

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX032818\
 Data File : VX000480.D
 Acq On : 28 Mar 2018 10:45
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 3/29/2018 11:19:39 AM

Quant Time: Mar 29 04:16:41 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X032018W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 21 04:52:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	148781	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	236967	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	233369	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	161598	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	100470	51.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.46%	
35) Dibromofluoromethane	5.51	113	79516	53.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.52%	
50) Toluene-d8	8.73	98	311121	50.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.62%	
62) 4-Bromofluorobenzene	11.15	95	128653	49.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.64%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.20	85	86187	52.56	ug/l	99
3) Chloromethane	1.32	50	79546	46.05	ug/l	96
4) Vinyl Chloride	1.40	62	97000	53.14	ug/l	97
5) Bromomethane	1.64	94	131580	60.20	ug/l	97
6) Chloroethane	1.72	64	60466	55.16	ug/l	95
7) Trichlorofluoromethane	1.93	101	160005	48.57	ug/l	100
8) Diethyl Ether	2.19	74	56650	48.12	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.39	101	92271	50.23	ug/l	99
10) Methyl Iodide	2.51	142	72856	40.88	ug/l	99
11) Tert butyl alcohol	3.07	59	193994	290.39	ug/l	99
12) 1,1-Dichloroethene	2.38	96	81108	50.30	ug/l	97
13) Acrolein	2.30	56	57537	268.60	ug/l	99
14) Allyl chloride	2.73	41	145697	51.16	ug/l	98
15) Acrylonitrile	3.15	53	350494	259.04	ug/l	99
16) Acetone	2.45	43	459658	284.51	ug/l	98
17) Carbon Disulfide	2.57	76	221488	51.63	ug/l	98
18) Methyl Acetate	2.78	43	175216	51.73	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	286771	48.08	ug/l	97
20) Methylene Chloride	2.86	84	87031	46.64	ug/l	93
21) trans-1,2-Dichloroethene	3.17	96	87850	48.83	ug/l	98
22) Diisopropyl ether	3.87	45	281695	55.88	ug/l	98
23) Vinyl Acetate	3.83	43	1376917	288.11	ug/l	99
24) 1,1-Dichloroethane	3.70	63	156459	49.36	ug/l	98
25) 2-Butanone	4.71	43	496256	273.28	ug/l	99
26) 2,2-Dichloropropane	4.59	77	110621	49.80	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	80286	47.75	ug/l	99
28) Bromochloromethane	5.03	49	85089	65.10	ug/l	99
29) Tetrahydrofuran	5.17	42	324996	290.88	ug/l	99
30) Chloroform	5.22	83	161540	54.38	ug/l	96
31) Cyclohexane	5.58	56	130510	53.26	ug/l	98
32) 1,1,1-Trichloroethane	5.51	97	139811	52.17	ug/l	99
36) 1,1-Dichloropropene	5.81	75	119496	53.83	ug/l	98
37) Ethyl Acetate	4.87	43	160719	53.01	ug/l	100
38) Carbon Tetrachloride	5.79	117	125608	53.94	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	158420	58.68	ug/l	98
40) Benzene	6.15	78	358083	55.55	ug/l	99
41) Methacrylonitrile	5.07	41	82873	51.84	ug/l	98
42) 1,2-Dichloroethane	6.20	62	138722	54.85	ug/l	99
43) Isopropyl Acetate	6.47	43	254914	56.48	ug/l	99
44) Trichloroethene	7.22	130	101137	54.77	ug/l	99
45) 1,2-Dichloropropane	7.52	63	93541	56.69	ug/l	99
46) Dibromomethane	7.67	93	70917	54.76	ug/l	97
47) Bromodichloromethane	7.90	83	134540	59.04	ug/l	99
48) Methyl methacrylate	7.79	41	126740	57.84	ug/l	99
49) 1,4-Dioxane	7.76	88	60007	1302.86	ug/l	99
51) 4-Methyl-2-Pentanone	8.66	43	1021209	292.32	ug/l	99
52) Toluene	8.79	92	244609	54.28	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	157678	59.72	ug/l	96
54) cis-1,3-Dichloropropene	9.05	75	151957	59.33	ug/l	97
55) 1,1,2-Trichloroethane	9.22	97	101487	54.76	ug/l	98
56) Ethyl methacrylate	9.19	69	159013	56.63	ug/l	99
57) 1,3-Dichloropropane	9.38	76	165774	55.93	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.32	63	273092	202.63	ug/l	98
59) 2-Hexanone	9.51	43	894474	301.54	ug/l	99
60) Dibromochloromethane	9.59	129	110426	50.32	ug/l	100
61) 1,2-Dibromoethane	9.68	107	109466	55.08	ug/l	99
64) Tetrachloroethene	9.34	164	97804	54.01	ug/l	95
65) Chlorobenzene	10.15	112	283561	54.60	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	101568	57.58	ug/l	98
67) Ethyl Benzene	10.26	91	492657	55.96	ug/l	99
68) m/p-Xylenes	10.37	106	406112	117.23	ug/l	100
69) o-Xylene	10.71	106	191734	57.16	ug/l	99
70) Styrene	10.72	104	339205	61.12	ug/l	97
71) Bromoform	10.87	173	89698	48.92	ug/l #	97
73) Isopropylbenzene	11.02	105	544959	50.90	ug/l	100
74) N-amyl acetate	6.47	43	254914	54.95	ug/l #	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	192525	50.84	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	176454m	50.81	ug/l	
77) Bromobenzene	11.26	156	136205	47.75	ug/l	100
78) n-propylbenzene	11.37	91	652835	51.14	ug/l	99
79) 2-Chlorotoluene	11.43	91	369763	50.14	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	496023	55.10	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.09	75	58502	54.54	ug/l	99
82) 4-Chlorotoluene	11.52	91	473655	53.79	ug/l	99
83) tert-Butylbenzene	11.78	119	474555	52.27	ug/l	99
84) 1,2,4-Trimethylbenzene	11.82	105	504997	53.50	ug/l	99
85) sec-Butylbenzene	11.95	105	619485	55.14	ug/l	99
86) p-Isopropyltoluene	12.07	119	561181	56.24	ug/l	100
87) 1,3-Dichlorobenzene	12.04	146	283323	52.53	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	304434	53.77	ug/l	98
89) n-Butylbenzene	12.40	91	527195	56.75	ug/l	99
90) Hexachloroethane	12.60	117	85054	54.16	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	283767	53.67	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.01	75	55789	52.82	ug/l	96

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ClientSampleId :
VSTDCCC050

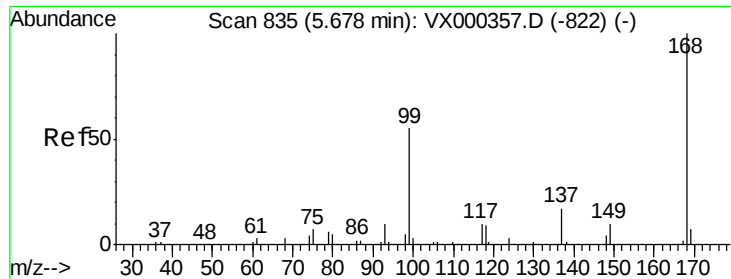
Manual Integrations
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MMDadoda
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Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X032018W.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	194256	51.25	ug/l	100
94) Hexachlorobutadiene	13.79	225	87493	55.75	ug/l	98
95) Naphthalene	13.84	128	692880	52.47	ug/l	99
96) 1,2,3-Trichlorobenzene	14.03	180	196009	52.33	ug/l	99

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



#1

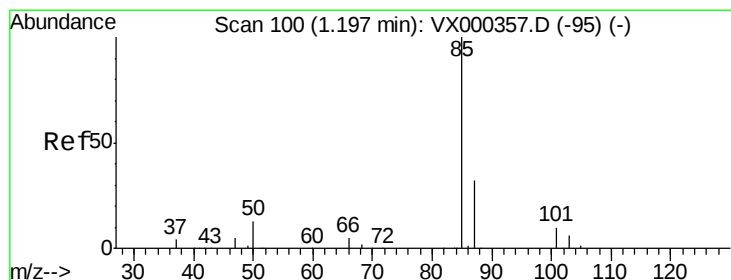
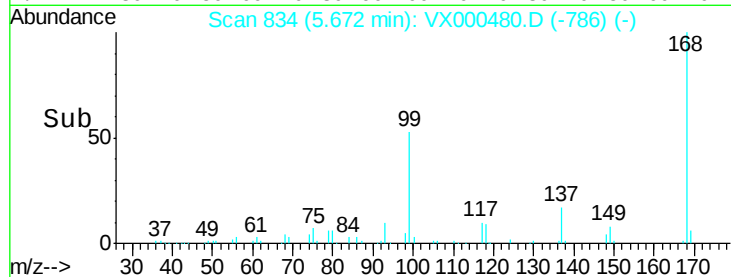
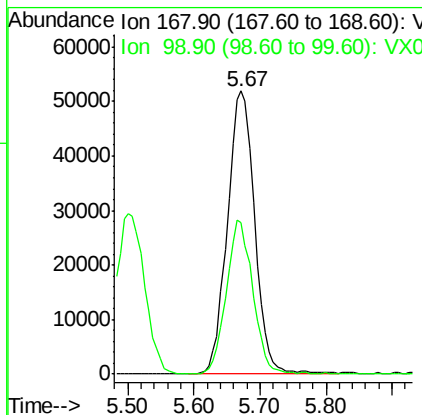
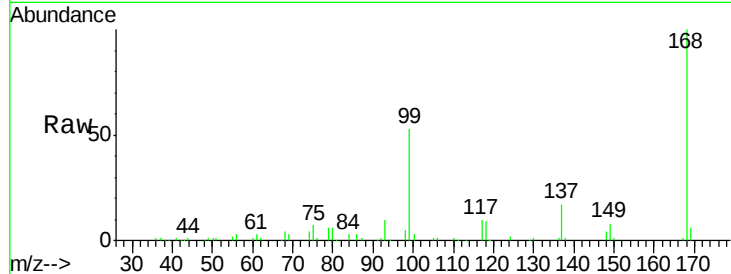
Pentafluorobenzene
 Concen: 50.00 ug/l
 RT: 5.67 min Scan# 834
 Delta R.T. -0.01 min
 Lab File: VX000480.D
 Acq: 28 Mar 2018 10:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
168	100		
99	53.3	45.8	68.6

Manual Integrations
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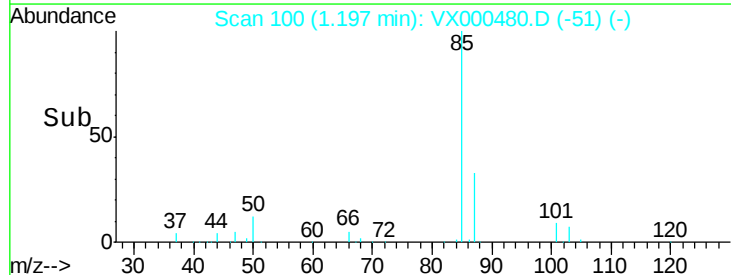
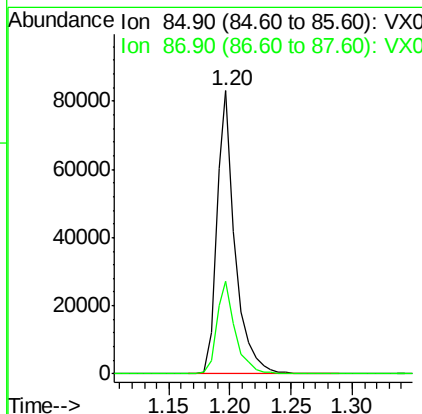
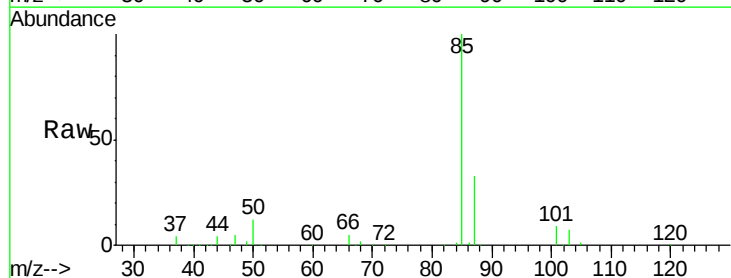
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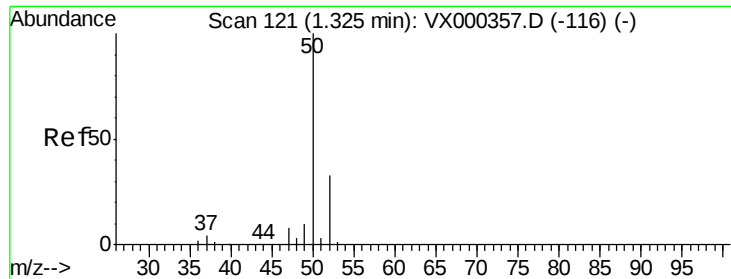


#2

Dichlorodifluoromethane
 Concen: 52.56 ug/l
 RT: 1.20 min Scan# 100
 Delta R.T. -0.00 min
 Lab File: VX000480.D
 Acq: 28 Mar 2018 10:45

Tgt Ion	Ratio	Lower	Upper
85	100		
87	32.9	16.8	50.3





#3

Chloromethane

Concen: 46.05 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX000480.D

Acq: 28 Mar 2018 10:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 79546

Ion Ratio Lower Upper

50 100

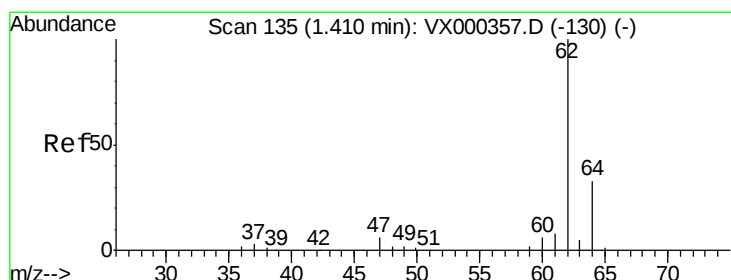
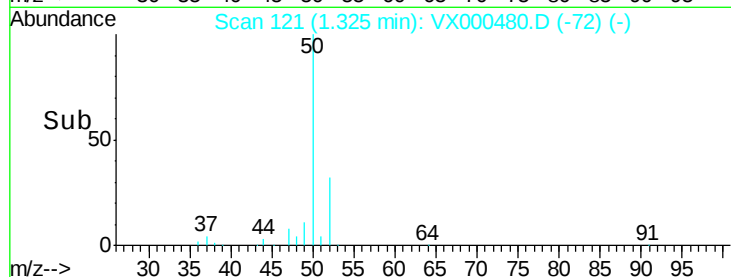
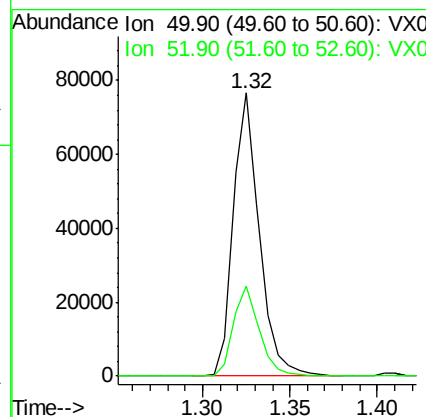
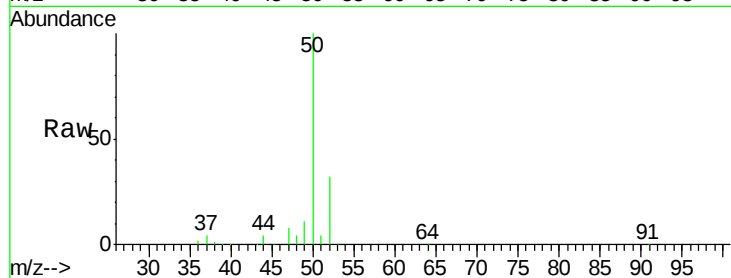
52 31.9 27.5 41.3

Manual Integrations

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#4

Vinyl Chloride

Concen: 53.14 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.01 min

Lab File: VX000480.D

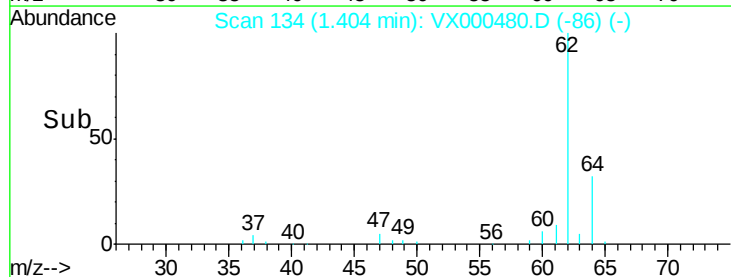
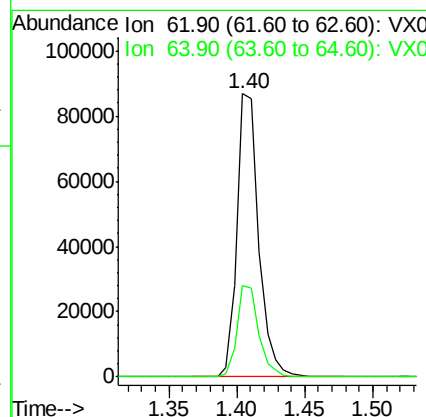
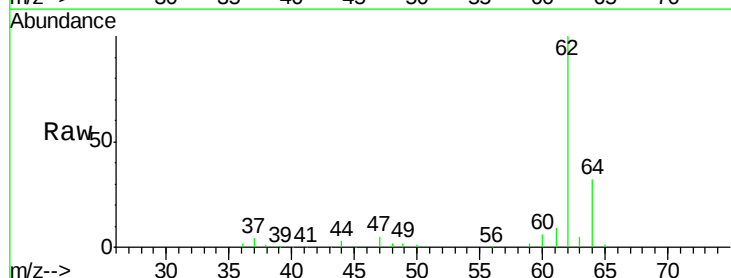
Acq: 28 Mar 2018 10:45

Tgt Ion: 62 Resp: 97000

Ion Ratio Lower Upper

62 100

64 32.4 24.8 37.2





#5

Bromomethane

Concen: 60.20 ug/l

RT: 1.64 min Scan# 172

Delta R.T. -0.01 min

Lab File: VX000480.D

Acq: 28 Mar 2018 10:45

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion: 94 Resp: 131580

Ion Ratio Lower Upper

94 100

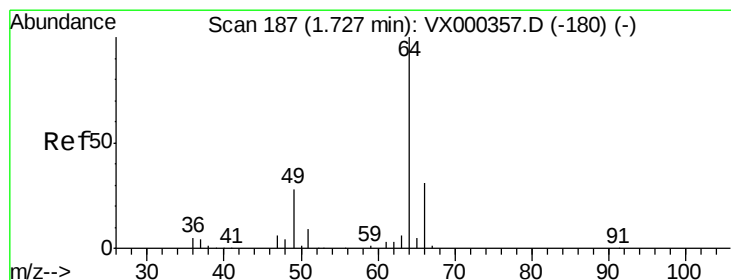
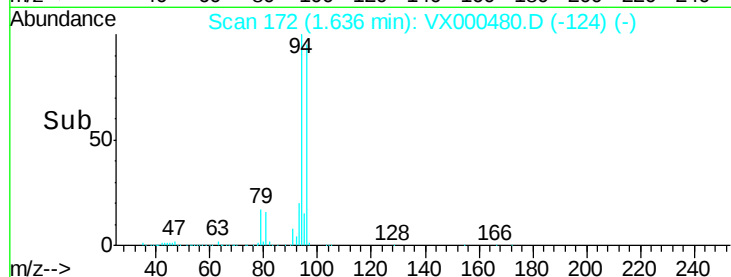
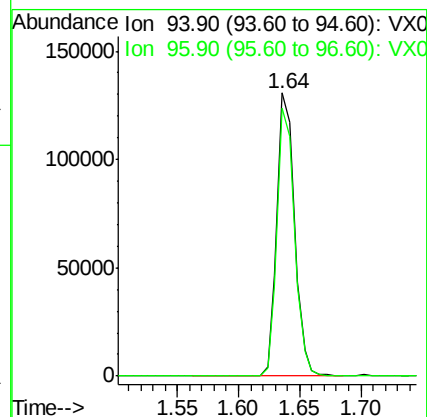
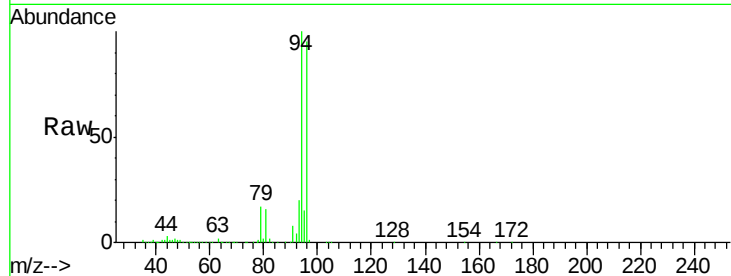
96 94.6 77.7 116.5

Manual Integrations

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#6

Chloroethane

Concen: 55.16 ug/l

RT: 1.72 min Scan# 186

Delta R.T. -0.01 min

Lab File: VX000480.D

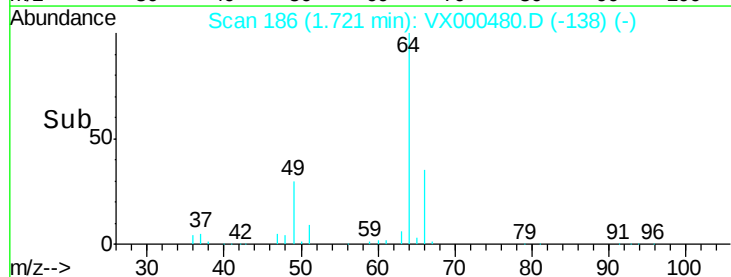
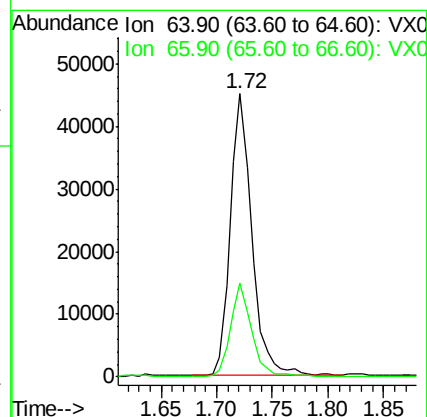
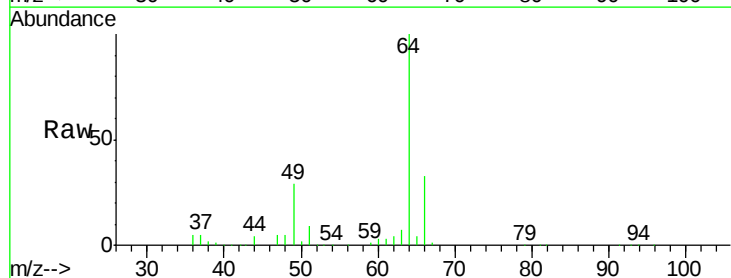
Acq: 28 Mar 2018 10:45

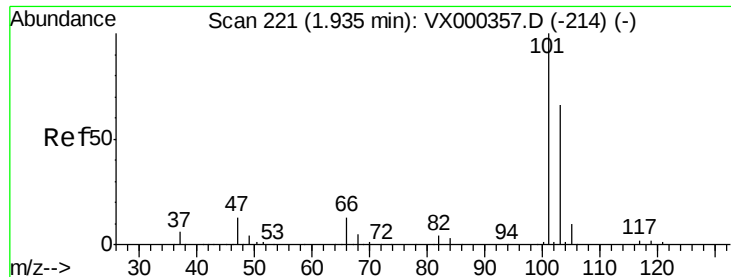
Tgt Ion: 64 Resp: 60466

Ion Ratio Lower Upper

64 100

66 33.5 24.8 37.2





#7

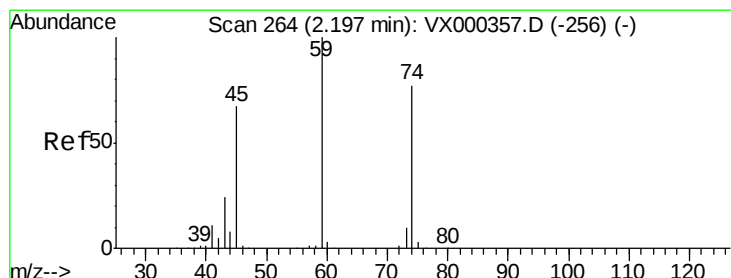
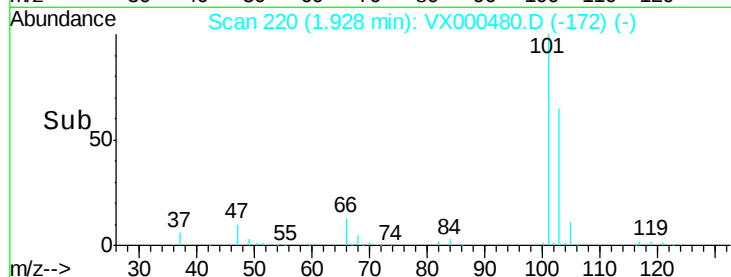
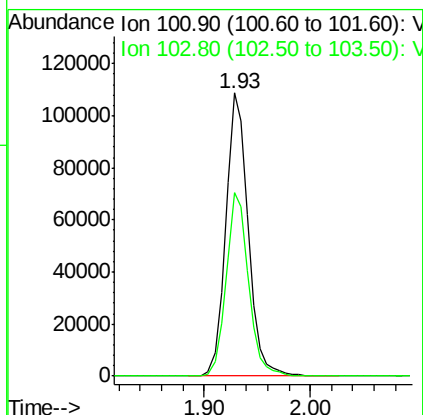
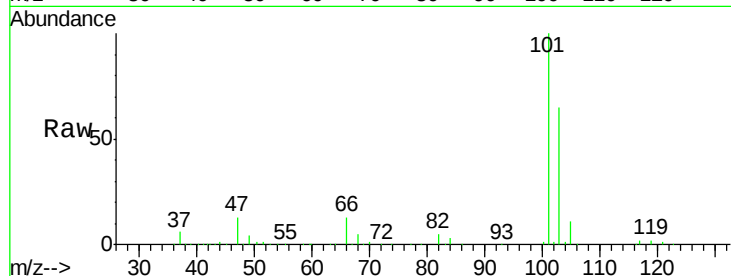
Trichlorofluoromethane
Concen: 48.57 ug/l
RT: 1.93 min Scan# 220
Delta R.T. -0.01 min
Lab File: VX000480.D
Acq: 28 Mar 2018 10:45

Instrument :
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ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.8	51.6	77.4

Manual Integrations
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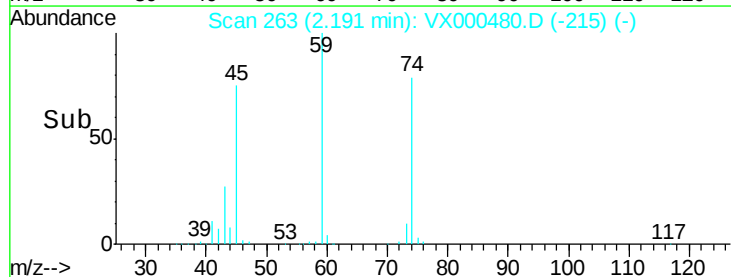
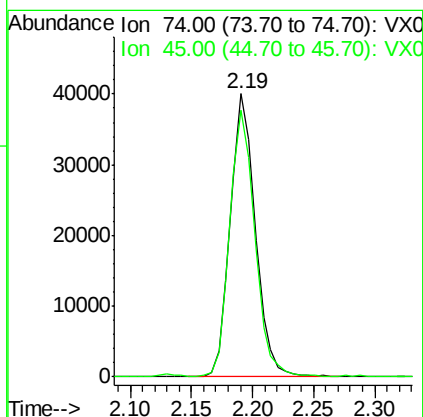
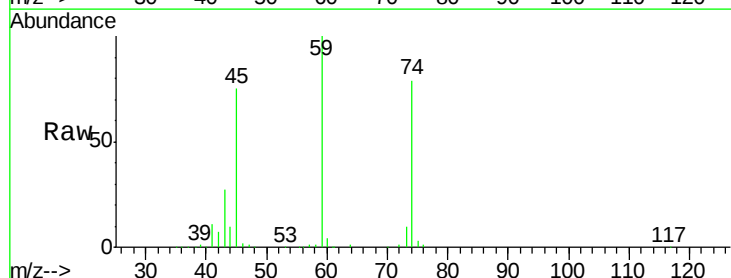
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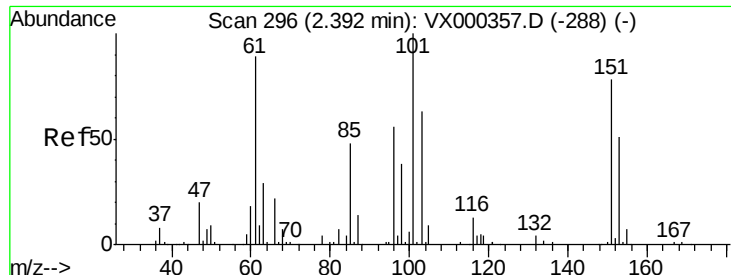


#8

Diethyl Ether
Concen: 48.12 ug/l
RT: 2.19 min Scan# 263
Delta R.T. -0.01 min
Lab File: VX000480.D
Acq: 28 Mar 2018 10:45

Tgt Ion	Ratio	Lower	Upper
74	100		
45	93.6	45.1	135.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.23 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.01 min

Lab File: VX000480.D

Acq: 28 Mar 2018 10:45

Instrument :

MSVOA_X

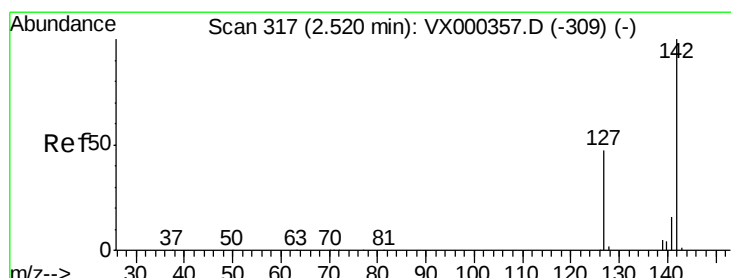
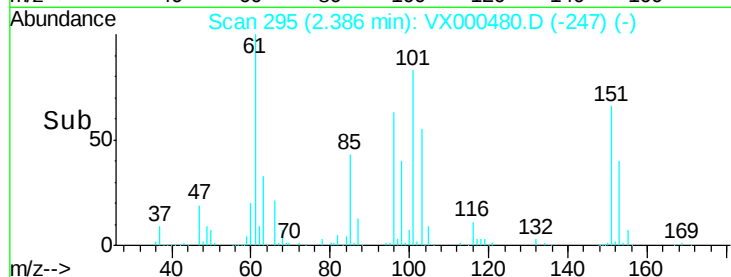
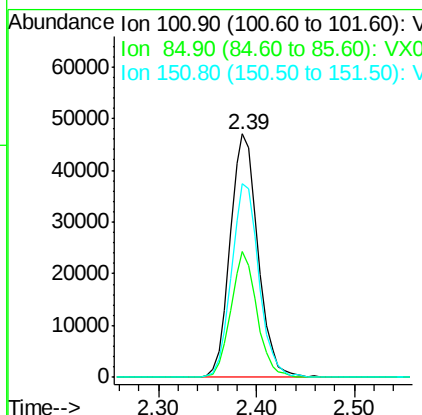
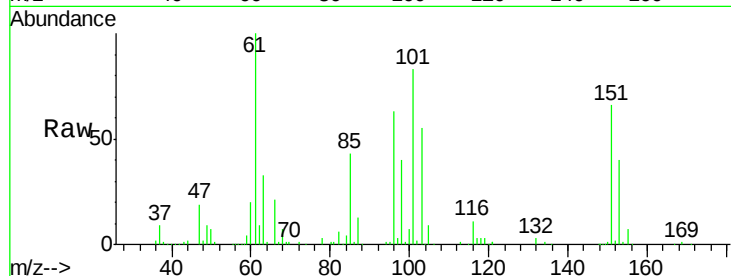
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	92271
Ion Ratio	Lower	Upper	
101	100		
85	48.5	37.6	56.4
151	78.8	62.6	93.8

Manual Integrations
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#10

Methyl Iodide

Concen: 40.88 ug/l

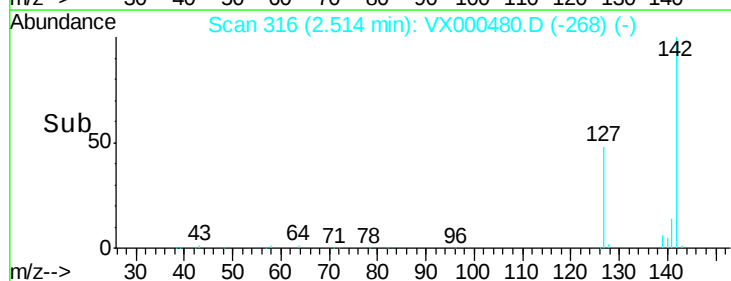
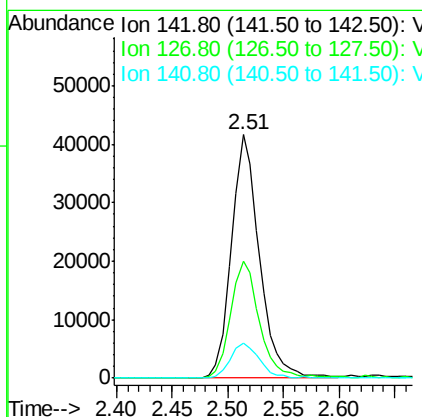
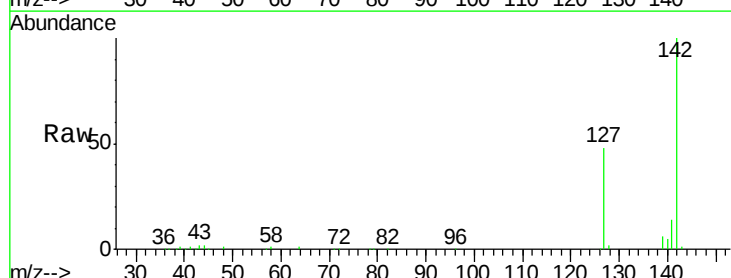
RT: 2.51 min Scan# 316

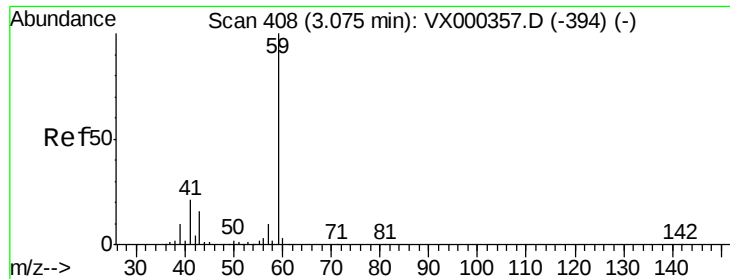
Delta R.T. -0.01 min

Lab File: VX000480.D

Acq: 28 Mar 2018 10:45

Tgt Ion:	142	Resp:	72856
Ion Ratio	Lower	Upper	
142	100		
127	49.7	39.2	58.8
141	15.0	11.7	17.5





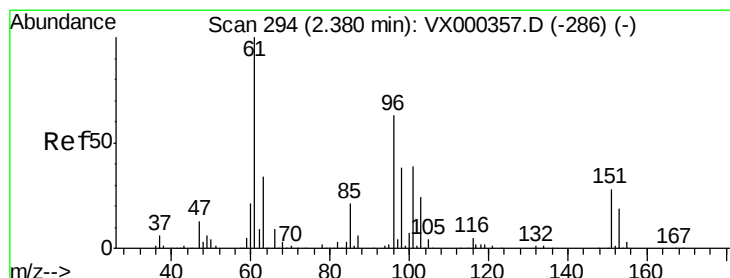
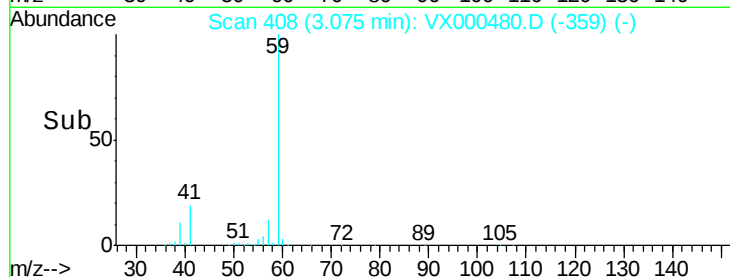
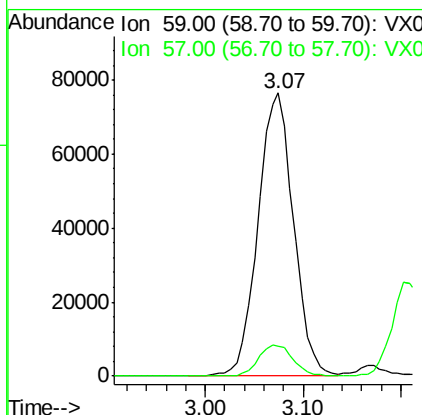
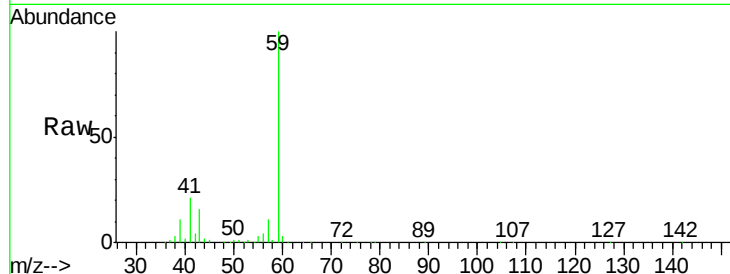
#11
Tert butyl alcohol
Concen: 290.39 ug/l
RT: 3.07 min Scan# 408
Delta R.T. -0.00 min
Lab File: VX000480.D
Acq: 28 Mar 2018 10:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 59 Resp: 193994
Ion Ratio Lower Upper
59 100
57 10.7 8.4 12.6

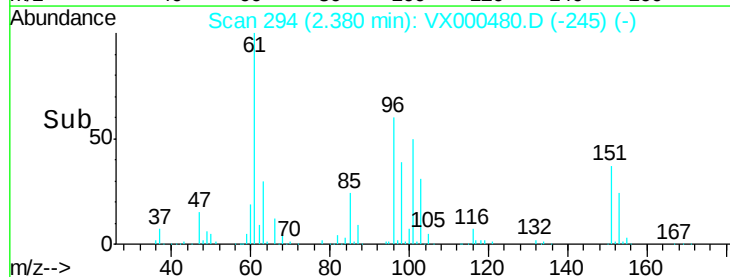
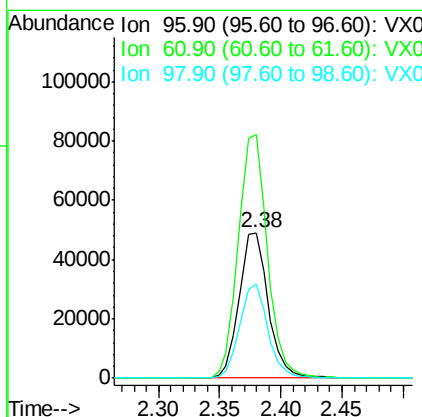
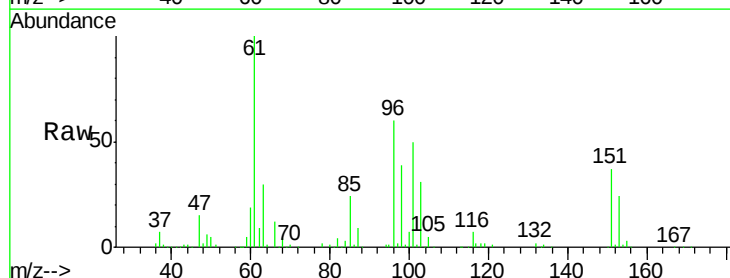
Manual Integrations
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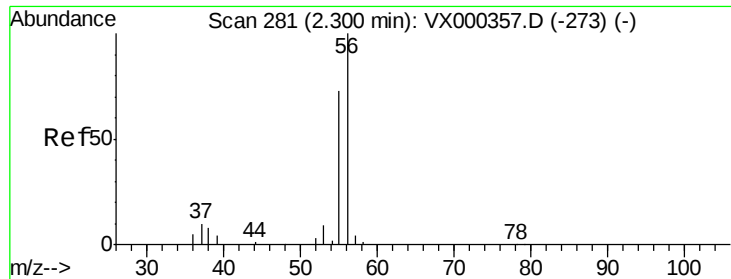
MMDadoda
3/29/2018 11:19:39 AM



#12
1,1-Dichloroethene
Concen: 50.30 ug/l
RT: 2.38 min Scan# 294
Delta R.T. -0.00 min
Lab File: VX000480.D
Acq: 28 Mar 2018 10:45

Tgt Ion: 96 Resp: 81108
Ion Ratio Lower Upper
96 100
61 167.7 131.2 196.8
98 64.6 49.8 74.8





#13

Acrolein

Concen: 268.60 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.00 min

Lab File: VX000480.D

Acq: 28 Mar 2018 10:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 57537

Ion Ratio Lower Upper

56 100

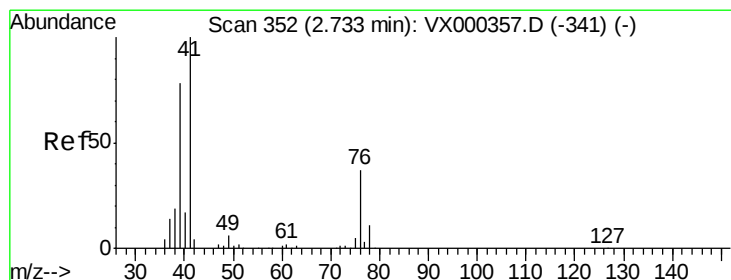
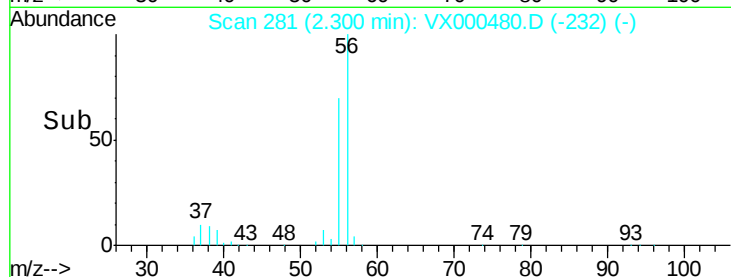
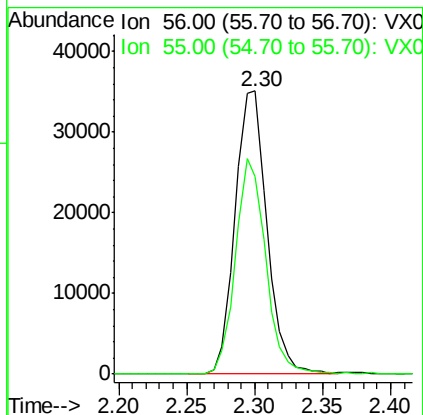
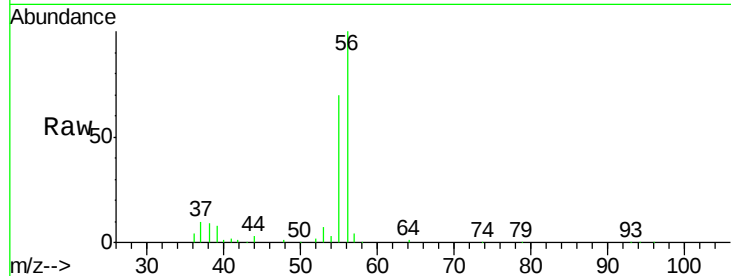
55 72.3 58.8 88.2

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#14

Allyl chloride

Concen: 51.16 ug/l

RT: 2.73 min Scan# 352

Delta R.T. 0.00 min

Lab File: VX000480.D

Acq: 28 Mar 2018 10:45

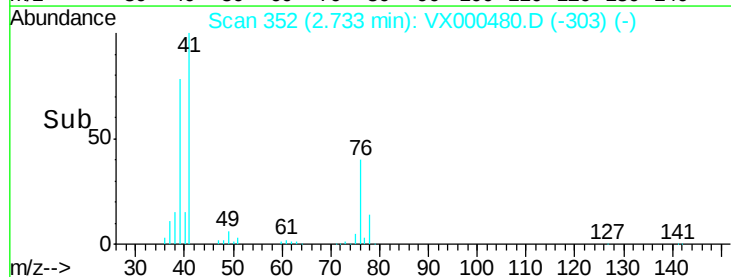
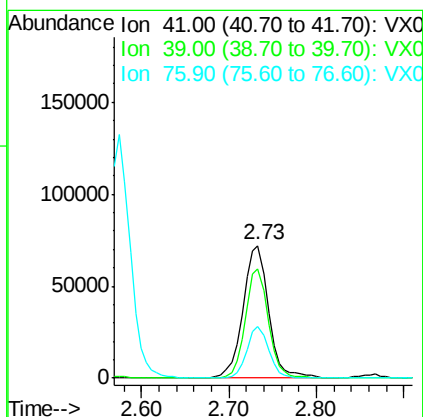
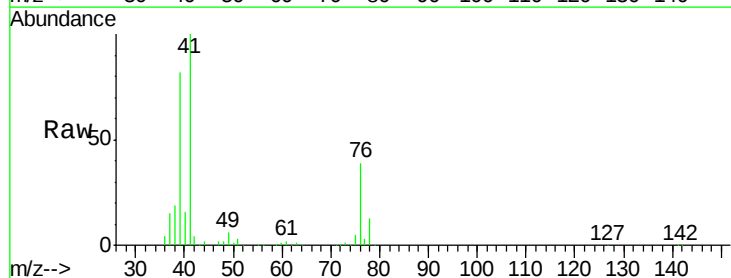
Tgt Ion: 41 Resp: 145697

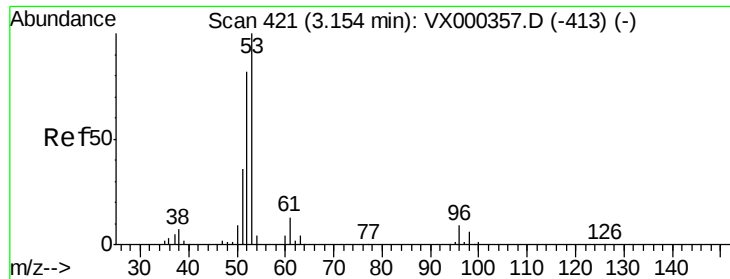
Ion Ratio Lower Upper

41 100

39 74.2 57.6 86.4

76 33.8 27.3 40.9





#15

Acrylonitrile

Concen: 259.04 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.00 min

Lab File: VX000480.D

Acq: 28 Mar 2018 10:45

Instrument :

MSVOA_X

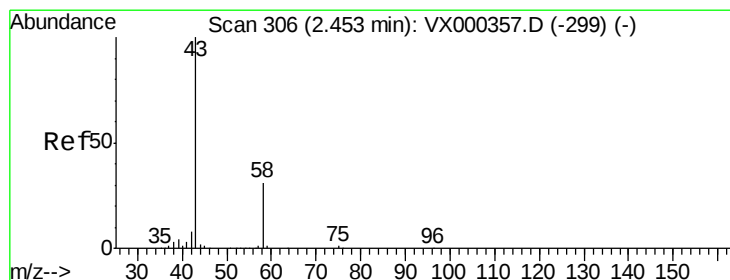
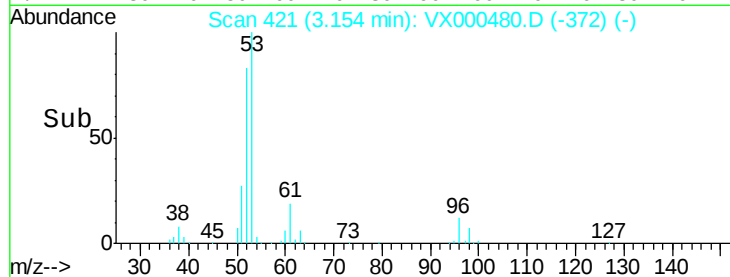
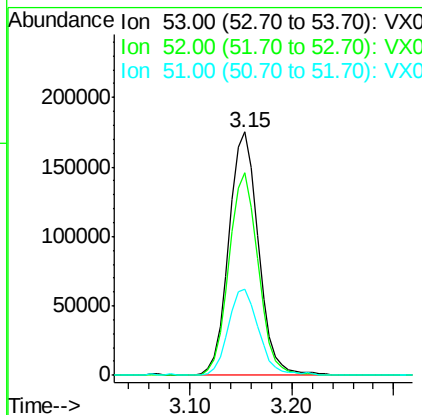
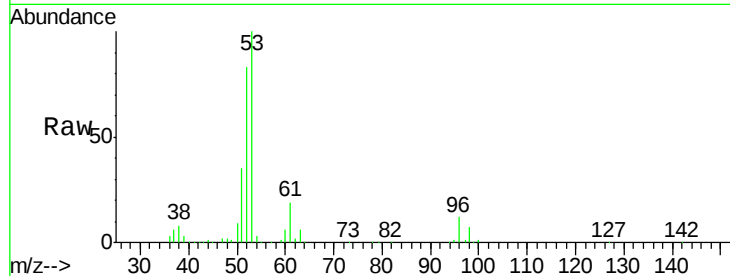
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	350494
Ion Ratio	Lower	Upper	
53	100		
52	82.5	66.6	99.8
51	36.7	29.3	43.9

Manual Integrations
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#16

Acetone

Concen: 284.51 ug/l

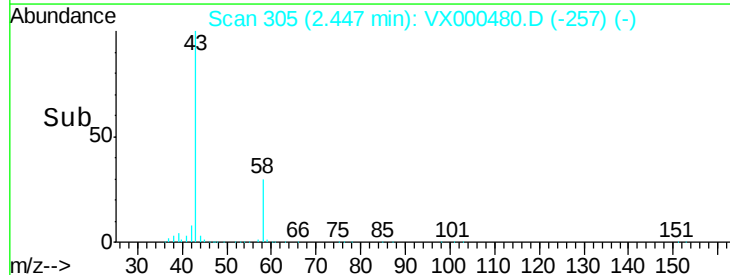
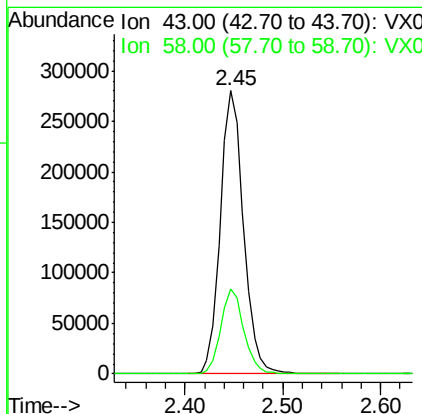
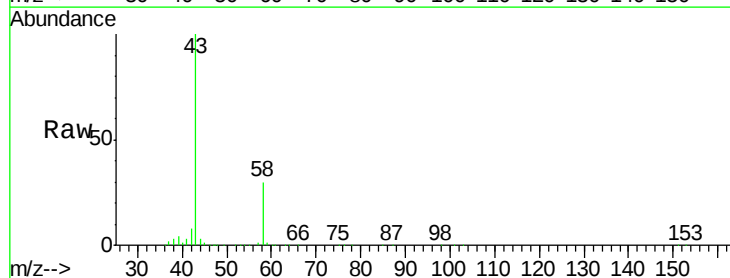
RT: 2.45 min Scan# 305

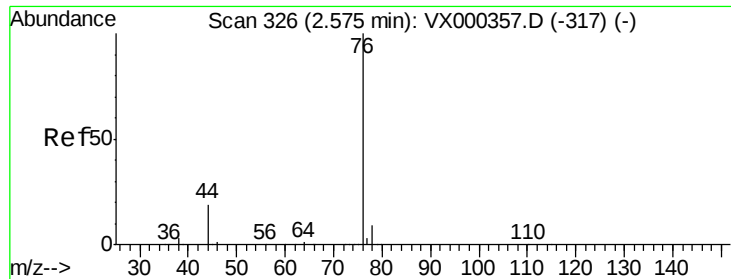
Delta R.T. -0.01 min

Lab File: VX000480.D

Acq: 28 Mar 2018 10:45

Tgt Ion:	43	Resp:	459658
Ion Ratio	Lower	Upper	
43	100		
58	29.9	24.7	37.1





#17

Carbon Disulfide

Concen: 51.63 ug/l

RT: 2.57 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX000480.D

Acq: 28 Mar 2018 10:45

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion: 76 Resp: 221488

Ion Ratio Lower Upper

76 100

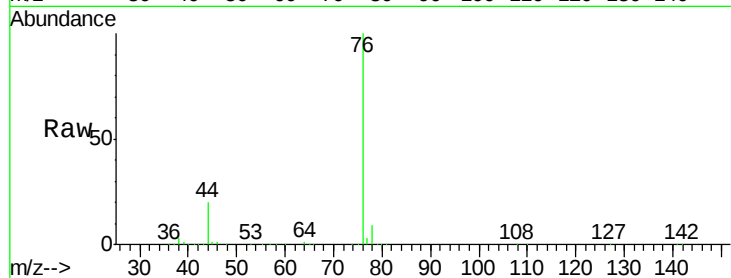
78 9.5 7.0 10.6

Manual Integrations

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.57

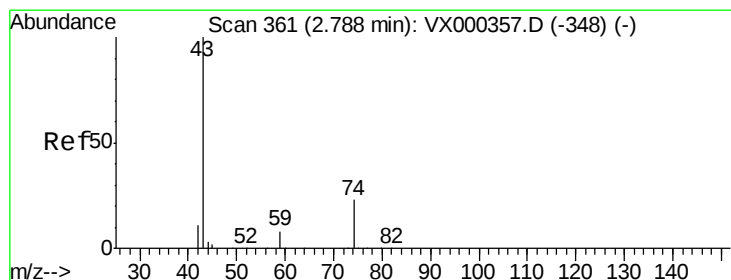
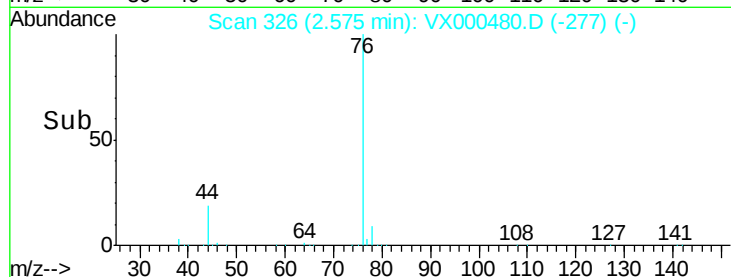
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 51.73 ug/l

RT: 2.78 min Scan# 360

Delta R.T. -0.01 min

Lab File: VX000480.D

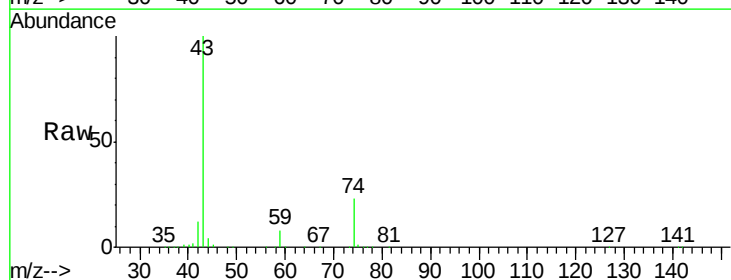
Acq: 28 Mar 2018 10:45

Tgt Ion: 43 Resp: 175216

Ion Ratio Lower Upper

43 100

74 23.9 19.4 29.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.78

100000

80000

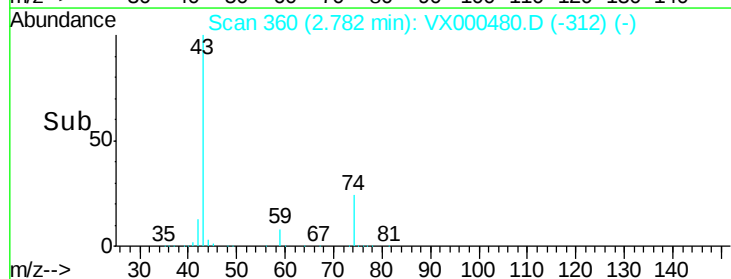
60000

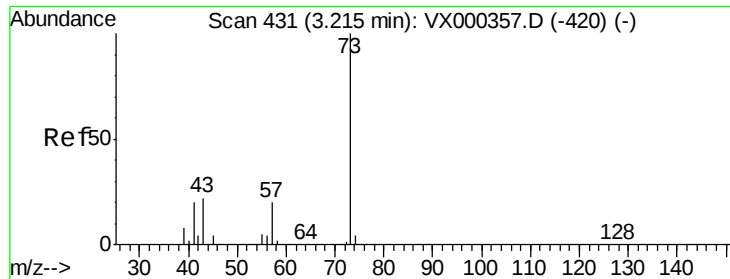
40000

20000

0

Time-->





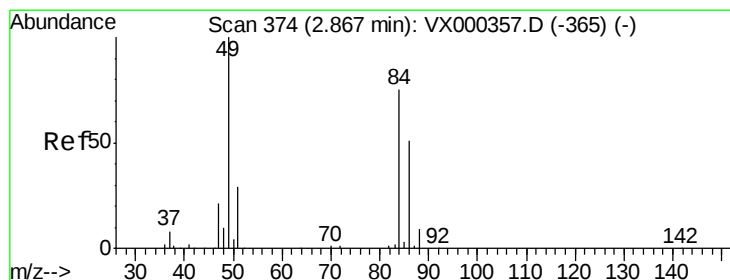
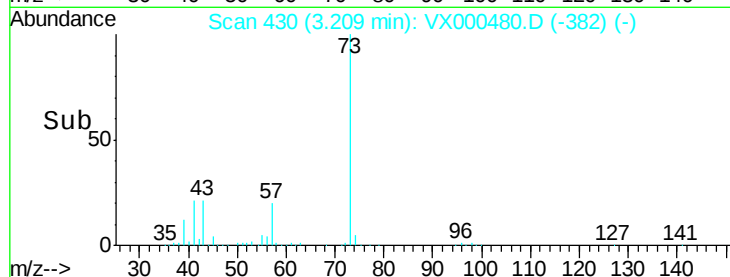
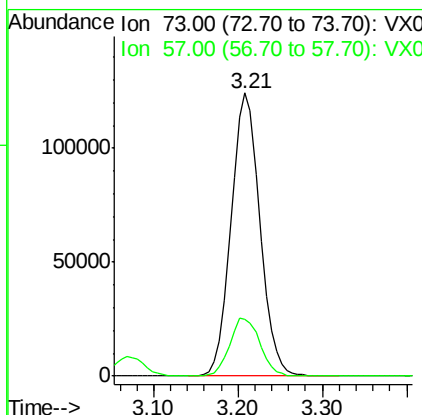
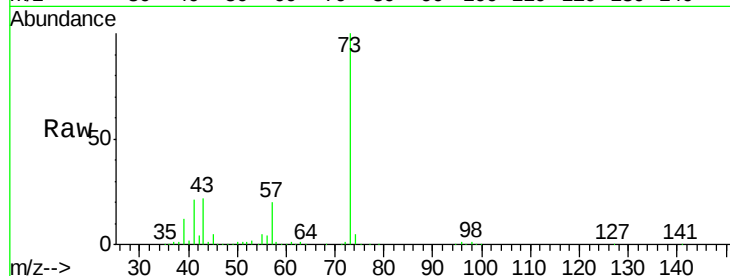
#19
Methyl tert-butyl Ether
Concen: 48.08 ug/l
RT: 3.21 min Scan# 430
Delta R.T. -0.01 min
Lab File: VX000480.D
Acq: 28 Mar 2018 10:45

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	20.2	17.2	25.8

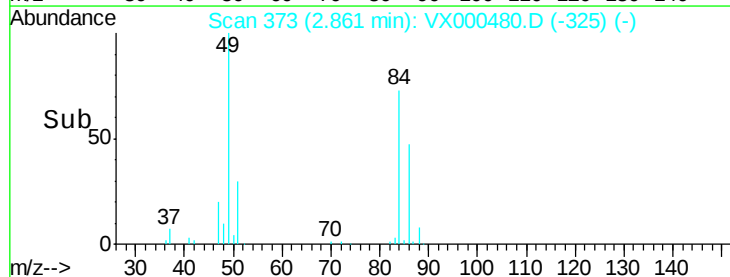
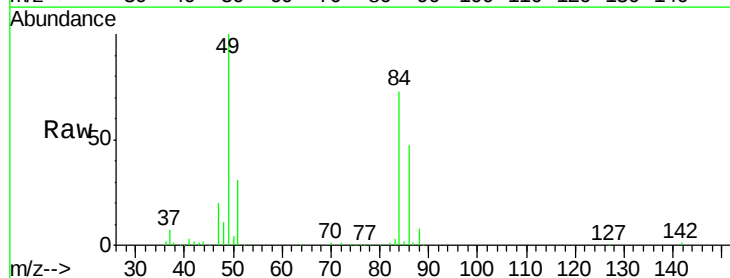
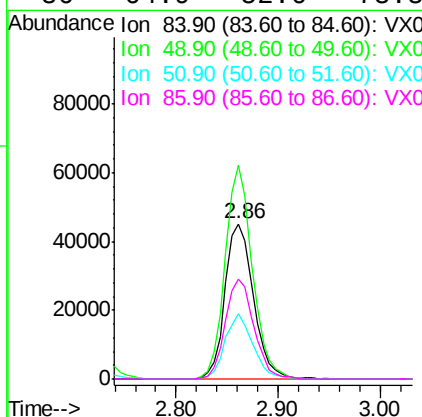
Manual Integrations
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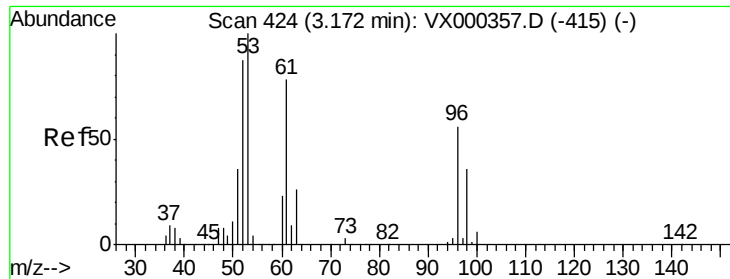
MMDadoda
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#20
Methylene Chloride
Concen: 46.64 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.01 min
Lab File: VX000480.D
Acq: 28 Mar 2018 10:45

Tgt Ion	Ratio	Lower	Upper
84	100		
49	137.6	100.6	151.0
51	42.1	31.6	47.4
86	64.9	52.6	78.8





#21

trans-1,2-Dichloroethene

Concen: 48.83 ug/l

RT: 3.17 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX000480.D

Acq: 28 Mar 2018 10:45

Instrument :

MSVOA_X

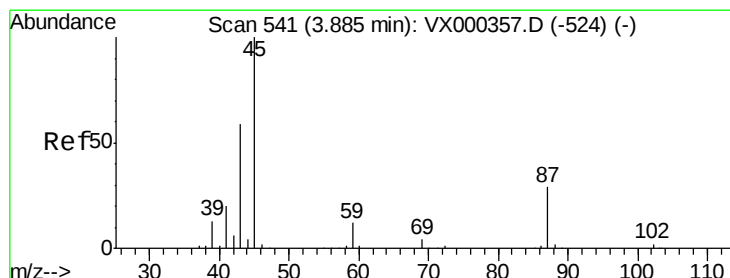
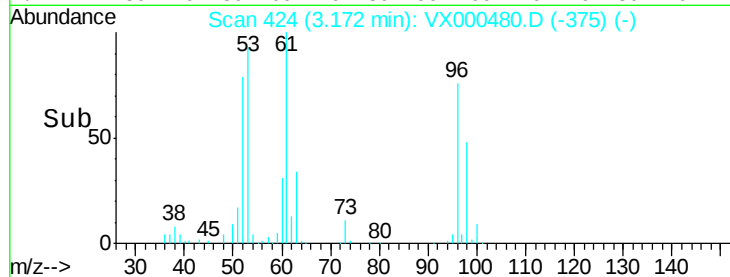
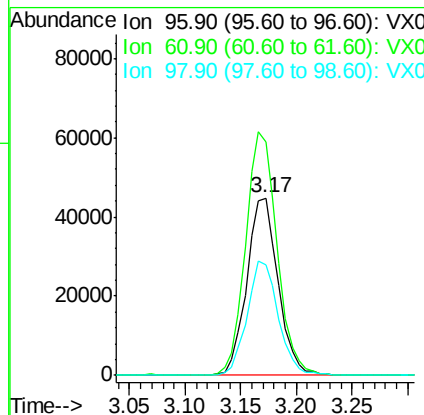
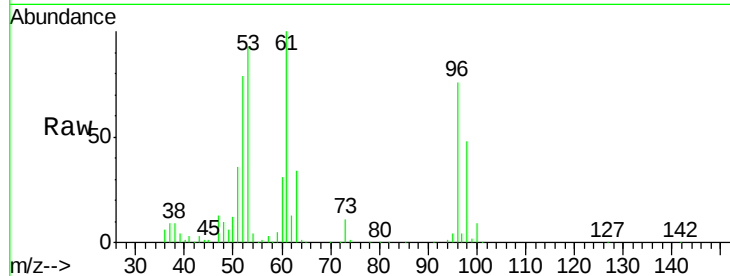
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	87850
Ion	Ratio	Lower	Upper
96	100		
61	131.5	104.0	156.0
98	62.5	52.1	78.1

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#22

Diisopropyl ether

Concen: 55.88 ug/l

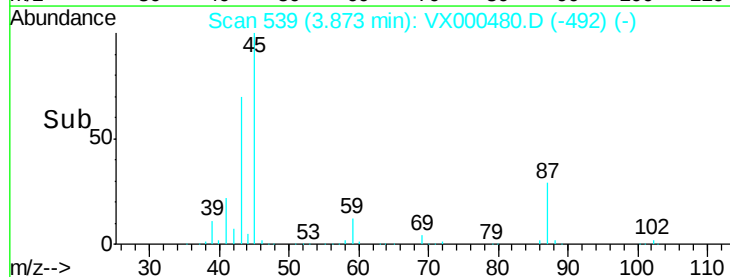
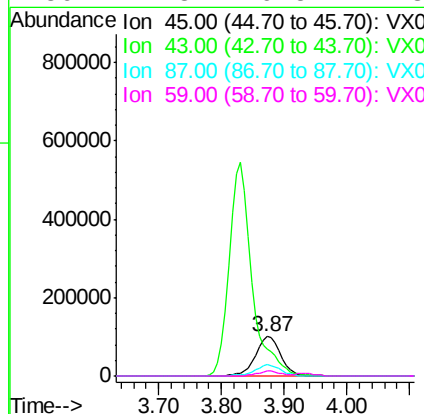
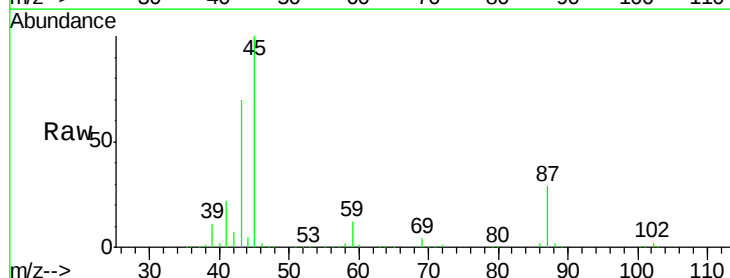
RT: 3.87 min Scan# 539

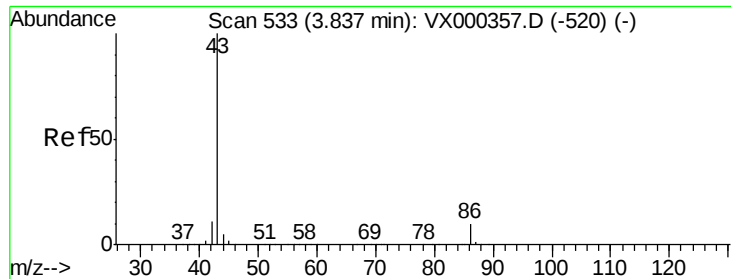
Delta R.T. -0.01 min

Lab File: VX000480.D

Acq: 28 Mar 2018 10:45

Tgt Ion:	45	Resp:	281695
Ion	Ratio	Lower	Upper
45	100		
43	69.6	53.9	80.9
87	28.9	22.6	34.0
59	11.8	9.5	14.3





#23

Vinyl Acetate

Concen: 288.11 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.01 min

Lab File: VX000480.D

Acq: 28 Mar 2018 10:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1376917

Ion Ratio Lower Upper

43 100

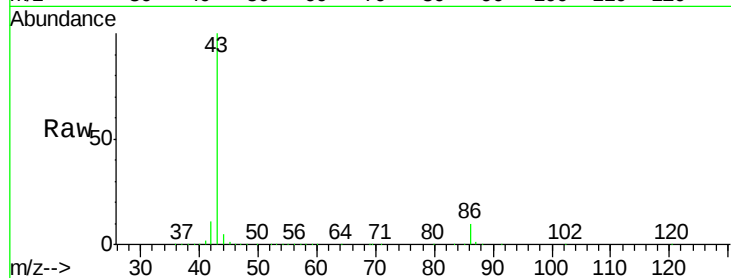
86 10.2 8.6 12.8

Manual Integrations

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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

600000

500000

400000

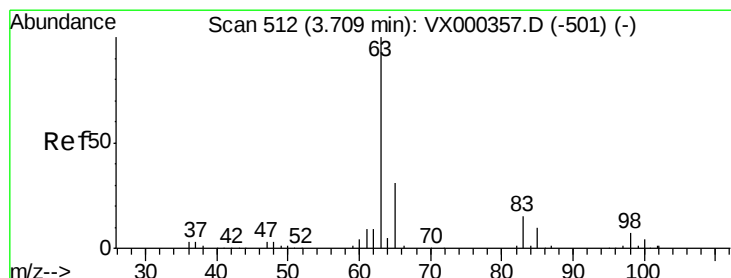
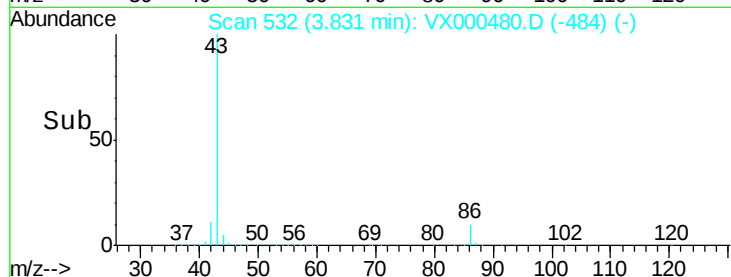
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 49.36 ug/l

RT: 3.70 min Scan# 511

Delta R.T. -0.01 min

Lab File: VX000480.D

Acq: 28 Mar 2018 10:45

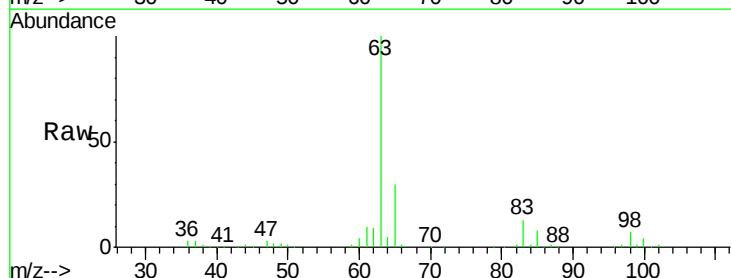
Tgt Ion: 63 Resp: 156459

Ion Ratio Lower Upper

63 100

98 7.2 3.3 9.9

100 4.3 2.0 5.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

3.70

80000

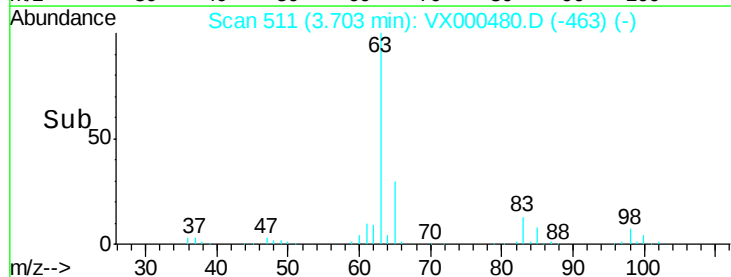
60000

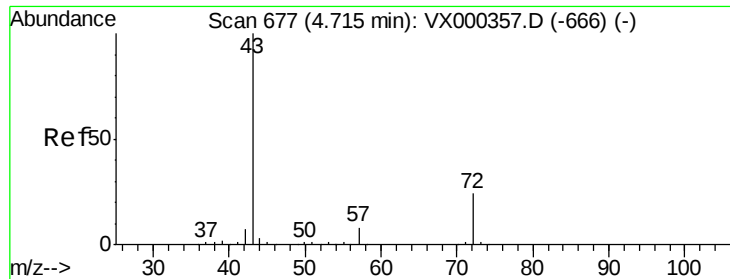
40000

20000

0

Time-->





#25

2-Butanone

Concen: 273.28 ug/l

RT: 4.71 min Scan# 676

Delta R.T. -0.01 min

Lab File: VX000480.D

Acq: 28 Mar 2018 10:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 496256

Ion Ratio Lower Upper

43 100

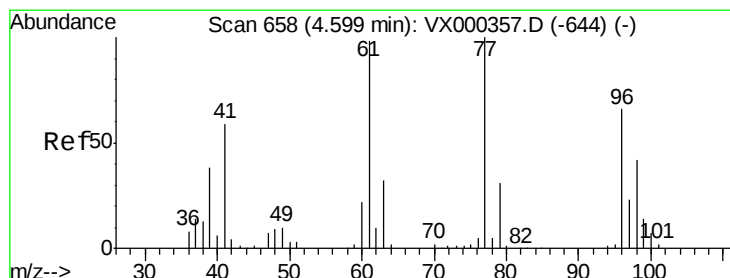
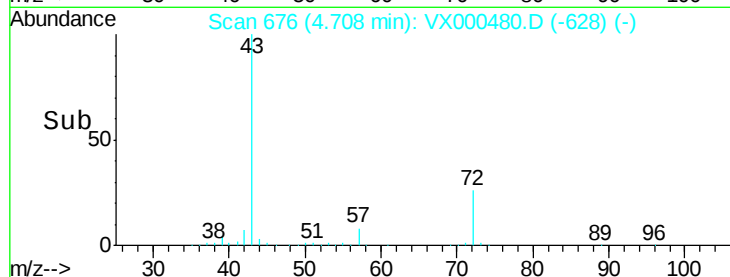
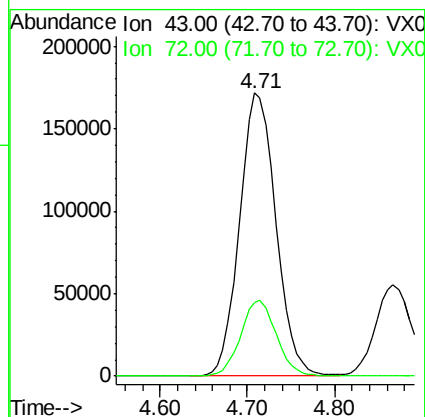
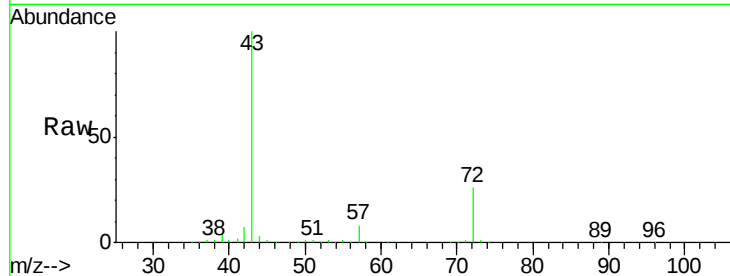
72 25.9 21.0 31.6

Manual Integrations

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3/29/2018 11:19:39 AM



#26

2,2-Dichloropropane

Concen: 49.80 ug/l

RT: 4.59 min Scan# 657

Delta R.T. -0.01 min

Lab File: VX000480.D

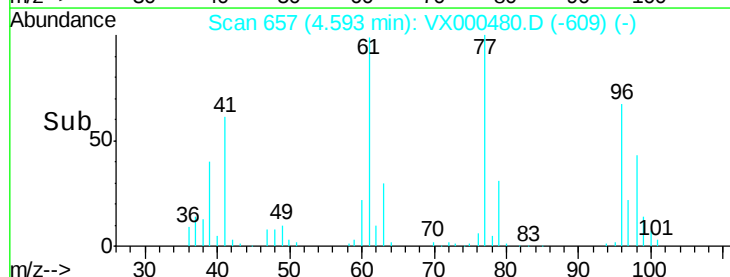
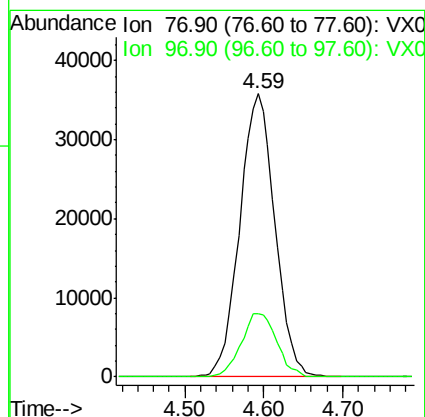
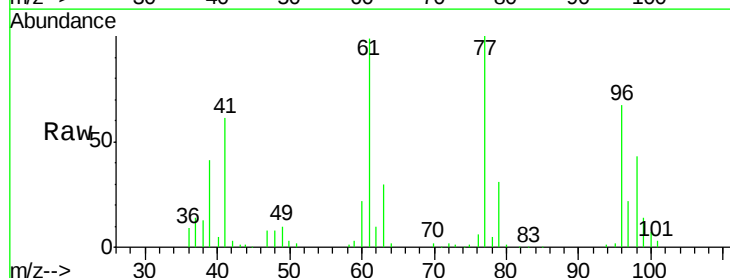
Acq: 28 Mar 2018 10:45

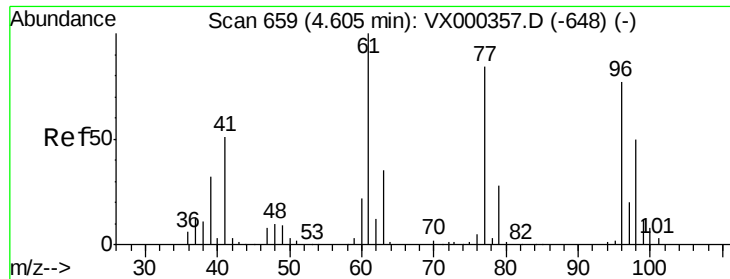
Tgt Ion: 77 Resp: 110621

Ion Ratio Lower Upper

77 100

97 22.8 11.3 33.8





#27

cis-1,2-Dichloroethene

Concen: 47.75 ug/l

RT: 4.60 min Scan# 659

Delta R.T. -0.00 min

Lab File: VX000480.D

Acq: 28 Mar 2018 10:45

Instrument :

MSVOA_X

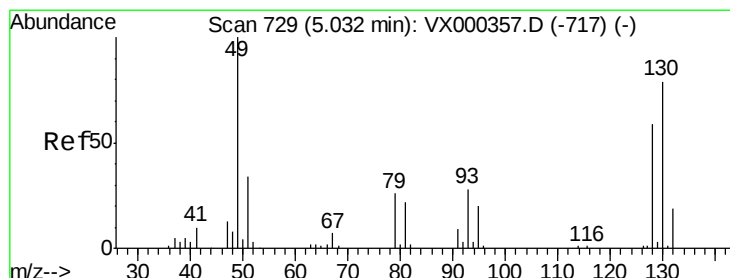
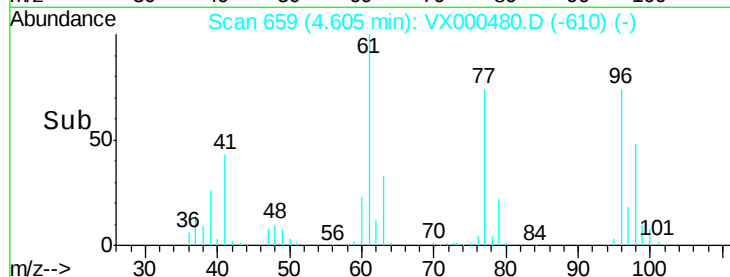
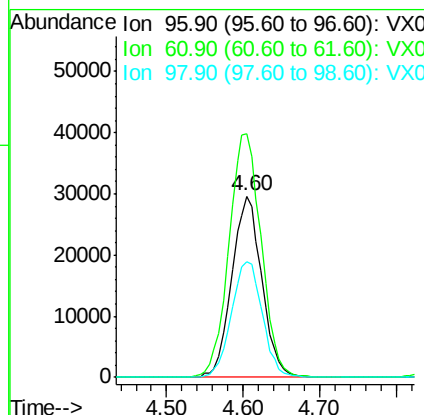
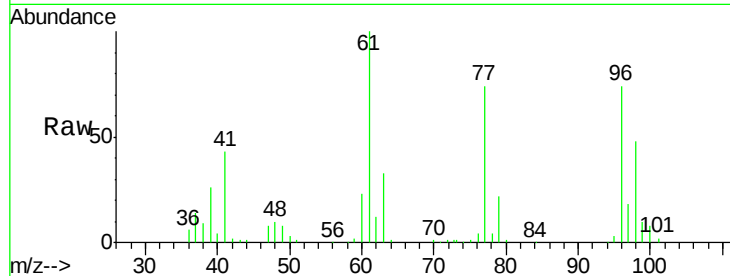
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	80286
Ion	Ratio	Lower	Upper
96	100		
61	144.6	0.0	291.6
98	65.8	0.0	132.0

Manual Integrations
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#28

Bromochloromethane

Concen: 65.10 ug/l

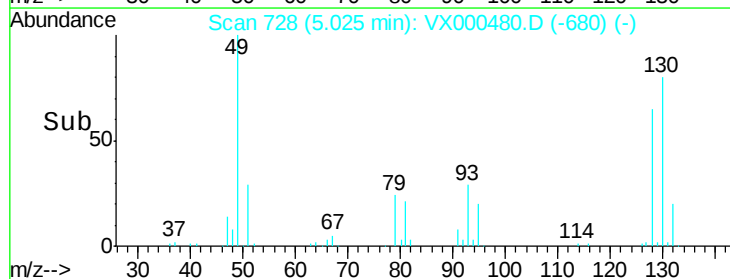
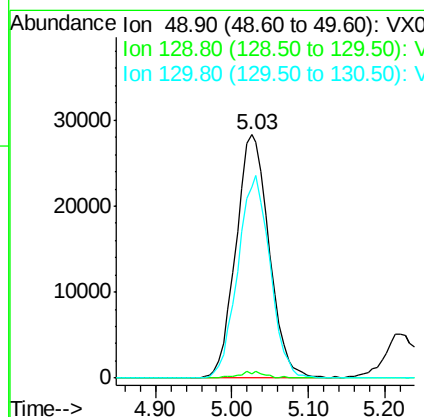
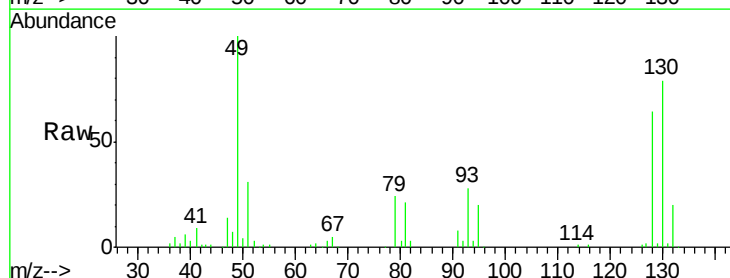
RT: 5.03 min Scan# 728

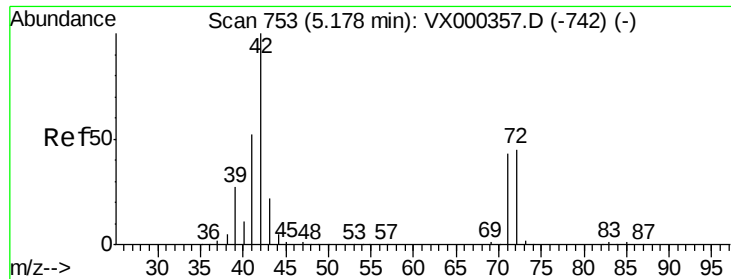
Delta R.T. -0.01 min

Lab File: VX000480.D

Acq: 28 Mar 2018 10:45

Tgt Ion:	49	Resp:	85089
Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	5.0
130	80.7	64.0	96.0





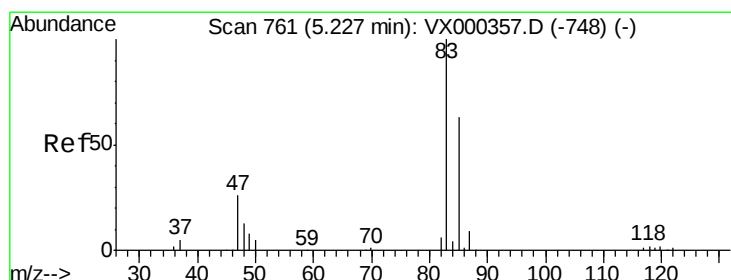
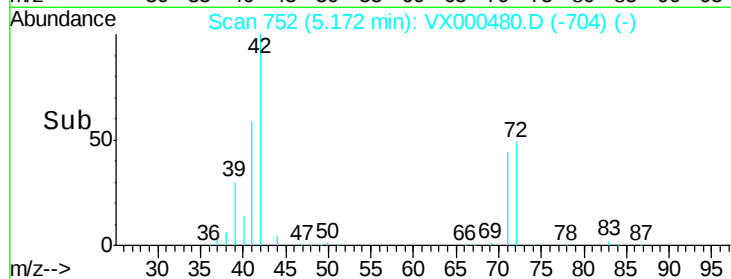
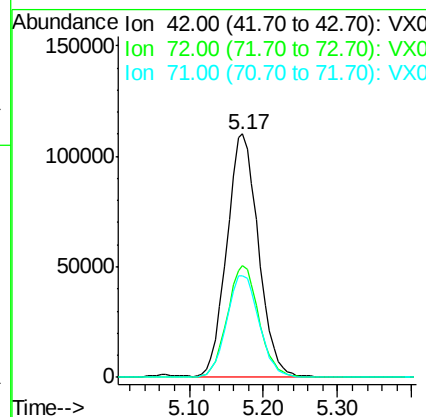
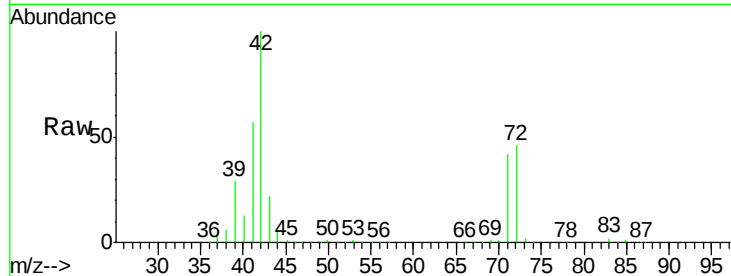
#29
Tetrahydrofuran
Concen: 290.88 ug/l
RT: 5.17 min Scan# 752
Delta R.T. -0.01 min
Lab File: VX000480.D
Acq: 28 Mar 2018 10:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	46.1	37.9	56.9
71	43.0	34.4	51.6

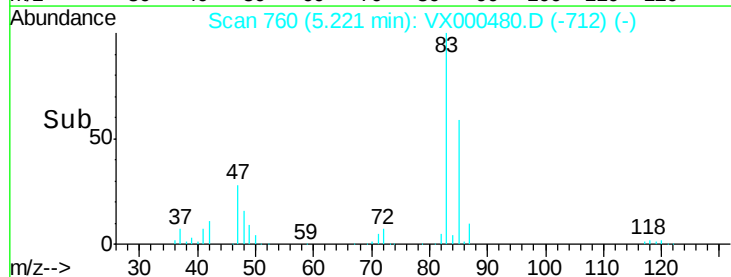
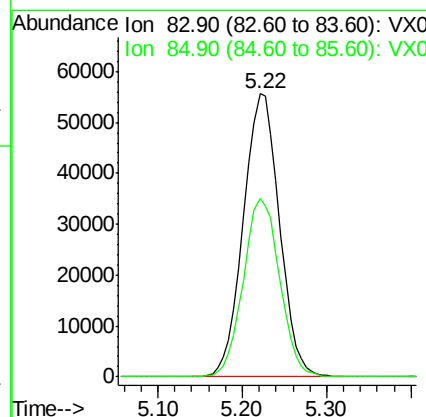
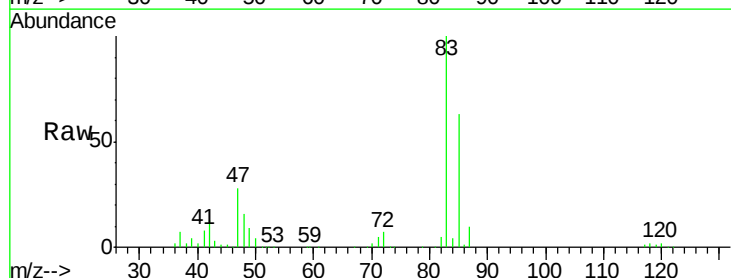
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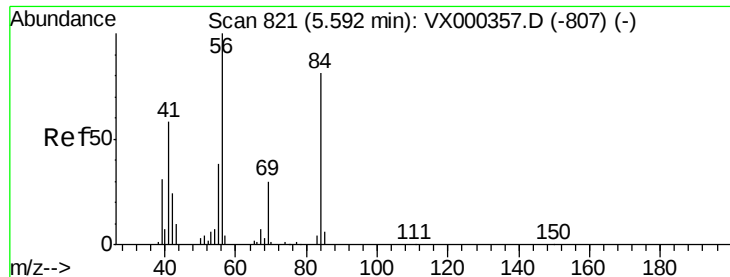
MMDadoda
3/29/2018 11:19:39 AM



#30
Chloroform
Concen: 54.38 ug/l
RT: 5.22 min Scan# 760
Delta R.T. -0.01 min
Lab File: VX000480.D
Acq: 28 Mar 2018 10:45

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.2	53.3	79.9





#31

Cyclohexane

Concen: 53.26 ug/l

RT: 5.58 min Scan# 819

Delta R.T. -0.01 min

Lab File: VX000480.D

Acq: 28 Mar 2018 10:45

Instrument :

MSVOA_X

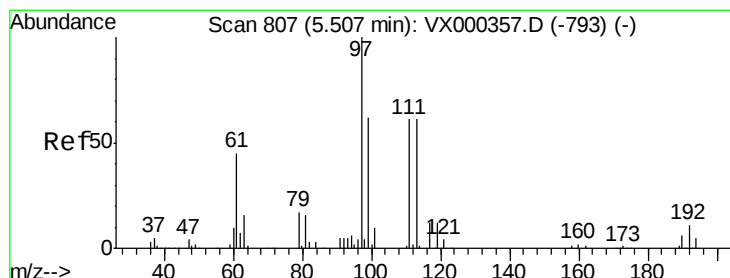
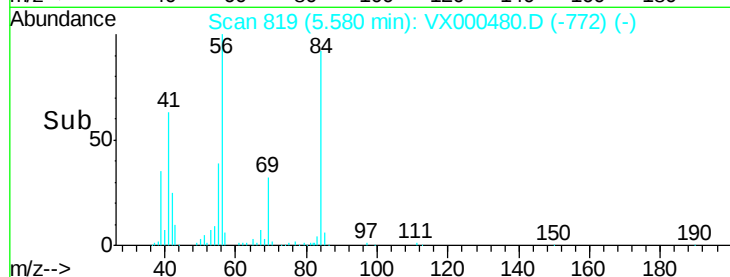
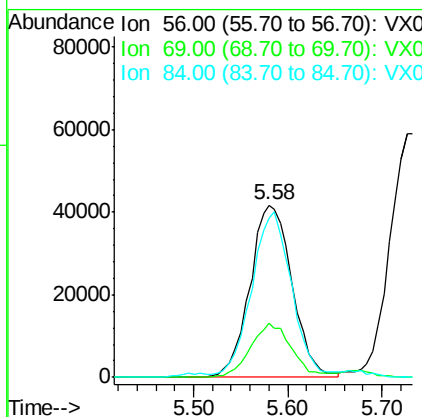
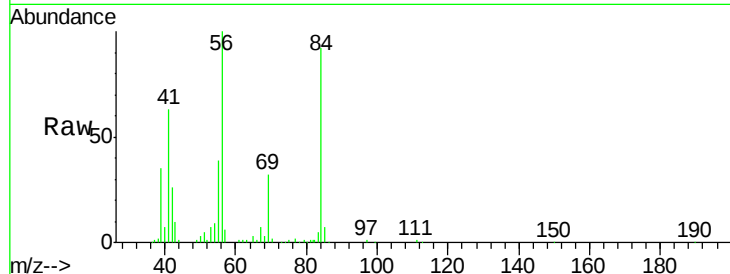
ClientSampleId :

VSTDCCC050

Tot Ion:	56	Resp:	130510
Ion	Ratio	Lower	Upper
56	100		
69	31.7	23.4	35.0
84	89.7	71.0	106.4

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#32

1,1,1-Trichloroethane

Concen: 52.17 ug/l

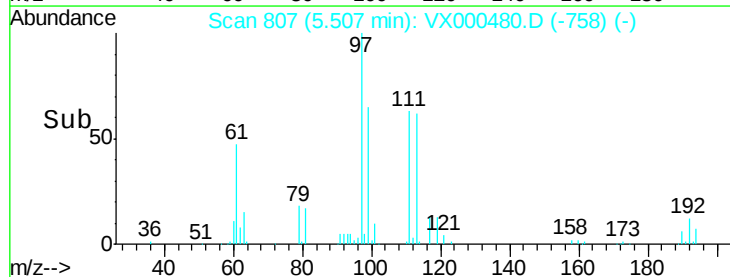
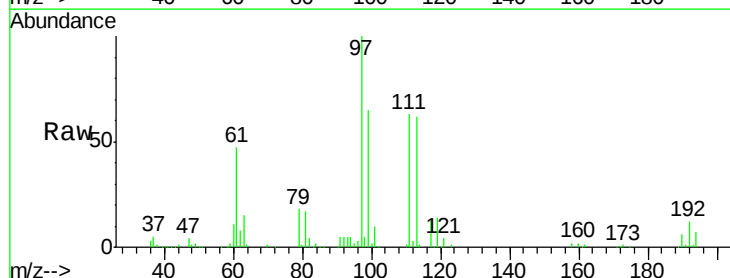
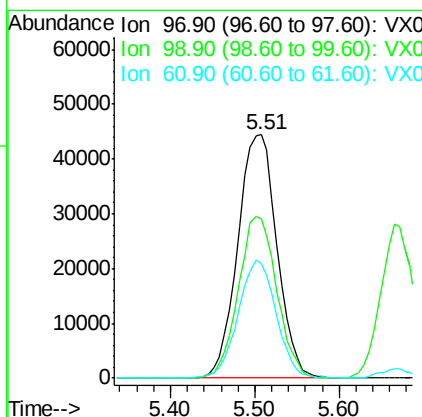
RT: 5.51 min Scan# 807

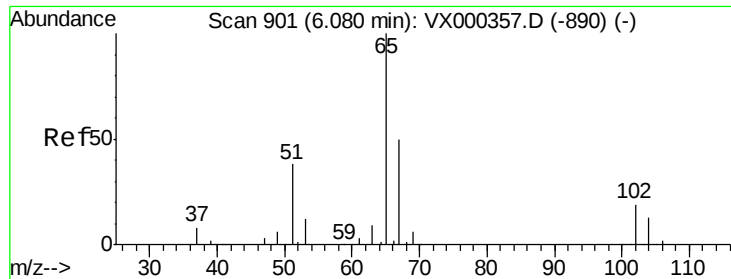
Delta R.T. -0.00 min

Lab File: VX000480.D

Acq: 28 Mar 2018 10:45

Tgt Ion:	97	Resp:	139811
Ion	Ratio	Lower	Upper
97	100		
99	65.3	52.1	78.1
61	46.9	36.2	54.4





#33

1,2-Dichloroethane-d4

Concen: 51.73 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.01 min

Lab File: VX000480.D

Acq: 28 Mar 2018 10:45

Tot Ion: 65 Resp: 100470

Ion Ratio Lower Upper

65 100

67 51.0 0.0 103.2

Instrument :

MSVOA_X

ClientSampleId :

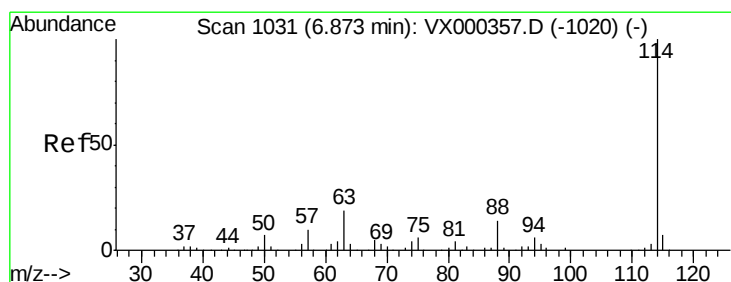
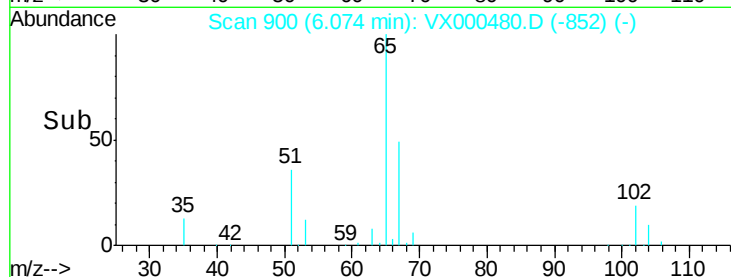
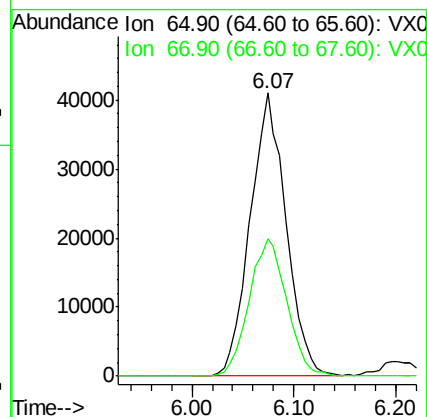
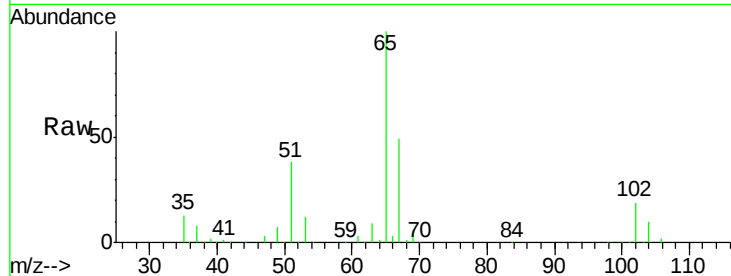
VSTDCCC050

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#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VX000480.D

Acq: 28 Mar 2018 10:45

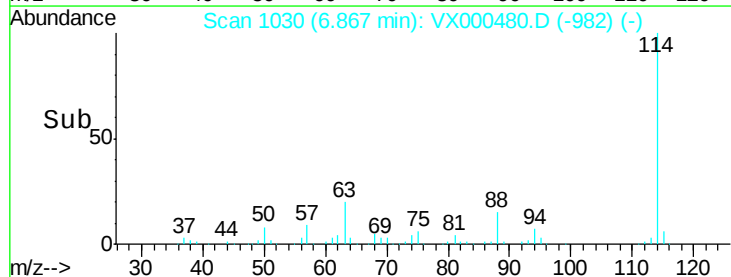
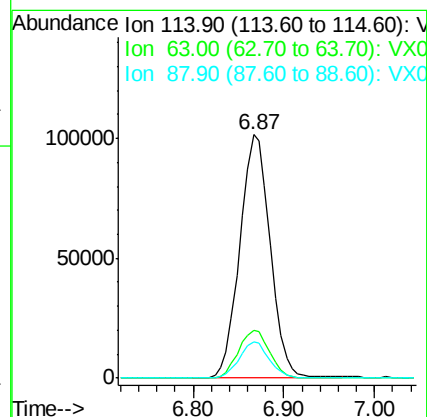
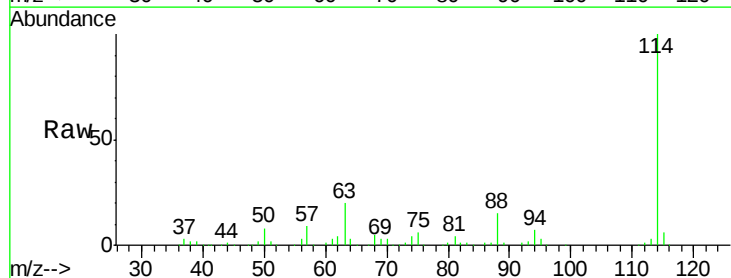
Tgt Ion: 114 Resp: 236967

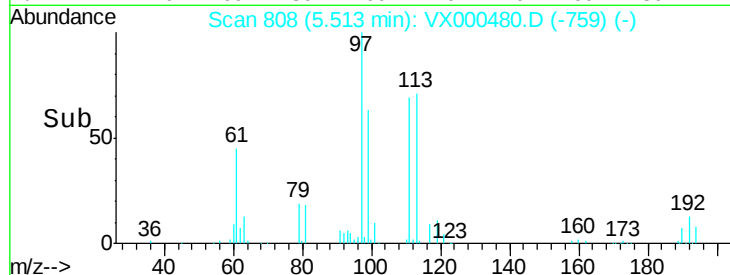
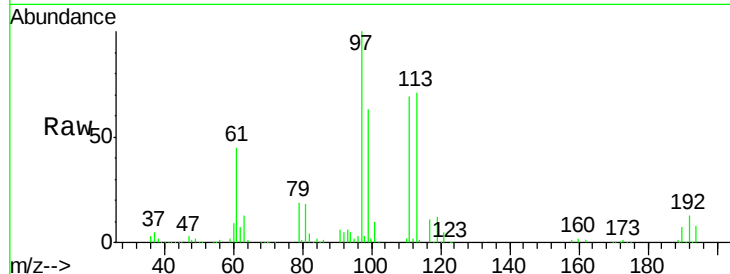
Ion Ratio Lower Upper

114 100

63 19.7 0.0 38.4

88 15.2 0.0 27.0





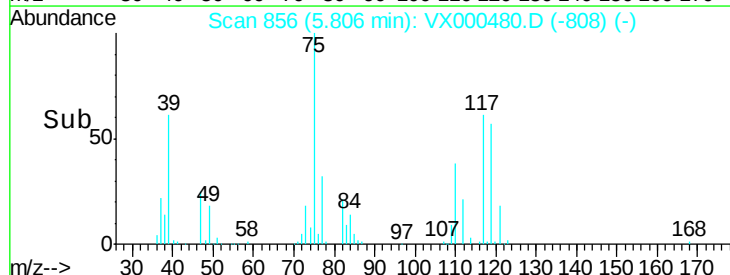
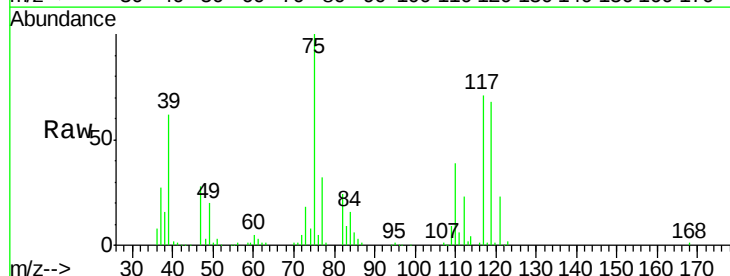
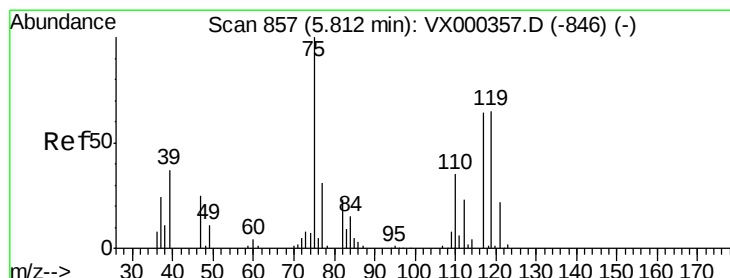
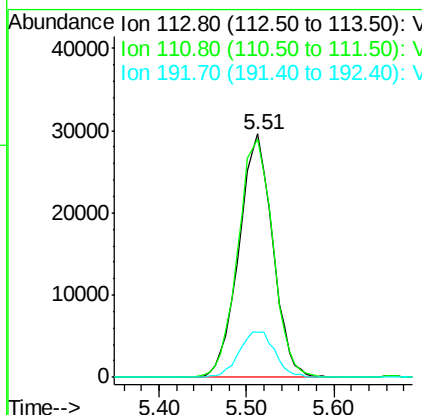
#35
Dibromofluoromethane
Concen: 53.26 ug/l
RT: 5.51 min Scan# 808
Delta R.T. -0.00 min
Lab File: VX000480.D
Acq: 28 Mar 2018 10:45

Tot Ion	Ratio	Resp	Lower	Upper
113	100	79516		
111	101.7	82.4	123.6	
192	19.7	15.8	23.6	

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

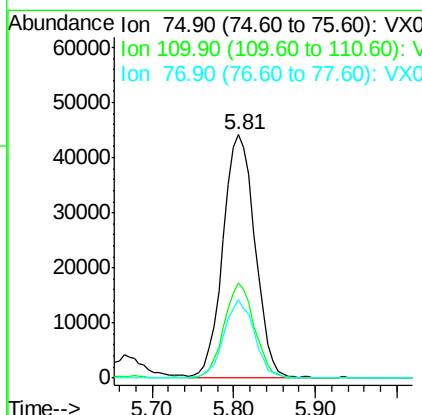
Manual Integrations
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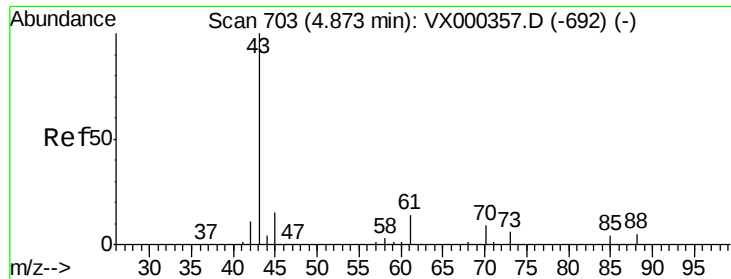
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#36
1,1-Dichloropropene
Concen: 53.83 ug/l
RT: 5.81 min Scan# 856
Delta R.T. -0.01 min
Lab File: VX000480.D
Acq: 28 Mar 2018 10:45

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	119496		
110	37.3	17.9	53.7	
77	30.8	24.0	36.0	





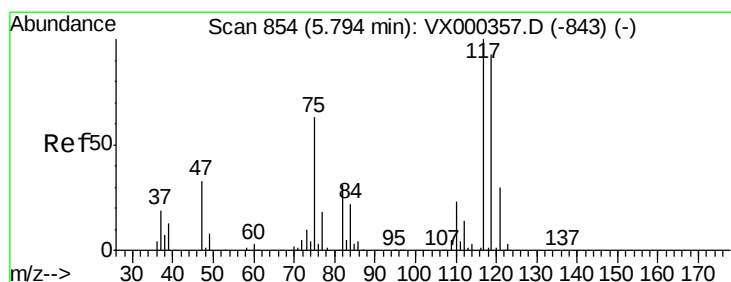
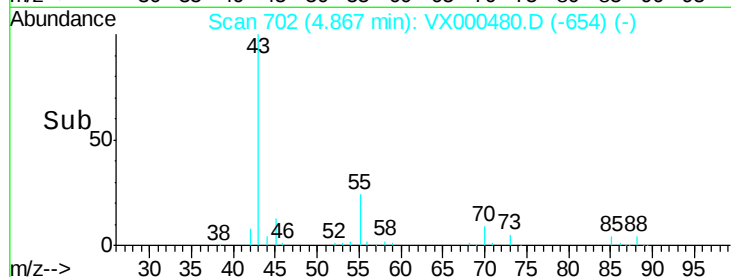
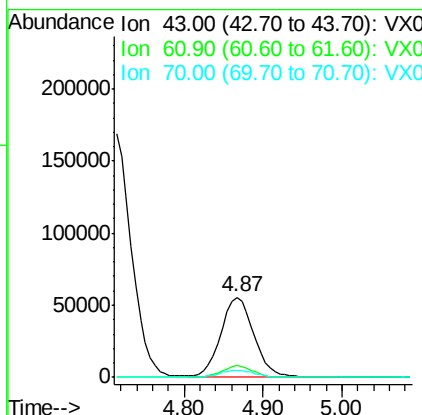
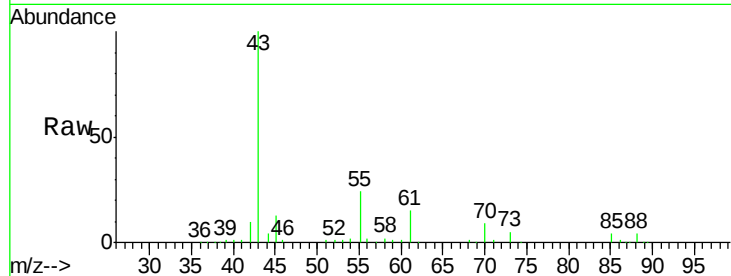
#37
Ethyl Acetate
Concen: 53.01 ug/l
RT: 4.87 min Scan# 702
Delta R.T. -0.01 min
Lab File: VX000480.D
Acq: 28 Mar 2018 10:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.9	11.1	16.7
70	9.3	7.7	11.5

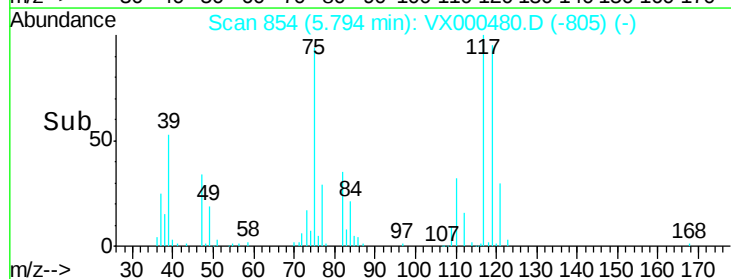
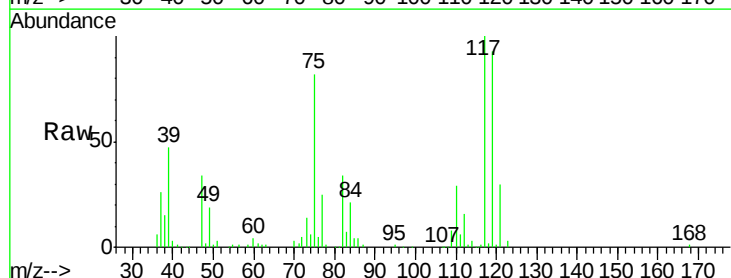
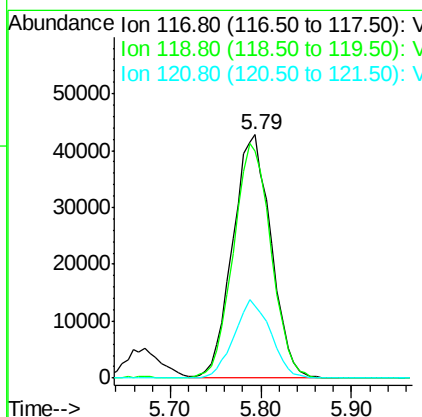
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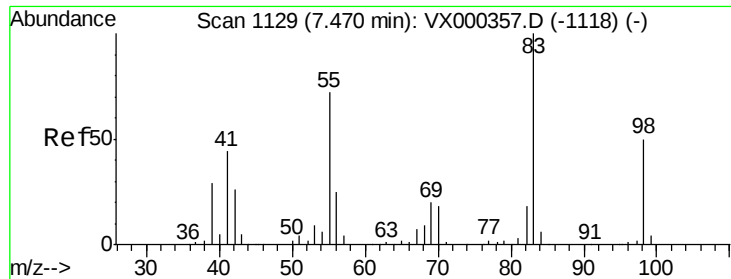
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#38
Carbon Tetrachloride
Concen: 53.94 ug/l
RT: 5.79 min Scan# 854
Delta R.T. -0.00 min
Lab File: VX000480.D
Acq: 28 Mar 2018 10:45

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.3	77.4	116.2
121	29.8	24.8	37.2





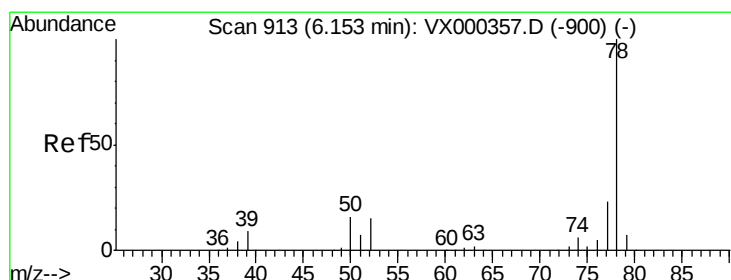
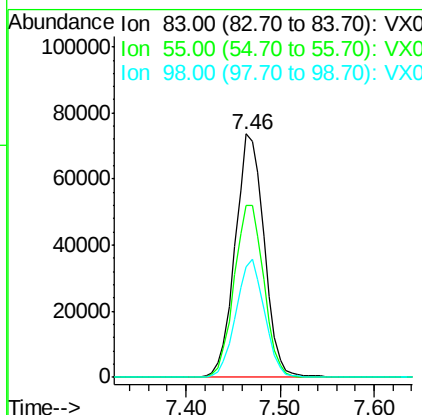
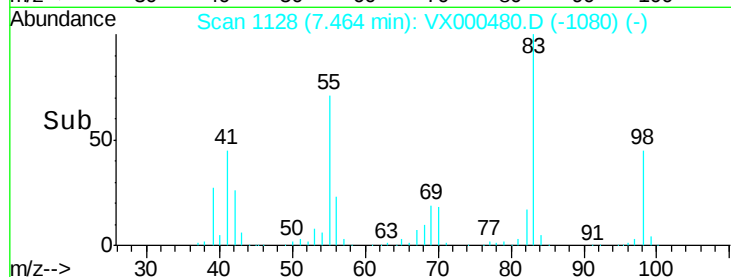
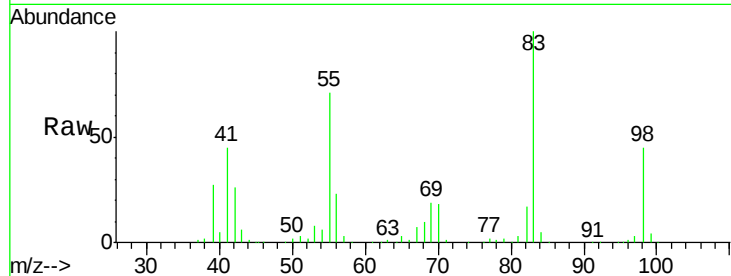
#39
Methvlcvclohexane
Concen: 58.68 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.01 min
Lab File: VX000480.D
Acq: 28 Mar 2018 10:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	70.6	55.5	83.3
98	45.3	38.2	57.4

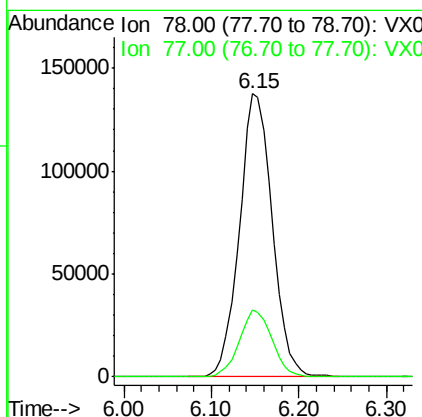
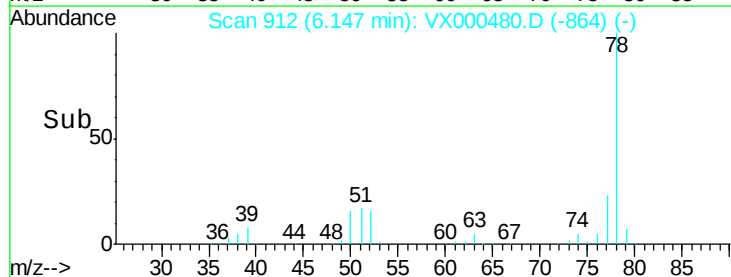
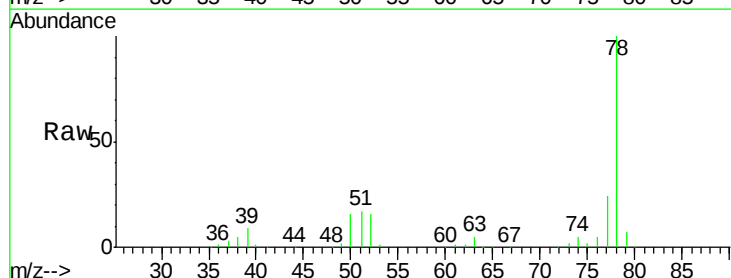
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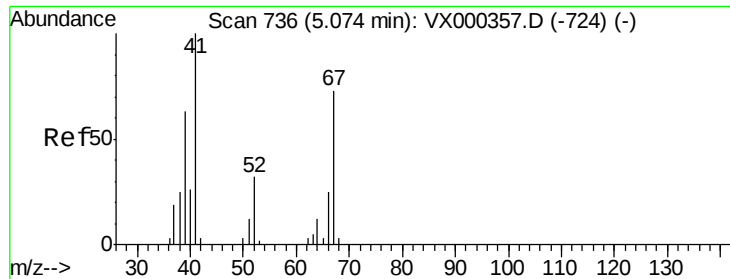
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#40
Benzene
Concen: 55.55 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.01 min
Lab File: VX000480.D
Acq: 28 Mar 2018 10:45

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.7	18.7	28.1





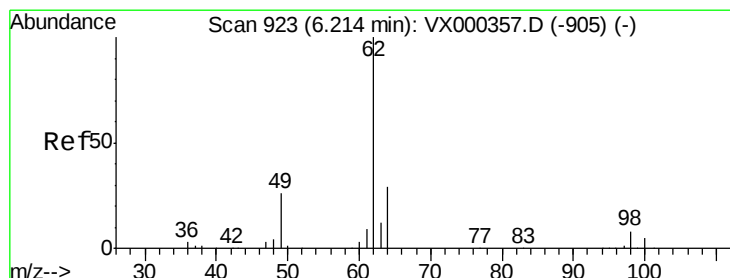
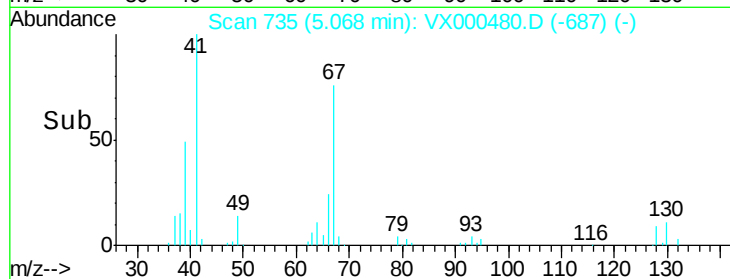
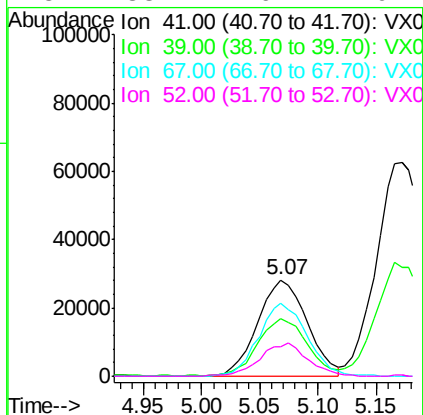
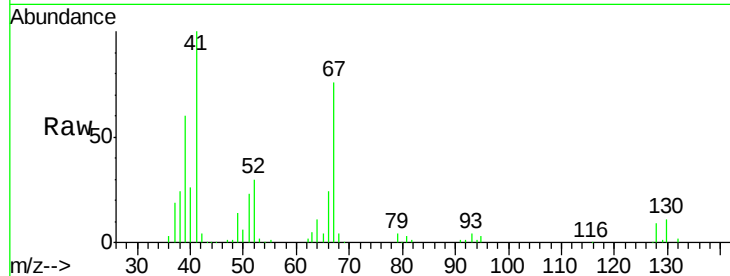
#41
Methacrylonitrile
Concen: 51.84 ug/l
RT: 5.07 min Scan# 735
Delta R.T. -0.01 min
Lab File: VX000480.D
Acq: 28 Mar 2018 10:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
41	100		
39	58.9	45.7	68.5
67	74.6	57.8	86.8
52	33.7	26.7	40.1

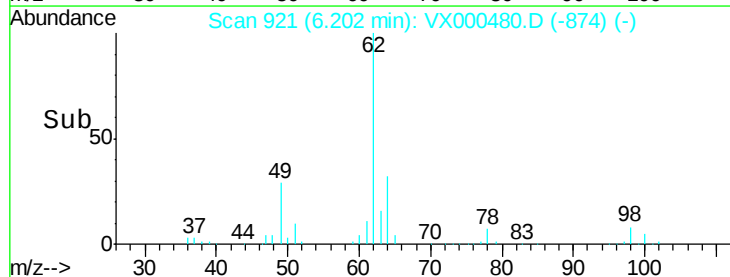
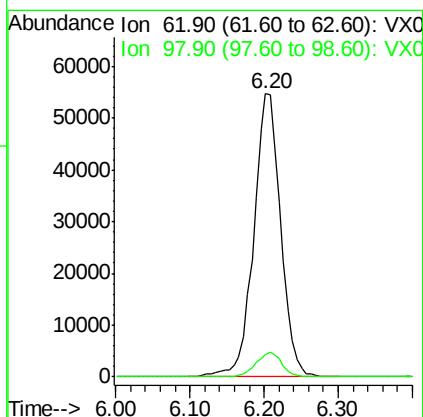
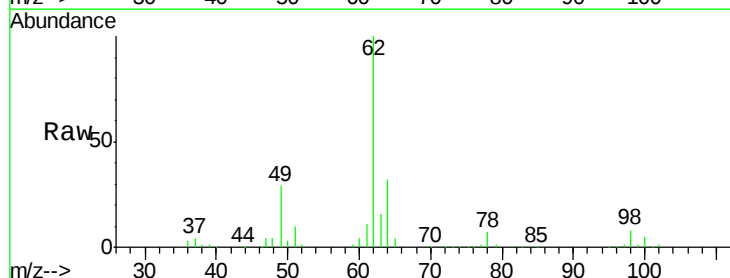
Manual Integrations
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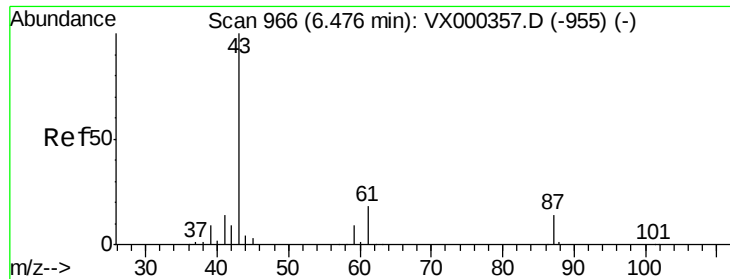
MMDadoda
3/29/2018 11:19:39 AM



#42
1,2-Dichloroethane
Concen: 54.85 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.01 min
Lab File: VX000480.D
Acq: 28 Mar 2018 10:45

Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.4	0.0	15.8





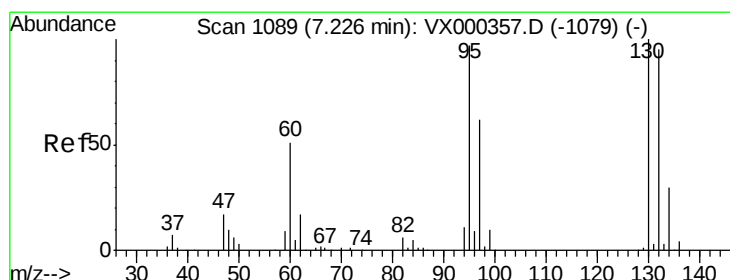
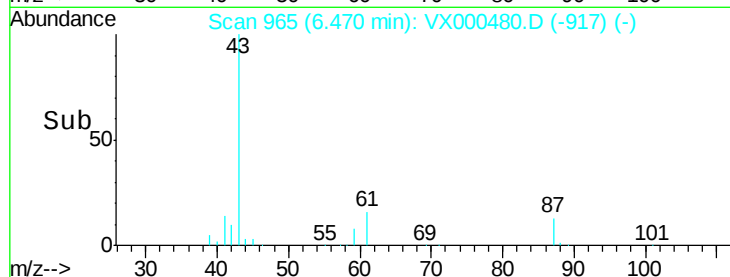
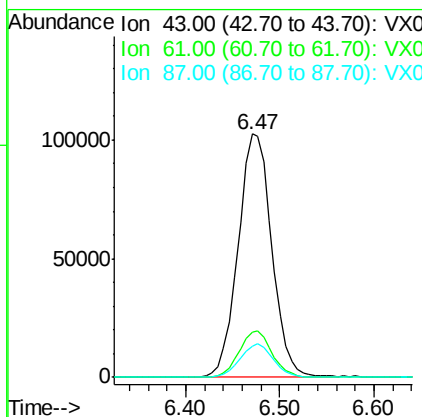
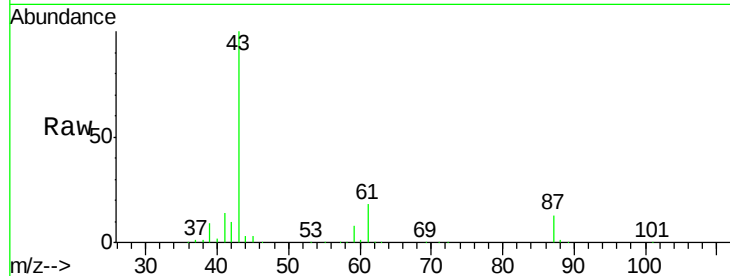
#43
Isopropyl Acetate
Concen: 56.48 ug/l
RT: 6.47 min Scan# 965
Delta R.T. -0.01 min
Lab File: VX000480.D
Acq: 28 Mar 2018 10:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:	43	Resp:	254914
Ion	Ratio	Lower	Upper
43	100		
61	18.9	14.4	21.6
87	13.5	11.0	16.4

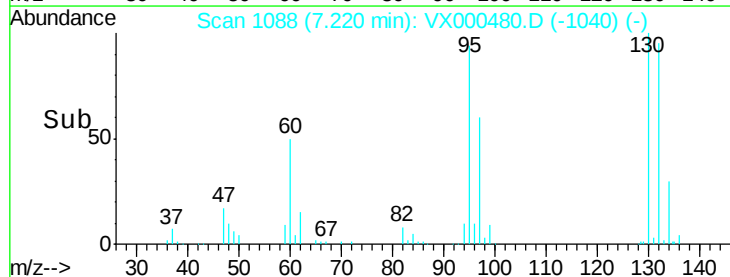
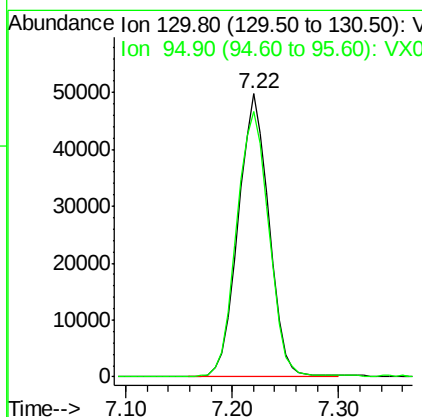
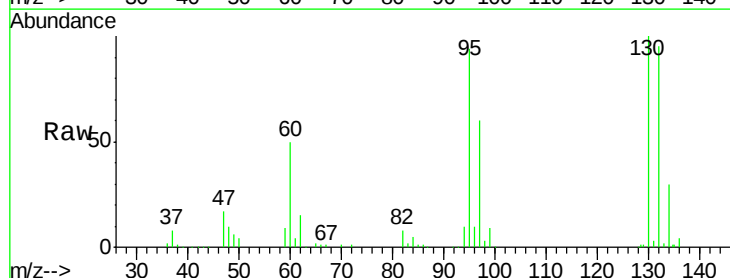
Manual Integrations
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#44
Trichloroethene
Concen: 54.77 ug/l
RT: 7.22 min Scan# 1088
Delta R.T. -0.01 min
Lab File: VX000480.D
Acq: 28 Mar 2018 10:45

Tgt Ion:	130	Resp:	101137
Ion	Ratio	Lower	Upper
130	100		
95	93.8	0.0	186.0





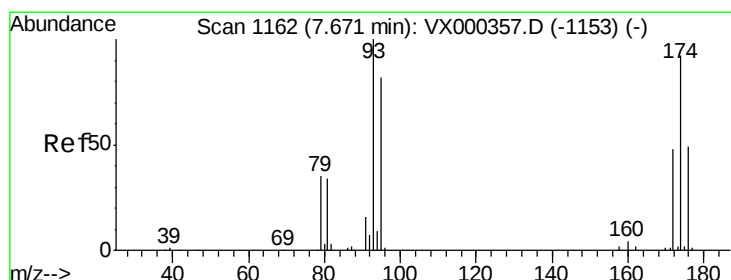
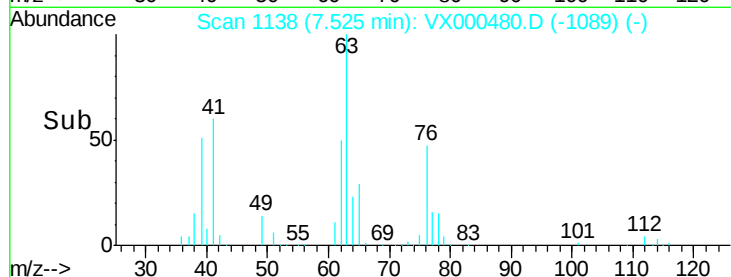
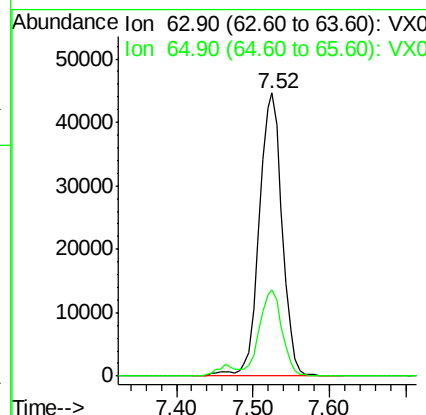
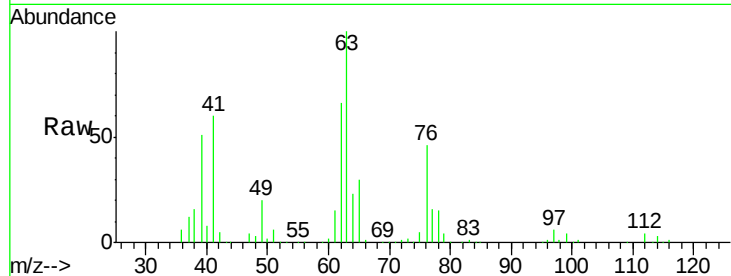
#45
 1,2-Dichloropropane
 Concen: 56.69 ug/l
 RT: 7.52 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VX000480.D
 Acq: 28 Mar 2018 10:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 63 Resp: 93541
 Ion Ratio Lower Upper
 63 100
 65 30.4 24.6 36.8

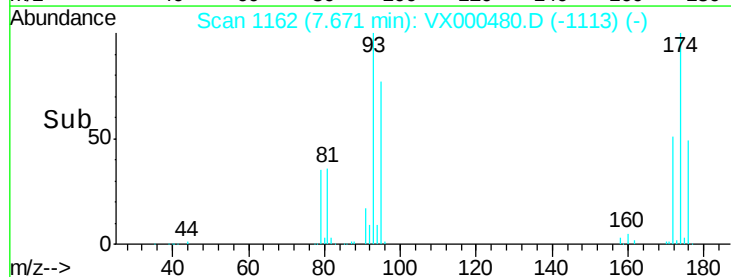
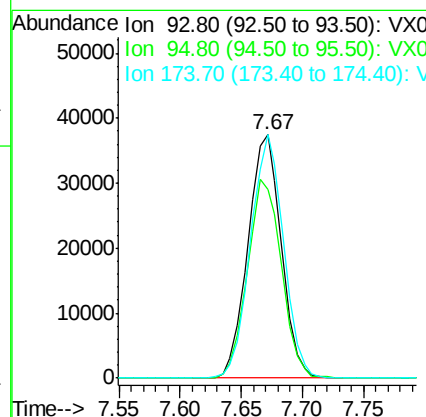
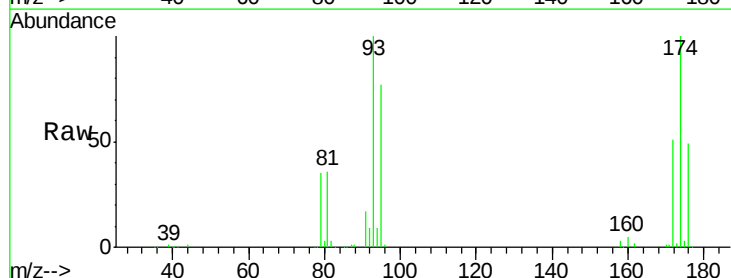
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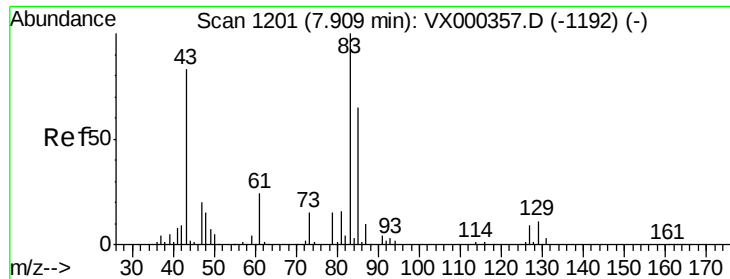
MMDadoda
 3/29/2018 11:19:39 AM



#46
 Dibromomethane
 Concen: 54.76 ug/l
 RT: 7.67 min Scan# 1162
 Delta R.T. -0.00 min
 Lab File: VX000480.D
 Acq: 28 Mar 2018 10:45

Tgt Ion: 93 Resp: 70917
 Ion Ratio Lower Upper
 93 100
 95 83.4 66.5 99.7
 174 99.5 76.0 114.0





#47

Bromodichloromethane

Concen: 59.04 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.01 min

Lab File: VX000480.D

Acq: 28 Mar 2018 10:45

Instrument :

MSVOA_X

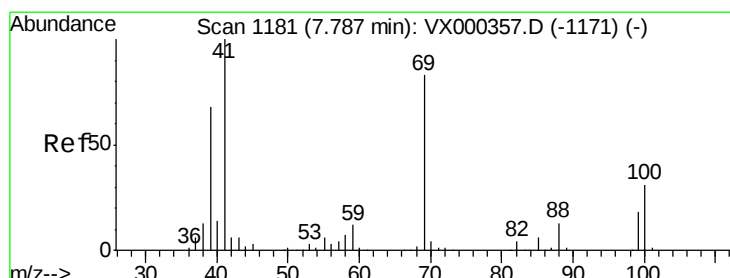
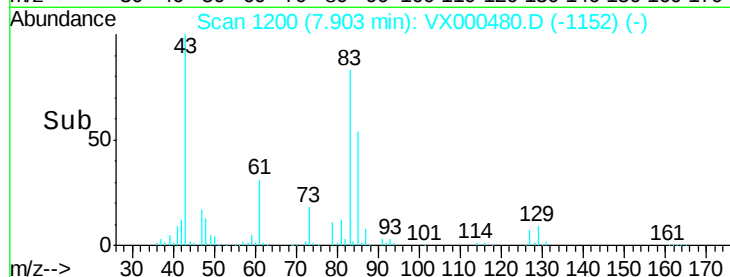
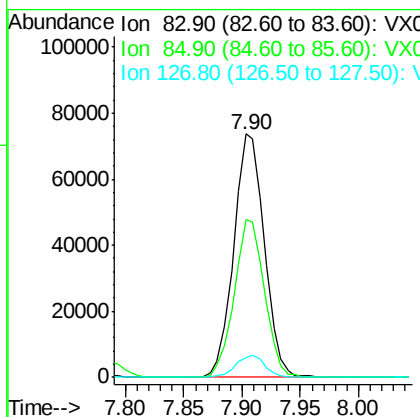
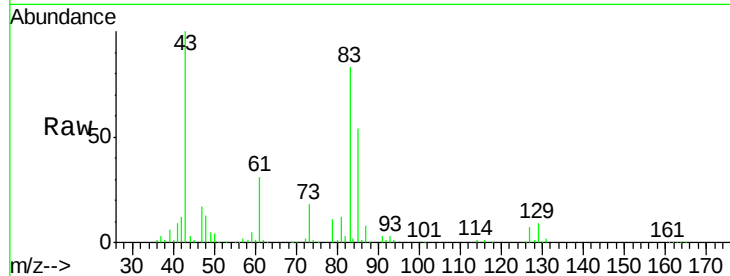
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	134540
Ion	Ratio	Lower	Upper
83	100		
85	64.7	51.4	77.0
127	8.1	7.0	10.6

Manual Integrations
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#48

Methyl methacrylate

Concen: 57.84 ug/l

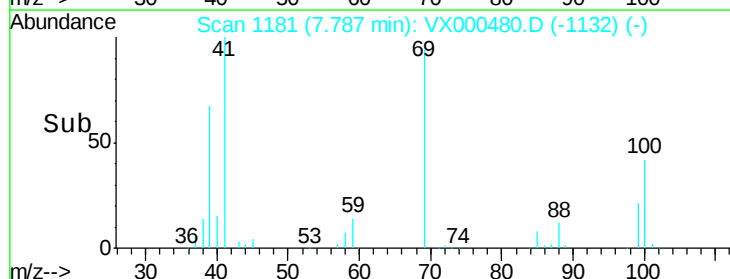
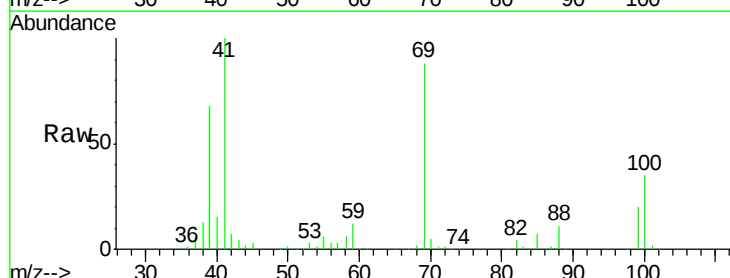
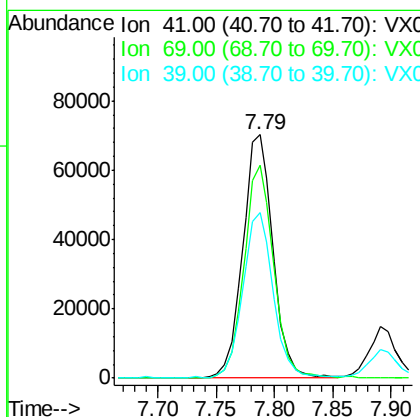
RT: 7.79 min Scan# 1181

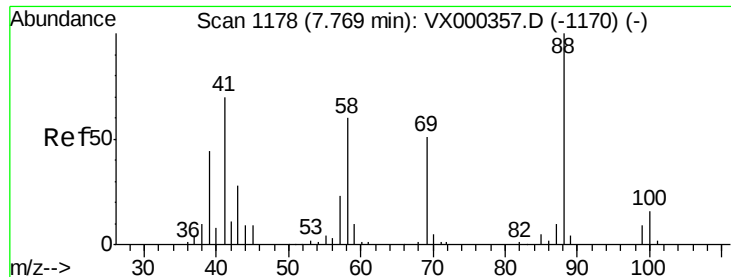
Delta R.T. -0.00 min

Lab File: VX000480.D

Acq: 28 Mar 2018 10:45

Tgt Ion:	41	Resp:	126740
Ion	Ratio	Lower	Upper
41	100		
69	86.4	68.2	102.4
39	67.9	54.6	81.8





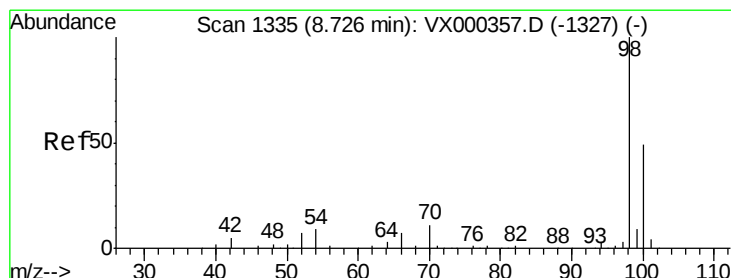
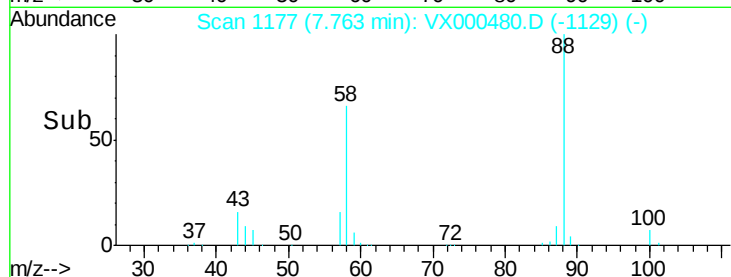
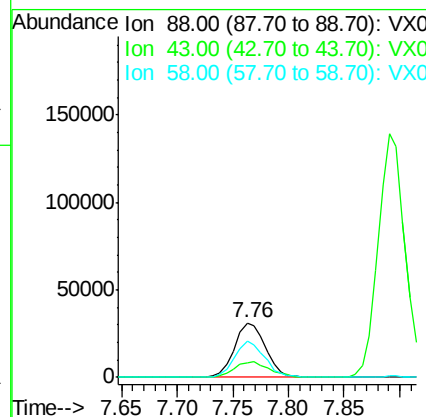
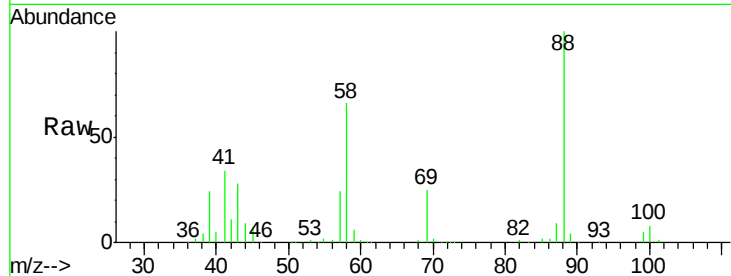
#49
1,4-Dioxane
Concen: 1302.86 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. -0.01 min
Lab File: VX000480.D
Acq: 28 Mar 2018 10:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	33.1	26.8	40.2
58	64.4	52.2	78.2

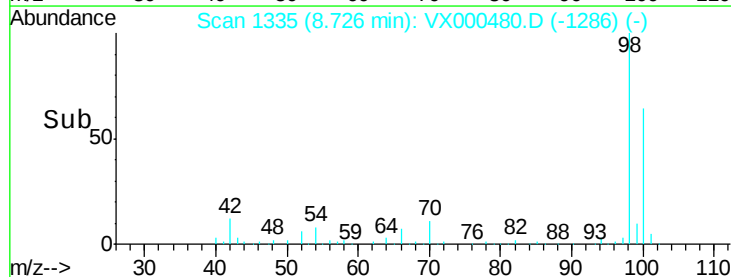
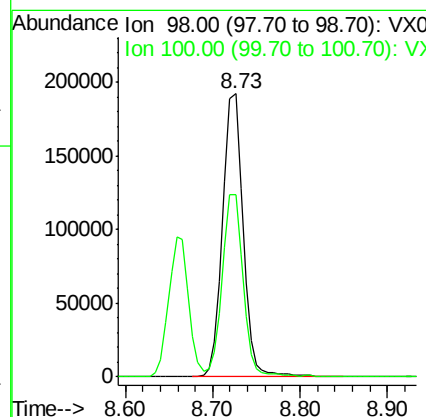
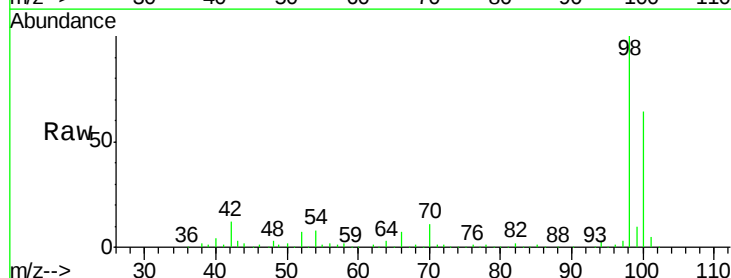
Manual Integrations
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#50
Toluene-d8
Concen: 50.31 ug/l
RT: 8.73 min Scan# 1335
Delta R.T. -0.00 min
Lab File: VX000480.D
Acq: 28 Mar 2018 10:45

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.7	51.2	76.8





#51

4-Methyl-2-Pentanone

Concen: 292.32 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX000480.D

Acq: 28 Mar 2018 10:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1021209

Ion Ratio Lower Upper

43 100

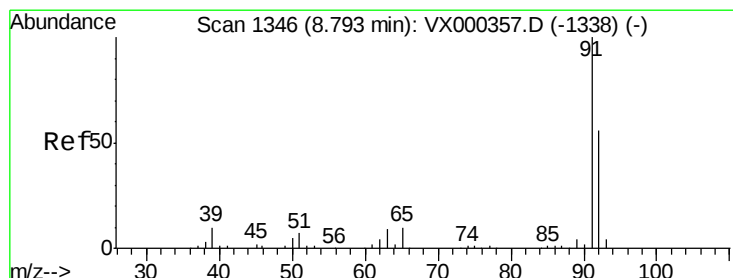
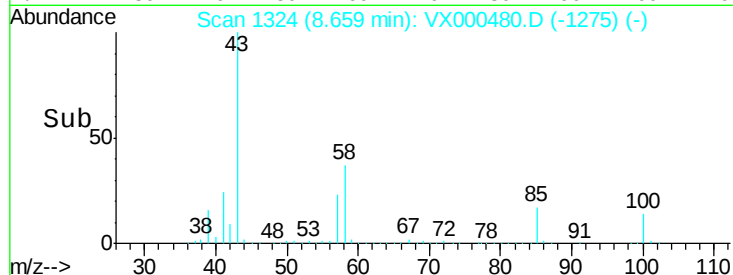
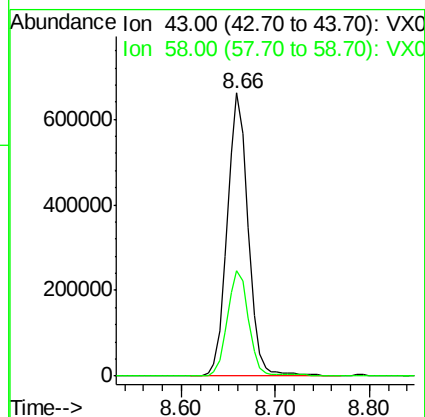
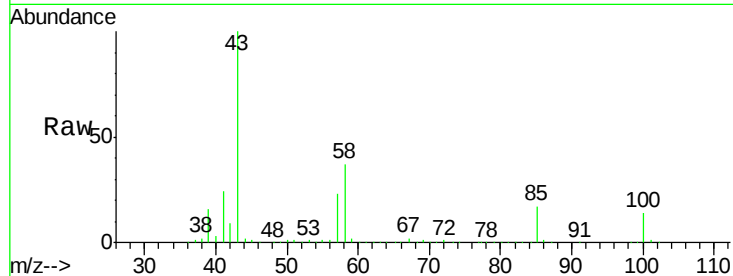
58 38.2 30.3 45.5

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#52

Toluene

Concen: 54.28 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. -0.00 min

Lab File: VX000480.D

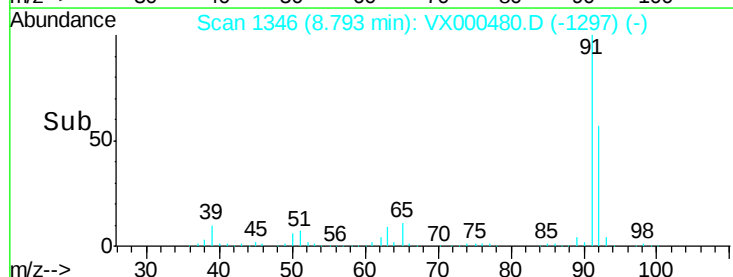
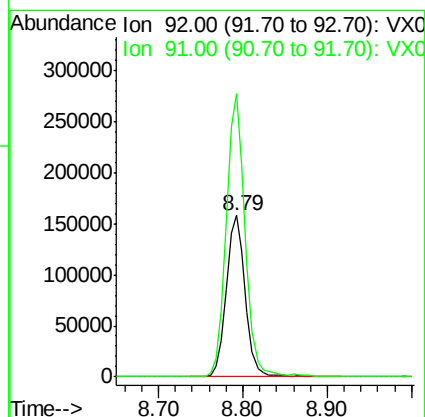
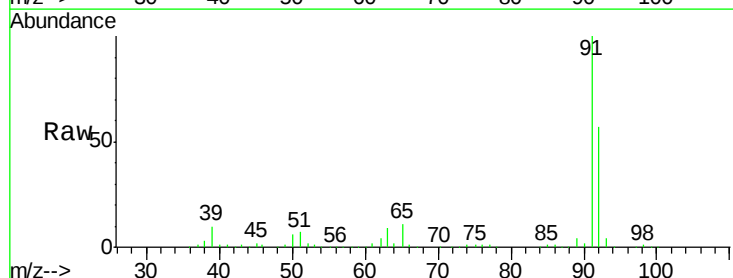
Acq: 28 Mar 2018 10:45

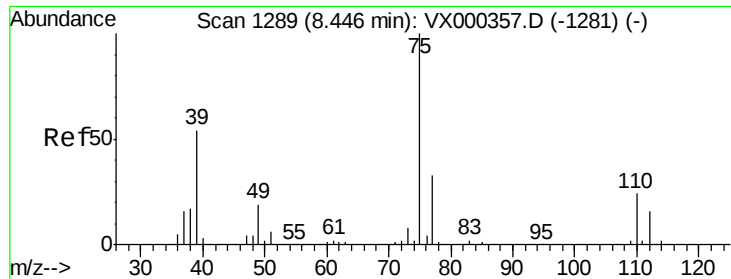
Tgt Ion: 92 Resp: 244609

Ion Ratio Lower Upper

92 100

91 175.2 140.2 210.2





#53

t-1,3-Dichloropropene

Concen: 59.72 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. -0.01 min

Lab File: VX000480.D

Acq: 28 Mar 2018 10:45

Tot Ion: 75 Resp: 157678

Ion Ratio Lower Upper

75 100

77 32.0 24.0 36.0

Instrument :

MSVOA_X

ClientSampled :

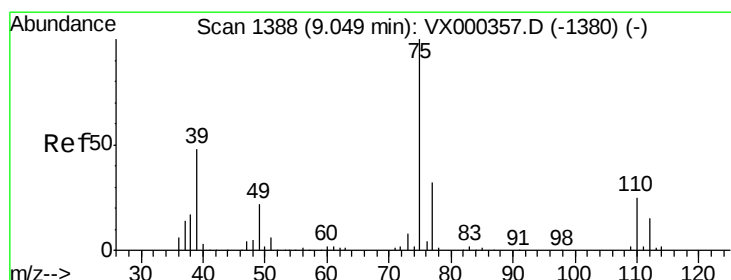
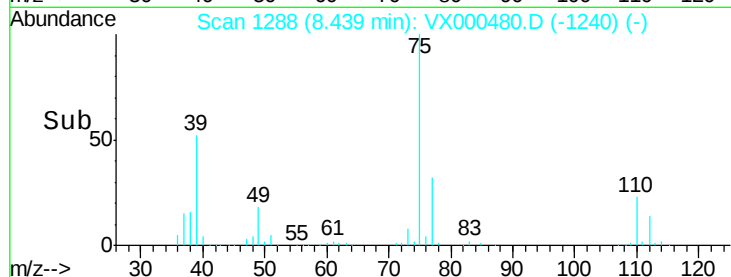
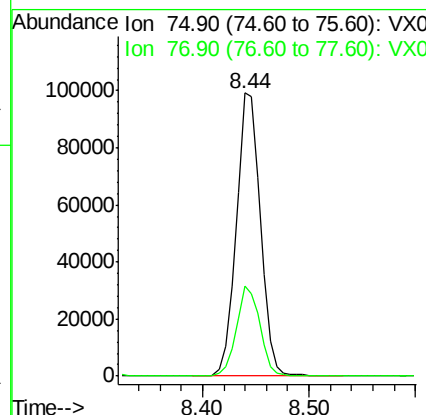
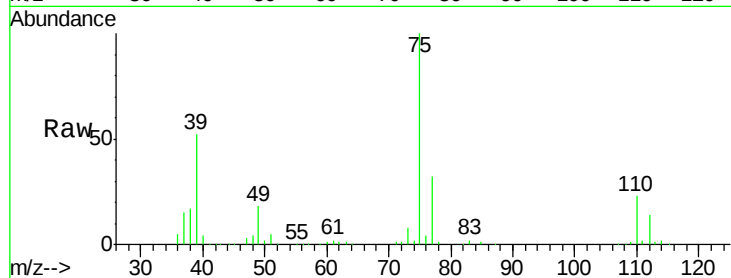
VSTDCCC050

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#54

cis-1,3-Dichloropropene

Concen: 59.33 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. -0.00 min

Lab File: VX000480.D

Acq: 28 Mar 2018 10:45

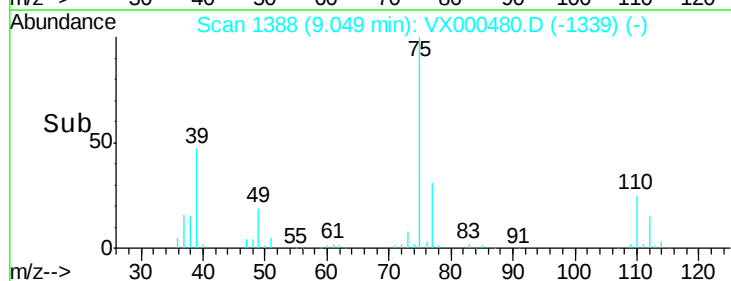
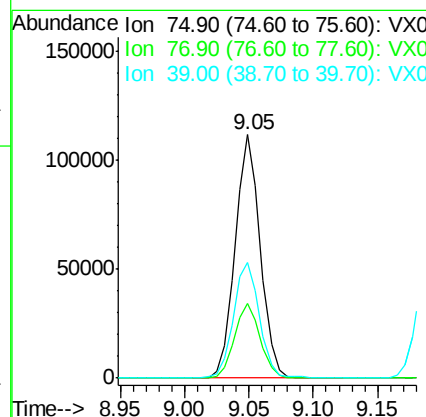
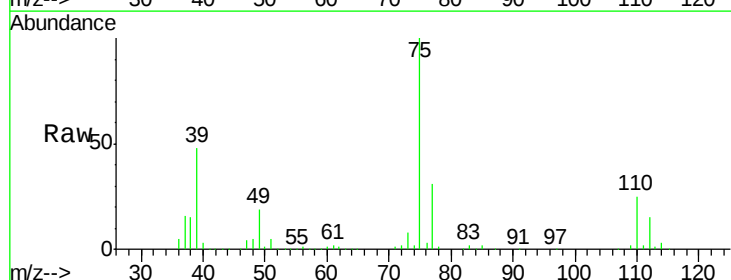
Tgt Ion: 75 Resp: 151957

Ion Ratio Lower Upper

75 100

77 30.9 26.1 39.1

39 47.4 39.8 59.6





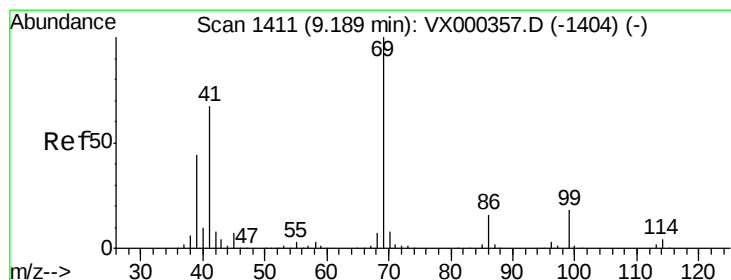
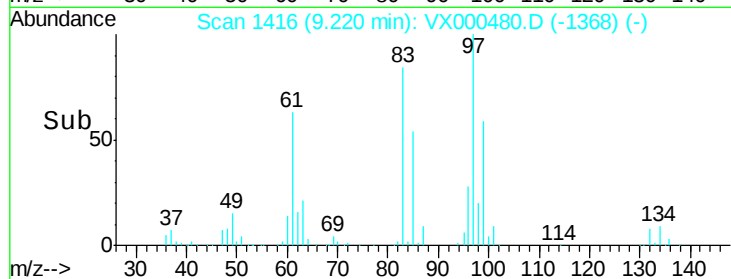
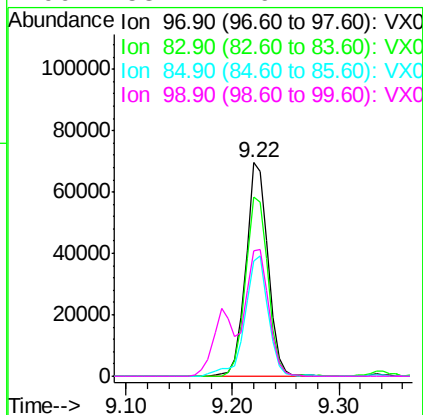
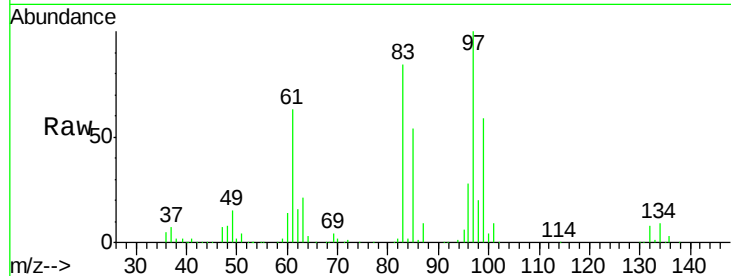
#55
1,1,2-Trichloroethane
Concen: 54.76 ug/l
RT: 9.22 min Scan# 1416
Delta R.T. -0.01 min
Lab File: VX000480.D
Acq: 28 Mar 2018 10:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:	97	Resp:	101487
Ion	Ratio	Lower	Upper
97	100		
83	83.7	67.9	101.9
85	53.9	42.8	64.2
99	58.7	49.4	74.2

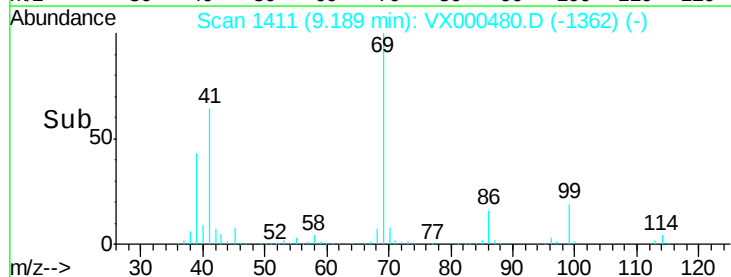
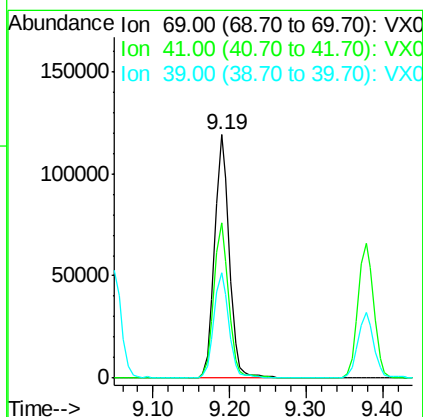
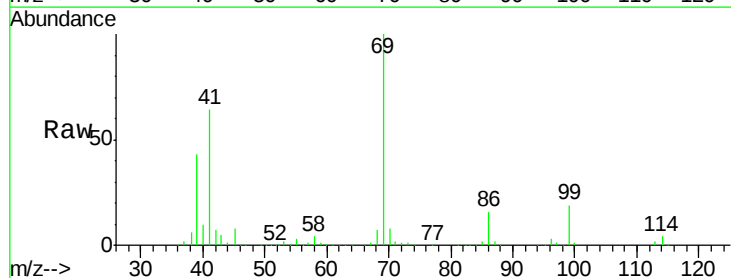
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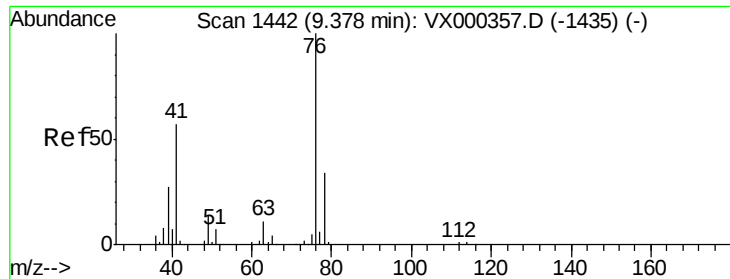
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#56
Ethyl methacrylate
Concen: 56.63 ug/l
RT: 9.19 min Scan# 1411
Delta R.T. -0.00 min
Lab File: VX000480.D
Acq: 28 Mar 2018 10:45

Tgt Ion:	69	Resp:	159013
Ion	Ratio	Lower	Upper
69	100		
41	65.2	53.0	79.6
39	44.3	35.3	52.9





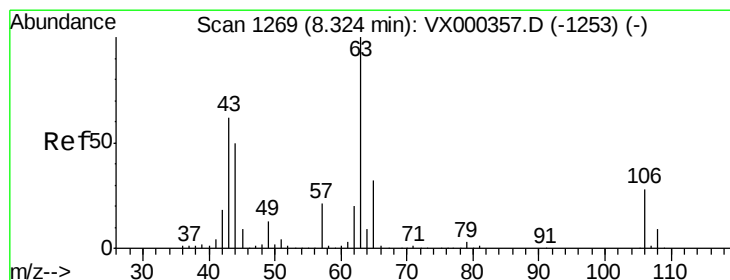
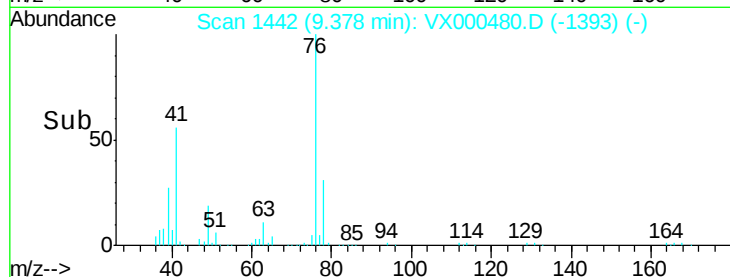
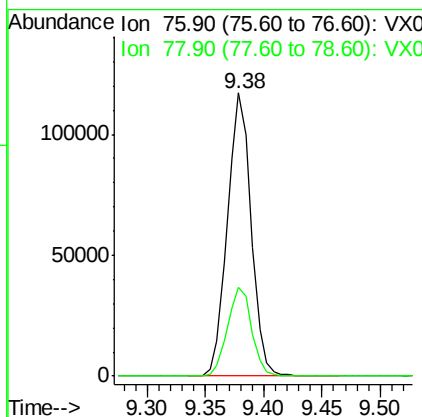
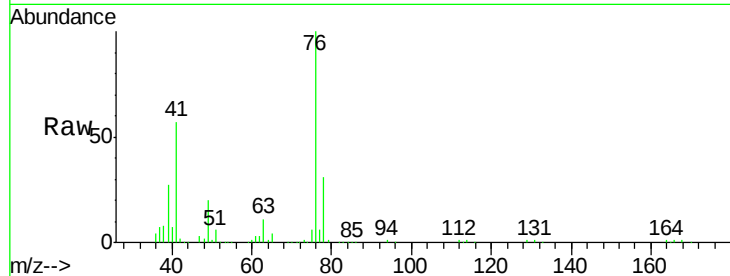
#57
 1,3-Dichloropropane
 Concen: 55.93 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. -0.00 min
 Lab File: VX000480.D
 Acq: 28 Mar 2018 10:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 76 Resp: 165774
 Ion Ratio Lower Upper
 76 100
 78 32.0 26.4 39.6

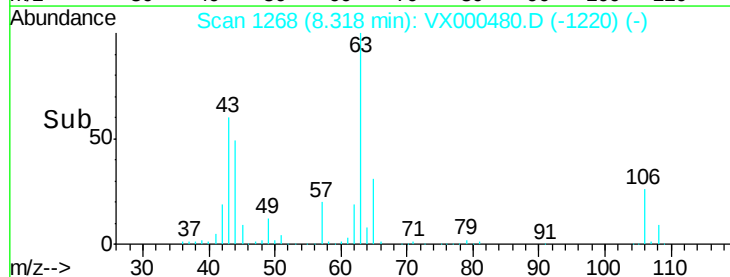
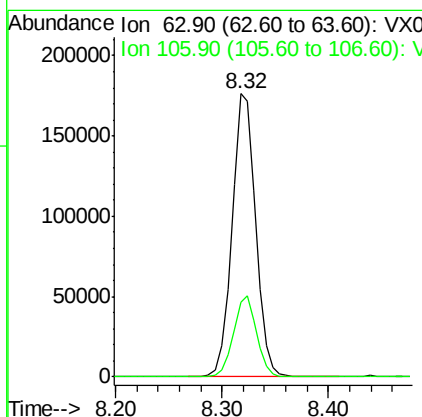
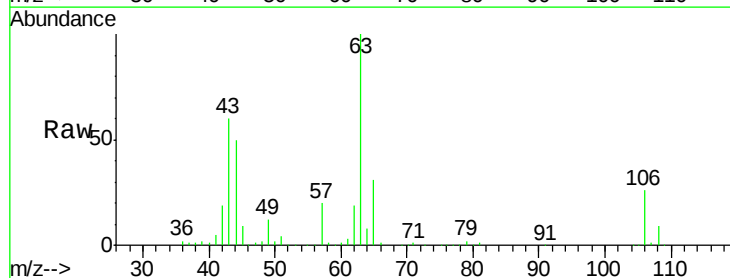
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#58
 2-Chloroethyl Vinyl ether
 Concen: 202.63 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. -0.01 min
 Lab File: VX000480.D
 Acq: 28 Mar 2018 10:45

Tgt Ion: 63 Resp: 273092
 Ion Ratio Lower Upper
 63 100
 106 28.2 23.2 34.8





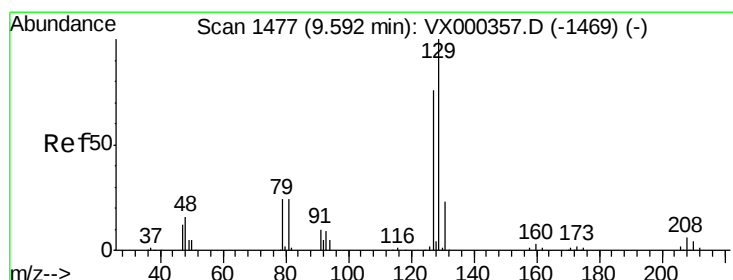
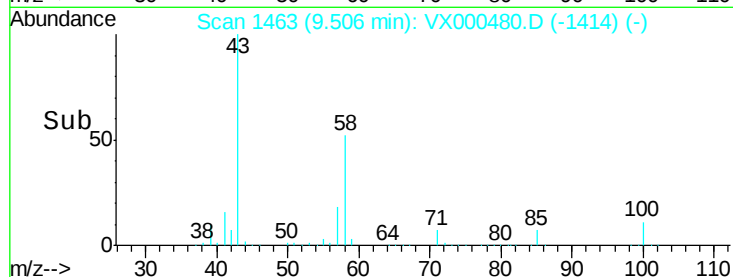
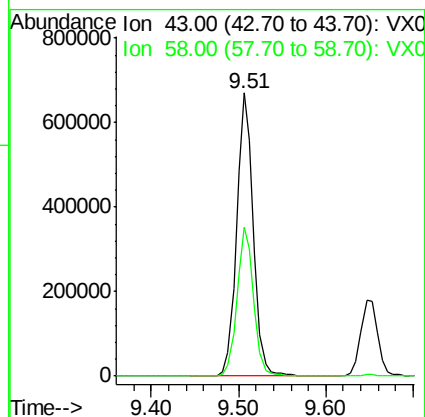
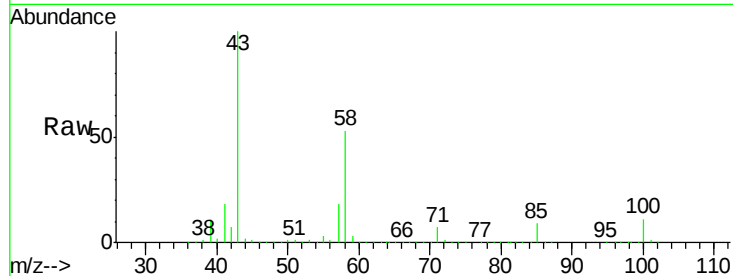
#59
2-Hexanone
Concen: 301.54 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. -0.00 min
Lab File: VX000480.D
Acq: 28 Mar 2018 10:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 894474
Ion Ratio Lower Upper
43 100
58 52.5 26.6 79.7

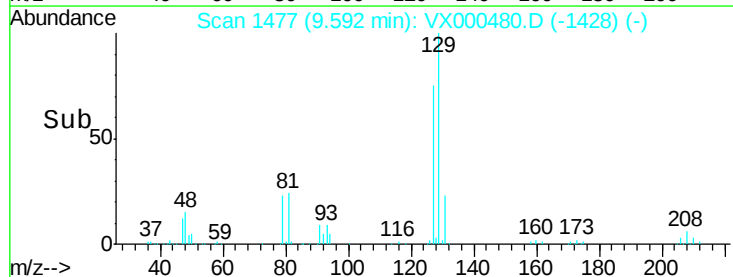
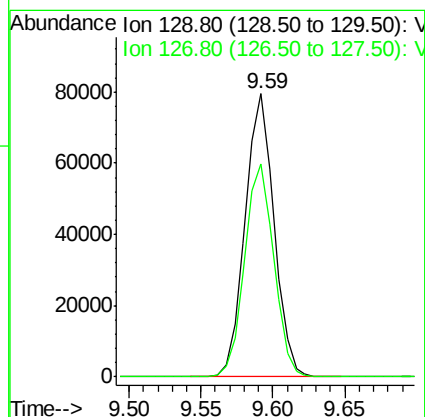
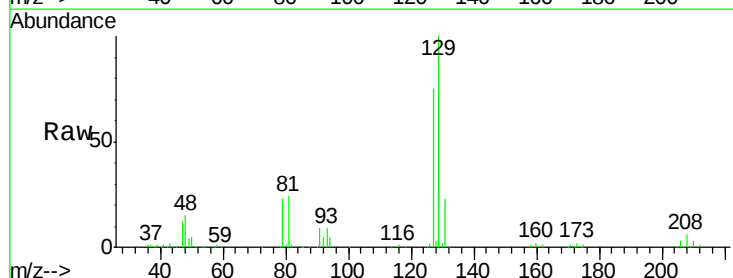
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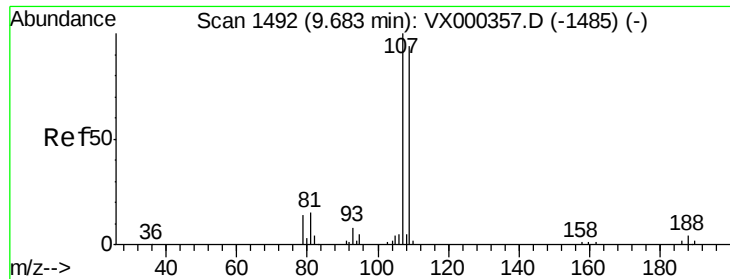
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#60
Dibromochloromethane
Concen: 50.32 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX000480.D
Acq: 28 Mar 2018 10:45

Tgt Ion: 129 Resp: 110426
Ion Ratio Lower Upper
129 100
127 76.0 37.9 113.6





#61

1,2-Dibromoethane

Concen: 55.08 ug/l

RT: 9.68 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX000480.D

Acq: 28 Mar 2018 10:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 107 Resp: 109466

Ion Ratio Lower Upper

107 100

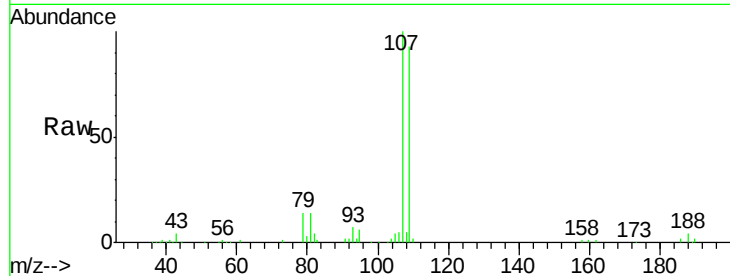
109 93.9 76.1 114.1

Manual Integrations

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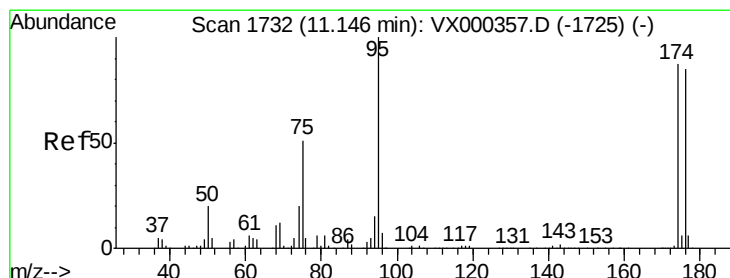
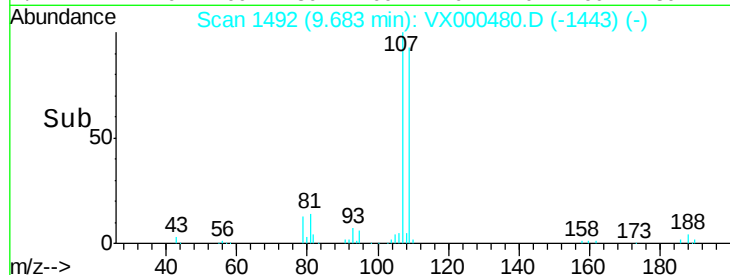
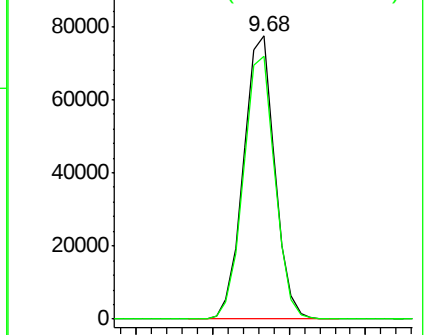
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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 49.32 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VX000480.D

Acq: 28 Mar 2018 10:45

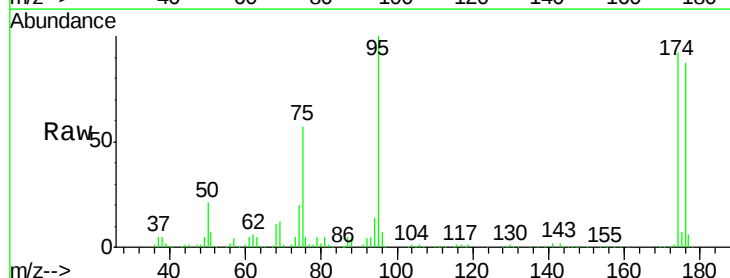
Tgt Ion: 95 Resp: 128653

Ion Ratio Lower Upper

95 100

174 89.8 0.0 173.6

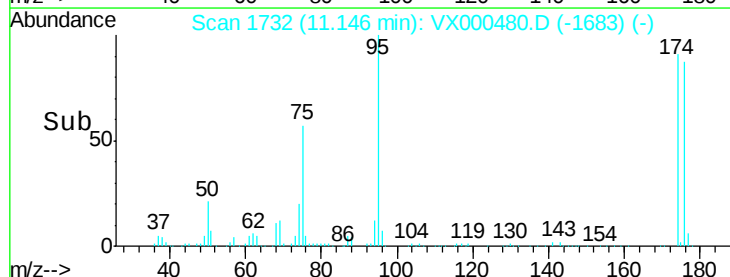
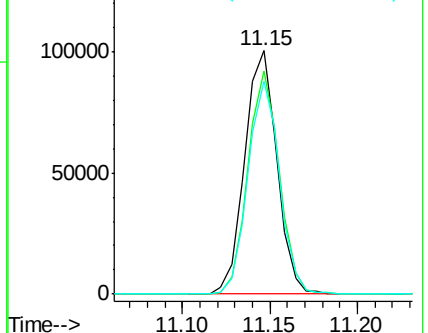
176 85.8 0.0 164.6

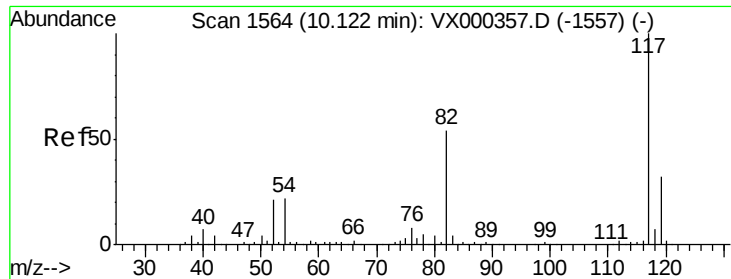


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





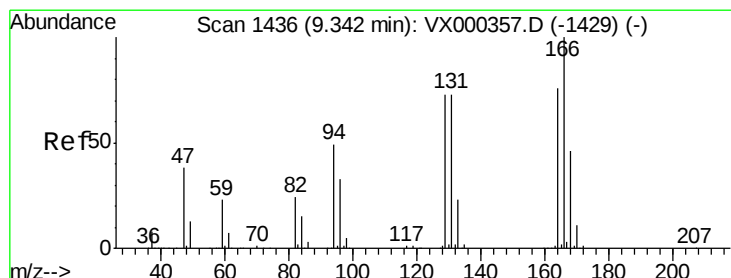
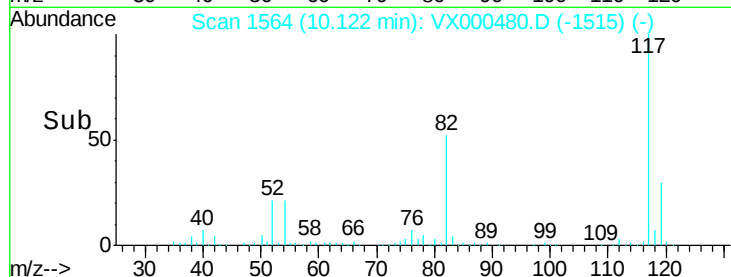
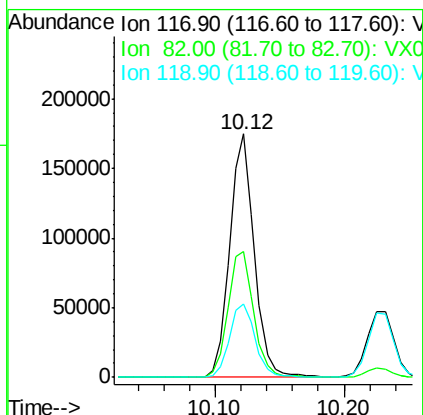
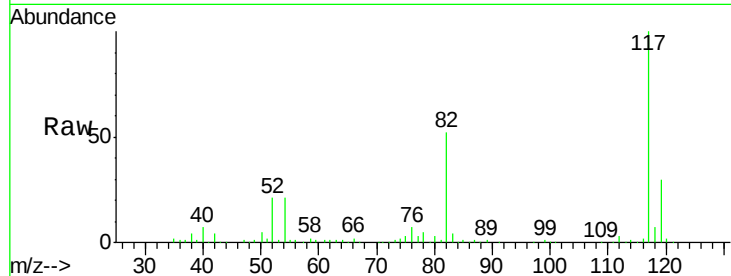
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000480.D
Acq: 28 Mar 2018 10:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.8	43.8	65.8
119	30.2	24.9	37.3

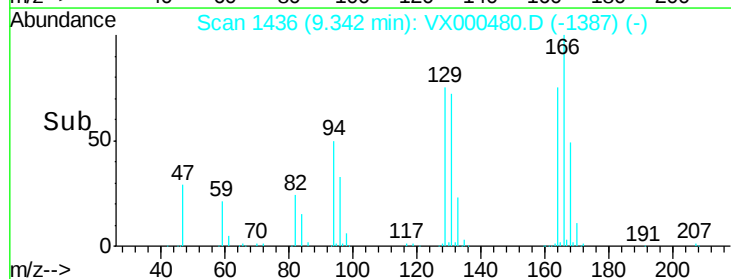
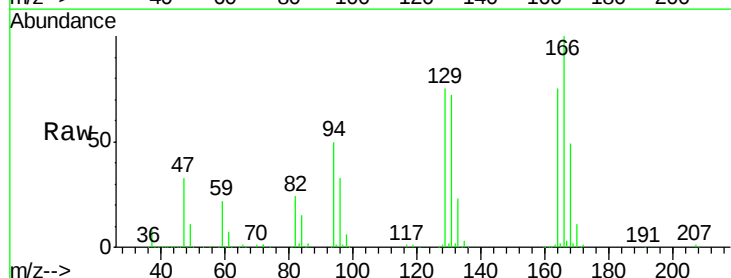
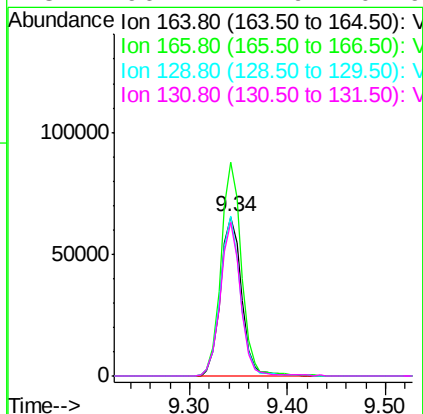
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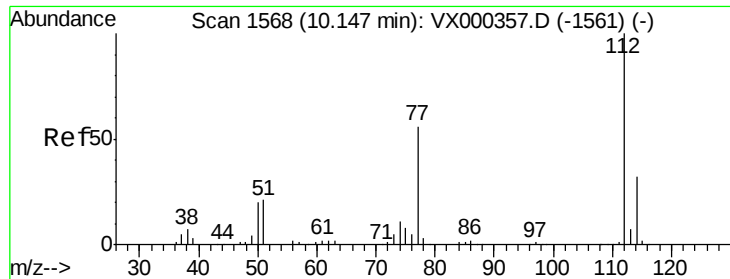
MMDadoda
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#64
Tetrachloroethene
Concen: 54.01 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX000480.D
Acq: 28 Mar 2018 10:45

Tgt Ion	Ratio	Lower	Upper
164	100		
166	134.1	101.0	151.6
129	100.2	79.0	118.4
131	96.7	71.9	107.9





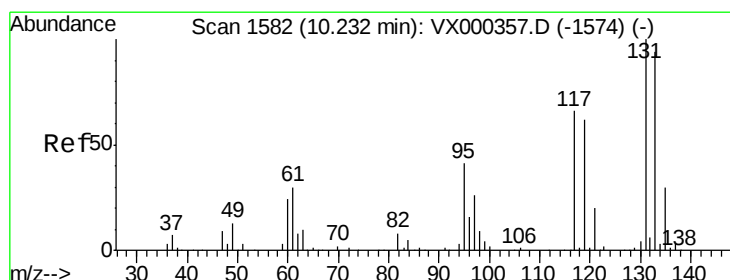
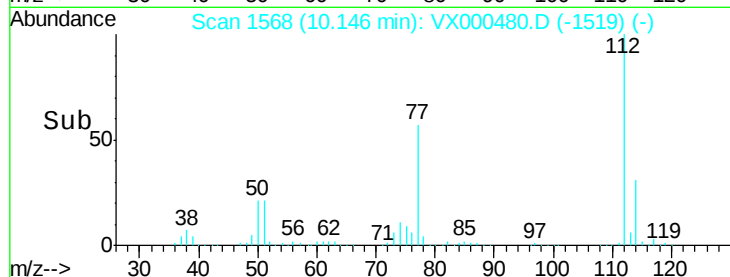
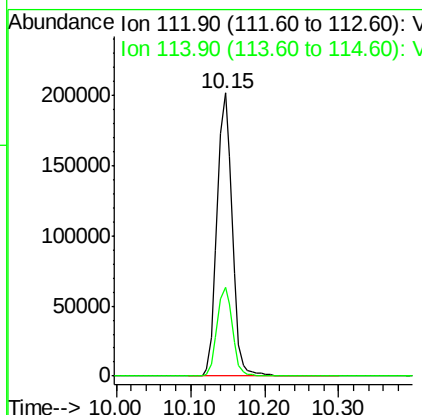
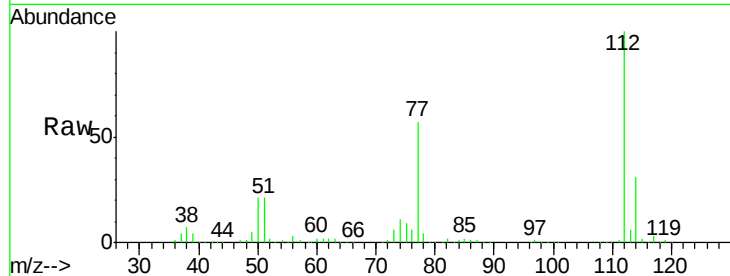
#65
Chlorobenzene
Concen: 54.60 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX000480.D
Acq: 28 Mar 2018 10:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:112 Resp: 283561
Ion Ratio Lower Upper
112 100
114 31.3 25.7 38.5

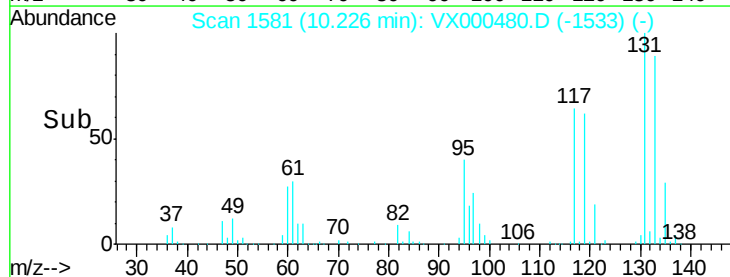
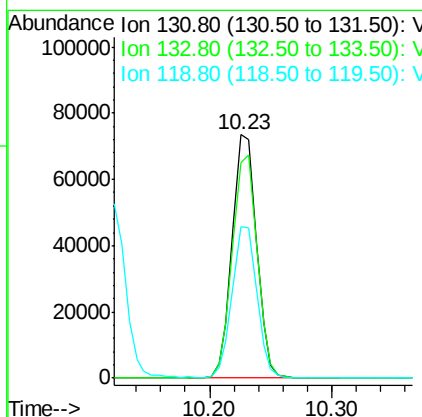
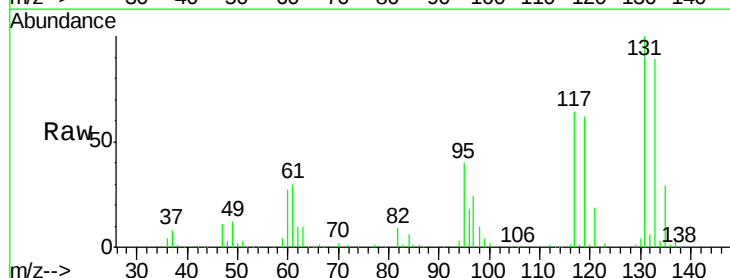
Manual Integrations
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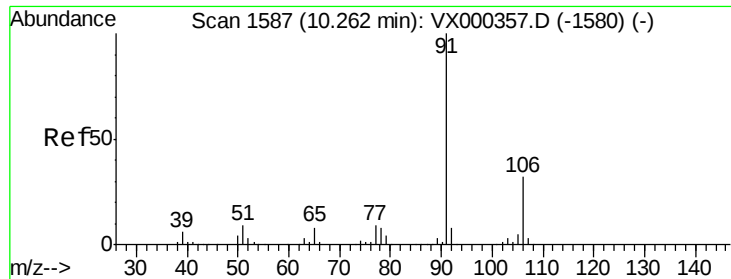
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#66
1,1,1,2-Tetrachloroethane
Concen: 57.58 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. -0.01 min
Lab File: VX000480.D
Acq: 28 Mar 2018 10:45

Tgt Ion:131 Resp: 101568
Ion Ratio Lower Upper
131 100
133 93.6 47.1 141.3
119 63.2 33.1 99.2





#67

Ethyl Benzene

Concen: 55.96 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. -0.01 min

Lab File: VX000480.D

Acq: 28 Mar 2018 10:45

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion: 91 Resp: 492657

Ion Ratio Lower Upper

91 100

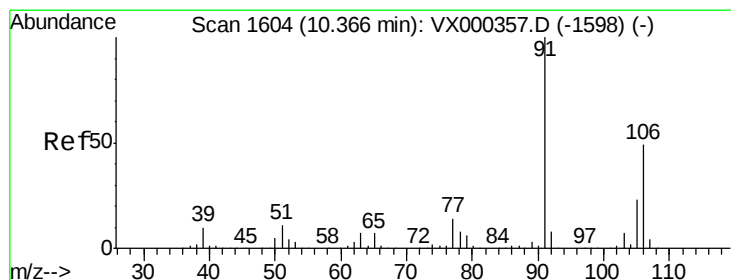
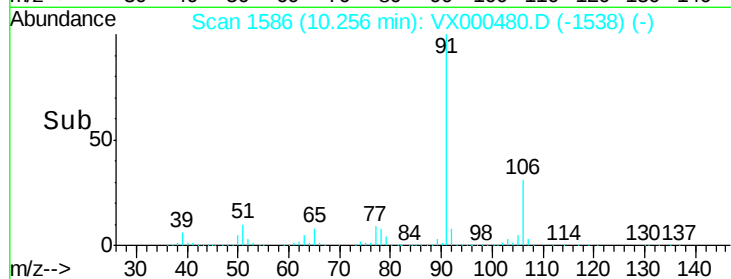
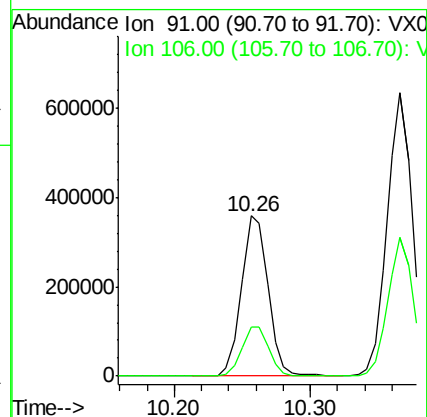
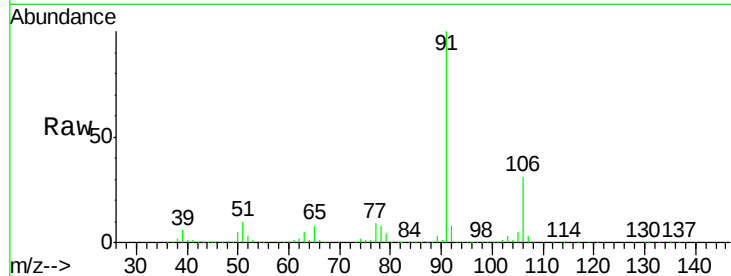
106 30.6 25.0 37.6

Manual Integrations

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#68

m/p-Xylenes

Concen: 117.23 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. -0.00 min

Lab File: VX000480.D

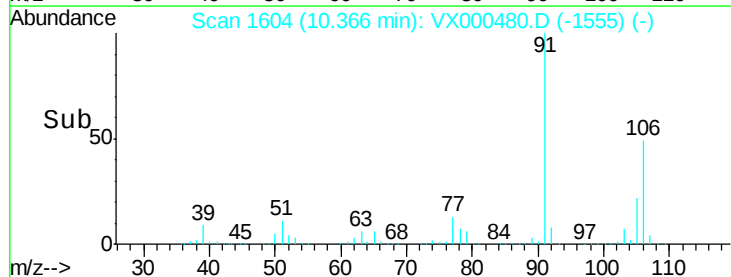
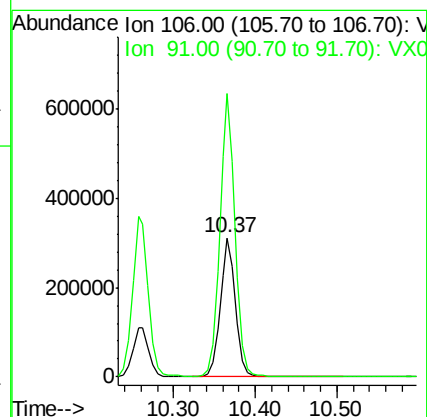
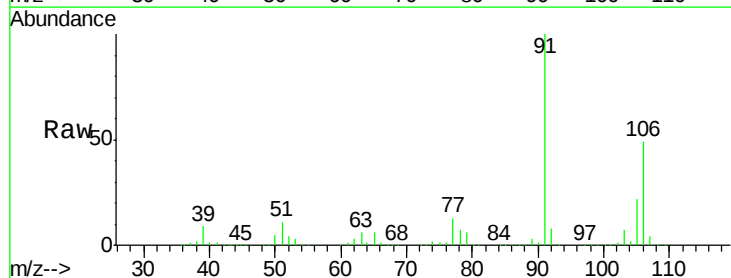
Acq: 28 Mar 2018 10:45

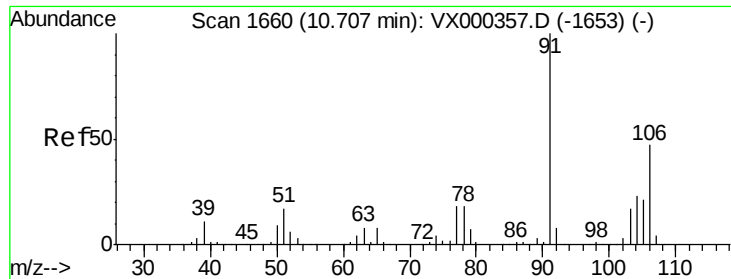
Tgt Ion: 106 Resp: 406112

Ion Ratio Lower Upper

106 100

91 204.5 163.4 245.2





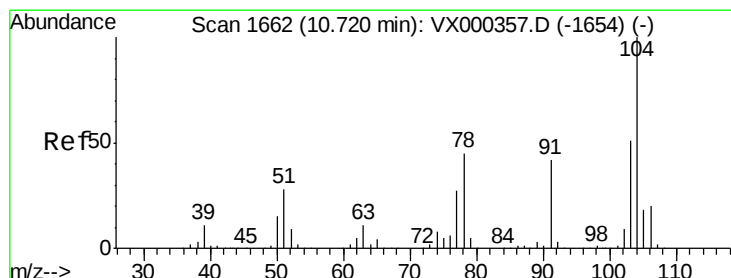
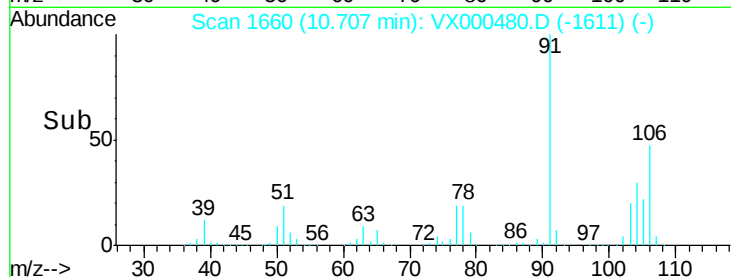
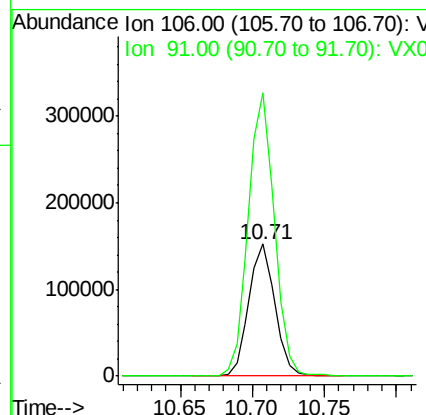
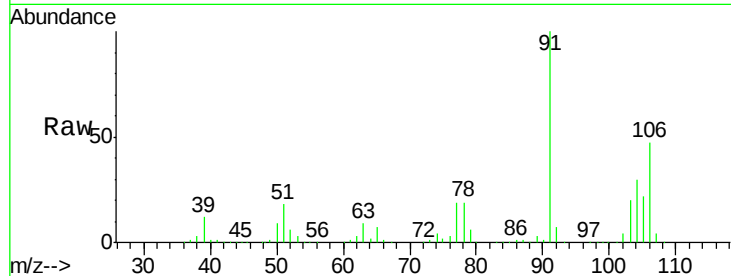
#69
o-Xylene
Concen: 57.16 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX000480.D
Acq: 28 Mar 2018 10:45

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		191734		
91	214.6	106.5	319.6		

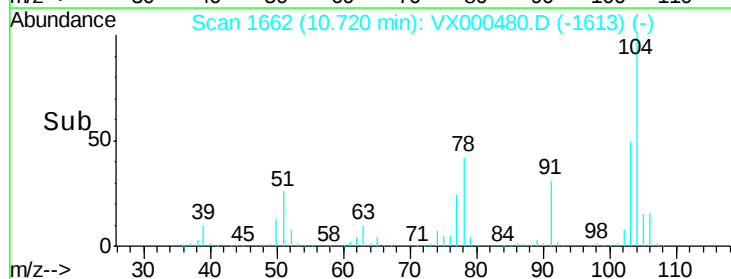
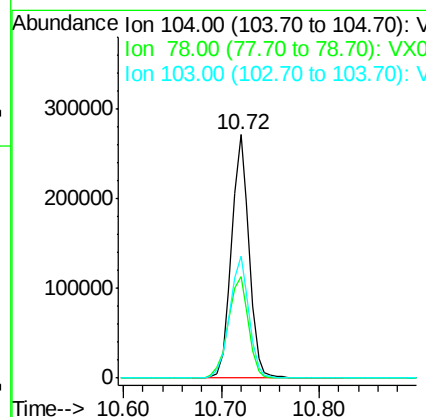
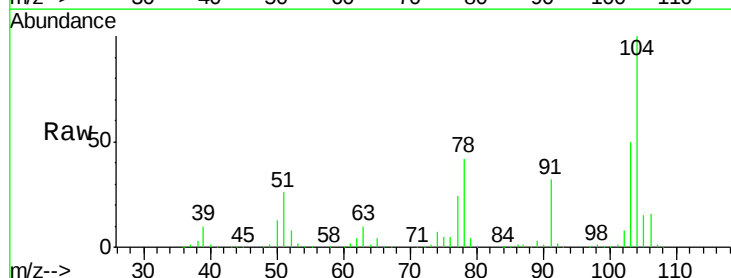
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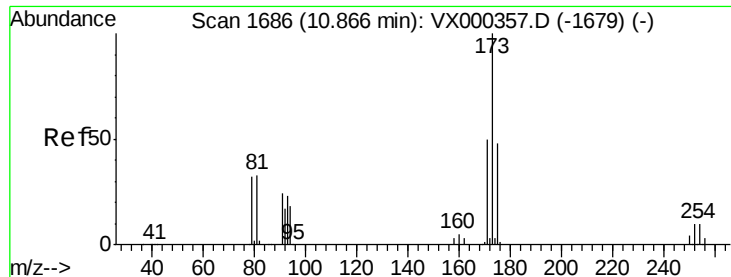
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#70
Styrene
Concen: 61.12 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX000480.D
Acq: 28 Mar 2018 10:45

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		339205		
78	48.1	40.5	60.7		
103	54.8	45.7	68.5		





#71

Bromoform

Concen: 48.92 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VX000480.D

Acq: 28 Mar 2018 10:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:173 Resp: 89698

Ion Ratio Lower Upper

173 100

175 49.1 25.4 76.4

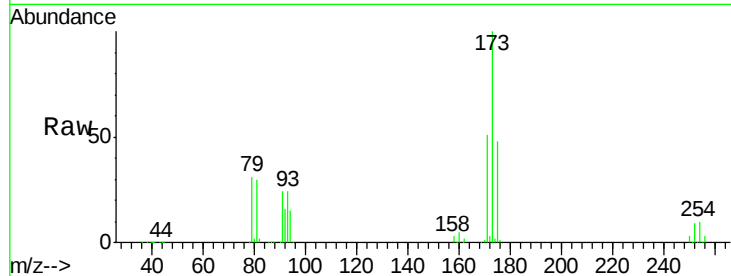
254 0.1 0.0 0.0#

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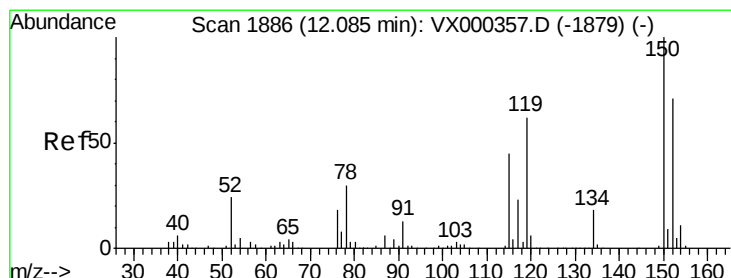
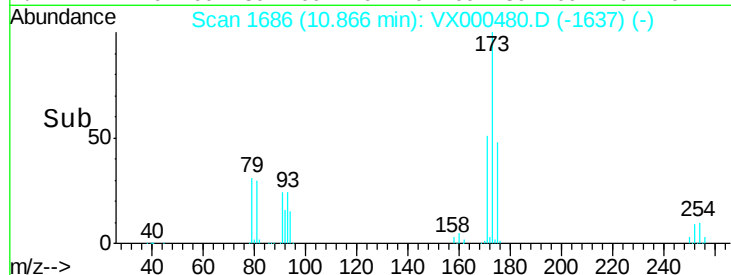
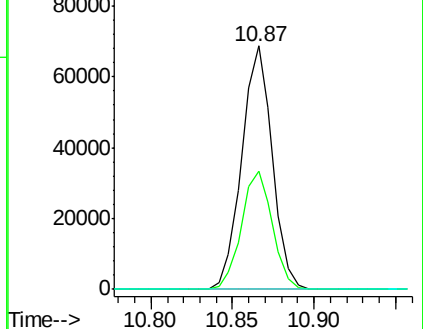
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Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX000480.D

Acq: 28 Mar 2018 10:45

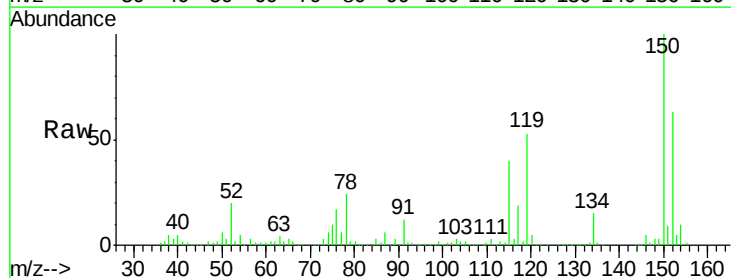
Tgt Ion:152 Resp: 161598

Ion Ratio Lower Upper

152 100

115 85.8 39.8 119.3

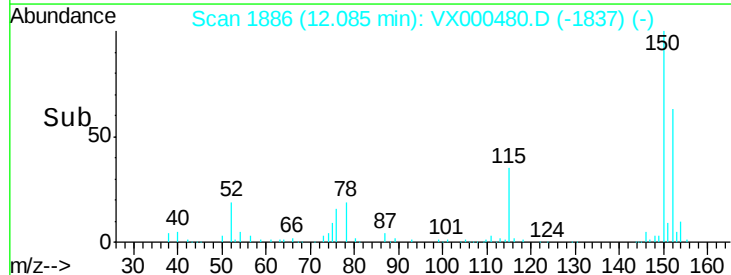
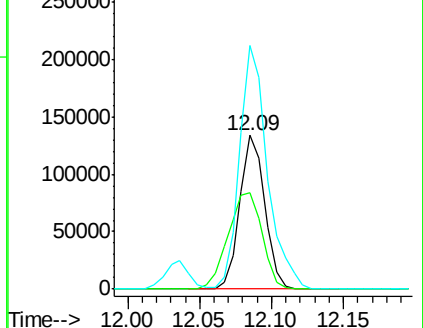
150 176.1 0.0 344.4

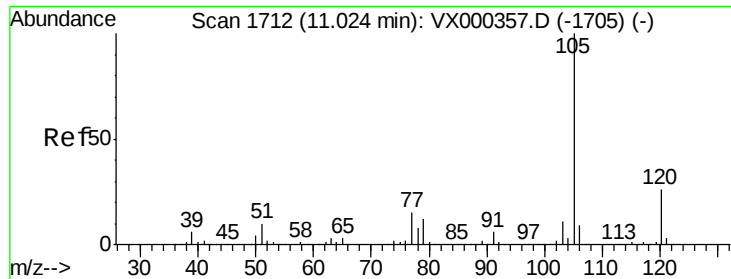


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 50.90 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX000480.D

Acq: 28 Mar 2018 10:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 105 Resp: 544959

Ion Ratio Lower Upper

105 100

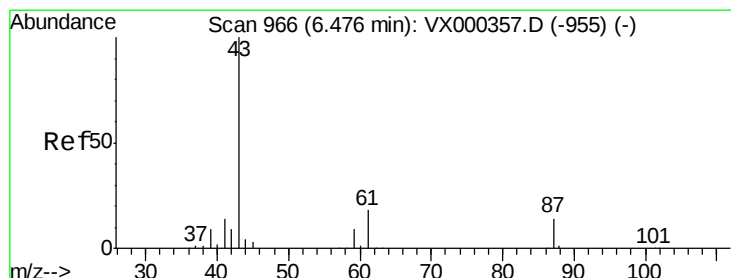
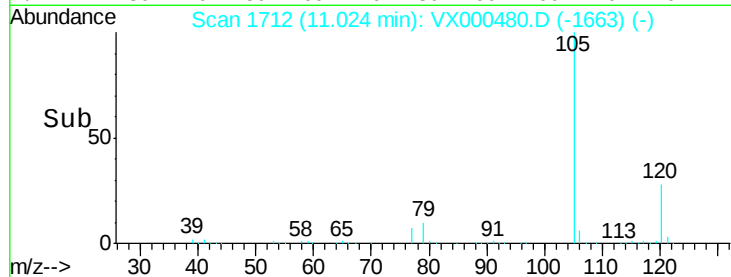
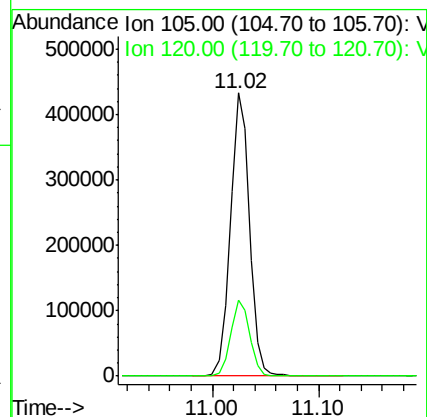
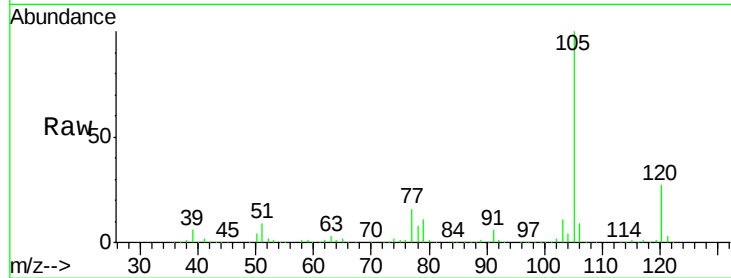
120 26.9 13.6 40.7

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#74

N-ethyl acetate

Concen: 54.95 ug/l

RT: 6.47 min Scan# 966

Delta R.T. -0.01 min

Lab File: VX000480.D

Acq: 28 Mar 2018 10:45

Tgt Ion: 43 Resp: 254914

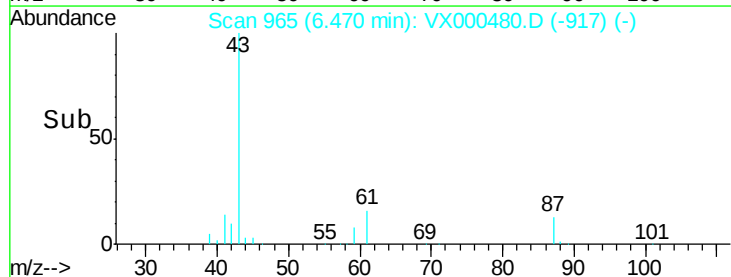
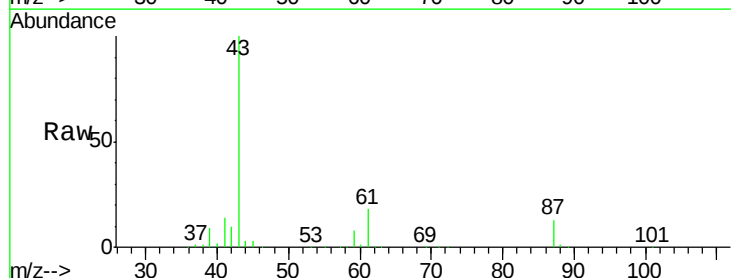
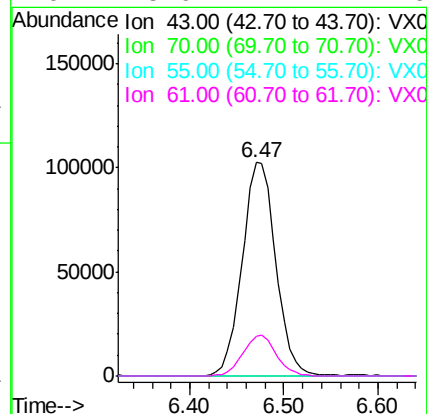
Ion Ratio Lower Upper

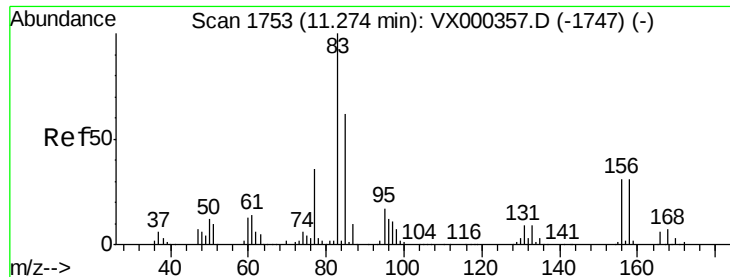
43 100

70 0.0 0.0 0.0

55 0.1 0.0 0.0#

61 18.9 14.4 21.6





#75

1,1,2,2-Tetrachloroethane

Concen: 50.84 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX000480.D

Acq: 28 Mar 2018 10:45

Instrument :

MSVOA_X

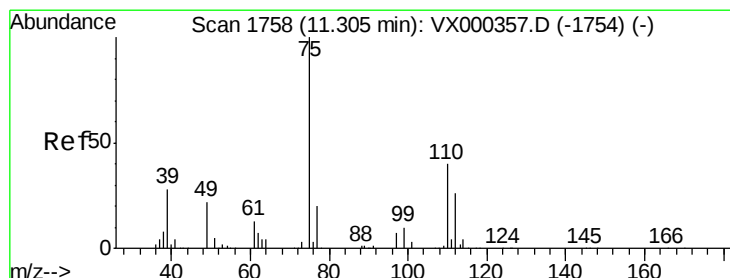
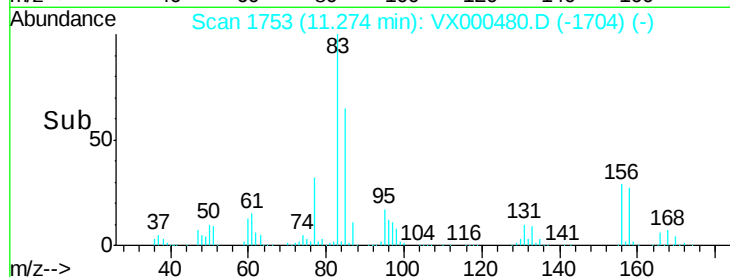
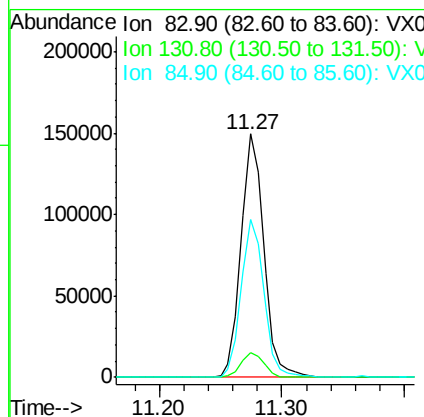
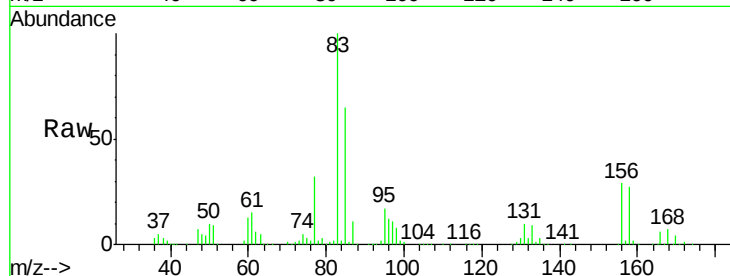
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	192525
Ion Ratio		Lower	Upper
83	100		
131	10.4	5.0	14.9
85	65.1	32.5	97.5

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#76

1,2,3-Trichloropropane

Concen: 50.81 ug/l m

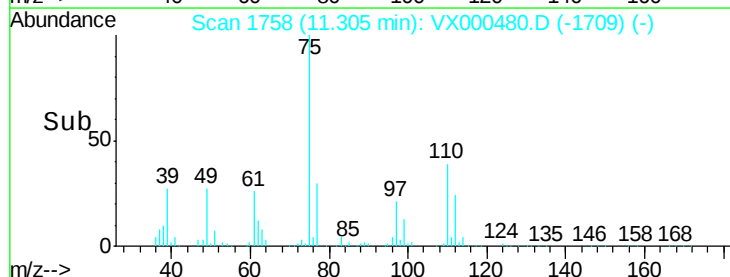
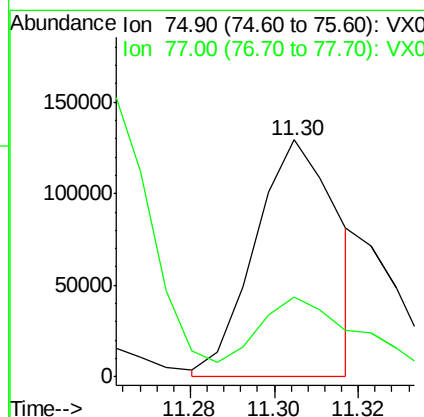
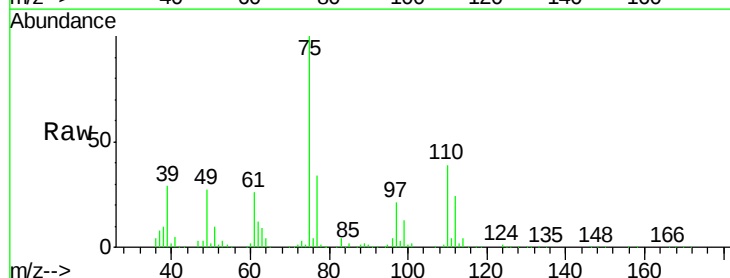
RT: 11.30 min Scan# 1758

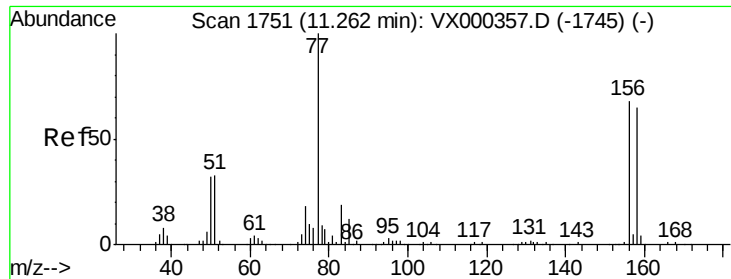
Delta R.T. -0.00 min

Lab File: VX000480.D

Acq: 28 Mar 2018 10:45

Tgt Ion:	75	Resp:	176454
Ion Ratio		Lower	Upper
75	100		
77	42.3	21.4	64.2





#77

Bromobenzene

Concen: 47.75 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX000480.D

Acq: 28 Mar 2018 10:45

Instrument :

MSVOA_X

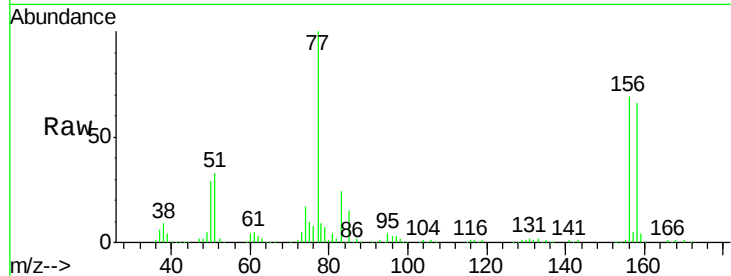
ClientSampleId :

VSTDCCC050

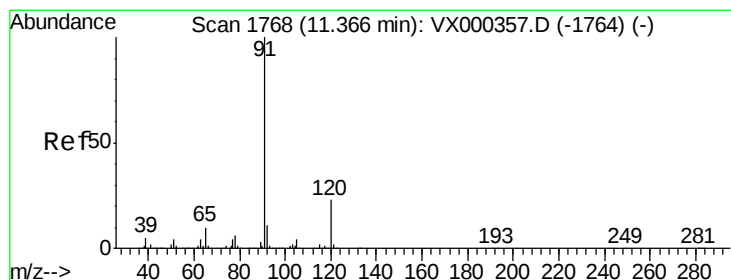
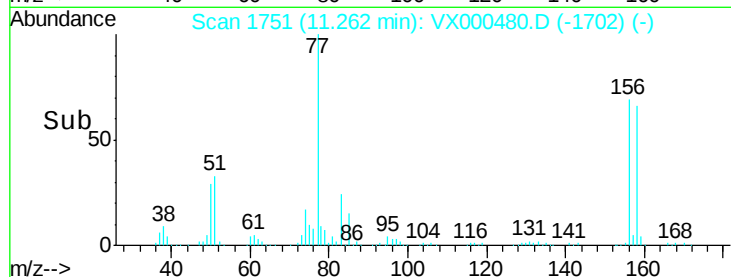
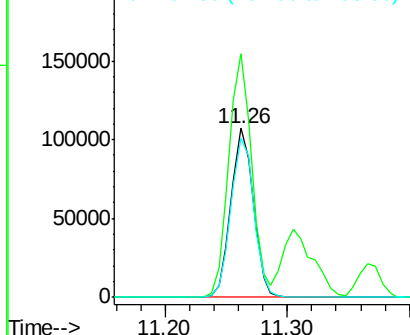
Tot Ion:	156	Resp:	136205
Ion Ratio	Lower	Upper	
156	100		
77	146.3	73.4	220.2
158	97.0	48.5	145.6

Manual Integrations
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Abundance Ion 155.80 (155.50 to 156.50): V
Ion 77.00 (76.70 to 77.70): VX0
Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 51.14 ug/l

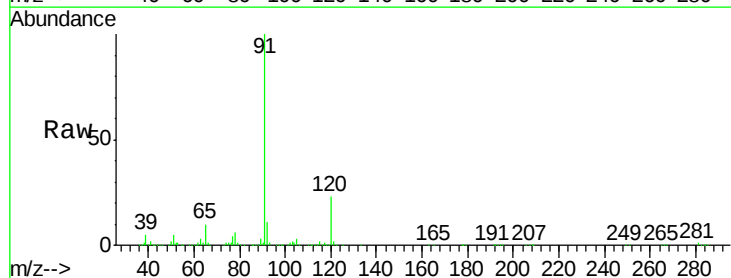
RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

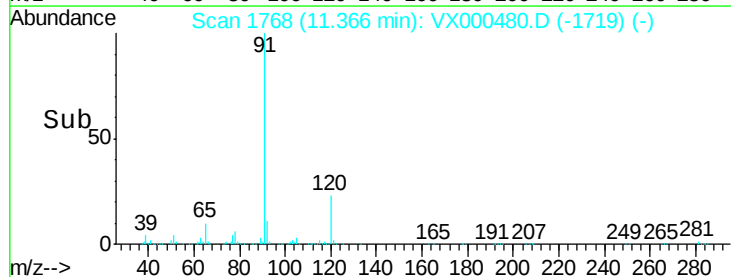
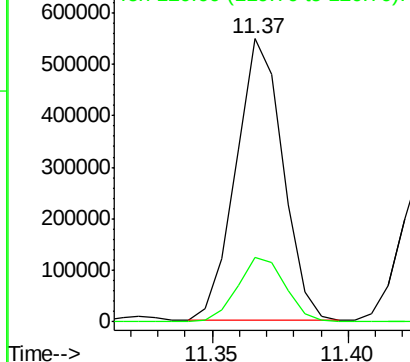
Lab File: VX000480.D

Acq: 28 Mar 2018 10:45

Tgt Ion:	91	Resp:	652835
Ion Ratio	Lower	Upper	
91	100		
120	23.8	11.8	35.3



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 50.14 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX000480.D

Acq: 28 Mar 2018 10:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 369763

Ion Ratio Lower Upper

91 100

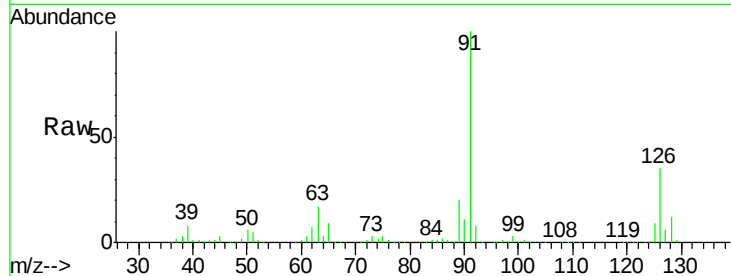
126 36.0 17.7 53.1

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Abundance Ion 91.00 (90.70 to 91.70): VX000357.D (-1774) (-)

Ion 125.90 (125.60 to 126.60): VX000357.D (-1774) (-)

600000

500000

400000

300000

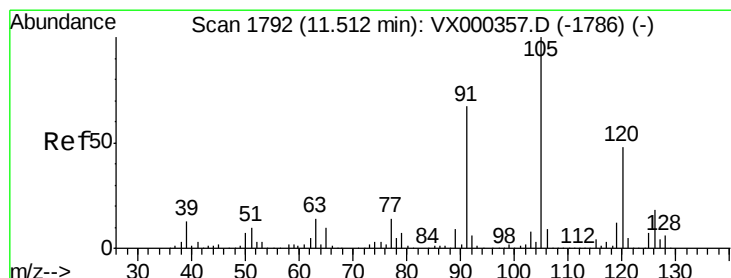
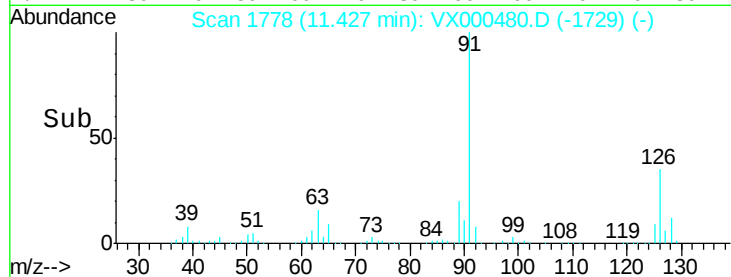
200000

100000

0

11.40 11.43 11.50

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 55.10 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX000480.D

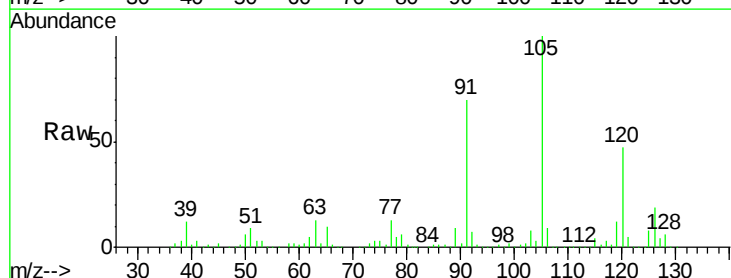
Acq: 28 Mar 2018 10:45

Tgt Ion: 105 Resp: 496023

Ion Ratio Lower Upper

105 100

120 48.6 24.1 72.4



Abundance Ion 105.00 (104.70 to 105.70): VX000357.D (-1786) (-)

Ion 120.00 (119.70 to 120.70): VX000357.D (-1786) (-)

500000

400000

300000

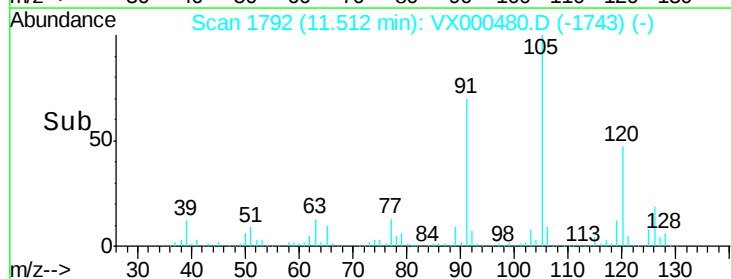
200000

100000

0

11.50 11.51 11.60

Time-->





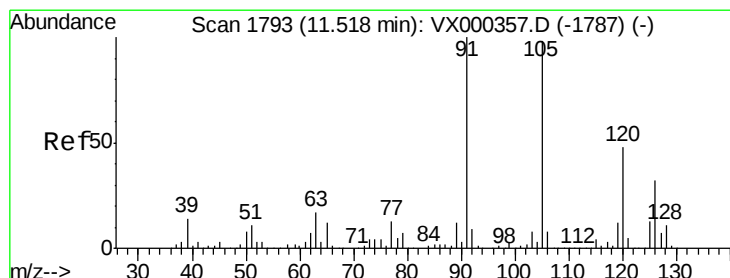
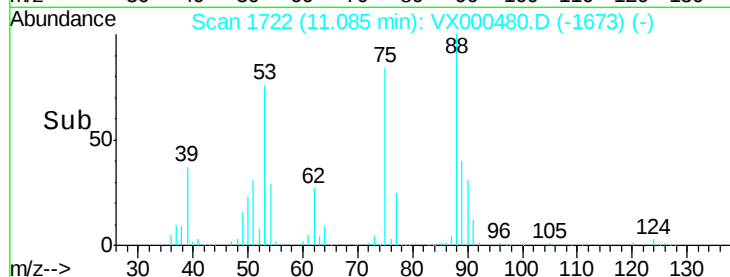
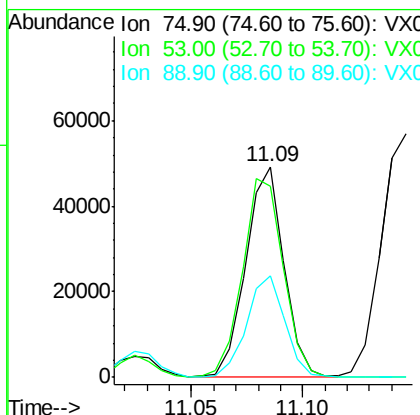
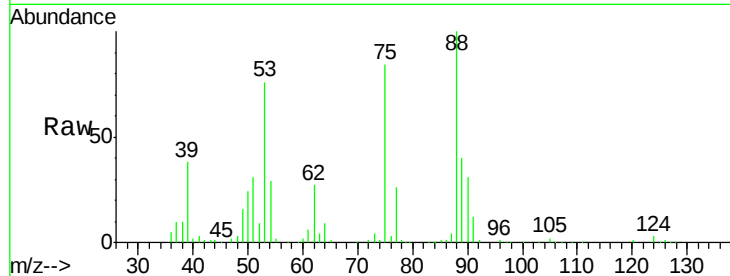
#81
trans-1,4-Dichloro-2-butene
Concen: 54.54 ug/l
RT: 11.09 min Scan# 1722
Delta R.T. -0.00 min
Lab File: VX000480.D
Acq: 28 Mar 2018 10:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	102.3	80.7	121.1
89	48.9	39.4	59.0

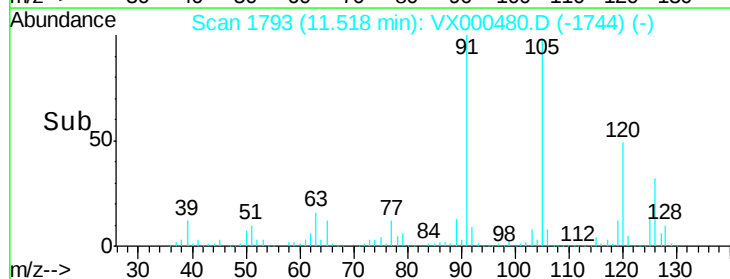
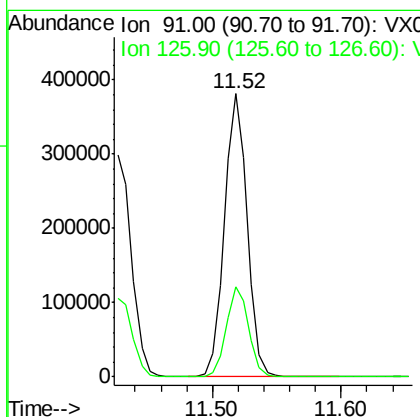
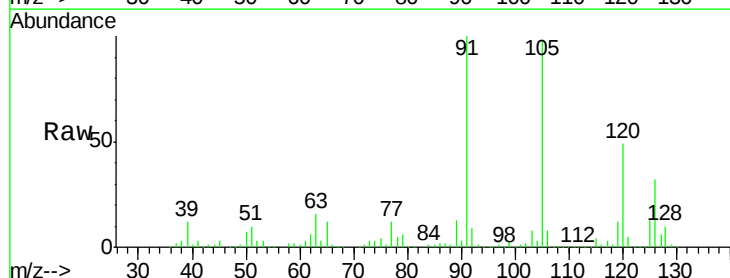
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#82
4-Chlorotoluene
Concen: 53.79 ug/l
RT: 11.52 min Scan# 1793
Delta R.T. -0.00 min
Lab File: VX000480.D
Acq: 28 Mar 2018 10:45

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.5	15.4	46.1





#83

tert-Butylbenzene

Concen: 52.27 ug/l

RT: 11.78 min Scan# 1836

Delta R.T. -0.00 min

Lab File: VX000480.D

Acq: 28 Mar 2018 10:45

Instrument :

MSVOA_X

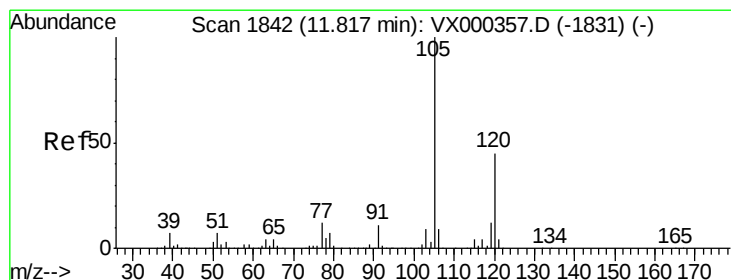
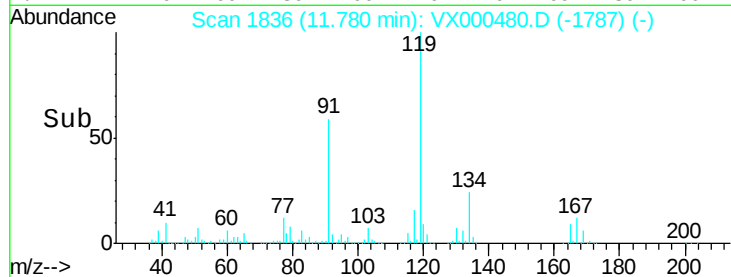
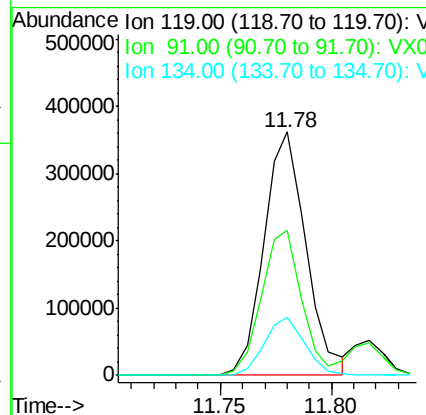
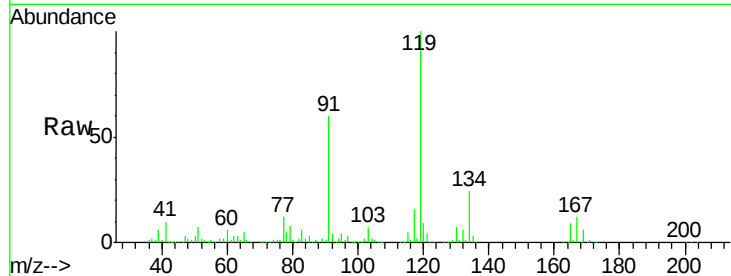
ClientSampleId :

VSTDCCC050

Tot Ion:	119	Resp:	474555
Ion Ratio	Lower	Upper	
119	100		
91	57.0	28.8	86.4
134	22.9	11.4	34.1

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#84

1,2,4-Trimethylbenzene

Concen: 53.50 ug/l

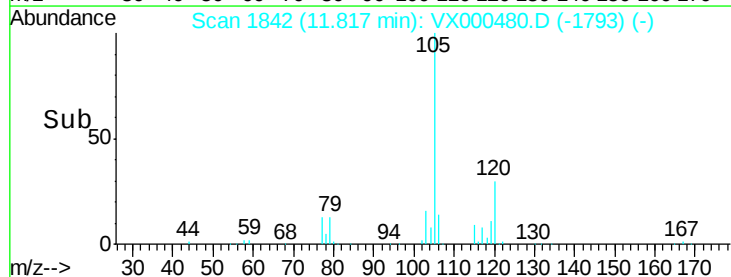
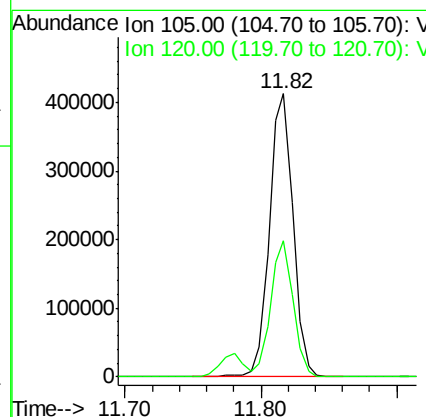
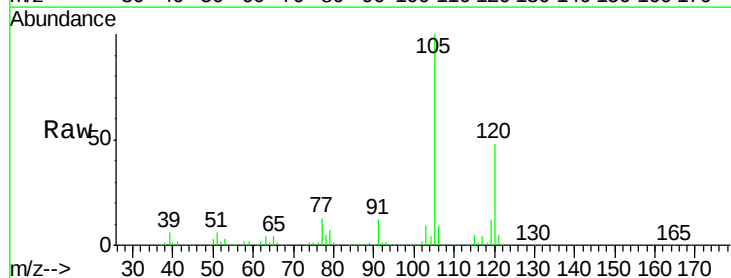
RT: 11.82 min Scan# 1842

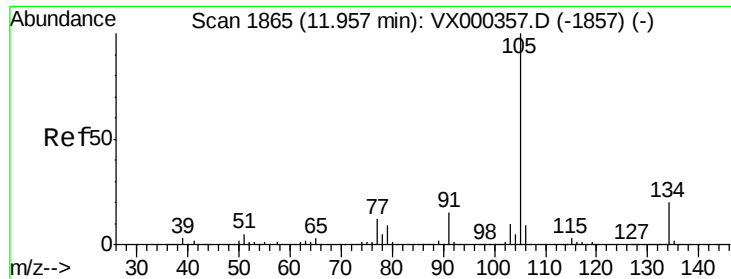
Delta R.T. -0.00 min

Lab File: VX000480.D

Acq: 28 Mar 2018 10:45

Tgt Ion:	105	Resp:	504997
Ion Ratio	Lower	Upper	
105	100		
120	45.6	22.4	67.3





#85

sec-Butylbenzene

Concen: 55.14 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.01 min

Lab File: VX000480.D

Acq: 28 Mar 2018 10:45

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion:105 Resp: 619485

Ion Ratio Lower Upper

105 100

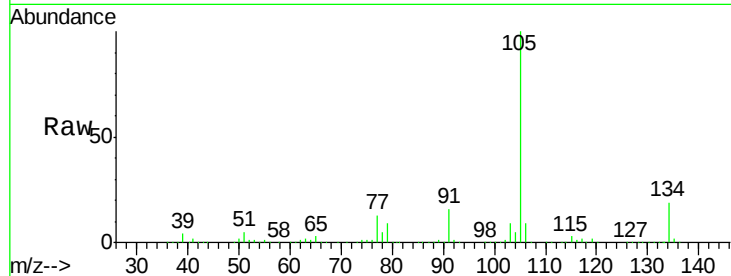
134 20.3 10.3 30.8

Manual Integrations

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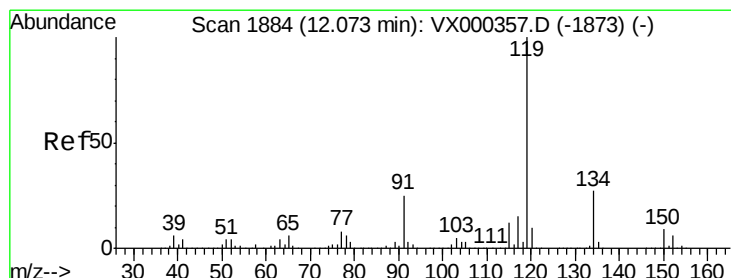
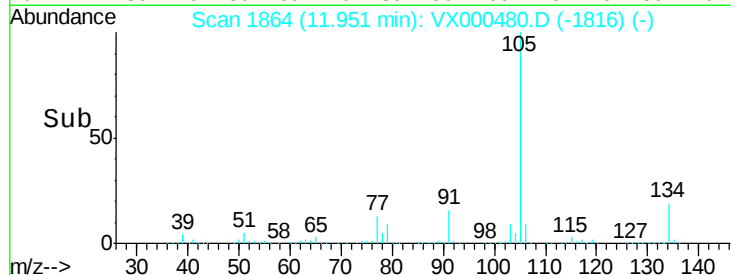
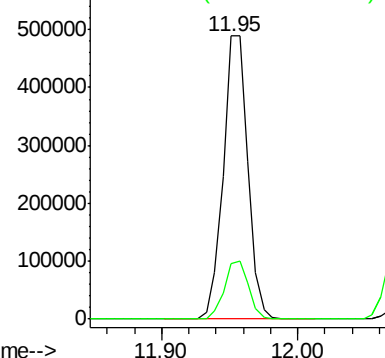
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 56.24 ug/l

RT: 12.07 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VX000480.D

Acq: 28 Mar 2018 10:45

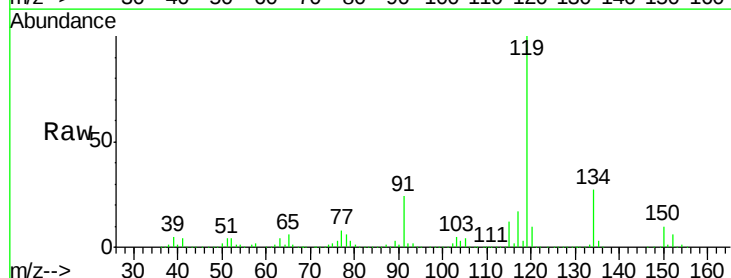
Tgt Ion:119 Resp: 561181

Ion Ratio Lower Upper

119 100

134 26.5 13.3 39.9

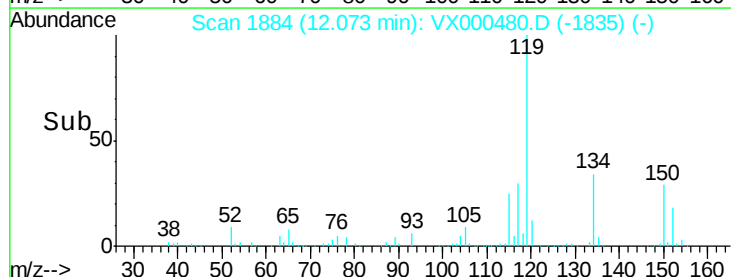
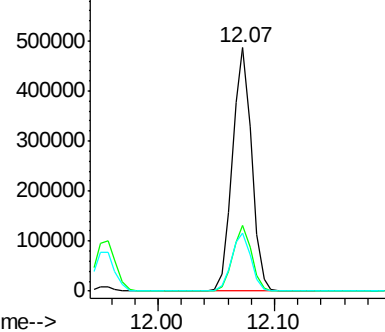
91 24.3 12.0 36.1



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): V





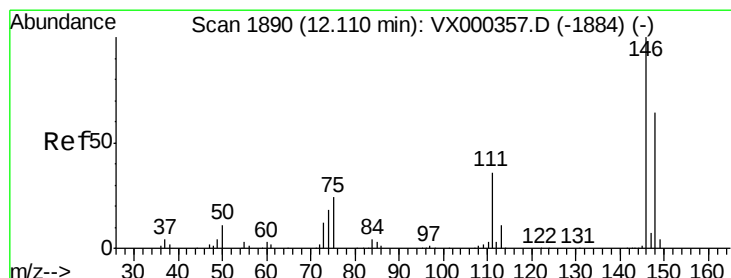
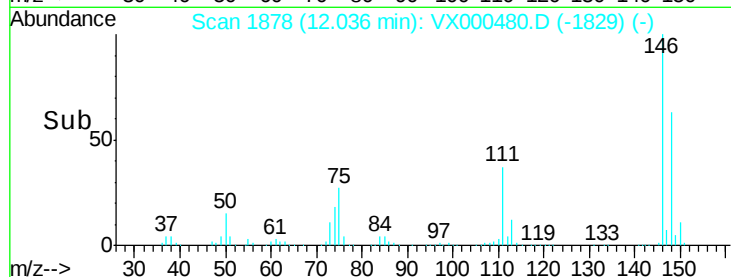
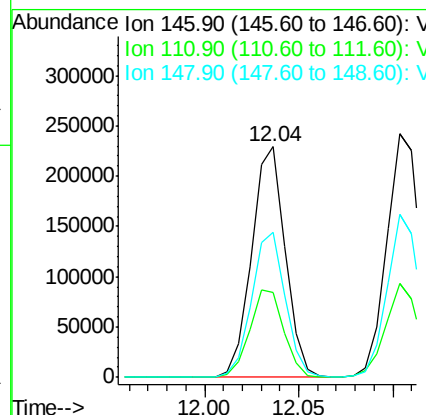
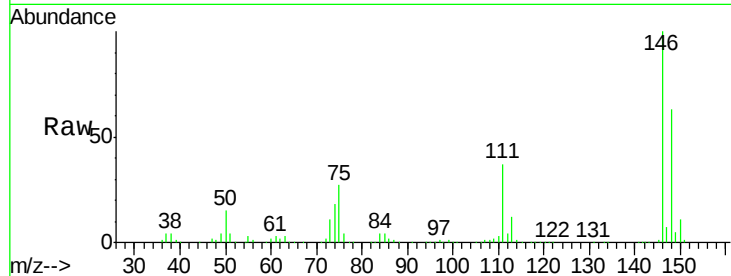
#87
 1,3-Dichlorobenzene
 Concen: 52.53 ug/l
 RT: 12.04 min Scan# 1878
 Delta R.T. -0.00 min
 Lab File: VX000480.D
 Acq: 28 Mar 2018 10:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.6	19.5	58.5
148	63.0	32.4	97.0

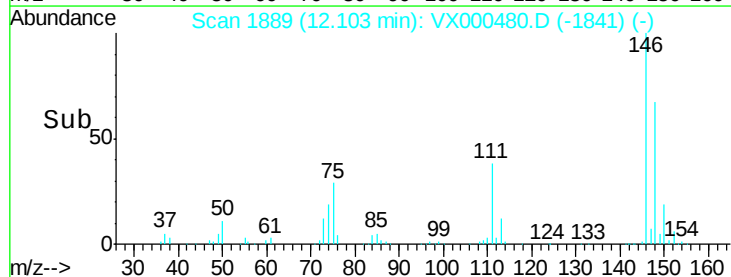
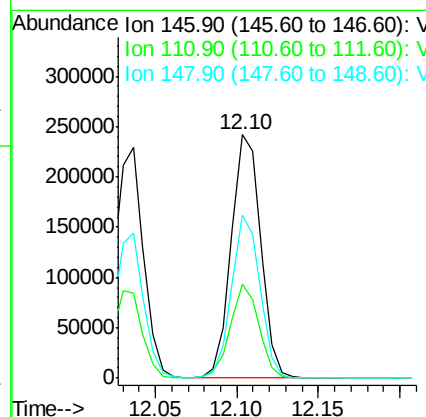
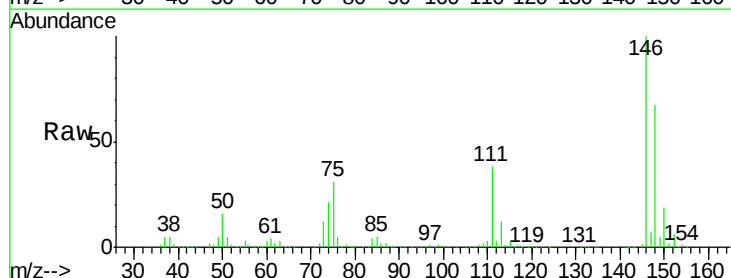
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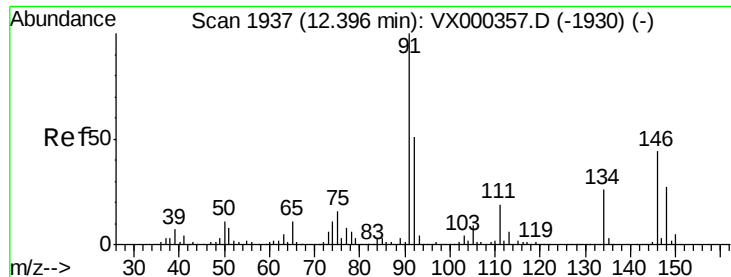
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#88
 1,4-Dichlorobenzene
 Concen: 53.77 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.01 min
 Lab File: VX000480.D
 Acq: 28 Mar 2018 10:45

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.5	18.9	56.9
148	64.5	31.0	93.0





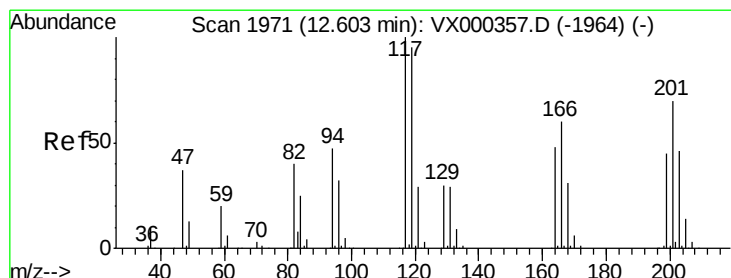
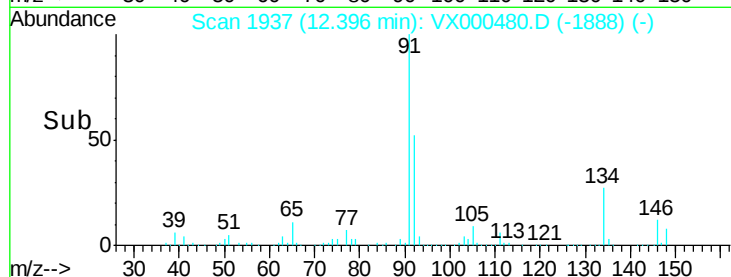
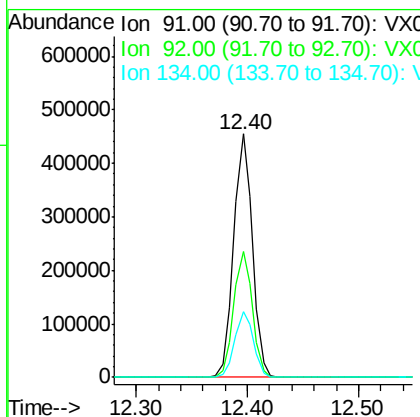
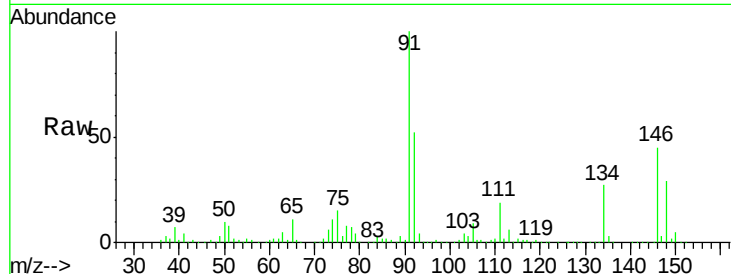
#89
n-Butylbenzene
Concen: 56.75 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VX000480.D
Acq: 28 Mar 2018 10:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
91	100		527195		
92	51.7	25.9	77.8		
134	26.9	13.1	39.3		

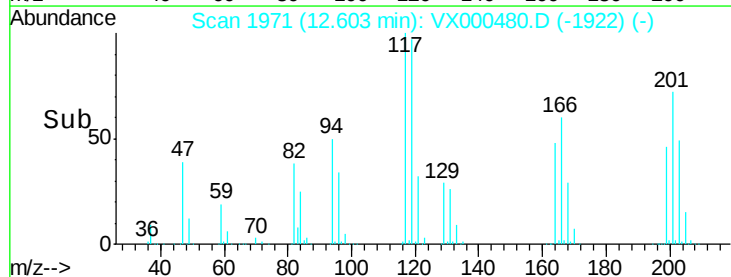
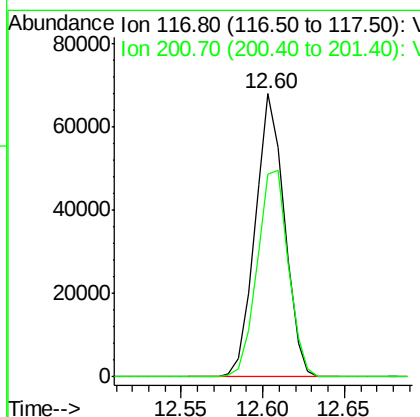
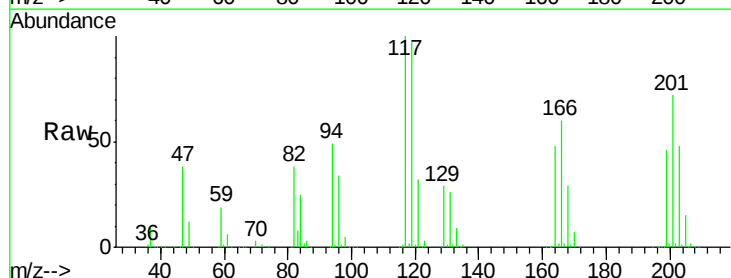
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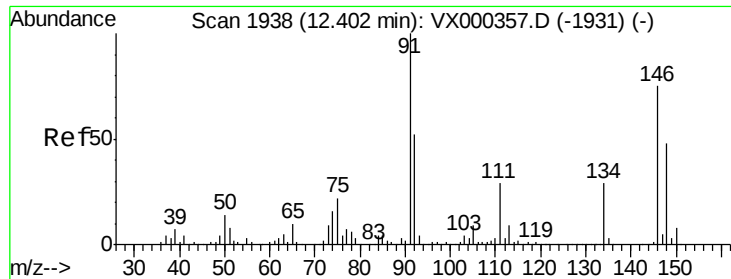
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#90
Hexachloroethane
Concen: 54.16 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. -0.00 min
Lab File: VX000480.D
Acq: 28 Mar 2018 10:45

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	100		85054		
201	77.7	37.9	113.6		





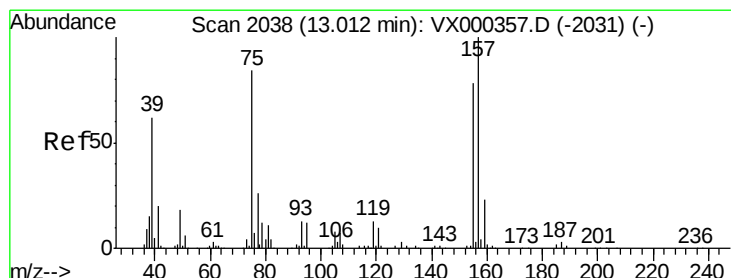
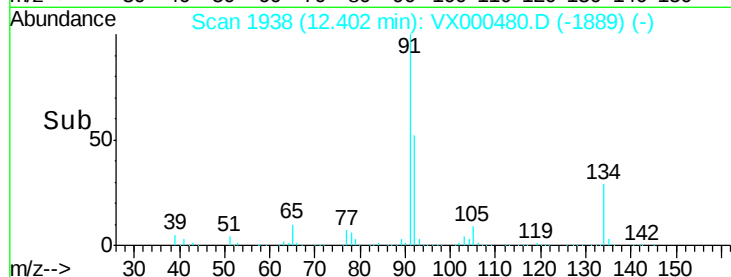
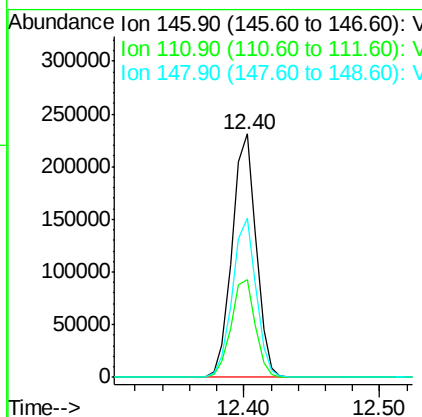
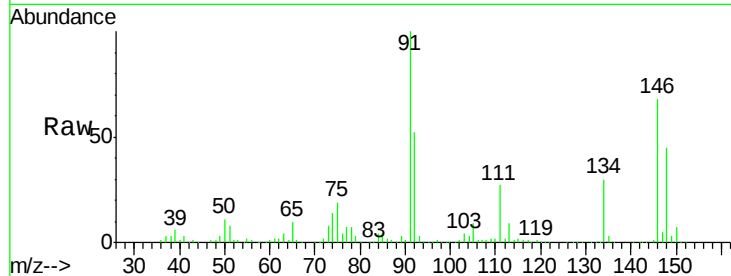
#91
 1,2-Dichlorobenzene
 Concen: 53.67 ug/l
 RT: 12.40 min Scan# 1938
 Delta R.T. -0.00 min
 Lab File: VX000480.D
 Acq: 28 Mar 2018 10:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.4	20.1	60.2
148	64.6	31.2	93.6

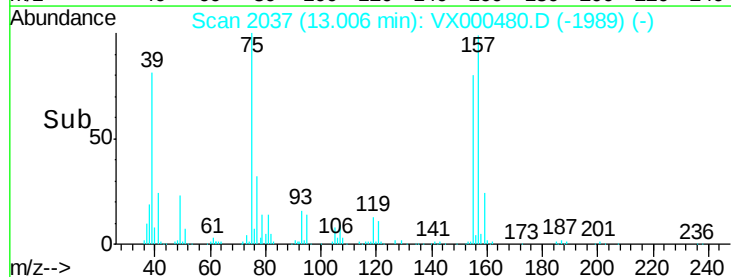
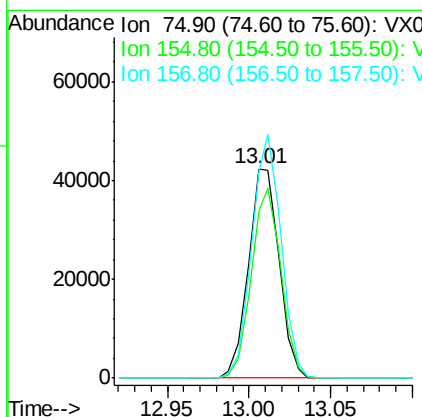
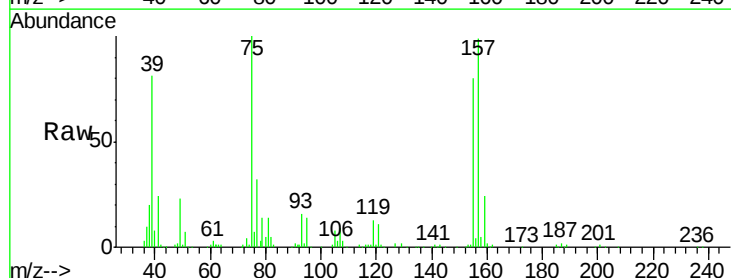
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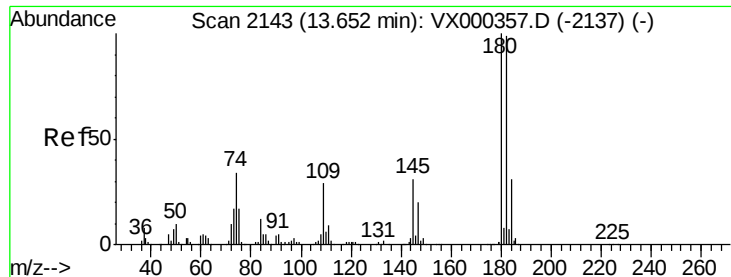
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 52.82 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.01 min
 Lab File: VX000480.D
 Acq: 28 Mar 2018 10:45

Tgt Ion	Ratio	Lower	Upper
75	100		
155	86.9	45.0	134.8
157	110.8	58.1	174.2





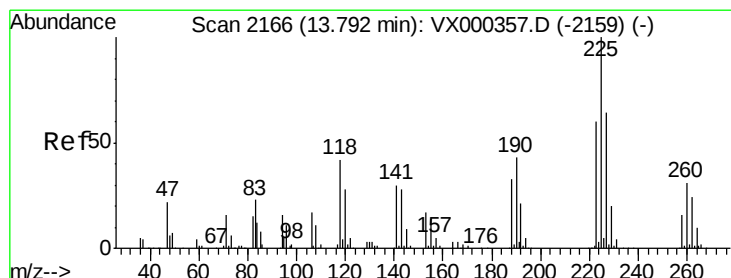
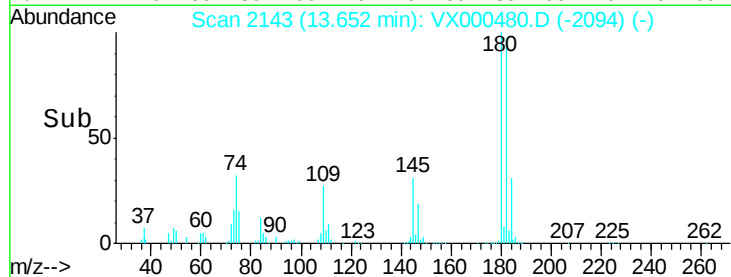
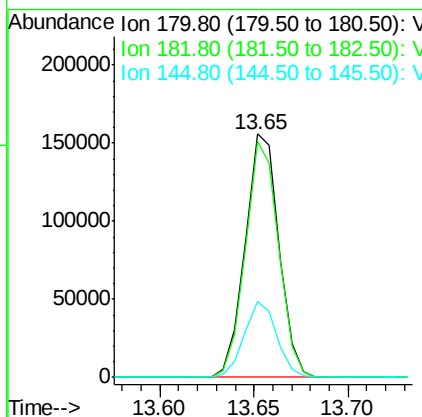
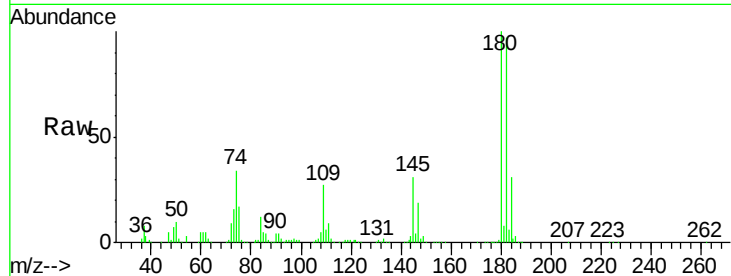
#93
1,2,4-Trichlorobenzene
Concen: 51.25 ug/l
RT: 13.65 min Scan# 2143
Delta R.T. -0.00 min
Lab File: VX000480.D
Acq: 28 Mar 2018 10:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	194256		
182	94.9	47.6	142.9	
145	30.0	15.1	45.3	

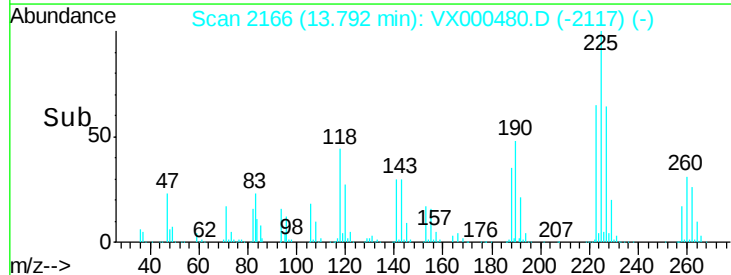
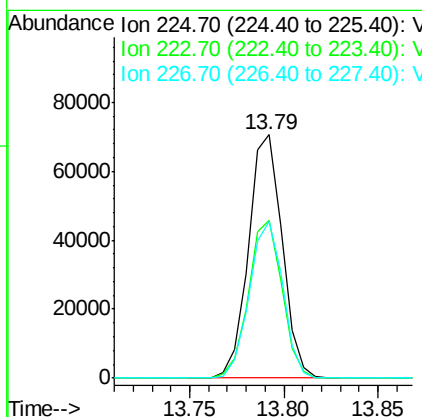
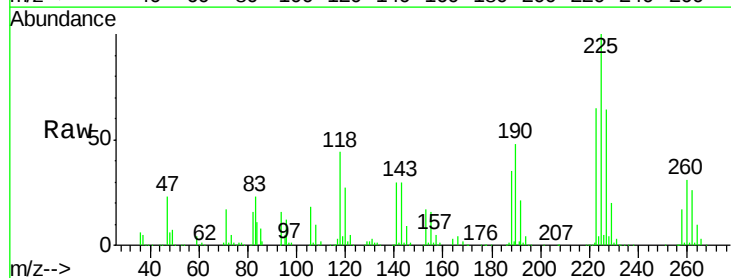
Manual Integrations
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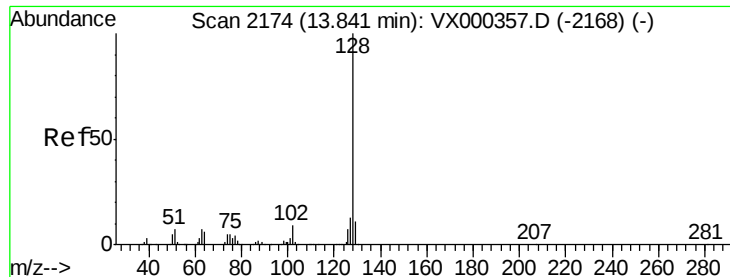
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#94
Hexachlorobutadiene
Concen: 55.75 ug/l
RT: 13.79 min Scan# 2166
Delta R.T. -0.00 min
Lab File: VX000480.D
Acq: 28 Mar 2018 10:45

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	87493		
223	64.6	32.0	96.0	
227	63.5	32.6	98.0	





#95

Naphthalene

Concen: 52.47 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX000480.D

Acq: 28 Mar 2018 10:45

Instrument :

MSVOA_X

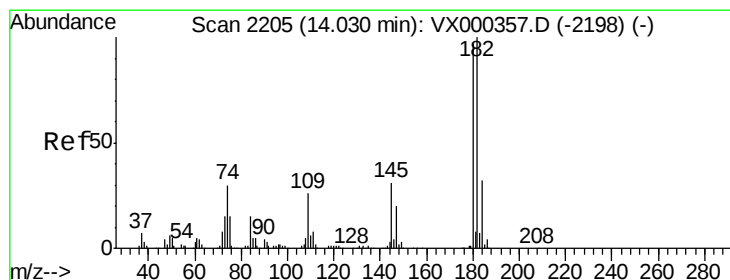
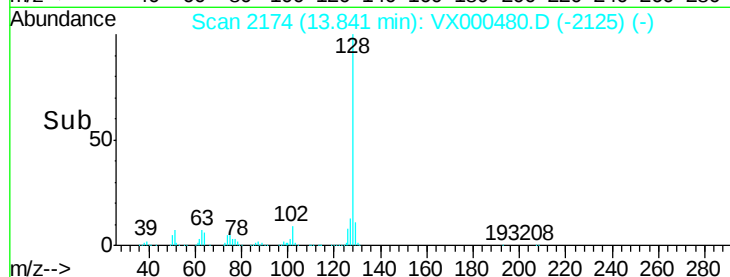
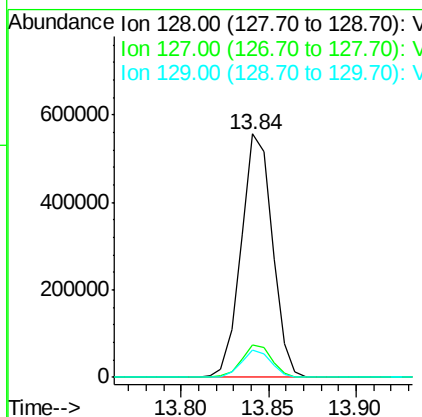
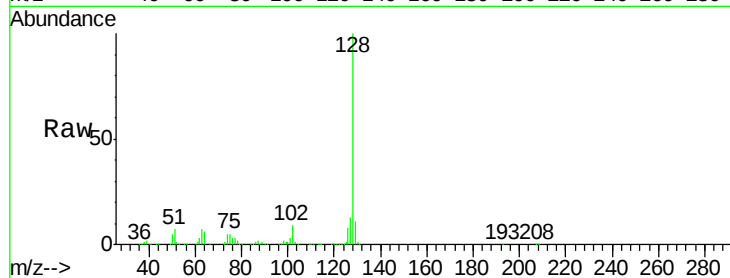
ClientSampleId :

VSTDCCC050

Tot Ion:	128	Resp:	692880
Ion Ratio	Lower	Upper	
128	100		
127	13.1	10.6	15.8
129	10.8	8.9	13.3

Manual Integrations
APPROVED

MMDadoda
3/29/2018 11:19:39 AM



#96

1,2,3-Trichlorobenzene

Concen: 52.33 ug/l

RT: 14.03 min Scan# 2205

Delta R.T. -0.00 min

Lab File: VX000480.D

Acq: 28 Mar 2018 10:45

Tgt Ion:	180	Resp:	196009
Ion Ratio	Lower	Upper	
180	100		
182	95.7	47.4	142.3
145	31.7	15.8	47.3

