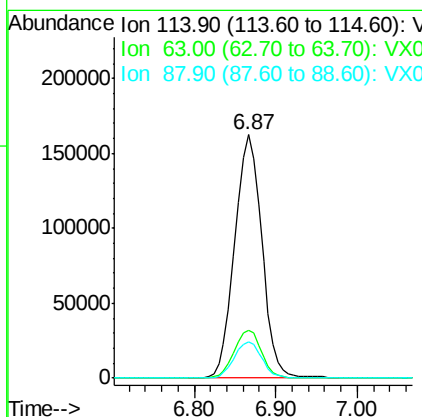
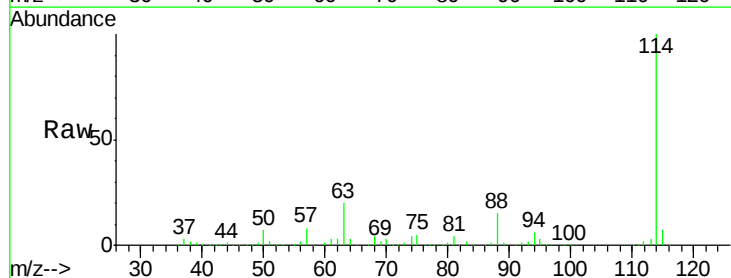
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX003187.D
 Acq: 05 Jul 2018 21:54

Tgt Ion	Ratio	Lower	Upper
114	100		
63	19.9	0.0	41.4
88	15.0	0.0	30.0





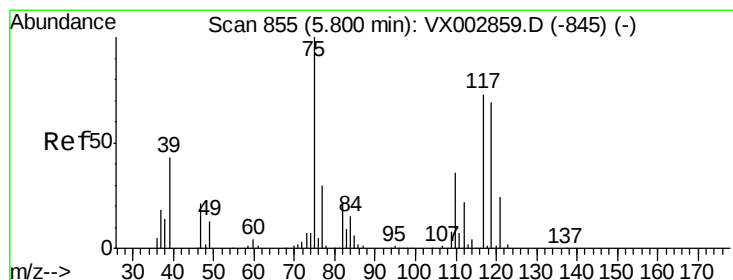
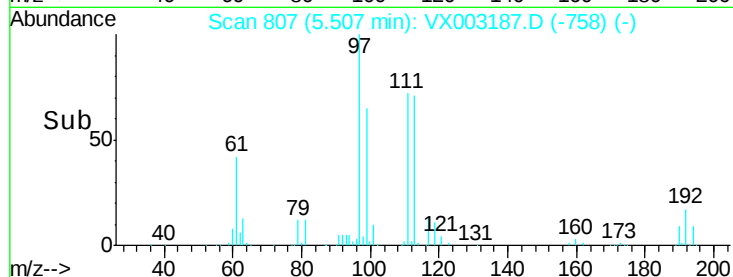
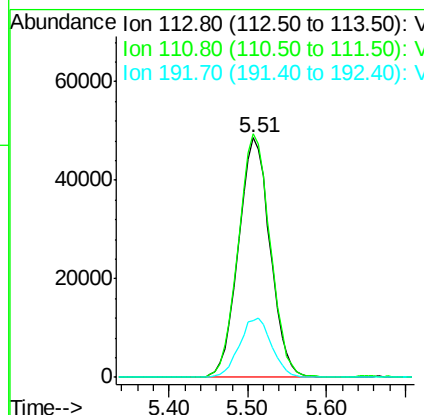
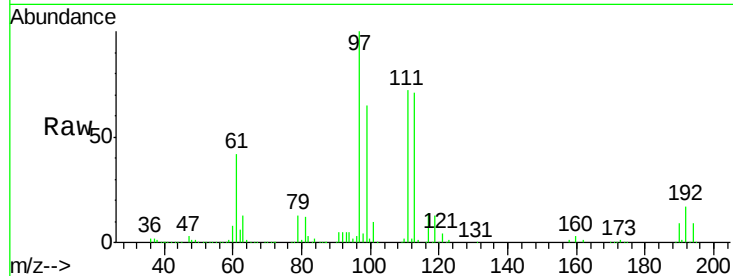
#35
 Dibromofluoromethane
 Concen: 45.80 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. -0.00 min
 Lab File: VX003187.D
 Acq: 05 Jul 2018 21:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
113	100	135806		
111	102.6	81.4	122.0	
192	25.1	19.1	28.7	

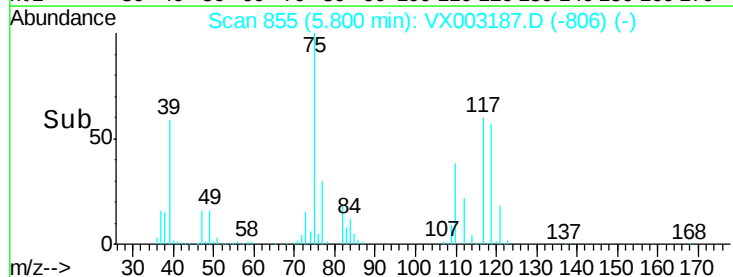
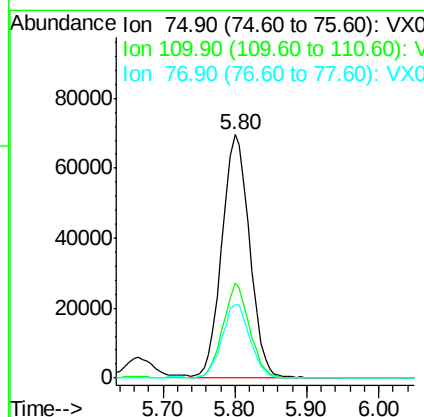
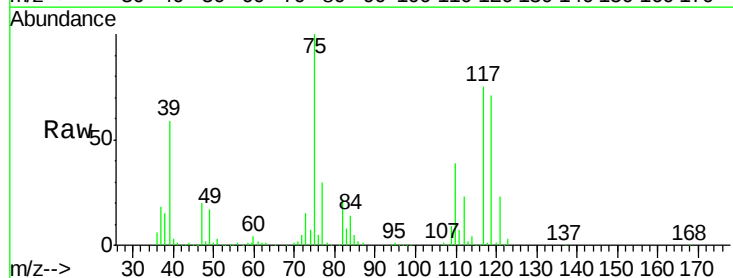
Manual Integrations
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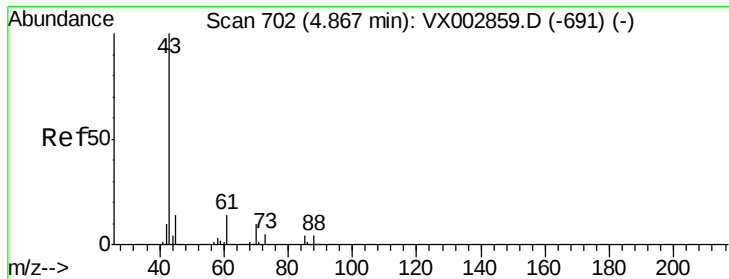
sam
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#36
 1,1-Dichloropropene
 Concen: 45.37 ug/l
 RT: 5.80 min Scan# 855
 Delta R.T. -0.00 min
 Lab File: VX003187.D
 Acq: 05 Jul 2018 21:54

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	186293		
110	37.5	18.1	54.4	
77	30.3	24.3	36.5	





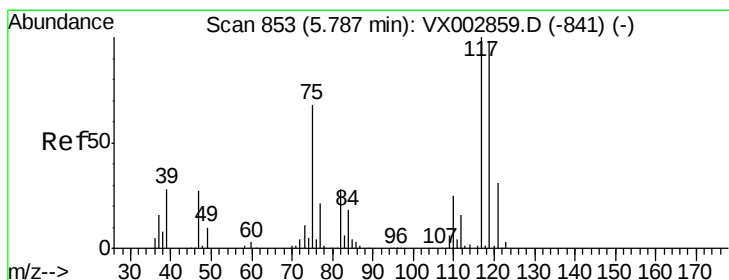
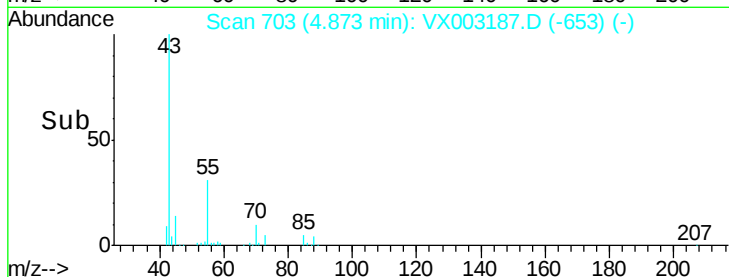
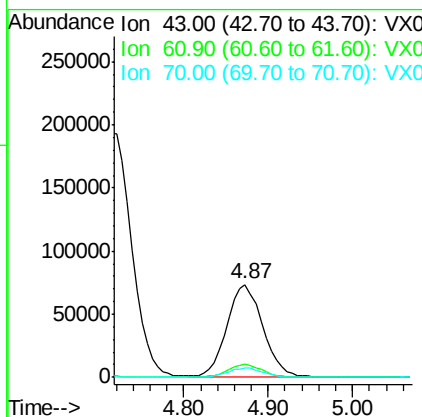
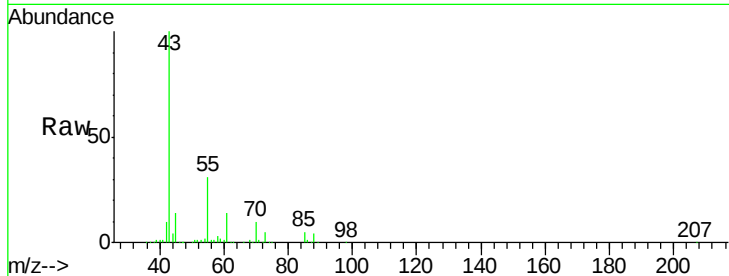
#37
Ethyl Acetate
Concen: 48.20 ug/l
RT: 4.87 min Scan# 703
Delta R.T. 0.01 min
Lab File: VX003187.D
Acq: 05 Jul 2018 21:54

Instrument :
MSVOA_X
ClientSampleID :
VSTDCCC050EC

Tot Ion:	43	Resp:	213094
Ion	Ratio	Lower	Upper
43	100		
61	13.3	10.4	15.6
70	10.2	7.6	11.4

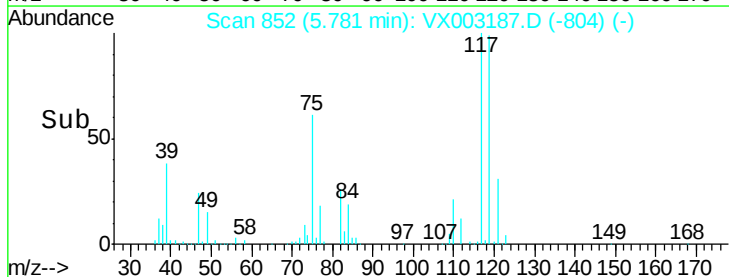
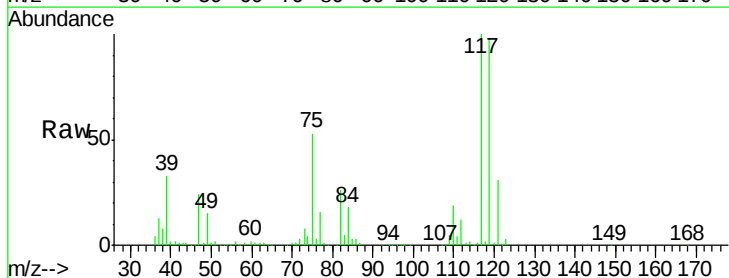
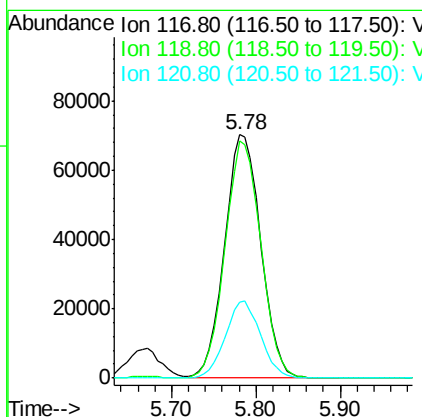
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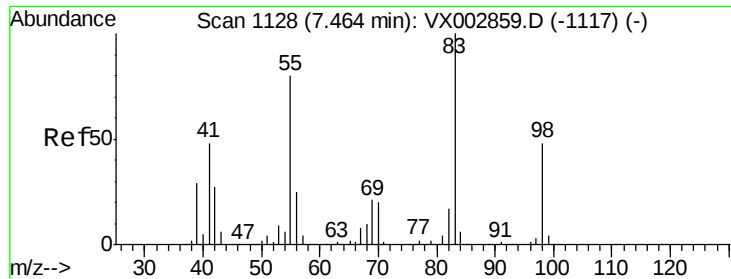
sam
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#38
Carbon Tetrachloride
Concen: 45.53 ug/l
RT: 5.78 min Scan# 852
Delta R.T. -0.01 min
Lab File: VX003187.D
Acq: 05 Jul 2018 21:54

Tgt Ion:	117	Resp:	205136
Ion	Ratio	Lower	Upper
117	100		
119	97.6	77.4	116.0
121	31.1	24.4	36.6





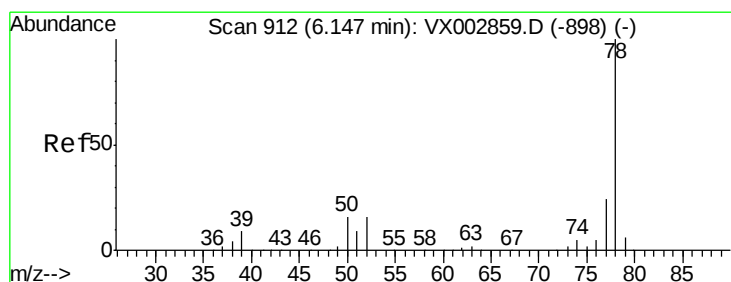
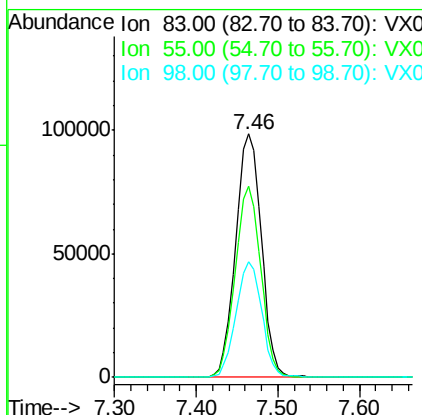
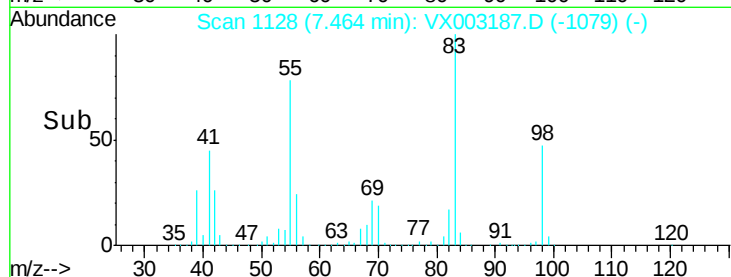
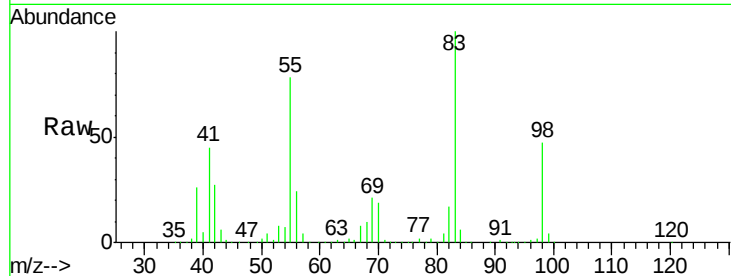
#39
Methvlcvclohexane
Concen: 44.79 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX003187.D
Acq: 05 Jul 2018 21:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
83	100	214216		
55	78.3	65.4	98.0	
98	47.3	37.4	56.0	

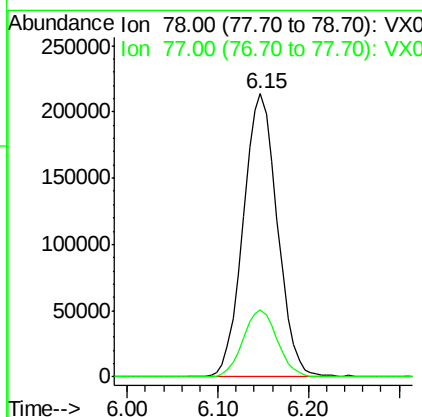
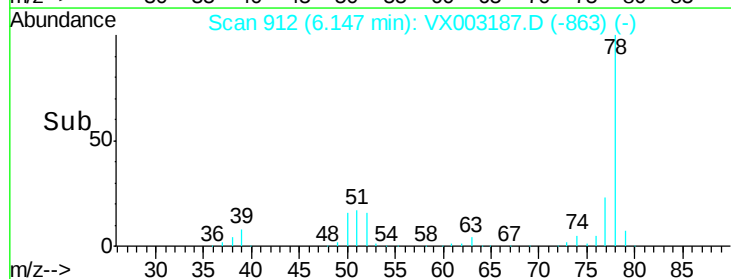
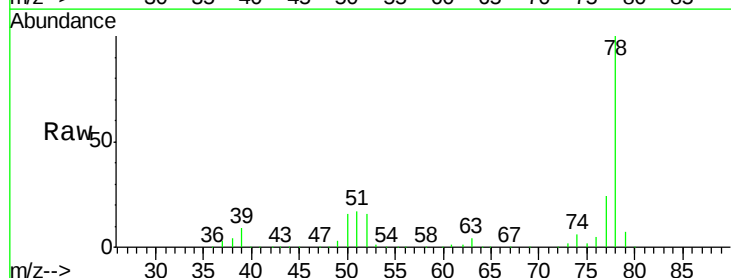
Manual Integrations
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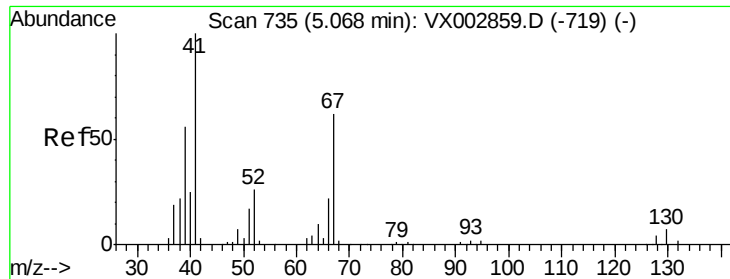
sam
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#40
Benzene
Concen: 46.61 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX003187.D
Acq: 05 Jul 2018 21:54

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	556136		
77	23.8	19.1	28.7	





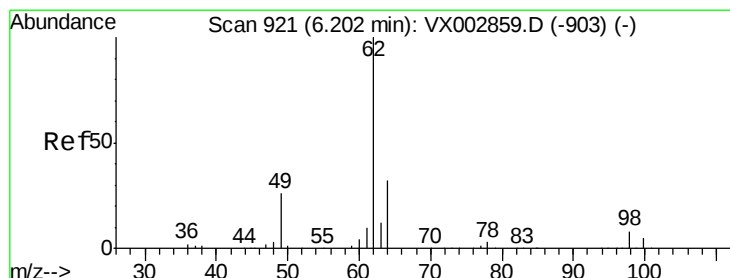
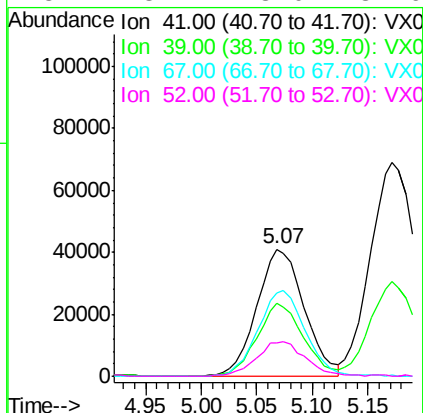
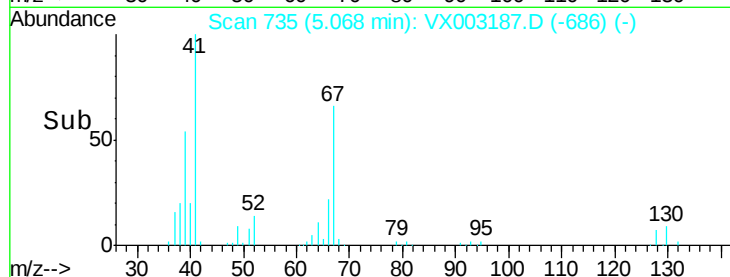
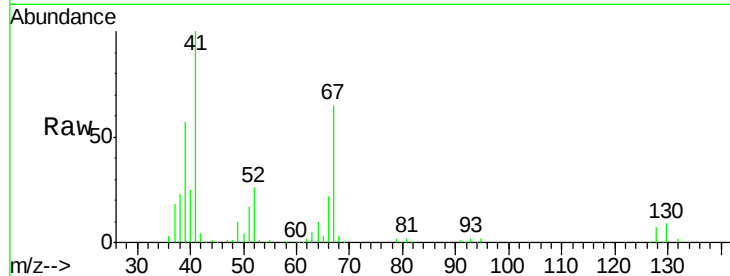
#41
Methacrylonitrile
Concen: 47.34 ug/l
RT: 5.07 min Scan# 735
Delta R.T. -0.00 min
Lab File: VX003187.D
Acq: 05 Jul 2018 21:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	55.9	45.8	68.6	
67	68.0	51.3	76.9	
52	28.1	23.0	34.6	

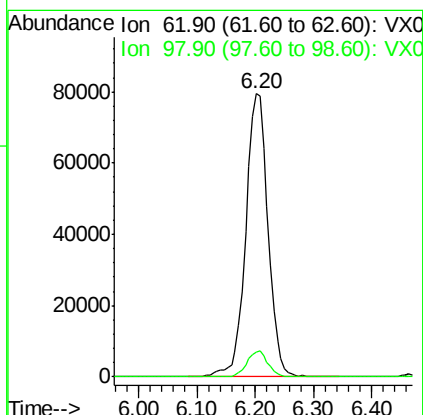
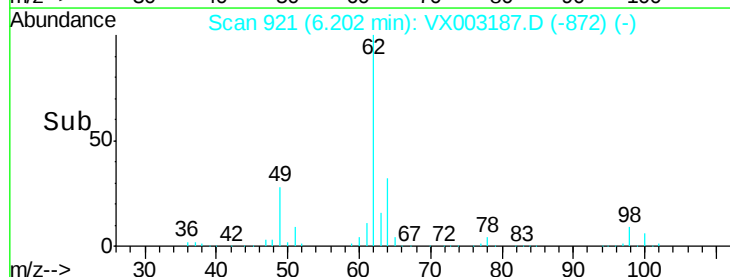
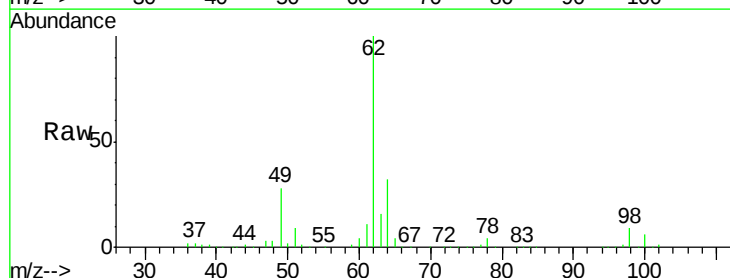
Manual Integrations
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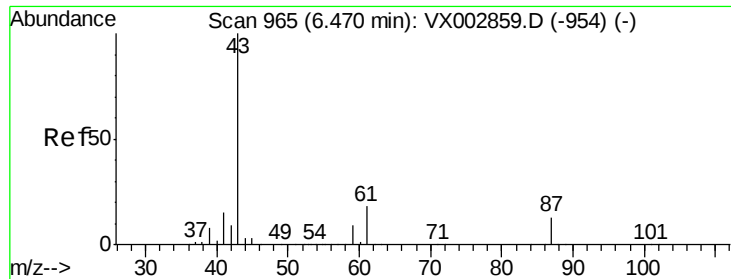
sam
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#42
1,2-Dichloroethane
Concen: 43.37 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.00 min
Lab File: VX003187.D
Acq: 05 Jul 2018 21:54

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.7	0.0	16.6	





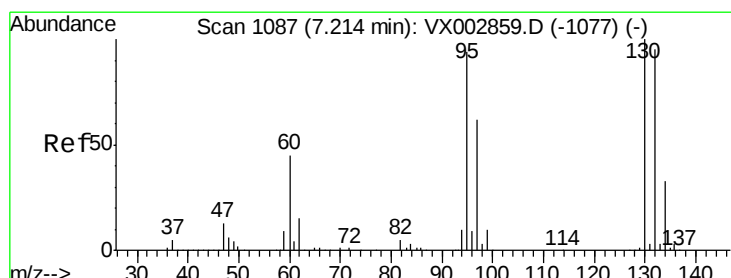
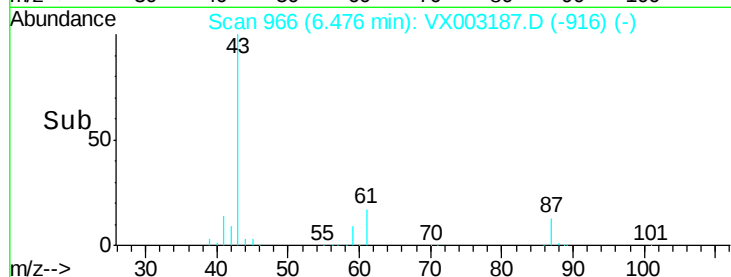
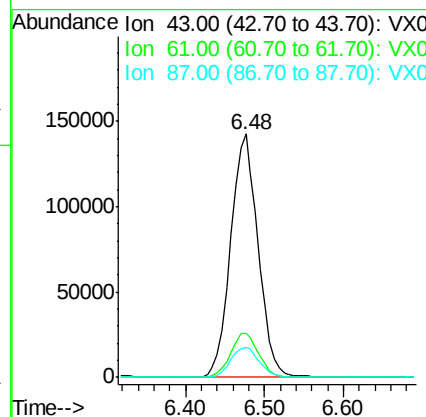
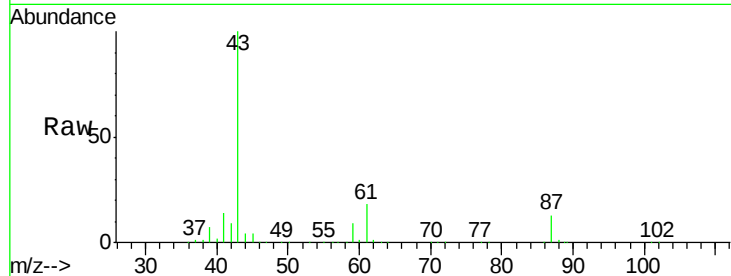
#43
Isopropyl Acetate
Concen: 46.37 ug/l
RT: 6.48 min Scan# 966
Delta R.T. 0.01 min
Lab File: VX003187.D
Acq: 05 Jul 2018 21:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	18.6	14.4	21.6
87	12.9	9.5	14.3

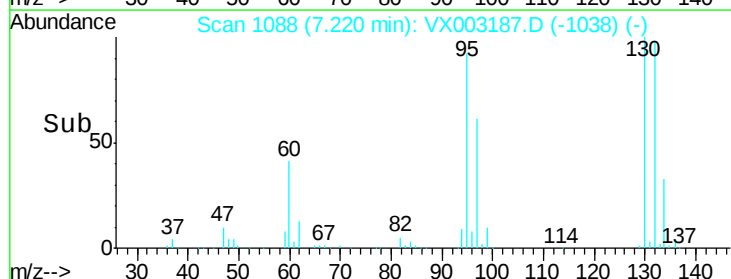
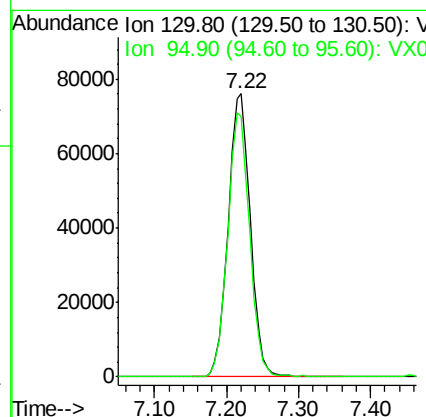
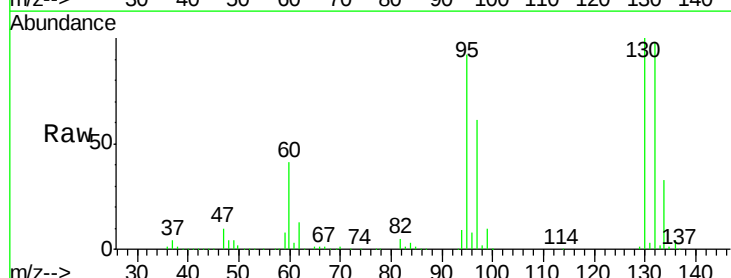
Manual Integrations
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sam
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#44
Trichloroethene
Concen: 45.99 ug/l
RT: 7.22 min Scan# 1088
Delta R.T. 0.01 min
Lab File: VX003187.D
Acq: 05 Jul 2018 21:54

Tgt Ion	Ratio	Lower	Upper
130	100		
95	92.0	0.0	185.4





#45

1,2-Dichloropropane

Concen: 46.20 ug/l

RT: 7.52 min Scan# 1137

Delta R.T. -0.00 min

Lab File: VX003187.D

Acq: 05 Jul 2018 21:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 63 Resp: 146217

Ion Ratio Lower Upper

63 100

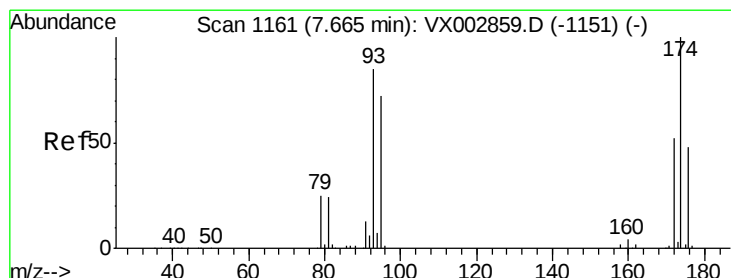
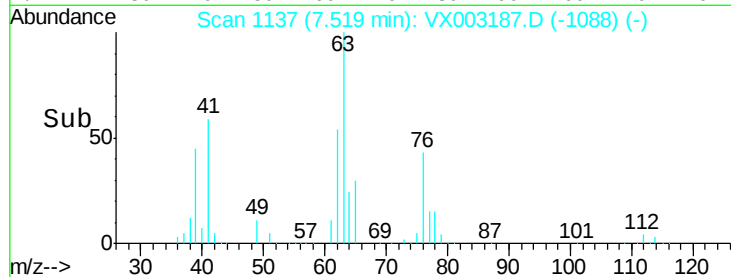
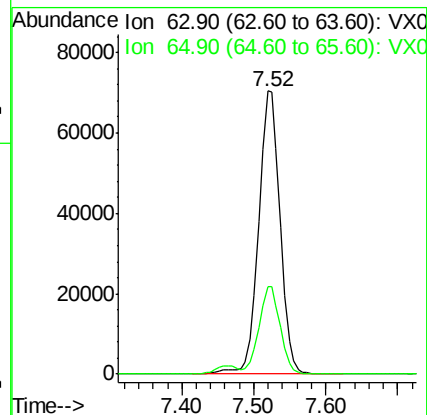
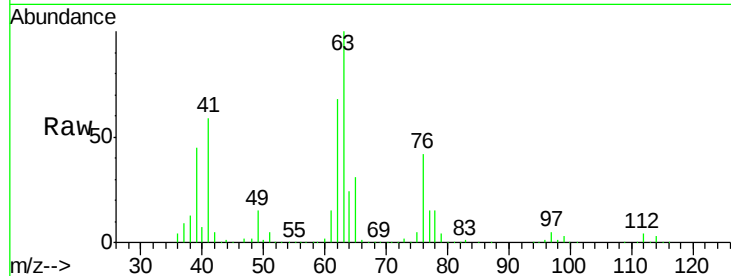
65 30.8 24.7 37.1

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#46

Dibromomethane

Concen: 45.49 ug/l

RT: 7.67 min Scan# 1161

Delta R.T. -0.00 min

Lab File: VX003187.D

Acq: 05 Jul 2018 21:54

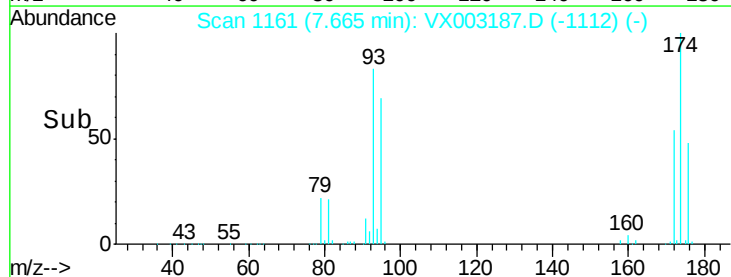
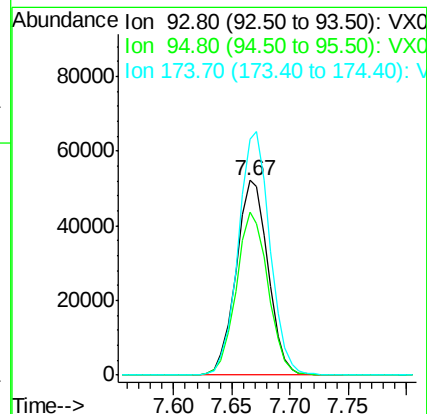
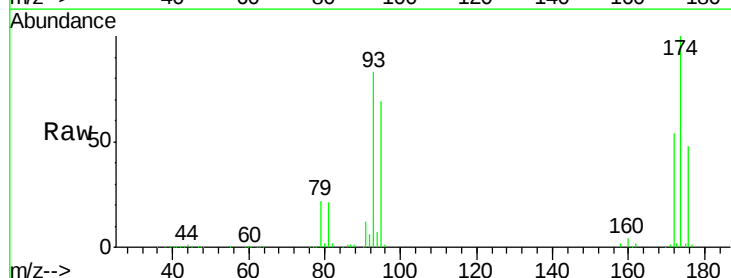
Tgt Ion: 93 Resp: 99917

Ion Ratio Lower Upper

93 100

95 83.4 65.9 98.9

174 124.2 92.4 138.6





#47

Bromodichloromethane

Concen: 46.93 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX003187.D

Acq: 05 Jul 2018 21:54

Instrument :

MSVOA_X

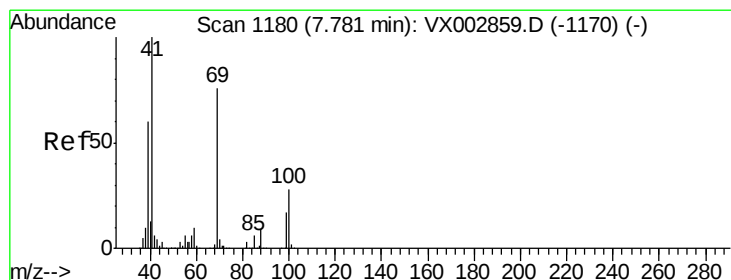
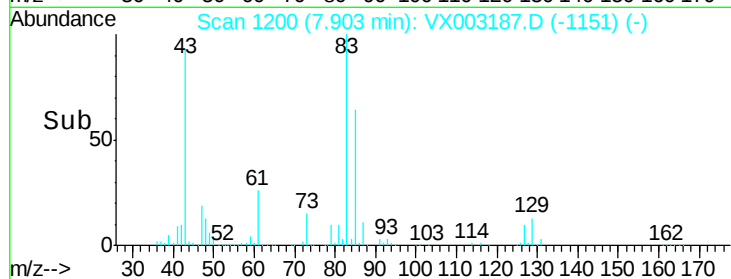
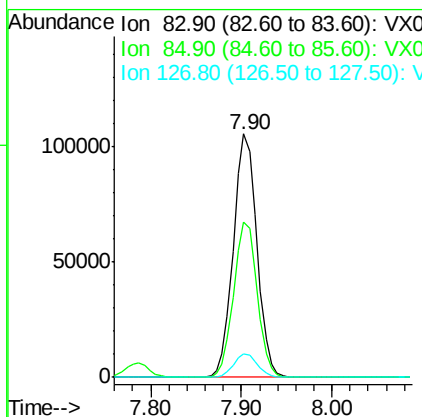
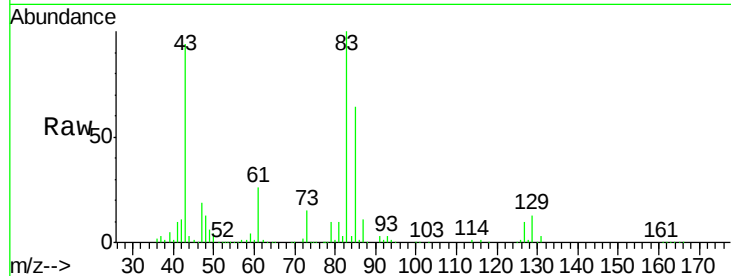
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	190530
Ion Ratio	Lower	Upper	
83	100		
85	63.6	50.3	75.5
127	9.8	7.0	10.4

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#48

Methyl methacrylate

Concen: 46.59 ug/l

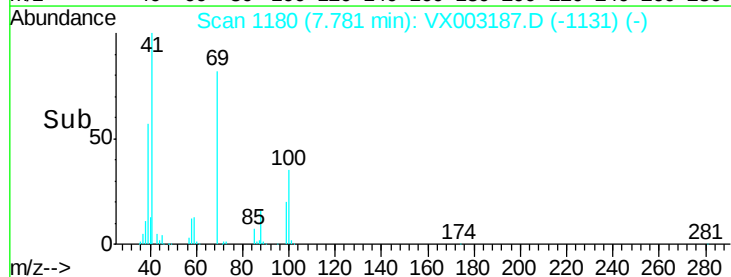
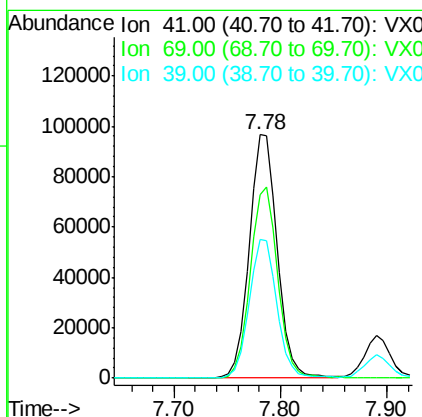
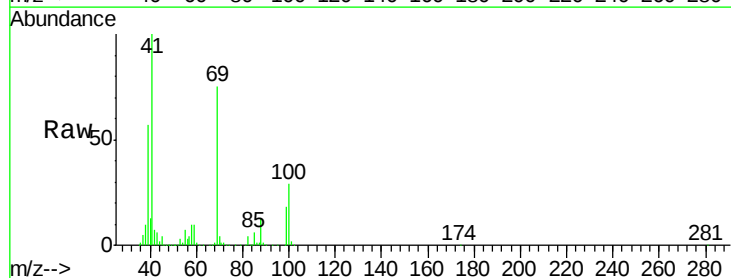
RT: 7.78 min Scan# 1180

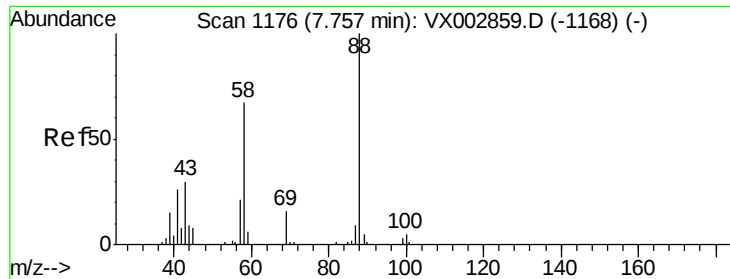
Delta R.T. -0.00 min

Lab File: VX003187.D

Acq: 05 Jul 2018 21:54

Tgt Ion:	41	Resp:	177996
Ion Ratio	Lower	Upper	
41	100		
69	77.5	59.1	88.7
39	56.5	48.9	73.3





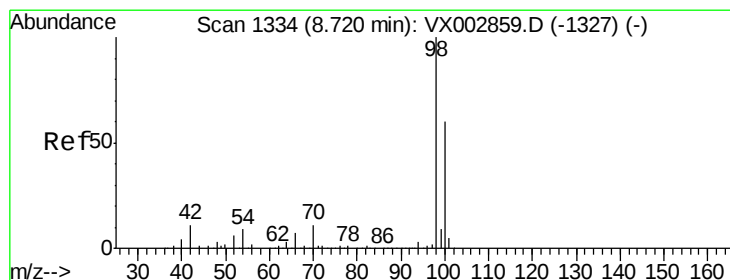
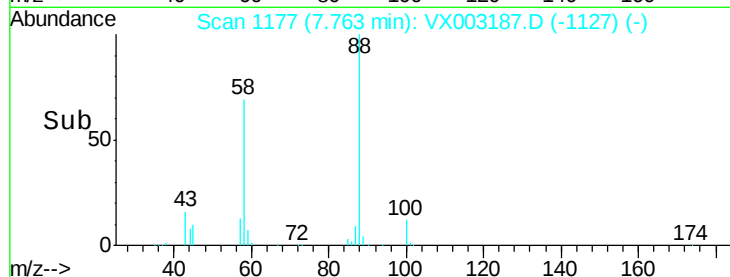
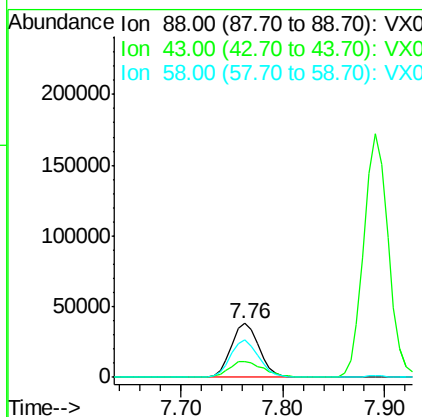
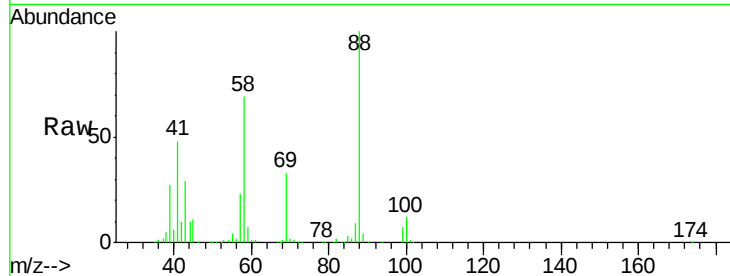
#49
1,4-Dioxane
Concen: 965.16 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. 0.01 min
Lab File: VX003187.D
Acq: 05 Jul 2018 21:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	36.8	29.8	44.6
58	69.9	57.1	85.7

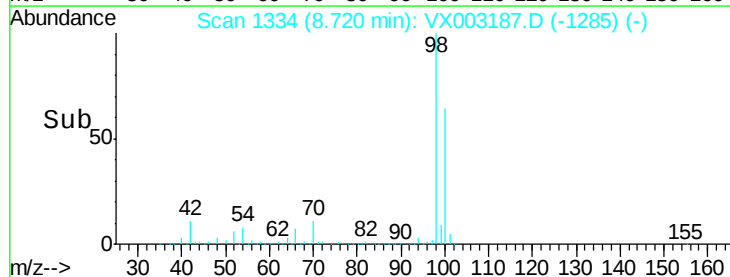
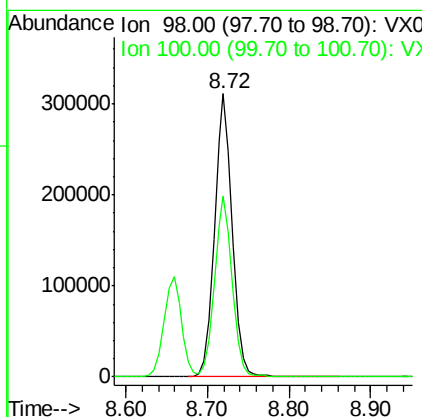
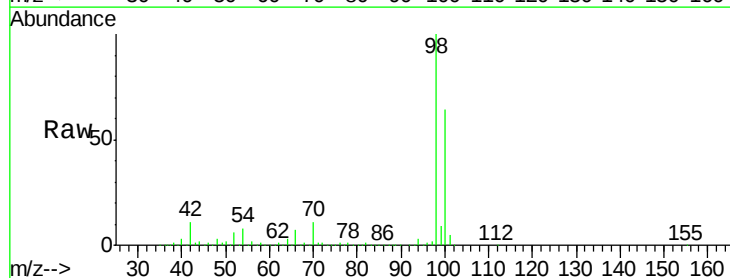
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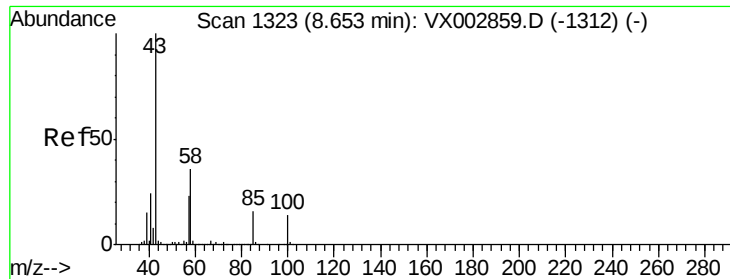
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#50
Toluene-d8
Concen: 43.60 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX003187.D
Acq: 05 Jul 2018 21:54

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.6	50.9	76.3





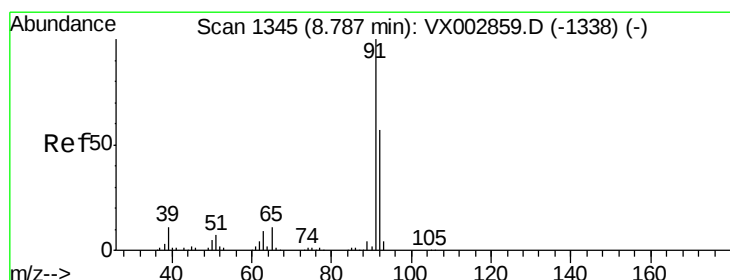
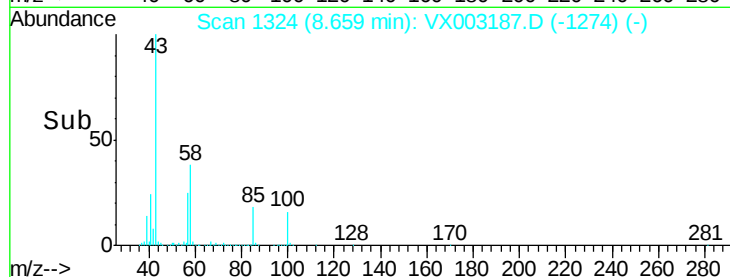
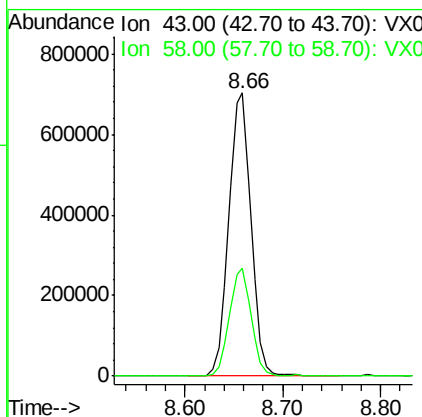
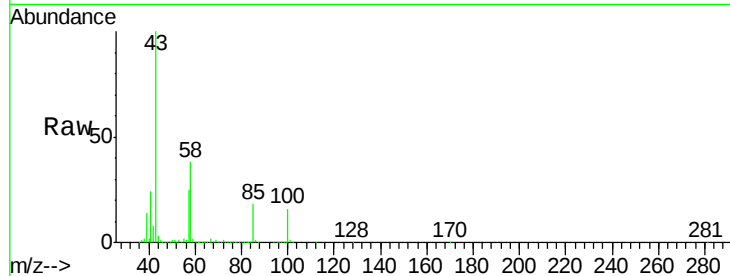
#51
4-Methyl-2-Pentanone
Concen: 238.66 ug/l
RT: 8.66 min Scan# 1324
Delta R.T. 0.01 min
Lab File: VX003187.D
Acq: 05 Jul 2018 21:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 1107160
Ion Ratio Lower Upper
43 100
58 37.5 28.6 42.8

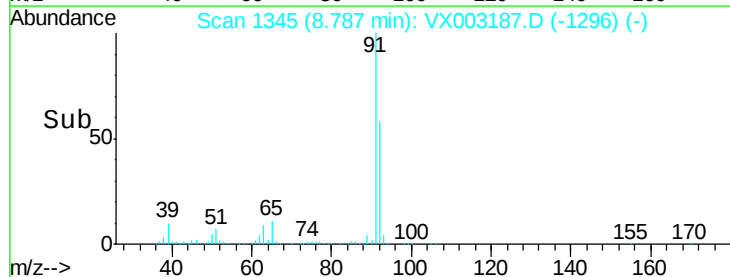
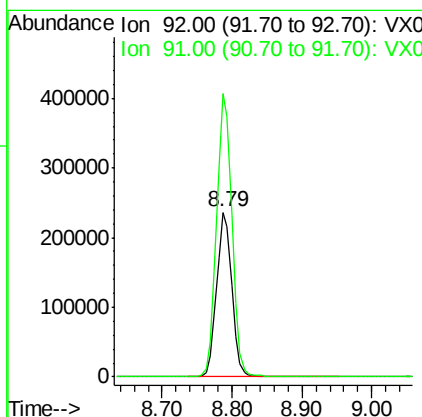
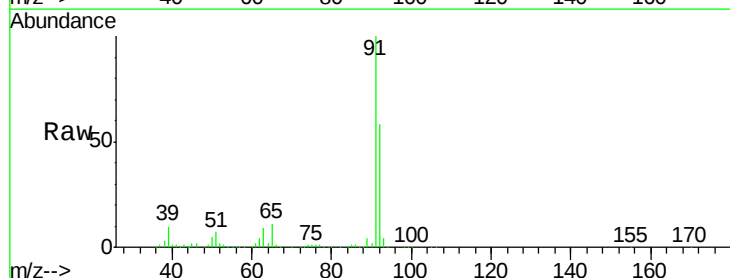
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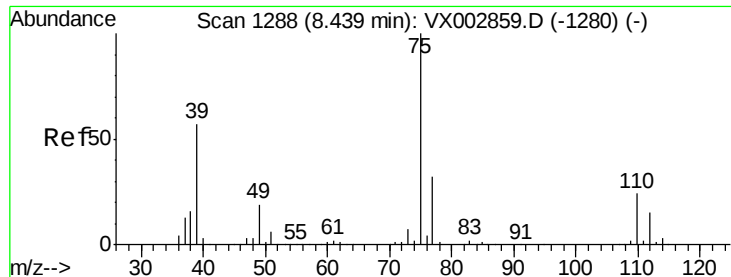
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#52
Toluene
Concen: 46.89 ug/l
RT: 8.79 min Scan# 1345
Delta R.T. -0.00 min
Lab File: VX003187.D
Acq: 05 Jul 2018 21:54

Tgt Ion: 92 Resp: 358350
Ion Ratio Lower Upper
92 100
91 174.2 140.4 210.6





#53

t-1,3-Dichloropropene

Concen: 46.77 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. -0.00 min

Lab File: VX003187.D

Acq: 05 Jul 2018 21:54

Tot Ion: 75 Resp: 215042

Ion Ratio Lower Upper

75 100

77 32.3 25.4 38.2

Instrument :

MSVOA_X

ClientSampleId :

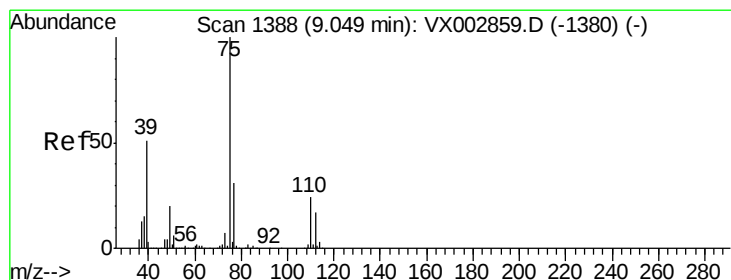
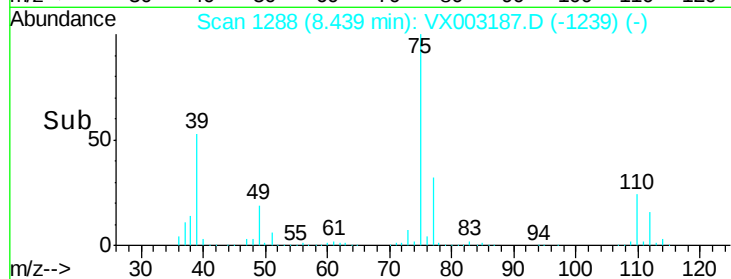
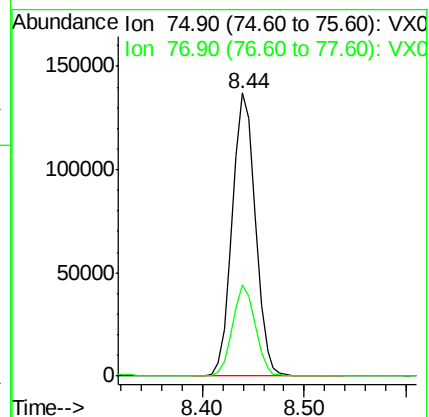
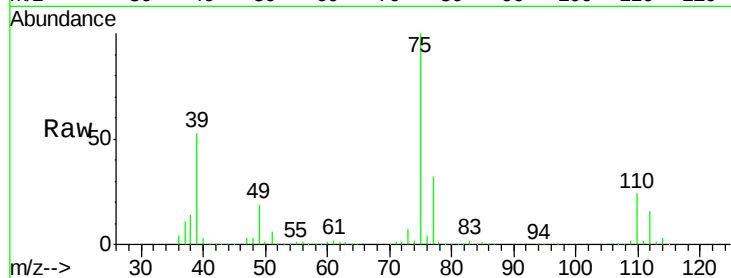
VSTDCCC050EC

Manual Integrations

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#54

cis-1,3-Dichloropropene

Concen: 44.63 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. -0.00 min

Lab File: VX003187.D

Acq: 05 Jul 2018 21:54

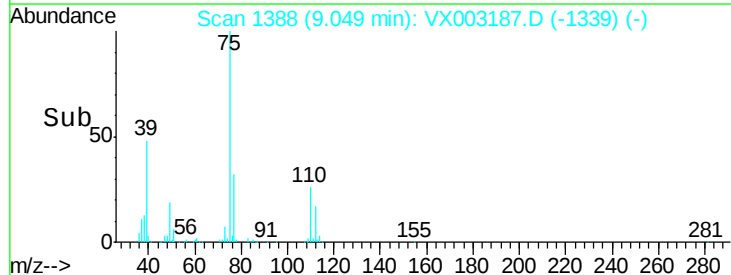
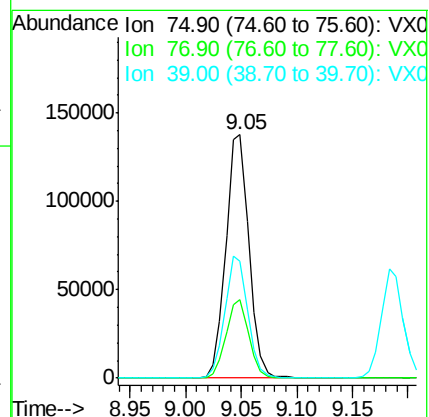
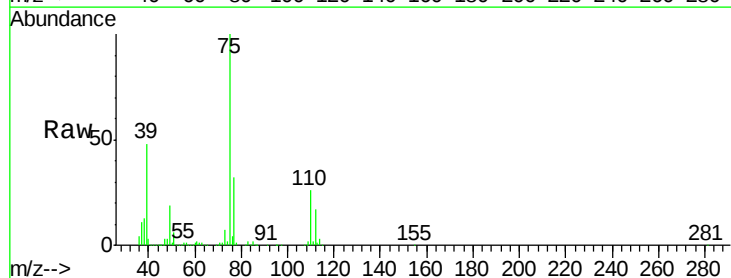
Tgt Ion: 75 Resp: 197448

Ion Ratio Lower Upper

75 100

77 32.0 24.8 37.2

39 47.7 42.4 63.6





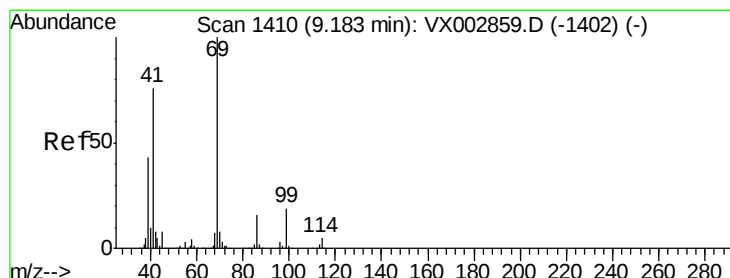
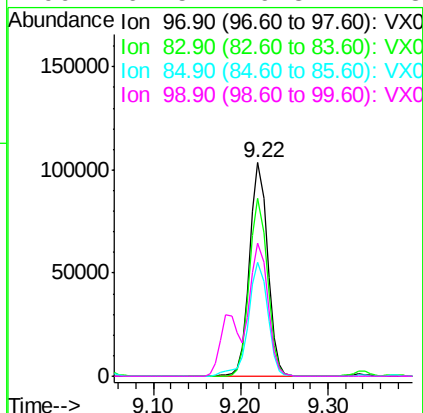
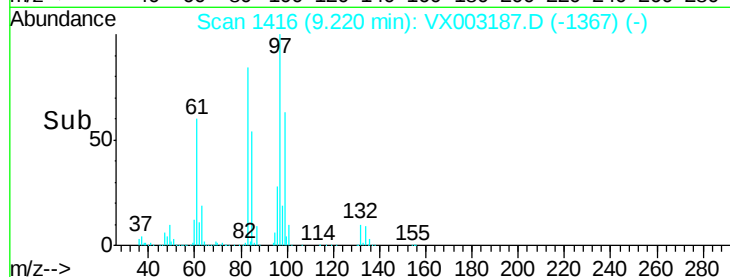
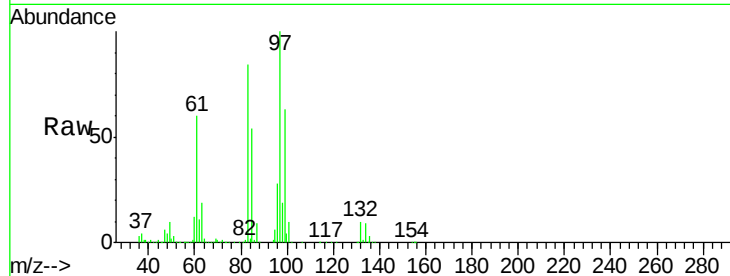
#55
 1,1,2-Trichloroethane
 Concen: 47.27 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX003187.D
 Acq: 05 Jul 2018 21:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		148445		
83	83.6	70.2	105.2		
85	53.6	44.9	67.3		
99	62.5	49.8	74.8		

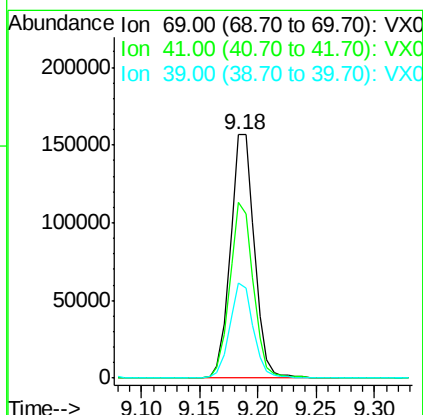
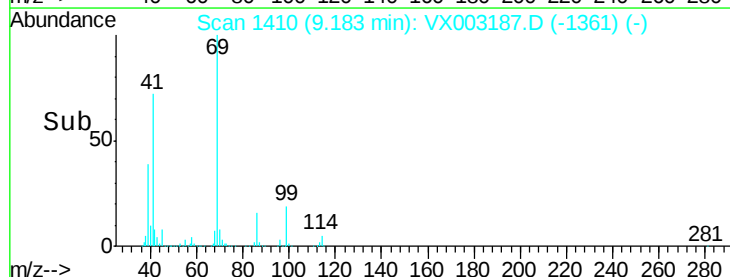
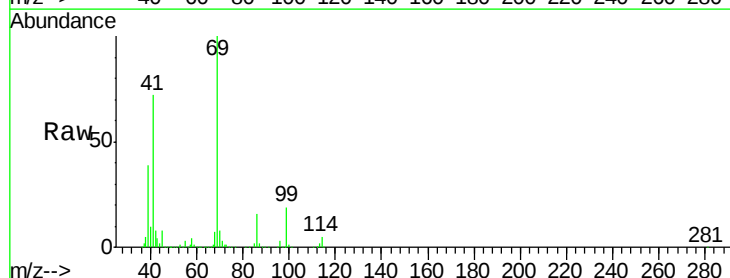
Manual Integrations
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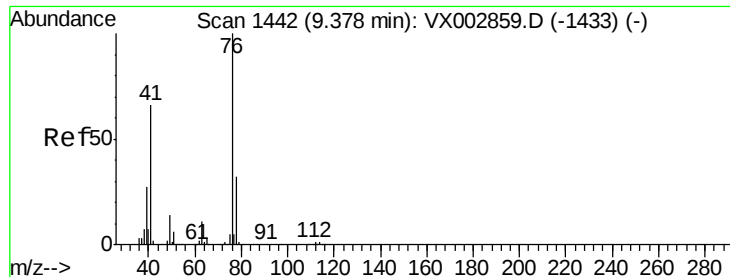
sam
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#56
 Ethyl methacrylate
 Concen: 49.12 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. -0.00 min
 Lab File: VX003187.D
 Acq: 05 Jul 2018 21:54

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		225444		
41	70.3	60.3	90.5		
39	38.3	35.8	53.8		





#57

1,3-Dichloropropane

Concen: 46.61 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VX003187.D

Acq: 05 Jul 2018 21:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 240409

Ion Ratio Lower Upper

76 100

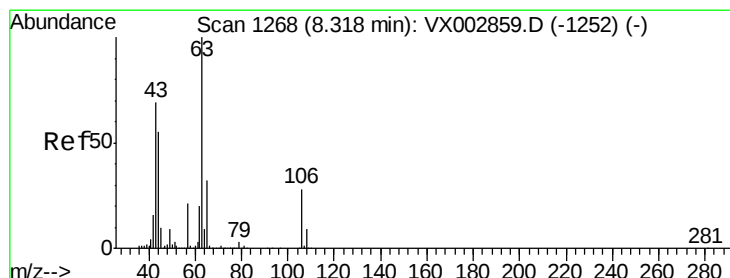
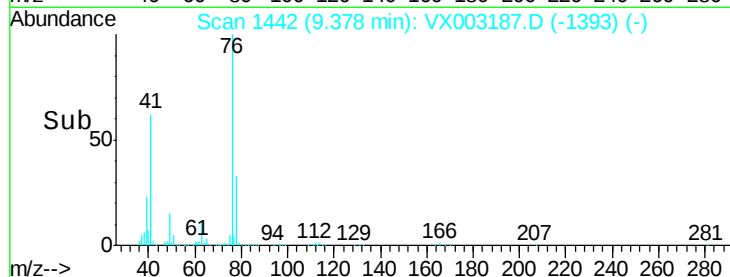
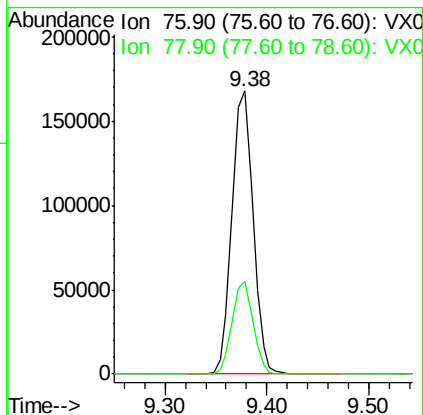
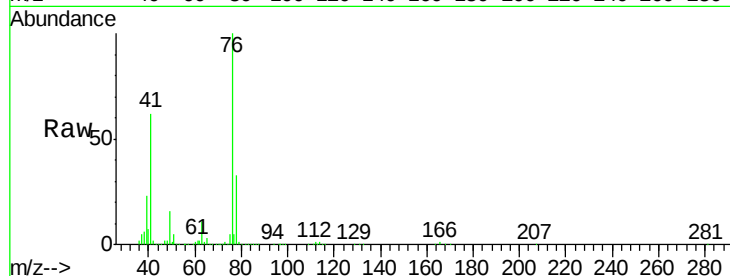
78 32.4 25.8 38.6

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#58

2-Chloroethyl Vinyl ether

Concen: 251.38 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. -0.00 min

Lab File: VX003187.D

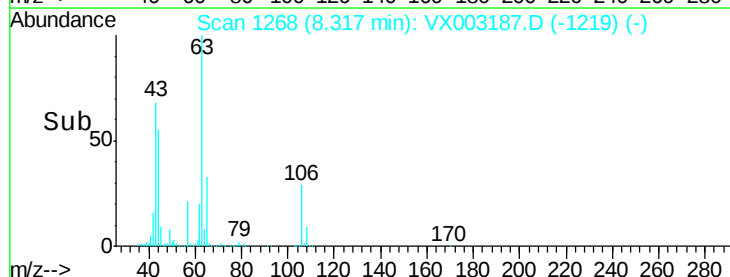
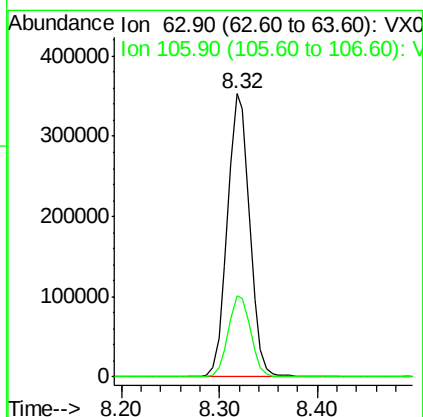
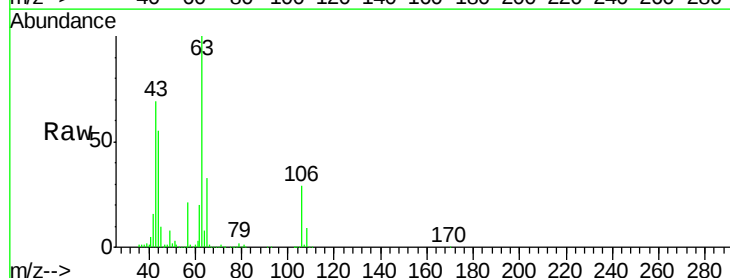
Acq: 05 Jul 2018 21:54

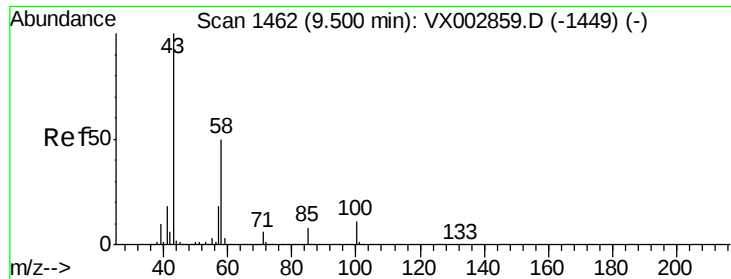
Tgt Ion: 63 Resp: 556655

Ion Ratio Lower Upper

63 100

106 28.8 21.8 32.8





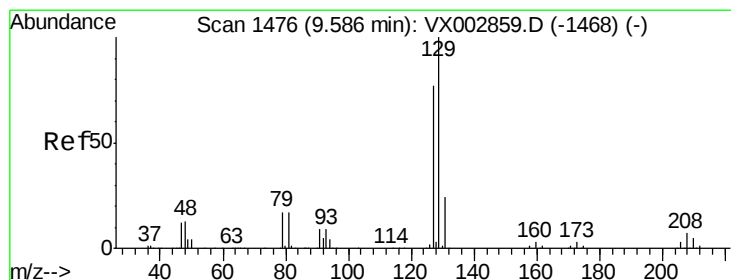
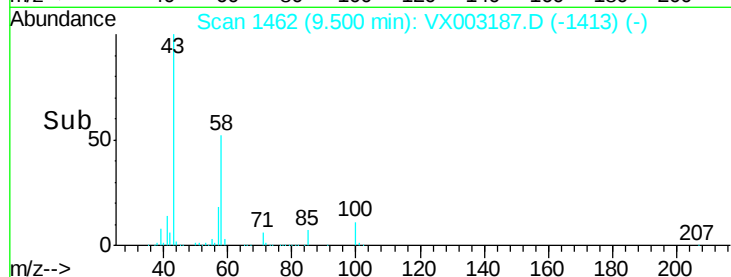
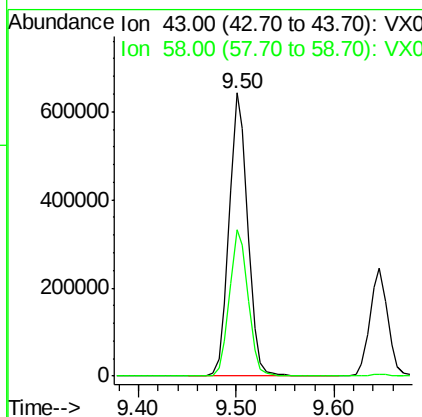
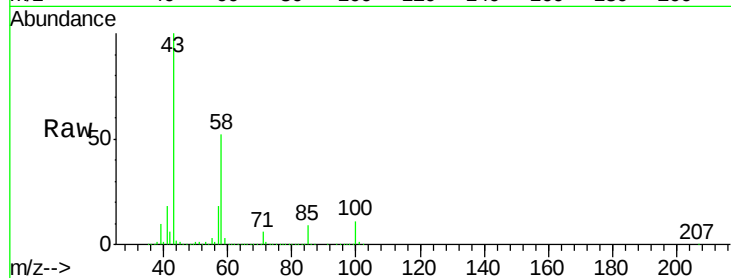
#59
2-Hexanone
Concen: 240.49 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.00 min
Lab File: VX003187.D
Acq: 05 Jul 2018 21:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 847896
Ion Ratio Lower Upper
43 100
58 52.0 24.6 73.6

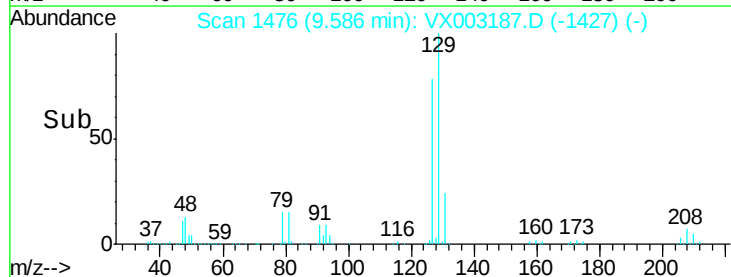
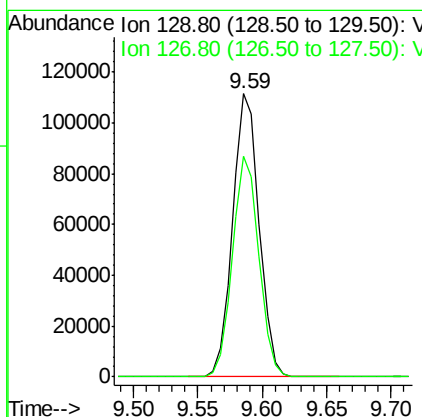
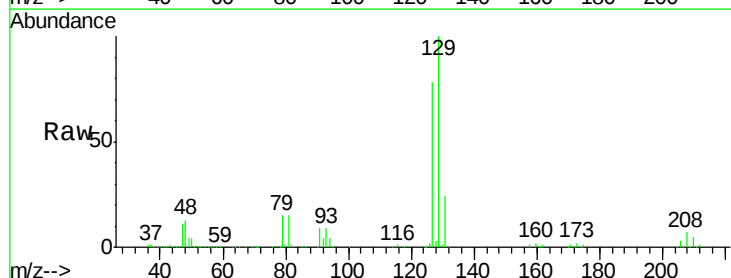
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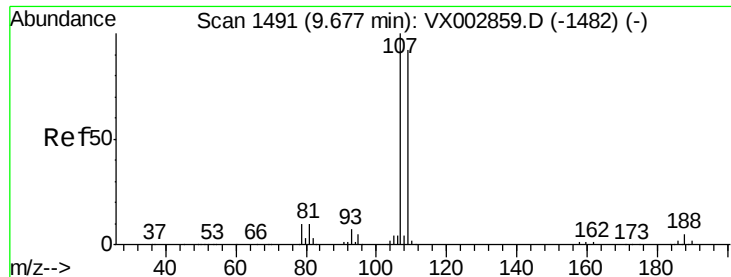
sam
7/6/2018 4:20:27 PM



#60
Dibromochloromethane
Concen: 48.39 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.00 min
Lab File: VX003187.D
Acq: 05 Jul 2018 21:54

Tgt Ion: 129 Resp: 159992
Ion Ratio Lower Upper
129 100
127 77.7 38.5 115.3





#61

1,2-Dibromoethane

Concen: 47.81 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX003187.D

Acq: 05 Jul 2018 21:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:107 Resp: 157495

Ion Ratio Lower Upper

107 100

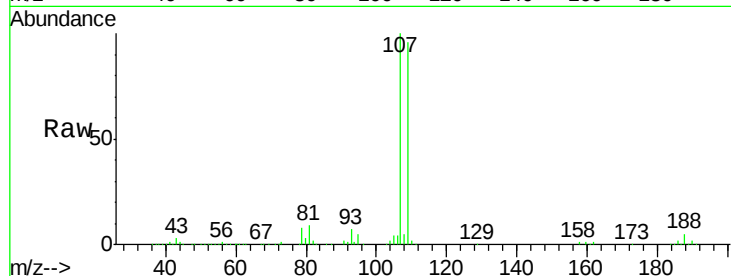
109 95.1 75.3 112.9

Manual Integrations

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sam

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.68

120000

100000

80000

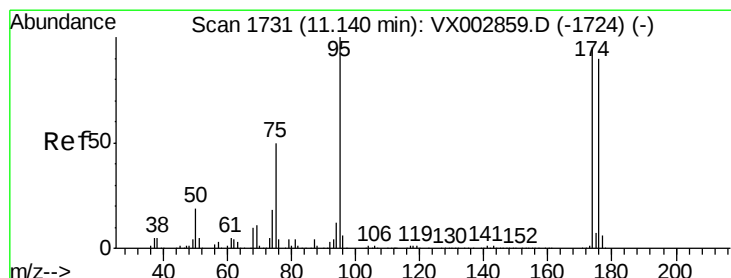
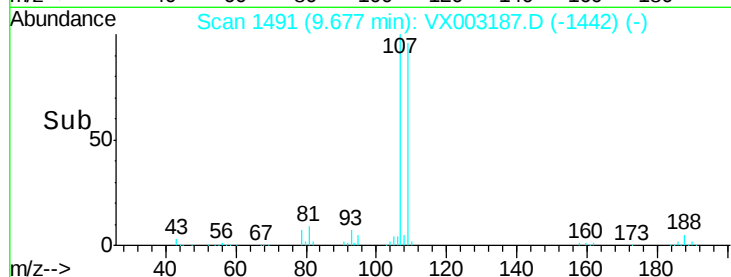
60000

40000

20000

0

Time--> 9.55 9.60 9.65 9.70 9.75



#62

4-Bromofluorobenzene

Concen: 44.49 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX003187.D

Acq: 05 Jul 2018 21:54

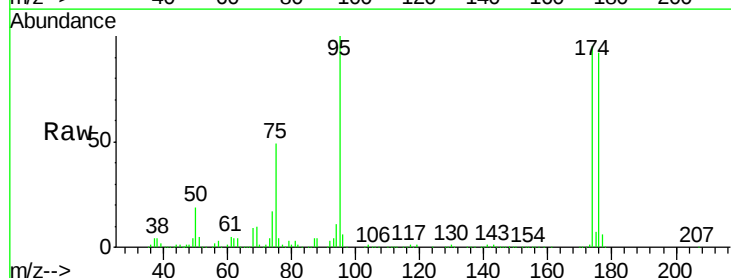
Tgt Ion: 95 Resp: 185806

Ion Ratio Lower Upper

95 100

174 98.9 0.0 187.4

176 96.3 0.0 181.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

200000

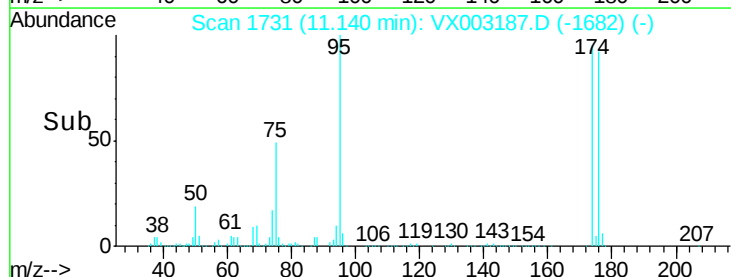
150000

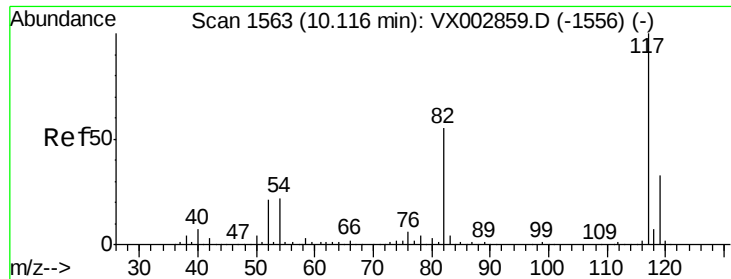
100000

50000

0

Time--> 11.10 11.20





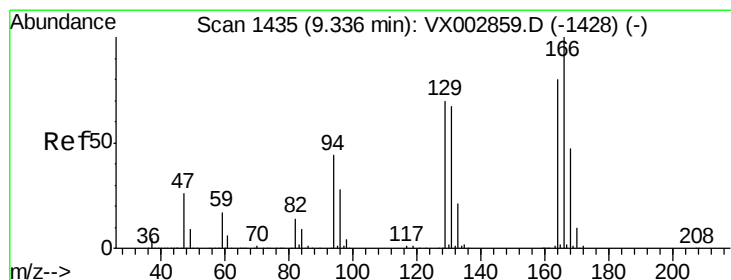
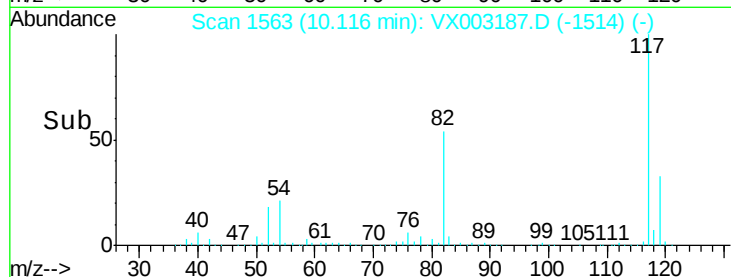
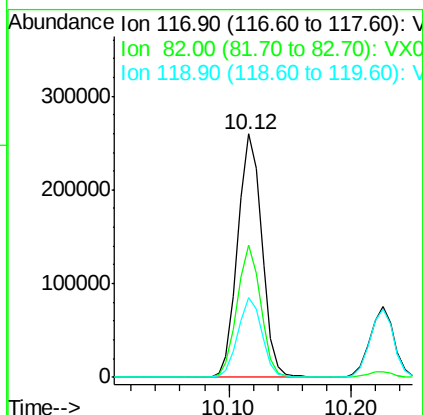
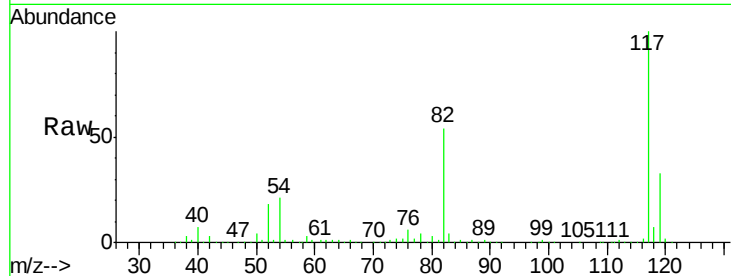
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX003187.D
Acq: 05 Jul 2018 21:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.2	45.0	67.4
119	32.5	25.8	38.6

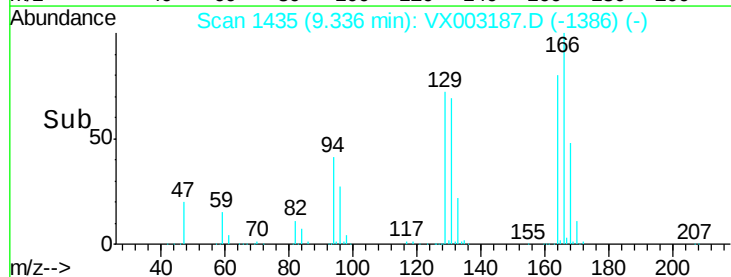
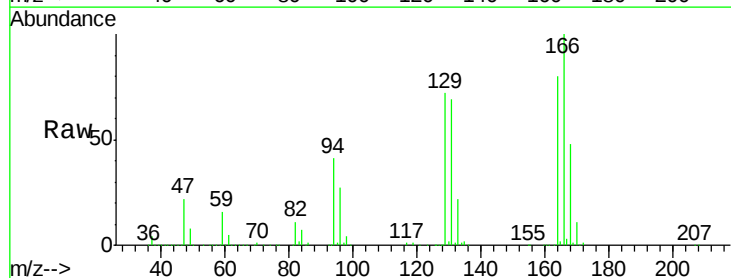
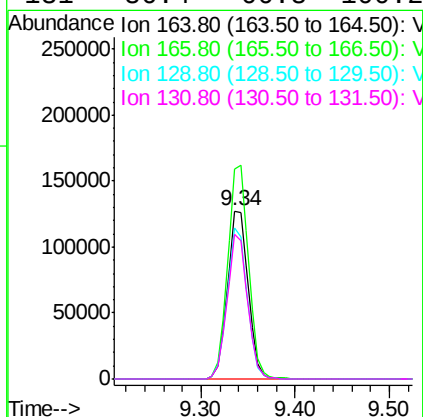
Manual Integrations
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sam
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#64
Tetrachloroethene
Concen: 49.24 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. -0.00 min
Lab File: VX003187.D
Acq: 05 Jul 2018 21:54

Tgt Ion	Ratio	Lower	Upper
164	100		
166	125.0	102.9	154.3
129	89.6	68.6	102.8
131	86.4	66.8	100.2





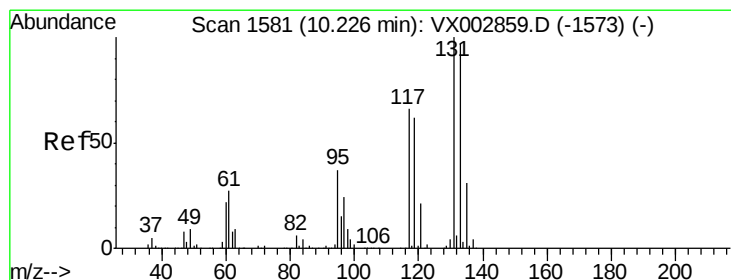
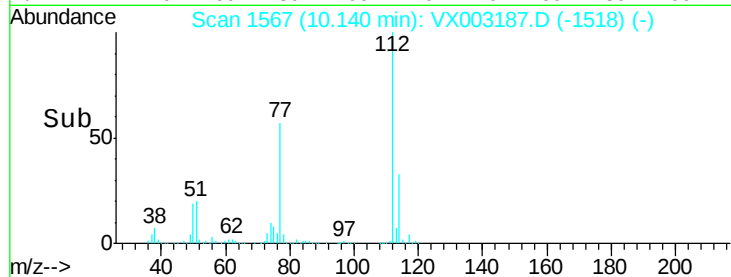
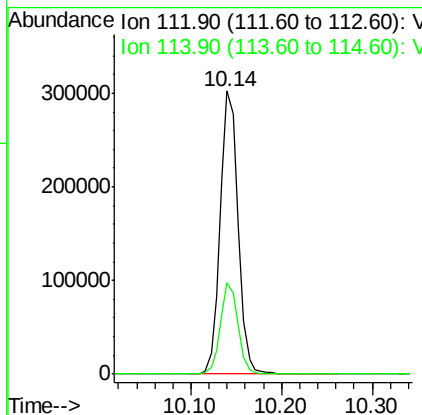
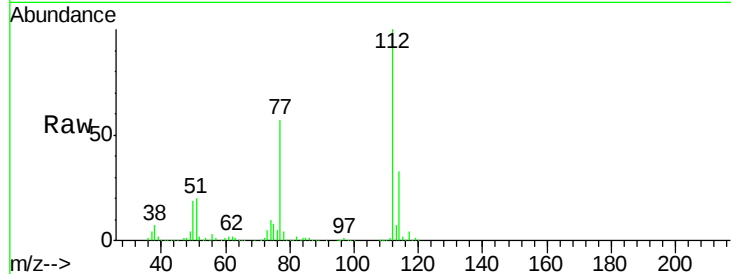
#65
Chlorobenzene
Concen: 46.12 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX003187.D
Acq: 05 Jul 2018 21:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
112	100	415883		
114	32.5	25.3	37.9	

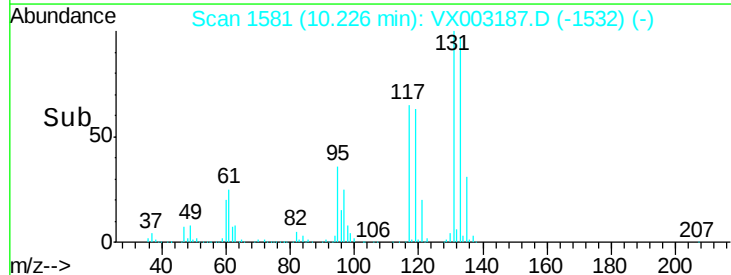
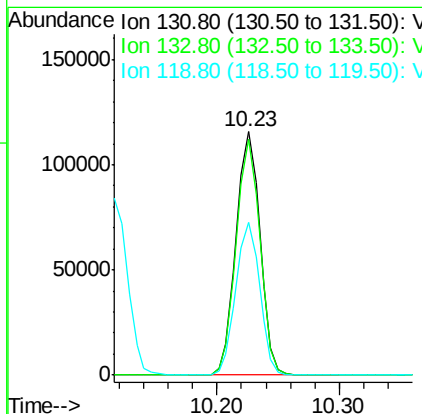
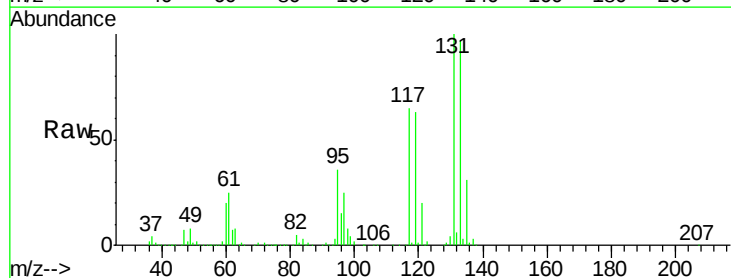
Manual Integrations
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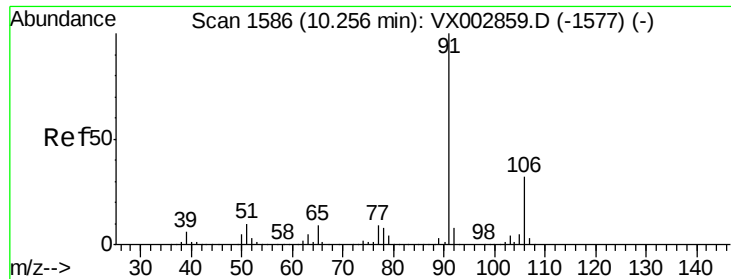
sam
7/6/2018 4:20:27 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 47.79 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. -0.00 min
Lab File: VX003187.D
Acq: 05 Jul 2018 21:54

Tgt Ion	Ratio	Resp	Lower	Upper
131	100	156572		
133	96.3	47.9	143.6	
119	63.0	31.8	95.3	





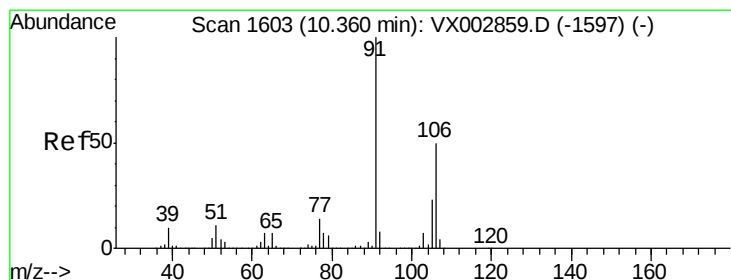
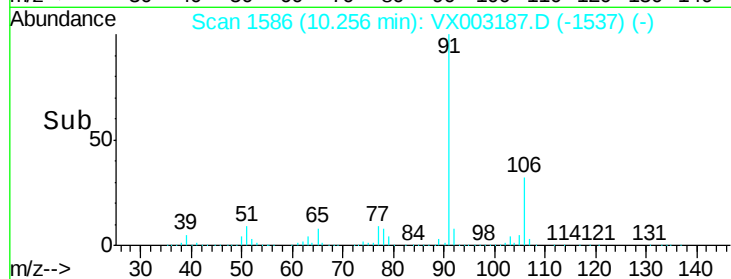
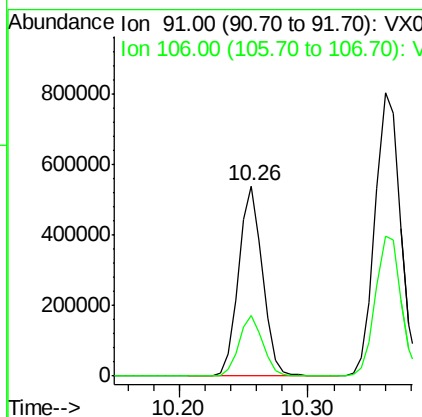
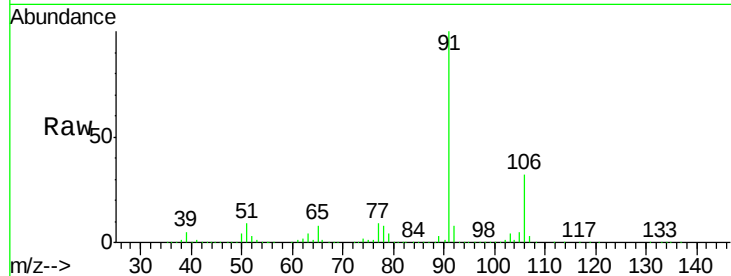
#67
Ethyl Benzene
Concen: 46.72 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX003187.D
Acq: 05 Jul 2018 21:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
106	31.9	25.5	38.3

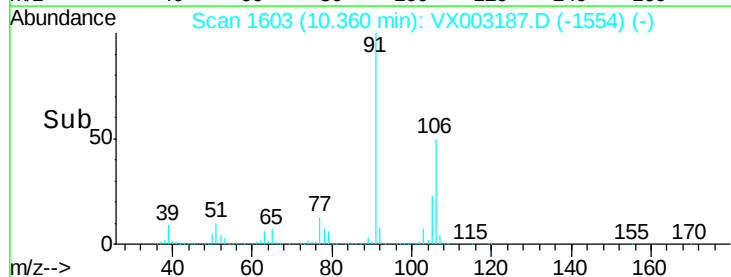
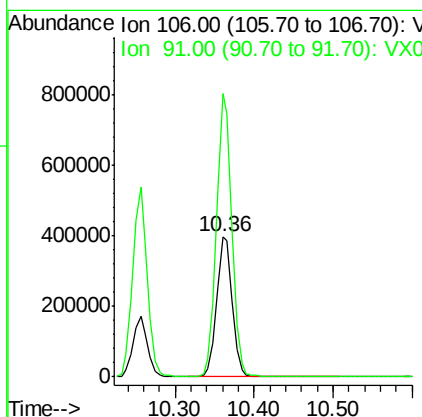
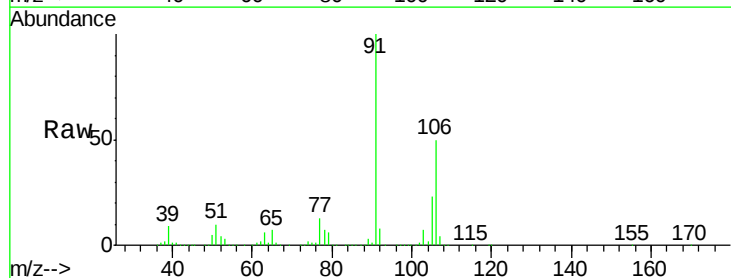
Manual Integrations
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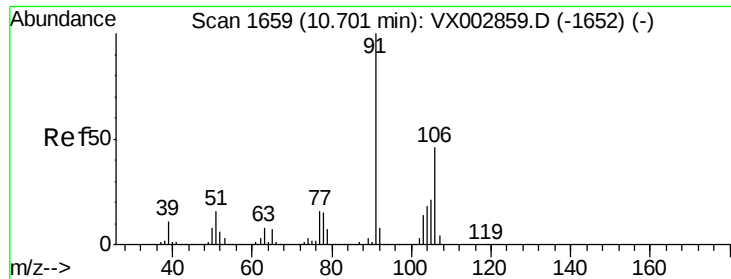
sam
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#68
m/p-Xylenes
Concen: 95.42 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. -0.00 min
Lab File: VX003187.D
Acq: 05 Jul 2018 21:54

Tgt Ion	Ratio	Lower	Upper
106	100		
91	199.7	163.4	245.2





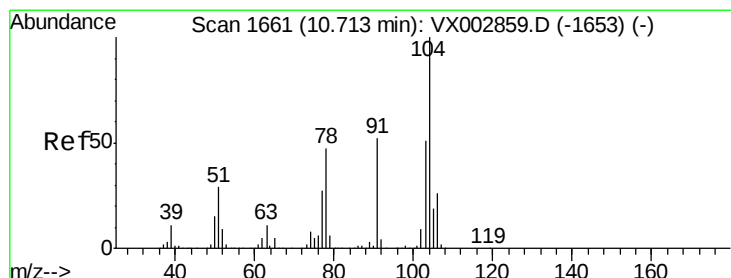
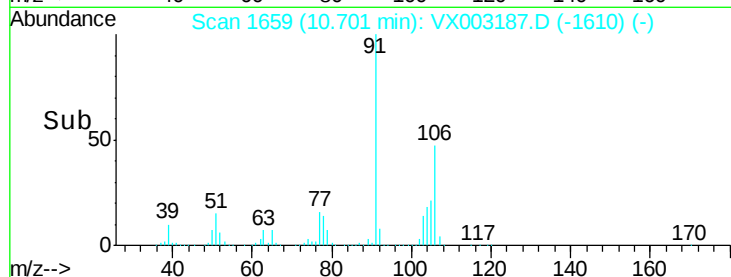
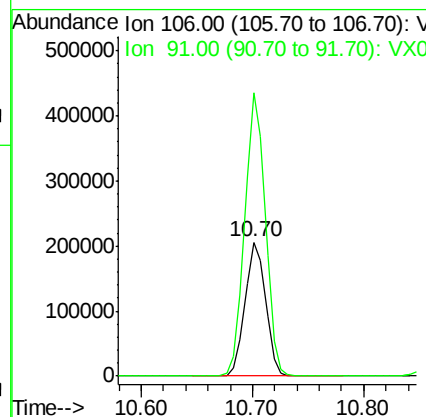
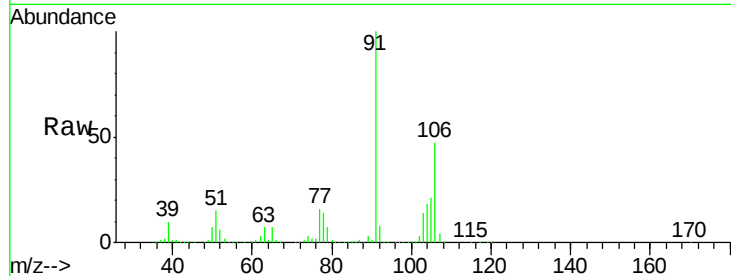
#69
o-Xylene
Concen: 47.39 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX003187.D
Acq: 05 Jul 2018 21:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
106	100		
91	211.5	108.2	324.6

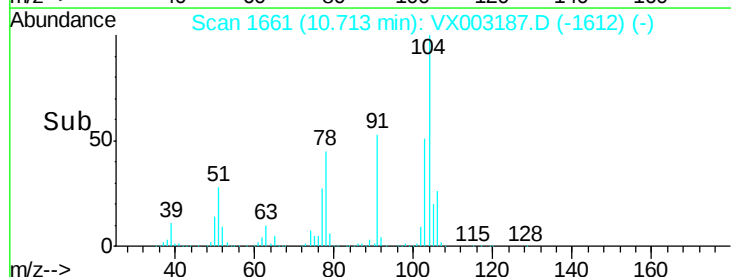
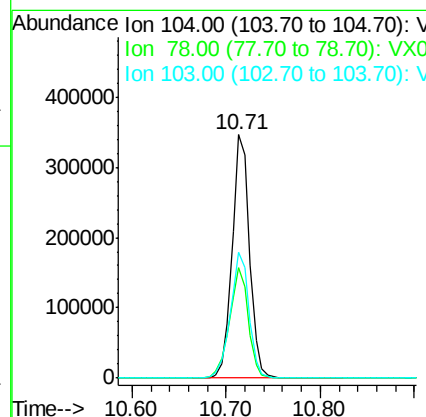
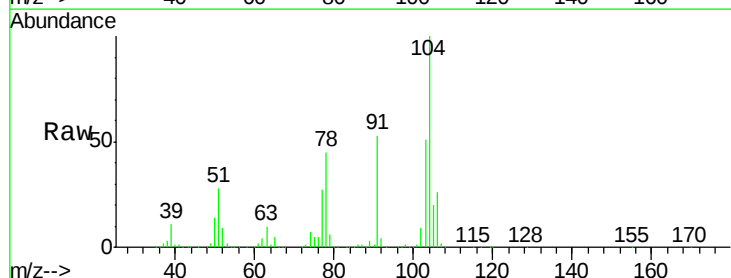
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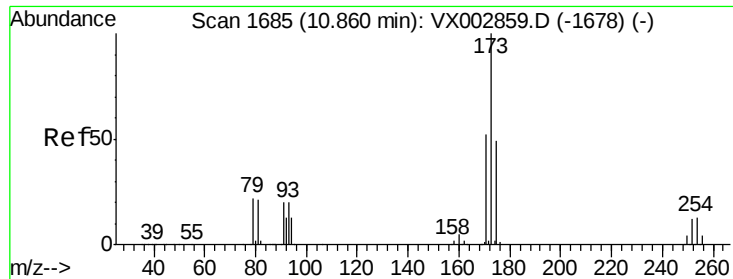
sam
7/6/2018 4:20:27 PM



#70
Styrene
Concen: 48.94 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX003187.D
Acq: 05 Jul 2018 21:54

Tgt Ion	Ratio	Lower	Upper
104	100		
78	49.2	41.0	61.6
103	55.2	44.2	66.4





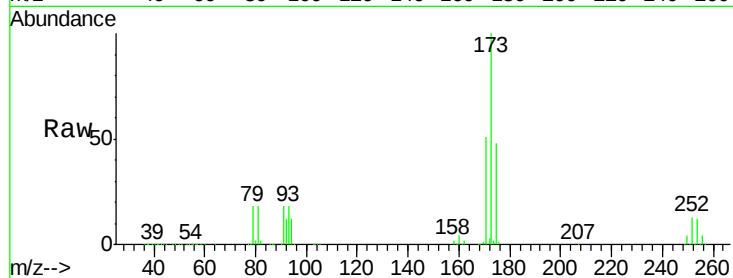
#71
Bromoform
Concen: 44.21 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. 0.00 min
Lab File: VX003187.D
Acq: 05 Jul 2018 21:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

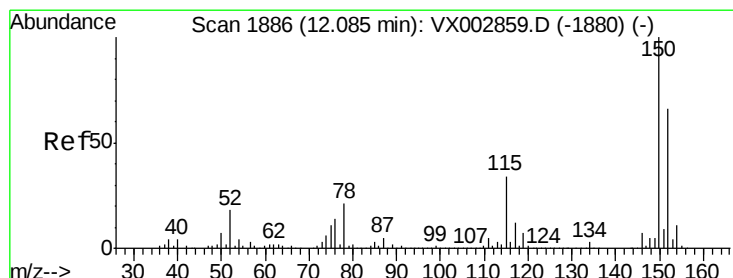
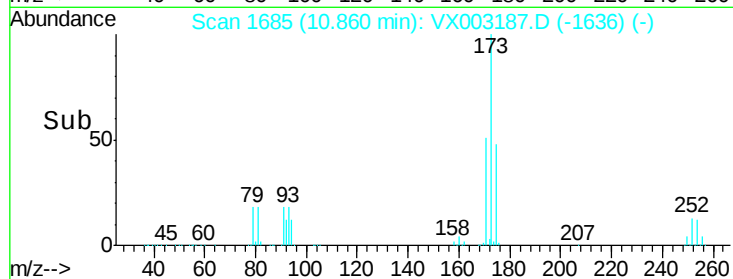
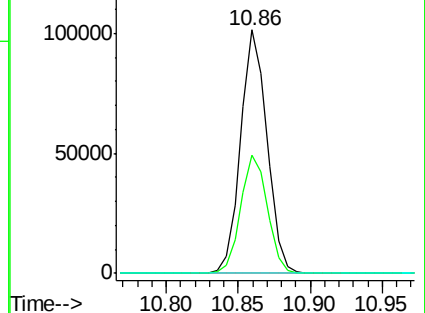
Tot Ion	Ratio	Lower	Upper
173	100		
175	49.1	24.7	74.1
254	0.2	0.2	0.2

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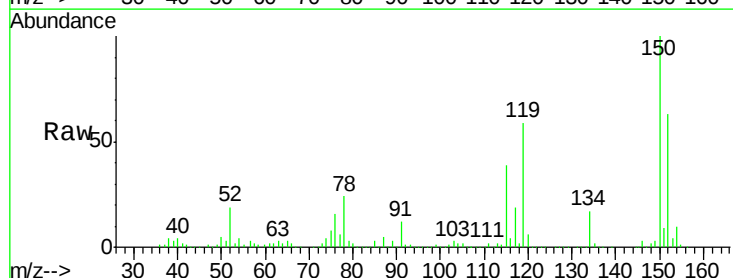


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

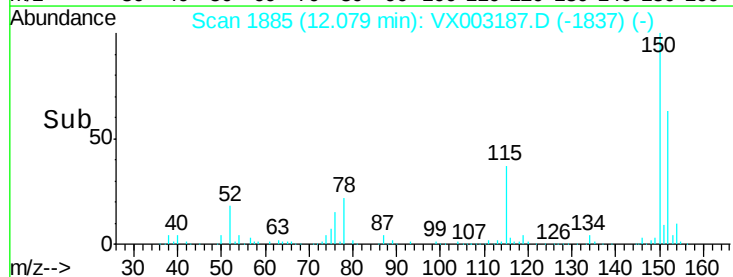
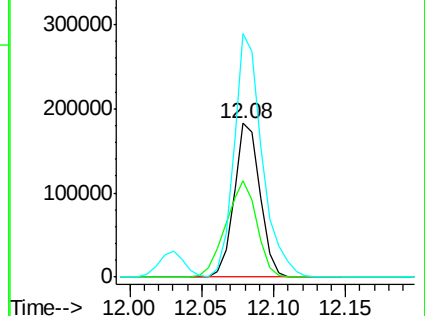


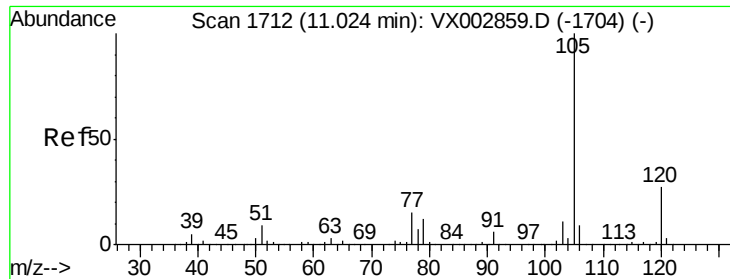
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. -0.01 min
Lab File: VX003187.D
Acq: 05 Jul 2018 21:54

Tgt Ion	Ratio	Lower	Upper
152	100		
115	75.3	40.1	120.2
150	171.6	0.0	347.2



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 46.51 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX003187.D

Acq: 05 Jul 2018 21:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 105 Resp: 716592

Ion Ratio Lower Upper

105 100

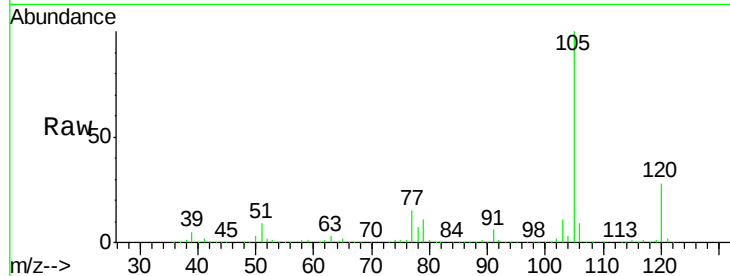
120 27.1 13.5 40.4

Manual Integrations

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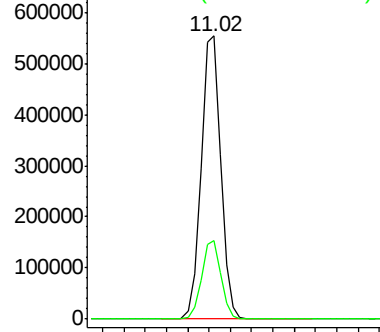
sam

7/6/2018 4:20:27 PM

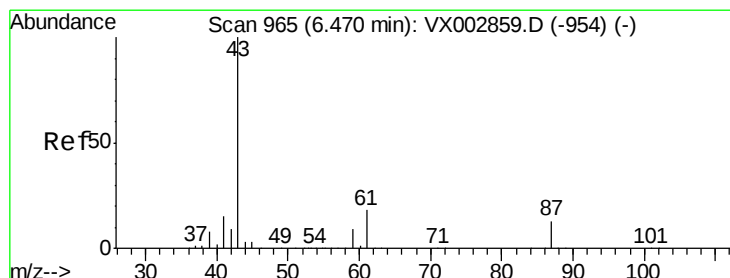
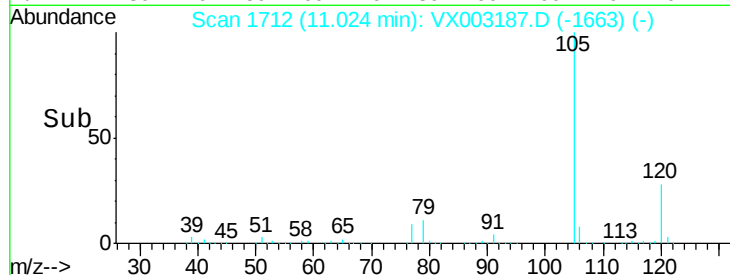


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



Time-->



#74

N-ethyl acetate

Concen: 45.61 ug/l

RT: 6.48 min Scan# 966

Delta R.T. 0.01 min

Lab File: VX003187.D

Acq: 05 Jul 2018 21:54

Tgt Ion: 43 Resp: 343851

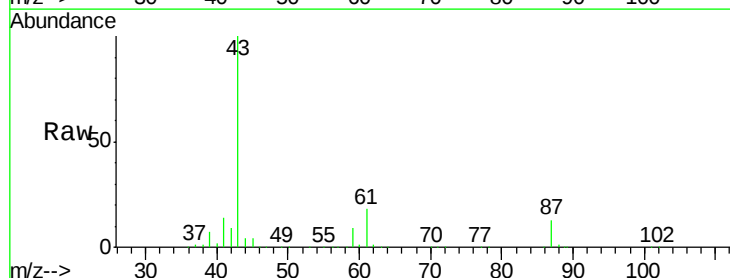
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0#

55 0.2 0.0 0.0#

61 18.6 14.4 21.6

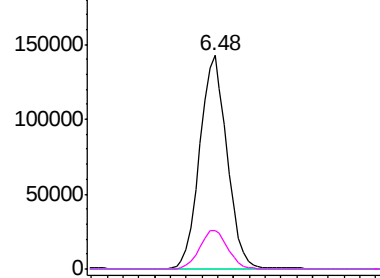


Abundance Ion 43.00 (42.70 to 43.70): VX0

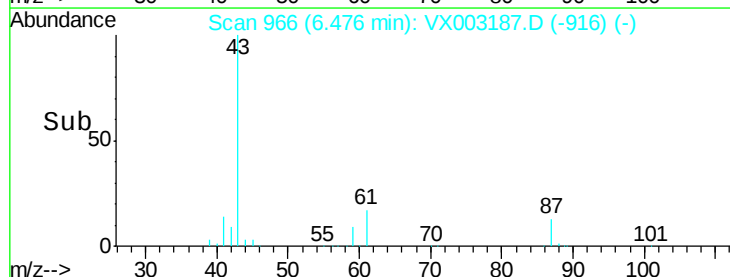
Ion 70.00 (69.70 to 70.70): VX0

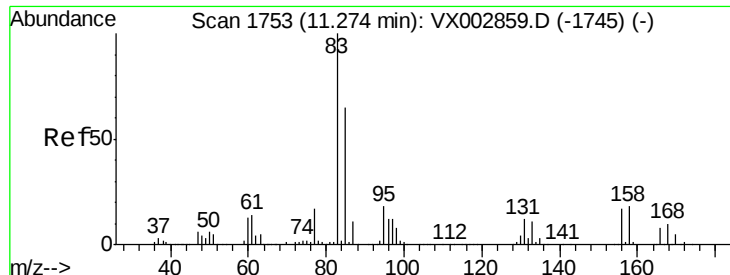
Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0



Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 46.24 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX003187.D

Acq: 05 Jul 2018 21:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 83 Resp: 219431

Ion Ratio Lower Upper

83 100

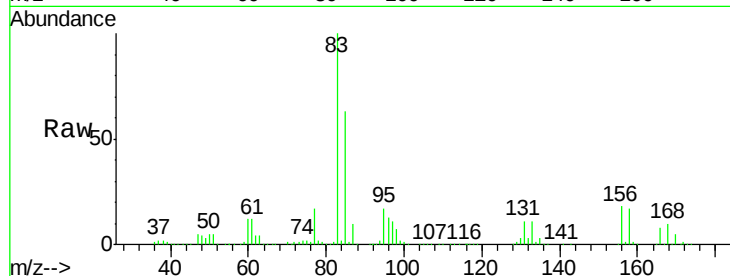
131 11.3 5.6 16.8

85 64.4 32.4 97.2

Manual Integrations
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Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0

11.27

200000

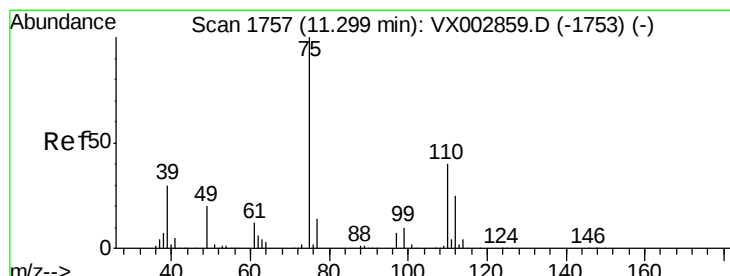
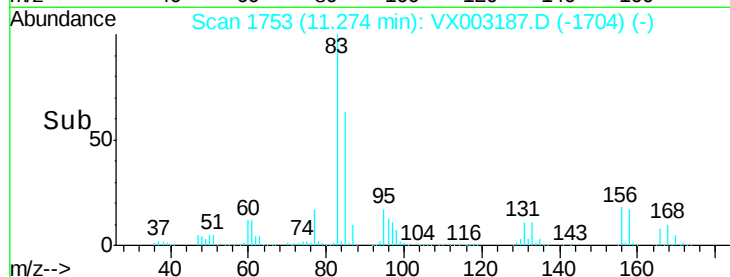
150000

100000

50000

0

Time-->



#76

1,2,3-Trichloropropane

Concen: 52.31 ug/l m

RT: 11.30 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VX003187.D

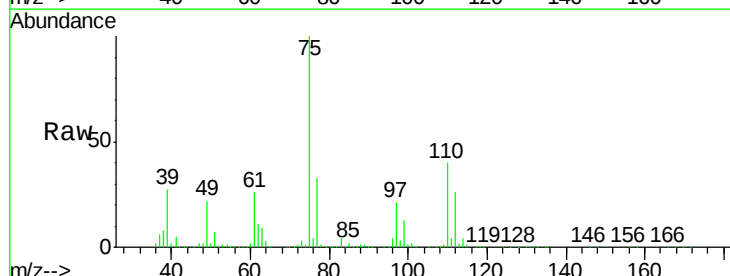
Acq: 05 Jul 2018 21:54

Tgt Ion: 75 Resp: 217006

Ion Ratio Lower Upper

75 100

77 37.4 22.8 68.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

250000

200000

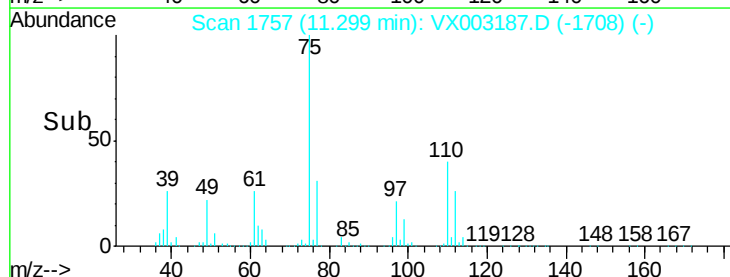
150000

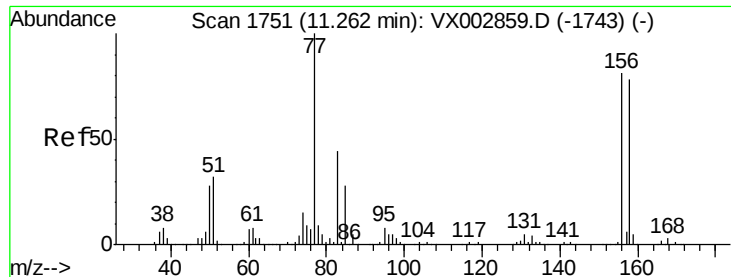
100000

50000

0

Time-->





#77

Bromobenzene

Concen: 45.58 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. -0.01 min

Lab File: VX003187.D

Acq: 05 Jul 2018 21:54

Instrument :

MSVOA_X

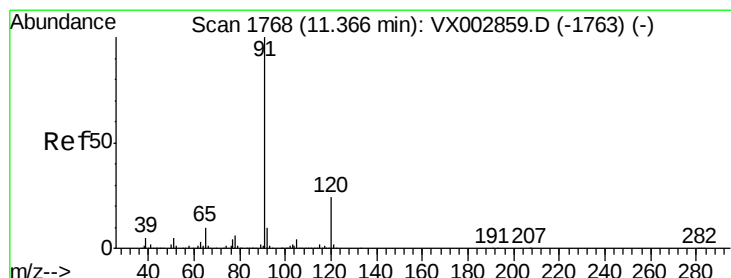
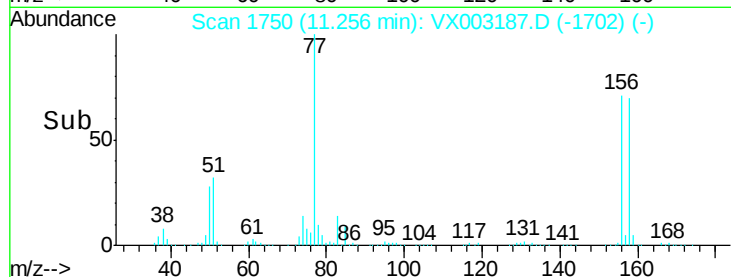
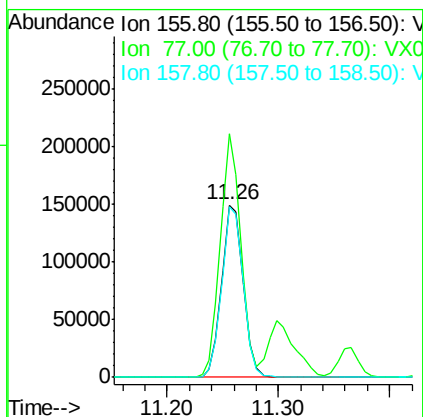
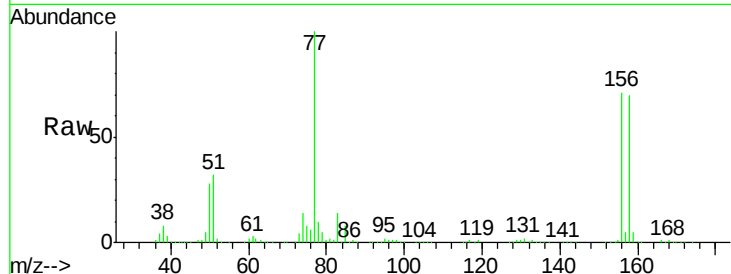
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	199989
Ion Ratio	Lower	Upper	
156	100		
77	135.4	71.4	214.2
158	98.5	48.9	146.6

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#78

n-propylbenzene

Concen: 45.81 ug/l

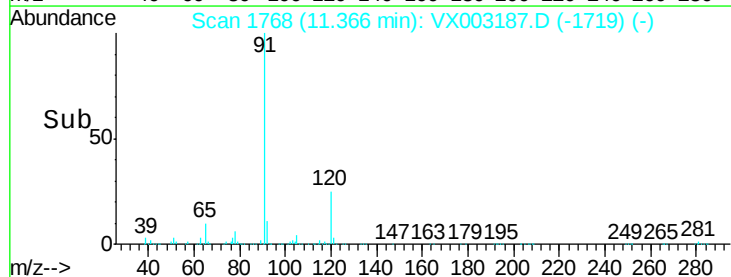
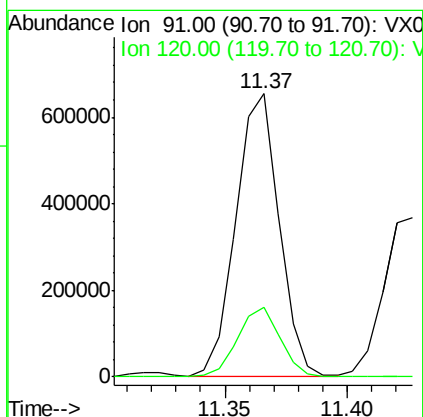
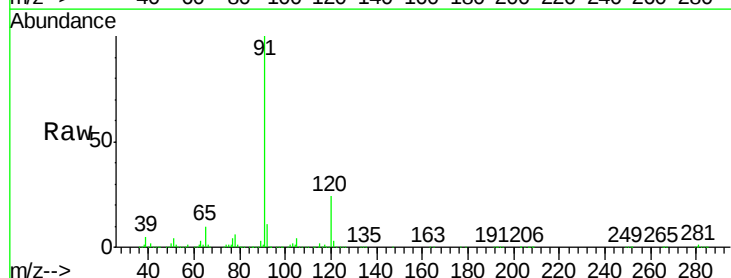
RT: 11.37 min Scan# 1768

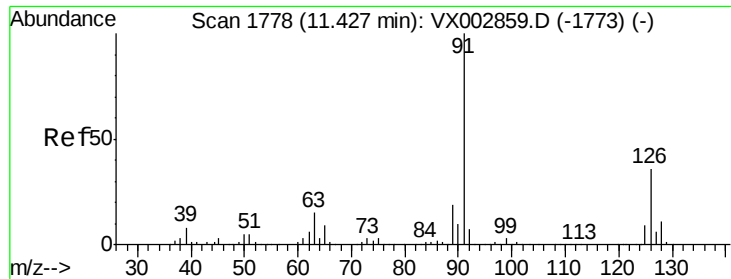
Delta R.T. -0.00 min

Lab File: VX003187.D

Acq: 05 Jul 2018 21:54

Tgt Ion:	91	Resp:	803319
Ion Ratio	Lower	Upper	
91	100		
120	24.5	11.8	35.4





#79

2-Chlorotoluene

Concen: 45.09 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX003187.D

Acq: 05 Jul 2018 21:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 478788

Ion Ratio Lower Upper

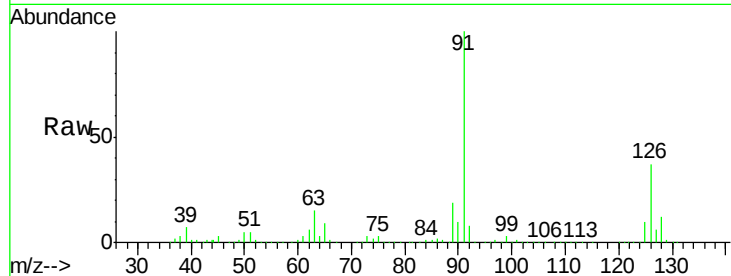
91 100

126 36.7 17.7 53.1

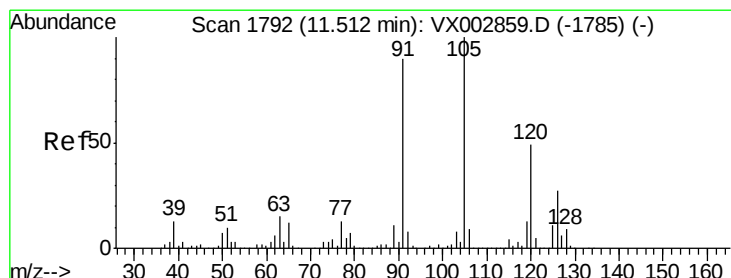
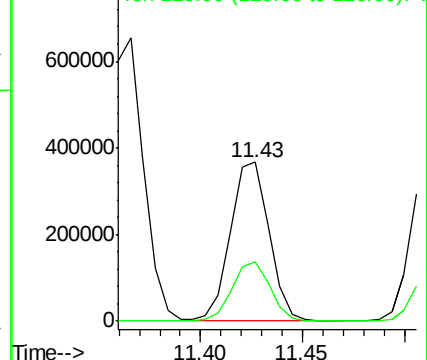
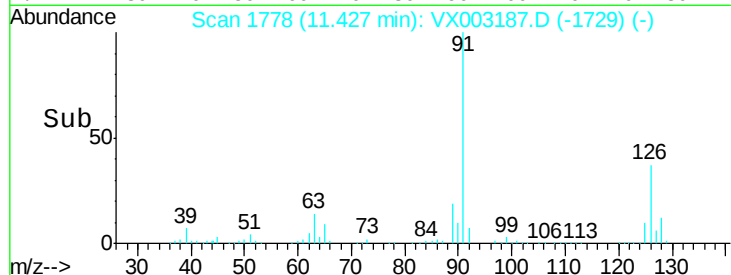
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Abundance Ion 91.00 (90.70 to 91.70): VX003187.D (-1729) (-)



#80

1,3,5-Trimethylbenzene

Concen: 46.46 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX003187.D

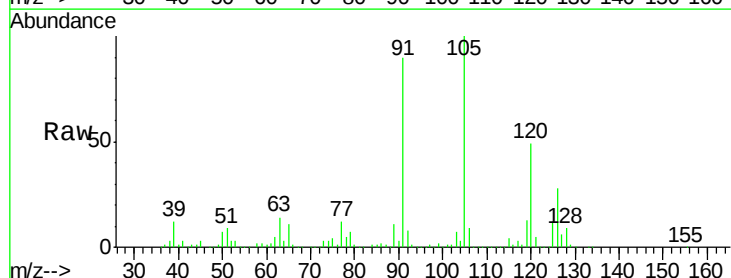
Acq: 05 Jul 2018 21:54

Tgt Ion: 105 Resp: 602928

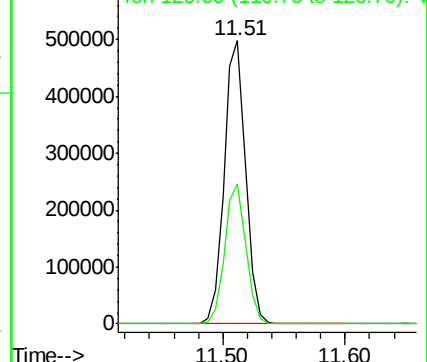
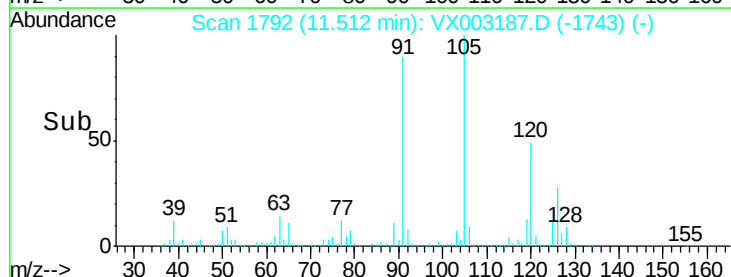
Ion Ratio Lower Upper

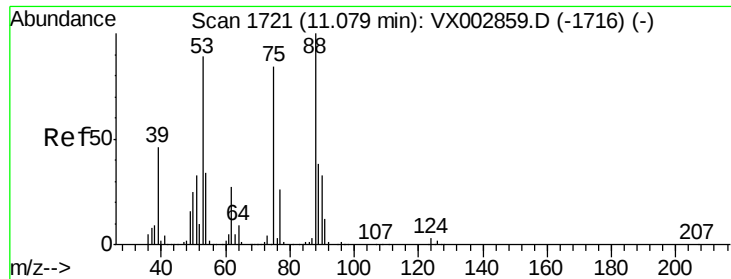
105 100

120 49.2 24.4 73.4



Abundance Ion 105.00 (104.70 to 105.70): VX003187.D (-1743) (-)





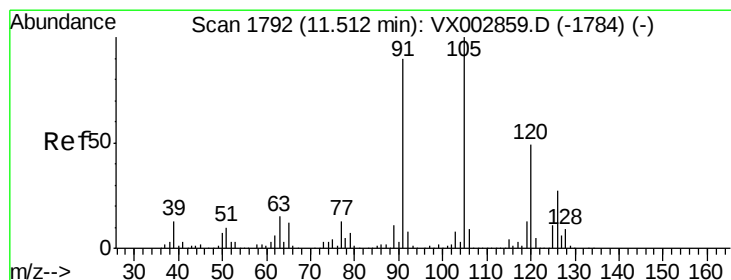
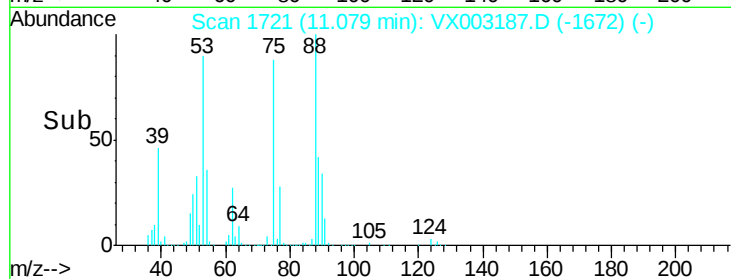
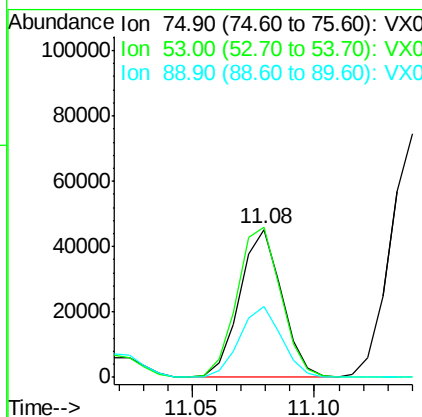
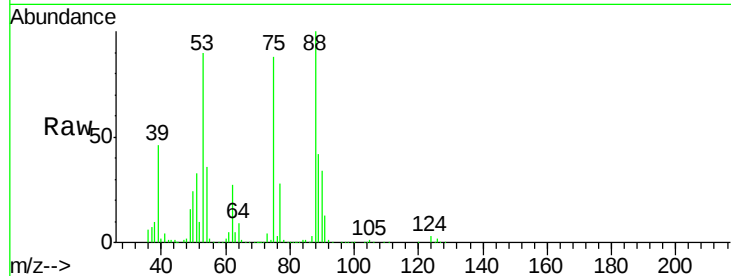
#81
trans-1,4-Dichloro-2-butene
Concen: 38.55 ug/l
RT: 11.08 min Scan# 1721
Delta R.T. 0.00 min
Lab File: VX003187.D
Acq: 05 Jul 2018 21:54

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	106.6	86.8	130.2
89	48.2	38.2	57.2

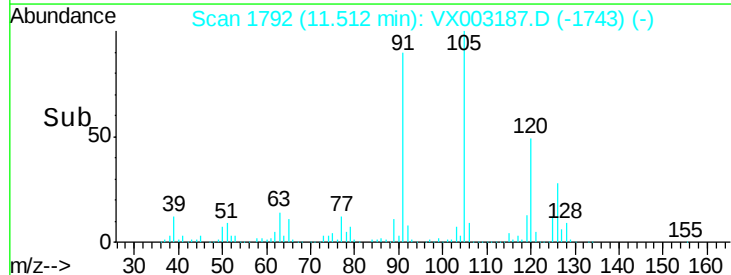
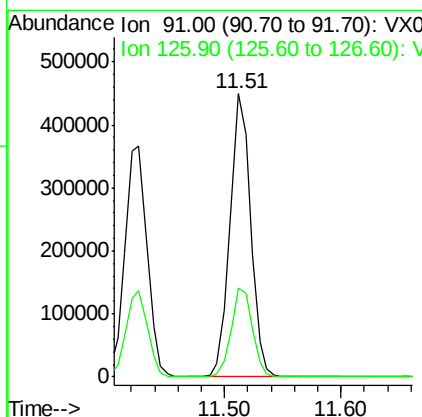
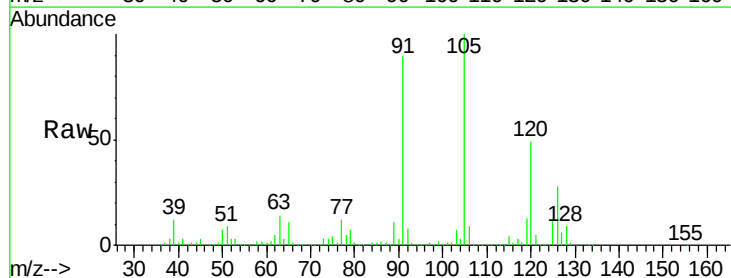
Manual Integrations
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#82
4-Chlorotoluene
Concen: 44.53 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX003187.D
Acq: 05 Jul 2018 21:54

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.1	15.4	46.4





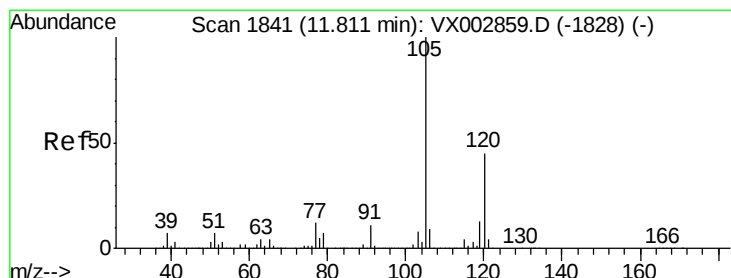
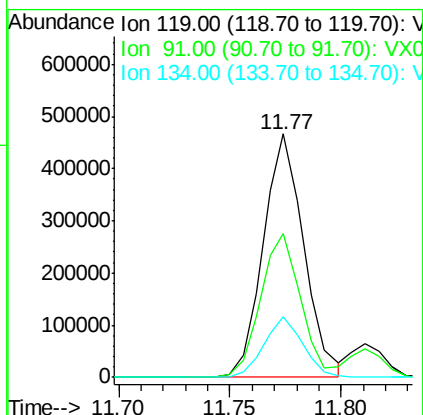
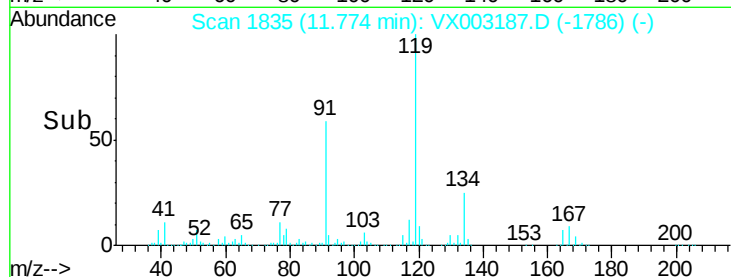
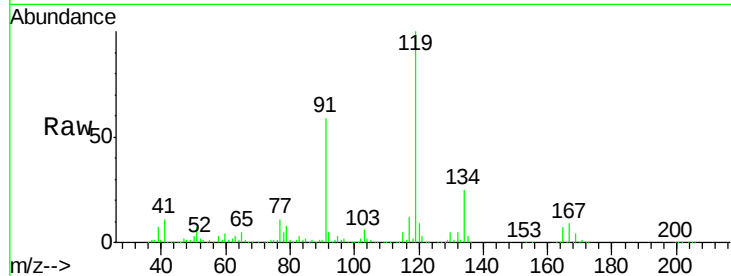
#83
 tert-Butylbenzene
 Concen: 46.19 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX003187.D
 Acq: 05 Jul 2018 21:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	58.6	30.3	90.9
134	23.9	11.7	35.1

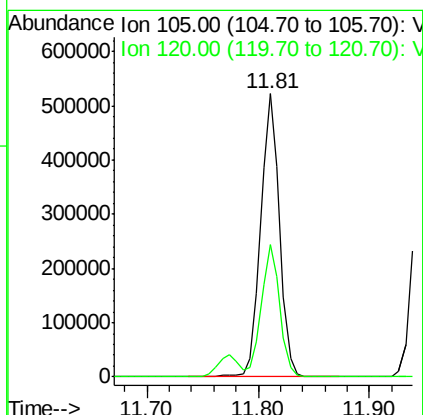
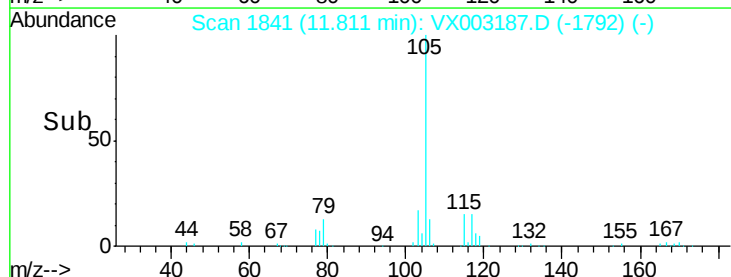
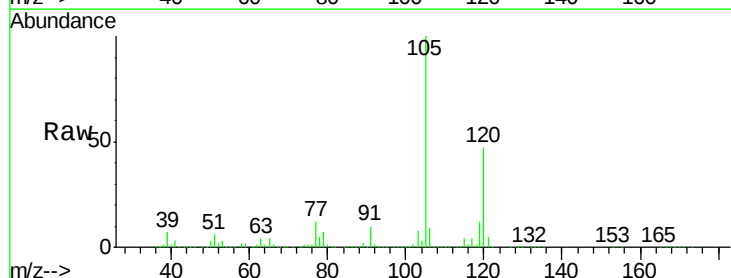
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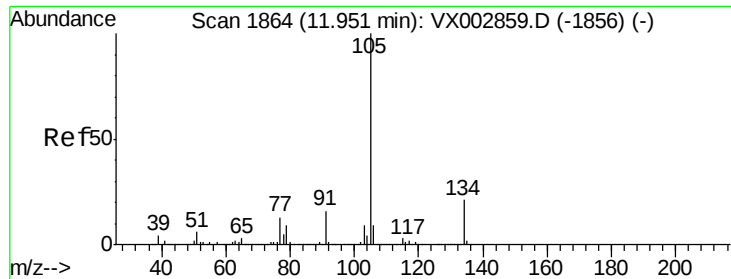
sam
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#84
 1,2,4-Trimethylbenzene
 Concen: 45.92 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX003187.D
 Acq: 05 Jul 2018 21:54

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.0	22.3	66.8





#85

sec-Butylbenzene

Concen: 45.93 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX003187.D

Acq: 05 Jul 2018 21:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 712546

Ion Ratio Lower Upper

105 100

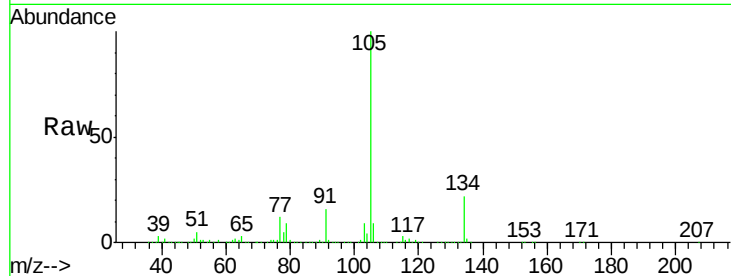
134 21.3 10.4 31.1

Manual Integrations

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.95

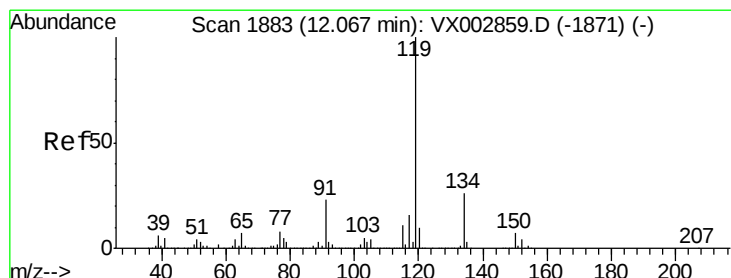
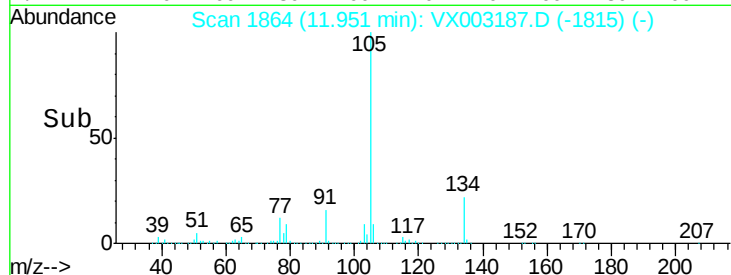
600000

400000

200000

0

Time-->



#86

p-Isopropyltoluene

Concen: 47.11 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VX003187.D

Acq: 05 Jul 2018 21:54

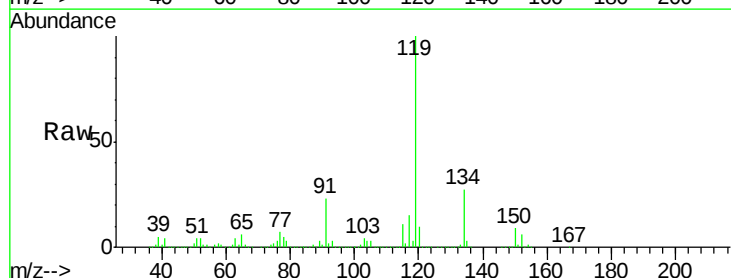
Tgt Ion:119 Resp: 657144

Ion Ratio Lower Upper

119 100

134 27.2 13.4 40.1

91 22.7 11.9 35.7



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

12.07

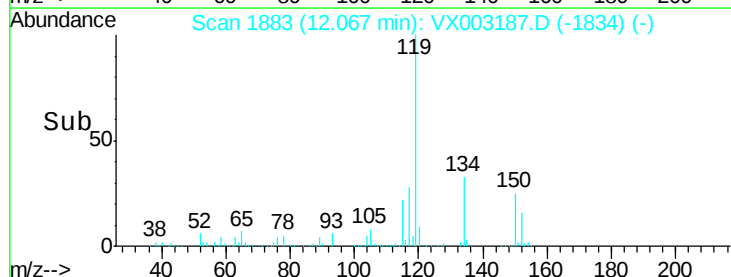
600000

400000

200000

0

Time-->





#87

1,3-Dichlorobenzene

Concen: 45.91 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX003187.D

Acq: 05 Jul 2018 21:54

Instrument :

MSVOA_X

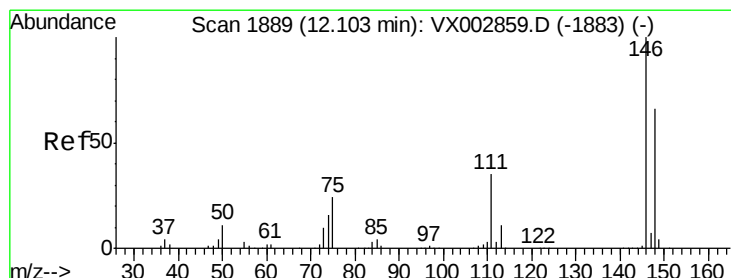
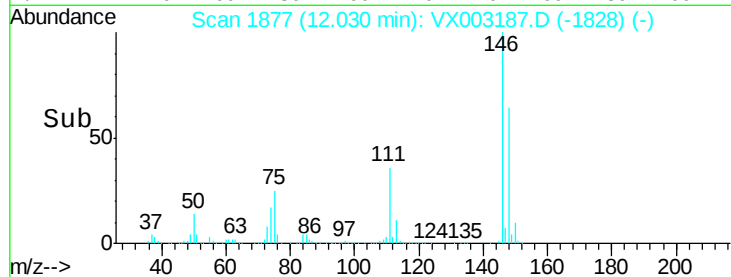
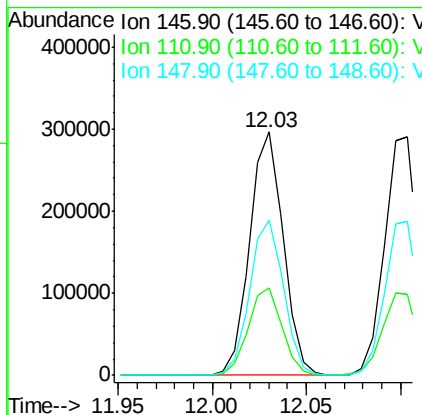
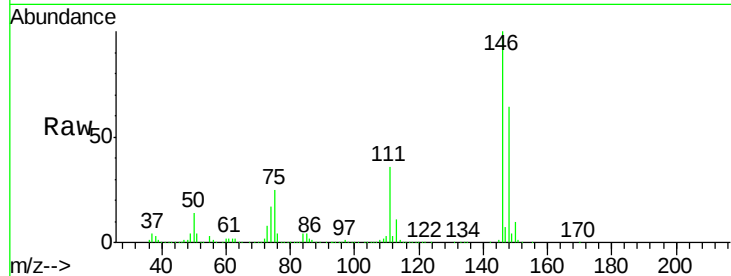
ClientSampleId :

VSTDCCC050EC

Tot Ion:	146	Resp:	367888
Ion Ratio	Lower	Upper	
146	100		
111	36.2	18.9	56.7
148	64.1	32.1	96.3

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 45.09 ug/l

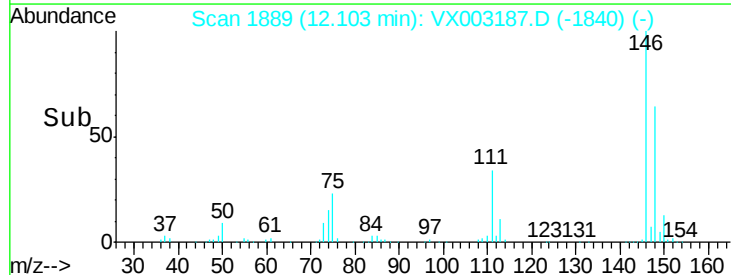
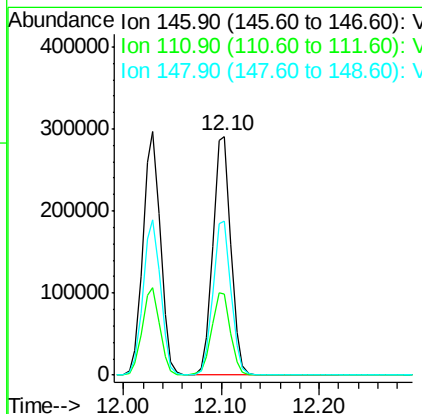
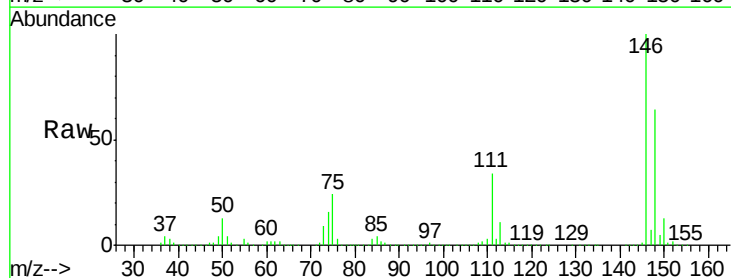
RT: 12.10 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VX003187.D

Acq: 05 Jul 2018 21:54

Tgt Ion:	146	Resp:	371845
Ion Ratio	Lower	Upper	
146	100		
111	35.8	18.7	56.1
148	64.8	32.4	97.0





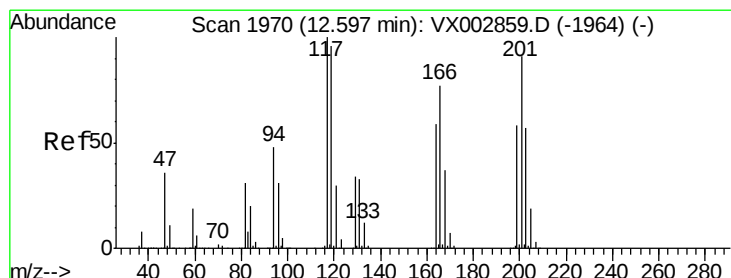
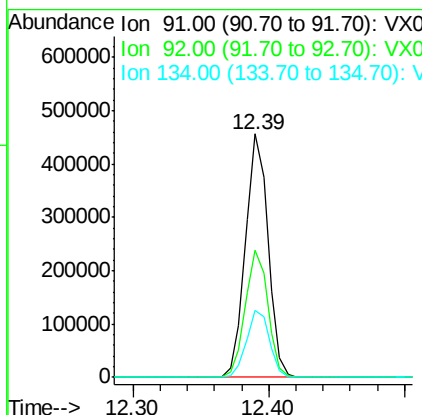
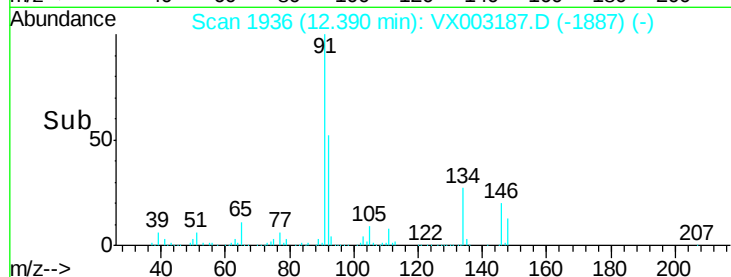
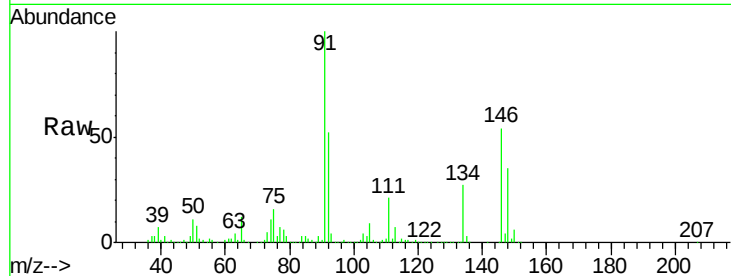
#89
n-Butylbenzene
Concen: 43.83 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VX003187.D
Acq: 05 Jul 2018 21:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.4	26.0	78.0
134	28.2	13.5	40.5

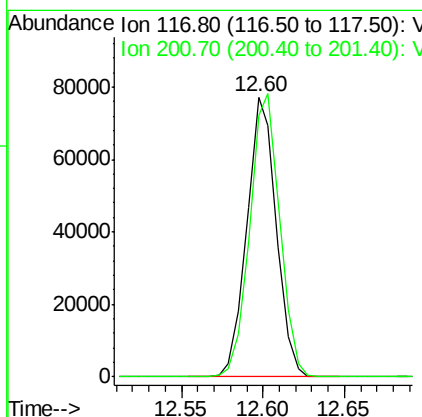
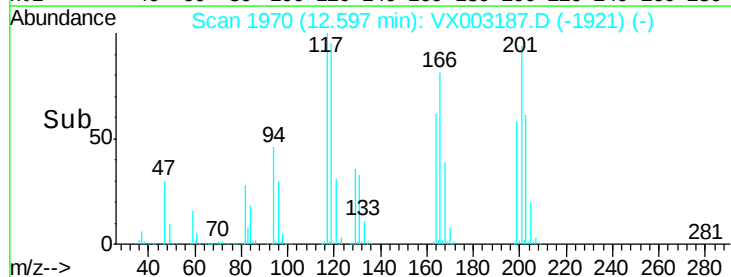
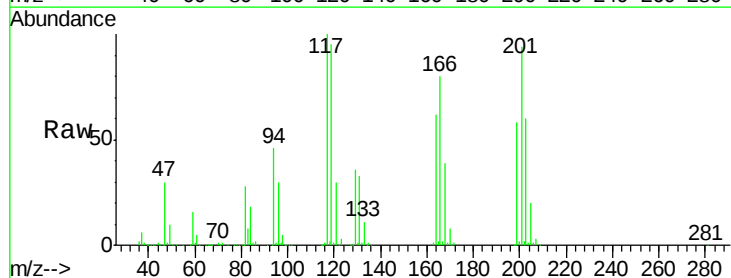
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#90
Hexachloroethane
Concen: 46.76 ug/l
RT: 12.60 min Scan# 1970
Delta R.T. -0.00 min
Lab File: VX003187.D
Acq: 05 Jul 2018 21:54

Tgt Ion	Ratio	Lower	Upper
117	100		
201	103.0	49.0	147.0





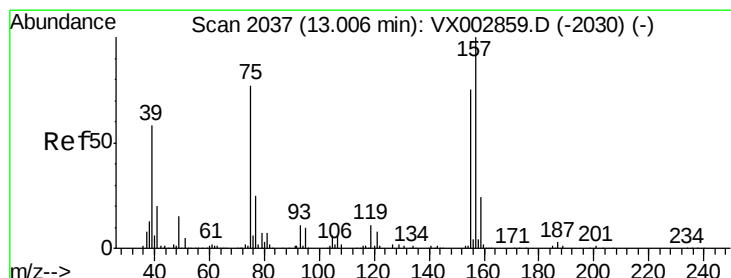
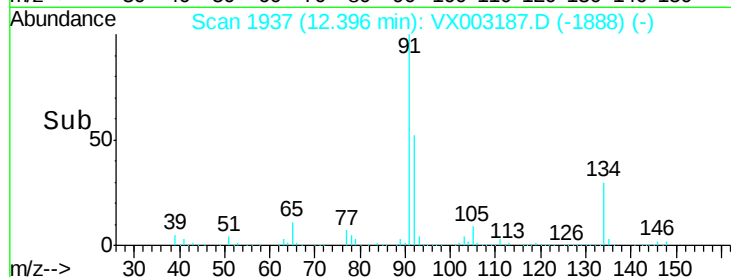
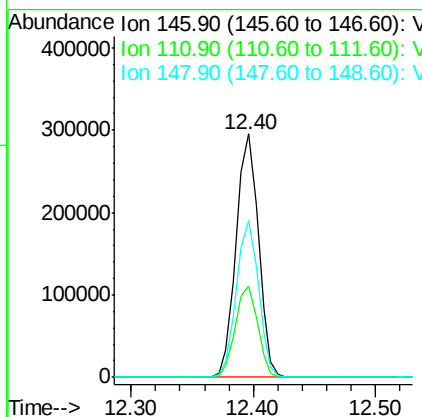
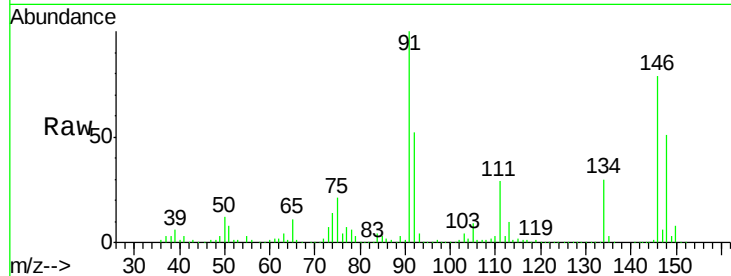
#91
 1,2-Dichlorobenzene
 Concen: 45.92 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX003187.D
 Acq: 05 Jul 2018 21:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.7	19.4	58.1
148	64.0	31.7	95.1

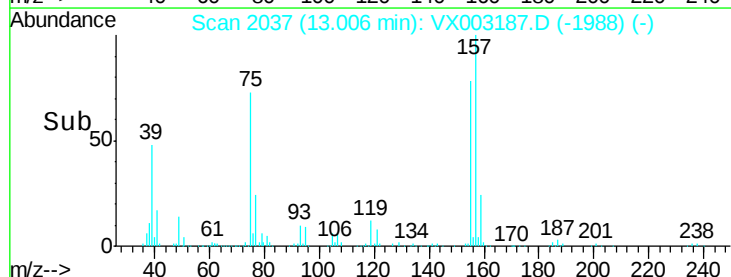
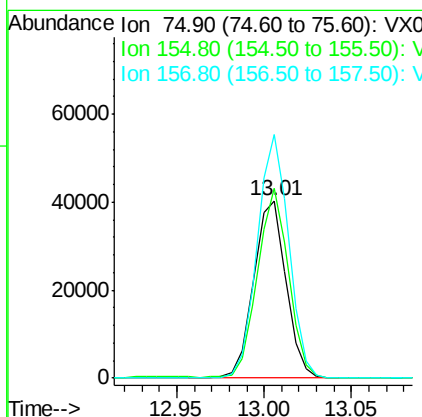
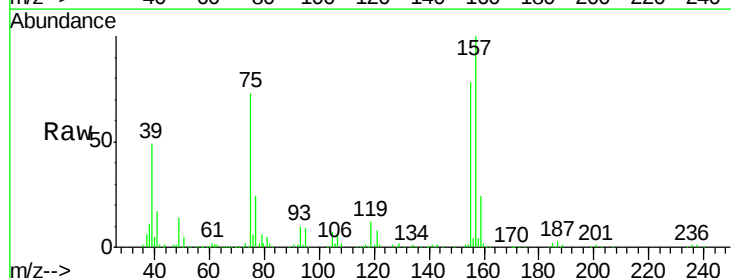
Manual Integrations
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 48.40 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: VX003187.D
 Acq: 05 Jul 2018 21:54

Tgt Ion	Ratio	Lower	Upper
75	100		
155	103.7	45.8	137.4
157	133.6	60.1	180.3





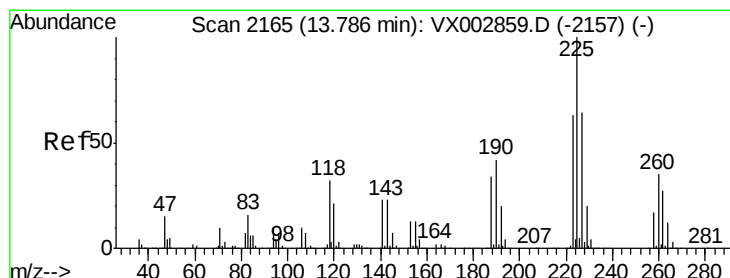
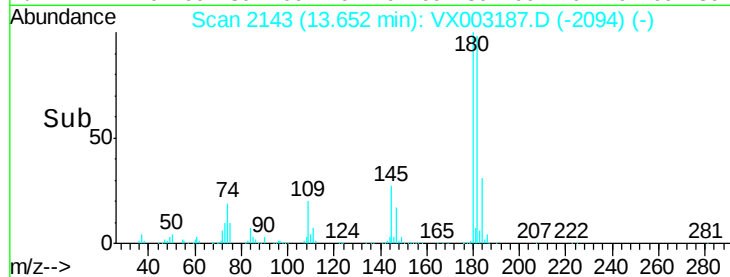
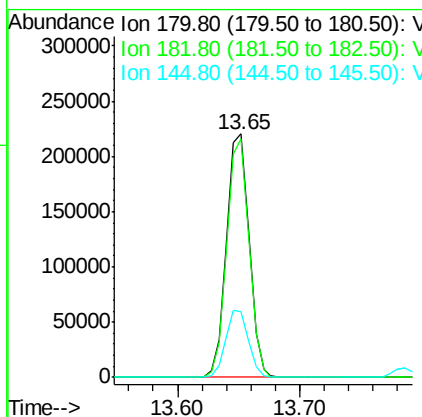
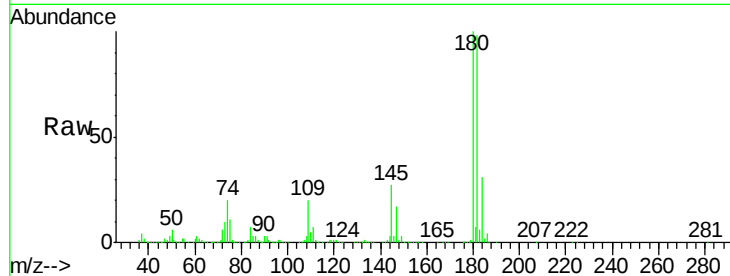
#93
 1,2,4-Trichlorobenzene
 Concen: 47.63 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX003187.D
 Acq: 05 Jul 2018 21:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	280345		
182	96.3	47.7	143.1	
145	27.7	14.1	42.4	

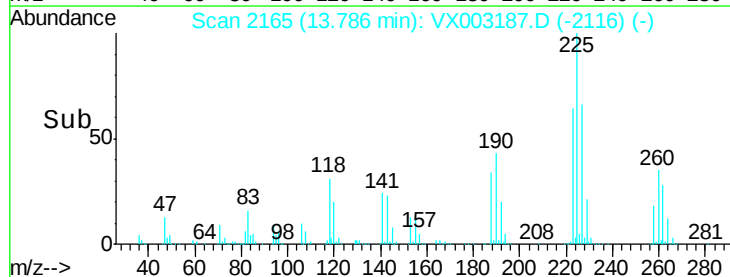
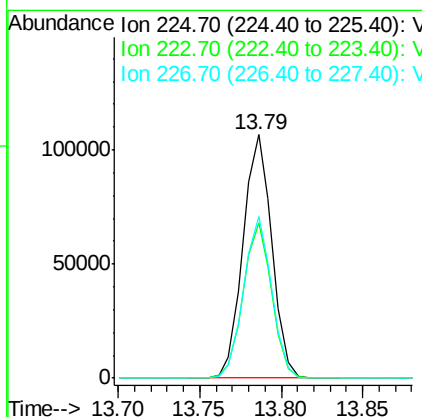
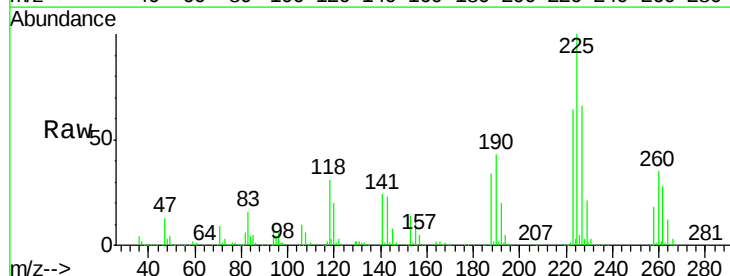
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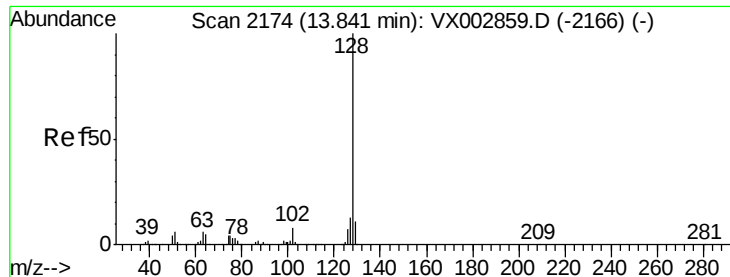
sam
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#94
 Hexachlorobutadiene
 Concen: 44.68 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX003187.D
 Acq: 05 Jul 2018 21:54

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	131156		
223	63.1	31.6	95.0	
227	64.7	32.4	97.2	





#95

Naphthalene

Concen: 51.40 ug/l

RT: 13.83 min Scan# 2173

Delta R.T. -0.01 min

Lab File: VX003187.D

Acq: 05 Jul 2018 21:54

Instrument :

MSVOA_X

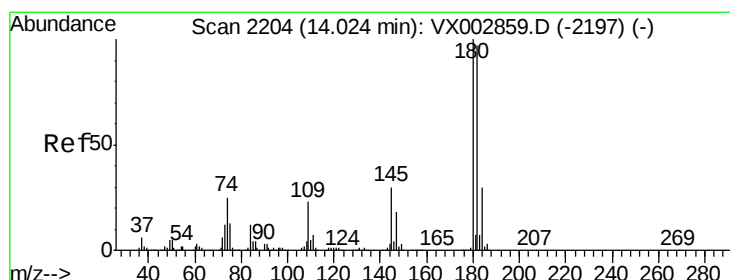
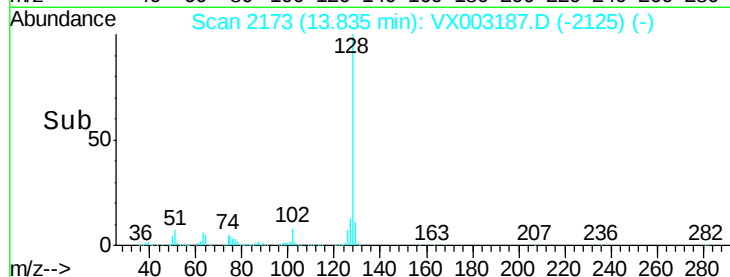
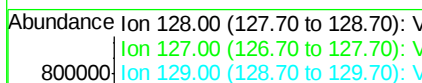
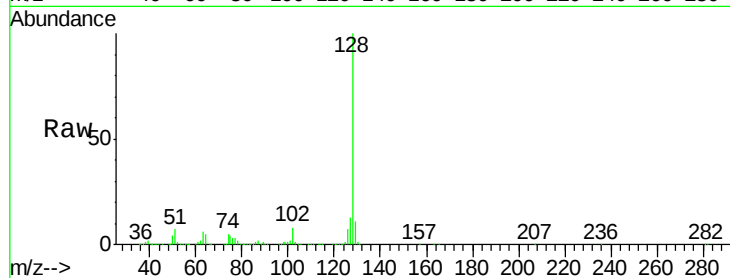
ClientSampleId :

VSTDCCC050EC

Tot Ion:	128	Resp:	805867
Ion Ratio	Lower	Upper	
128	100		
127	13.0	10.4	15.6
129	11.0	8.6	13.0

Manual Integrations
APPROVED

sam
7/6/2018 4:20:27 PM



#96

1,2,3-Trichlorobenzene

Concen: 48.41 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. -0.00 min

Lab File: VX003187.D

Acq: 05 Jul 2018 21:54

Tgt Ion:	180	Resp:	284634
Ion Ratio	Lower	Upper	
180	100		
182	95.1	48.0	144.0
145	28.8	14.8	44.3

