

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX033018\
 Data File : VX000573.D
 Acq On : 30 Mar 2018 20:56
 Operator : JC/MD
 Sample : VX0330MBSD01
 Misc : 5.00µg/10mL/100µL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0330MBSD01

Manual Integrations
 APPROVED

sam
 4/4/2018 6:11:26 PM

Quant Time: Apr 04 11:21:57 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	5.68	168	166723	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	282350	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	302569	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	181871	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.08	65	115350	53.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.00%	
35) Dibromofluoromethane	5.51	113	90056	50.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.24%	
50) Toluene-d8	8.73	98	372864	50.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.20%	
62) 4-Bromofluorobenzene	11.15	95	149734	48.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.64%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	29916	16.28	ug/l	94
3) Chloromethane	1.32	50	33339	17.22	ug/l	96
4) Vinyl Chloride	1.40	62	43914	21.47	ug/l	99
5) Bromomethane	1.64	94	39015	15.96	ug/l	95
6) Chloroethane	1.73	64	31814	27.48	ug/l	99
7) Trichlorofluoromethane	1.93	101	86599	23.46	ug/l	99
8) Diethyl Ether	2.20	74	31810	24.11	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.39	101	48599	23.61	ug/l	93
10) Methyl Iodide	2.52	142	69505	35.44	ug/l	97
11) Tert butyl alcohol	3.08	59	79989	106.85	ug/l	98
12) 1,1-Dichloroethene	2.38	96	45658	25.27	ug/l	90
13) Acrolein	2.30	56	51553	217.68	ug/l	96
14) Allyl chloride	2.73	41	72390	22.62	ug/l	98
15) Acrylonitrile	3.16	53	163776	108.02	ug/l	98
16) Acetone	2.45	43	177451	98.02	ug/l	97
17) Carbon Disulfide	2.57	76	112469	23.40	ug/l	97
18) Methyl Acetate	2.79	43	80924	21.32	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	157208	23.52	ug/l	96
20) Methylene Chloride	2.87	84	53532	25.60	ug/l	90
21) trans-1,2-Dichloroethene	3.17	96	49854	24.73	ug/l	99
22) Diisopropyl ether	3.88	45	96521	17.09	ug/l	97
23) Vinyl Acetate	3.84	43	456220	85.19	ug/l	99
24) 1,1-Dichloroethane	3.70	63	51505	14.50	ug/l	98
25) 2-Butanone	4.72	43	179994	88.45	ug/l	96
26) 2,2-Dichloropropane	4.60	77	46878	18.83	ug/l	98
27) cis-1,2-Dichloroethene	4.61	96	36717	19.49	ug/l	100
28) Bromochloromethane	5.03	49	28229	19.27	ug/l	97
29) Tetrahydrofuran	5.18	42	112255	89.66	ug/l	99
30) Chloroform	5.23	83	65764	19.76	ug/l	96
31) Cyclohexane	5.59	56	50520	18.40	ug/l	94
32) 1,1,1-Trichloroethane	5.51	97	58206	19.38	ug/l	99
36) 1,1-Dichloropropene	5.81	75	49945	18.88	ug/l	99
37) Ethyl Acetate	4.88	43	61324	16.97	ug/l	98
38) Carbon Tetrachloride	5.79	117	50980	18.37	ug/l	97

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	60783	18.90	µg/l	98
40) Benzene	6.15	78	143438	18.68	µg/l	98
41) Methacrylonitrile	5.07	41	32396	17.01	µg/l	98
42) 1,2-Dichloroethane	6.21	62	57568	19.10	µg/l	99
43) Isopropyl Acetate	6.48	43	97538	18.14	µg/l	99
44) Trichloroethene	7.23	130	43032	19.56	µg/l	96
45) 1,2-Dichloropropane	7.53	63	36648	18.64	µg/l	97
46) Dibromomethane	7.67	93	29351	19.02	µg/l	99
47) Bromodichloromethane	7.91	83	51409	18.93	µg/l	99
48) Methyl methacrylate	7.79	41	48666	18.64	µg/l	99
49) 1,4-Dioxane	7.77	88	21253	387.27	µg/l	97
51) 4-Methyl-2-Pentanone	8.66	43	374292	89.92	µg/l	99
52) Toluene	8.79	92	103416	19.26	µg/l	100
53) t-1,3-Dichloropropene	8.45	75	59139	18.80	µg/l	96
54) cis-1,3-Dichloropropene	9.05	75	58229	19.08	µg/l	99
55) 1,1,2-Trichloroethane	9.23	97	43329	19.62	µg/l	98
56) Ethyl methacrylate	9.19	69	63451	18.96	µg/l	98
57) 1,3-Dichloropropane	9.38	76	69161	19.58	µg/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	157777	98.25	µg/l	99
59) 2-Hexanone	9.51	43	311215	88.05	µg/l	100
60) Dibromochloromethane	9.59	129	43231	19.30	µg/l	99
61) 1,2-Dibromoethane	9.68	107	47523	20.07	µg/l	100
64) Tetrachloroethene	9.34	164	42925	18.28	µg/l	96
65) Chlorobenzene	10.15	112	125732	18.67	µg/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	41537	18.16	µg/l	99
67) Ethyl Benzene	10.26	91	208579	18.27	µg/l	100
68) m/p-Xylenes	10.37	106	169182	37.67	µg/l	97
69) o-Xylene	10.71	106	81835	18.82	µg/l	99
70) Styrene	10.72	104	135516	18.83	µg/l	97
71) Bromoform	10.87	173	33019	17.30	µg/l #	97
73) Isopropylbenzene	11.02	105	222023	18.43	µg/l	100
74) N-amyl acetate	6.48	43	97538	16.35	µg/l #	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	76615	17.98	µg/l	97
76) 1,2,3-Trichloropropane	11.30	75	75319m	19.27	µg/l	
77) Bromobenzene	11.26	156	55912	17.42	µg/l	99
78) n-propylbenzene	11.37	91	259681	18.07	µg/l	100
79) 2-Chlorotoluene	11.43	91	148603	17.90	µg/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	189100	18.66	µg/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	19386	16.06	µg/l	96
82) 4-Chlorotoluene	11.52	91	180820	18.24	µg/l	99
83) tert-Butylbenzene	11.78	119	189017	18.50	µg/l	99
84) 1,2,4-Trimethylbenzene	11.82	105	197809	18.62	µg/l	99
85) sec-Butylbenzene	11.96	105	231422	18.30	µg/l	100
86) p-Isopropyltoluene	12.07	119	209017	18.61	µg/l	99
87) 1,3-Dichlorobenzene	12.04	146	112334	18.51	µg/l	98
88) 1,4-Dichlorobenzene	12.10	146	117442	18.43	µg/l	98
89) n-Butylbenzene	12.40	91	190768	18.25	µg/l	99
90) Hexachloroethane	12.60	117	24156	13.67	µg/l	94
91) 1,2-Dichlorobenzene	12.40	146	108752	18.28	µg/l	98
92) 1,2-Dibromo-3-Chloropropan	13.01	75	18594	15.64	µg/l	95

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Instrument :
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ClientSampleId :
VX0330MBSD01

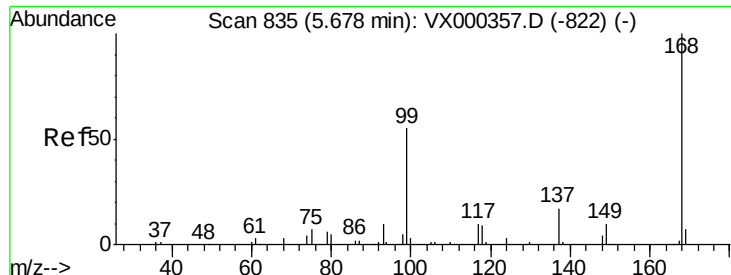
Manual Integrations
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Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	79608	18.66	ug/l	100
94) Hexachlorobutadiene	13.79	225	29836	16.89	ug/l	97
95) Naphthalene	13.84	128	280413	18.87	ug/l	99
96) 1,2,3-Trichlorobenzene	14.03	180	80096	19.00	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.68 min Scan# 835

Delta R.T. -0.00 min

Lab File: VX000573.D

Acq: 30 Mar 2018 20:56

Instrument :

MSVOA_X

ClientSampleId :

VX0330MBSD01

Tot Ion:168 Resp: 166723

Ion Ratio Lower Upper

168 100

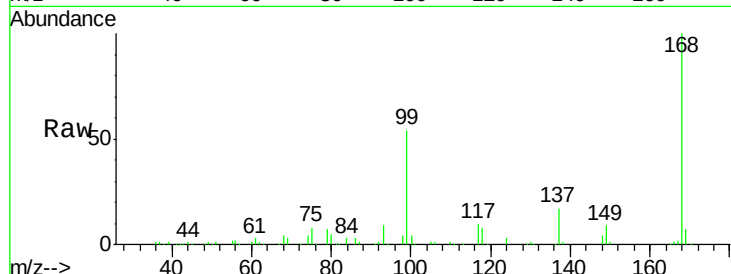
99 53.9 45.8 68.6

Manual Integrations

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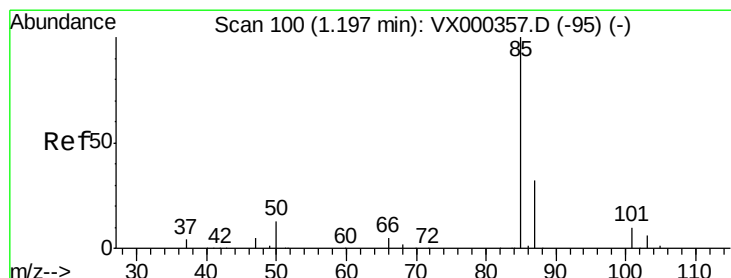
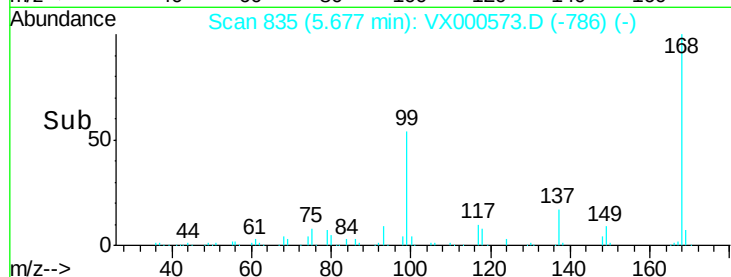
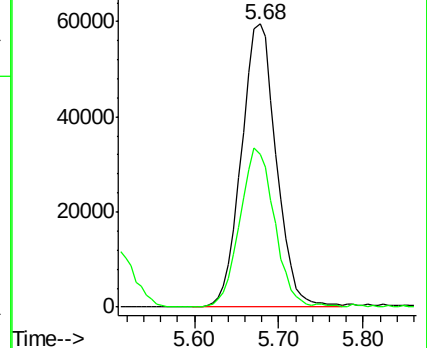
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 16.28 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX000573.D

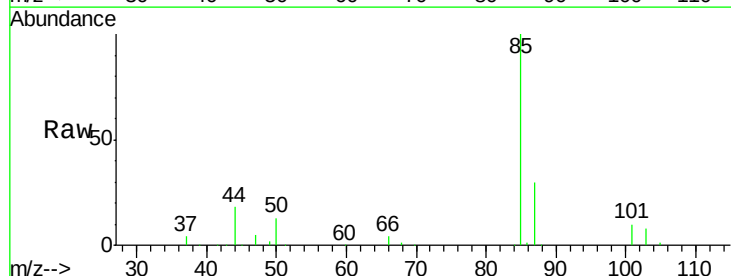
Acq: 30 Mar 2018 20:56

Tgt Ion: 85 Resp: 29916

Ion Ratio Lower Upper

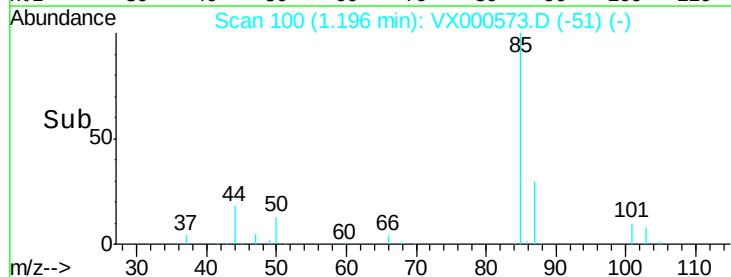
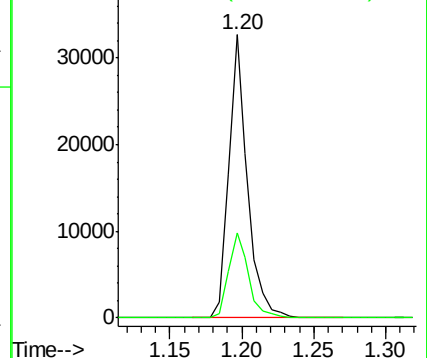
85 100

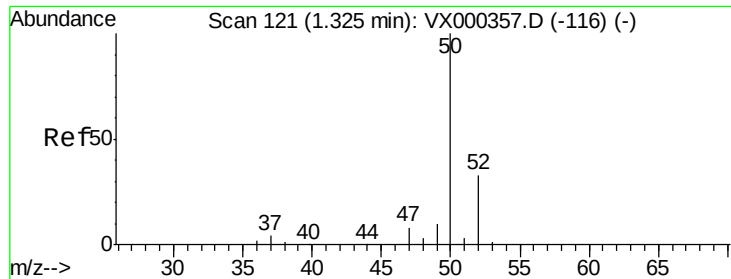
87 30.0 16.8 50.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 17.22 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX000573.D

Acq: 30 Mar 2018 20:56

Instrument :

MSVOA_X

ClientSampleId :

VX0330MBSD01

Tot Ion: 50 Resp: 33339

Ion Ratio Lower Upper

50 100

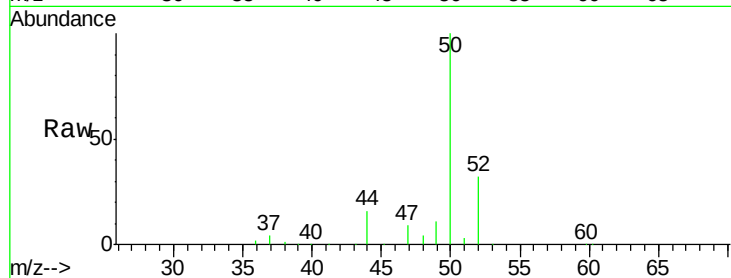
52 32.2 27.5 41.3

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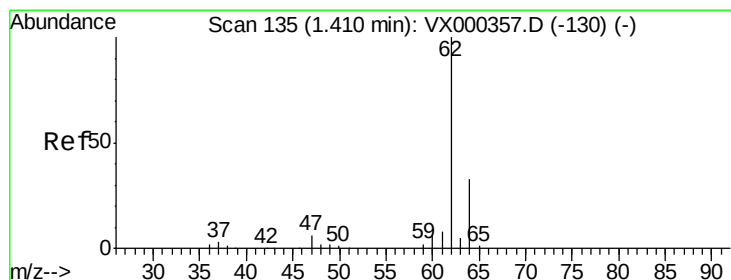
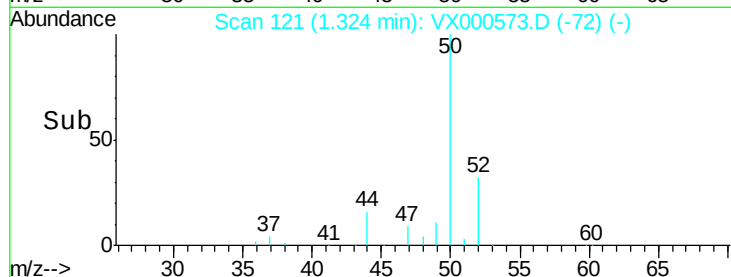
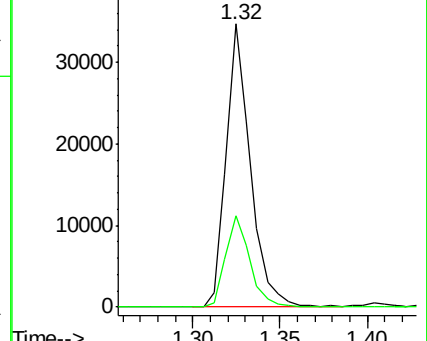
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 21.47 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.01 min

Lab File: VX000573.D

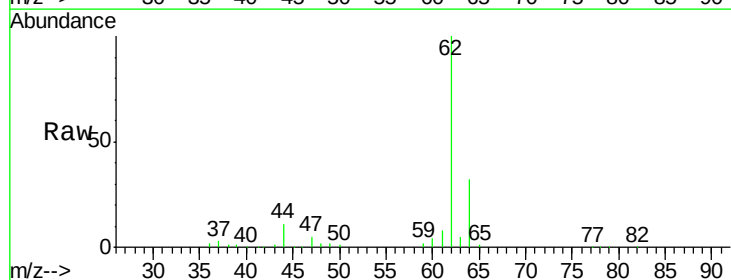
Acq: 30 Mar 2018 20:56

Tgt Ion: 62 Resp: 43914

Ion Ratio Lower Upper

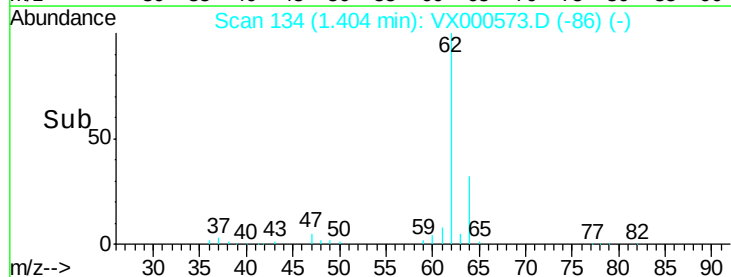
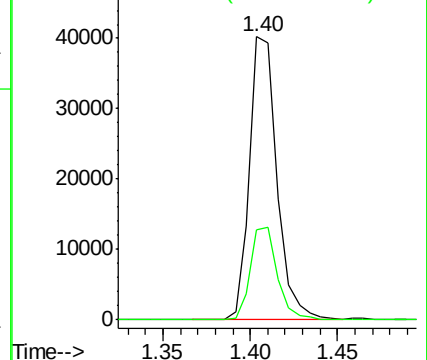
62 100

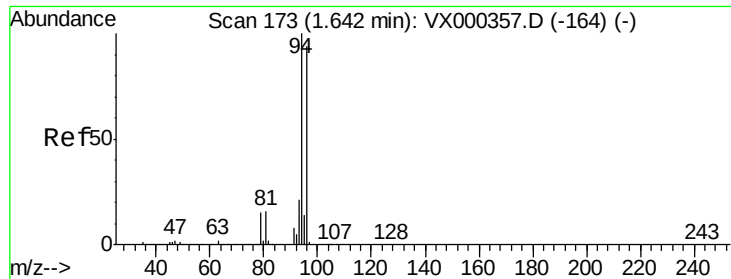
64 31.7 24.8 37.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 15.96 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.00 min

Lab File: VX000573.D

Acq: 30 Mar 2018 20:56

Instrument :

MSVOA_X

ClientSampleId :

VX0330MBSD01

Tot Ion: 94 Resp: 39015

Ion Ratio Lower Upper

94 100

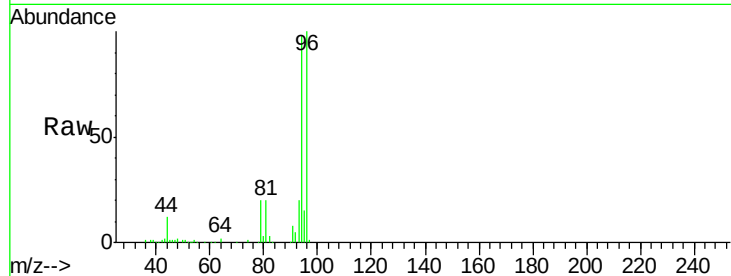
96 101.6 77.7 116.5

Manual Integrations

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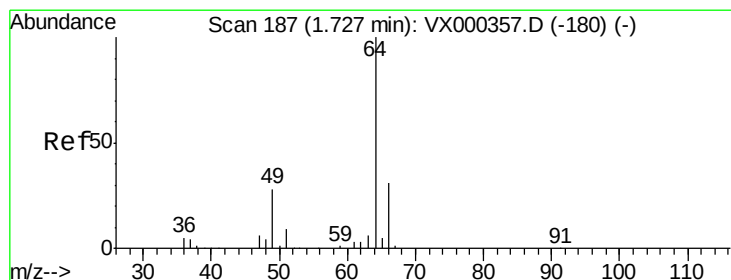
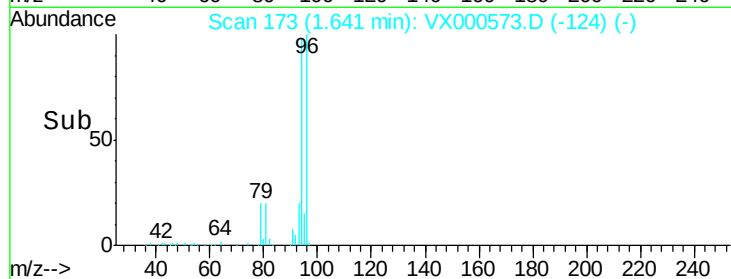
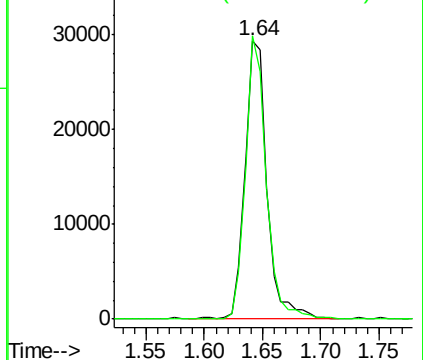
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 27.48 ug/l

RT: 1.73 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX000573.D

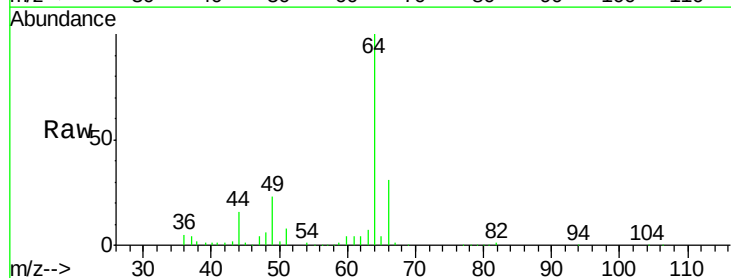
Acq: 30 Mar 2018 20:56

Tgt Ion: 64 Resp: 31814

Ion Ratio Lower Upper

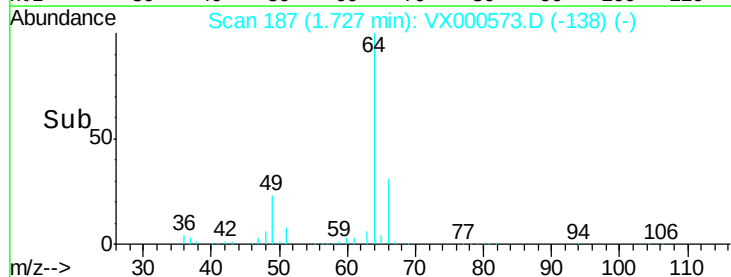
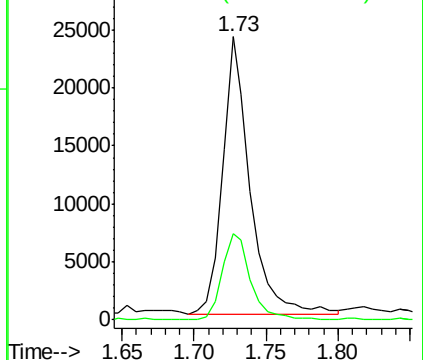
64 100

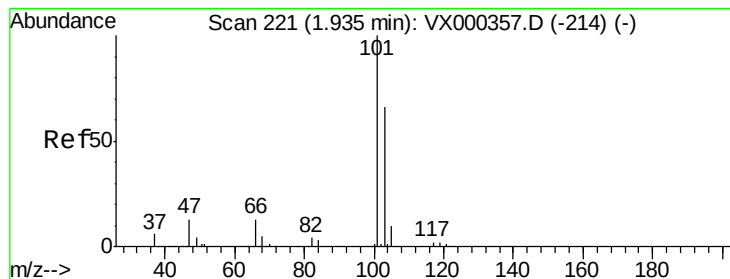
66 31.4 24.8 37.2



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

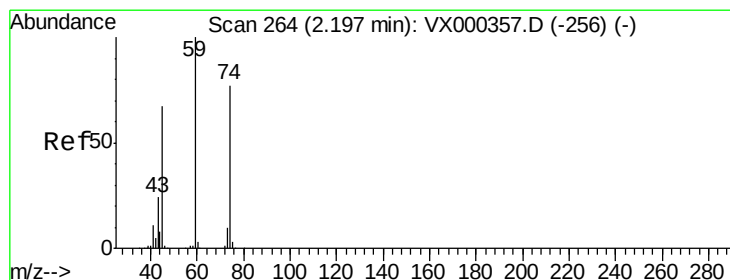
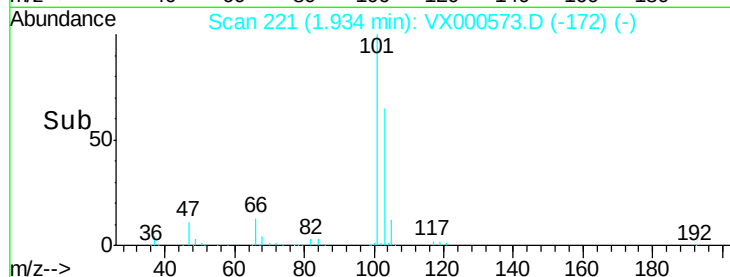
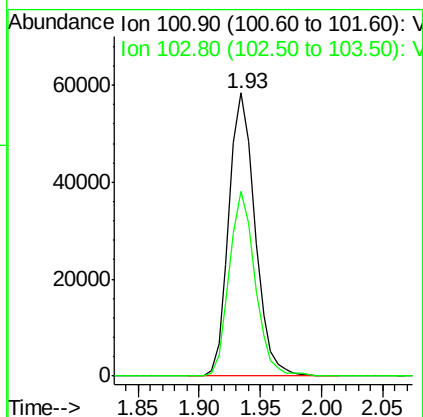
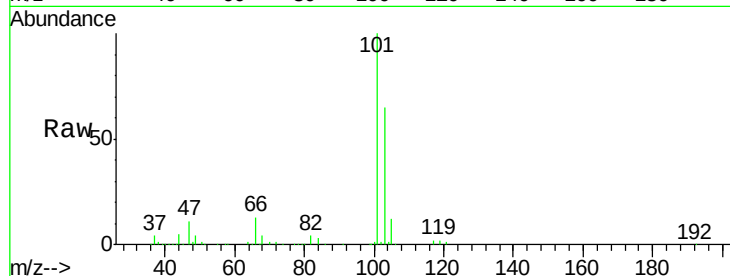
Trichlorofluoromethane
Concen: 23.46 ug/l
RT: 1.93 min Scan# 221
Delta R.T. -0.00 min
Lab File: VX000573.D
Acq: 30 Mar 2018 20:56

Instrument :
MSVOA_X
ClientSampleId :
VX0330MBSD01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
101	101	100	86599		
103	103	65.2		51.6	77.4

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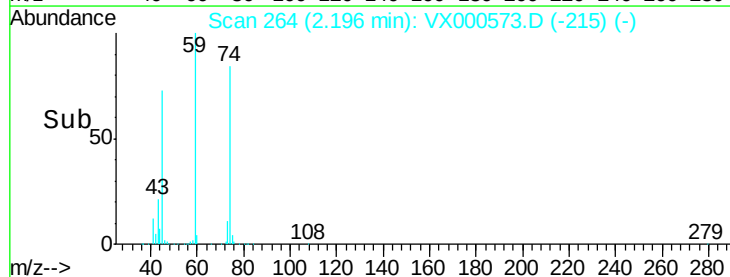
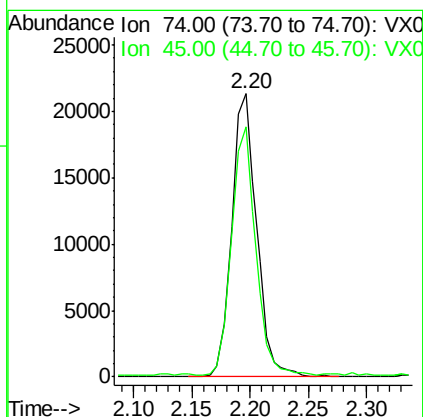
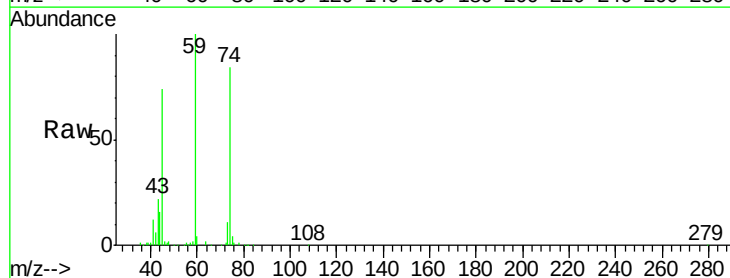
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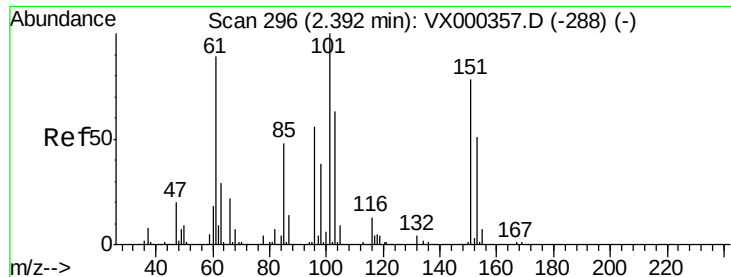


#8

Diethyl Ether
Concen: 24.11 ug/l
RT: 2.20 min Scan# 264
Delta R.T. -0.00 min
Lab File: VX000573.D
Acq: 30 Mar 2018 20:56

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
74	74	100	31810		
45	45	85.8		45.1	135.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 23.61 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.01 min

Lab File: VX000573.D

Acq: 30 Mar 2018 20:56

Instrument :

MSVOA_X

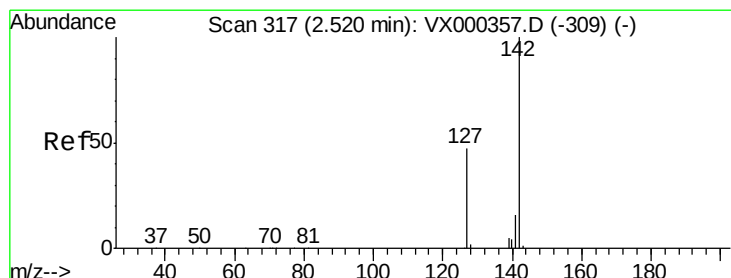
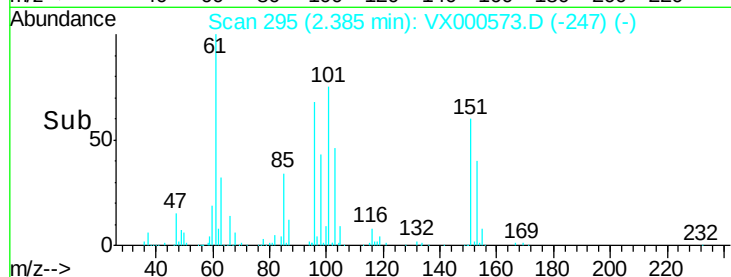
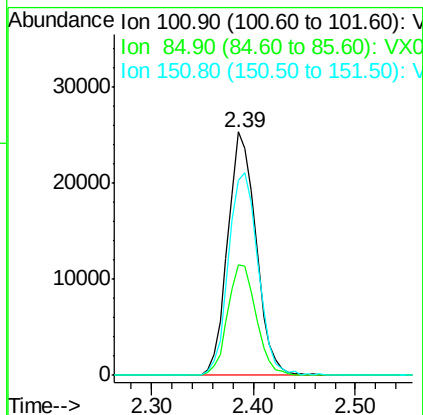
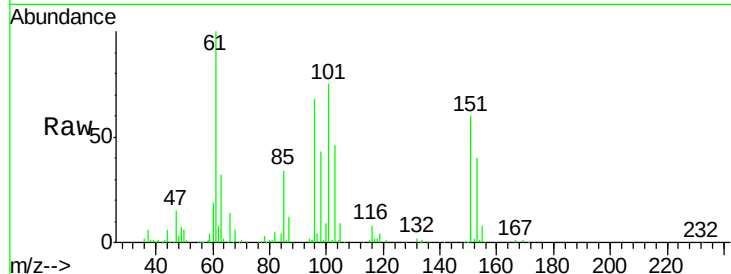
ClientSampleId :

VX0330MBSD01

Tot Ion:	101	Resp:	48599
Ion Ratio	Lower	Upper	
101	100		
85	45.5	37.6	56.4
151	86.9	62.6	93.8

Manual Integrations
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#10

Methyl Iodide

Concen: 35.44 ug/l

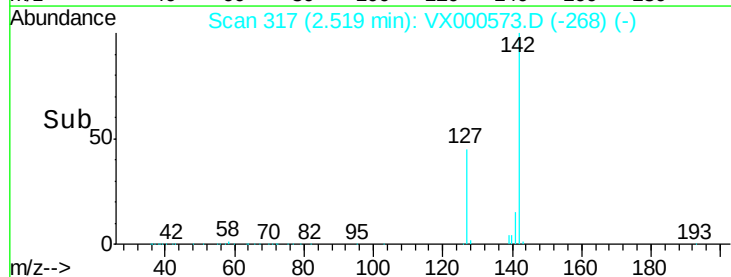
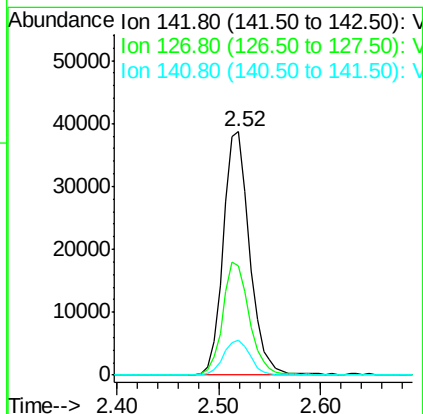
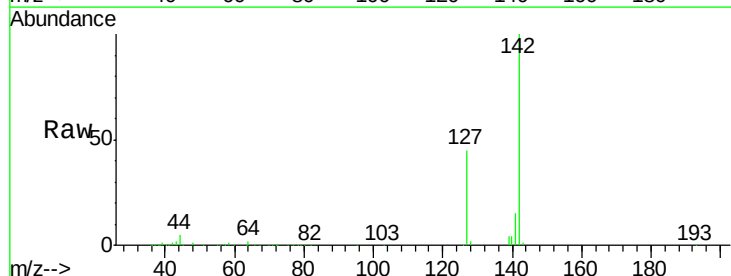
RT: 2.52 min Scan# 317

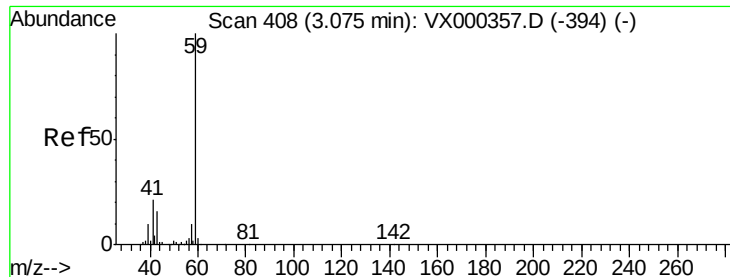
Delta R.T. 0.00 min

Lab File: VX000573.D

Acq: 30 Mar 2018 20:56

Tgt Ion:	142	Resp:	69505
Ion Ratio	Lower	Upper	
142	100		
127	46.7	39.2	58.8
141	14.7	11.7	17.5





#11

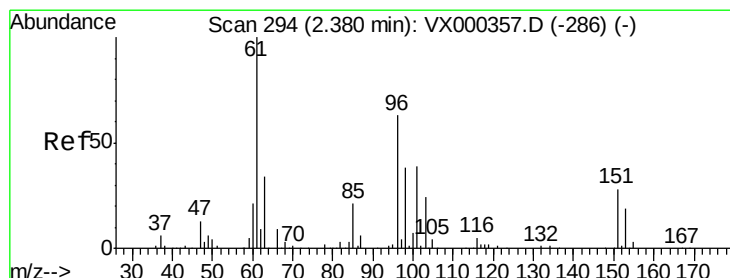
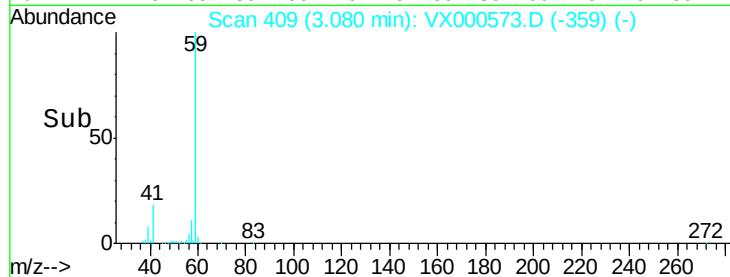
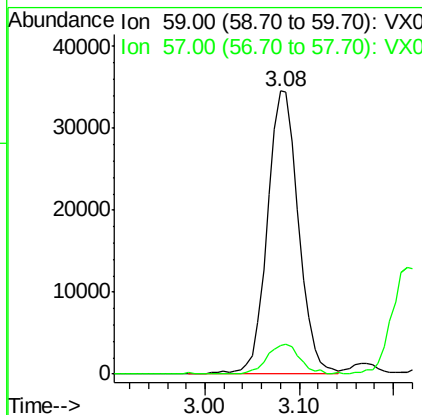
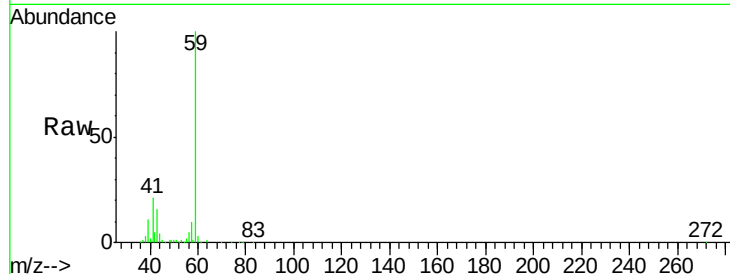
Tert butyl alcohol
 Concen: 106.85 ug/l
 RT: 3.08 min Scan# 409
 Delta R.T. 0.01 min
 Lab File: VX000573.D
 Acq: 30 Mar 2018 20:56

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0330MBSD01

Tot Ion	Ratio	Lower	Upper
59	100		
57	11.3	8.4	12.6

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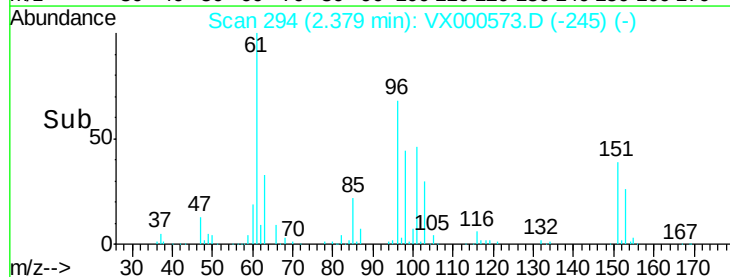
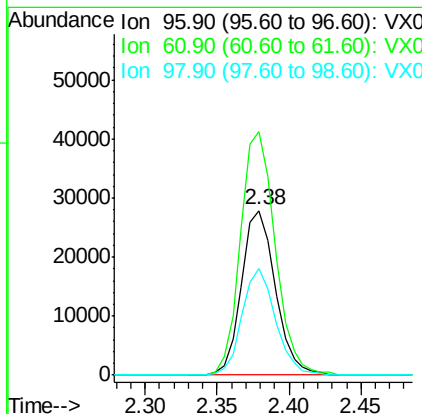
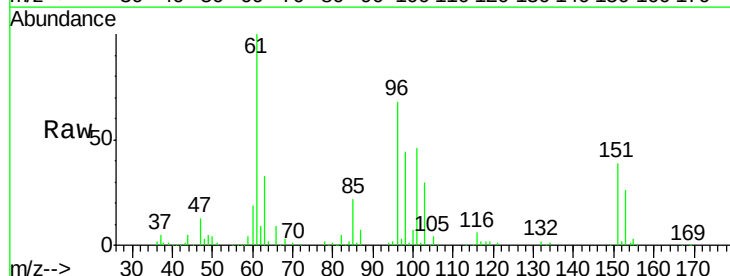
sam
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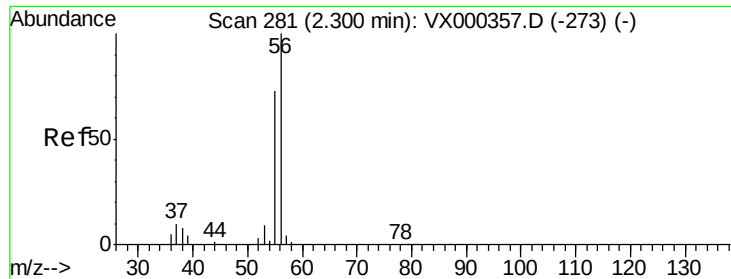


#12

1,1-Dichloroethene
 Concen: 25.27 ug/l
 RT: 2.38 min Scan# 294
 Delta R.T. -0.00 min
 Lab File: VX000573.D
 Acq: 30 Mar 2018 20:56

Tgt Ion	Ratio	Lower	Upper
96	100		
61	147.7	131.2	196.8
98	64.5	49.8	74.8





#13

Acrolein

Concen: 217.68 ug/l

RT: 2.30 min Scan# 281

Delta R.T. -0.00 min

Lab File: VX000573.D

Acq: 30 Mar 2018 20:56

Instrument :

MSVOA_X

ClientSampleId :

VX0330MBSD01

Tot Ion: 56 Resp: 51553

Ion Ratio Lower Upper

56 100

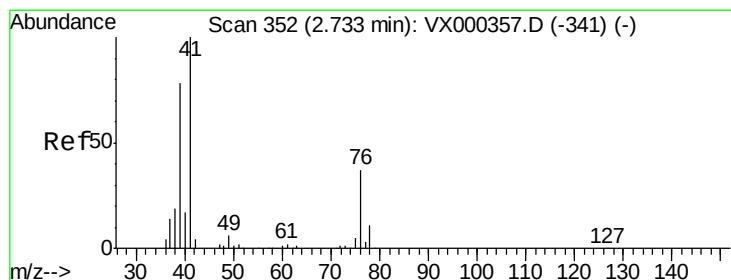
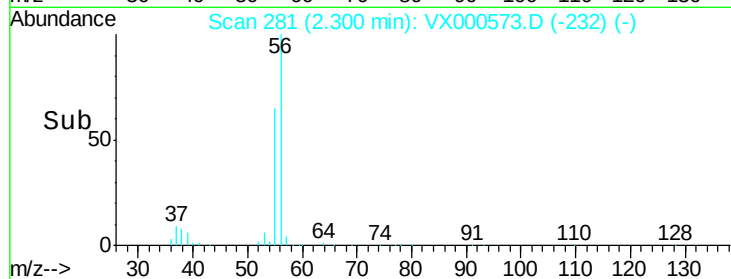
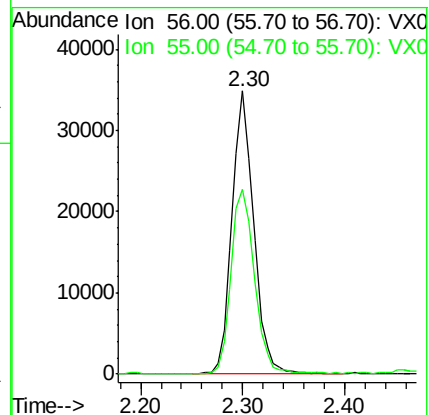
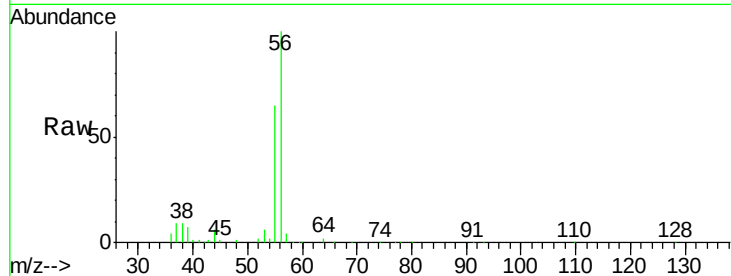
55 70.5 58.8 88.2

Manual Integrations

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#14

Allyl chloride

Concen: 22.62 ug/l

RT: 2.73 min Scan# 352

Delta R.T. -0.00 min

Lab File: VX000573.D

Acq: 30 Mar 2018 20:56

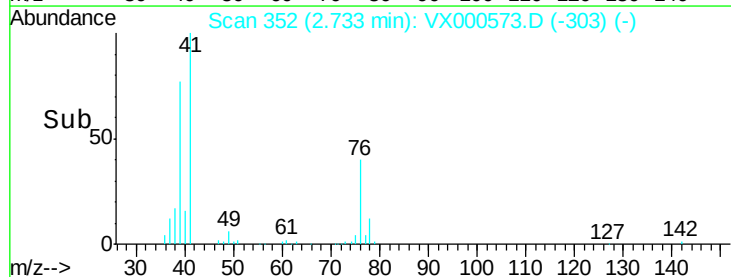
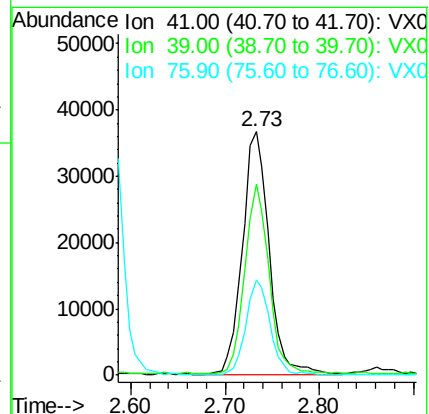
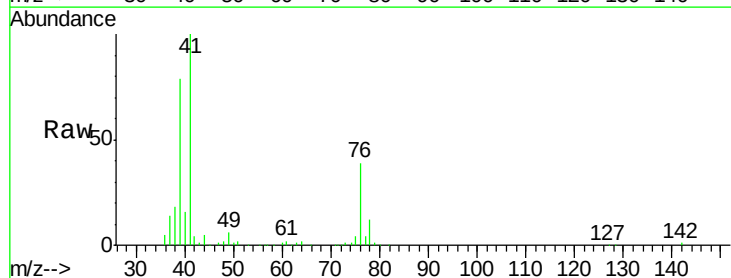
Tgt Ion: 41 Resp: 72390

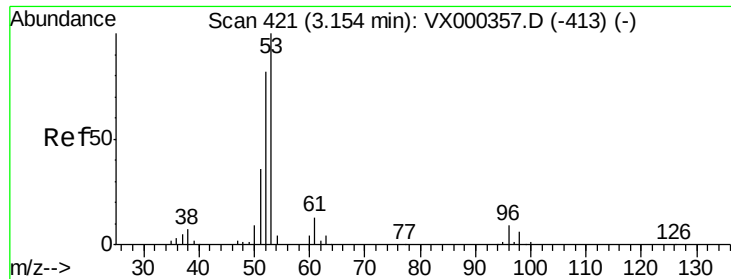
Ion Ratio Lower Upper

41 100

39 70.3 57.6 86.4

76 36.0 27.3 40.9





#15

Acrylonitrile

Concen: 108.02 ug/l

RT: 3.16 min Scan# 422

Delta R.T. 0.01 min

Lab File: VX000573.D

Acq: 30 Mar 2018 20:56

Instrument :

MSVOA_X

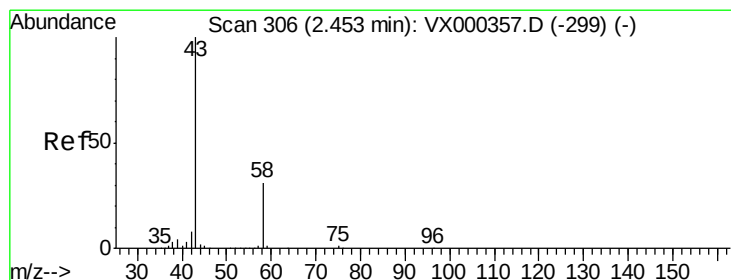
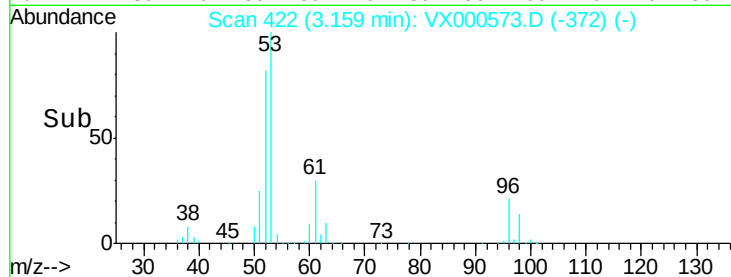
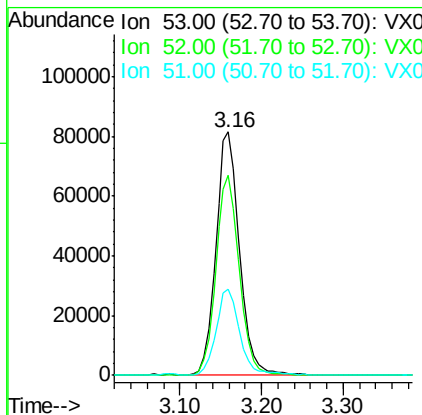
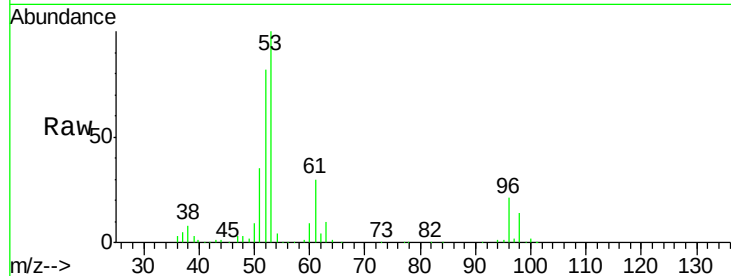
ClientSampleId :

VX0330MBSD01

Tot Ion:	53	Resp:	163776
Ion	Ratio	Lower	Upper
53	100		
52	81.4	66.6	99.8
51	36.1	29.3	43.9

Manual Integrations
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#16

Acetone

Concen: 98.02 ug/l

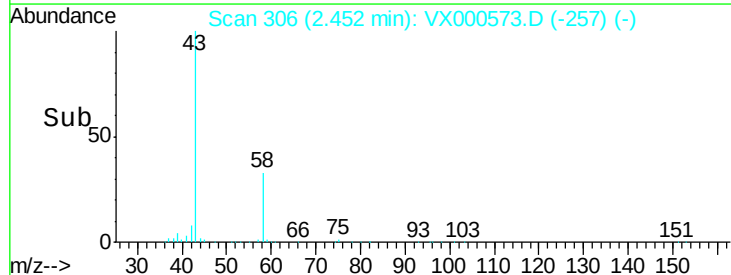
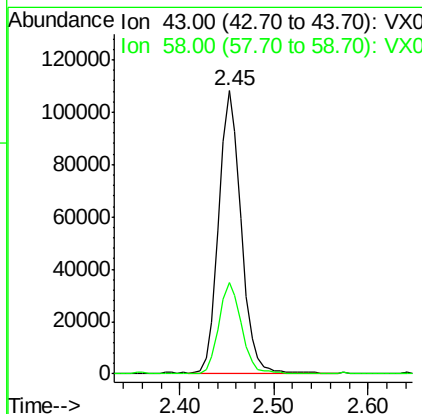
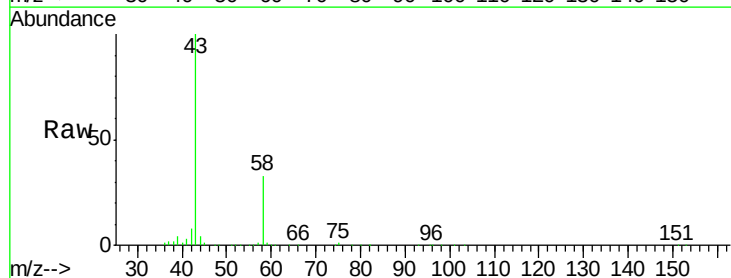
RT: 2.45 min Scan# 306

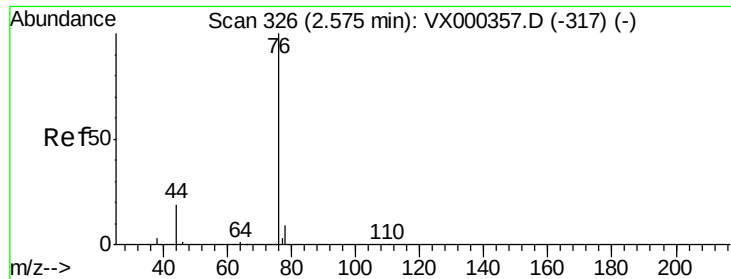
Delta R.T. -0.00 min

Lab File: VX000573.D

Acq: 30 Mar 2018 20:56

Tgt Ion:	43	Resp:	177451
Ion	Ratio	Lower	Upper
43	100		
58	32.4	24.7	37.1





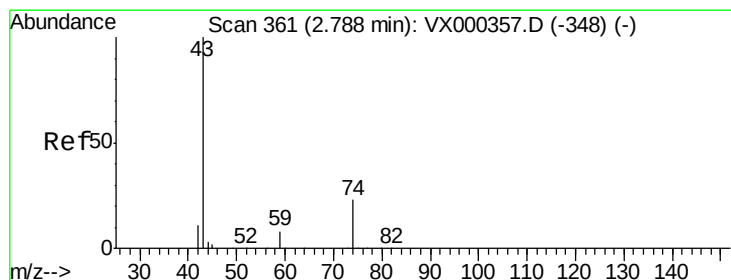
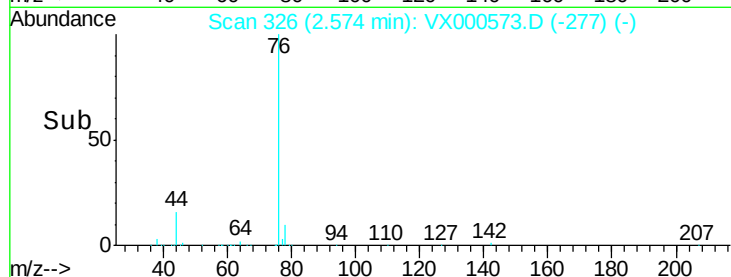
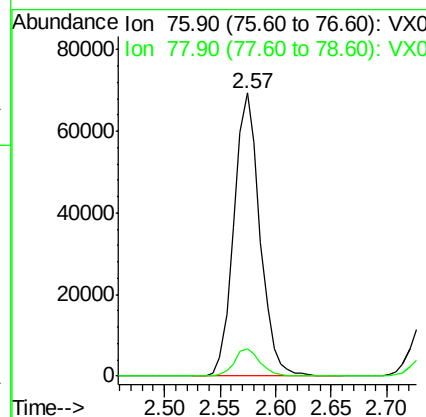
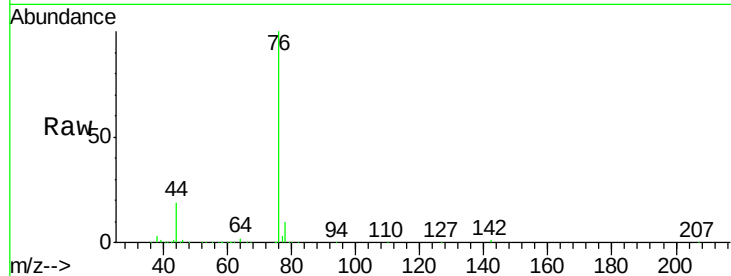
#17
Carbon Disulfide
Concen: 23.40 ug/l
RT: 2.57 min Scan# 326
Delta R.T. 0.00 min
Lab File: VX000573.D
Acq: 30 Mar 2018 20:56

Instrument :
MSVOA_X
ClientSampleId :
VX0330MBSD01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.8	7.0	10.6

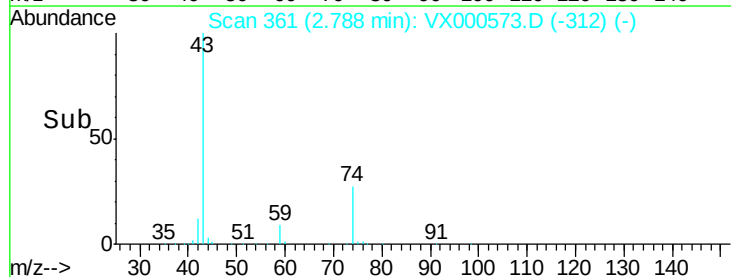
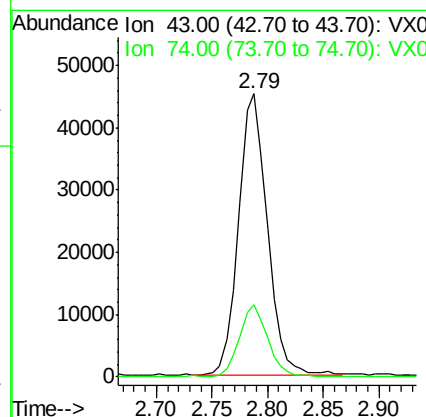
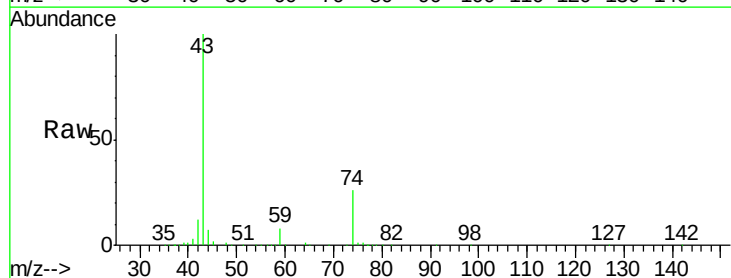
Manual Integrations
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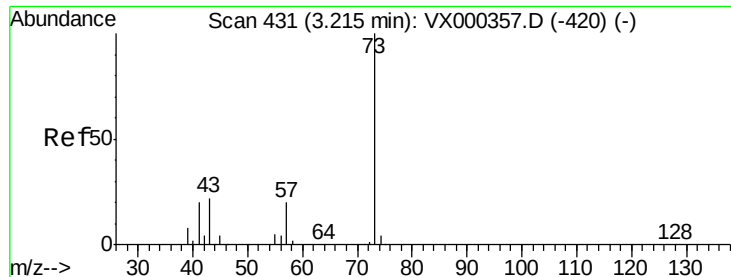
sam
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#18
Methyl Acetate
Concen: 21.32 ug/l
RT: 2.79 min Scan# 361
Delta R.T. -0.00 min
Lab File: VX000573.D
Acq: 30 Mar 2018 20:56

Tgt Ion	Ratio	Lower	Upper
43	100		
74	25.3	19.4	29.2





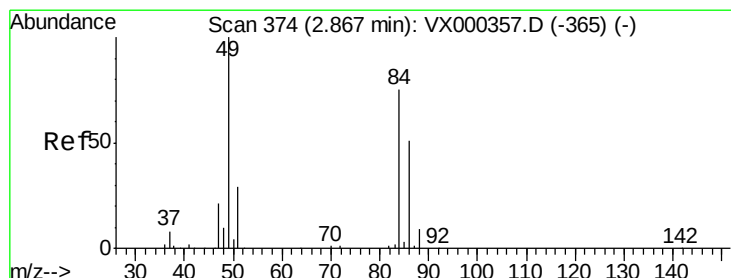
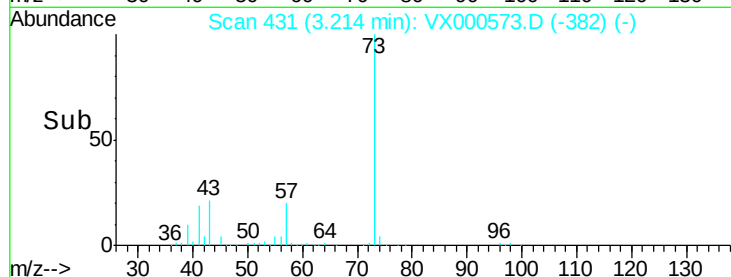
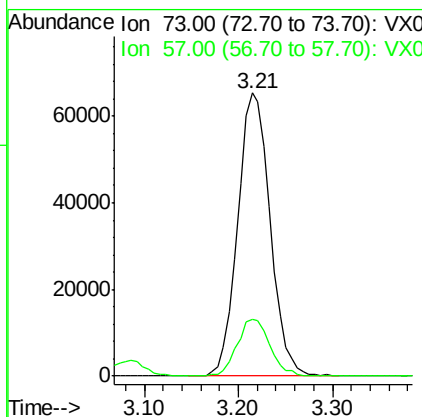
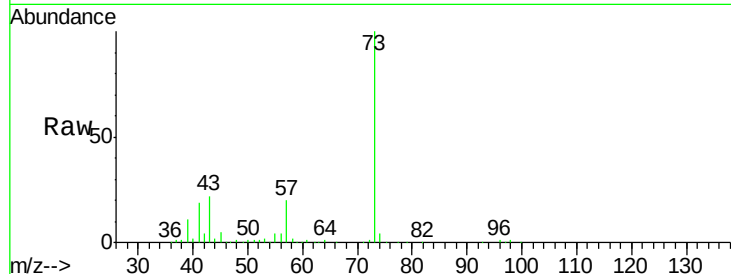
#19
Methyl tert-butyl Ether
Concen: 23.52 ug/l
RT: 3.21 min Scan# 431
Delta R.T. -0.00 min
Lab File: VX000573.D
Acq: 30 Mar 2018 20:56

Instrument :
MSVOA_X
ClientSampleId :
VX0330MBSD01

Tot Ion: 73 Resp: 157208
Ion Ratio Lower Upper
73 100
57 19.8 17.2 25.8

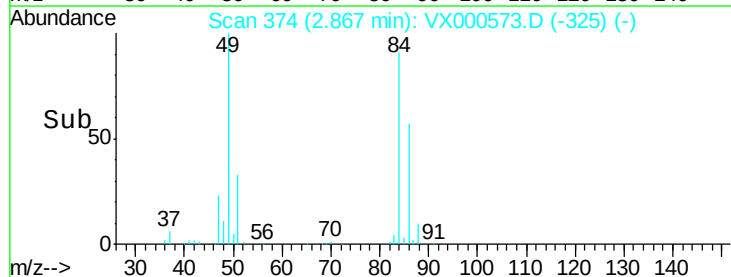
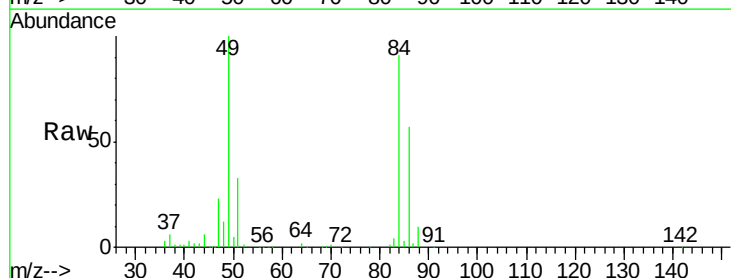
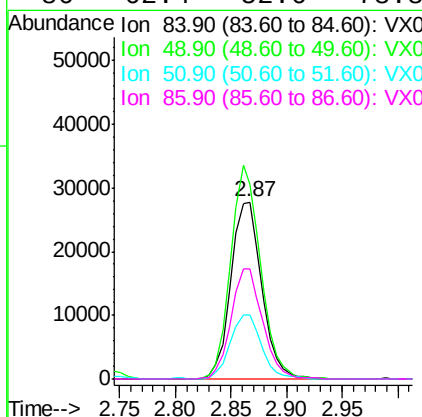
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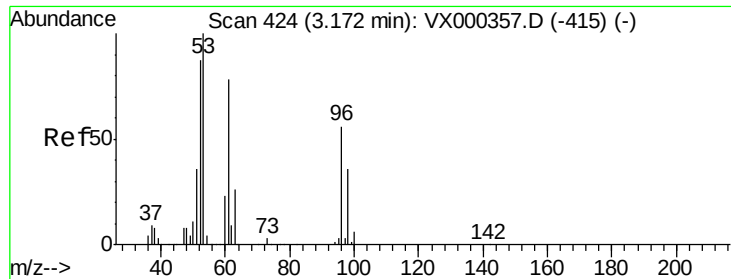
sam
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#20
Methylene Chloride
Concen: 25.60 ug/l
RT: 2.87 min Scan# 374
Delta R.T. -0.00 min
Lab File: VX000573.D
Acq: 30 Mar 2018 20:56

Tgt Ion: 84 Resp: 53532
Ion Ratio Lower Upper
84 100
49 109.9 100.6 151.0
51 35.9 31.6 47.4
86 62.4 52.6 78.8





#21

trans-1,2-Dichloroethene

Concen: 24.73 ug/l

RT: 3.17 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX000573.D

Acq: 30 Mar 2018 20:56

Instrument :

MSVOA_X

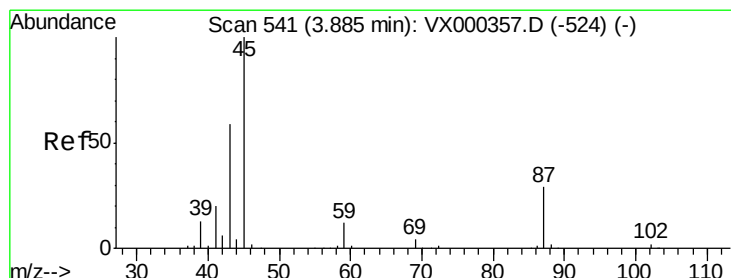
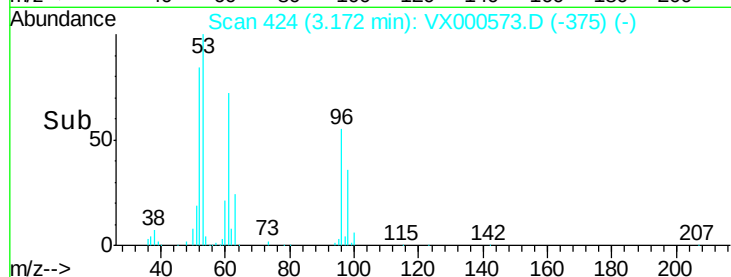
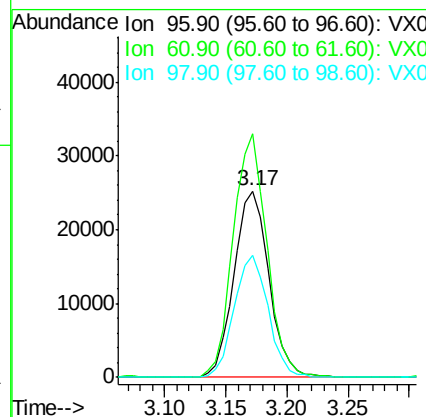
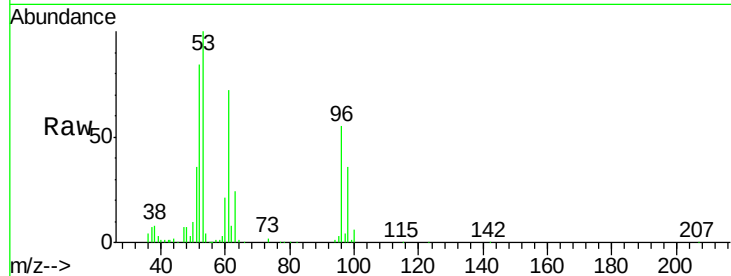
ClientSampleId :

VX0330MBSD01

Tot Ion:	96	Resp:	49854
Ion	Ratio	Lower	Upper
96	100		
61	130.8	104.0	156.0
98	65.3	52.1	78.1

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#22

Diisopropyl ether

Concen: 17.09 ug/l

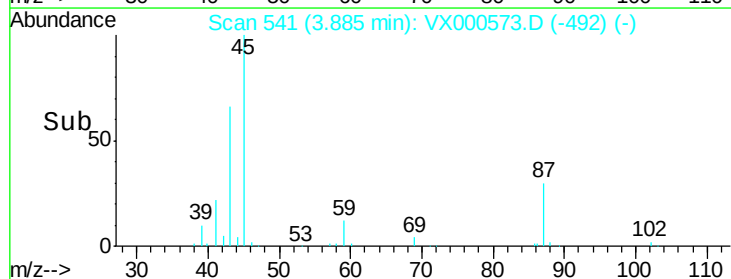
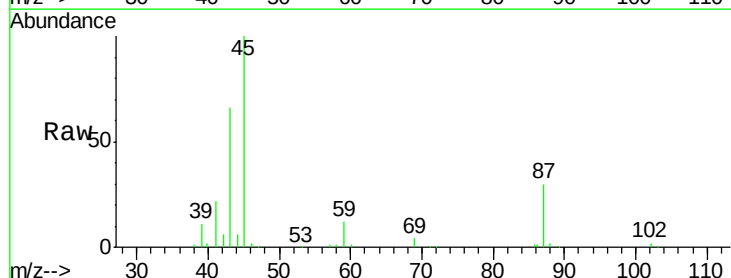
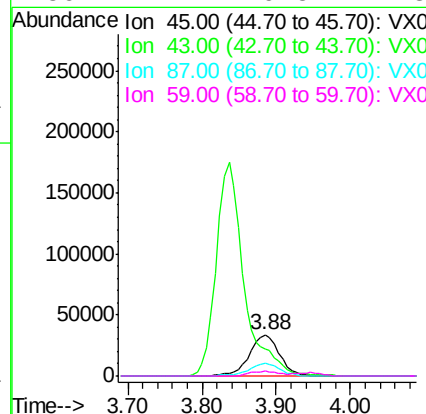
RT: 3.88 min Scan# 541

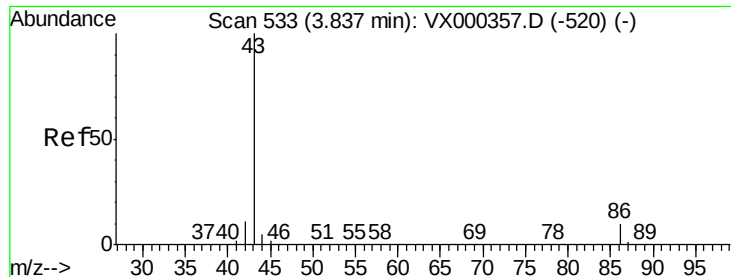
Delta R.T. -0.00 min

Lab File: VX000573.D

Acq: 30 Mar 2018 20:56

Tgt Ion:	45	Resp:	96521
Ion	Ratio	Lower	Upper
45	100		
43	65.0	53.9	80.9
87	29.8	22.6	34.0
59	11.7	9.5	14.3





#23

Vinyl Acetate

Concen: 85.19 ug/l

RT: 3.84 min Scan# 533

Delta R.T. -0.00 min

Lab File: VX000573.D

Acq: 30 Mar 2018 20:56

Instrument :

MSVOA_X

ClientSampleId :

VX0330MBSD01

Tot Ion: 43 Resp: 456220

Ion Ratio Lower Upper

43 100

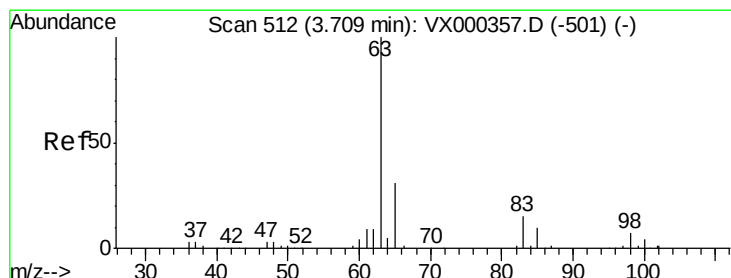
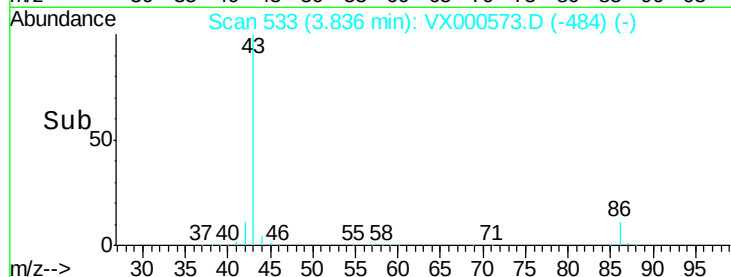
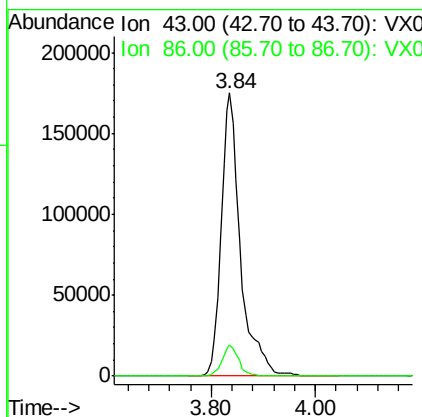
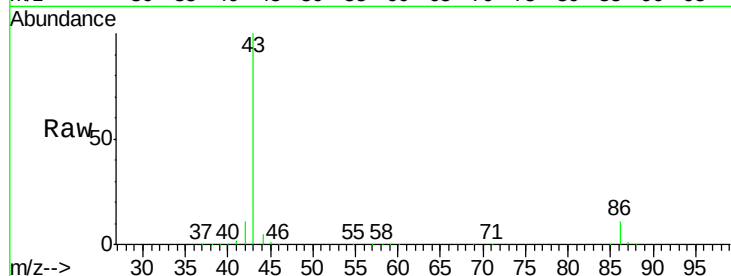
86 10.9 8.6 12.8

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 14.50 ug/l

RT: 3.70 min Scan# 511

Delta R.T. -0.01 min

Lab File: VX000573.D

Acq: 30 Mar 2018 20:56

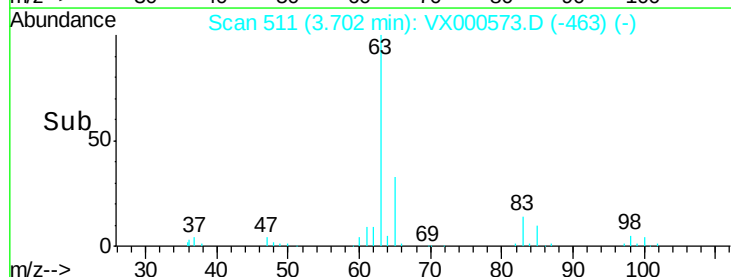
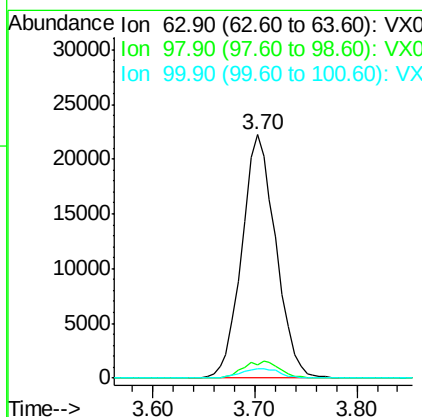
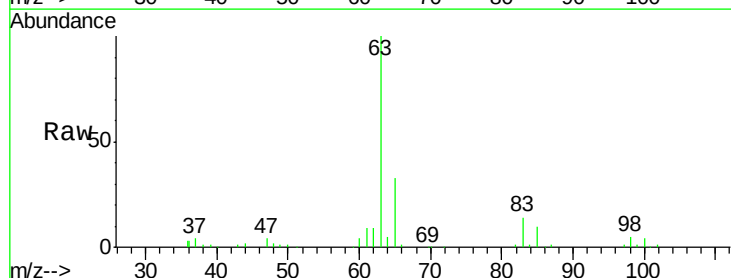
Tgt Ion: 63 Resp: 51505

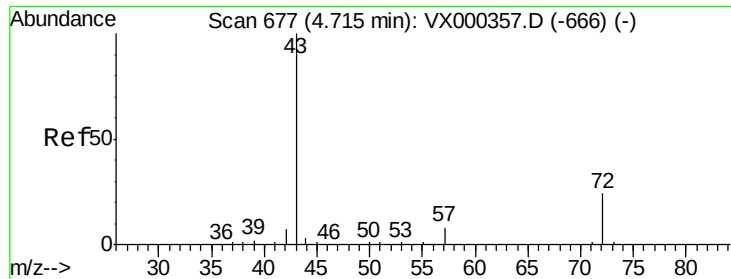
Ion Ratio Lower Upper

63 100

98 5.4 3.3 9.9

100 4.1 2.0 5.8





#25

2-Butanone

Concen: 88.45 ug/l

RT: 4.72 min Scan# 678

Delta R.T. 0.01 min

Lab File: VX000573.D

Acq: 30 Mar 2018 20:56

Instrument :

MSVOA_X

ClientSampled :

VX0330MBSD01

Tot Ion: 43 Resp: 179994

Ion Ratio Lower Upper

43 100

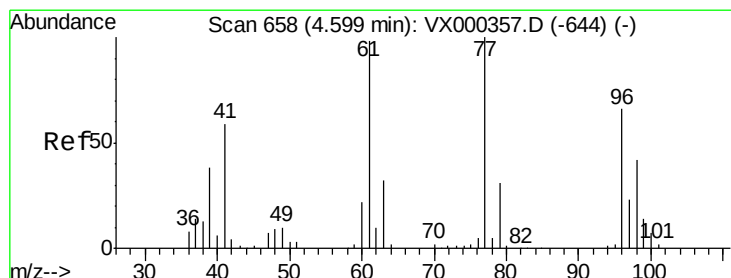
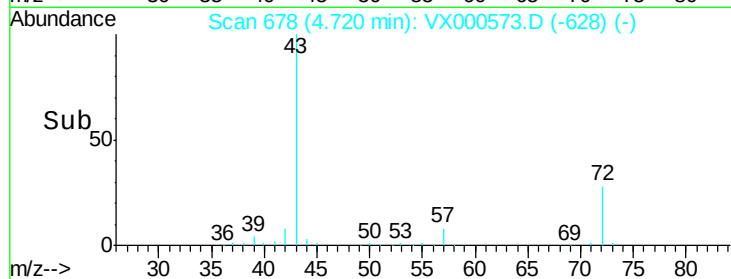
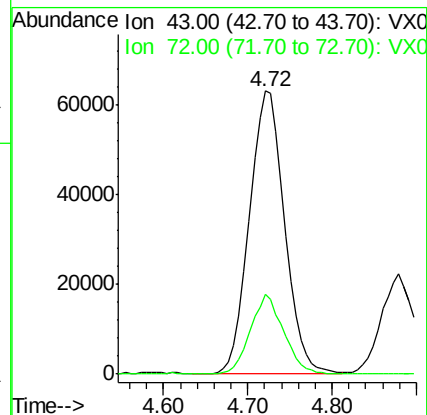
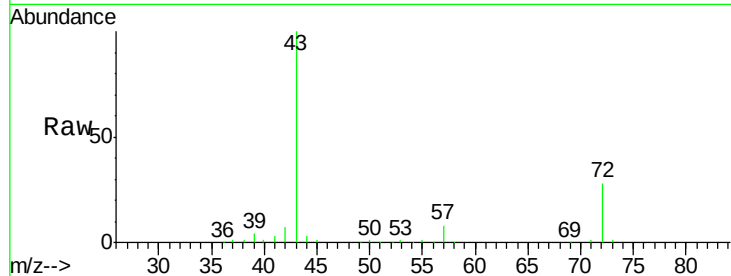
72 28.3 21.0 31.6

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 18.83 ug/l

RT: 4.60 min Scan# 658

Delta R.T. -0.00 min

Lab File: VX000573.D

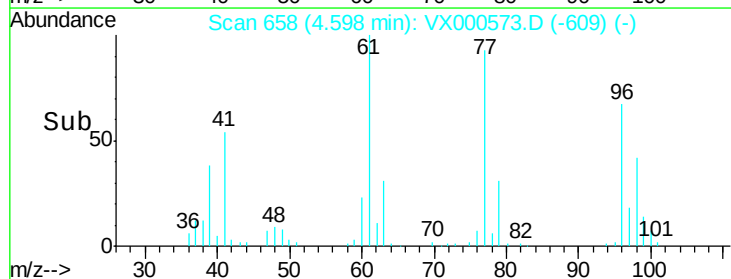
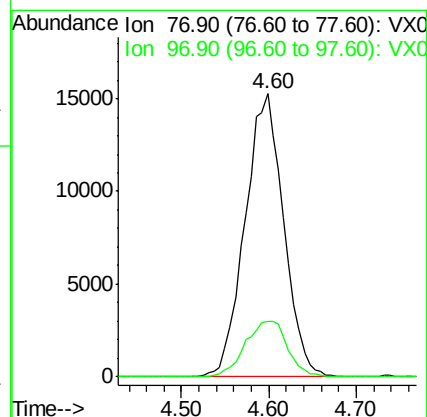
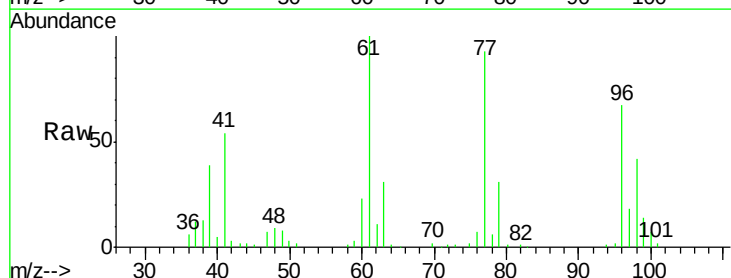
Acq: 30 Mar 2018 20:56

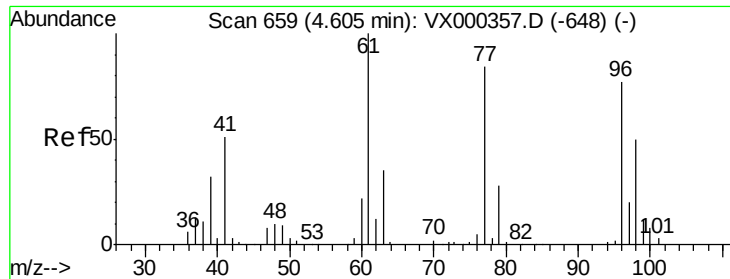
Tgt Ion: 77 Resp: 46878

Ion Ratio Lower Upper

77 100

97 21.6 11.3 33.8





#27

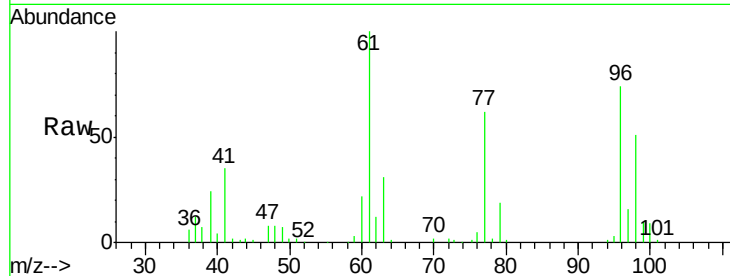
cis-1,2-Dichloroethene
Concen: 19.49 ug/l
RT: 4.61 min Scan# 660
Delta R.T. 0.01 min
Lab File: VX000573.D
Acq: 30 Mar 2018 20:56

Instrument :
MSVOA_X
ClientSampleId :
VX0330MBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	146.2	0.0	291.6
98	65.4	0.0	132.0

Manual Integrations
APPROVED

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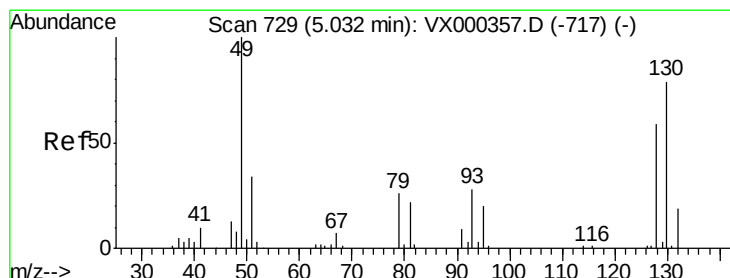
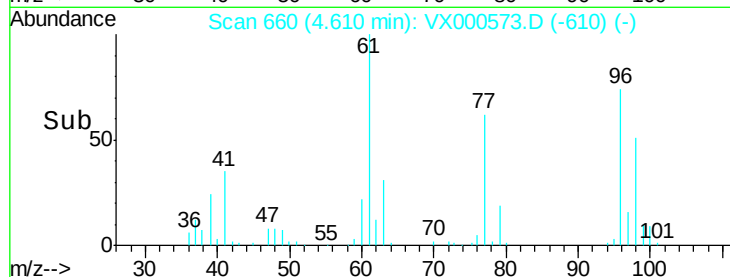
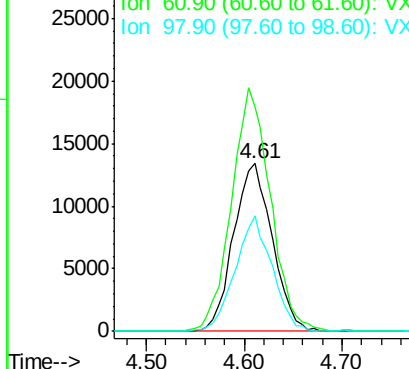


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

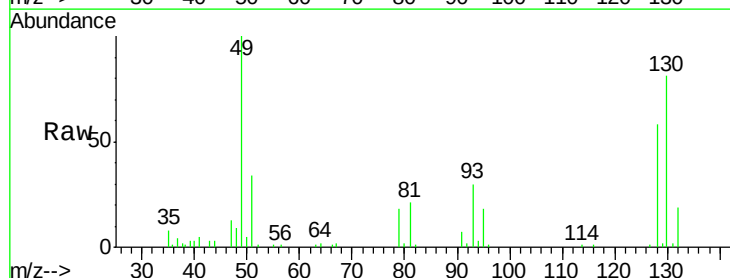
Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane
Concen: 19.27 ug/l
RT: 5.03 min Scan# 728
Delta R.T. -0.01 min
Lab File: VX000573.D
Acq: 30 Mar 2018 20:56

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.6	0.0	5.0
130	77.4	64.0	96.0

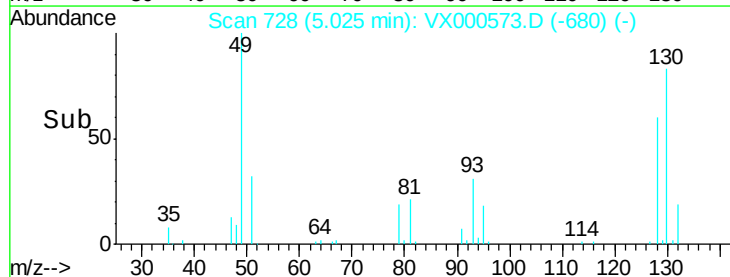
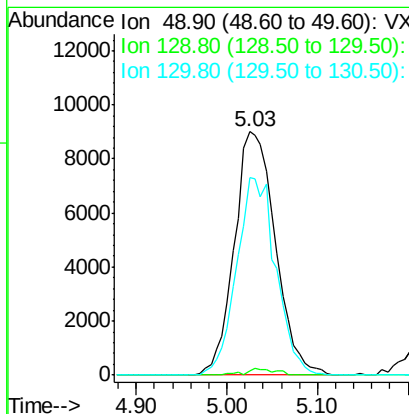


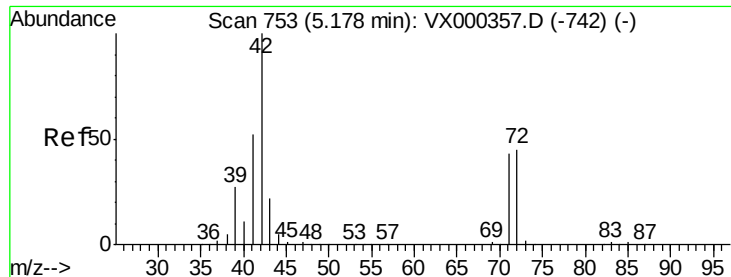
Abundance

Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





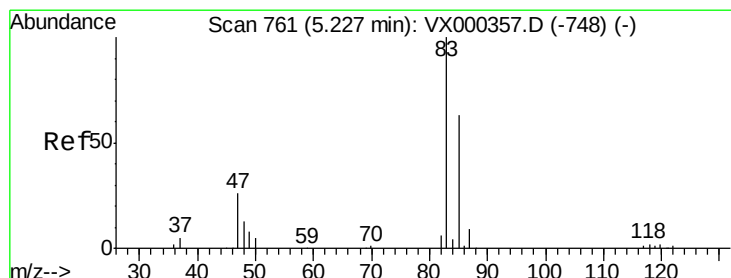
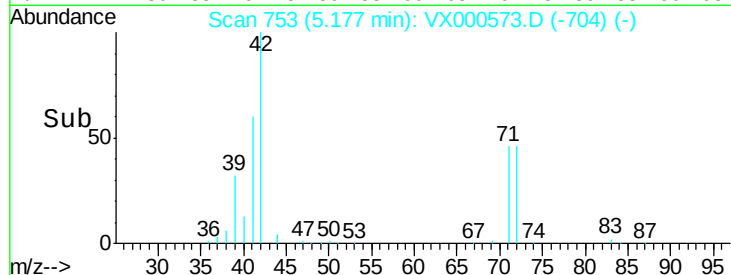
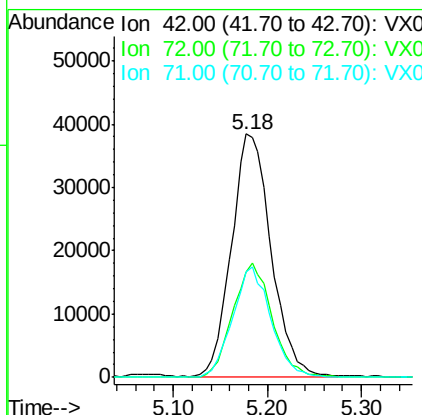
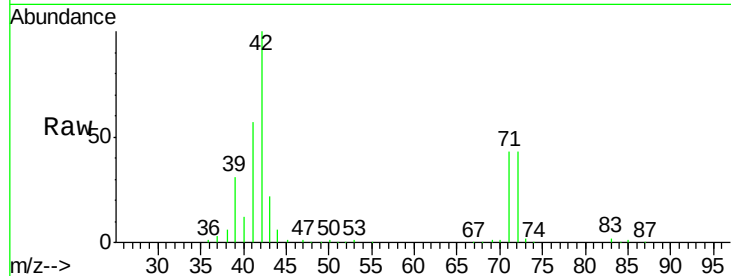
#29
Tetrahydrofuran
Concen: 89.66 ug/l
RT: 5.18 min Scan# 753
Delta R.T. -0.00 min
Lab File: VX000573.D
Acq: 30 Mar 2018 20:56

Instrument :
MSVOA_X
ClientSampled :
VX0330MBSD01

Tot Ion	Ratio	Lower	Upper
42	100		
72	47.1	37.9	56.9
71	44.2	34.4	51.6

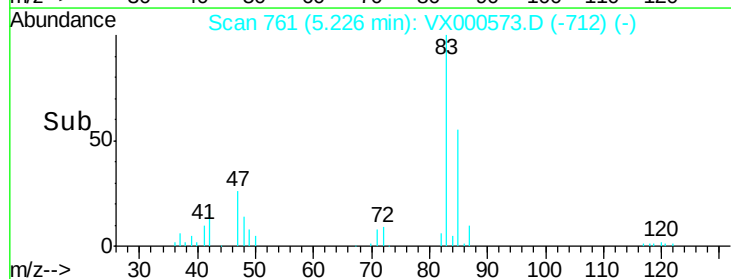
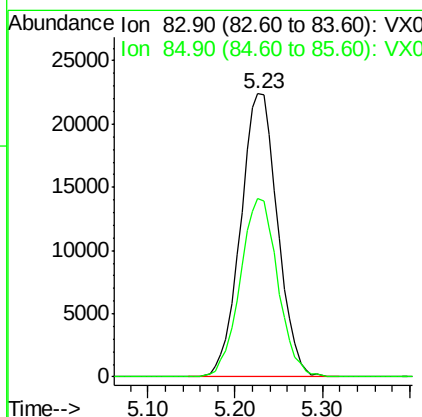
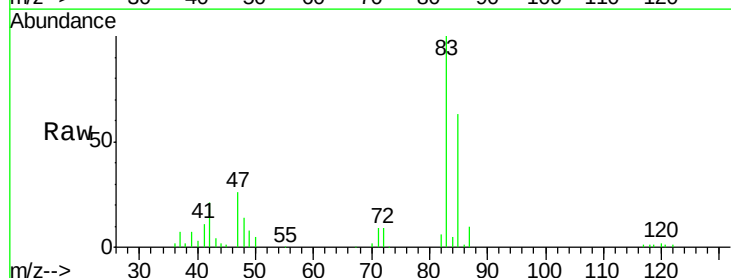
Manual Integrations
APPROVED

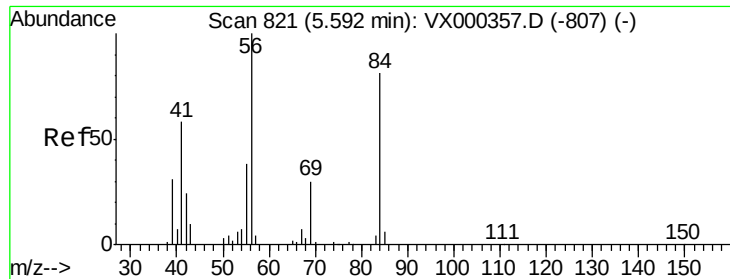
sam
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#30
Chloroform
Concen: 19.76 ug/l
RT: 5.23 min Scan# 761
Delta R.T. -0.00 min
Lab File: VX000573.D
Acq: 30 Mar 2018 20:56

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.2	53.3	79.9





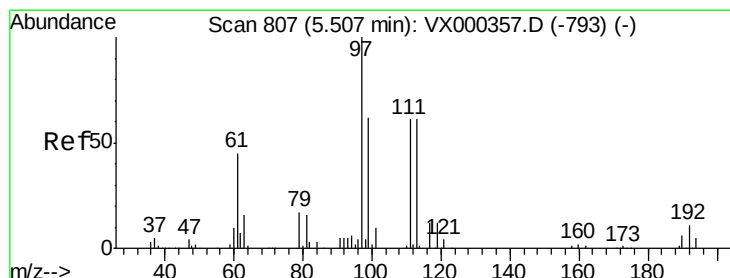
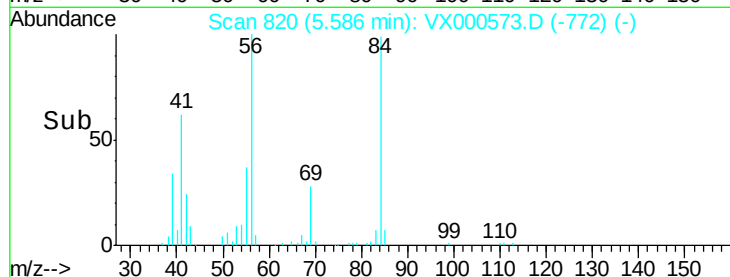
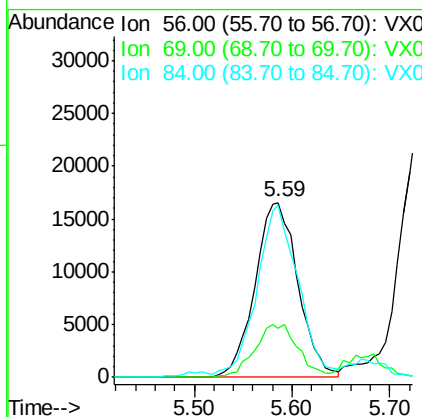
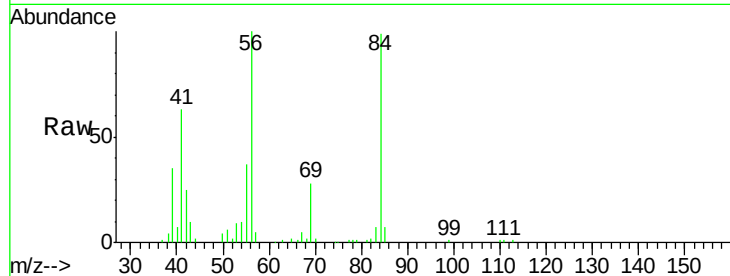
#31
Cyclohexane
Concen: 18.40 ug/l
RT: 5.59 min Scan# 820
Delta R.T. -0.01 min
Lab File: VX000573.D
Acq: 30 Mar 2018 20:56

Instrument :
MSVOA_X
ClientSampleId :
VX0330MBSD01

Tot Ion	Ratio	Lower	Upper
56	100		
69	28.3	23.4	35.0
84	95.6	71.0	106.4

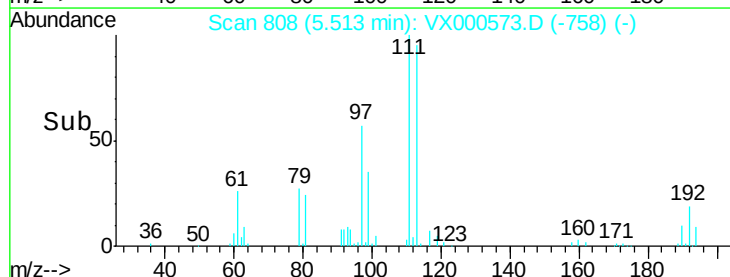
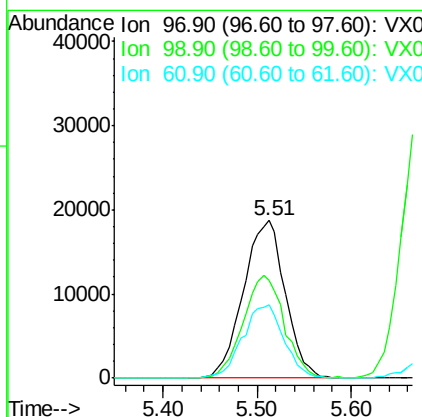
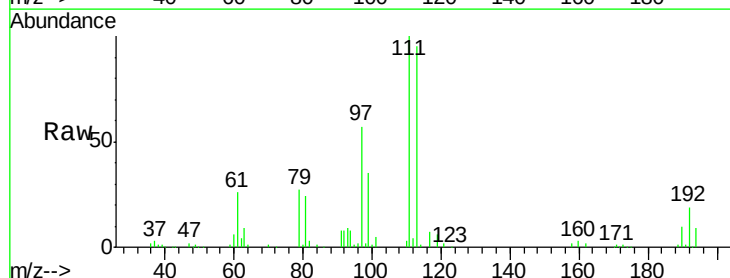
Manual Integrations
APPROVED

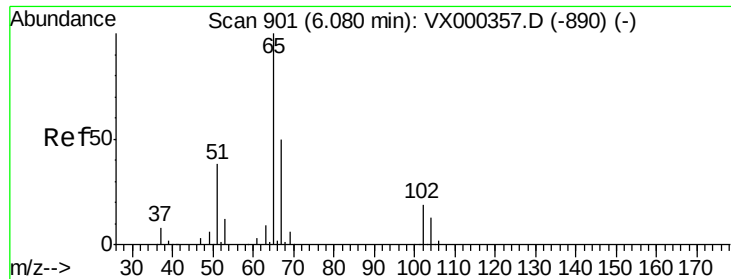
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#32
1,1,1-Trichloroethane
Concen: 19.38 ug/l
RT: 5.51 min Scan# 808
Delta R.T. 0.01 min
Lab File: VX000573.D
Acq: 30 Mar 2018 20:56

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.7	52.1	78.1
61	45.9	36.2	54.4





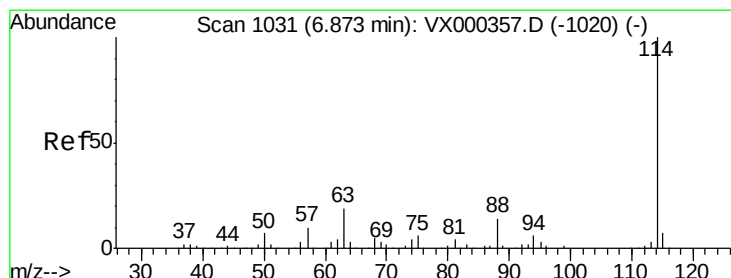
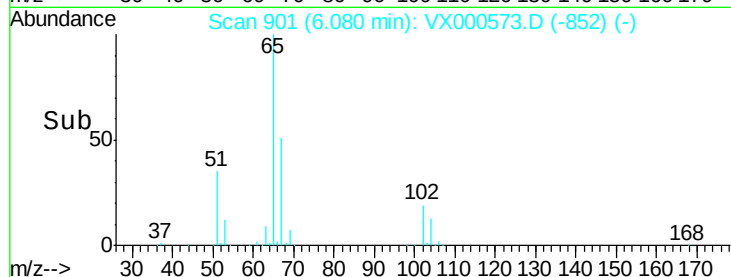
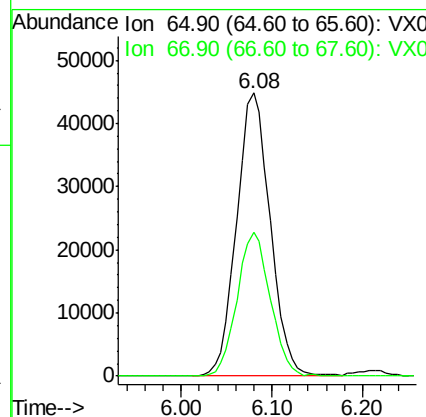
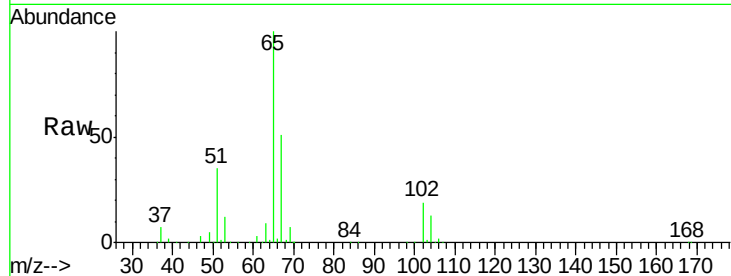
#33
 1,2-Dichloroethane-d4
 Concen: 53.00 ug/l
 RT: 6.08 min Scan# 901
 Delta R.T. -0.00 min
 Lab File: VX000573.D
 Acq: 30 Mar 2018 20:56

Instrument :
 MSVOA_X
 ClientSampled :
 VX0330MBSD01

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	50.2		0.0	103.2

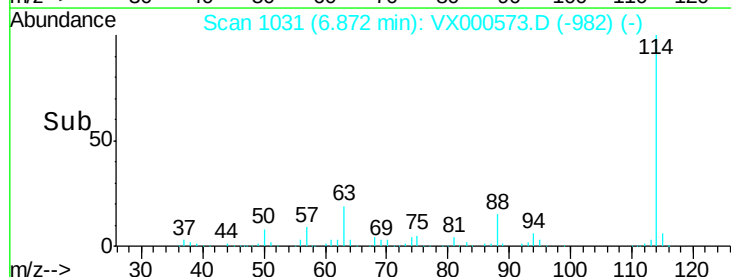
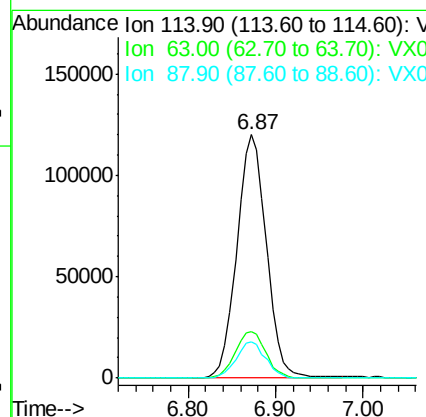
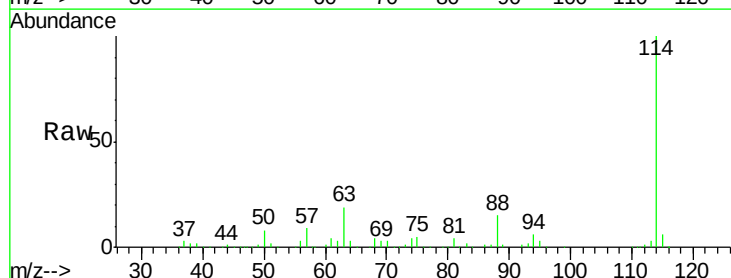
Manual Integrations
 APPROVED

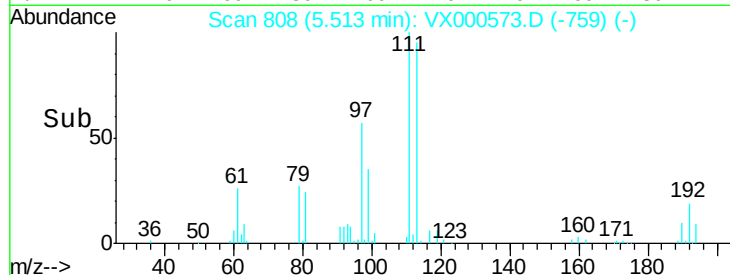
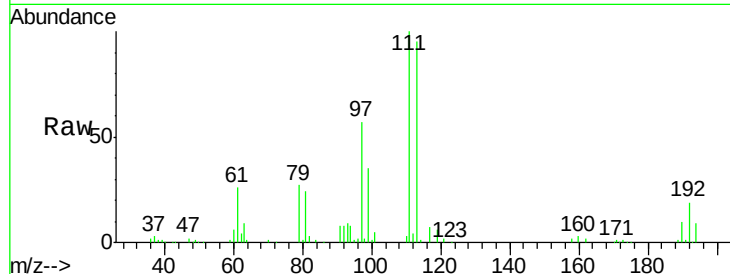
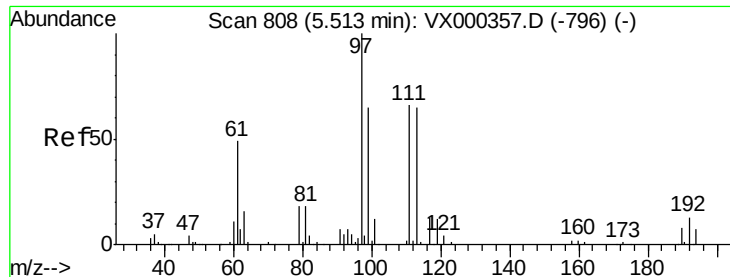
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. -0.00 min
 Lab File: VX000573.D
 Acq: 30 Mar 2018 20:56

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	19.2		0.0	38.4
88	15.0		0.0	27.0





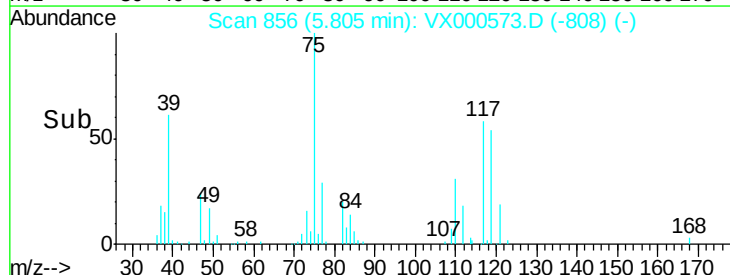
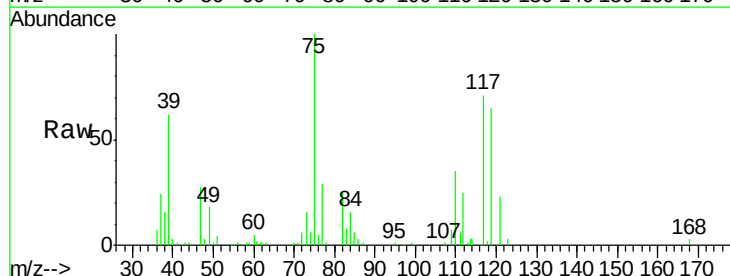
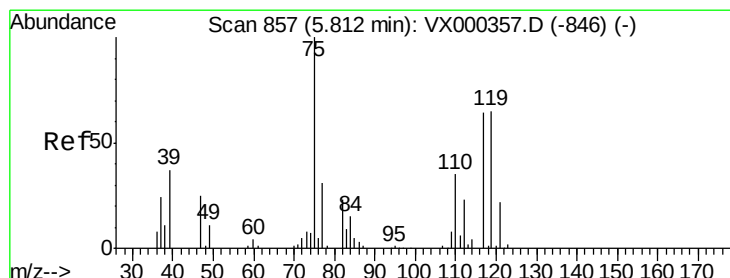
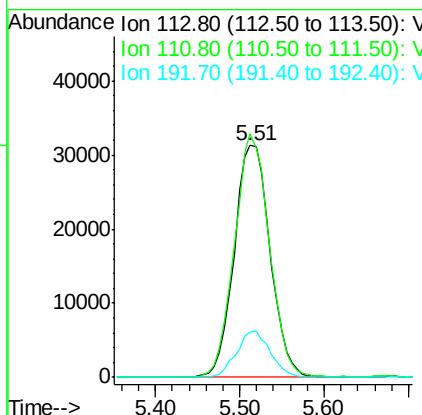
#35
Dibromofluoromethane
Concen: 50.62 ug/l
RT: 5.51 min Scan# 808
Delta R.T. -0.00 min
Lab File: VX000573.D
Acq: 30 Mar 2018 20:56

Tot Ion	Ratio	Resp	Lower	Upper
113	100	90056		
111	101.9	82.4	123.6	
192	18.9	15.8	23.6	

Instrument :
MSVOA_X
ClientSampleId :
VX0330MBSD01

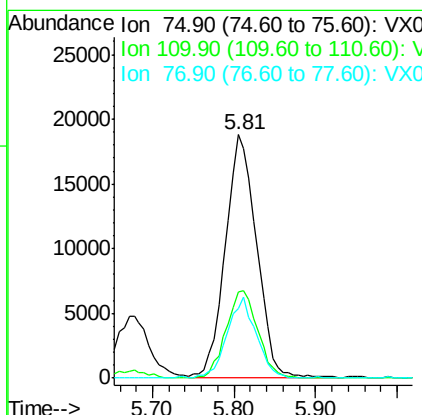
Manual Integrations
APPROVED

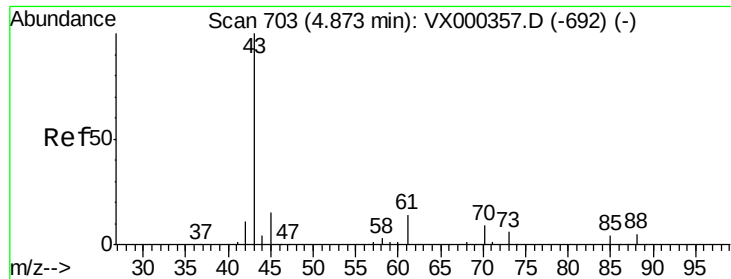
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#36
1,1-Dichloropropene
Concen: 18.88 ug/l
RT: 5.81 min Scan# 856
Delta R.T. -0.01 min
Lab File: VX000573.D
Acq: 30 Mar 2018 20:56

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	49945		
110	36.4	17.9	53.7	
77	30.8	24.0	36.0	





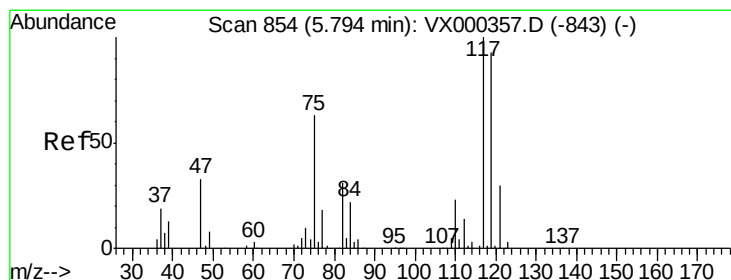
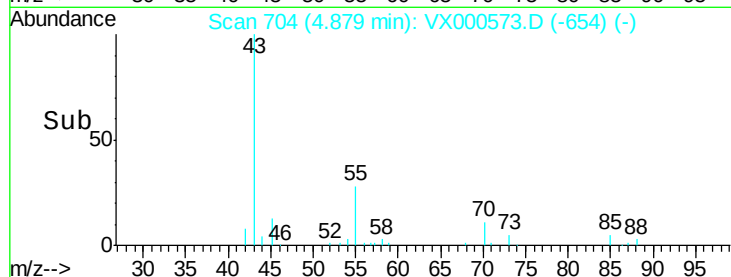
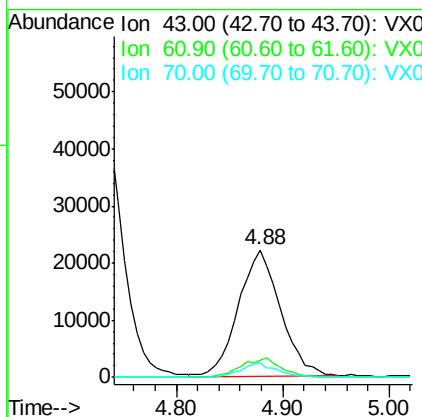
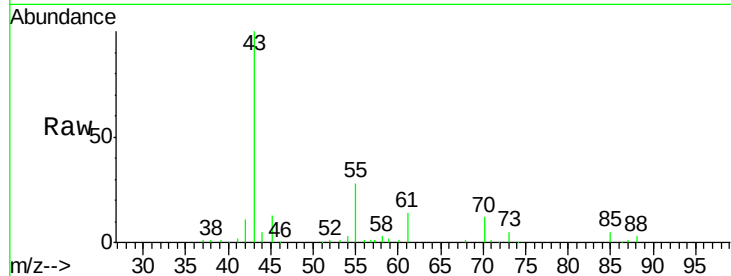
#37
Ethyl Acetate
Concen: 16.97 ug/l
RT: 4.88 min Scan# 704
Delta R.T. 0.01 min
Lab File: VX000573.D
Acq: 30 Mar 2018 20:56

Instrument :
MSVOA_X
ClientSampleId :
VX0330MBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.7	11.1	16.7
70	10.3	7.7	11.5

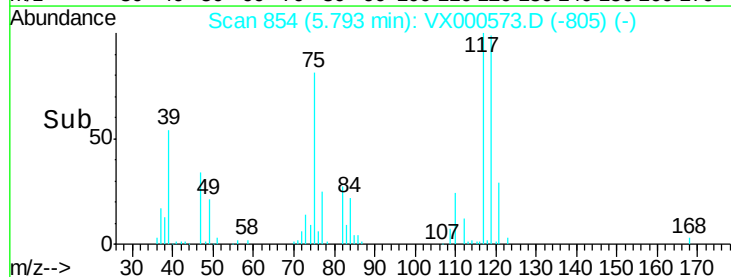
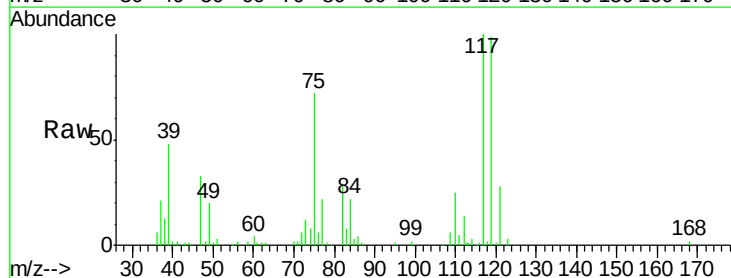
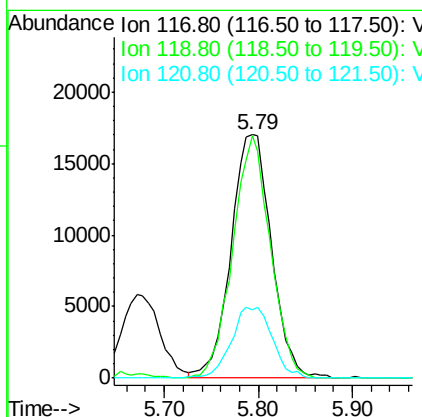
Manual Integrations
APPROVED

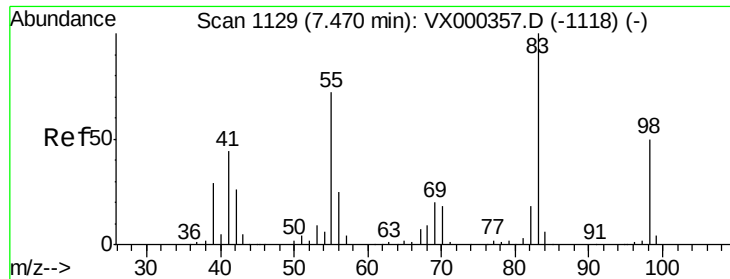
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#38
Carbon Tetrachloride
Concen: 18.37 ug/l
RT: 5.79 min Scan# 854
Delta R.T. -0.00 min
Lab File: VX000573.D
Acq: 30 Mar 2018 20:56

Tgt Ion	Ratio	Lower	Upper
117	100		
119	99.3	77.4	116.2
121	28.2	24.8	37.2





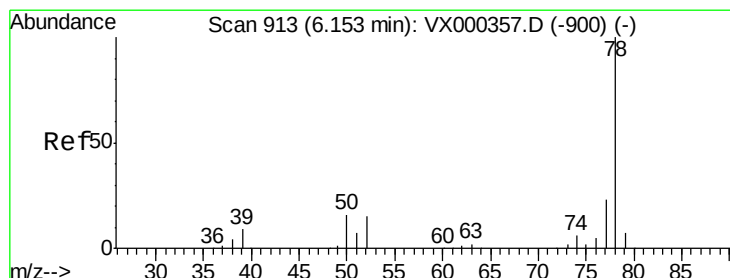
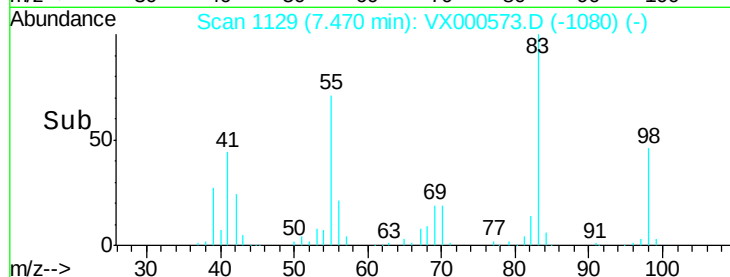
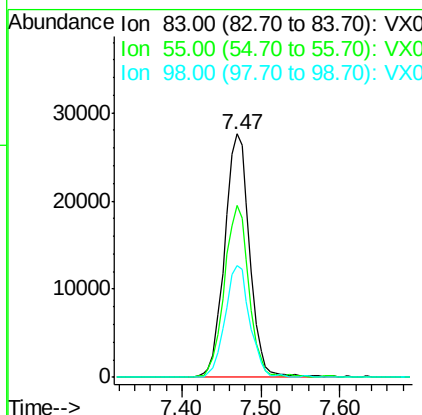
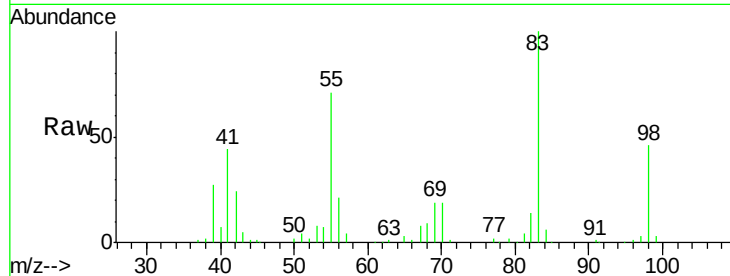
#39
Methylvlcyclohexane
Concen: 18.90 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. -0.00 min
Lab File: VX000573.D
Acq: 30 Mar 2018 20:56

Instrument :
MSVOA_X
ClientSampleId :
VX0330MBSD01

Tot Ion	83	Resp	60783
Ion	Ratio	Lower	Upper
83	100		
55	70.7	55.5	83.3
98	45.7	38.2	57.4

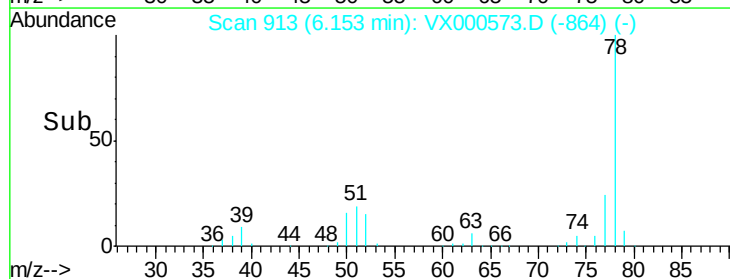
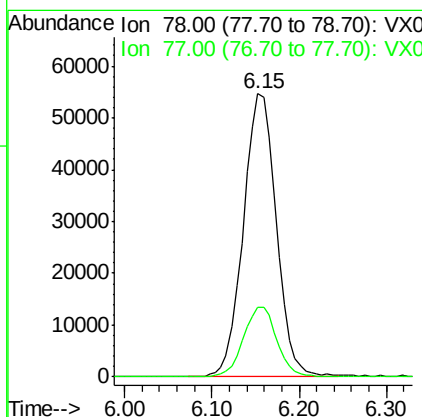
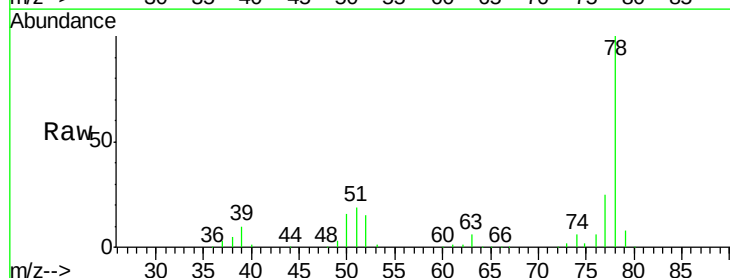
Manual Integrations
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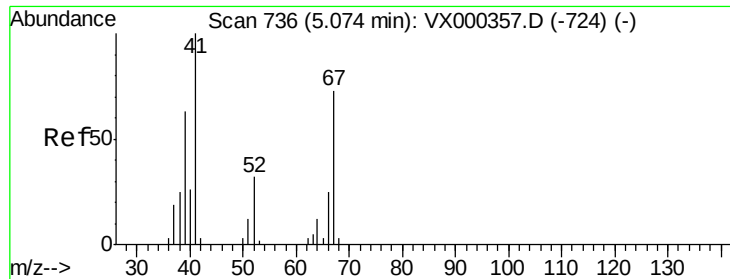
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#40
Benzene
Concen: 18.68 ug/l
RT: 6.15 min Scan# 913
Delta R.T. -0.00 min
Lab File: VX000573.D
Acq: 30 Mar 2018 20:56

Tgt Ion	78	Resp	143438
Ion	Ratio	Lower	Upper
78	100		
77	24.6	18.7	28.1





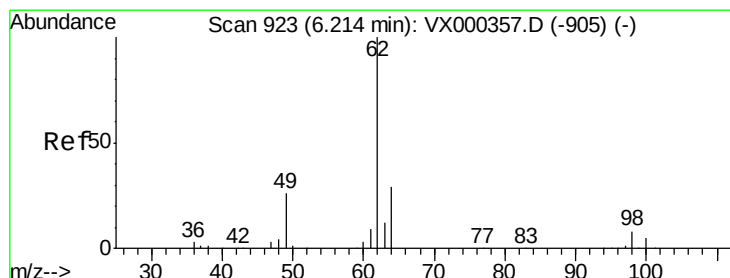
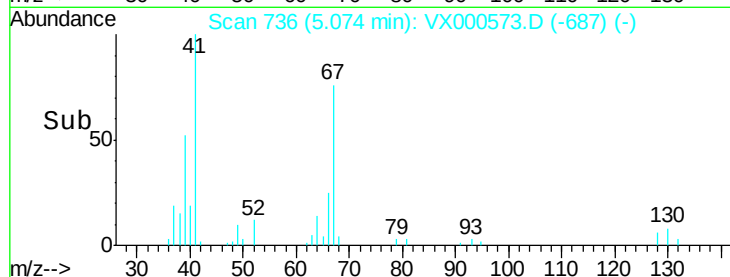
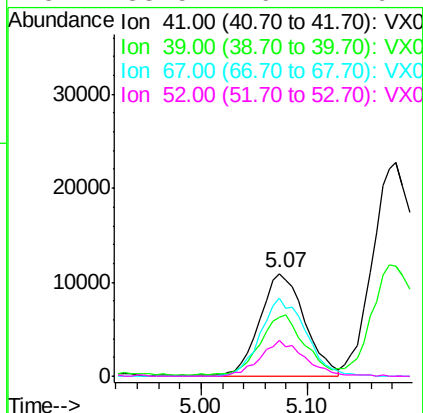
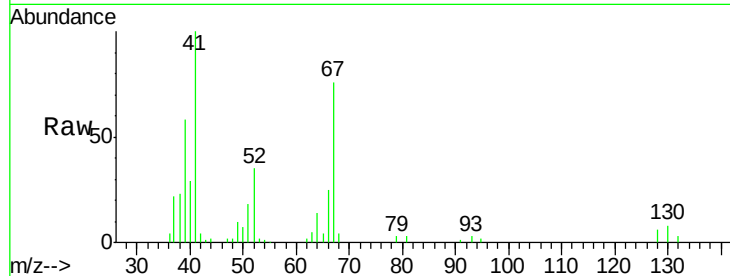
#41
Methacrylonitrile
Concen: 17.01 ug/l
RT: 5.07 min Scan# 736
Delta R.T. -0.00 min
Lab File: VX000573.D
Acq: 30 Mar 2018 20:56

Instrument :
MSVOA_X
ClientSampled :
VX0330MBSD01

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	56.3	45.7	68.5	
67	75.9	57.8	86.8	
52	33.5	26.7	40.1	

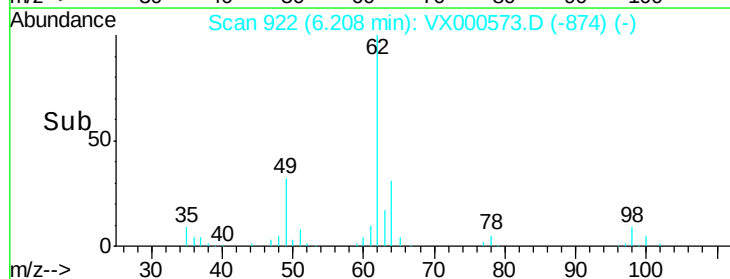
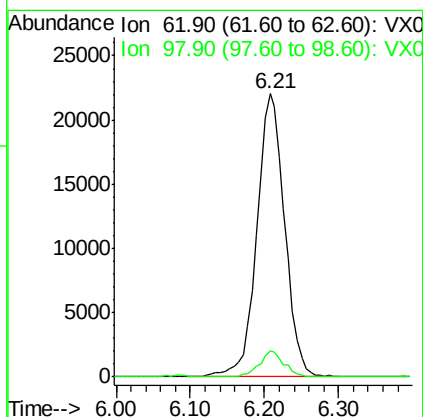
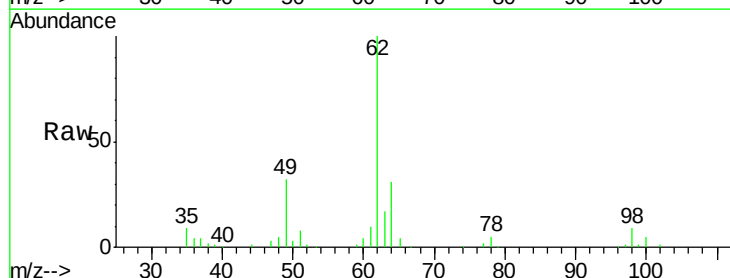
Manual Integrations
APPROVED

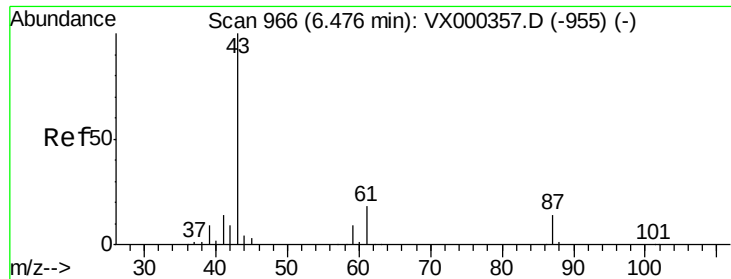
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#42
1,2-Dichloroethane
Concen: 19.10 ug/l
RT: 6.21 min Scan# 922
Delta R.T. -0.01 min
Lab File: VX000573.D
Acq: 30 Mar 2018 20:56

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.1	0.0	15.8	





#43

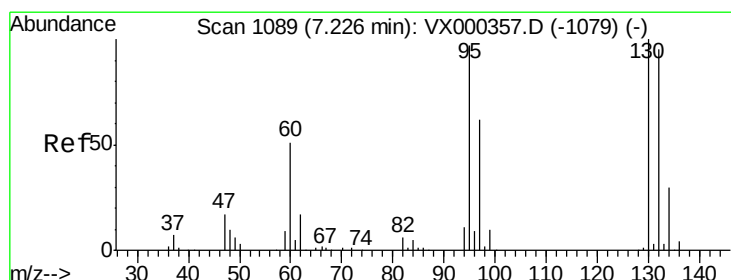
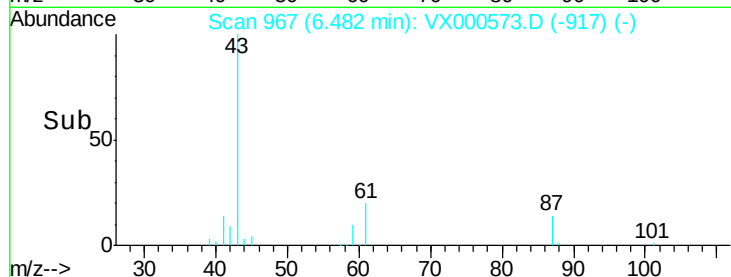
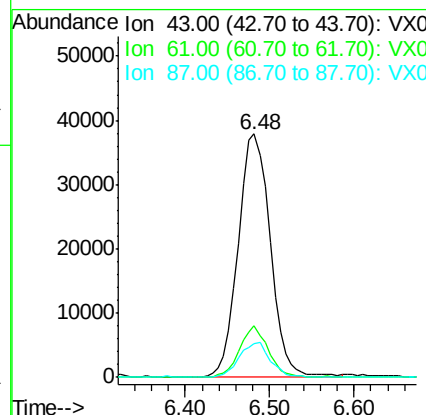
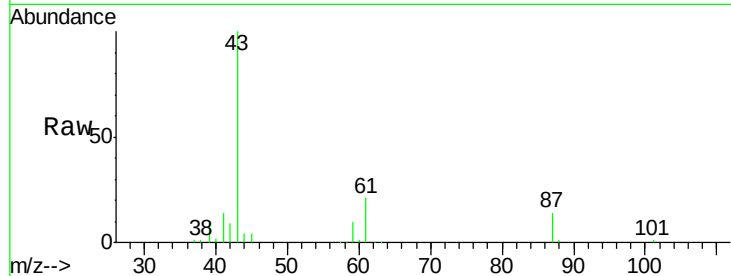
Isopropyl Acetate
 Concen: 18.14 ug/l
 RT: 6.48 min Scan# 967
 Delta R.T. 0.01 min
 Lab File: VX000573.D
 Acq: 30 Mar 2018 20:56

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0330MBSD01

Tot Ion:	43	Resp:	97538
Ion	Ratio	Lower	Upper
43	100		
61	18.9	14.4	21.6
87	14.0	11.0	16.4

Manual Integrations
 APPROVED

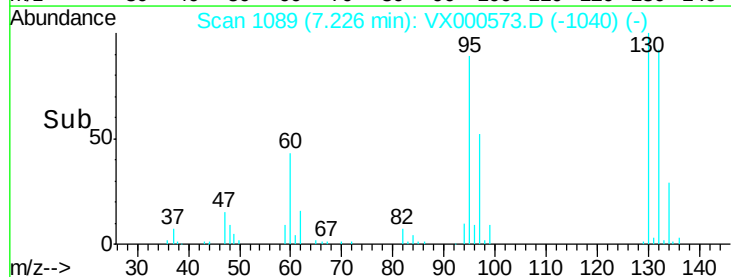
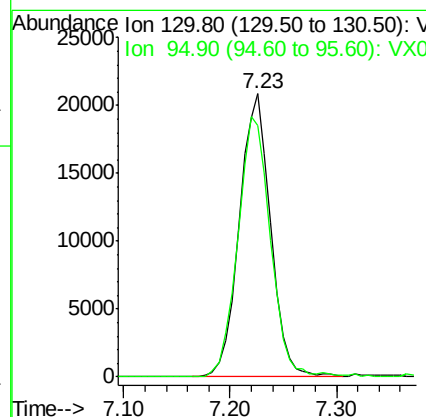
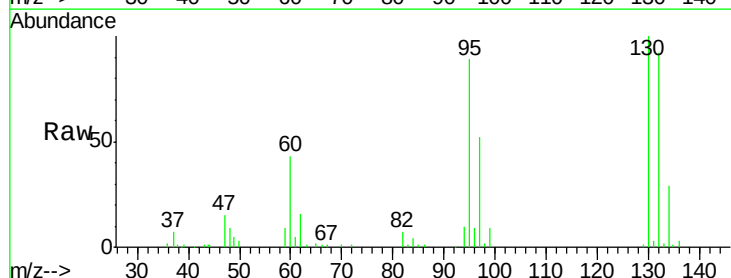
sam
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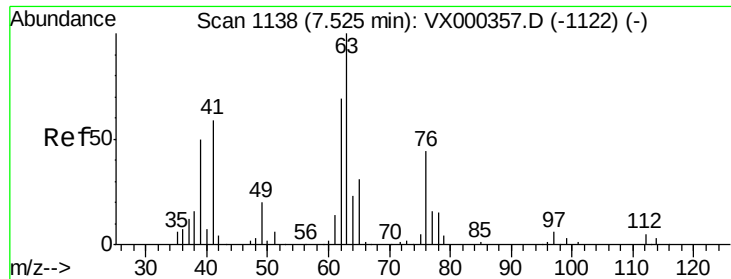


#44

Trichloroethene
 Concen: 19.56 ug/l
 RT: 7.23 min Scan# 1089
 Delta R.T. -0.00 min
 Lab File: VX000573.D
 Acq: 30 Mar 2018 20:56

Tgt Ion:	130	Resp:	43032
Ion	Ratio	Lower	Upper
130	100		
95	88.7	0.0	186.0





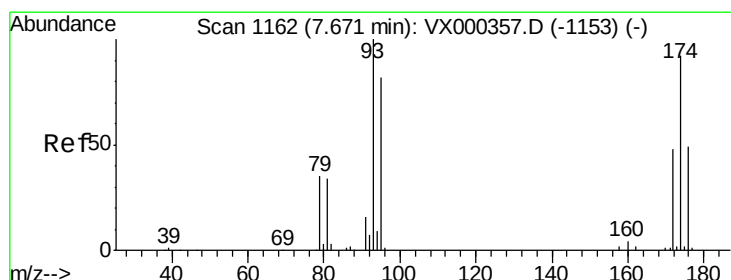
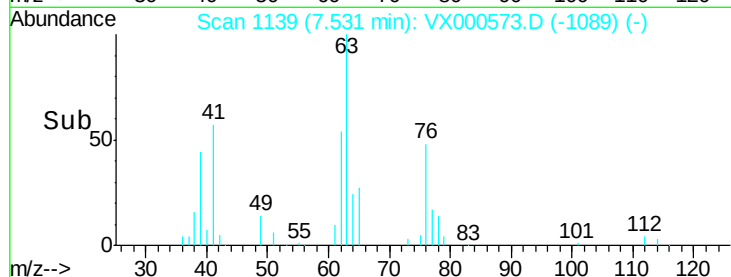
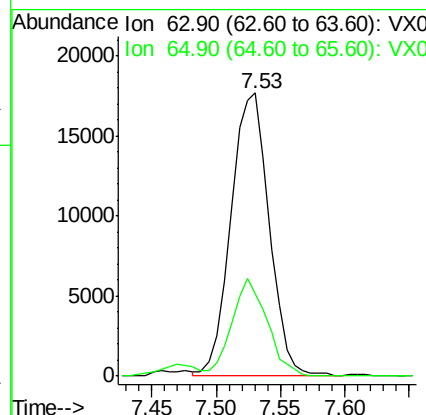
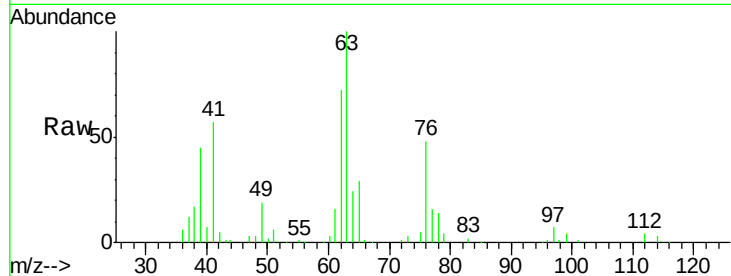
#45
 1,2-Dichloropropane
 Concen: 18.64 ug/l
 RT: 7.53 min Scan# 1139
 Delta R.T. 0.01 min
 Lab File: VX000573.D
 Acq: 30 Mar 2018 20:56

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0330MBSD01

Tot Ion: 63 Resp: 36648
 Ion Ratio Lower Upper
 63 100
 65 29.2 24.6 36.8

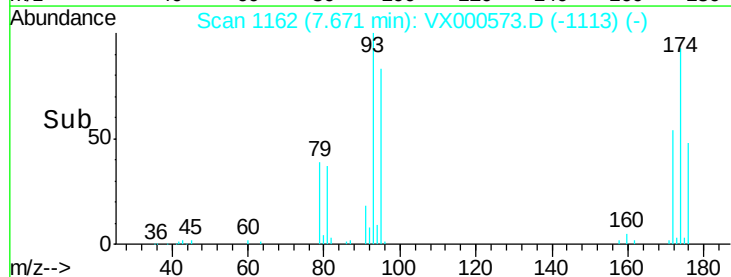
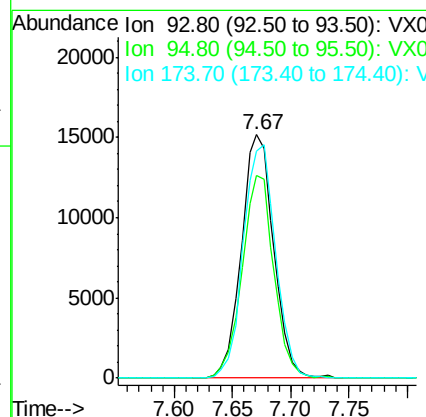
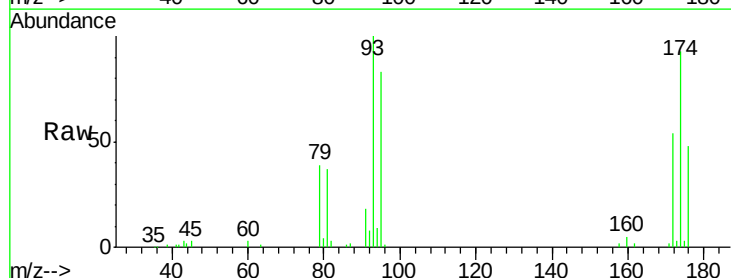
Manual Integrations
 APPROVED

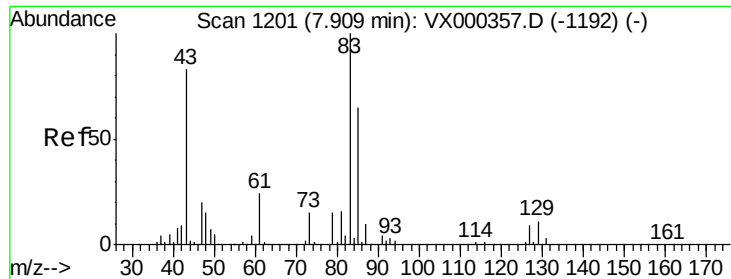
sam
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#46
 Dibromomethane
 Concen: 19.02 ug/l
 RT: 7.67 min Scan# 1162
 Delta R.T. -0.00 min
 Lab File: VX000573.D
 Acq: 30 Mar 2018 20:56

Tgt Ion: 93 Resp: 29351
 Ion Ratio Lower Upper
 93 100
 95 81.7 66.5 99.7
 174 95.9 76.0 114.0





#47

Bromodichloromethane

Concen: 18.93 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. -0.00 min

Lab File: VX000573.D

Acq: 30 Mar 2018 20:56

Instrument :

MSVOA_X

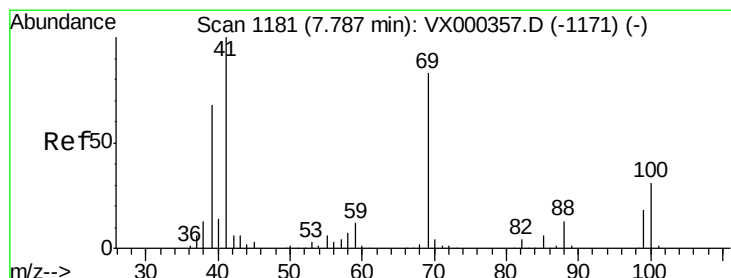
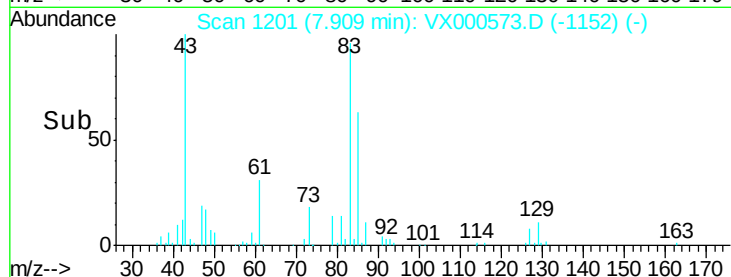
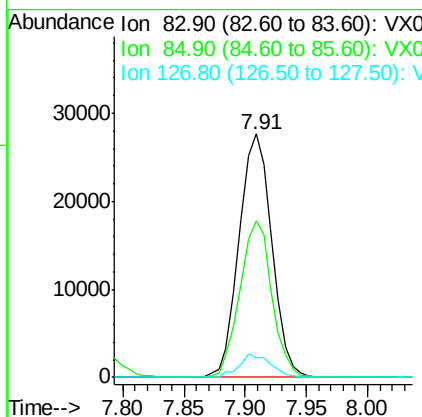
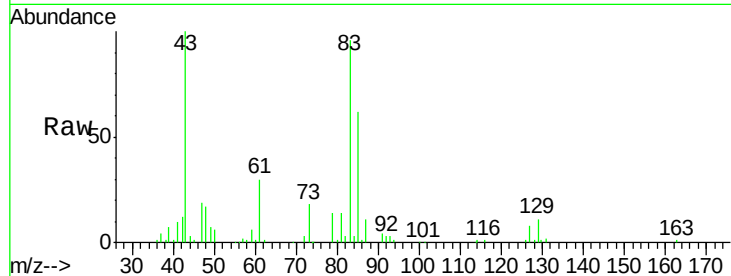
ClientSampleId :

VX0330MBSD01

Tot Ion:	83	Resp:	51409
Ion	Ratio	Lower	Upper
83	100		
85	64.5	51.4	77.0
127	8.2	7.0	10.6

Manual Integrations
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sam
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#48

Methyl methacrylate

Concen: 18.64 ug/l

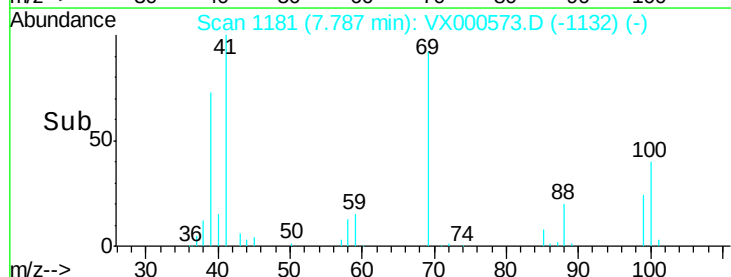
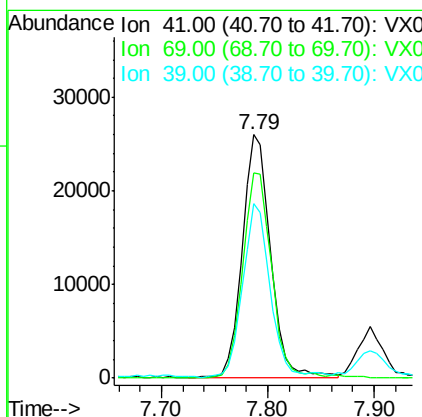
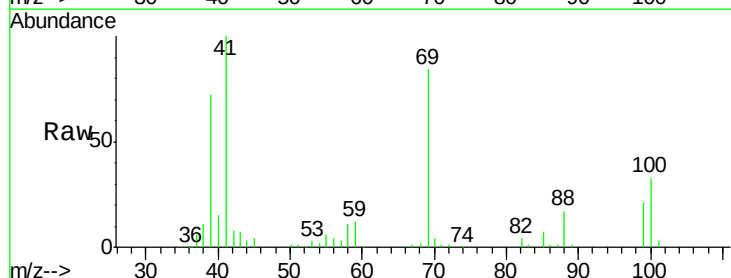
RT: 7.79 min Scan# 1181

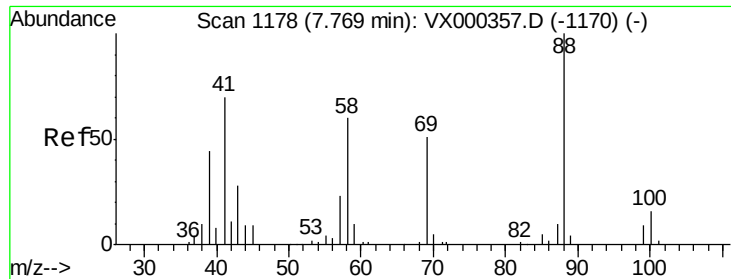
Delta R.T. -0.00 min

Lab File: VX000573.D

Acq: 30 Mar 2018 20:56

Tgt Ion:	41	Resp:	48666
Ion	Ratio	Lower	Upper
41	100		
69	85.5	68.2	102.4
39	69.2	54.6	81.8





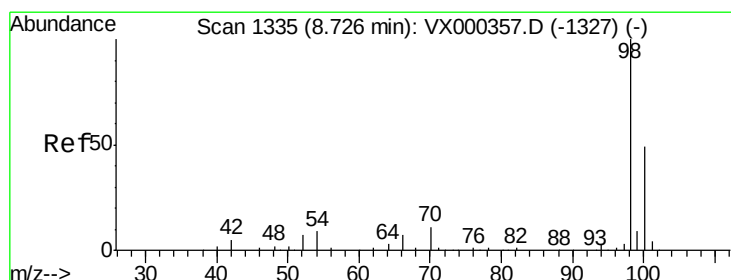
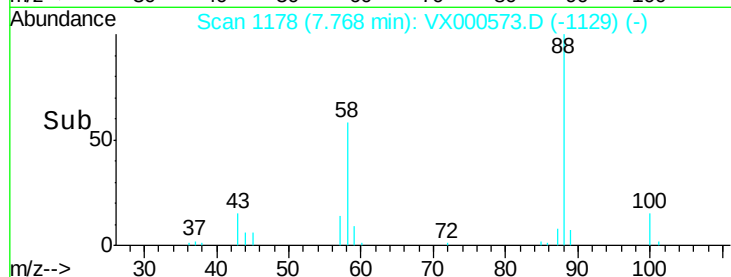
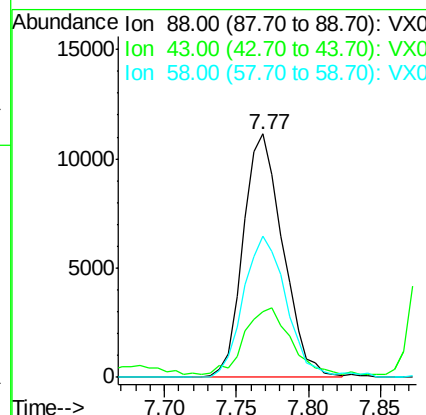
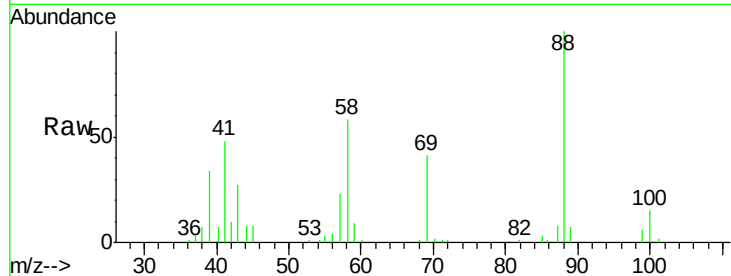
#49
1,4-Dioxane
Concen: 387.27 ug/l
RT: 7.77 min Scan# 1178
Delta R.T. -0.00 min
Lab File: VX000573.D
Acq: 30 Mar 2018 20:56

Instrument :
MSVOA_X
ClientSampleId :
VX0330MBSD01

Tot Ion	Ratio	Lower	Upper
88	100		
43	31.9	26.8	40.2
58	63.3	52.2	78.2

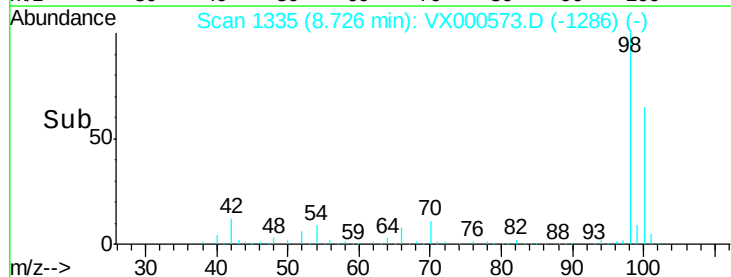
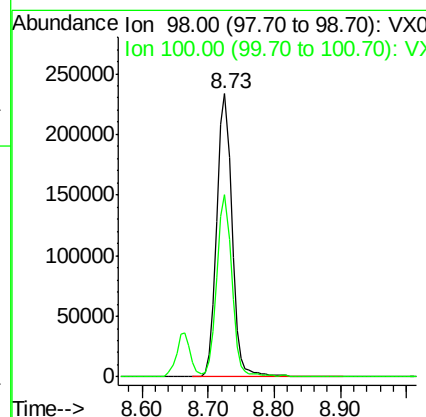
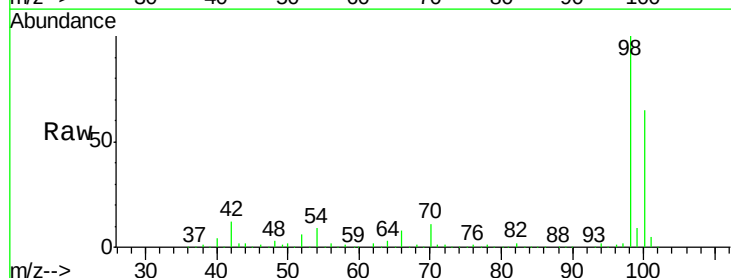
Manual Integrations
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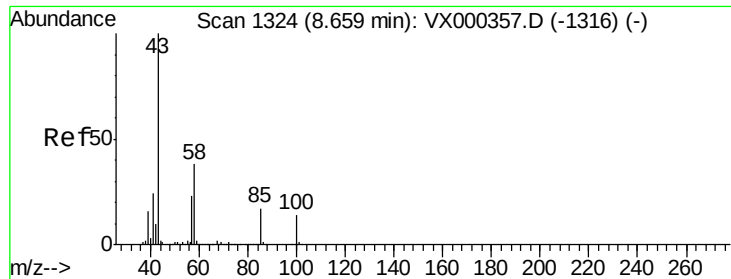
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#50
Toluene-d8
Concen: 50.60 ug/l
RT: 8.73 min Scan# 1335
Delta R.T. -0.00 min
Lab File: VX000573.D
Acq: 30 Mar 2018 20:56

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.3	51.2	76.8





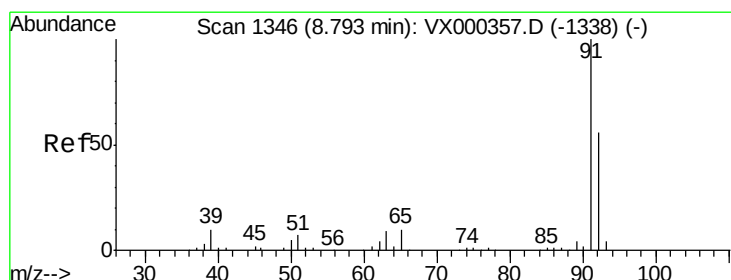
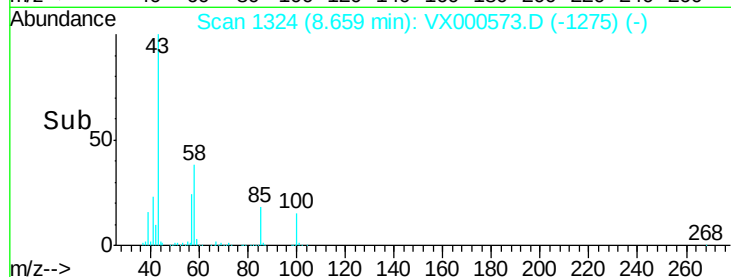
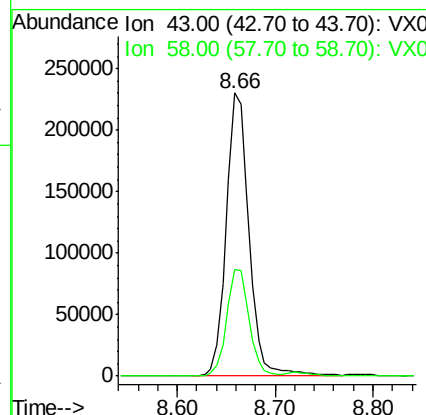
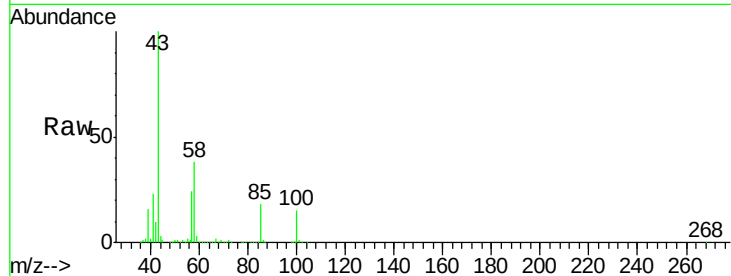
#51
4-Methyl-2-Pentanone
Concen: 89.92 ug/l
RT: 8.66 min Scan# 1324
Delta R.T. -0.00 min
Lab File: VX000573.D
Acq: 30 Mar 2018 20:56

Instrument :
MSVOA_X
ClientSampleId :
VX0330MBSD01

Tot Ion	43	Resp	374292
Ion	Ratio	Lower	Upper
43	100		
58	37.3	30.3	45.5

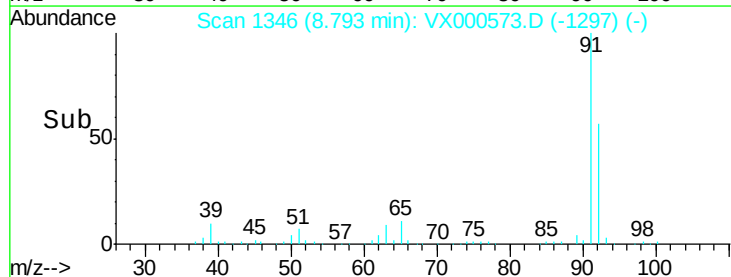
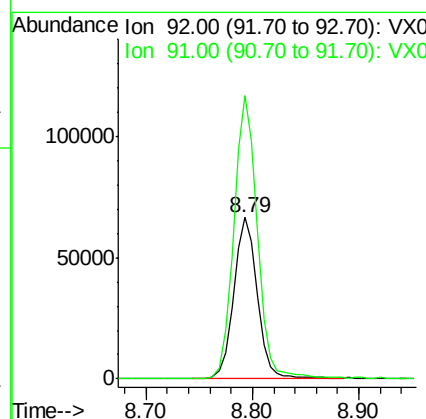
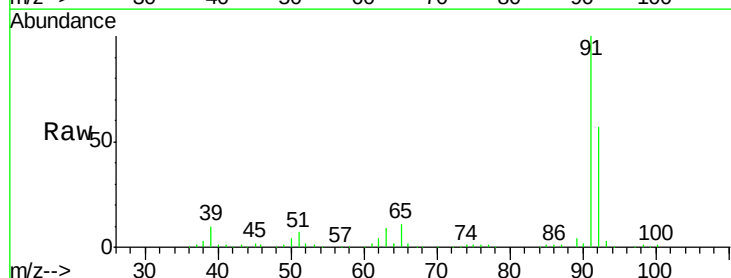
Manual Integrations
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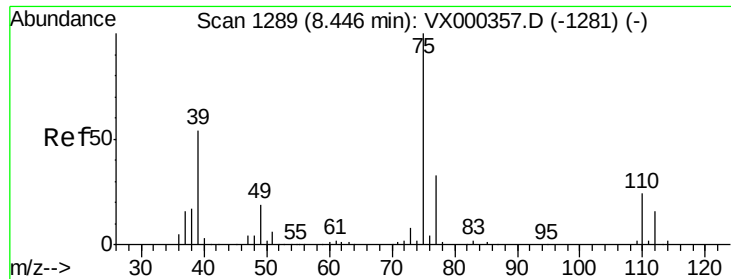
sam
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#52
Toluene
Concen: 19.26 ug/l
RT: 8.79 min Scan# 1346
Delta R.T. -0.00 min
Lab File: VX000573.D
Acq: 30 Mar 2018 20:56

Tgt Ion	92	Resp	103416
Ion	Ratio	Lower	Upper
92	100		
91	175.4	140.2	210.2





#53

t-1,3-Dichloropropene

Concen: 18.80 ug/l

RT: 8.45 min Scan# 1289

Delta R.T. -0.00 min

Lab File: VX000573.D

Acq: 30 Mar 2018 20:56

Instrument :

MSVOA_X

ClientSampled :

VX0330MBSD01

Tot Ion: 75 Resp: 59139

Ion Ratio Lower Upper

75 100

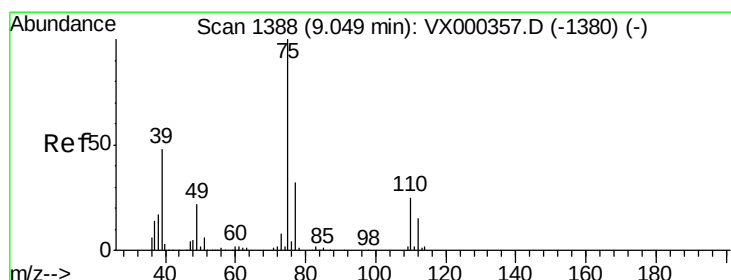
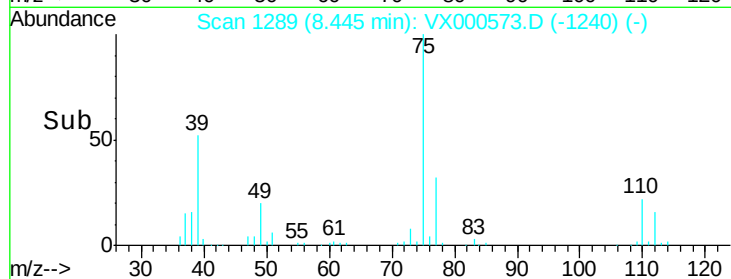
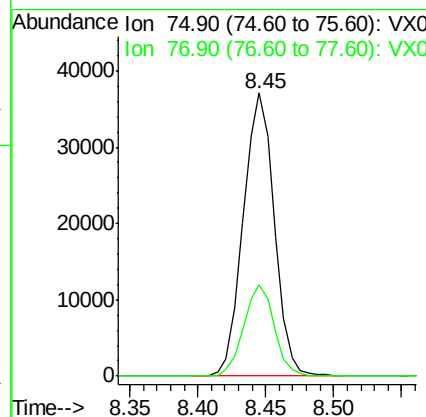
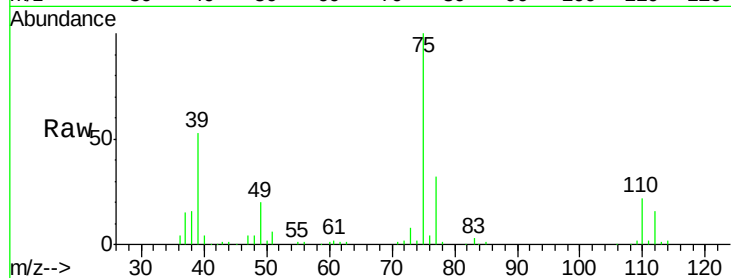
77 32.3 24.0 36.0

Manual Integrations

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#54

cis-1,3-Dichloropropene

Concen: 19.08 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. -0.00 min

Lab File: VX000573.D

Acq: 30 Mar 2018 20:56

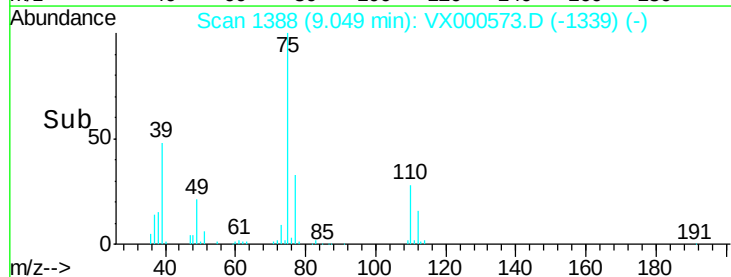
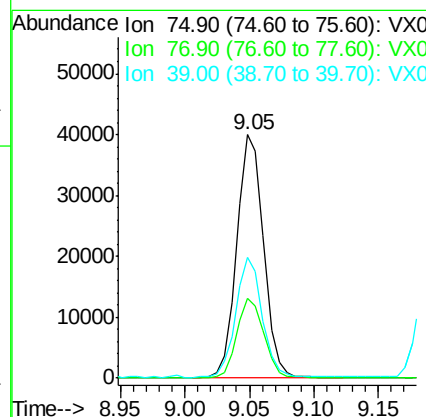
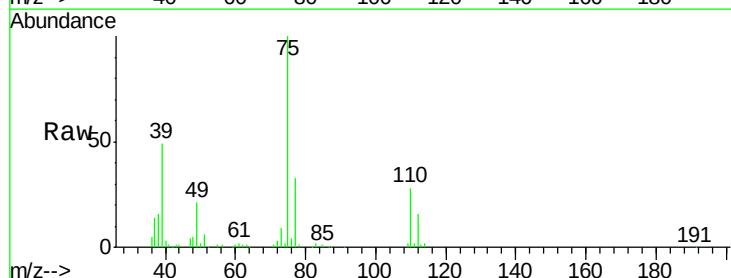
Tgt Ion: 75 Resp: 58229

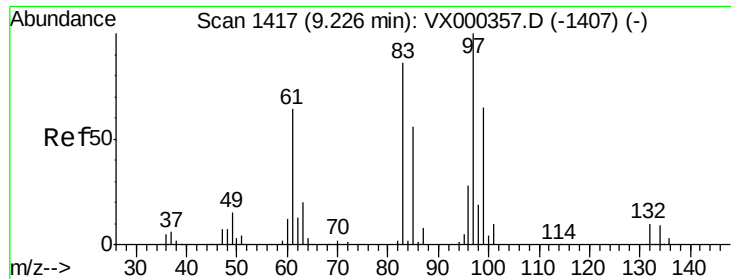
Ion Ratio Lower Upper

75 100

77 32.4 26.1 39.1

39 49.0 39.8 59.6





#55

1,1,2-Trichloroethane

Concen: 19.62 ug/l

RT: 9.23 min Scan# 1417

Delta R.T. -0.00 min

Lab File: VX000573.D

Acq: 30 Mar 2018 20:56

Instrument :

MSVOA_X

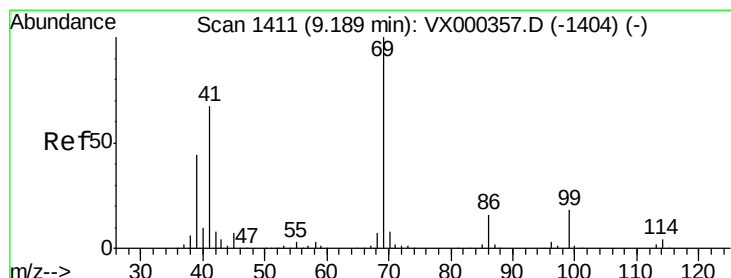
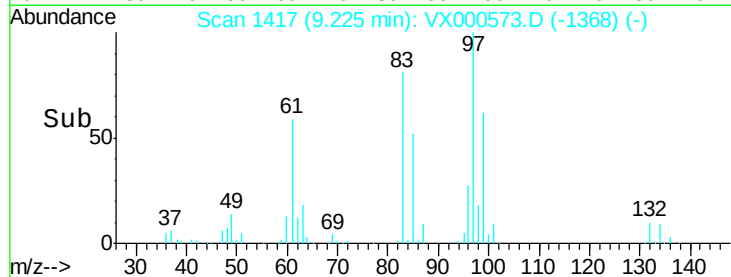
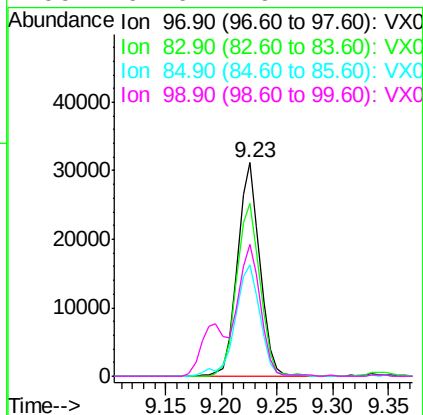
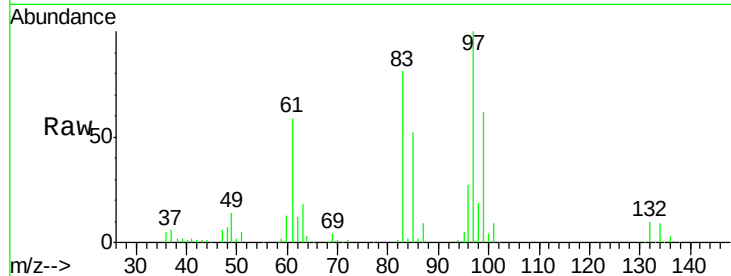
ClientSampleId :

VX0330MBSD01

Tot Ion:	97	Resp:	43329
Ion	Ratio	Lower	Upper
97	100		
83	81.1	67.9	101.9
85	52.3	42.8	64.2
99	61.6	49.4	74.2

Manual Integrations
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#56

Ethyl methacrylate

Concen: 18.96 ug/l

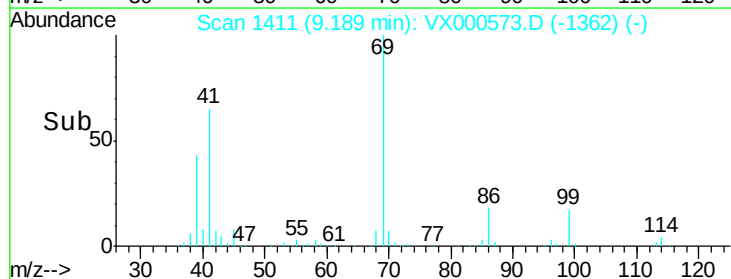
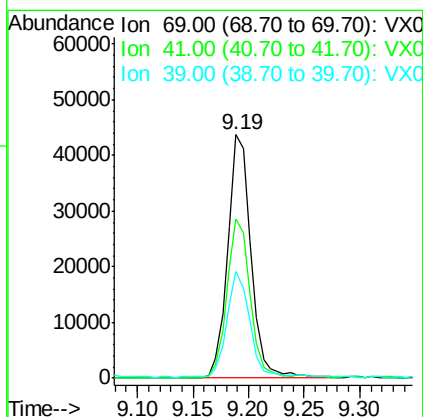
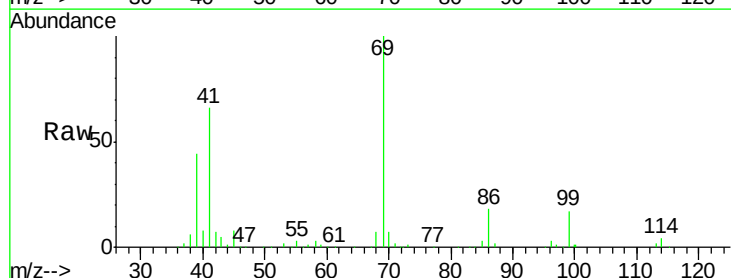
RT: 9.19 min Scan# 1411

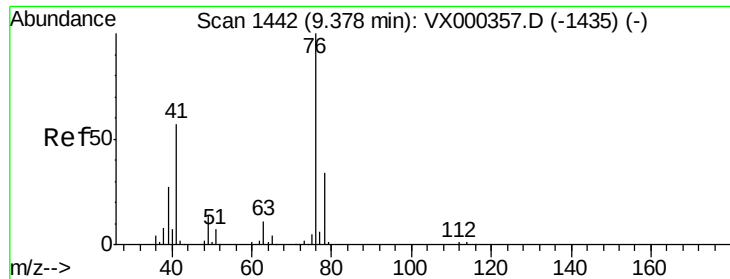
Delta R.T. -0.00 min

Lab File: VX000573.D

Acq: 30 Mar 2018 20:56

Tgt Ion:	69	Resp:	63451
Ion	Ratio	Lower	Upper
69	100		
41	66.4	53.0	79.6
39	41.5	35.3	52.9





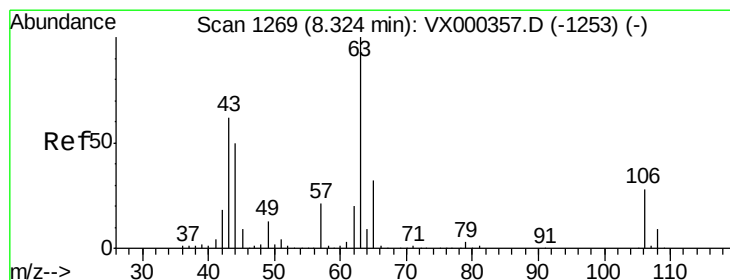
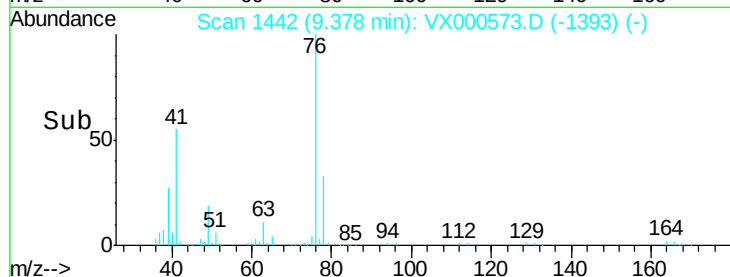
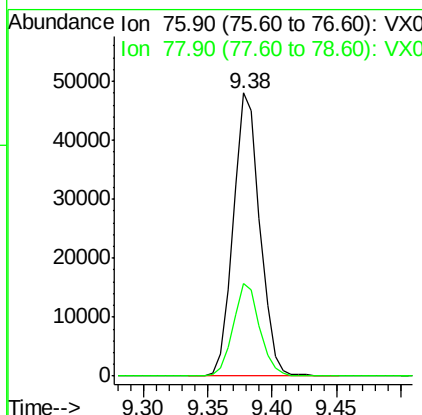
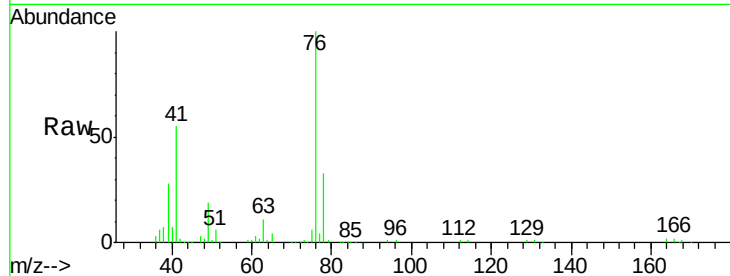
#57
 1,3-Dichloropropane
 Concen: 19.58 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. -0.00 min
 Lab File: VX000573.D
 Acq: 30 Mar 2018 20:56

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0330MBSD01

Tot Ion: 76 Resp: 69161
 Ion Ratio Lower Upper
 76 100
 78 32.5 26.4 39.6

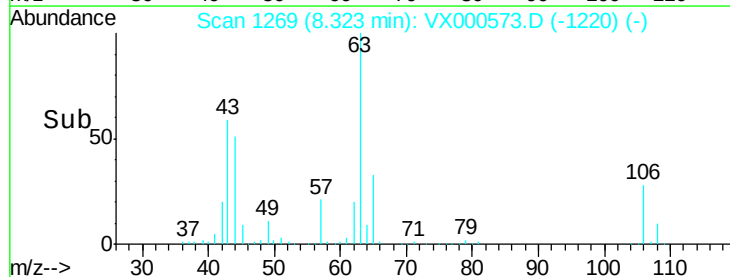
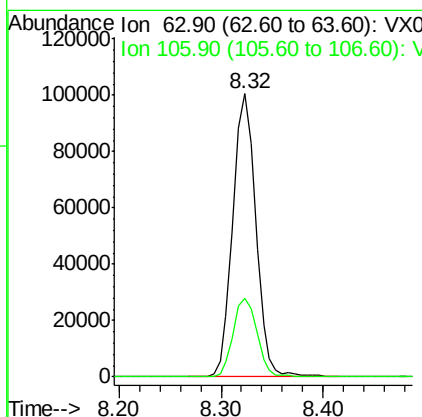
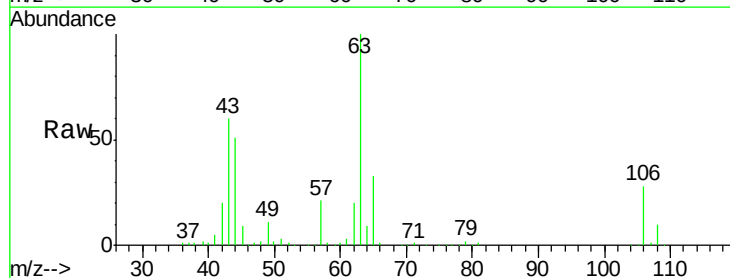
Manual Integrations
 APPROVED

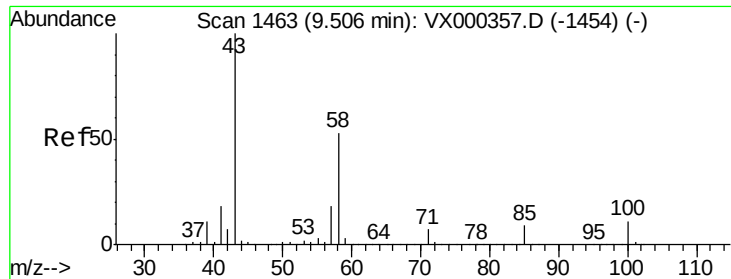
sam
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#58
 2-Chloroethyl Vinyl ether
 Concen: 98.25 ug/l
 RT: 8.32 min Scan# 1269
 Delta R.T. -0.00 min
 Lab File: VX000573.D
 Acq: 30 Mar 2018 20:56

Tgt Ion: 63 Resp: 157777
 Ion Ratio Lower Upper
 63 100
 106 28.7 23.2 34.8





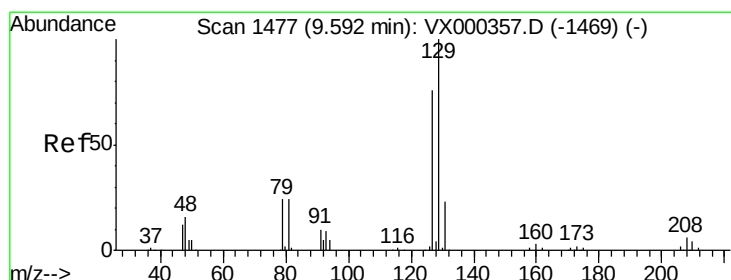
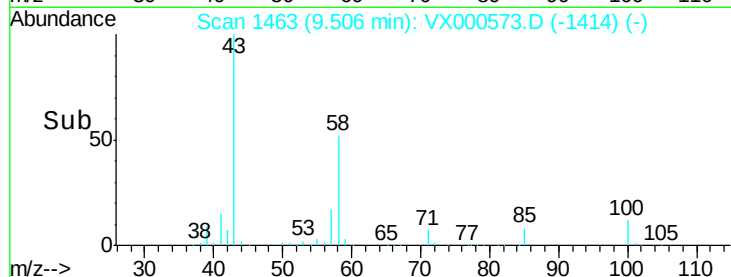
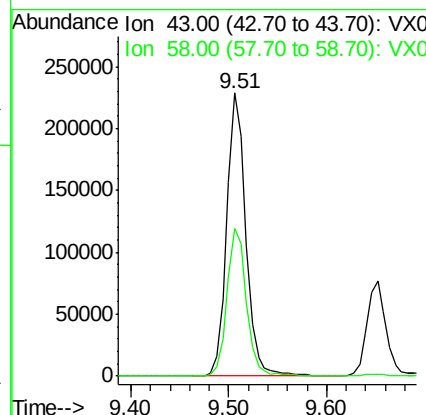
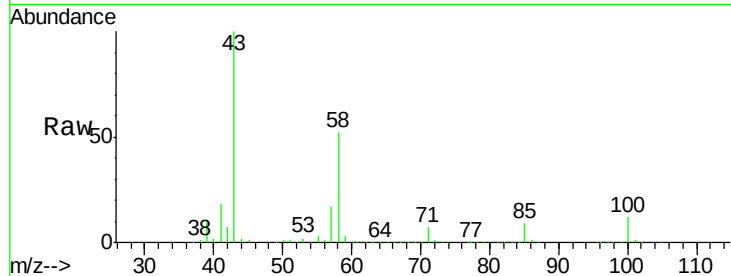
#59
2-Hexanone
Concen: 88.05 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. -0.00 min
Lab File: VX000573.D
Acq: 30 Mar 2018 20:56

Instrument :
MSVOA_X
ClientSampled :
VX0330MBSD01

Tot Ion: 43 Resp: 311215
Ion Ratio Lower Upper
43 100
58 53.2 26.6 79.7

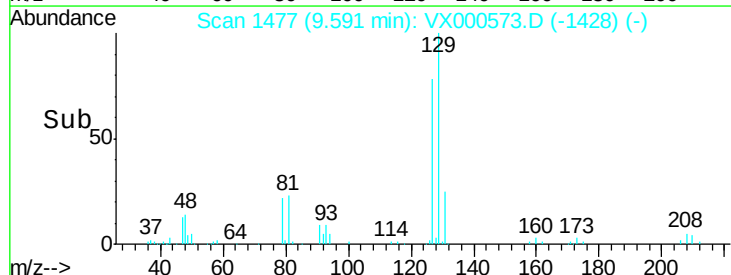
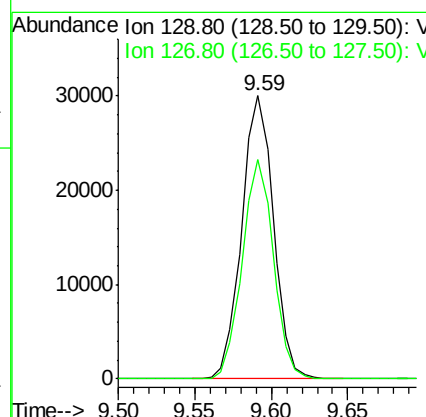
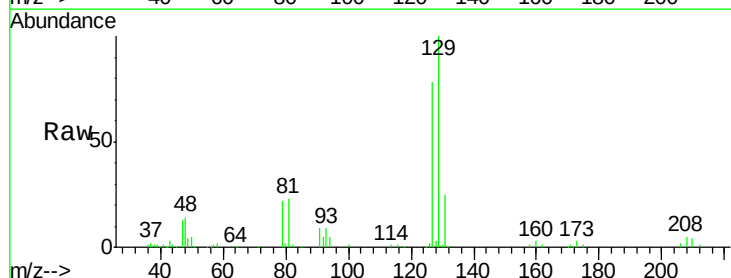
Manual Integrations
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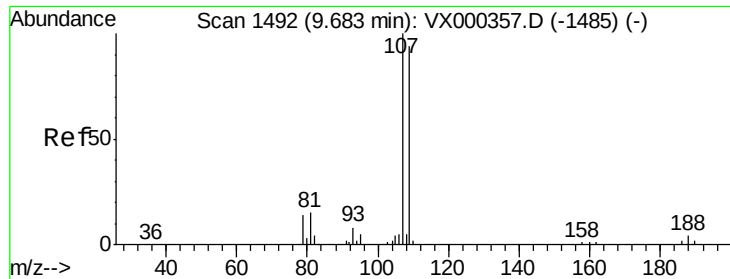
sam
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#60
Dibromochloromethane
Concen: 19.30 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX000573.D
Acq: 30 Mar 2018 20:56

Tgt Ion: 129 Resp: 43231
Ion Ratio Lower Upper
129 100
127 76.1 37.9 113.6





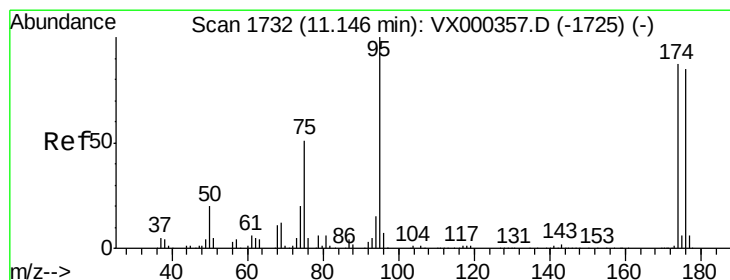
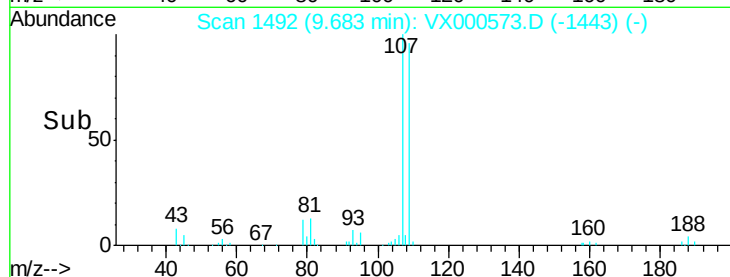
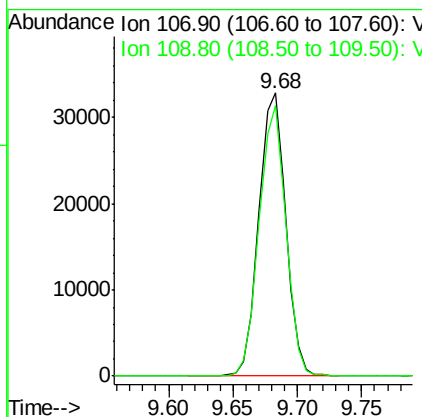
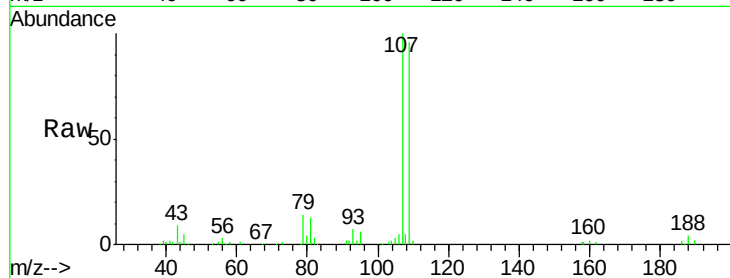
#61
 1,2-Dibromoethane
 Concen: 20.07 ug/l
 RT: 9.68 min Scan# 1492
 Delta R.T. -0.00 min
 Lab File: VX000573.D
 Acq: 30 Mar 2018 20:56

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0330MBSD01

Tot Ion:107 Resp: 47523
 Ion Ratio Lower Upper
 107 100
 109 94.9 76.1 114.1

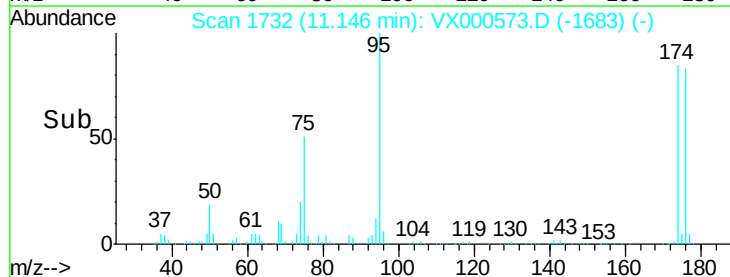
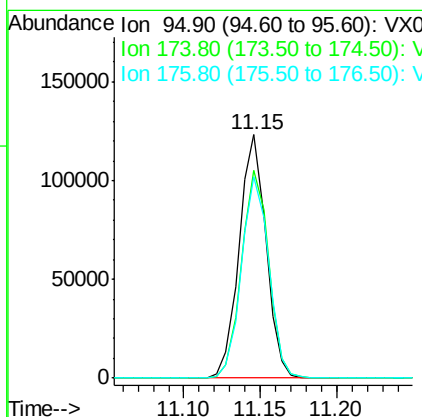
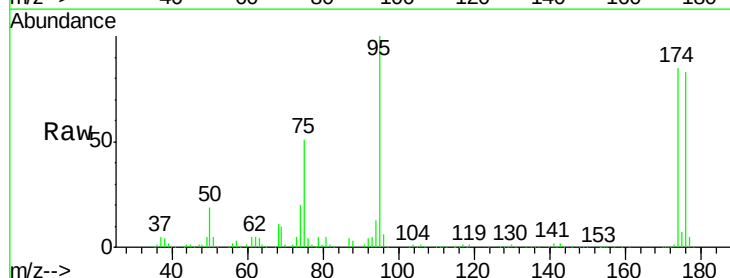
Manual Integrations
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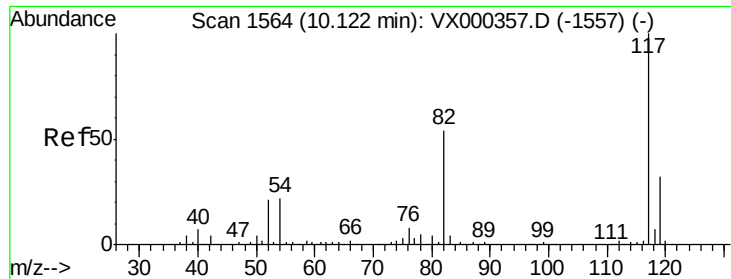
sam
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#62
 4-Bromofluorobenzene
 Concen: 48.32 ug/l
 RT: 11.15 min Scan# 1732
 Delta R.T. -0.00 min
 Lab File: VX000573.D
 Acq: 30 Mar 2018 20:56

Tgt Ion: 95 Resp: 149734
 Ion Ratio Lower Upper
 95 100
 174 86.8 0.0 173.6
 176 84.8 0.0 164.6





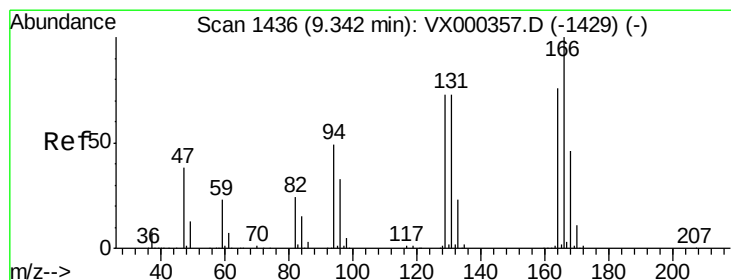
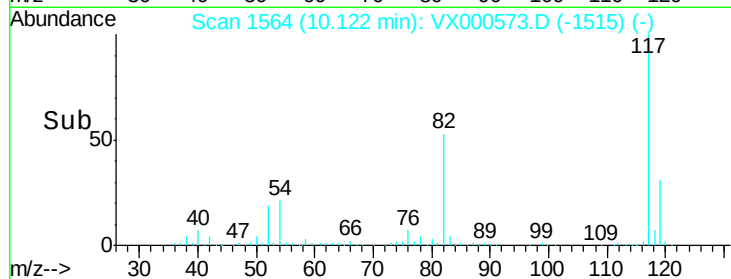
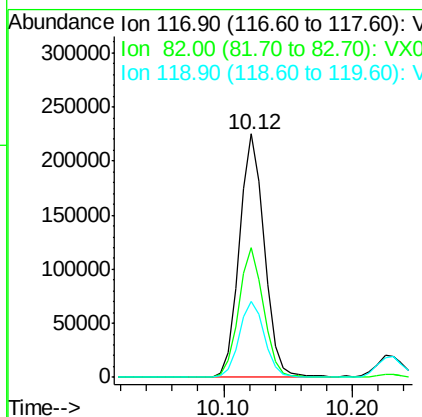
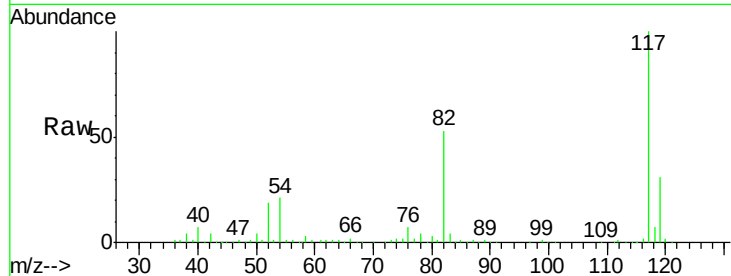
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000573.D
Acq: 30 Mar 2018 20:56

Instrument :
MSVOA_X
ClientSampleId :
VX0330MBSD01

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.3	43.8	65.8
119	31.3	24.9	37.3

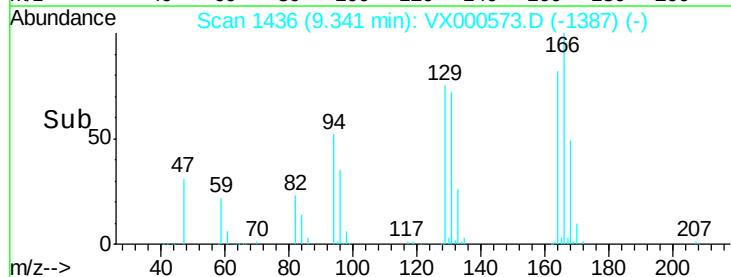
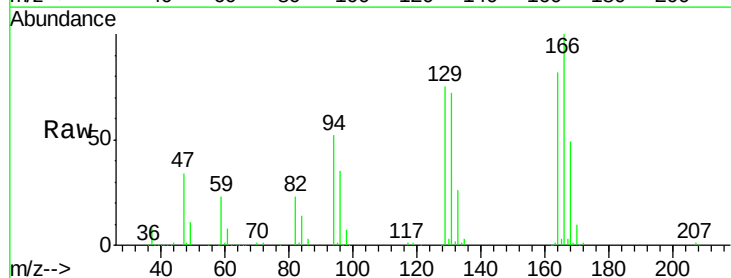
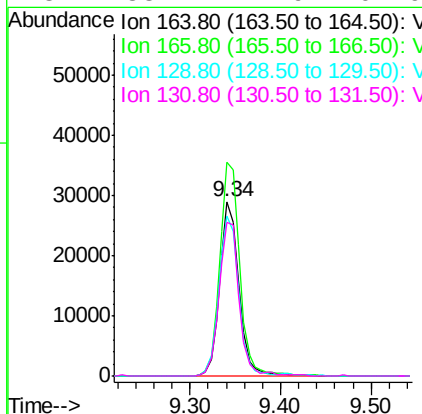
Manual Integrations
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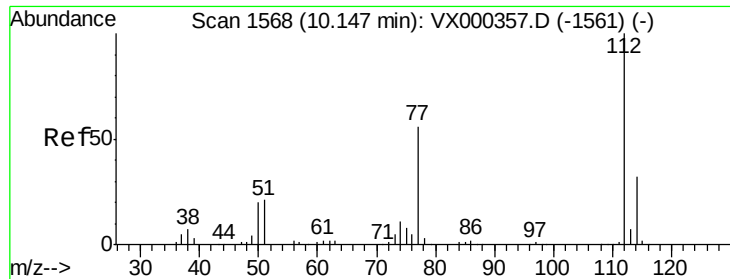
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#64
Tetrachloroethene
Concen: 18.28 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX000573.D
Acq: 30 Mar 2018 20:56

Tgt Ion	Ratio	Lower	Upper
164	100		
166	122.6	101.0	151.6
129	92.0	79.0	118.4
131	88.4	71.9	107.9





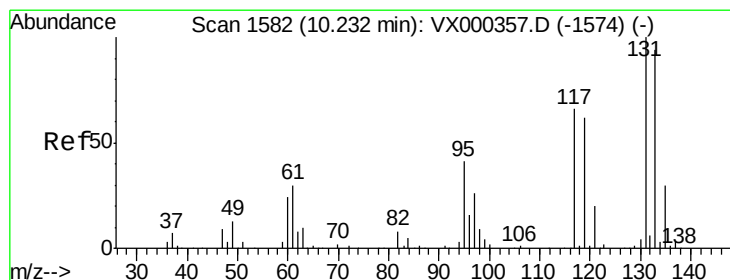
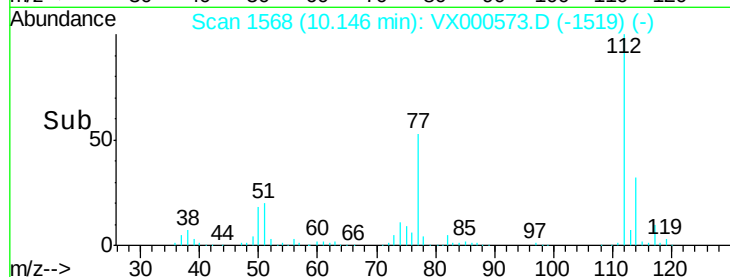
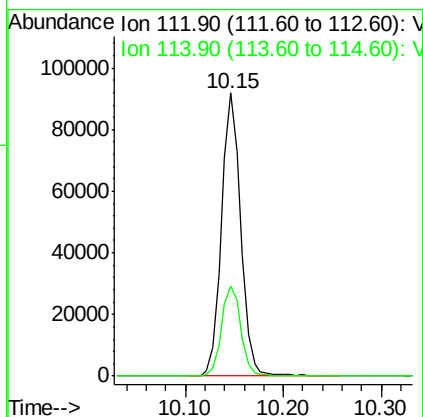
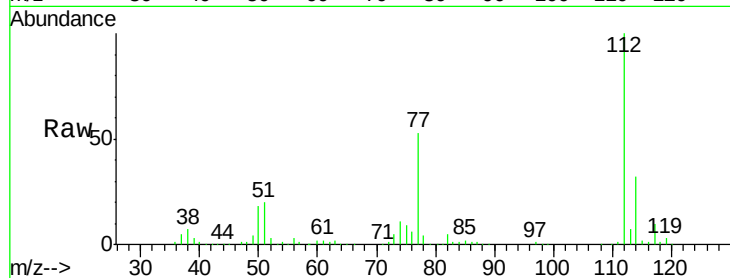
#65
Chlorobenzene
Concen: 18.67 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX000573.D
Acq: 30 Mar 2018 20:56

Instrument :
MSVOA_X
ClientSampled :
VX0330MBSD01

Tot Ion:112 Resp: 125732
Ion Ratio Lower Upper
112 100
114 32.0 25.7 38.5

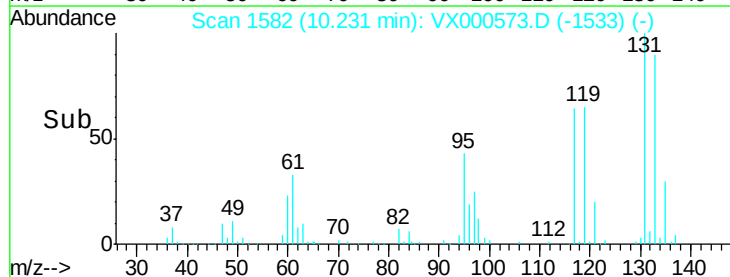
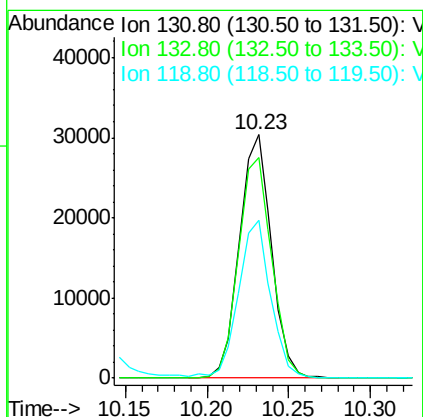
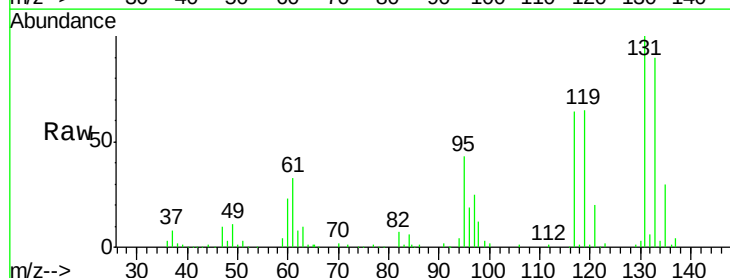
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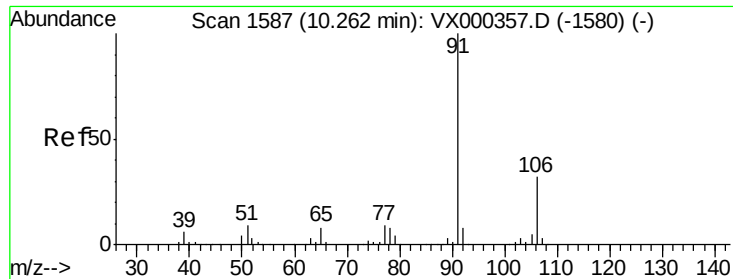
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#66
1,1,1,2-Tetrachloroethane
Concen: 18.16 ug/l
RT: 10.23 min Scan# 1582
Delta R.T. -0.00 min
Lab File: VX000573.D
Acq: 30 Mar 2018 20:56

Tgt Ion:131 Resp: 41537
Ion Ratio Lower Upper
131 100
133 93.8 47.1 141.3
119 65.2 33.1 99.2





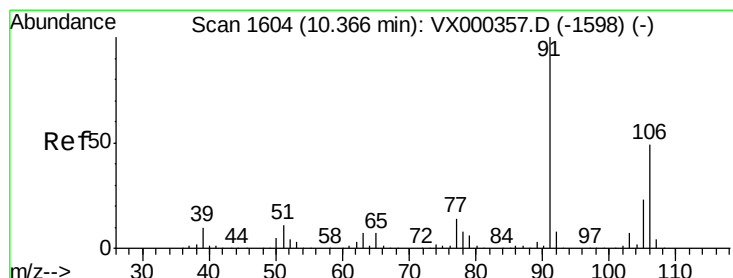
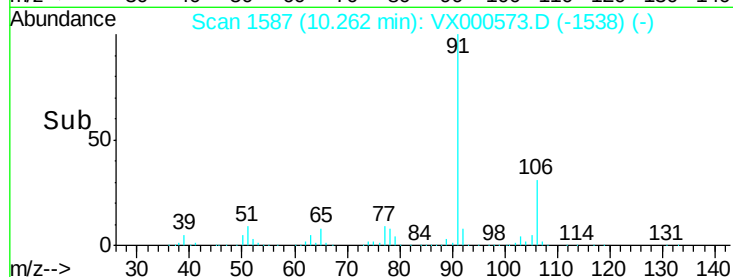
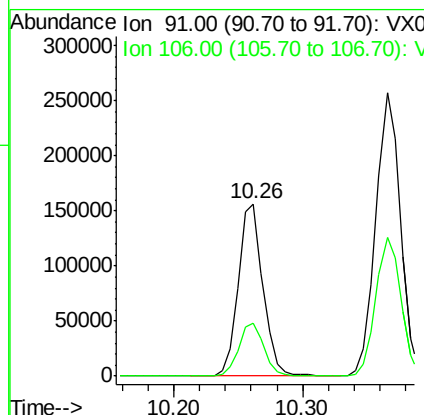
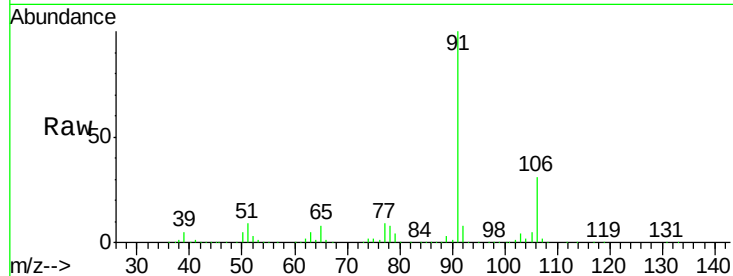
#67
Ethyl Benzene
Concen: 18.27 ug/l
RT: 10.26 min Scan# 1587
Delta R.T. -0.00 min
Lab File: VX000573.D
Acq: 30 Mar 2018 20:56

Instrument :
MSVOA_X
ClientSampleId :
VX0330MBSD01

Tot Ion: 91 Resp: 208579
Ion Ratio Lower Upper
91 100
106 31.0 25.0 37.6

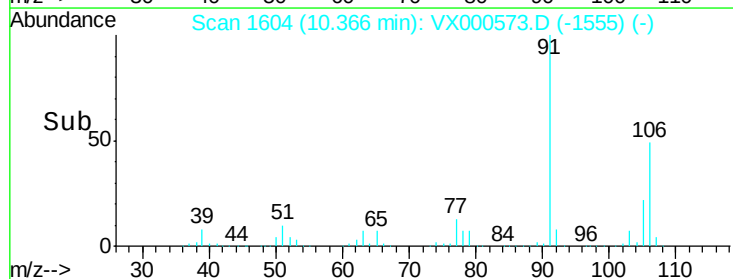
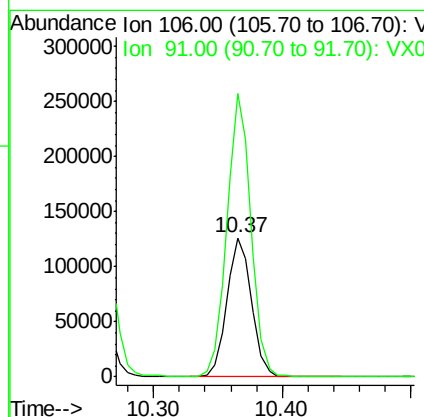
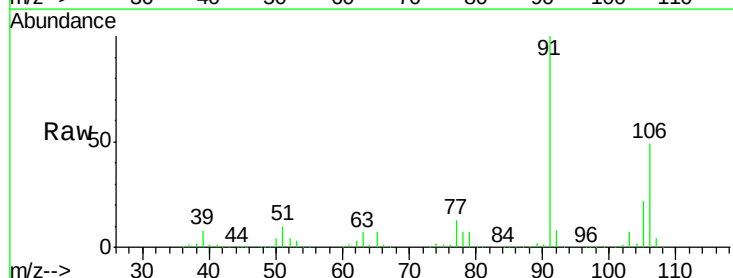
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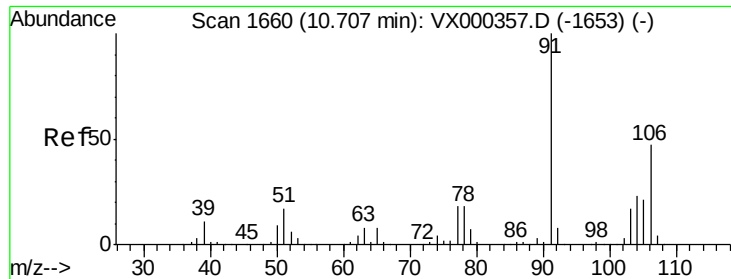
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#68
m/p-Xylenes
Concen: 37.67 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX000573.D
Acq: 30 Mar 2018 20:56

Tgt Ion: 106 Resp: 169182
Ion Ratio Lower Upper
106 100
91 199.1 163.4 245.2





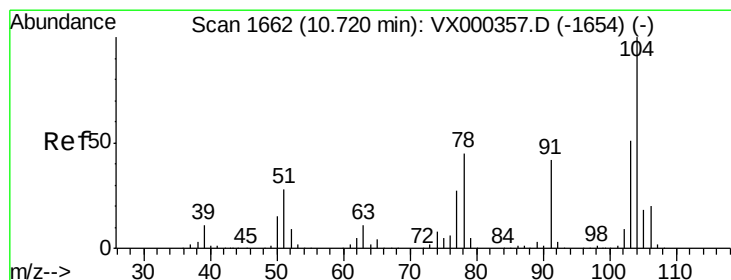
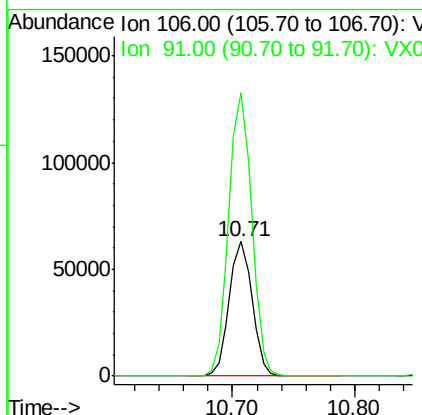
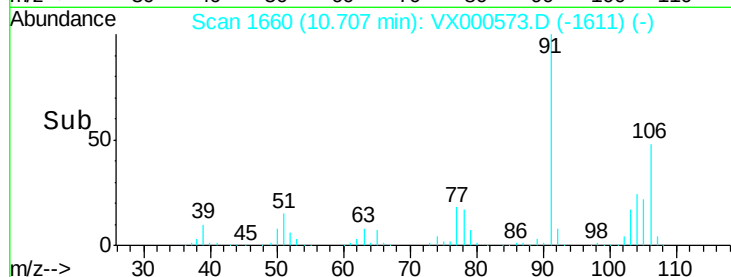
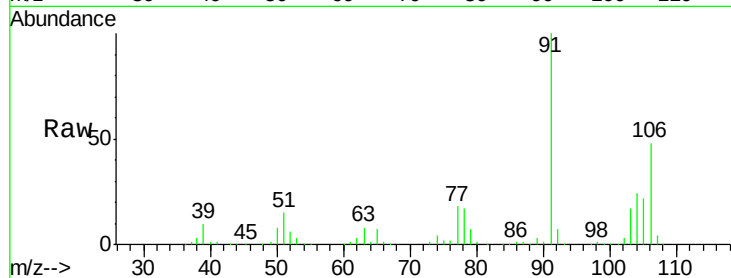
#69
o-Xylene
Concen: 18.82 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX000573.D
Acq: 30 Mar 2018 20:56

Instrument :
MSVOA_X
ClientSampleId :
VX0330MBS01

Tot Ion:106 Resp: 81835
Ion Ratio Lower Upper
106 100
91 211.8 106.5 319.6

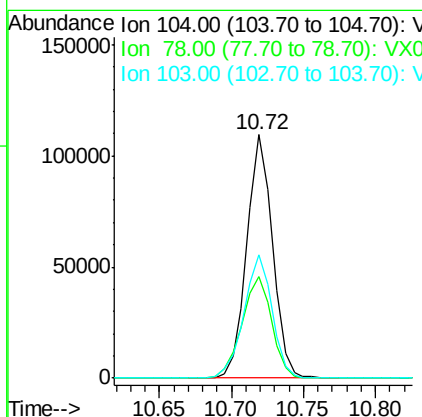
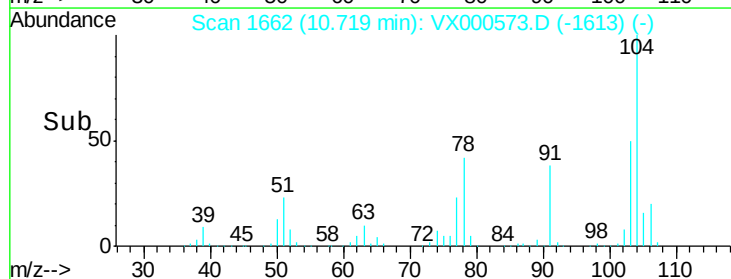
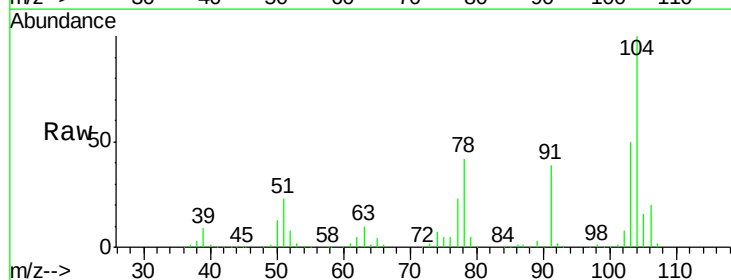
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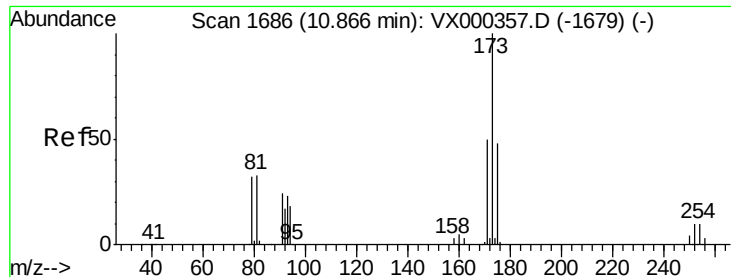
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#70
Styrene
Concen: 18.83 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX000573.D
Acq: 30 Mar 2018 20:56

Tgt Ion:104 Resp: 135516
Ion Ratio Lower Upper
104 100
78 48.3 40.5 60.7
103 55.5 45.7 68.5





#71

Bromoform

Concen: 17.30 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VX000573.D

Acq: 30 Mar 2018 20:56

Instrument :

MSVOA_X

ClientSampleId :

VX0330MBSD01

Tot Ion:173 Resp: 33019

Ion Ratio Lower Upper

173 100

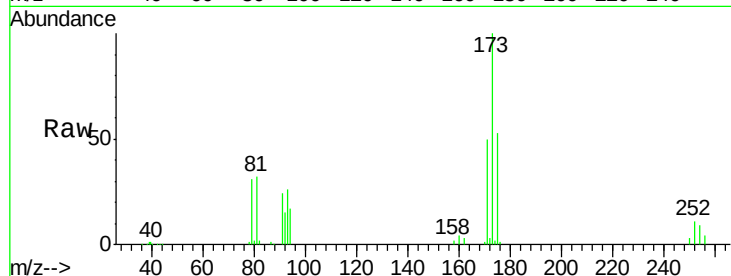
175 48.7 25.4 76.4

254 0.0 0.0 0.0

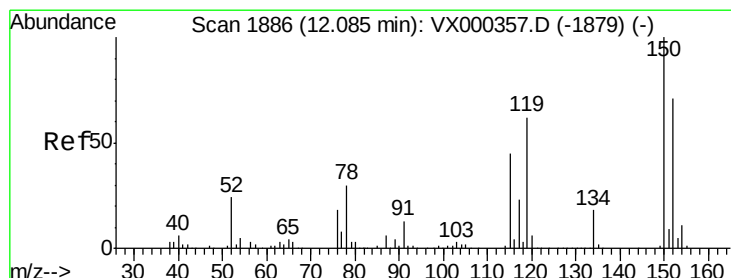
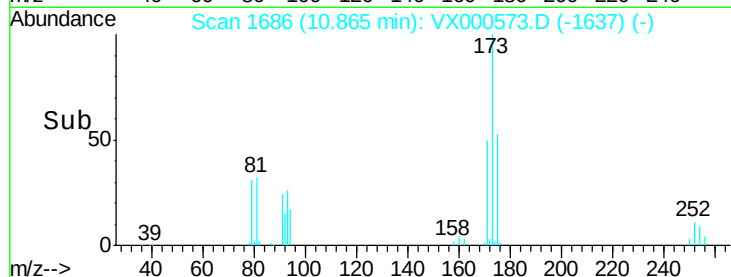
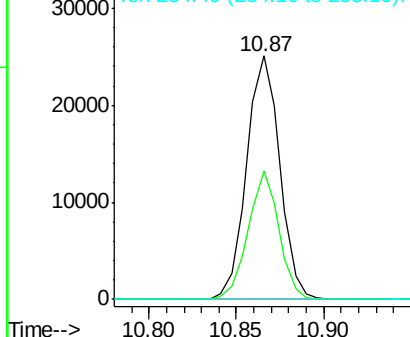
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX000573.D

Acq: 30 Mar 2018 20:56

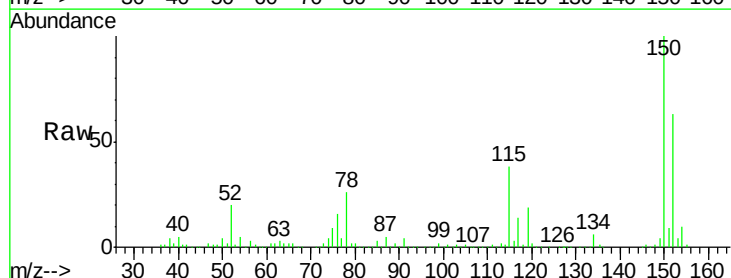
Tgt Ion:152 Resp: 181871

Ion Ratio Lower Upper

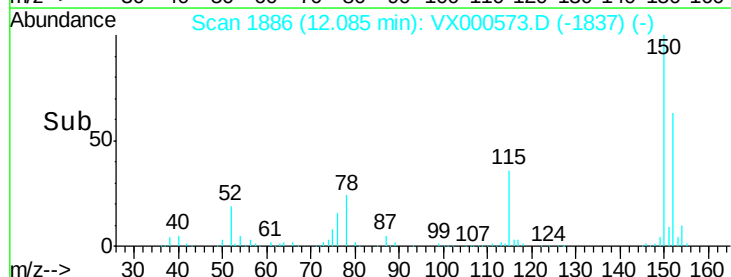
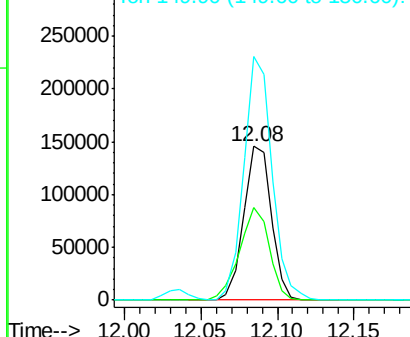
152 100

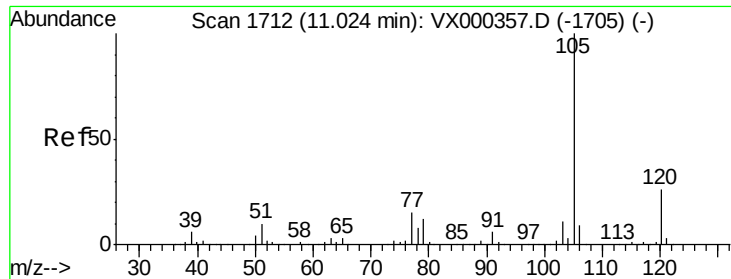
115 65.4 39.8 119.3

150 162.5 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: 18.43 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX000573.D

Acq: 30 Mar 2018 20:56

Instrument :

MSVOA_X

ClientSampleId :

VX0330MBSD01

Tot Ion: 105 Resp: 222023

Ion Ratio Lower Upper

105 100

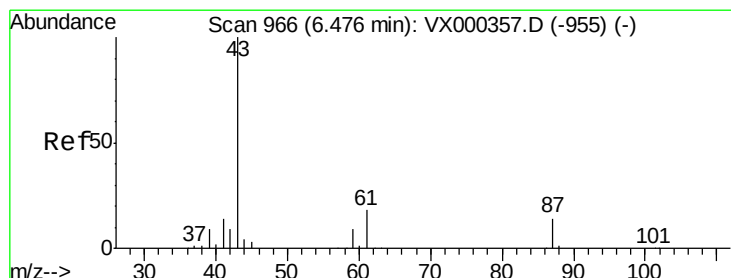
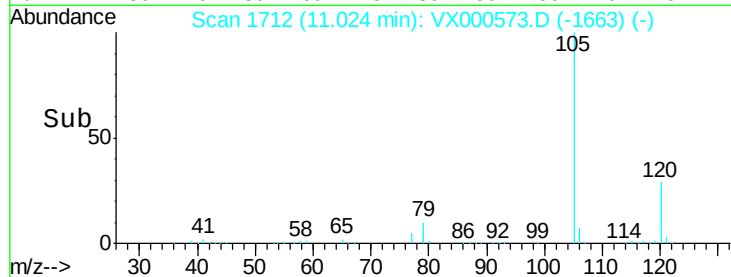
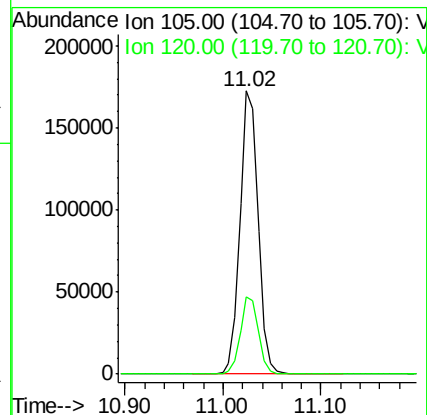
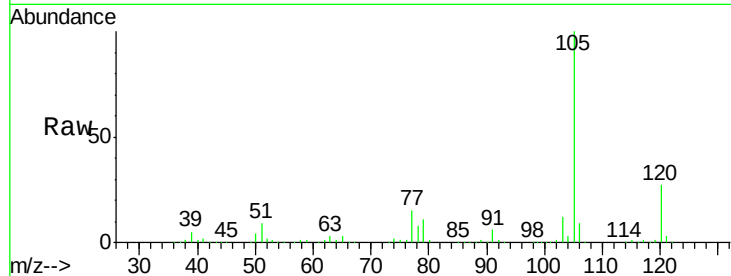
120 27.2 13.6 40.7

Manual Integrations

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#74

N-ethyl acetate

Concen: 16.35 ug/l

RT: 6.48 min Scan# 967

Delta R.T. 0.01 min

Lab File: VX000573.D

Acq: 30 Mar 2018 20:56

Tgt Ion: 43 Resp: 97538

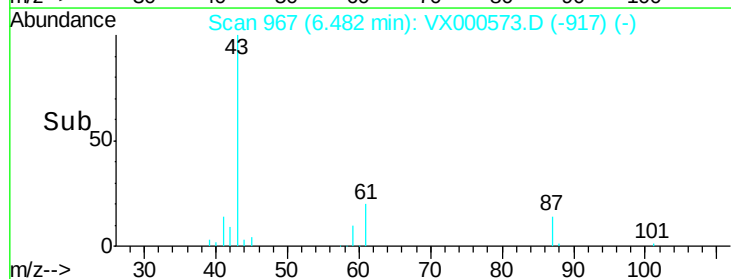
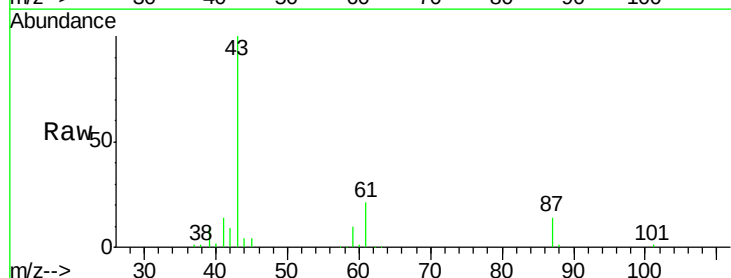
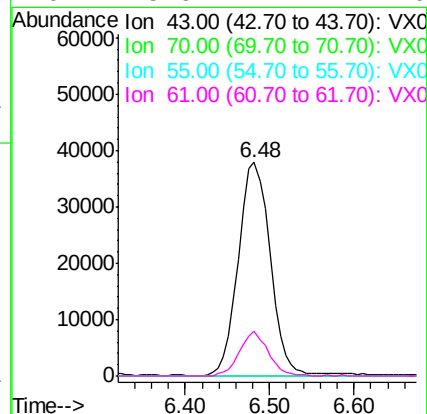
Ion Ratio Lower Upper

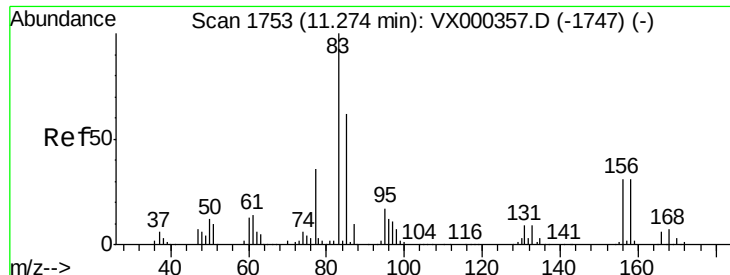
43 100

70 0.0 0.0 0.0

55 0.0 0.0 0.0

61 18.9 14.4 21.6





#75

1,1,2,2-Tetrachloroethane

Concen: 17.98 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX000573.D

Acq: 30 Mar 2018 20:56

Instrument :

MSVOA_X

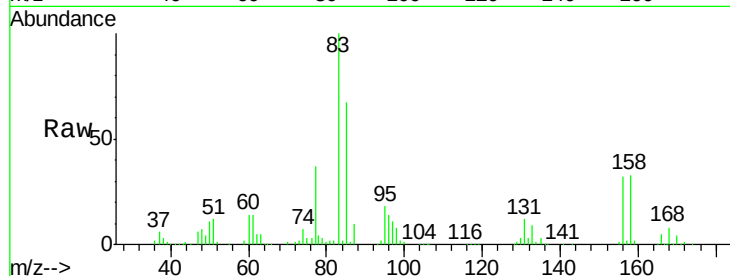
ClientSampleId :

VX0330MBSD01

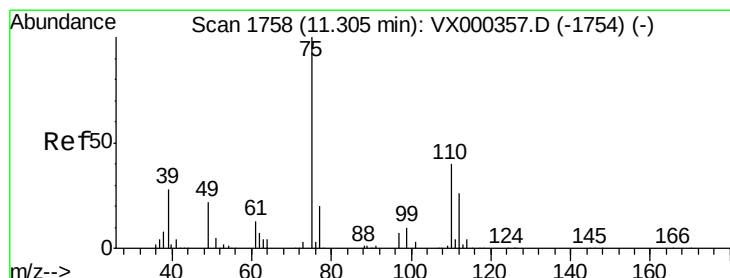
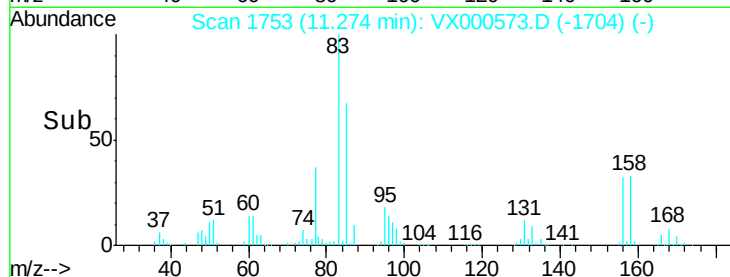
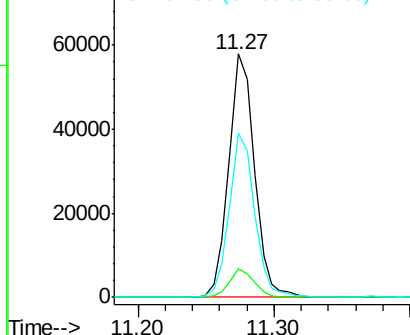
Tot Ion:	83	Resp:	76615
Ion	Ratio	Lower	Upper
83	100		
131	11.2	5.0	14.9
85	67.0	32.5	97.5

Manual Integrations
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Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 19.27 ug/l m

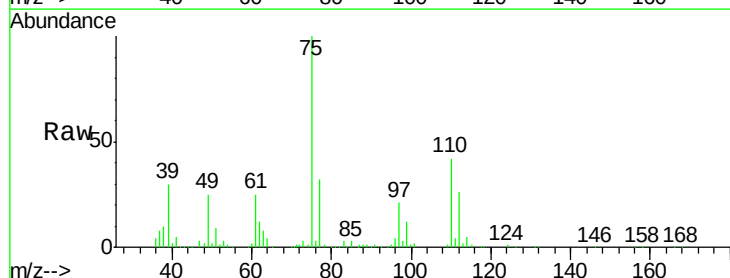
RT: 11.30 min Scan# 1758

Delta R.T. -0.00 min

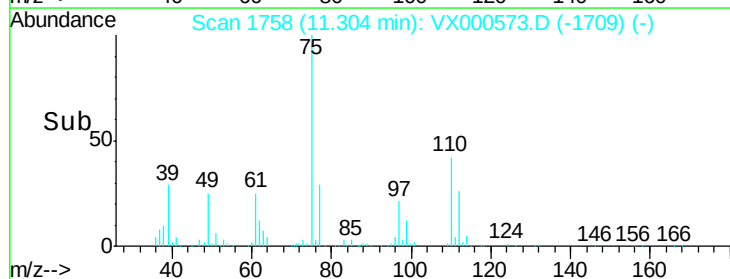
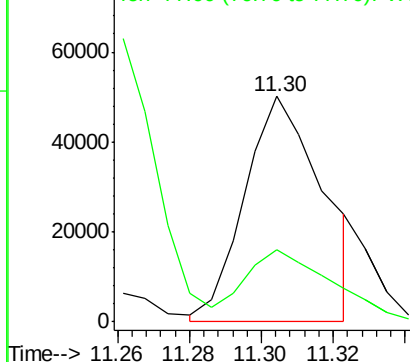
Lab File: VX000573.D

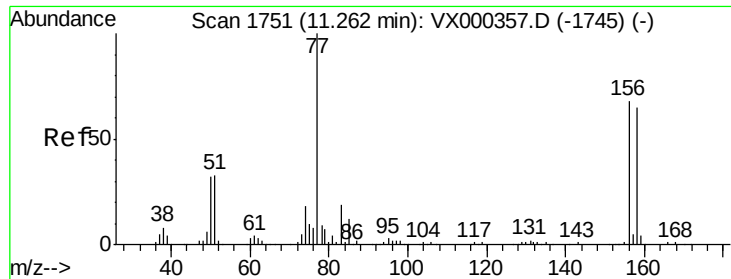
Acq: 30 Mar 2018 20:56

Tgt Ion:	75	Resp:	75319
Ion	Ratio	Lower	Upper
75	100		
77	36.0	21.4	64.2



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 17.42 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX000573.D

Acq: 30 Mar 2018 20:56

Instrument :

MSVOA_X

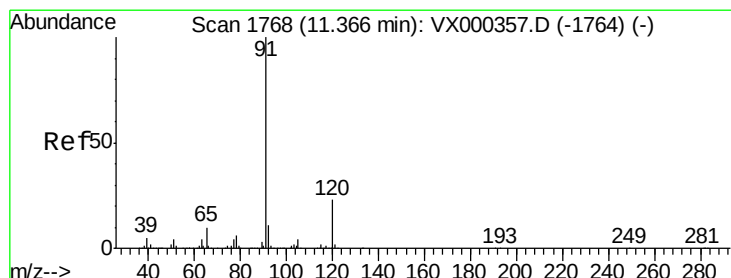
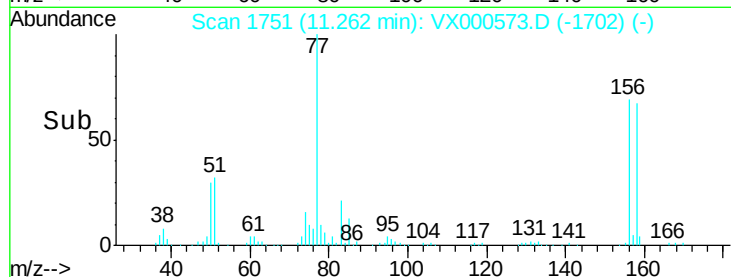
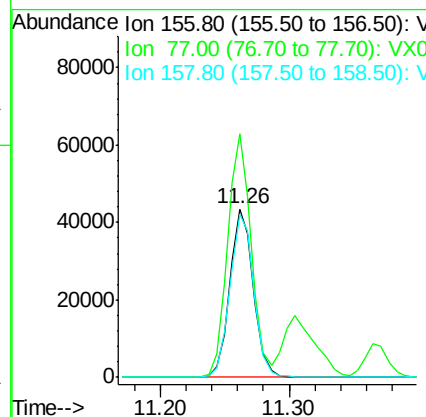
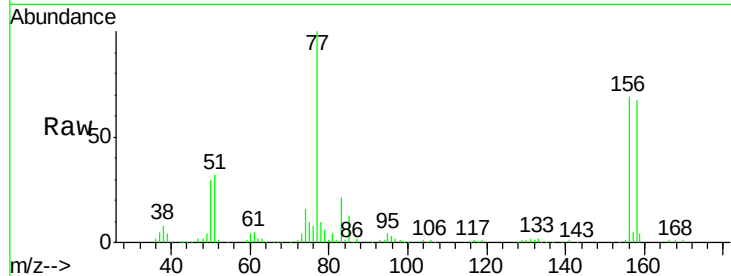
ClientSampleId :

VX0330MBSD01

Tot Ion	Ratio	Lower	Upper
156	100		
77	145.5	73.4	220.2
158	98.7	48.5	145.6

Manual Integrations
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#78

n-propylbenzene

Concen: 18.07 ug/l

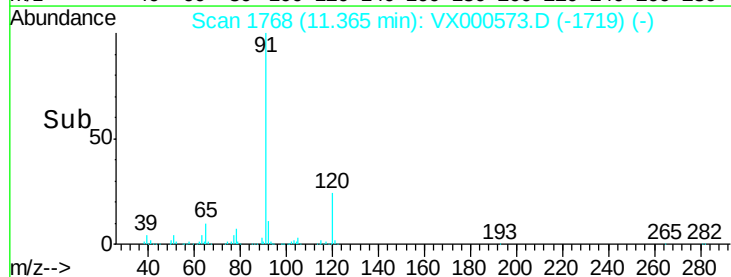
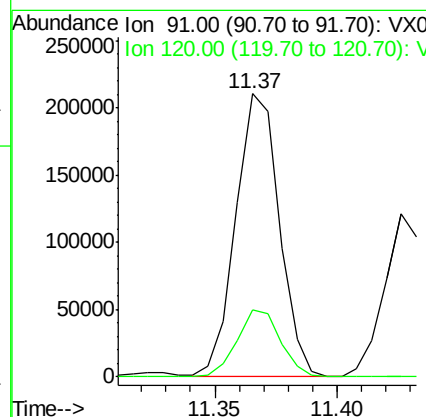
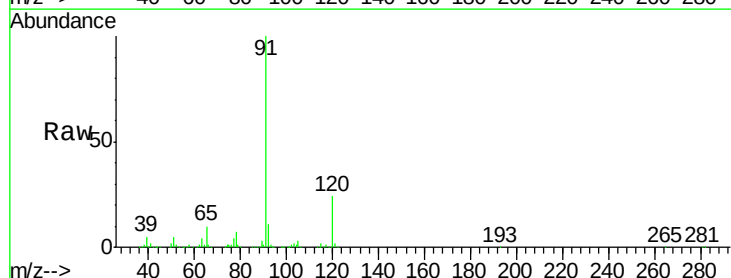
RT: 11.37 min Scan# 1768

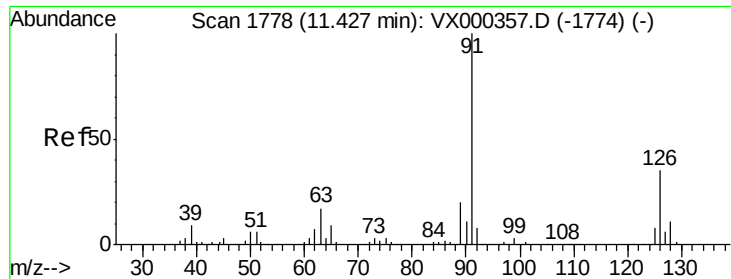
Delta R.T. -0.00 min

Lab File: VX000573.D

Acq: 30 Mar 2018 20:56

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.7	11.8	35.3





#79

2-Chlorotoluene

Concen: 17.90 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX000573.D

Acq: 30 Mar 2018 20:56

Instrument :

MSVOA_X

ClientSampled :

VX0330MBSD01

Tot Ion: 91 Resp: 148603

Ion Ratio Lower Upper

91 100

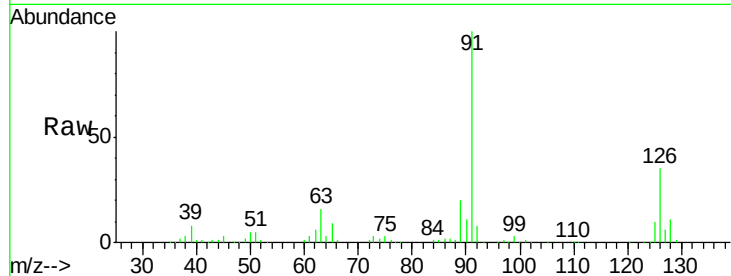
126 35.7 17.7 53.1

Manual Integrations

APPROVED

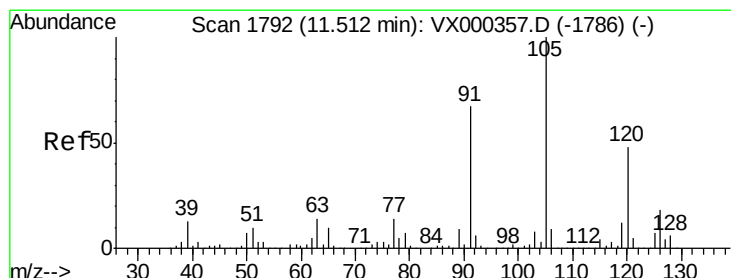
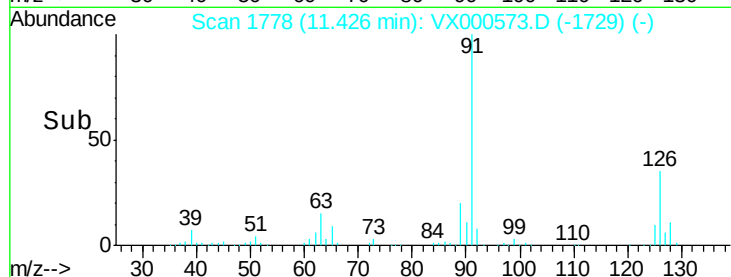
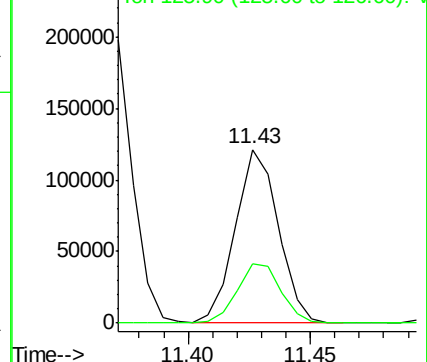
sam

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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 18.66 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX000573.D

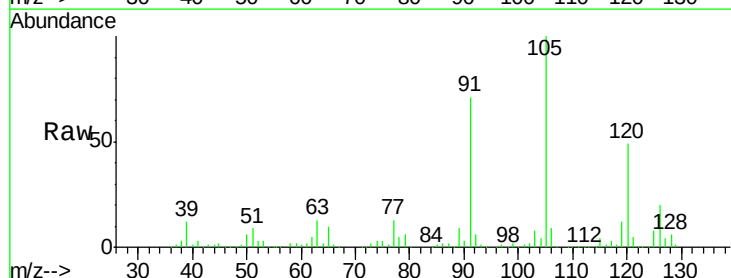
Acq: 30 Mar 2018 20:56

Tgt Ion: 105 Resp: 189100

Ion Ratio Lower Upper

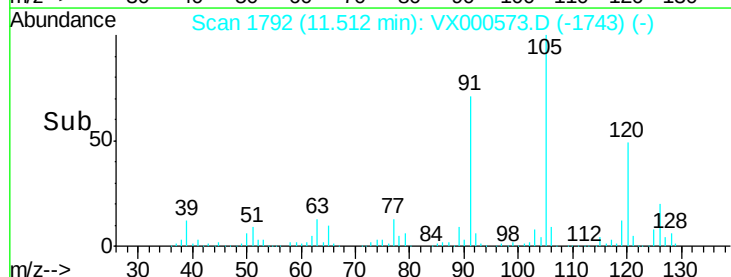
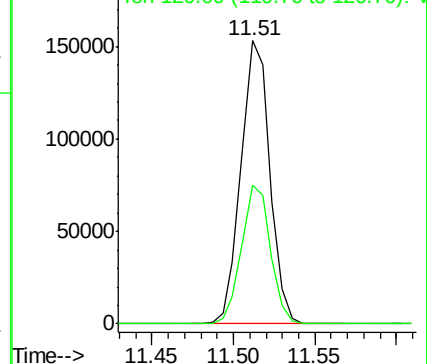
105 100

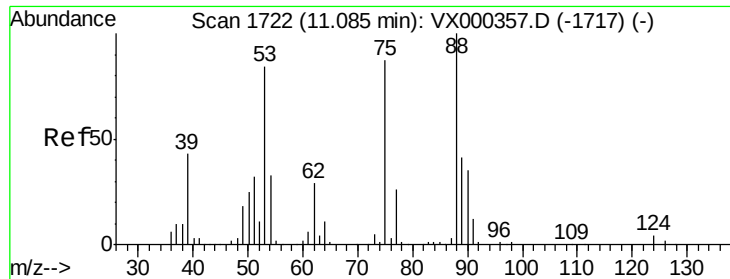
120 48.9 24.1 72.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





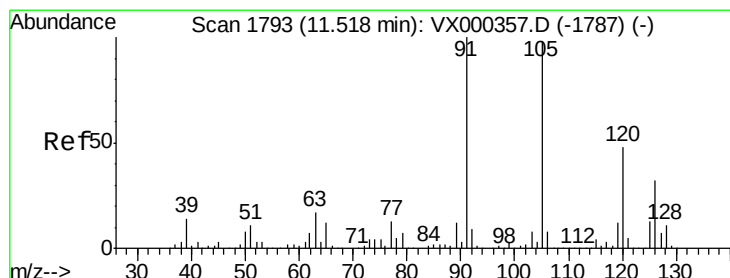
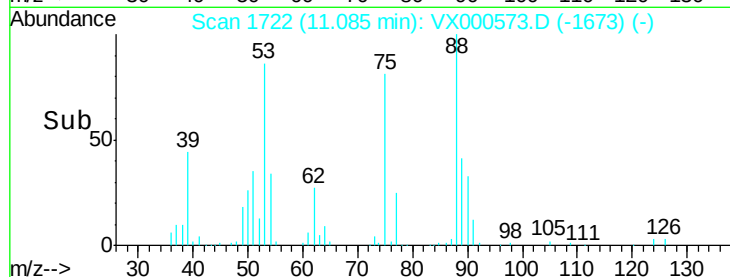
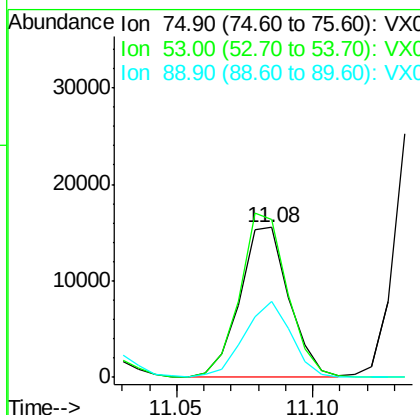
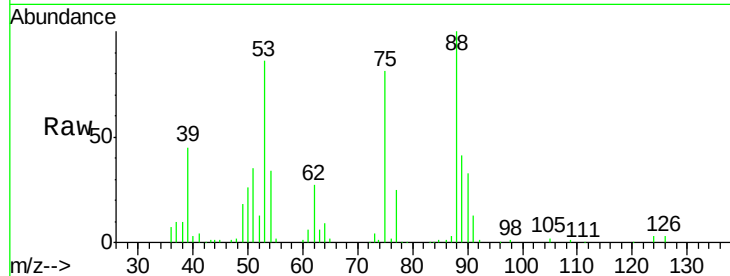
#81
trans-1,4-Dichloro-2-butene
Concen: 16.06 ug/l
RT: 11.08 min Scan# 1722
Delta R.T. -0.00 min
Lab File: VX000573.D
Acq: 30 Mar 2018 20:56

Instrument :
MSVOA_X
ClientSampleId :
VX0330MBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
53	106.4	80.7	121.1
89	48.0	39.4	59.0

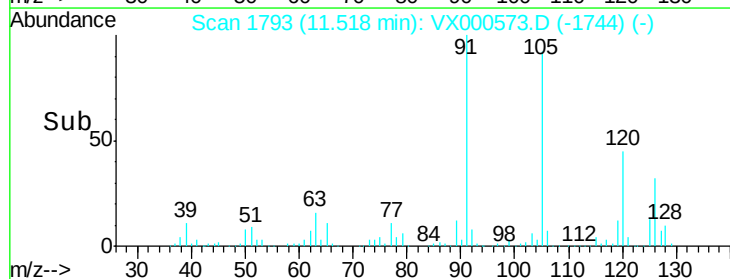
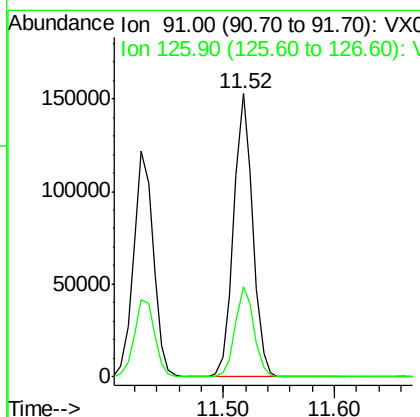
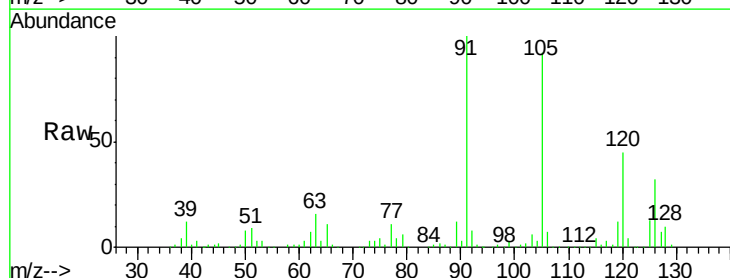
Manual Integrations
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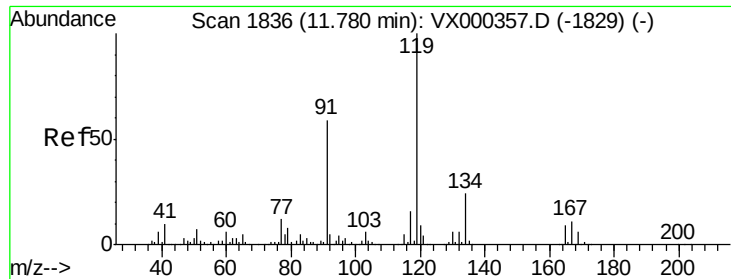
sam
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#82
4-Chlorotoluene
Concen: 18.24 ug/l
RT: 11.52 min Scan# 1793
Delta R.T. -0.00 min
Lab File: VX000573.D
Acq: 30 Mar 2018 20:56

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.3	15.4	46.1





#83

tert-Butylbenzene

Concen: 18.50 ug/l

RT: 11.78 min Scan# 1836

Delta R.T. -0.00 min

Lab File: VX000573.D

Acq: 30 Mar 2018 20:56

Instrument :

MSVOA_X

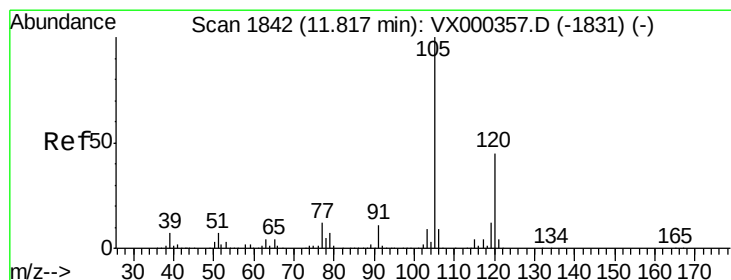
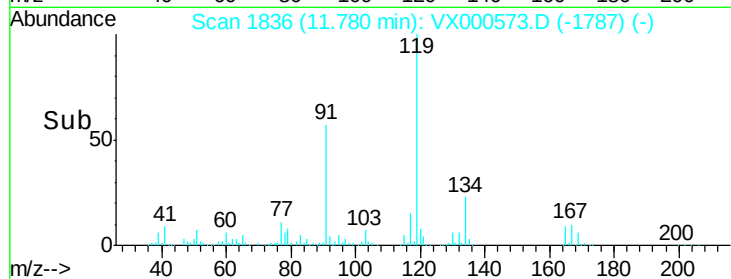
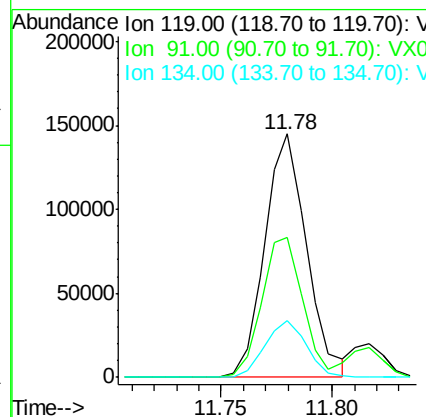
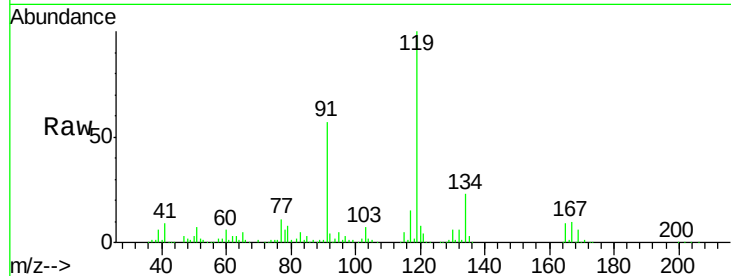
ClientSampled :

VX0330MBSD01

Tot Ion:	119	Resp:	189017
Ion Ratio	Lower	Upper	
119	100		
91	56.3	28.8	86.4
134	23.0	11.4	34.1

Manual Integrations
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#84

1,2,4-Trimethylbenzene

Concen: 18.62 ug/l

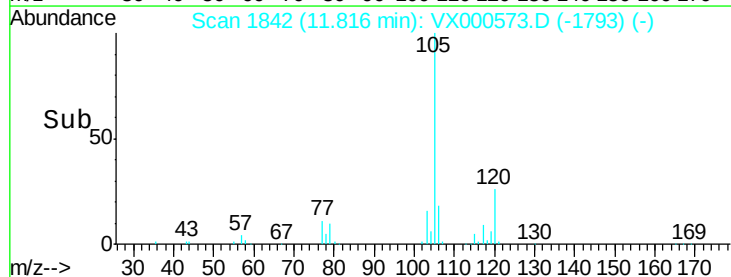
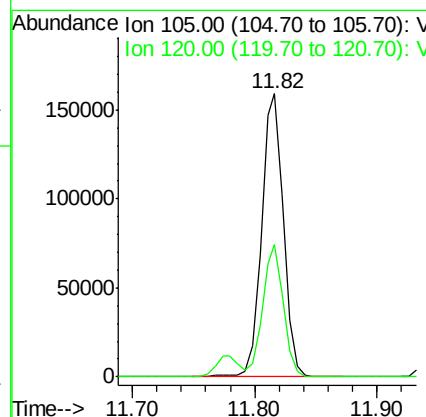
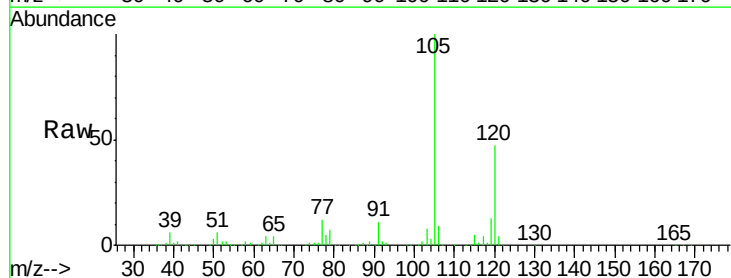
RT: 11.82 min Scan# 1842

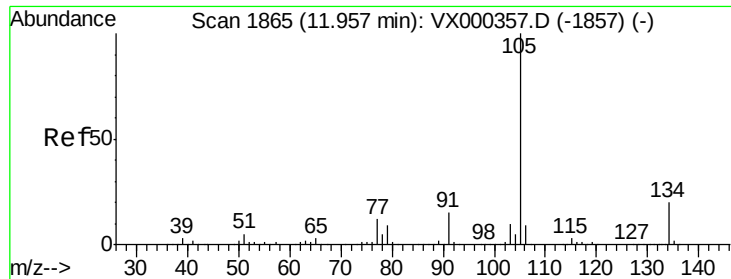
Delta R.T. -0.00 min

Lab File: VX000573.D

Acq: 30 Mar 2018 20:56

Tgt Ion:	105	Resp:	197809
Ion Ratio	Lower	Upper	
105	100		
120	44.4	22.4	67.3





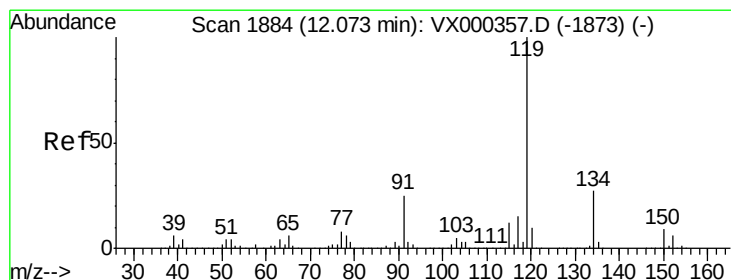
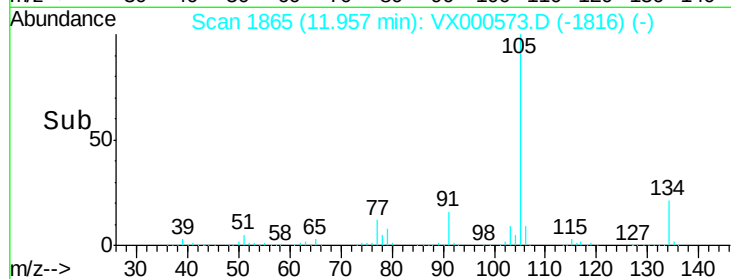
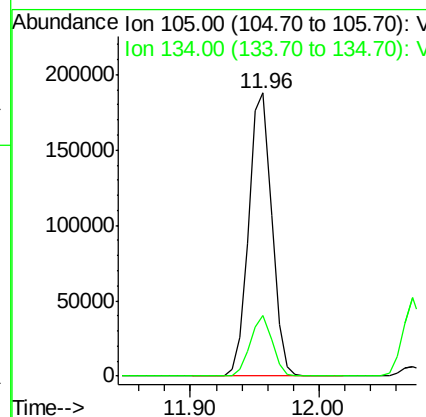
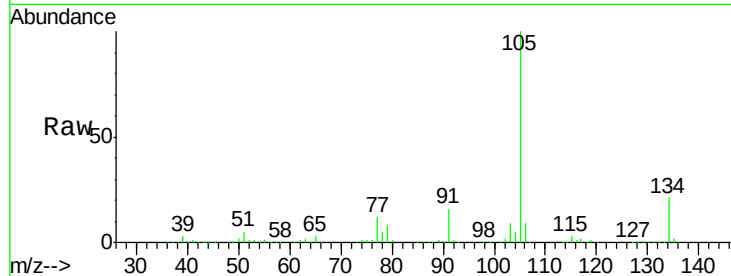
#85
 sec-Butylbenzene
 Concen: 18.30 ug/l
 RT: 11.96 min Scan# 1865
 Delta R.T. -0.00 min
 Lab File: VX000573.D
 Acq: 30 Mar 2018 20:56

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0330MBSD01

Tot Ion:105 Resp: 231422
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.3 30.8

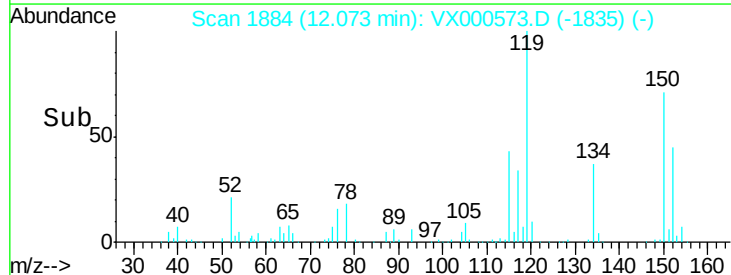
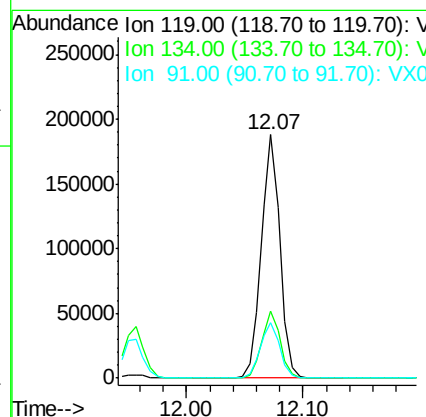
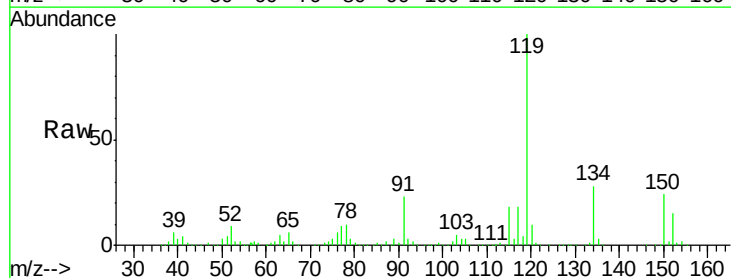
Manual Integrations
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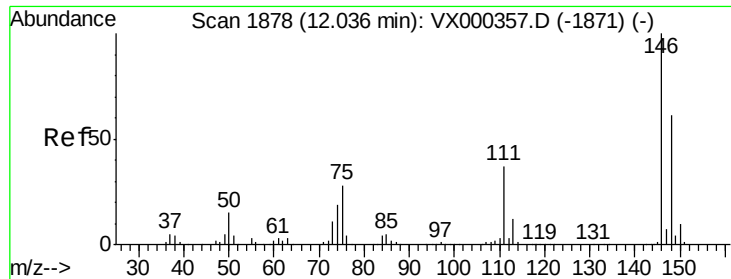
sam
 4/4/2018 6:11:26 PM



#86
 p-Isopropyltoluene
 Concen: 18.61 ug/l
 RT: 12.07 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VX000573.D
 Acq: 30 Mar 2018 20:56

Tgt Ion:119 Resp: 209017
 Ion Ratio Lower Upper
 119 100
 134 27.4 13.3 39.9
 91 23.8 12.0 36.1





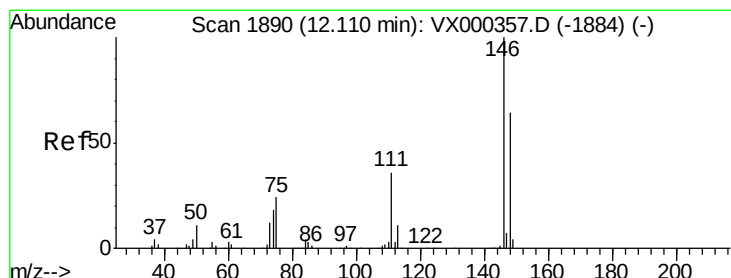
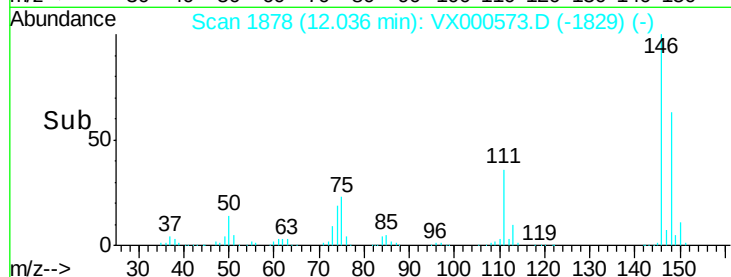
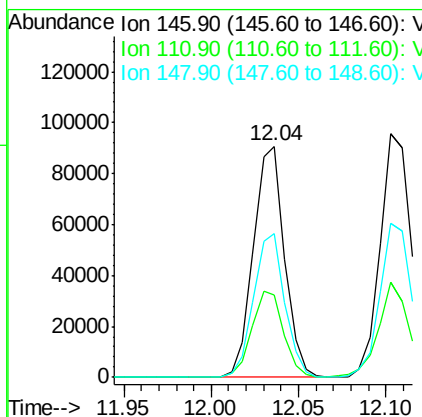
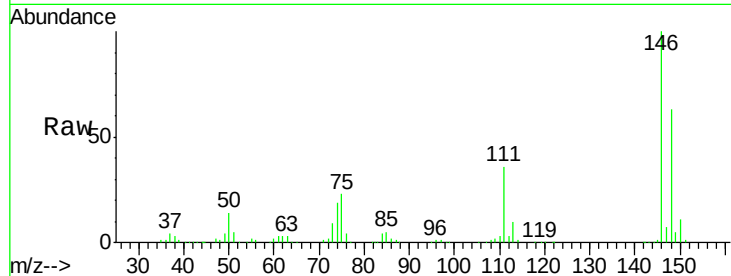
#87
 1,3-Dichlorobenzene
 Concen: 18.51 ug/l
 RT: 12.04 min Scan# 1878
 Delta R.T. -0.00 min
 Lab File: VX000573.D
 Acq: 30 Mar 2018 20:56

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0330MBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.0	19.5	58.5
148	62.4	32.4	97.0

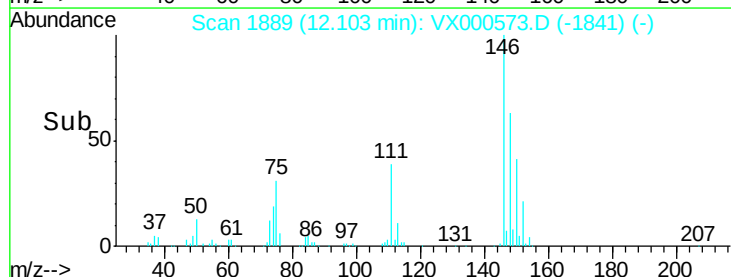
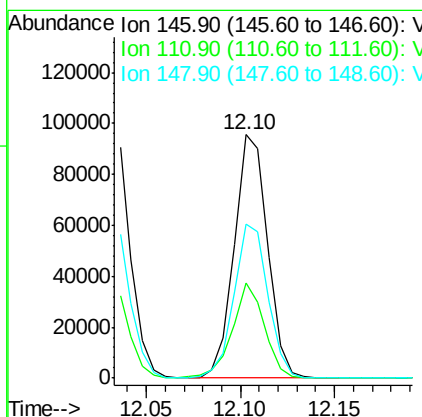
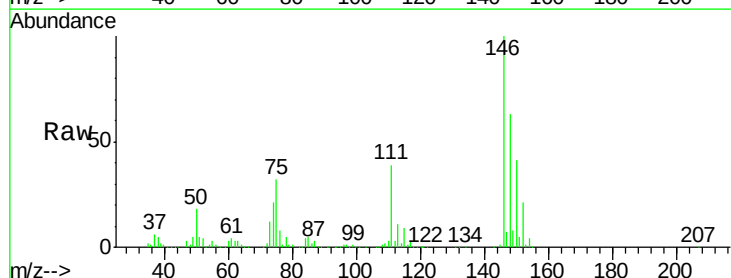
Manual Integrations
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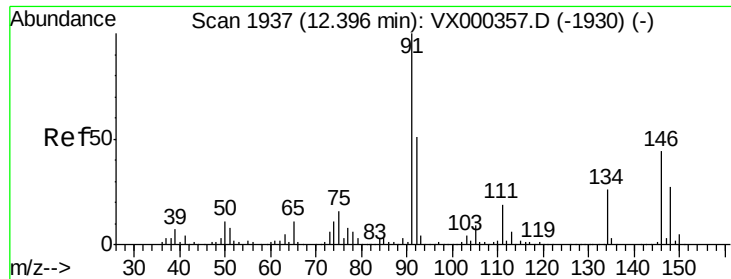
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#88
 1,4-Dichlorobenzene
 Concen: 18.43 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.01 min
 Lab File: VX000573.D
 Acq: 30 Mar 2018 20:56

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.9	18.9	56.9
148	64.7	31.0	93.0





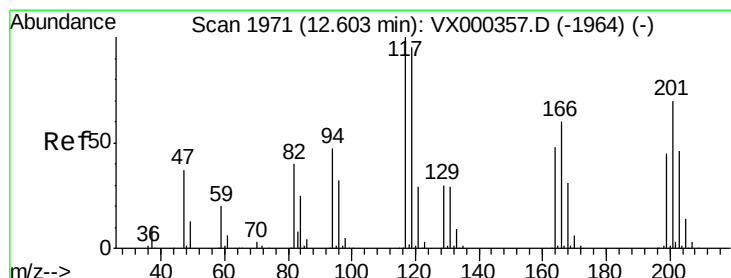
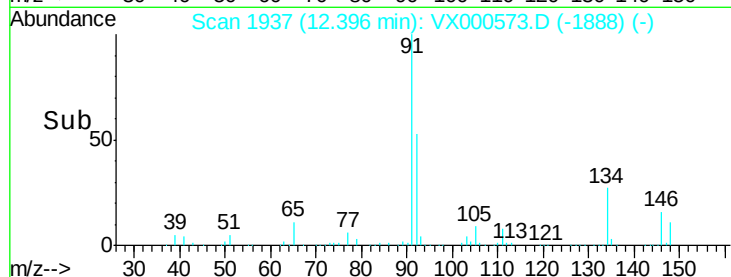
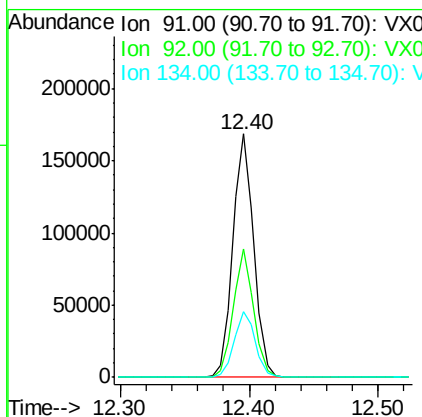
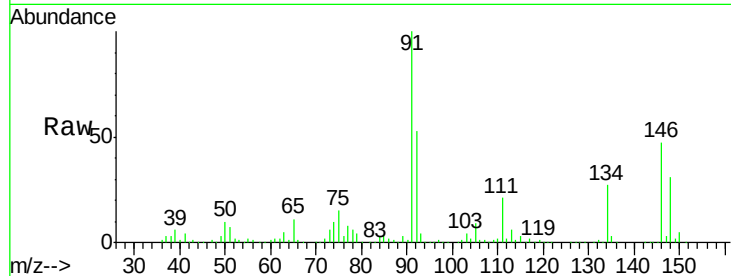
#89
n-Butylbenzene
Concen: 18.25 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VX000573.D
Acq: 30 Mar 2018 20:56

Instrument :
MSVOA_X
ClientSampleId :
VX0330MBSD01

Tot Ion	Ratio	Resp	Lower	Upper
91	100	190768		
92	51.2	25.9	77.8	
134	27.3	13.1	39.3	

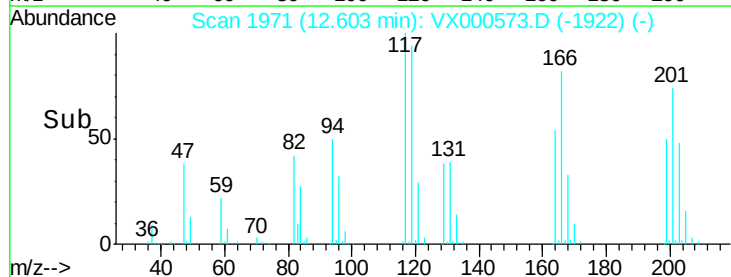
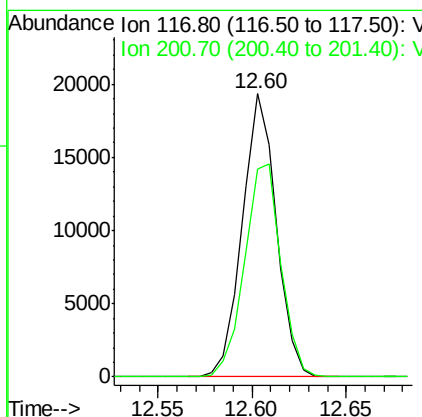
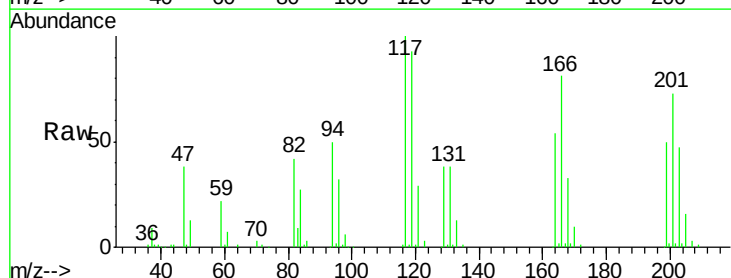
Manual Integrations
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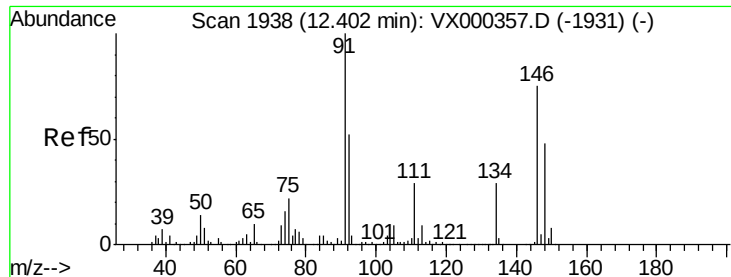
sam
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#90
Hexachloroethane
Concen: 13.67 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. -0.00 min
Lab File: VX000573.D
Acq: 30 Mar 2018 20:56

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	24156		
201	80.6	37.9	113.6	





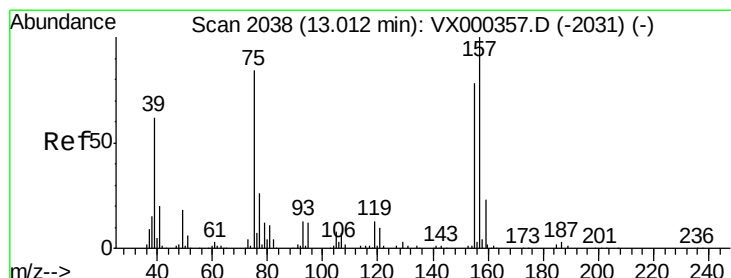
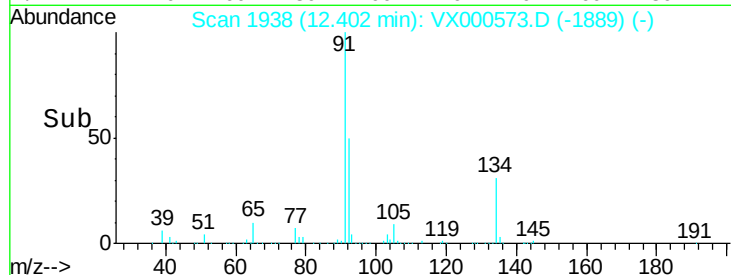
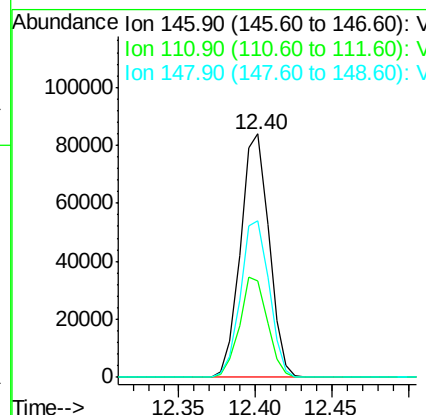
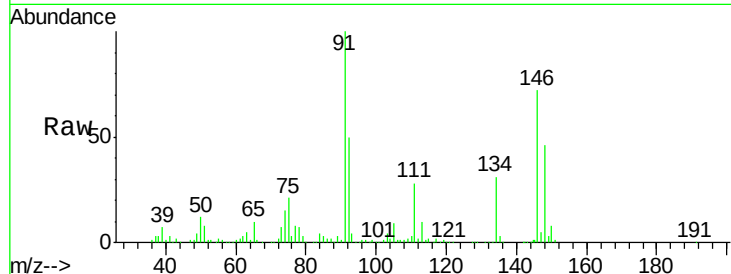
#91
 1,2-Dichlorobenzene
 Concen: 18.28 ug/l
 RT: 12.40 min Scan# 1938
 Delta R.T. -0.00 min
 Lab File: VX000573.D
 Acq: 30 Mar 2018 20:56

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0330MBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.3	20.1	60.2
148	64.5	31.2	93.6

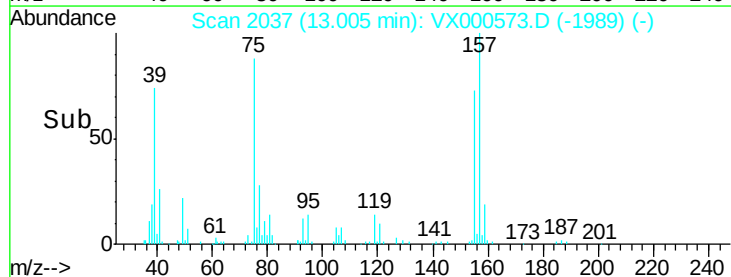
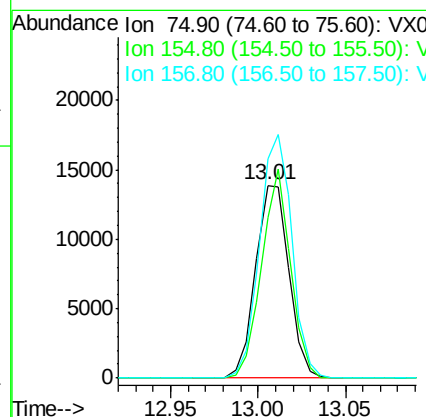
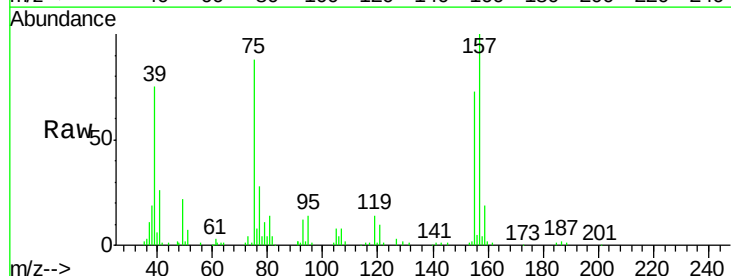
Manual Integrations
 APPROVED

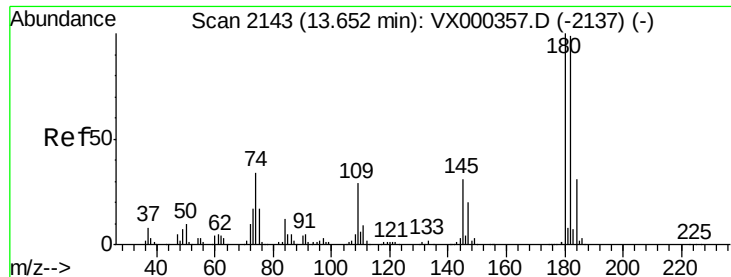
sam
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 15.64 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.01 min
 Lab File: VX000573.D
 Acq: 30 Mar 2018 20:56

Tgt Ion	Ratio	Lower	Upper
75	100		
155	93.8	45.0	134.8
157	122.3	58.1	174.2





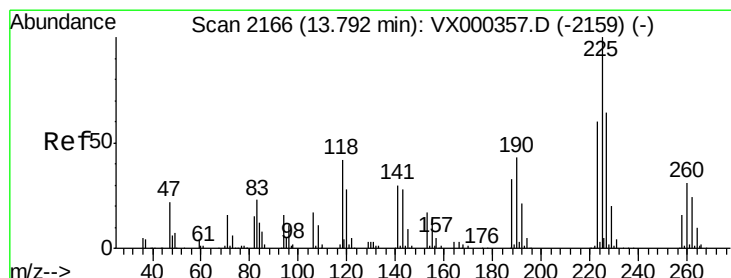
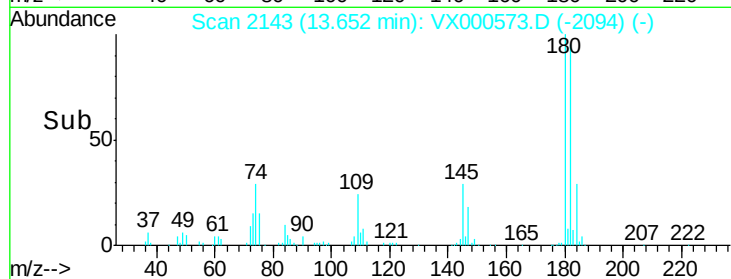
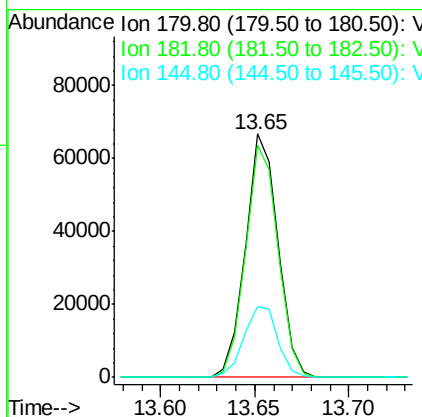
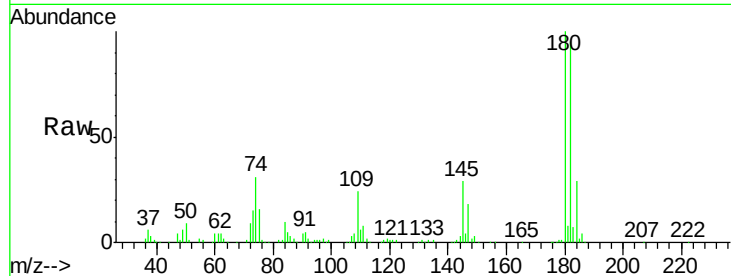
#93
 1,2,4-Trichlorobenzene
 Concen: 18.66 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX000573.D
 Acq: 30 Mar 2018 20:56

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0330MBSD01

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.4	47.6	142.9
145	30.5	15.1	45.3

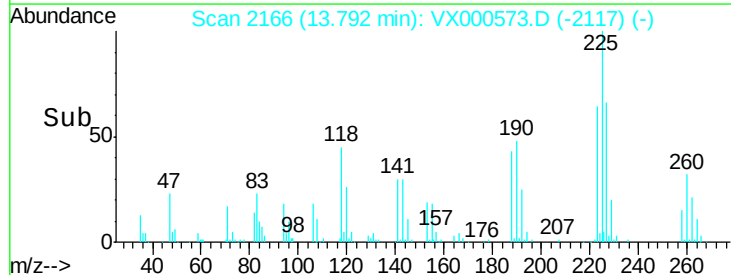
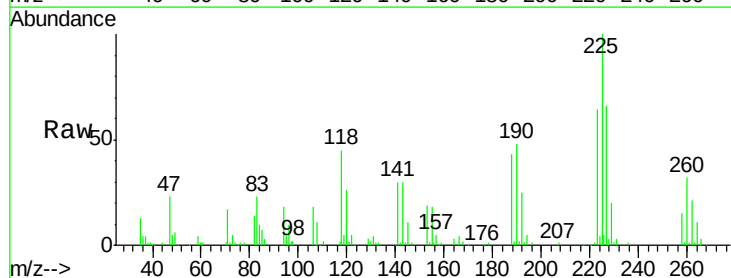
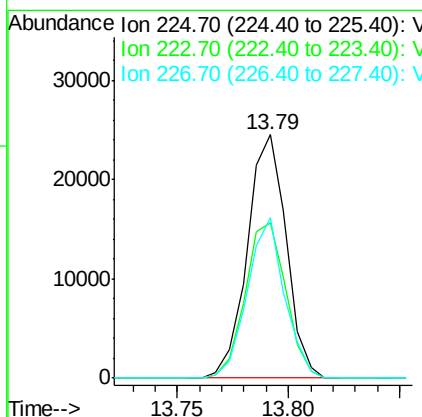
Manual Integrations
 APPROVED

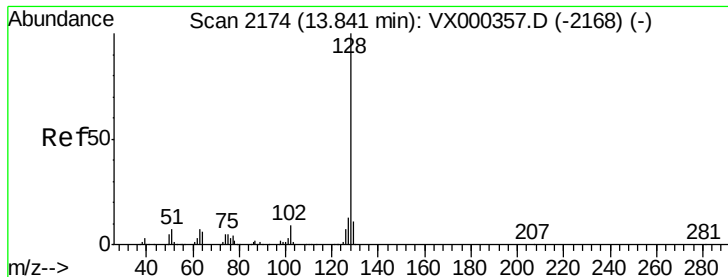
sam
 4/4/2018 6:11:26 PM



#94
 Hexachlorobutadiene
 Concen: 16.89 ug/l
 RT: 13.79 min Scan# 2166
 Delta R.T. -0.00 min
 Lab File: VX000573.D
 Acq: 30 Mar 2018 20:56

Tgt Ion	Ratio	Lower	Upper
225	100		
223	67.1	32.0	96.0
227	63.0	32.6	98.0





#95

Naphthalene

Concen: 18.87 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX000573.D

Acq: 30 Mar 2018 20:56

Instrument :

MSVOA_X

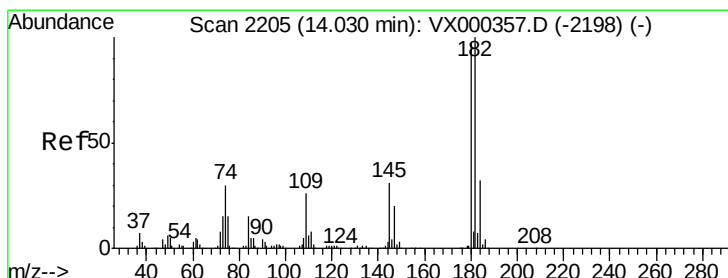
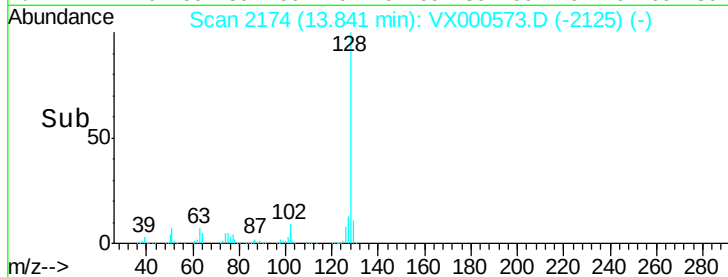
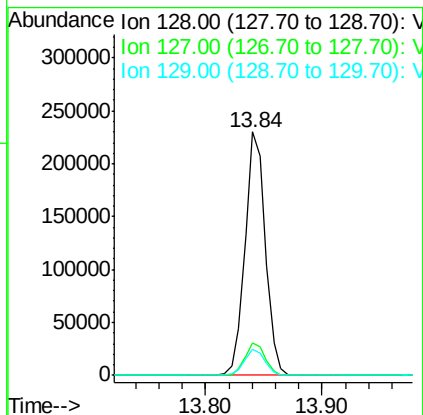
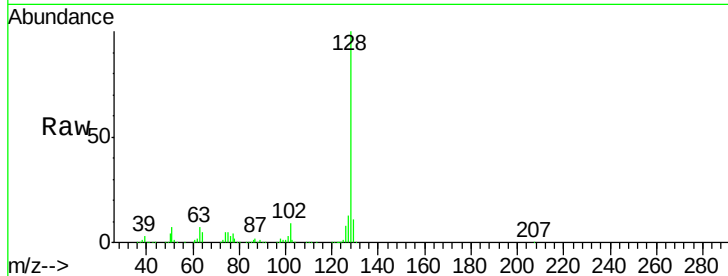
ClientSampleId :

VX0330MBSD01

Tot Ion:	128	Resp:	280413
Ion Ratio	Lower	Upper	
128	100		
127	13.3	10.6	15.8
129	10.8	8.9	13.3

Manual Integrations
APPROVED

sam
4/4/2018 6:11:26 PM



#96

1,2,3-Trichlorobenzene

Concen: 19.00 ug/l

RT: 14.03 min Scan# 2205

Delta R.T. -0.00 min

Lab File: VX000573.D

Acq: 30 Mar 2018 20:56

Tgt Ion:	180	Resp:	80096
Ion Ratio	Lower	Upper	
180	100		
182	93.0	47.4	142.3
145	31.1	15.8	47.3

