

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX040818\
 Data File : VX000720.D
 Acq On : 08 Apr 2018 09:56
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICSVX040818

Manual Integrations
 APPROVED

sam
 4/9/2018 2:03:04 PM

Quant Time: Apr 09 06:50:00 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X040718W.M
 Quant Title : SW846 8260
 QLast Update : Sat Apr 07 17:01:21 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	348611	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	471194	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	437161	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	265326	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	179256	44.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.94%	
35) Dibromofluoromethane	5.51	113	150486	49.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.82%	
50) Toluene-d8	8.72	98	560210	48.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.08%	
62) 4-Bromofluorobenzene	11.15	95	228253	47.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.22%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	156053	49.70	ug/l	99
3) Chloromethane	1.32	50	125247	50.18	ug/l	97
4) Vinyl Chloride	1.41	62	131634	46.40	ug/l	99
5) Bromomethane	1.64	94	85203	60.75	ug/l	99
6) Chloroethane	1.73	64	80353	46.16	ug/l	100
7) Trichlorofluoromethane	1.93	101	220157	47.39	ug/l	98
8) Diethyl Ether	2.19	74	79584	49.67	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	133959	49.23	ug/l	99
10) Methyl Iodide	2.51	142	130309	45.06	ug/l	99
11) Tert butyl alcohol	3.06	59	144552	213.08	ug/l	99
12) 1,1-Dichloroethene	2.38	96	114638	46.92	ug/l	99
13) Acrolein	2.29	56	60978	205.38	ug/l	98
14) Allyl chloride	2.73	41	225798	45.71	ug/l	100
15) Acrylonitrile	3.15	53	317656	223.41	ug/l	100
16) Acetone	2.45	43	268792	214.94	ug/l	100
17) Carbon Disulfide	2.57	76	277294	50.99	ug/l	100
18) Methyl Acetate	2.78	43	167995	45.25	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	428994	47.23	ug/l	99
20) Methylene Chloride	2.86	84	128450	47.79	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	123921	47.44	ug/l	98
22) Diisopropyl ether	3.87	45	432714	44.71	ug/l	98
23) Vinyl Acetate	3.82	43	1807401	220.52	ug/l	99
24) 1,1-Dichloroethane	3.70	63	234664	46.32	ug/l	98
25) 2-Butanone	4.71	43	459968	210.24	ug/l	96
26) 2,2-Dichloropropane	4.59	77	244641	47.44	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	154872	46.38	ug/l	99
28) Bromochloromethane	5.03	49	108153	54.27	ug/l	98
29) Tetrahydrofuran	5.17	42	292737	210.27	ug/l	98
30) Chloroform	5.22	83	261047	47.40	ug/l	100
31) Cyclohexane	5.58	56	203021	50.59	ug/l	97
32) 1,1,1-Trichloroethane	5.50	97	246026	46.87	ug/l	99
36) 1,1-Dichloropropene	5.81	75	191928	47.56	ug/l	100
37) Ethyl Acetate	4.87	43	184216	42.29	ug/l	99
38) Carbon Tetrachloride	5.79	117	226346	47.87	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	226251	53.10	ug/l	96
40) Benzene	6.15	78	544050	47.93	ug/l	99
41) Methacrylonitrile	5.06	41	111729	44.27	ug/l	98
42) 1,2-Dichloroethane	6.20	62	207894	46.43	ug/l	99
43) Isopropyl Acetate	6.47	43	337961	44.55	ug/l	99
44) Trichloroethene	7.22	130	172331	49.96	ug/l	98
45) 1,2-Dichloropropane	7.52	63	145396	47.77	ug/l	98
46) Dibromomethane	7.67	93	98121	46.45	ug/l	97
47) Bromodichloromethane	7.90	83	210603	48.18	ug/l	100
48) Methyl methacrylate	7.78	41	173784	45.53	ug/l	99
49) 1,4-Dioxane	7.76	88	65857	869.42	ug/l	98
51) 4-Methyl-2-Pentanone	8.66	43	978056	222.54	ug/l	99
52) Toluene	8.79	92	365522	48.30	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	253412	48.72	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	251302	48.66	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	148214	48.15	ug/l	99
56) Ethyl methacrylate	9.19	69	230994	47.06	ug/l	99
57) 1,3-Dichloropropane	9.38	76	240615	47.78	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	542208	235.85	ug/l	99
59) 2-Hexanone	9.51	43	736383	219.53	ug/l	99
60) Dibromochloromethane	9.59	129	188835	49.18	ug/l	100
61) 1,2-Dibromoethane	9.68	107	154526	46.74	ug/l	98
64) Tetrachloroethene	9.34	164	170299	49.69	ug/l	99
65) Chlorobenzene	10.15	112	438243	48.70	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	171814	48.90	ug/l	100
67) Ethyl Benzene	10.26	91	733347	48.59	ug/l	100
68) m/p-Xylenes	10.37	106	580028	98.22	ug/l	100
69) o-Xylene	10.71	106	279065	48.16	ug/l	100
70) Styrene	10.72	104	482762	49.31	ug/l	99
71) Bromoform	10.87	173	164309	49.39	ug/l #	98
73) Isopropylbenzene	11.02	105	775542	48.90	ug/l	100
74) N-amyl acetate	6.47	43	337961	43.78	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	214509	45.50	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	204662m	45.34	ug/l	
77) Bromobenzene	11.26	156	218899	48.66	ug/l	99
78) n-propylbenzene	11.37	91	885225	48.64	ug/l	100
79) 2-Chlorotoluene	11.43	91	519760	47.88	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	666046	48.48	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	78887	45.50	ug/l #	87
82) 4-Chlorotoluene	11.52	91	626953	48.21	ug/l	100
83) tert-Butylbenzene	11.78	119	692380	49.16	ug/l	99
84) 1,2,4-Trimethylbenzene	11.82	105	685937	48.22	ug/l	99
85) sec-Butylbenzene	11.95	105	812336	49.29	ug/l	100
86) p-Isopropyltoluene	12.07	119	761494	49.42	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	415897	49.34	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	423279	48.99	ug/l	100
89) n-Butylbenzene	12.40	91	686469	49.87	ug/l	100
90) Hexachloroethane	12.60	117	138191	49.39	ug/l	97
91) 1,2-Dichlorobenzene	12.40	146	401061	48.75	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	53464	43.15	ug/l	96

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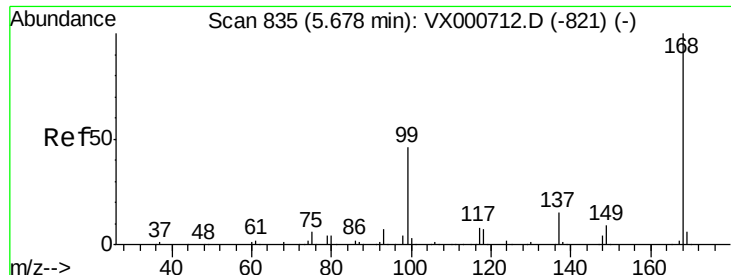
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	350222	50.03	ug/l	100
94) Hexachlorobutadiene	13.79	225	178608	51.81	ug/l	99
95) Naphthalene	13.84	128	868477	47.38	ug/l	100
96) 1,2,3-Trichlorobenzene	14.03	180	335773	49.71	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.01 min

Lab File: VX000720.D

Acq: 08 Apr 2018 09:56

Instrument :

MSVOA_X

ClientSampled :

ICVVX040818

Tot Ion:168 Resp: 348611

Ion Ratio Lower Upper

168 100

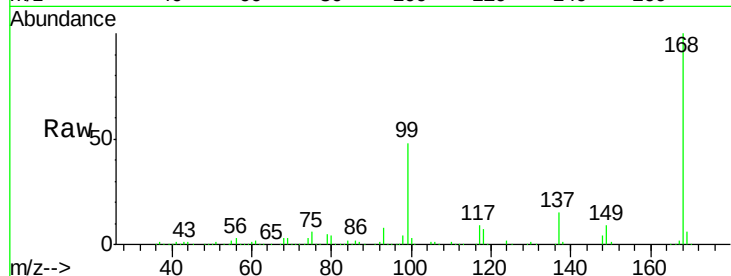
99 48.3 37.2 55.8

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

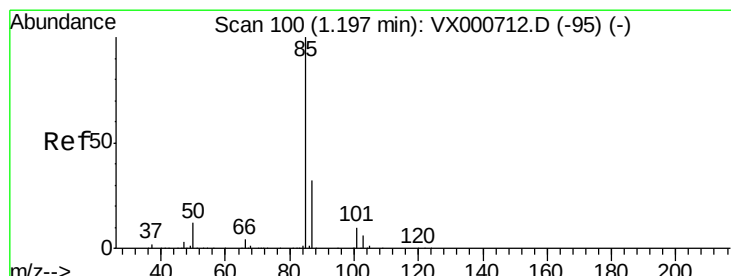
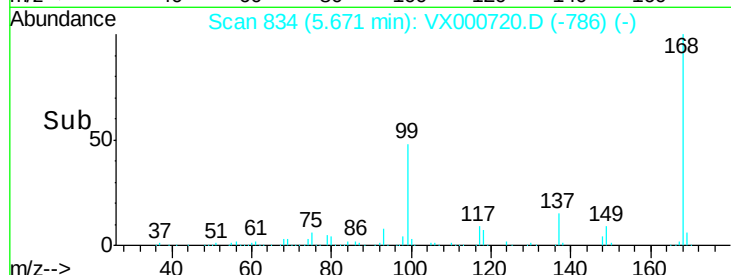
5.67

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 49.70 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX000720.D

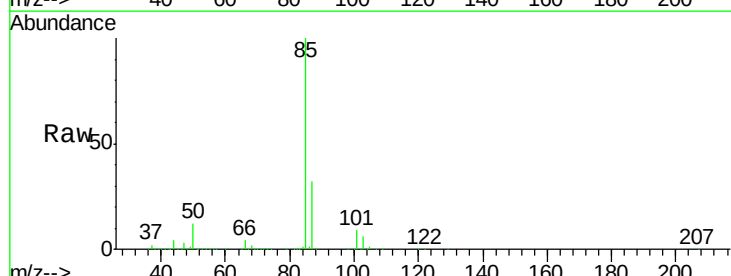
Acq: 08 Apr 2018 09:56

Tgt Ion: 85 Resp: 156053

Ion Ratio Lower Upper

85 100

87 32.0 16.2 48.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

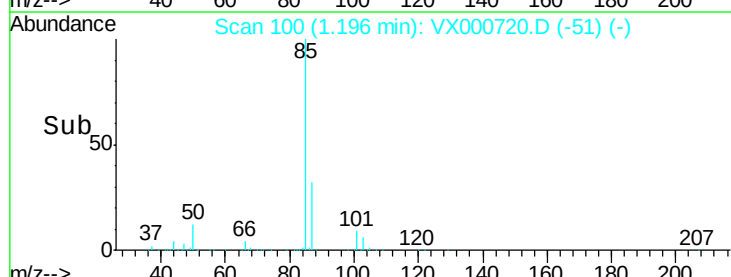
150000

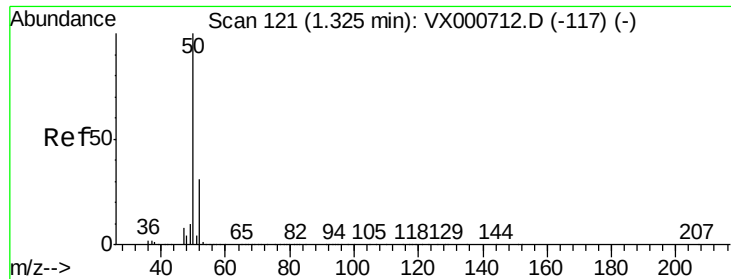
100000

50000

0

Time-->





#3

Chloromethane

Concen: 50.18 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX000720.D

Acq: 08 Apr 2018 09:56

Instrument :

MSVOA_X

ClientSampled :

ICVVX040818

Tot Ion: 50 Resp: 125247

Ion Ratio Lower Upper

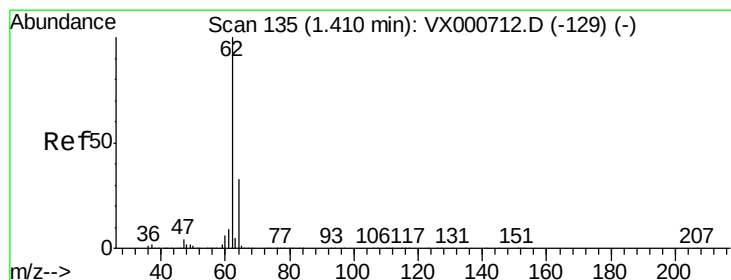
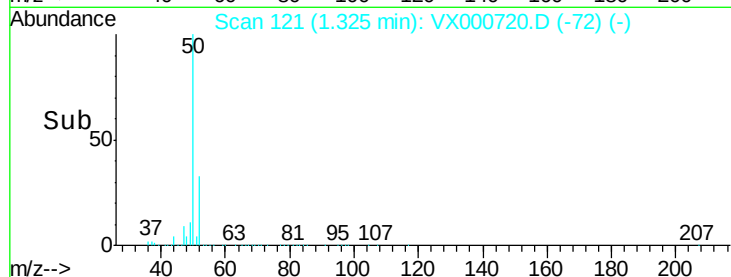
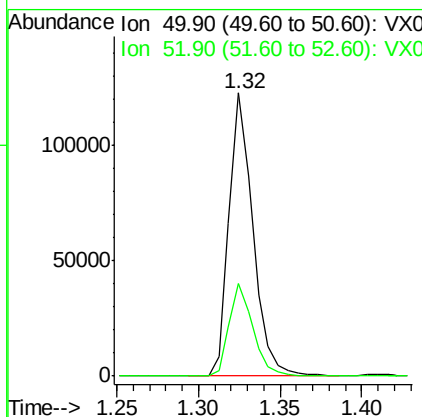
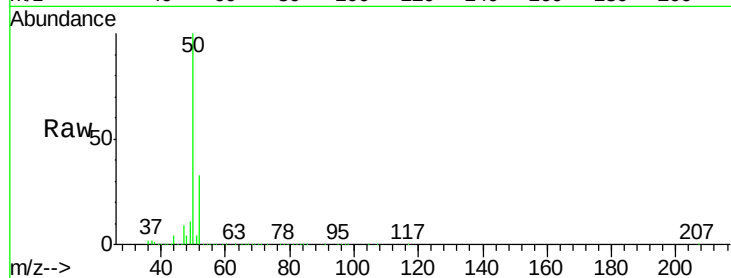
50 100

52 32.7 24.9 37.3

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#4

Vinyl Chloride

Concen: 46.40 ug/l

RT: 1.41 min Scan# 135

Delta R.T. -0.00 min

Lab File: VX000720.D

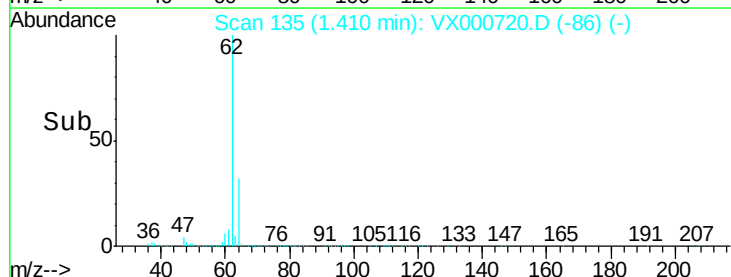
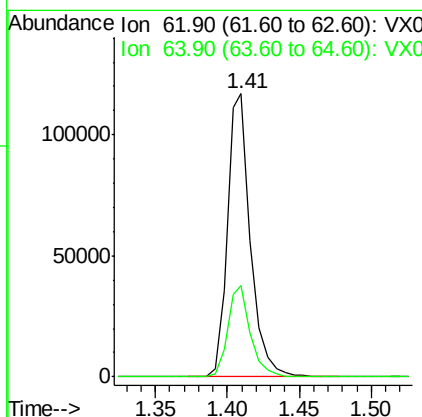
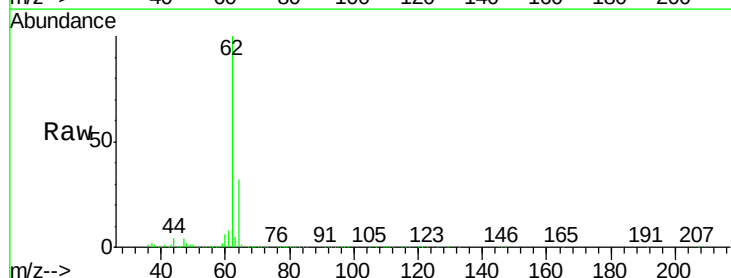
Acq: 08 Apr 2018 09:56

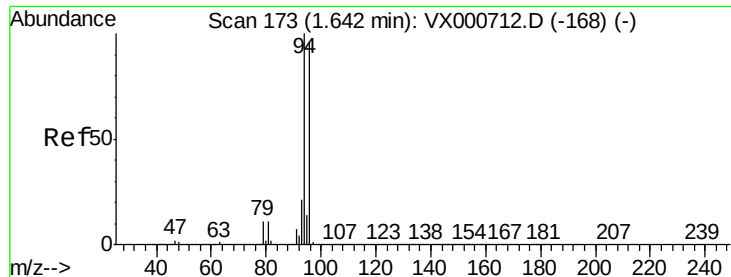
Tgt Ion: 62 Resp: 131634

Ion Ratio Lower Upper

62 100

64 32.3 26.2 39.2





#5

Bromomethane

Concen: 60.75 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.00 min

Lab File: VX000720.D

Acq: 08 Apr 2018 09:56

Instrument :

MSVOA_X

ClientSampleId :

ICVVX040818

Tot Ion: 94 Resp: 85203

Ion Ratio Lower Upper

94 100

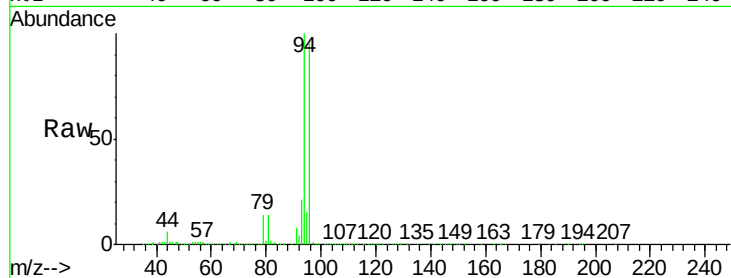
96 95.0 76.5 114.7

Manual Integrations

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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

80000

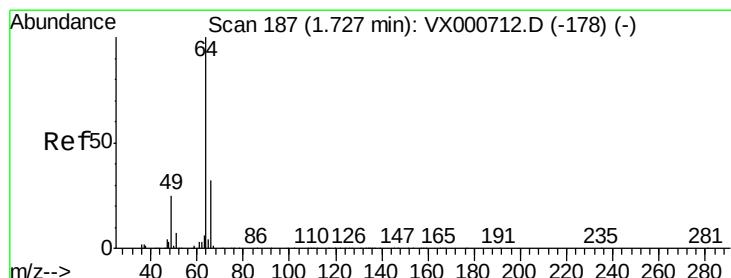
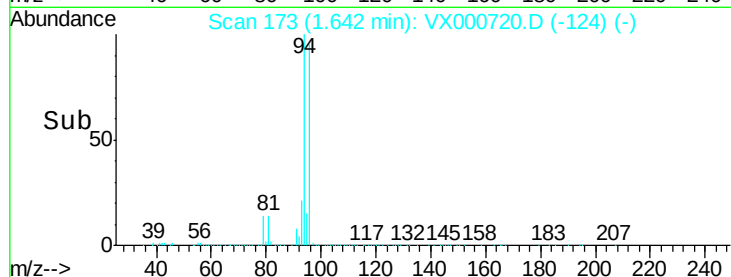
60000

40000

20000

0

Time--> 1.55 1.60 1.65 1.70 1.75



#6

Chloroethane

Concen: 46.16 ug/l

RT: 1.73 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX000720.D

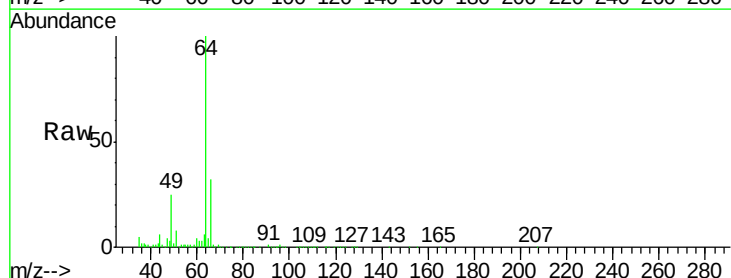
Acq: 08 Apr 2018 09:56

Tgt Ion: 64 Resp: 80353

Ion Ratio Lower Upper

64 100

66 31.8 25.4 38.2



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.73

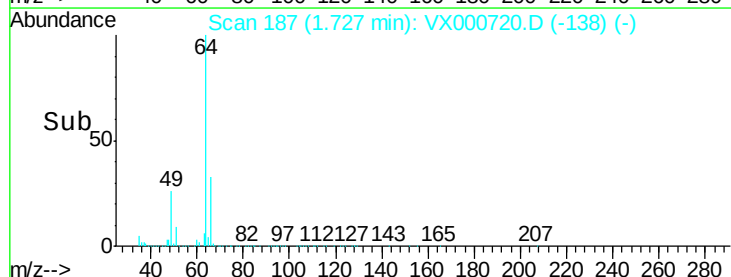
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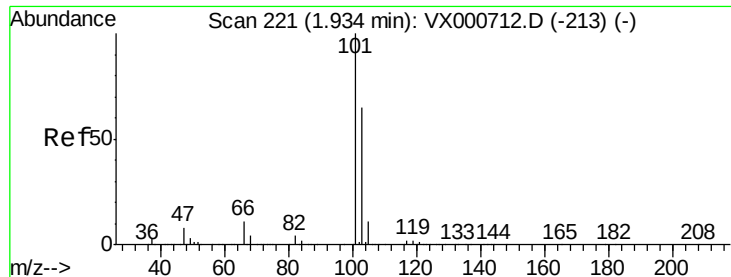
40000

20000

0

Time--> 1.70 1.80





#7

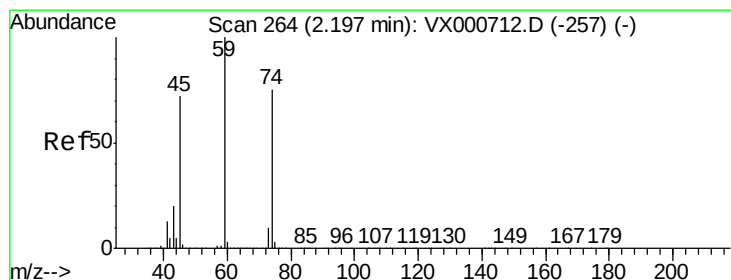
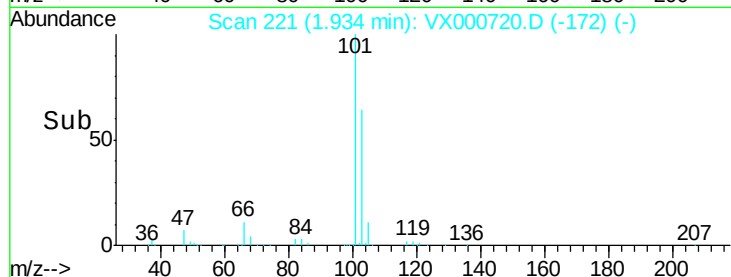
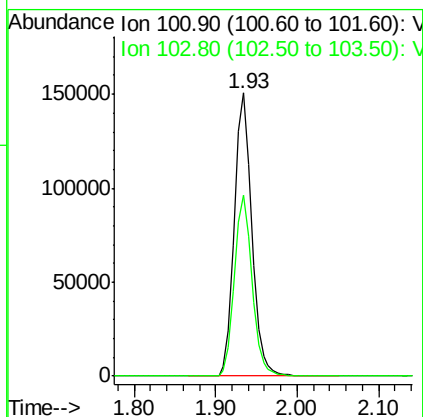
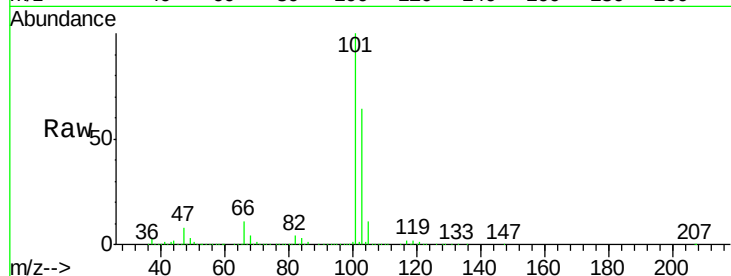
Trichlorofluoromethane
Concen: 47.39 ug/l
RT: 1.93 min Scan# 221
Delta R.T. -0.00 min
Lab File: VX000720.D
Acq: 08 Apr 2018 09:56

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Tot Ion	Ratio	Lower	Upper
101	100		
103	63.7	52.1	78.1

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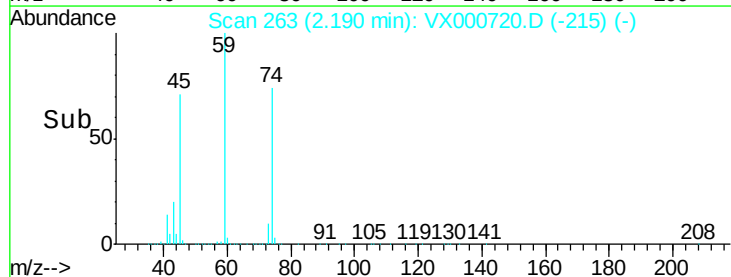
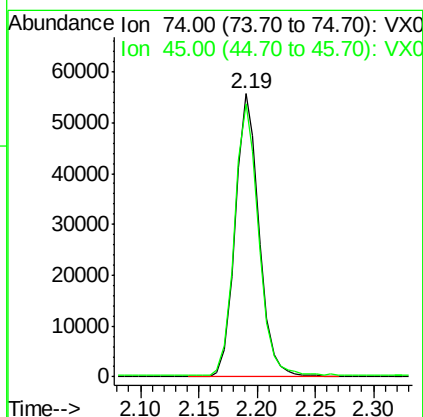
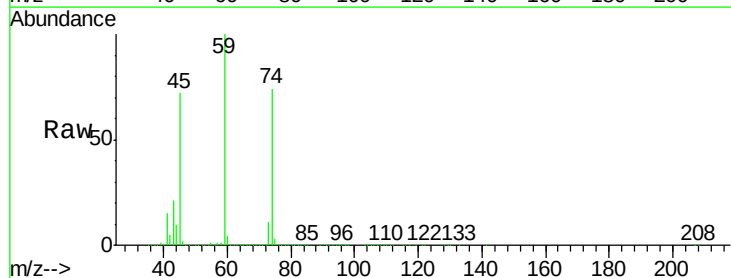
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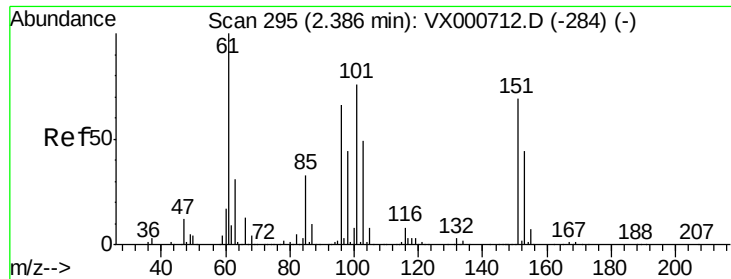


#8

Diethyl Ether
Concen: 49.67 ug/l
RT: 2.19 min Scan# 263
Delta R.T. -0.01 min
Lab File: VX000720.D
Acq: 08 Apr 2018 09:56

Tgt Ion	Ratio	Lower	Upper
74	100		
45	97.4	48.4	145.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.23 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.00 min

Lab File: VX000720.D

Acq: 08 Apr 2018 09:56

Instrument :

MSVOA_X

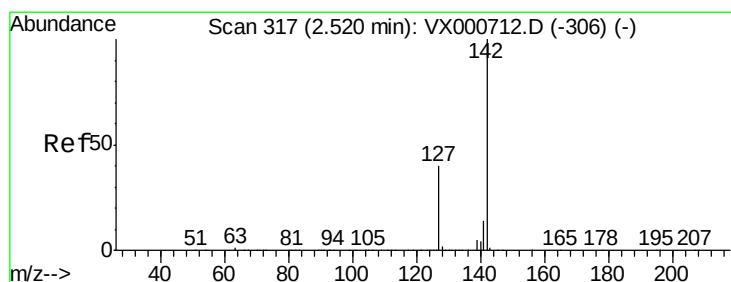
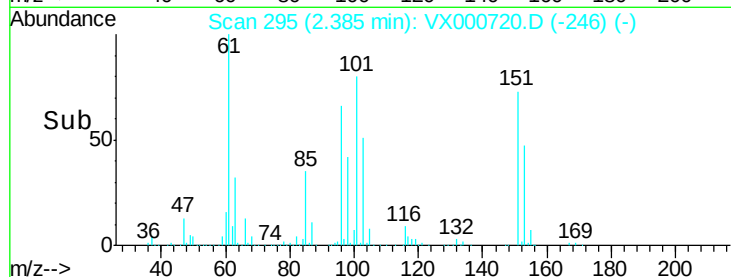
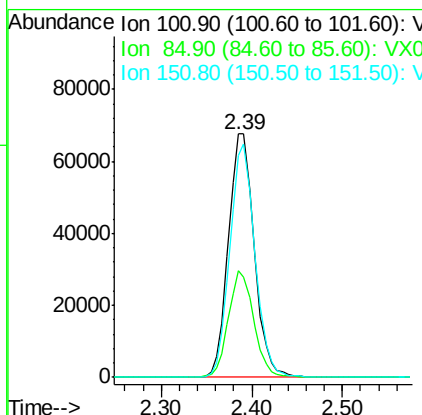
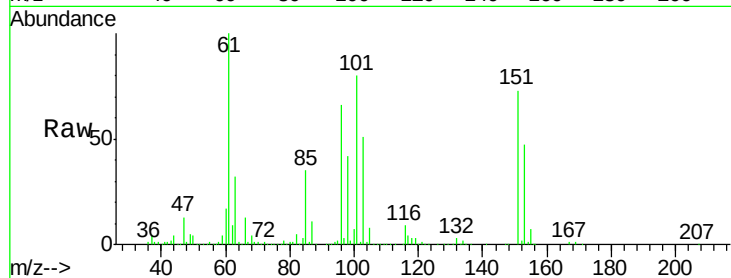
ClientSampleId :

ICVVX040818

Tot Ion:	101	Resp:	133959
Ion Ratio	Lower	Upper	
101	100		
85	42.4	34.3	51.5
151	93.2	73.8	110.8

Manual Integrations
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#10

Methyl Iodide

Concen: 45.06 ug/l

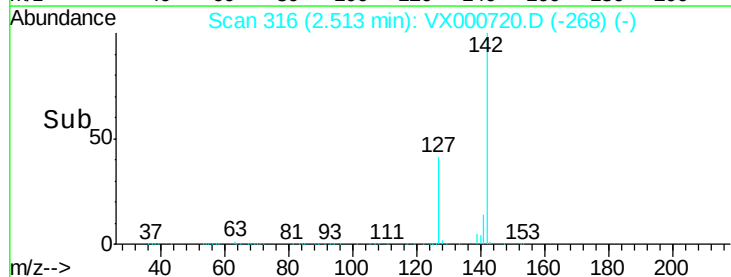
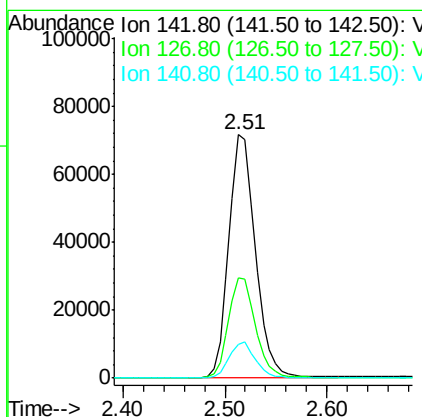
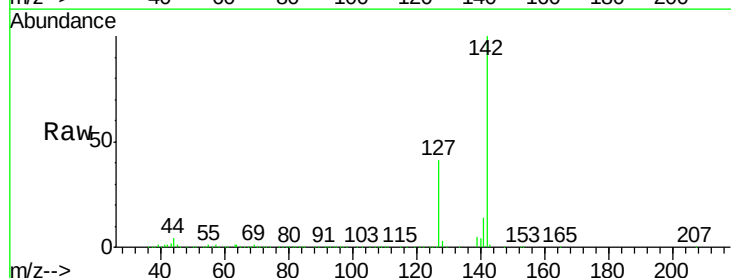
RT: 2.51 min Scan# 316

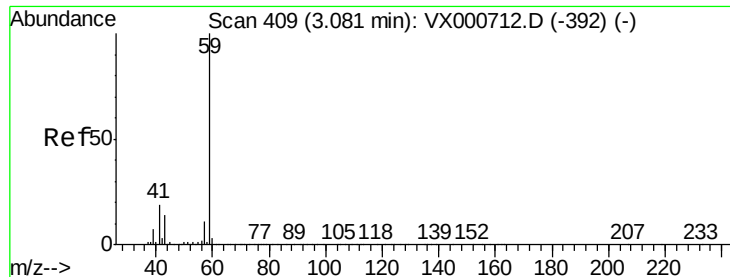
Delta R.T. -0.01 min

Lab File: VX000720.D

Acq: 08 Apr 2018 09:56

Tgt Ion:	142	Resp:	130309
Ion Ratio	Lower	Upper	
142	100		
127	41.8	33.9	50.9
141	14.9	11.4	17.0





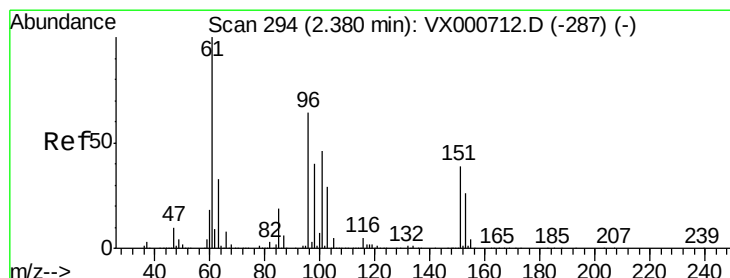
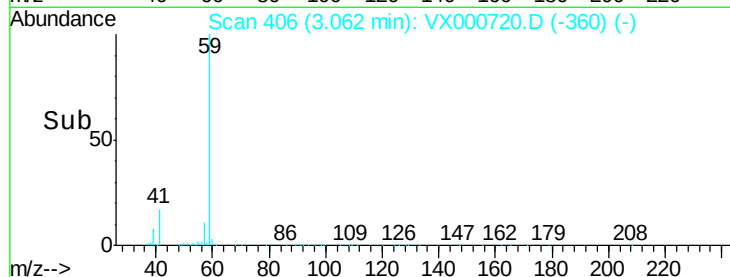
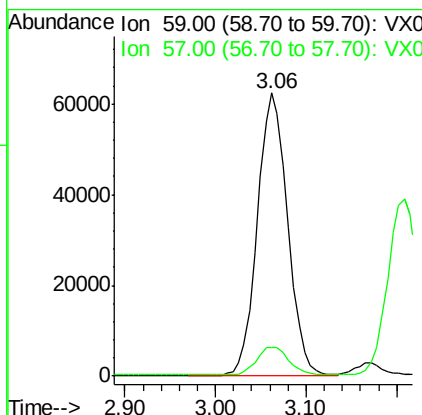
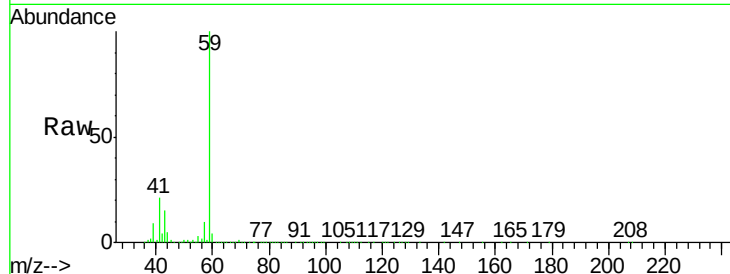
#11
Tert butyl alcohol
Concen: 213.08 ug/l
RT: 3.06 min Scan# 406
Delta R.T. -0.02 min
Lab File: VX000720.D
Acq: 08 Apr 2018 09:56

Instrument :
MSVOA_X
ClientSampleId :
ICVVX040818

Tot Ion: 59 Resp: 144552
Ion Ratio Lower Upper
59 100
57 10.2 8.4 12.6

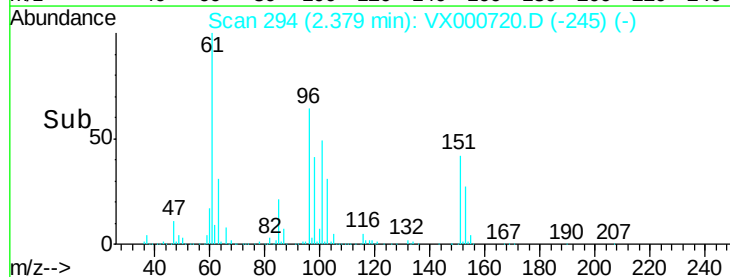
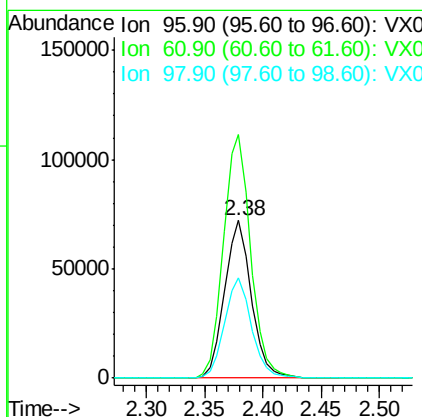
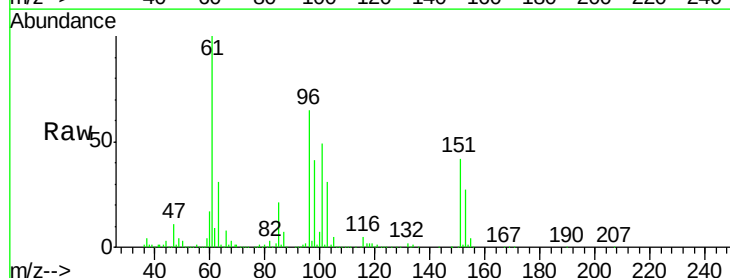
Manual Integrations
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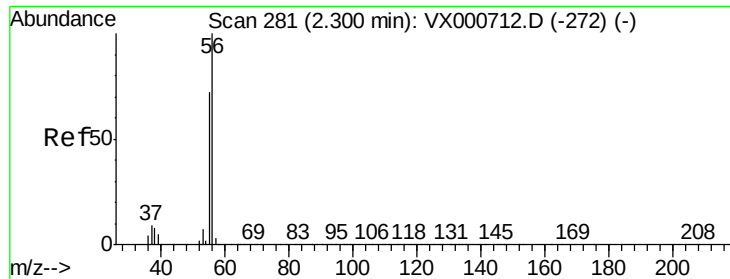
sam
4/9/2018 2:03:04 PM



#12
1,1-Dichloroethene
Concen: 46.92 ug/l
RT: 2.38 min Scan# 294
Delta R.T. -0.00 min
Lab File: VX000720.D
Acq: 08 Apr 2018 09:56

Tgt Ion: 96 Resp: 114638
Ion Ratio Lower Upper
96 100
61 154.8 125.0 187.4
98 64.0 50.5 75.7





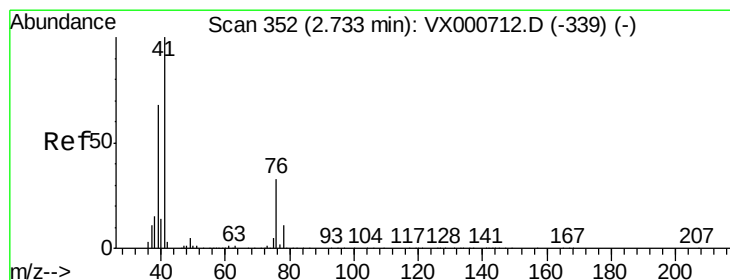
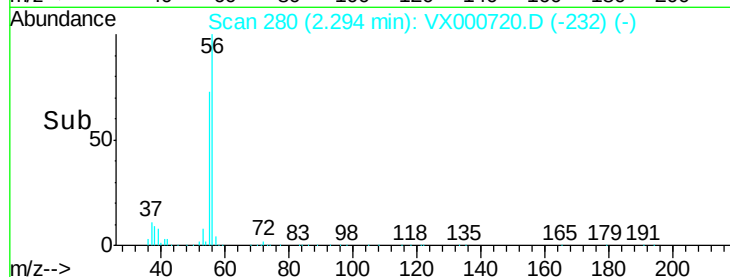
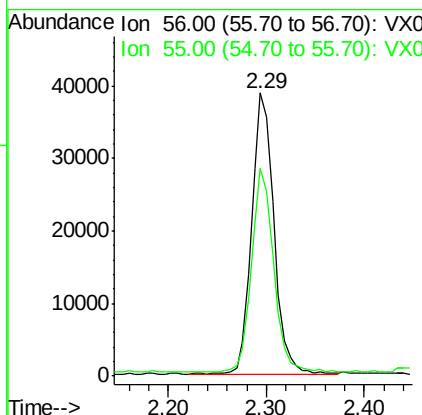
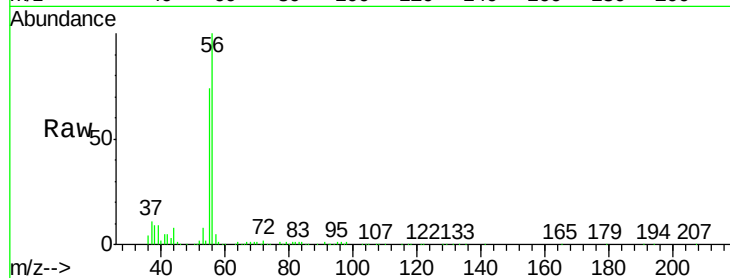
#13
Acrolein
Concen: 205.38 ug/l
RT: 2.29 min Scan# 280
Delta R.T. -0.01 min
Lab File: VX000720.D
Acq: 08 Apr 2018 09:56

Instrument :
MSVOA_X
ClientSampleId :
ICVVX040818

Tot Ion	56	Resp	60978
Ion Ratio	100	Lower	Upper
55	73.1	57.4	86.2

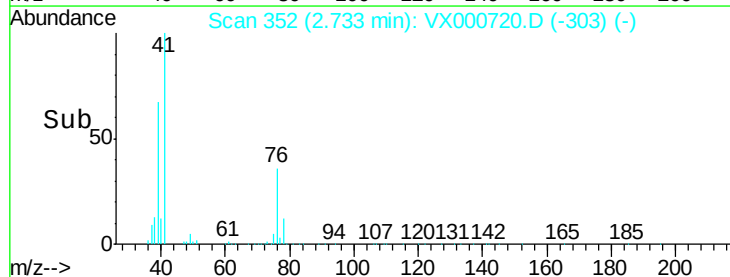
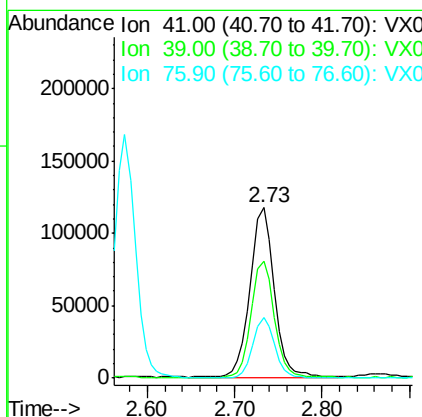
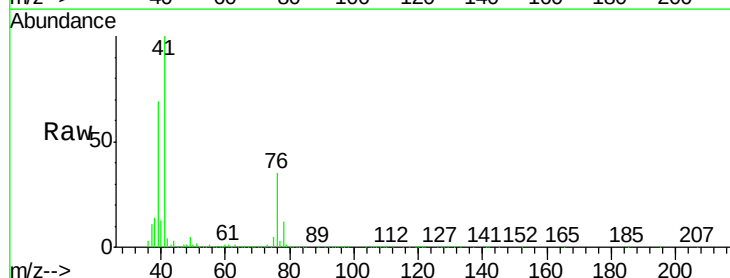
Manual Integrations
APPROVED

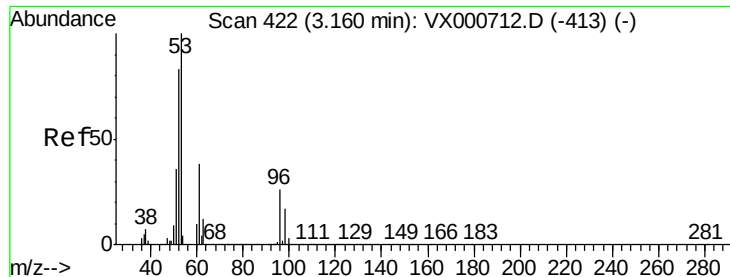
sam
4/9/2018 2:03:04 PM



#14
Allyl chloride
Concen: 45.71 ug/l
RT: 2.73 min Scan# 352
Delta R.T. -0.00 min
Lab File: VX000720.D
Acq: 08 Apr 2018 09:56

Tgt Ion	41	Resp	225798
Ion Ratio	100	Lower	Upper
39	65.3	52.4	78.6
76	32.3	25.9	38.9





#15

Acrylonitrile

Concen: 223.41 ug/l

RT: 3.15 min Scan# 420

Delta R.T. -0.01 min

Lab File: VX000720.D

Acq: 08 Apr 2018 09:56

Instrument :

MSVOA_X

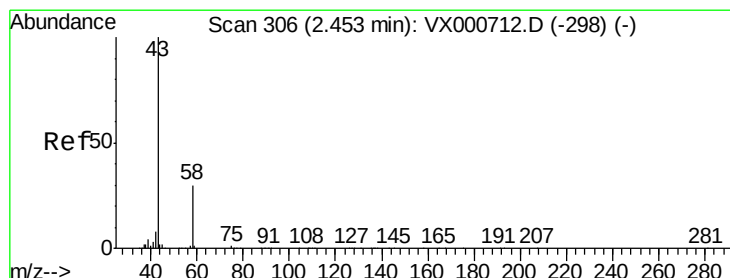
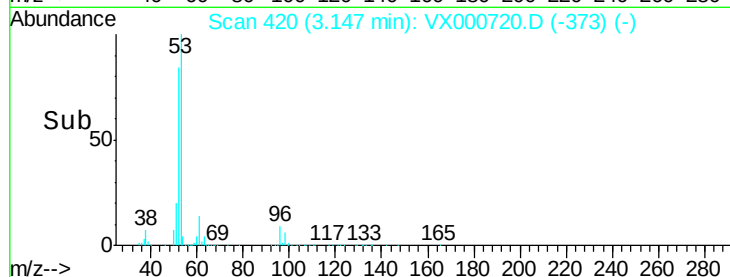
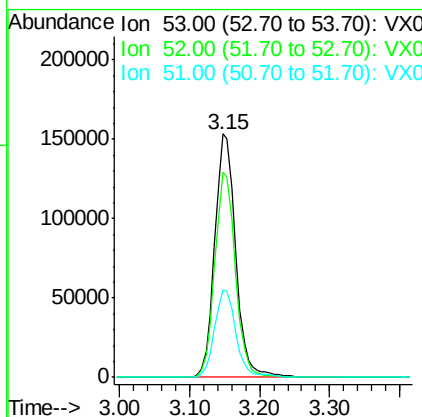
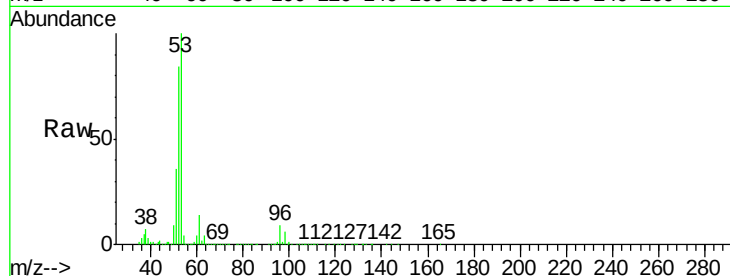
ClientSampled :

ICVVX040818

Tot Ion:	53	Resp:	317656
Ion Ratio		Lower	Upper
53	100		
52	83.0	66.1	99.1
51	36.4	29.1	43.7

Manual Integrations
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sam
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#16

Acetone

Concen: 214.94 ug/l

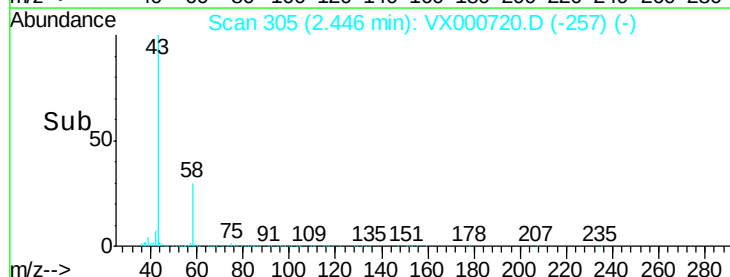
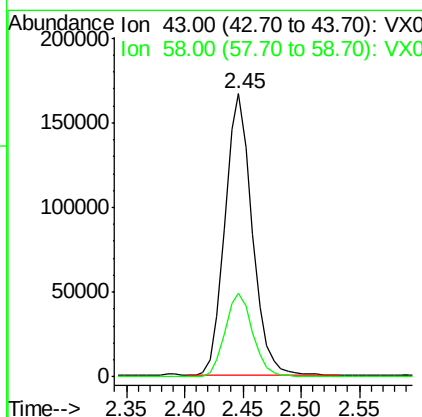
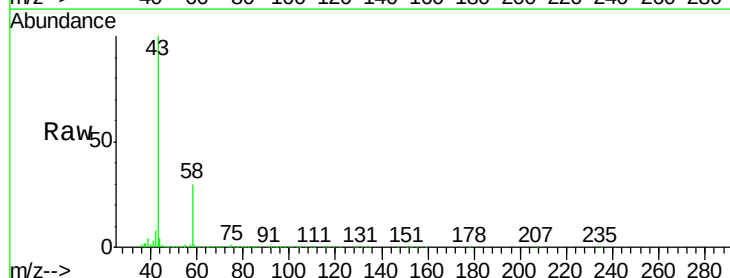
RT: 2.45 min Scan# 305

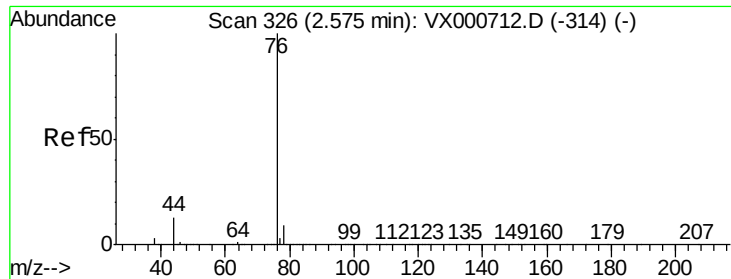
Delta R.T. -0.01 min

Lab File: VX000720.D

Acq: 08 Apr 2018 09:56

Tgt Ion:	43	Resp:	268792
Ion Ratio		Lower	Upper
43	100		
58	29.8	24.0	36.0





#17

Carbon Disulfide

Concen: 50.99 ug/l

RT: 2.57 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX000720.D

Acq: 08 Apr 2018 09:56

Instrument :

MSVOA_X

ClientSampleId :

ICVVX040818

Tot Ion: 76 Resp: 277294

Ion Ratio Lower Upper

76 100

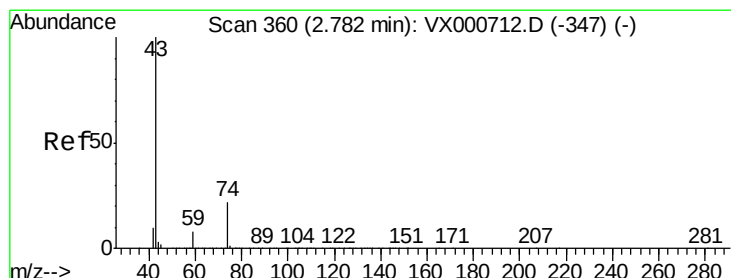
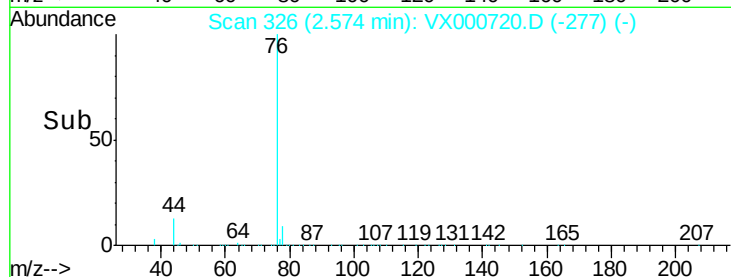
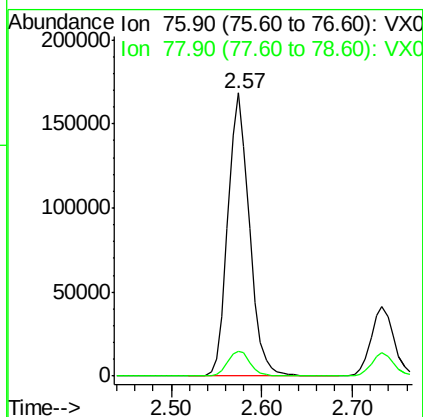
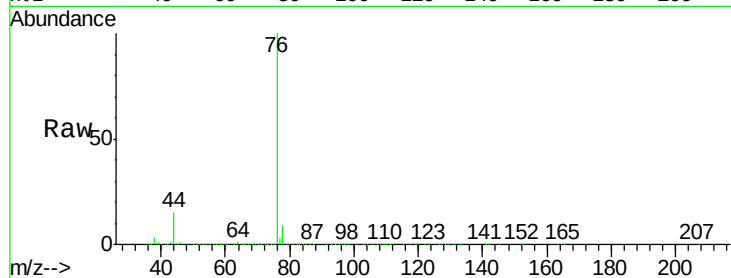
78 8.8 7.1 10.7

Manual Integrations

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sam

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#18

Methyl Acetate

Concen: 45.25 ug/l

RT: 2.78 min Scan# 359

Delta R.T. -0.01 min

Lab File: VX000720.D

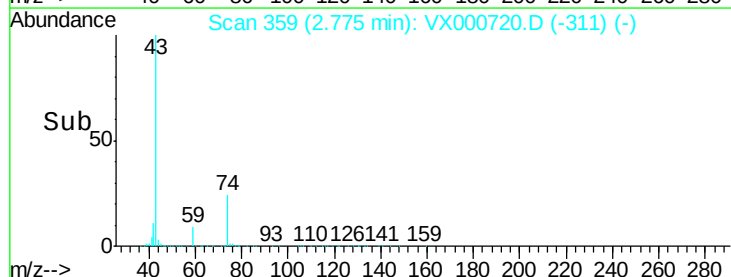
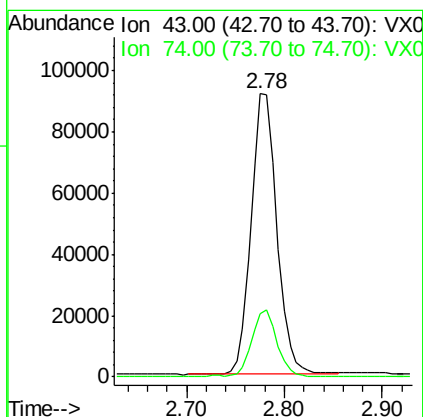
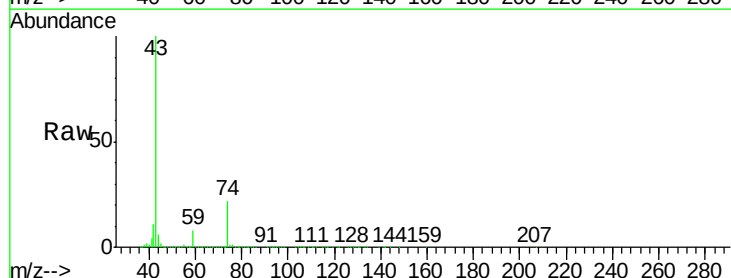
Acq: 08 Apr 2018 09:56

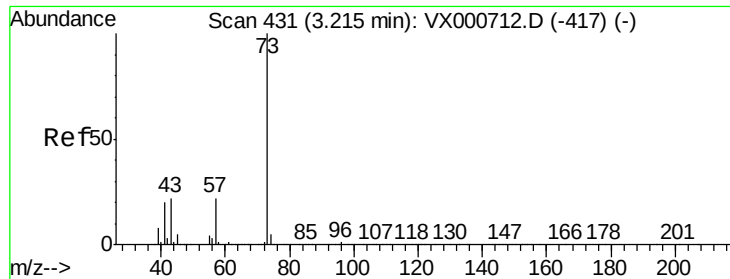
Tgt Ion: 43 Resp: 167995

Ion Ratio Lower Upper

43 100

74 24.1 19.0 28.6





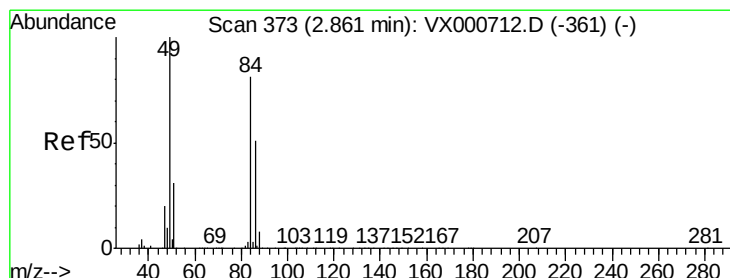
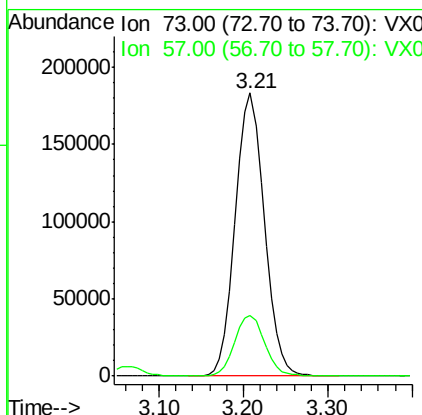
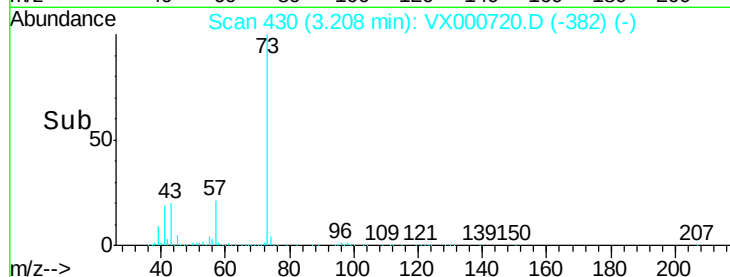
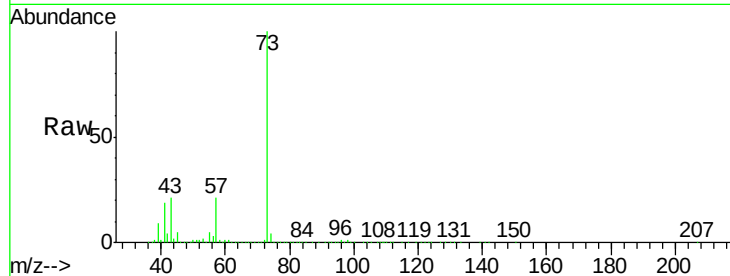
#19
Methyl tert-butyl Ether
Concen: 47.23 ug/l
RT: 3.21 min Scan# 430
Delta R.T. -0.01 min
Lab File: VX000720.D
Acq: 08 Apr 2018 09:56

Instrument :
MSVOA_X
ClientSampleId :
ICVVX040818

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.1	17.3	25.9

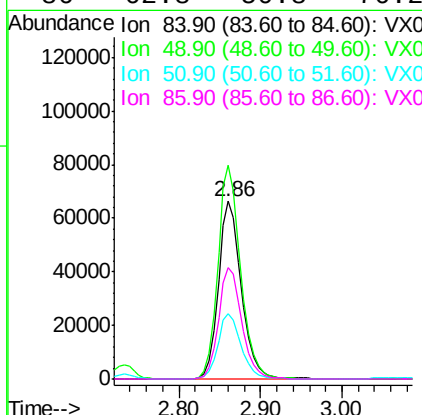
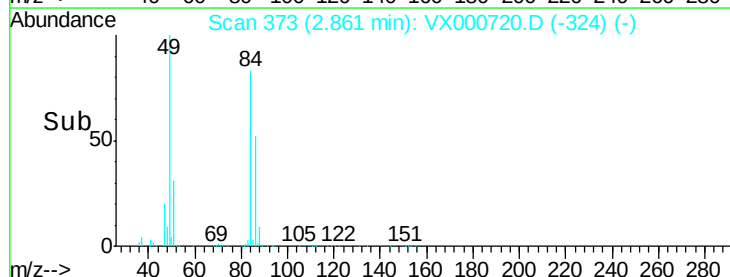
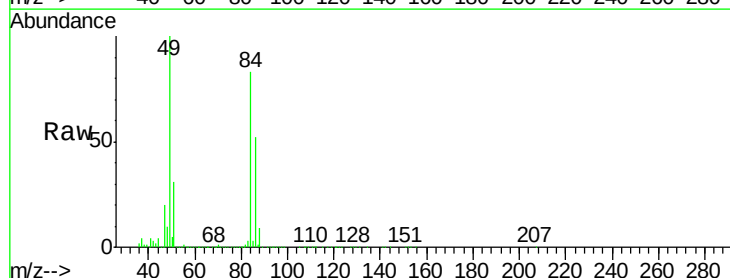
Manual Integrations
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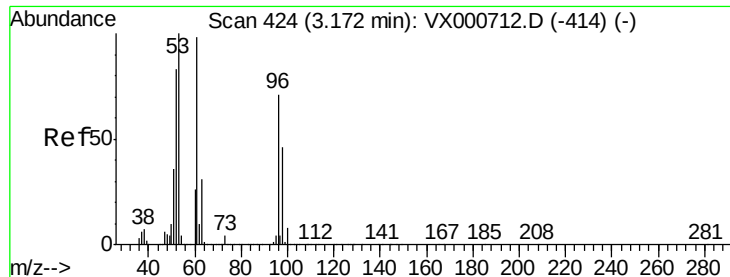
sam
4/9/2018 2:03:04 PM



#20
Methylene Chloride
Concen: 47.79 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.00 min
Lab File: VX000720.D
Acq: 08 Apr 2018 09:56

Tgt Ion	Ratio	Lower	Upper
84	100		
49	120.4	98.6	148.0
51	36.9	30.8	46.2
86	62.8	50.8	76.2





#21

trans-1,2-Dichloroethene

Concen: 47.44 ug/l

RT: 3.17 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX000720.D

Acq: 08 Apr 2018 09:56

Instrument :

MSVOA_X

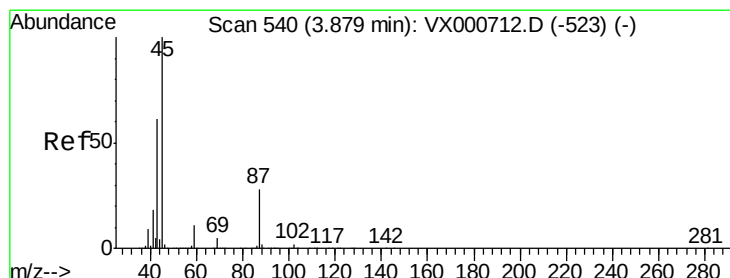
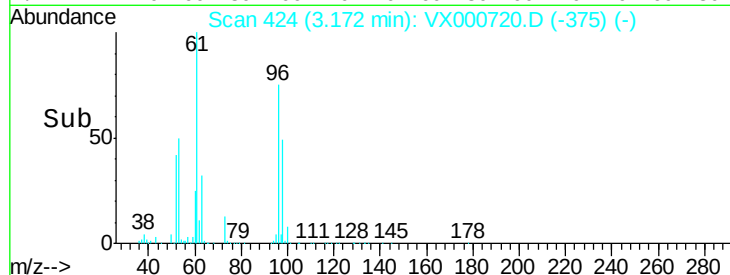
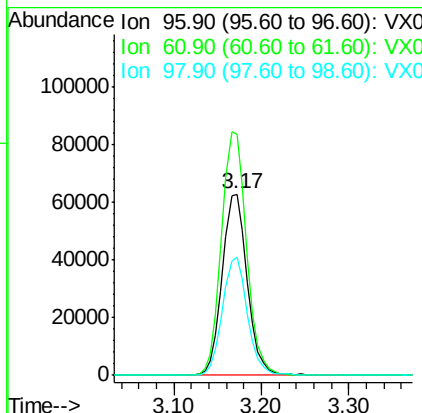
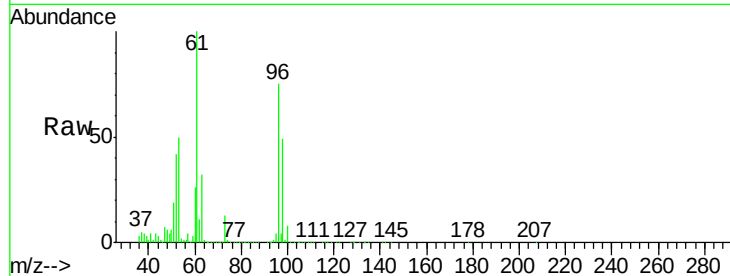
ClientSampled :

ICVVX040818

Tot Ion:	96	Resp:	123921
Ion	Ratio	Lower	Upper
96	100		
61	133.6	109.8	164.6
98	65.1	51.5	77.3

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sam
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#22

Diisopropyl ether

Concen: 44.71 ug/l

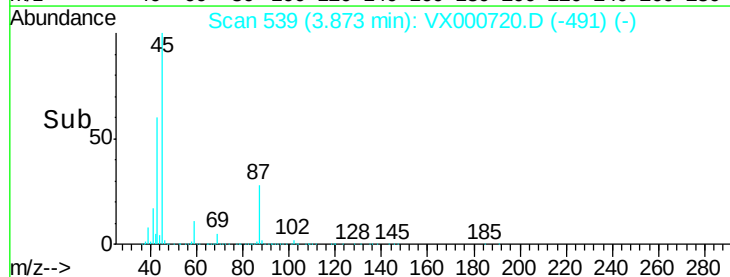
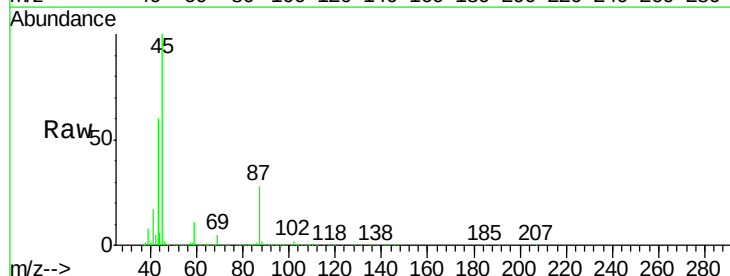
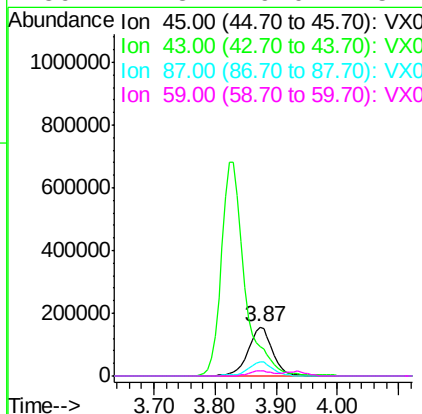
RT: 3.87 min Scan# 539

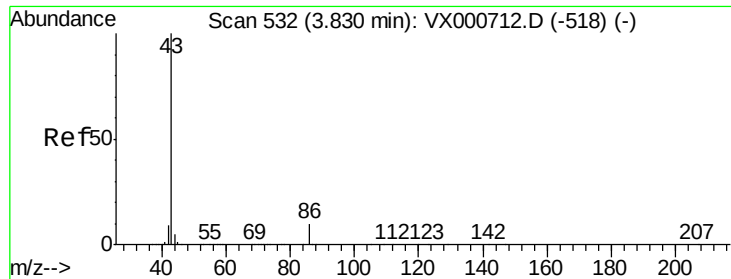
Delta R.T. -0.01 min

Lab File: VX000720.D

Acq: 08 Apr 2018 09:56

Tgt Ion:	45	Resp:	432714
Ion	Ratio	Lower	Upper
45	100		
43	59.8	49.2	73.8
87	28.0	22.7	34.1
59	11.3	9.0	13.4





#23

Vinyl Acetate

Concen: 220.52 ug/l

RT: 3.82 min Scan# 531

Delta R.T. -0.01 min

Lab File: VX000720.D

Acq: 08 Apr 2018 09:56

Instrument :

MSVOA_X

ClientSampleId :

ICVVX040818

Tot Ion: 43 Resp: 1807401

Ion Ratio Lower Upper

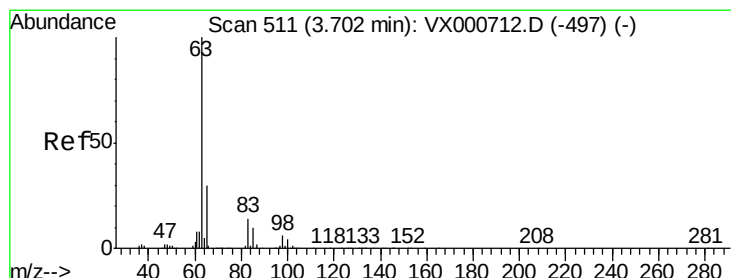
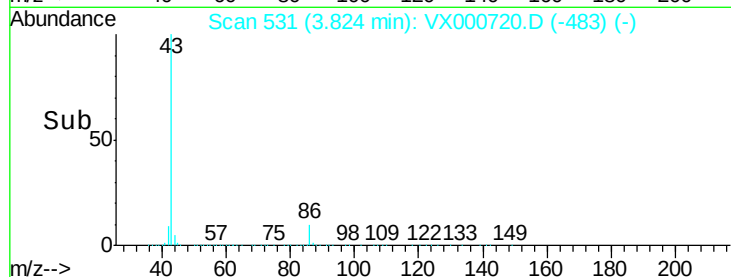
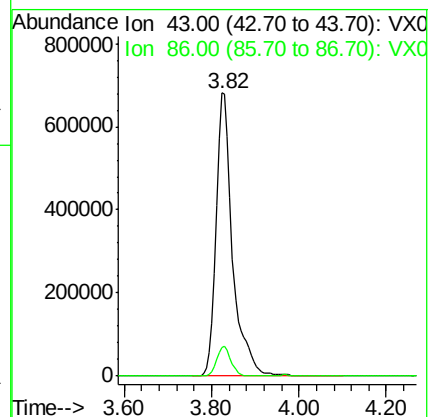
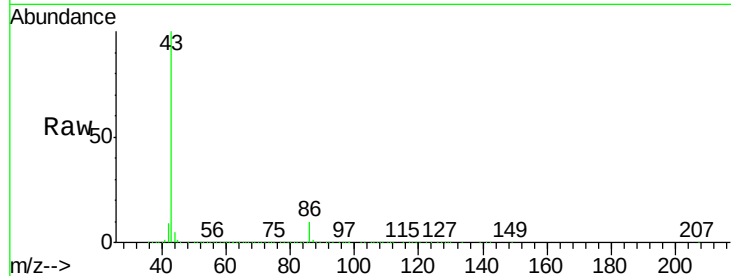
43 100

86 10.3 8.0 12.0

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sam

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#24

1,1-Dichloroethane

Concen: 46.32 ug/l

RT: 3.70 min Scan# 511

Delta R.T. -0.00 min

Lab File: VX000720.D

Acq: 08 Apr 2018 09:56

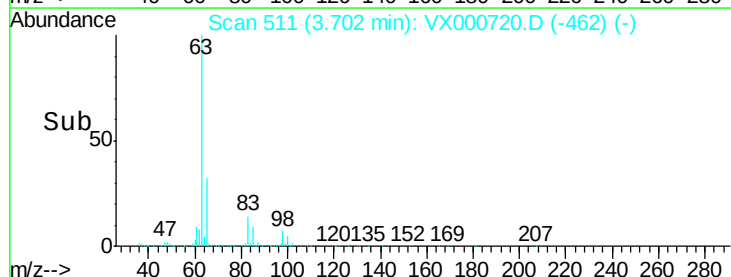
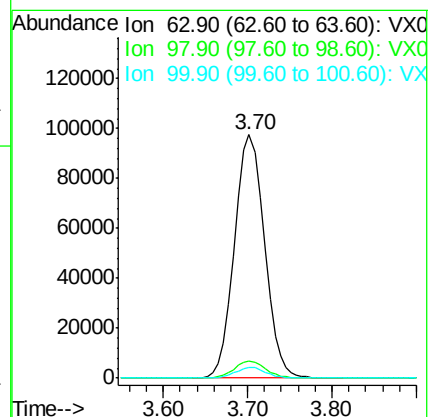
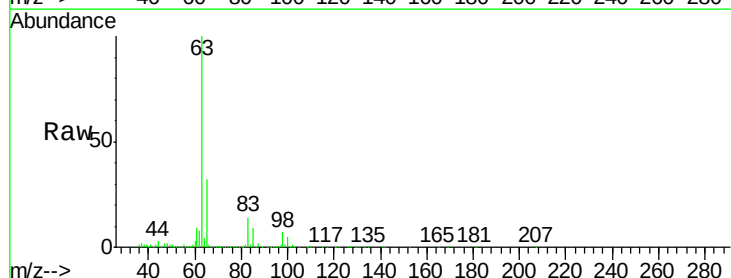
Tgt Ion: 63 Resp: 234664

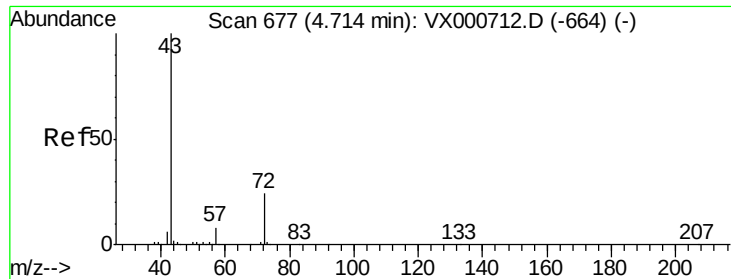
Ion Ratio Lower Upper

63 100

98 6.7 2.9 8.8

100 4.6 2.1 6.3





#25

2-Butanone

Concen: 210.24 ug/l

RT: 4.71 min Scan# 676

Delta R.T. -0.01 min

Lab File: VX000720.D

Acq: 08 Apr 2018 09:56

Instrument :

MSVOA_X

ClientSampleId :

ICVVX040818

Tot Ion: 43 Resp: 459968

Ion Ratio Lower Upper

43 100

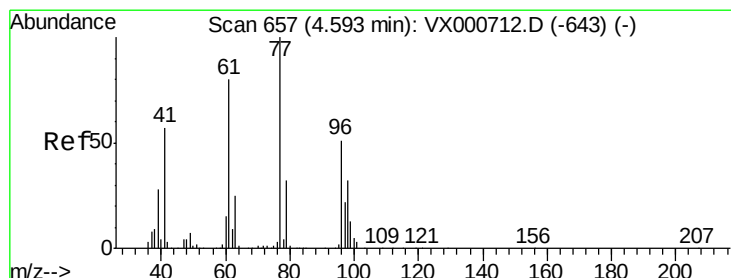
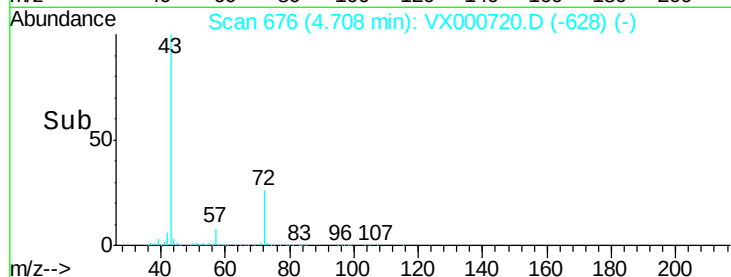
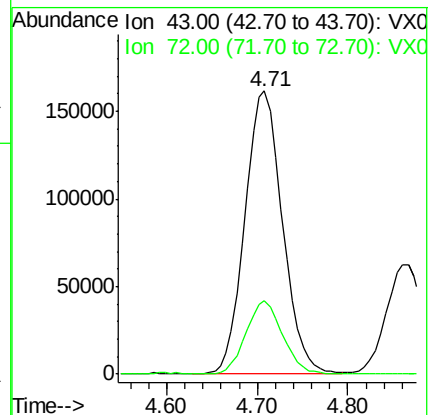
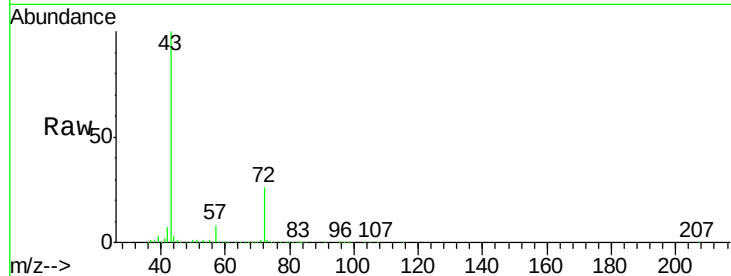
72 25.7 19.0 28.4

Manual Integrations

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sam

4/9/2018 2:03:04 PM



#26

2,2-Dichloropropane

Concen: 47.44 ug/l

RT: 4.59 min Scan# 657

Delta R.T. -0.00 min

Lab File: VX000720.D

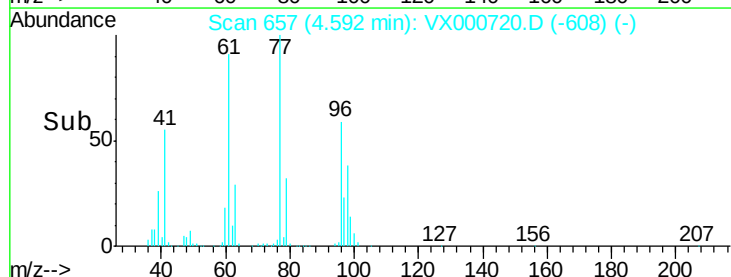
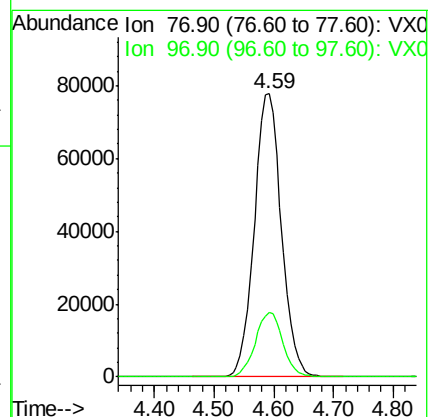
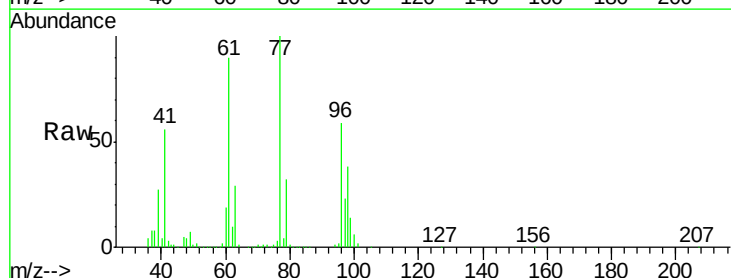
Acq: 08 Apr 2018 09:56

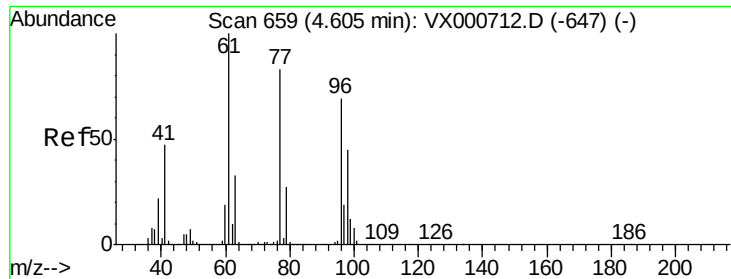
Tgt Ion: 77 Resp: 244641

Ion Ratio Lower Upper

77 100

97 23.2 11.3 33.9





#27

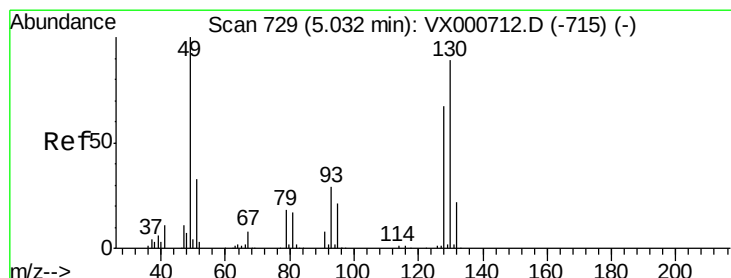
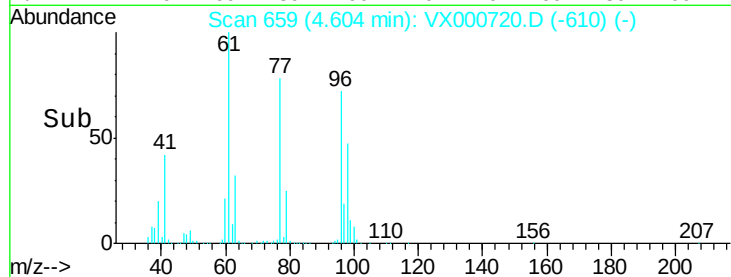
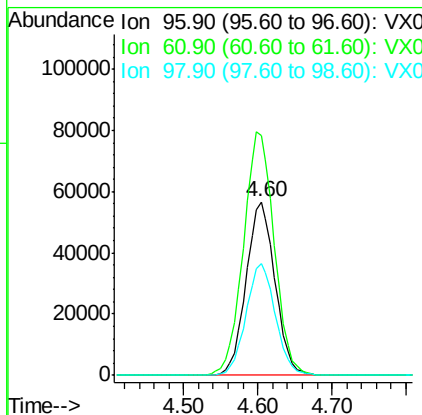
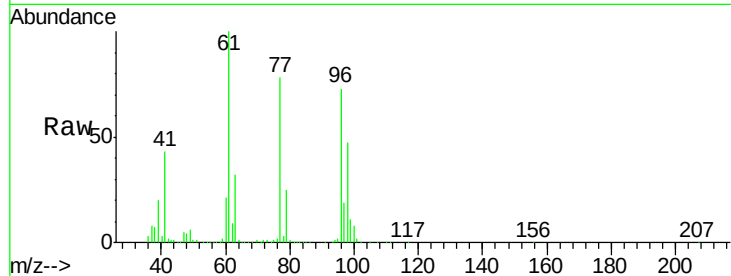
cis-1,2-Dichloroethene
 Concen: 46.38 ug/l
 RT: 4.60 min Scan# 659
 Delta R.T. -0.00 min
 Lab File: VX000720.D
 Acq: 08 Apr 2018 09:56

Instrument :
 MSVOA_X
 ClientSampled :
 ICVVX040818

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	148.6	0.0	301.0	
98	65.5	0.0	129.6	

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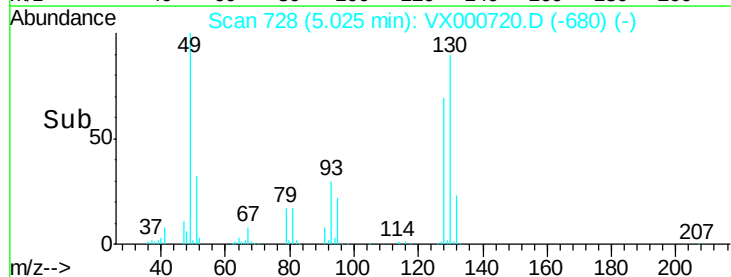
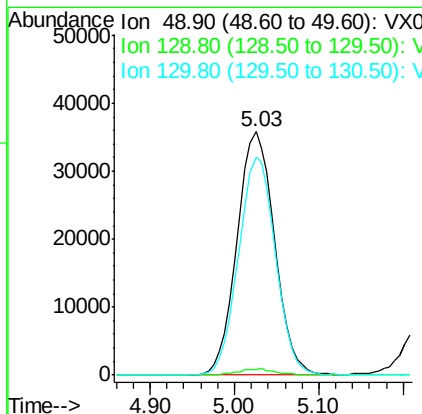
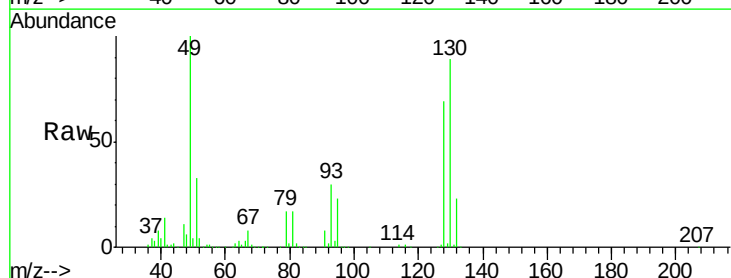
sam
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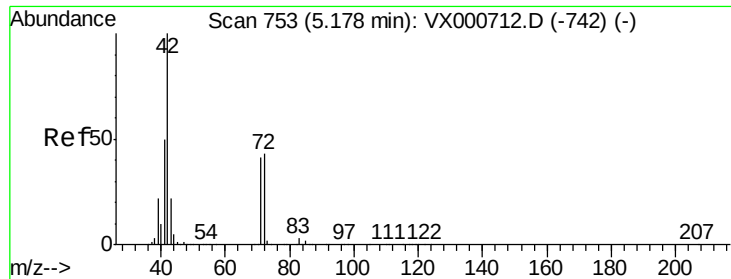


#28

Bromochloromethane
 Concen: 54.27 ug/l
 RT: 5.03 min Scan# 728
 Delta R.T. -0.01 min
 Lab File: VX000720.D
 Acq: 08 Apr 2018 09:56

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	2.5	0.0	5.4	
130	88.2	69.0	103.4	





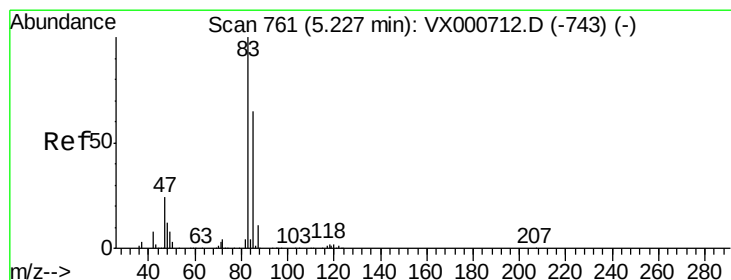
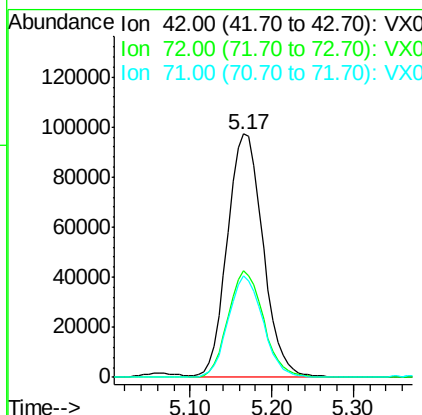
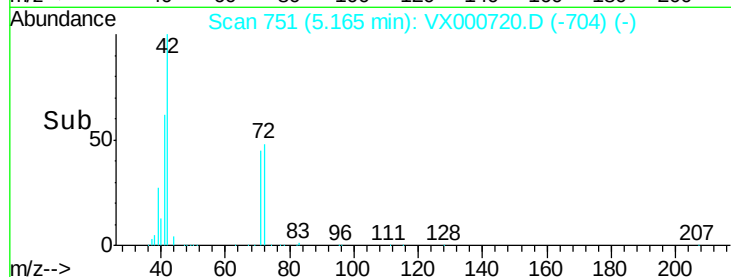
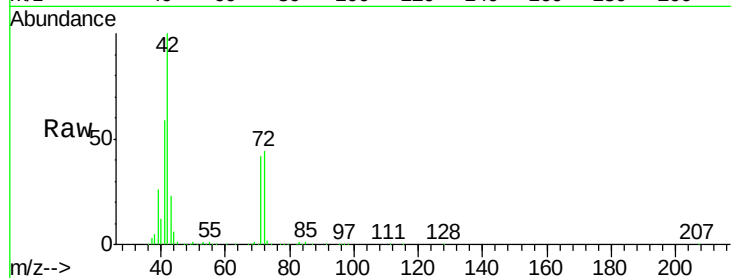
#29
Tetrahydrofuran
Concen: 210.27 ug/l
RT: 5.17 min Scan# 751
Delta R.T. -0.01 min
Lab File: VX000720.D
Acq: 08 Apr 2018 09:56

Instrument :
MSVOA_X
ClientSampleId :
ICVVX040818

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.9	34.4	51.6
71	41.0	32.0	48.0

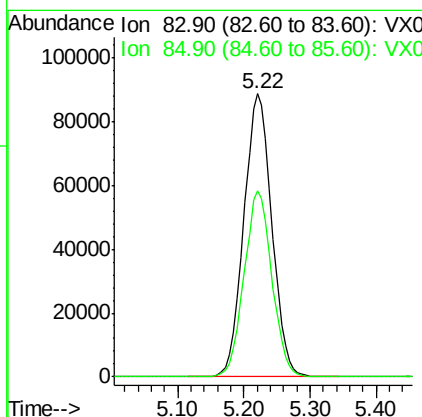
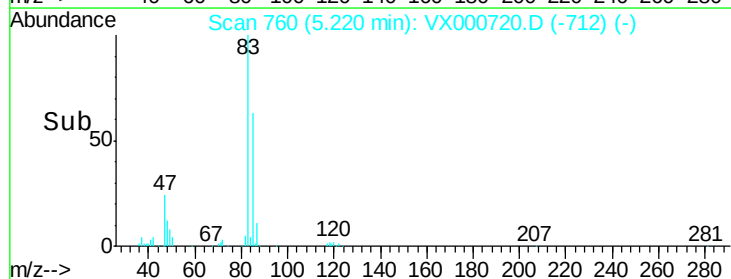
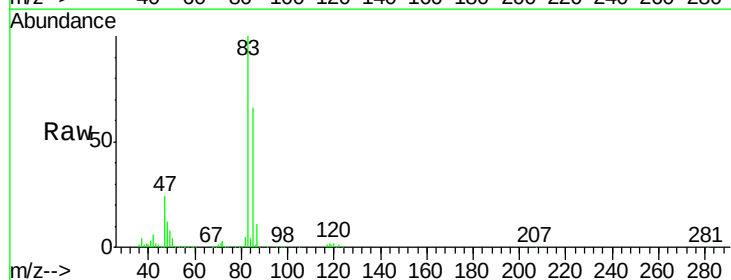
Manual Integrations
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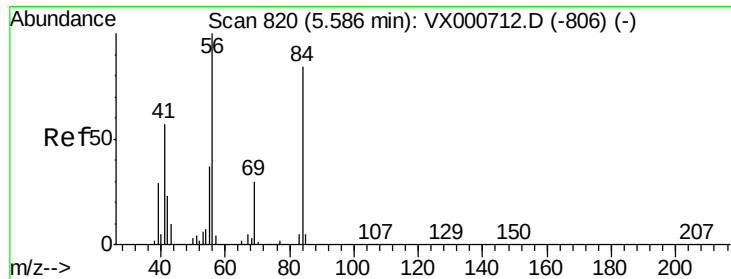
sam
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#30
Chloroform
Concen: 47.40 ug/l
RT: 5.22 min Scan# 760
Delta R.T. -0.01 min
Lab File: VX000720.D
Acq: 08 Apr 2018 09:56

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.7	52.3	78.5





#31

Cyclohexane

Concen: 50.59 ug/l

RT: 5.58 min Scan# 819

Delta R.T. -0.01 min

Lab File: VX000720.D

Acq: 08 Apr 2018 09:56

Instrument :

MSVOA_X

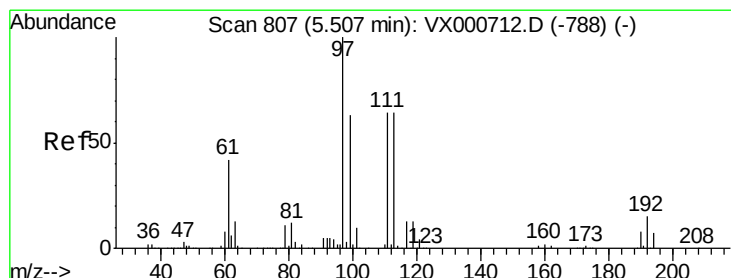
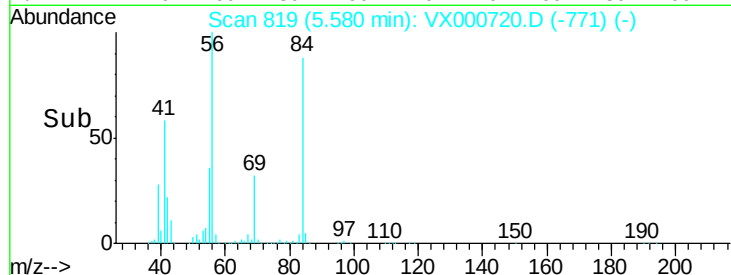
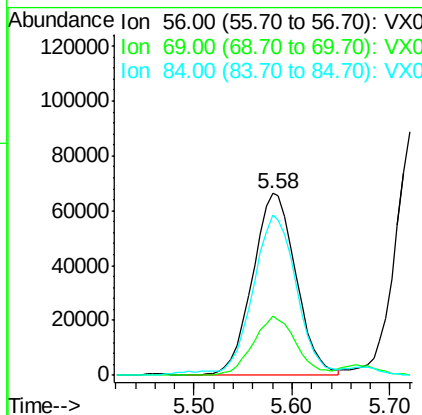
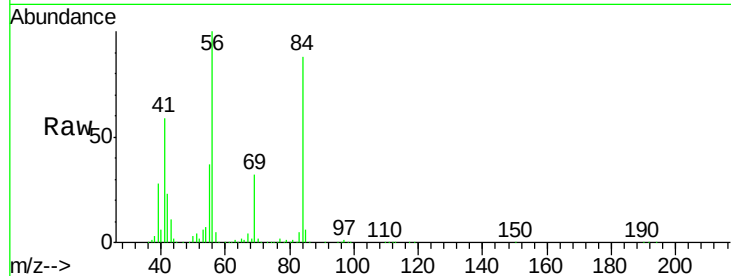
ClientSampleId :

ICVVX040818

Tot Ion	Ratio	Lower	Upper
56	100		
69	32.2	23.8	35.6
84	86.1	67.4	101.2

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 46.87 ug/l

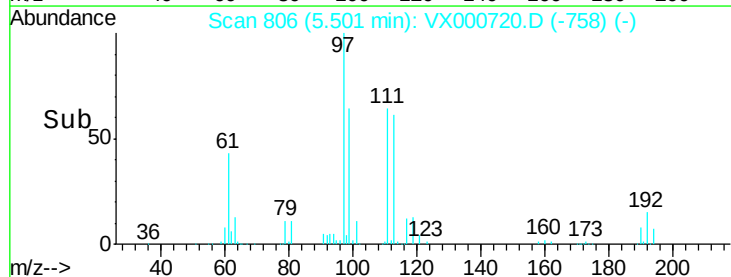
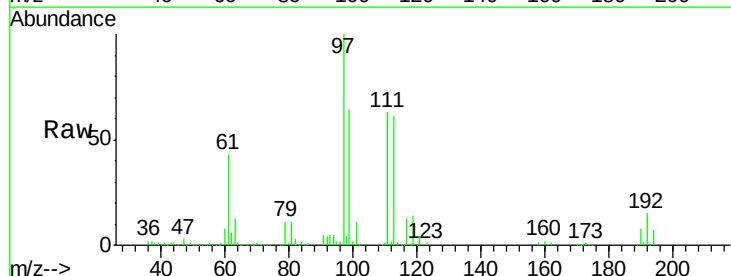
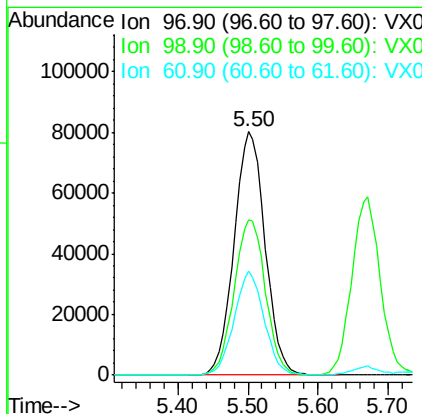
RT: 5.50 min Scan# 806

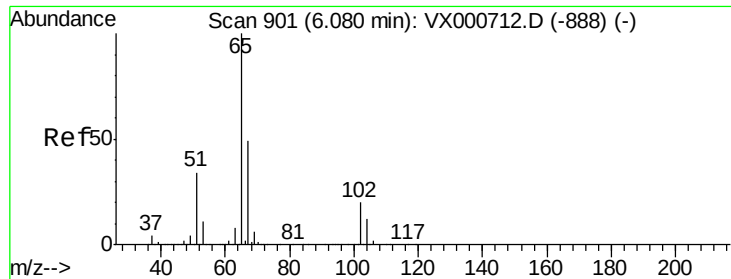
Delta R.T. -0.01 min

Lab File: VX000720.D

Acq: 08 Apr 2018 09:56

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.5	51.4	77.2
61	41.3	34.2	51.4





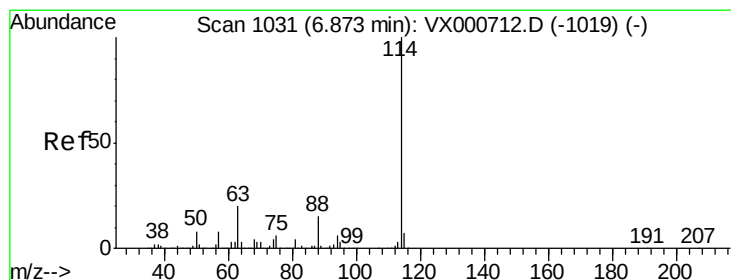
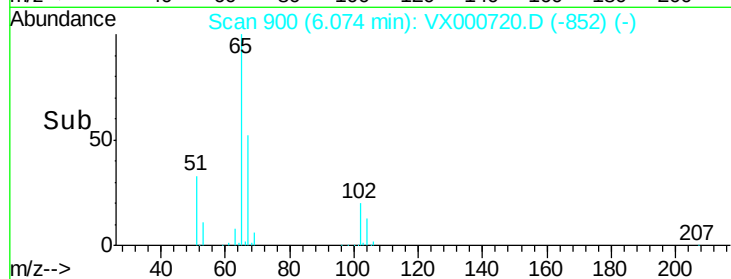
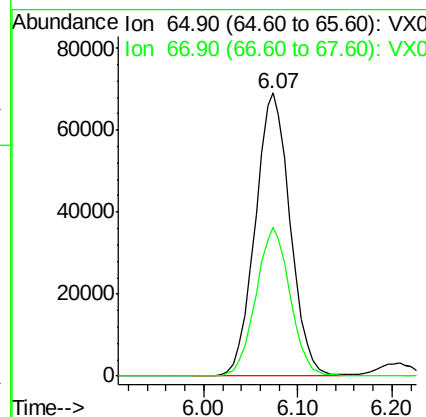
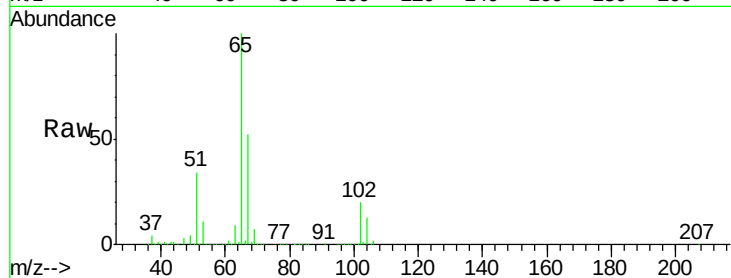
#33
 1,2-Dichloroethane-d4
 Concen: 44.97 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. -0.01 min
 Lab File: VX000720.D
 Acq: 08 Apr 2018 09:56

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX040818

Tot Ion	Ratio	Resp	Lower	Upper
65	100	179256		
67	51.1	0.0	102.6	

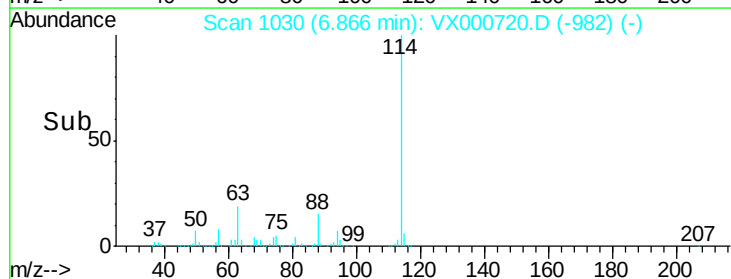
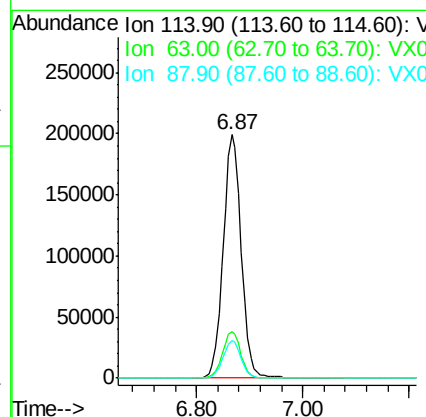
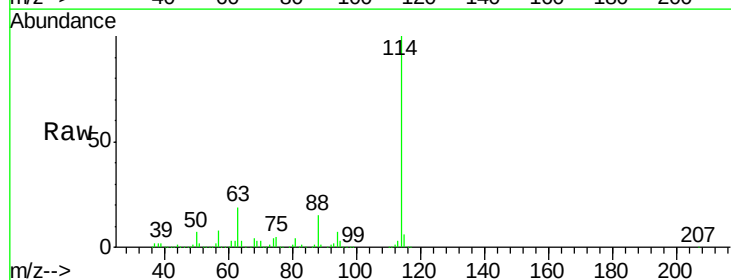
Manual Integrations
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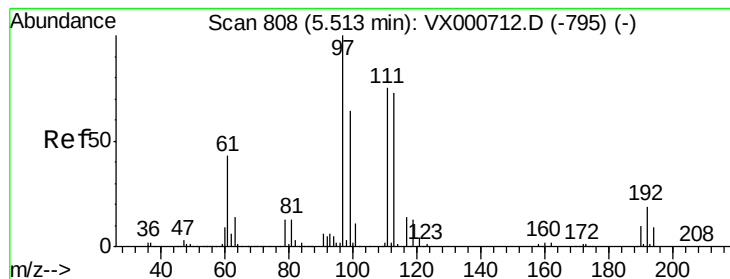
sam
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.01 min
 Lab File: VX000720.D
 Acq: 08 Apr 2018 09:56

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	471194		
63	19.3	0.0	39.6	
88	15.3	0.0	30.6	





#35

Dibromofluoromethane

Concen: 49.41 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.01 min

Lab File: VX000720.D

Acq: 08 Apr 2018 09:56

Instrument :

MSVOA_X

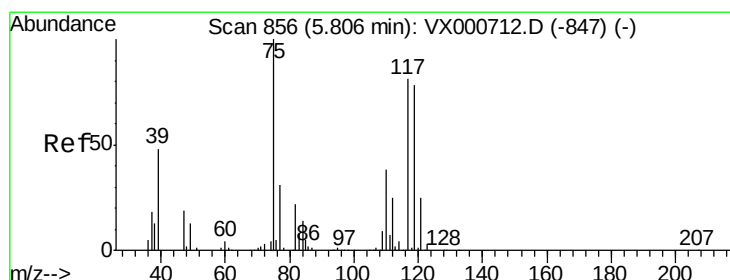
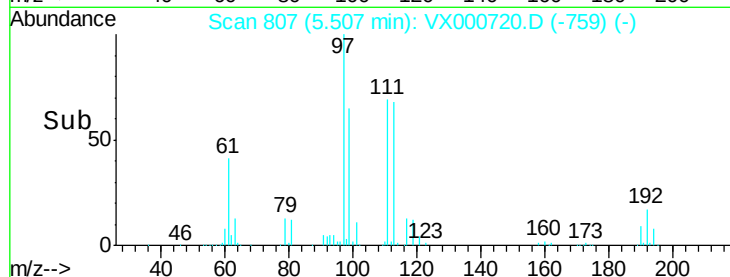
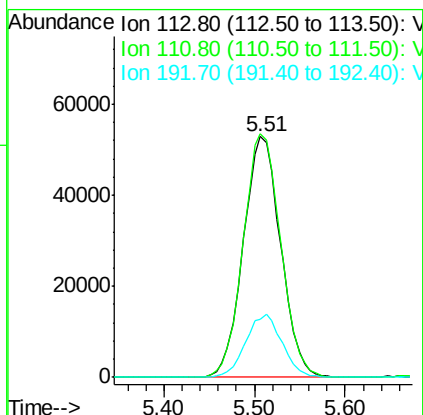
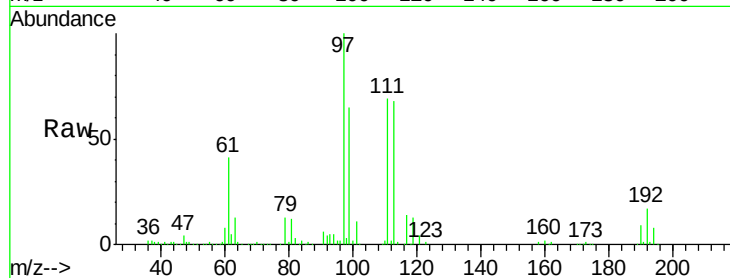
ClientSampleId :

ICVVX040818

Tot Ion:	113	Resp:	150486
Ion Ratio	Lower	Upper	
113	100		
111	101.7	81.5	122.3
192	25.7	20.0	30.0

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 47.56 ug/l

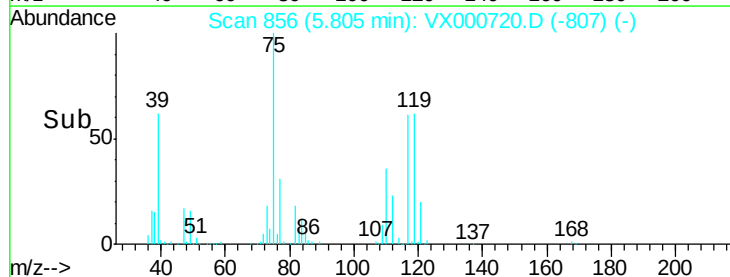
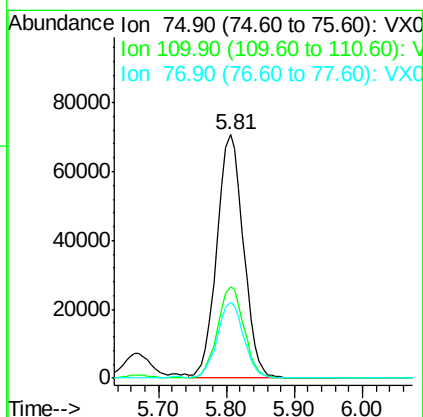
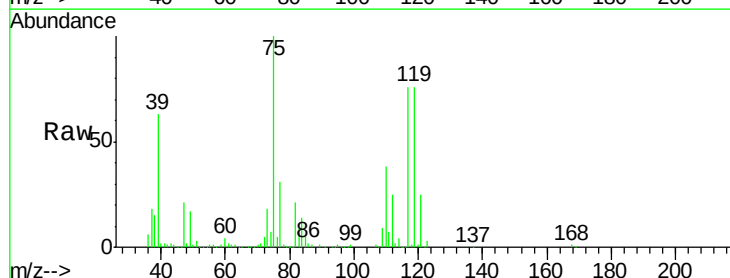
RT: 5.81 min Scan# 856

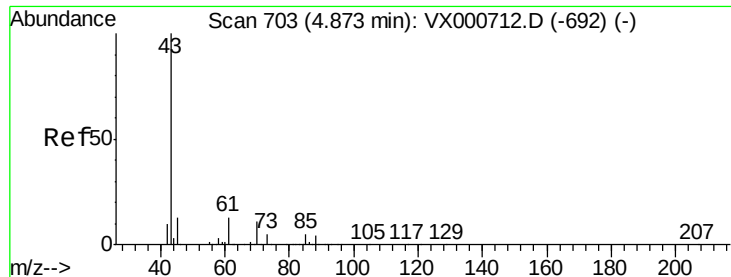
Delta R.T. -0.00 min

Lab File: VX000720.D

Acq: 08 Apr 2018 09:56

Tgt Ion:	75	Resp:	191928
Ion Ratio	Lower	Upper	
75	100		
110	37.4	18.6	56.0
77	30.5	24.6	37.0





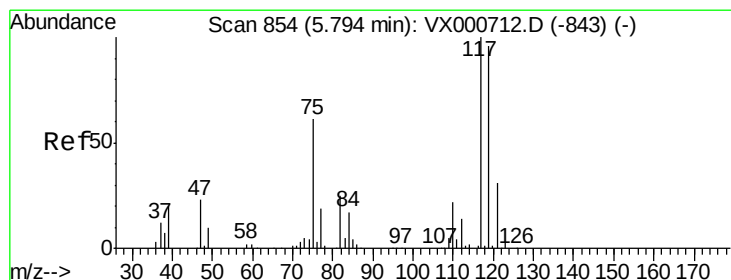
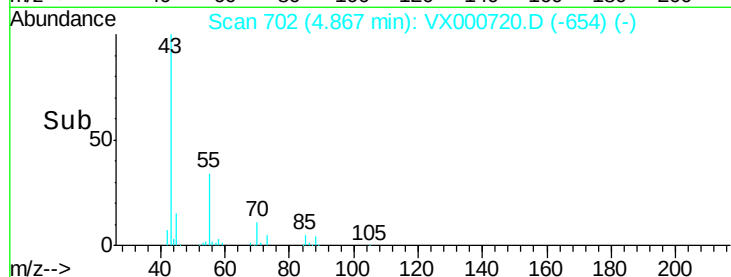
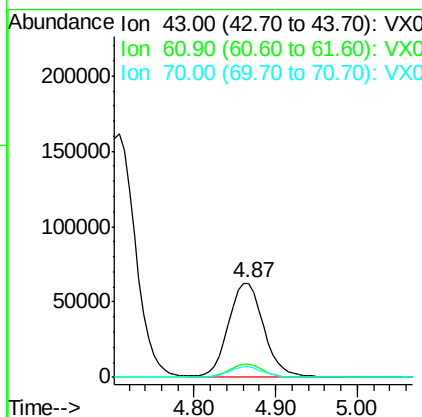
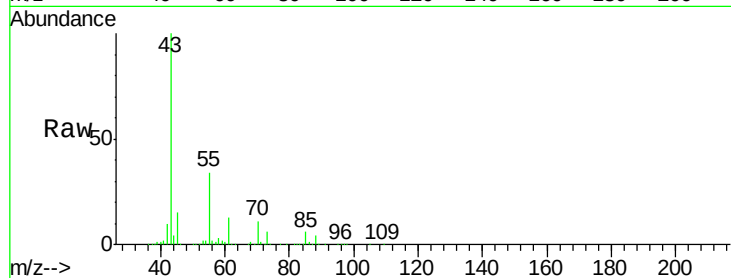
#37
Ethyl Acetate
Concen: 42.29 ug/l
RT: 4.87 min Scan# 702
Delta R.T. -0.01 min
Lab File: VX000720.D
Acq: 08 Apr 2018 09:56

Instrument :
MSVOA_X
ClientSampled :
ICVVX040818

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.4	10.5	15.7
70	11.1	8.4	12.6

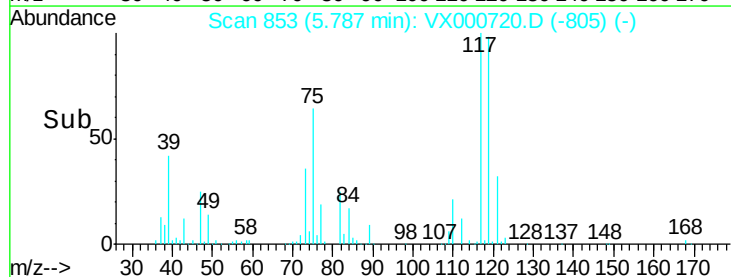
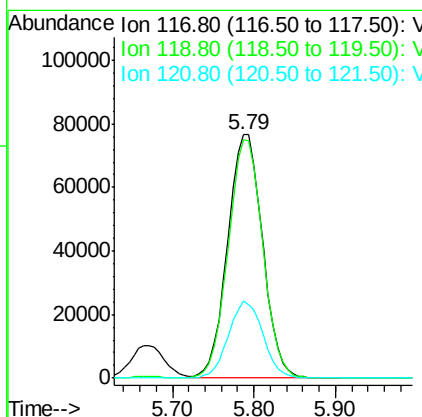
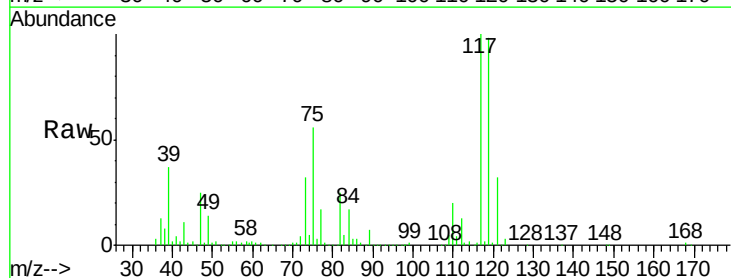
Manual Integrations
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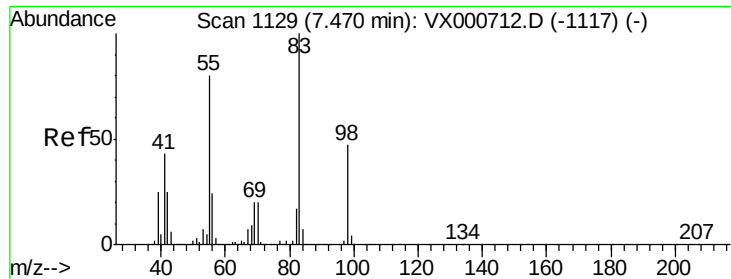
sam
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#38
Carbon Tetrachloride
Concen: 47.87 ug/l
RT: 5.79 min Scan# 853
Delta R.T. -0.01 min
Lab File: VX000720.D
Acq: 08 Apr 2018 09:56

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.9	76.7	115.1
121	32.0	24.7	37.1





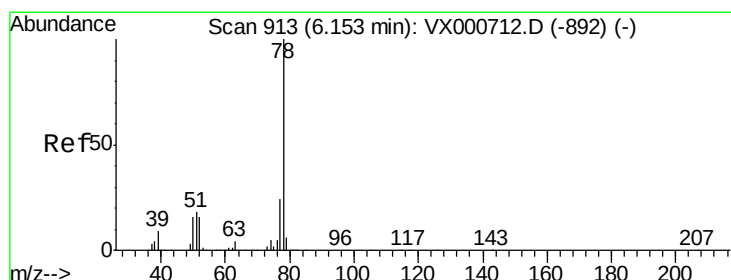
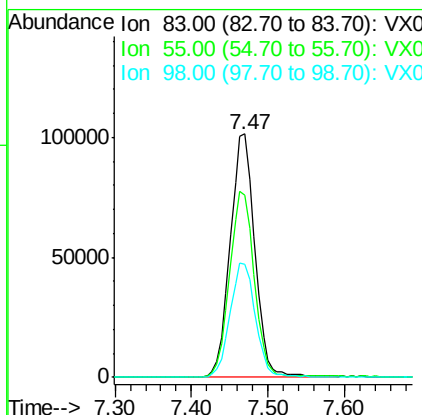
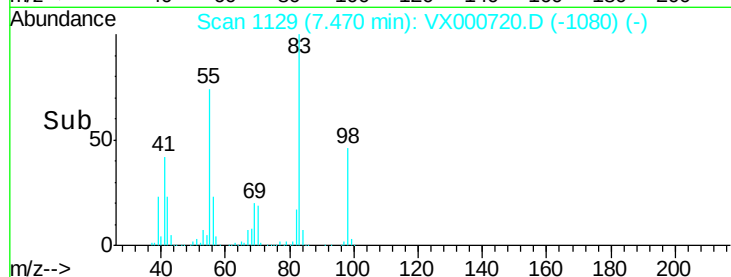
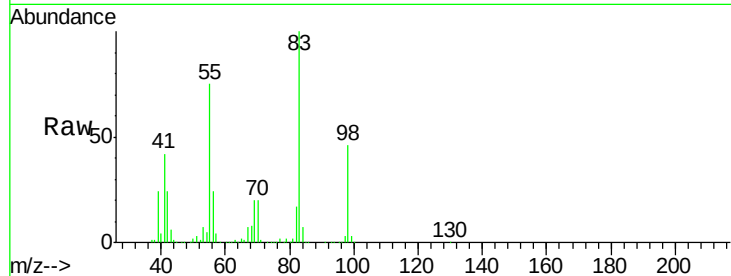
#39
Methylvlcyclohexane
Concen: 53.10 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. -0.00 min
Lab File: VX000720.D
Acq: 08 Apr 2018 09:56

Instrument :
MSVOA_X
ClientSampleId :
ICVVX040818

Tot Ion	Ratio	Resp	Lower	Upper
83	100	226251		
55	74.5		63.7	95.5
98	46.3		37.2	55.8

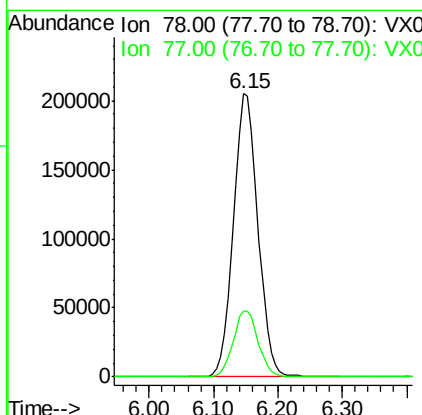
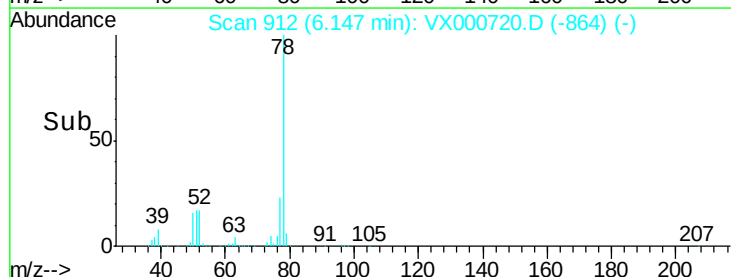
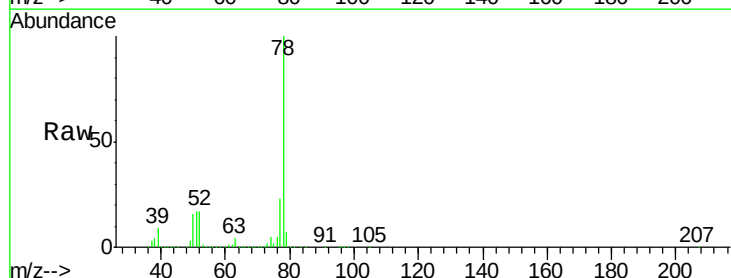
Manual Integrations
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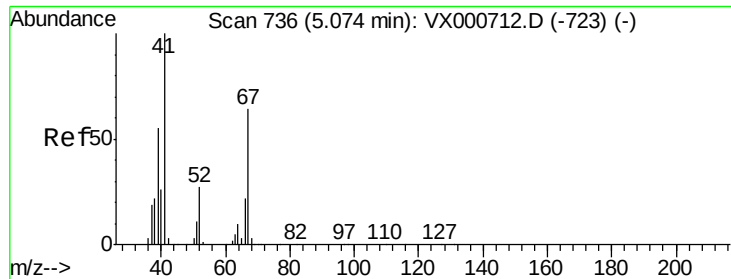
sam
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#40
Benzene
Concen: 47.93 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.01 min
Lab File: VX000720.D
Acq: 08 Apr 2018 09:56

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	544050		
77	23.4		19.0	28.4





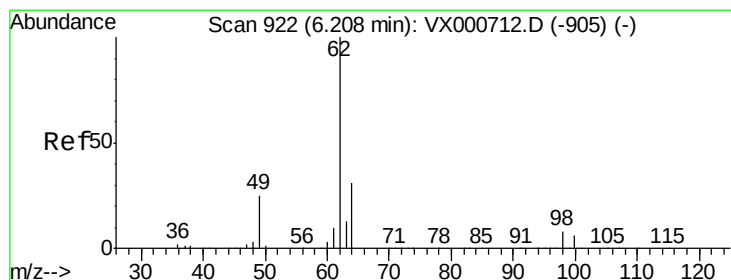
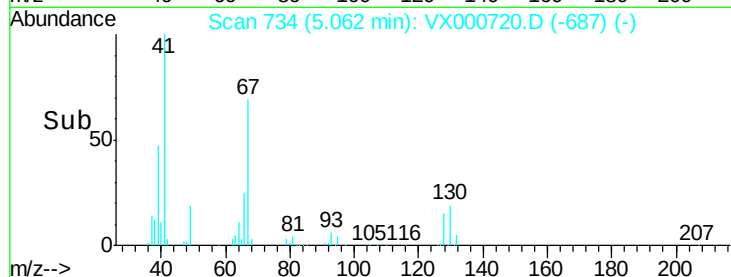
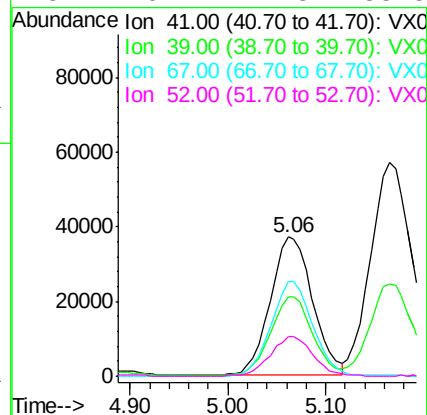
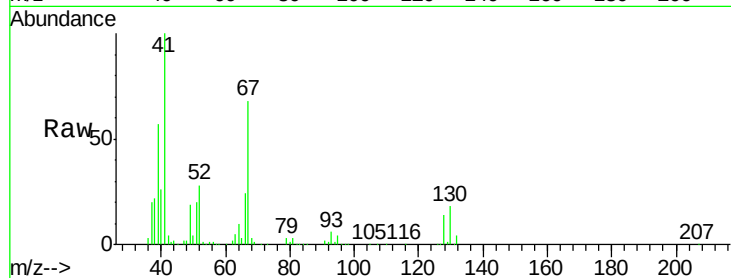
#41
Methacrylonitrile
Concen: 44.27 ug/l
RT: 5.06 min Scan# 734
Delta R.T. -0.01 min
Lab File: VX000720.D
Acq: 08 Apr 2018 09:56

Instrument :
MSVOA_X
ClientSampled :
ICVVX040818

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100				
39	55.5	45.3	67.9		
67	67.6	52.7	79.1		
52	29.1	22.3	33.5		

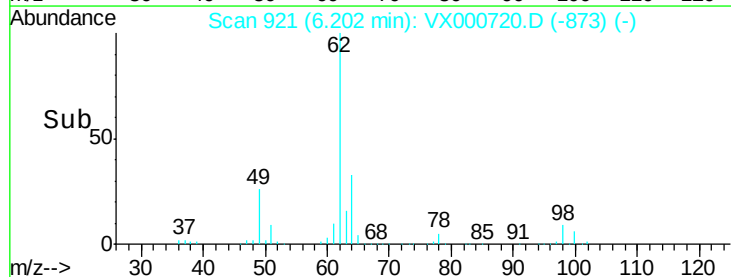
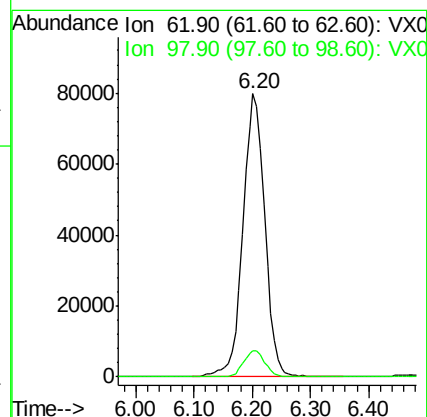
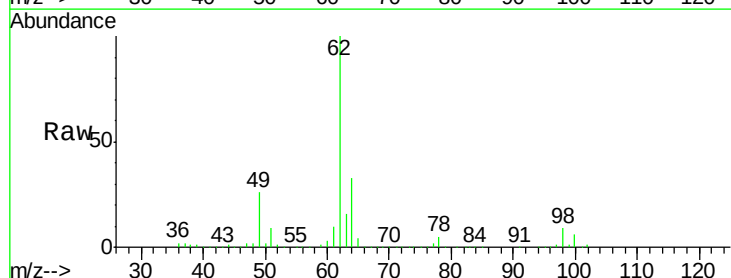
Manual Integrations
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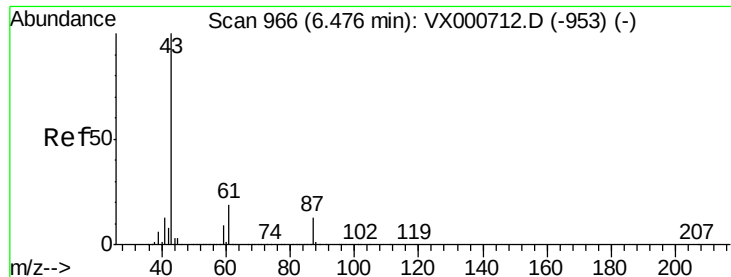
sam
4/9/2018 2:03:04 PM



#42
1,2-Dichloroethane
Concen: 46.43 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.01 min
Lab File: VX000720.D
Acq: 08 Apr 2018 09:56

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100				
98	9.1	0.0	17.2		





#43

Isopropyl Acetate

Concen: 44.55 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.01 min

Lab File: VX000720.D

Acq: 08 Apr 2018 09:56

Instrument :

MSVOA_X

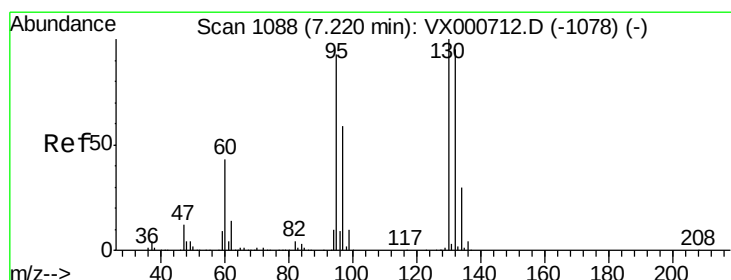
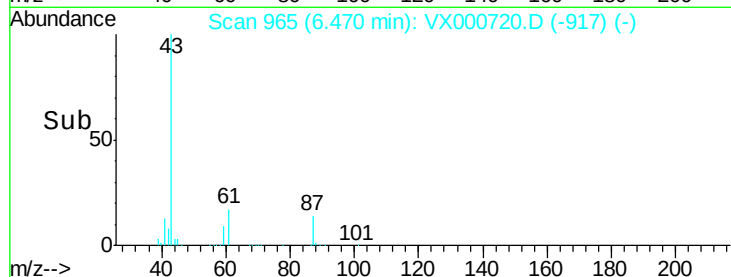
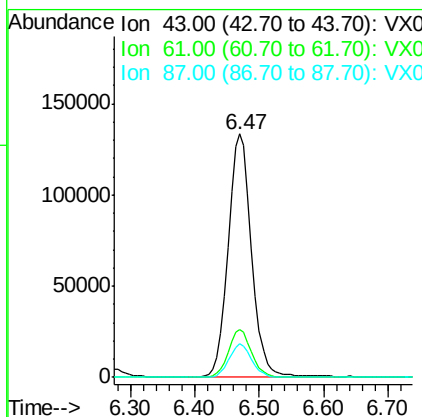
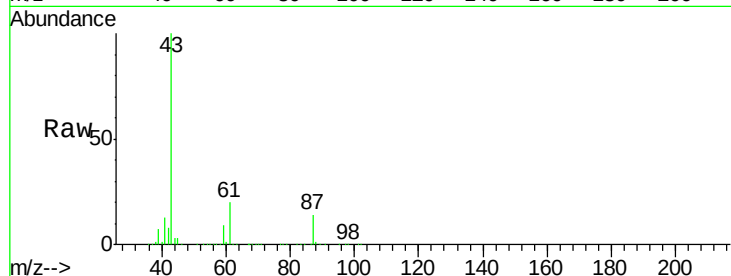
ClientSampleId :

ICVVX040818

Tot Ion:	43	Resp:	337961
Ion	Ratio	Lower	Upper
43	100		
61	19.5	15.4	23.0
87	13.3	10.4	15.6

Manual Integrations
APPROVED

sam
4/9/2018 2:03:04 PM



#44

Trichloroethene

Concen: 49.96 ug/l

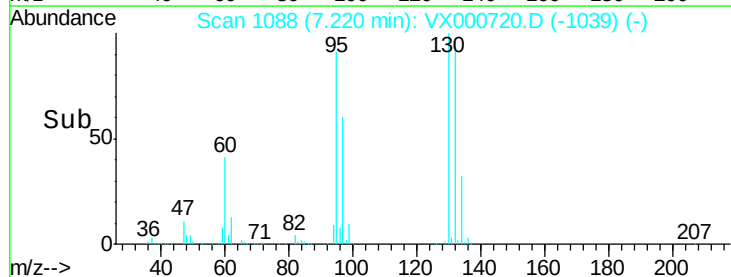
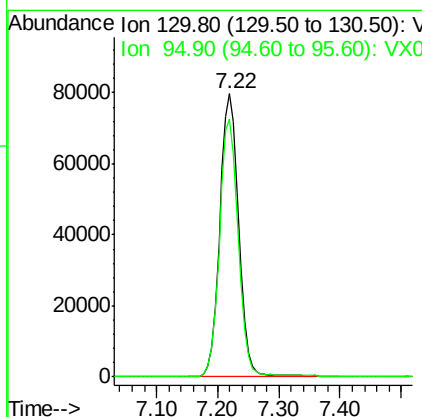
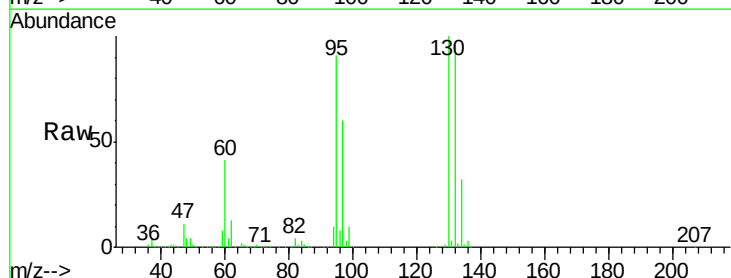
RT: 7.22 min Scan# 1088

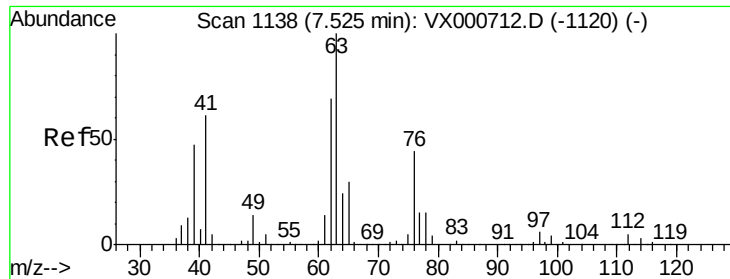
Delta R.T. -0.00 min

Lab File: VX000720.D

Acq: 08 Apr 2018 09:56

Tgt Ion:	130	Resp:	172331
Ion	Ratio	Lower	Upper
130	100		
95	90.9	0.0	185.4





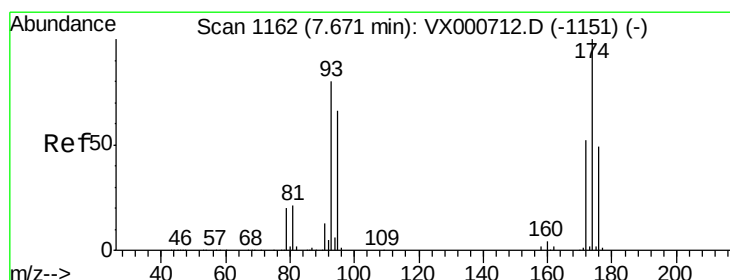
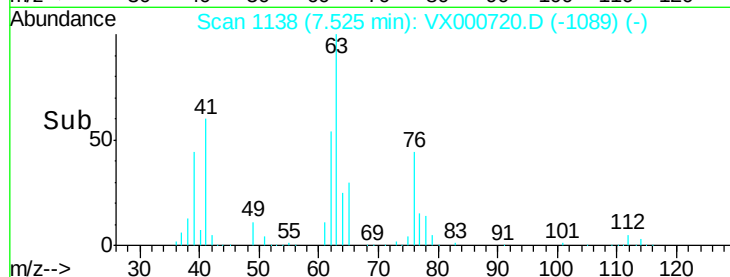
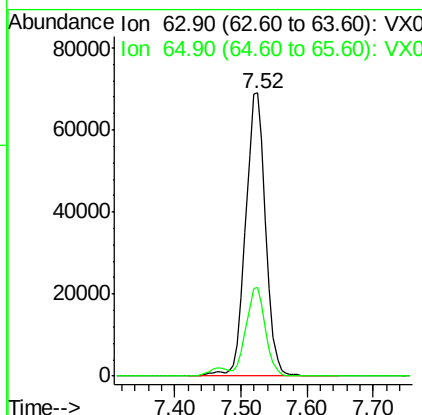
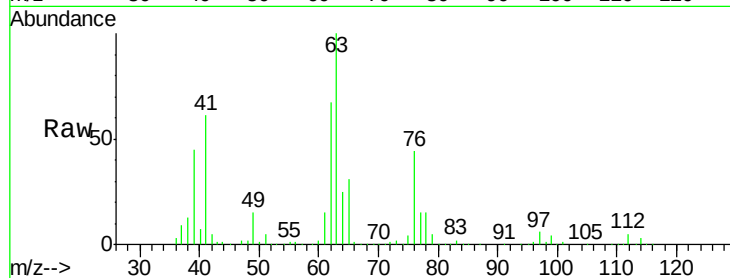
#45
 1,2-Dichloropropane
 Concen: 47.77 ug/l
 RT: 7.52 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VX000720.D
 Acq: 08 Apr 2018 09:56

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX040818

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.2	24.2	36.2

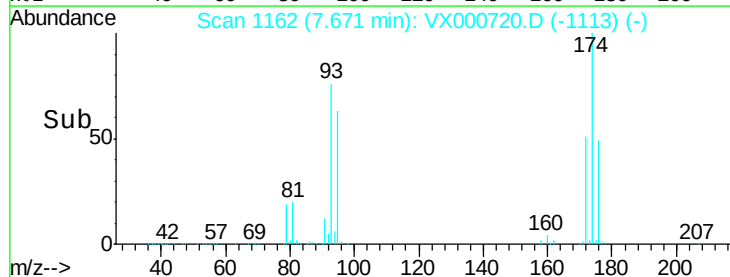
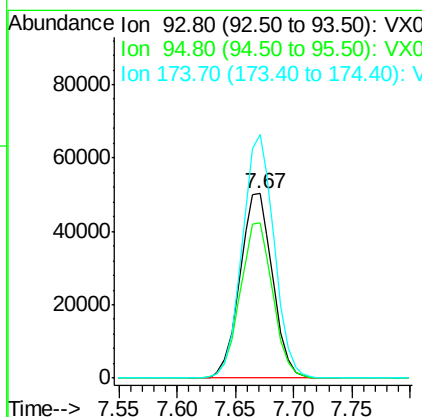
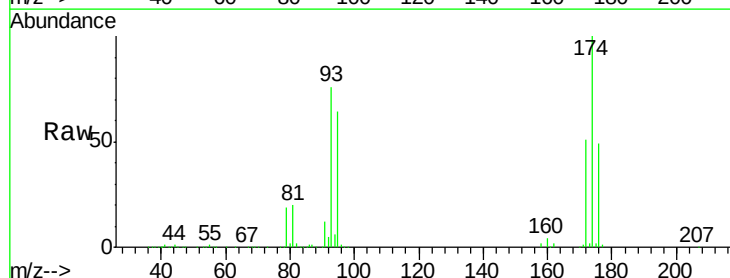
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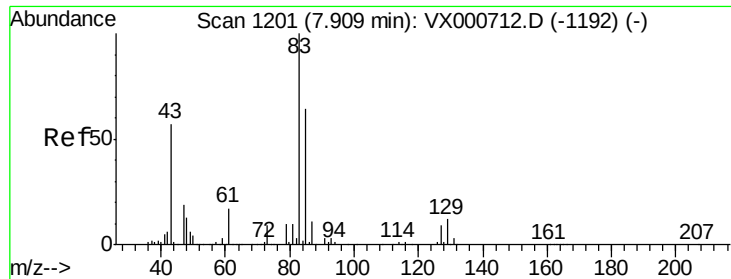
sam
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#46
 Dibromomethane
 Concen: 46.45 ug/l
 RT: 7.67 min Scan# 1162
 Delta R.T. -0.00 min
 Lab File: VX000720.D
 Acq: 08 Apr 2018 09:56

Tgt Ion	Ratio	Lower	Upper
93	100		
95	84.3	66.0	99.0
174	129.2	100.2	150.2





#47

Bromodichloromethane

Concen: 48.18 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.01 min

Lab File: VX000720.D

Acq: 08 Apr 2018 09:56

Instrument :

MSVOA_X

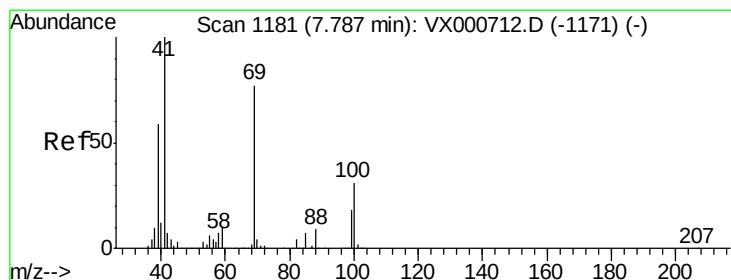
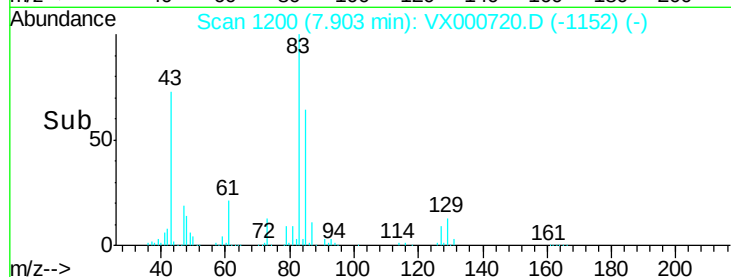
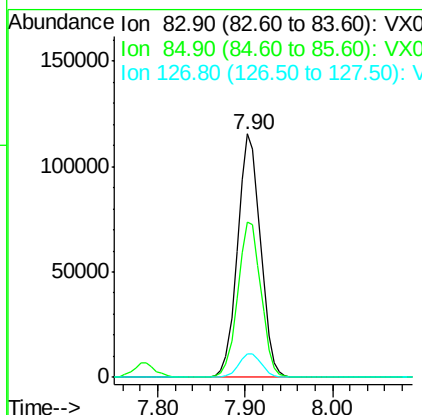
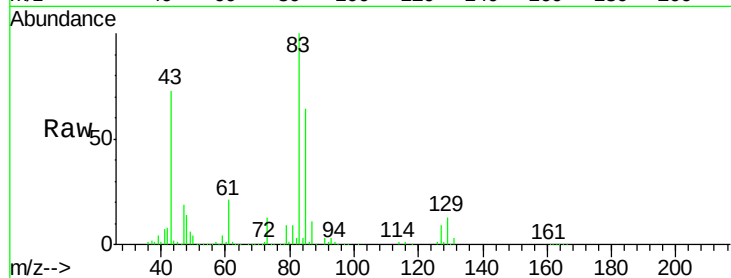
ClientSampled :

ICVVX040818

Tot Ion:	83	Resp:	210603
Ion	Ratio	Lower	Upper
83	100		
85	64.0	51.0	76.4
127	9.5	7.4	11.2

Manual Integrations
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#48

Methyl methacrylate

Concen: 45.53 ug/l

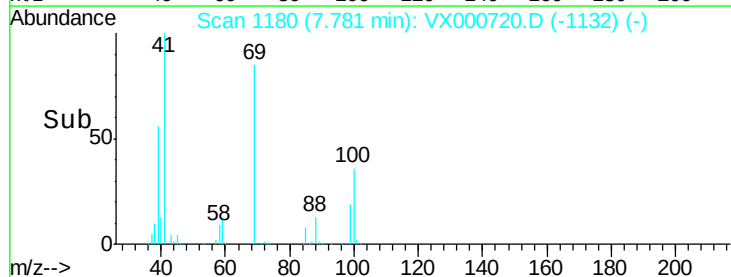
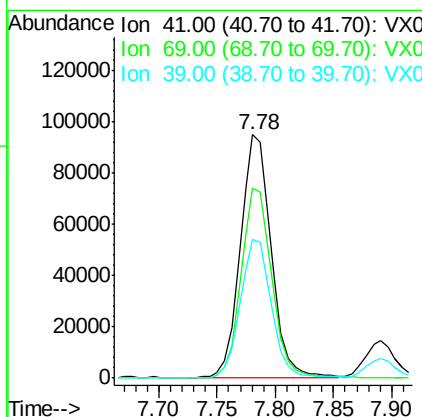
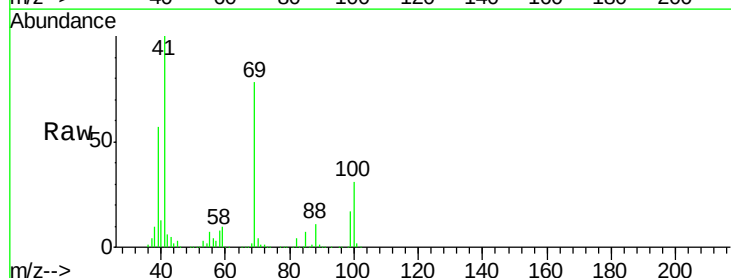
RT: 7.78 min Scan# 1180

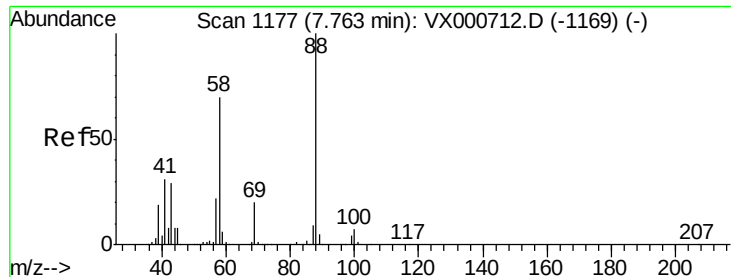
Delta R.T. -0.01 min

Lab File: VX000720.D

Acq: 08 Apr 2018 09:56

Tgt Ion:	41	Resp:	173784
Ion	Ratio	Lower	Upper
41	100		
69	78.2	62.0	93.0
39	57.5	47.0	70.4





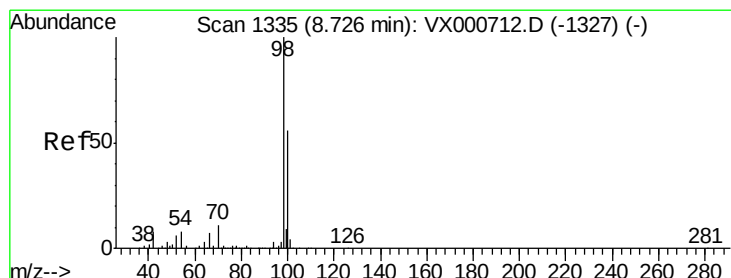
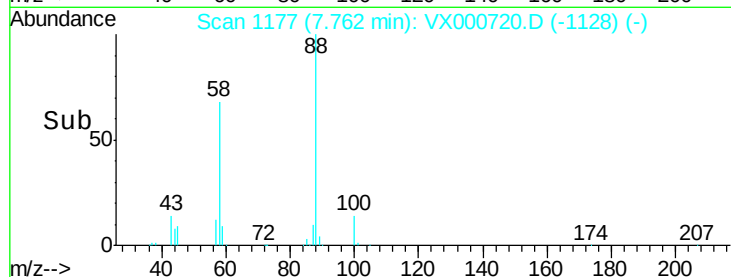
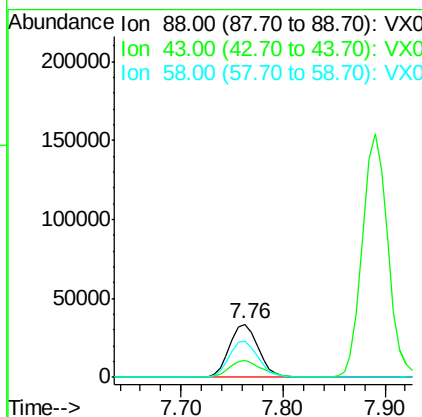
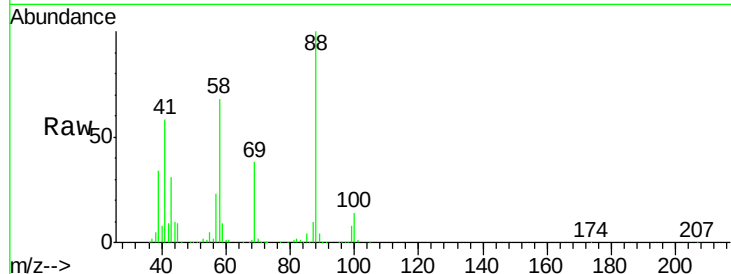
#49
 1,4-Dioxane
 Concen: 869.42 ug/l
 RT: 7.76 min Scan# 1177
 Delta R.T. -0.00 min
 Lab File: VX000720.D
 Acq: 08 Apr 2018 09:56

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX040818

Tot Ion	Ratio	Lower	Upper
88	100		
43	34.3	27.9	41.9
58	69.7	57.0	85.4

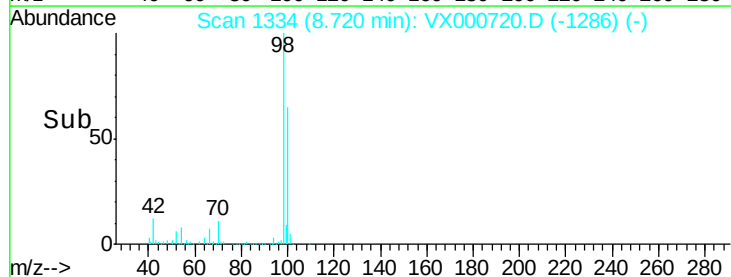
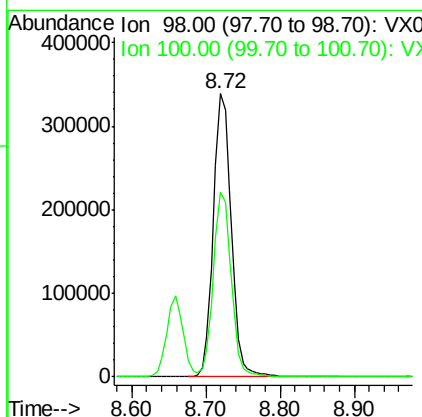
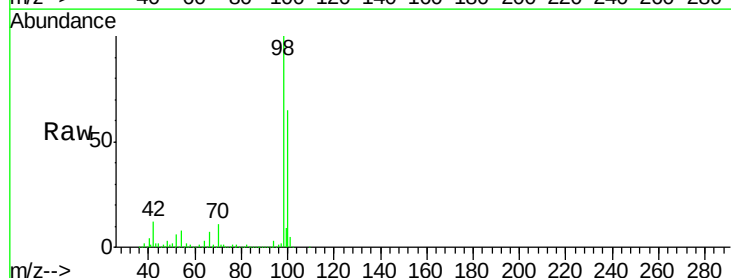
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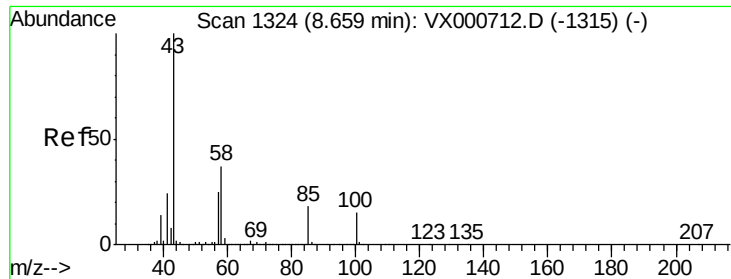
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#50
 Toluene-d8
 Concen: 48.54 ug/l
 RT: 8.72 min Scan# 1334
 Delta R.T. -0.01 min
 Lab File: VX000720.D
 Acq: 08 Apr 2018 09:56

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.4	52.6	78.8





#51

4-Methyl-2-Pentanone

Concen: 222.54 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX000720.D

Acq: 08 Apr 2018 09:56

Instrument :

MSVOA_X

ClientSampleId :

ICVVX040818

Tot Ion: 43 Resp: 978056

Ion Ratio Lower Upper

43 100

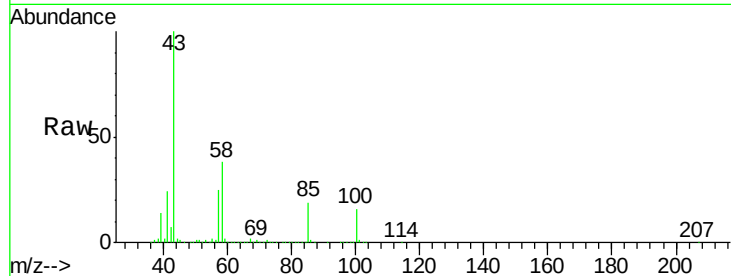
58 37.6 30.6 46.0

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.66

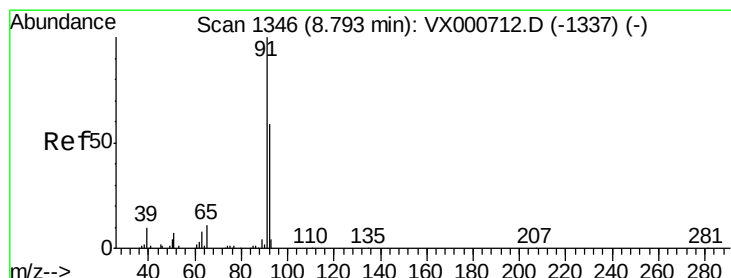
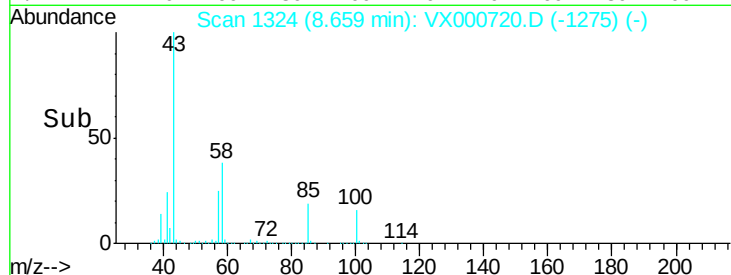
600000

400000

200000

0

Time-->



#52

Toluene

Concen: 48.30 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. -0.00 min

Lab File: VX000720.D

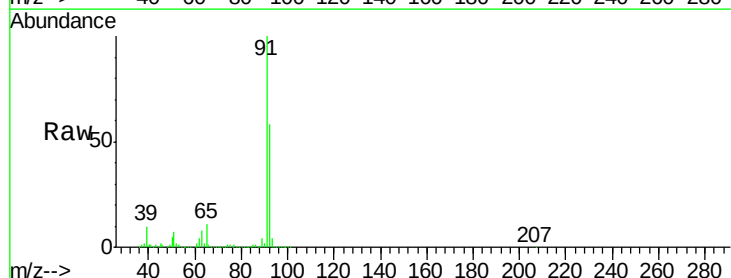
Acq: 08 Apr 2018 09:56

Tgt Ion: 92 Resp: 365522

Ion Ratio Lower Upper

92 100

91 171.5 136.4 204.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.79

400000

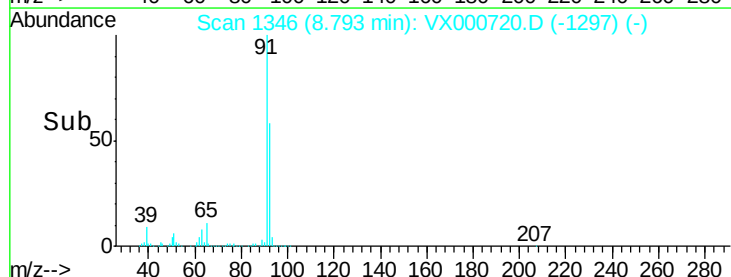
300000

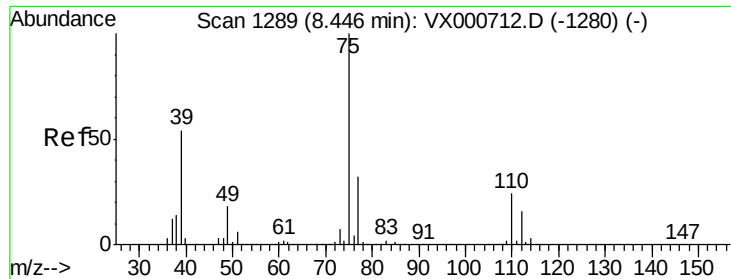
200000

100000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 48.72 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. -0.01 min

Lab File: VX000720.D

Acq: 08 Apr 2018 09:56

Instrument :

MSVOA_X

ClientSampleId :

ICVVX040818

Tot Ion: 75 Resp: 253412

Ion Ratio Lower Upper

75 100

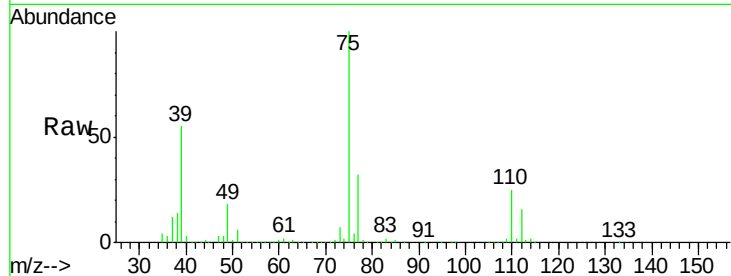
77 32.2 25.4 38.0

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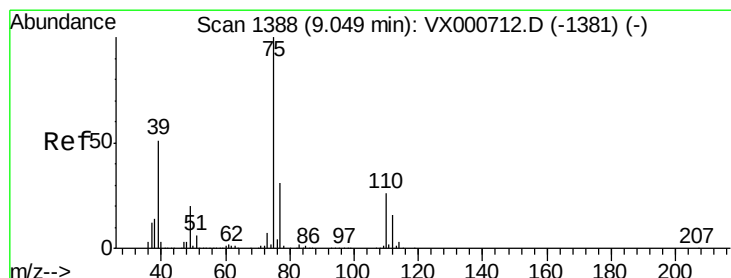
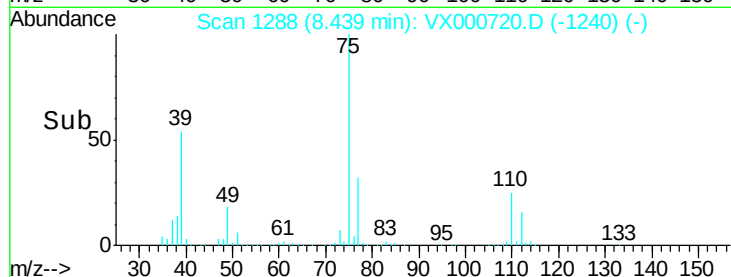
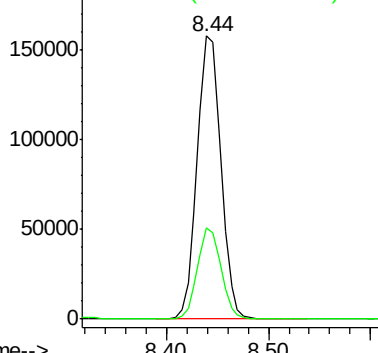
sam

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Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 48.66 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. -0.00 min

Lab File: VX000720.D

Acq: 08 Apr 2018 09:56

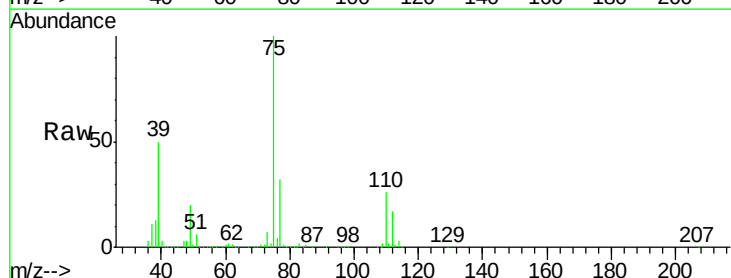
Tgt Ion: 75 Resp: 251302

Ion Ratio Lower Upper

75 100

77 31.8 25.2 37.8

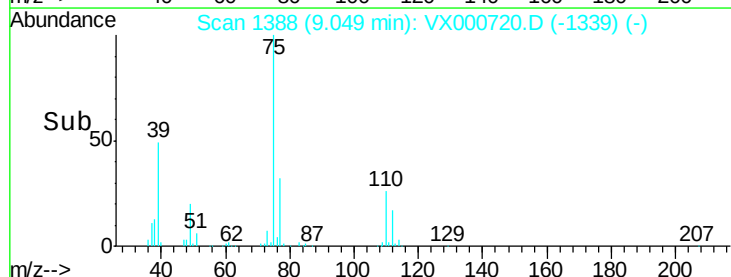
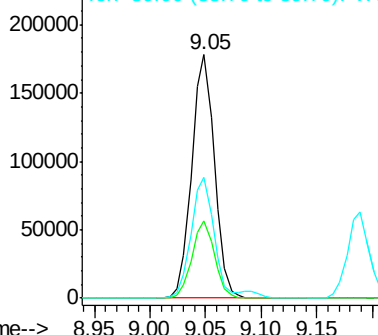
39 49.5 40.5 60.7

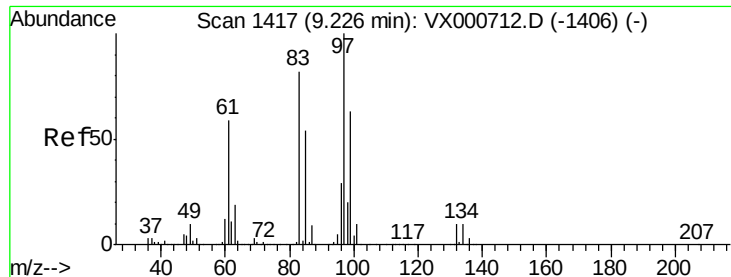


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0





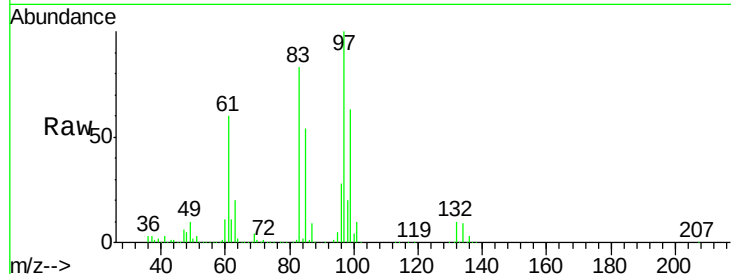
#55
 1,1,2-Trichloroethane
 Concen: 48.15 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.01 min
 Lab File: VX000720.D
 Acq: 08 Apr 2018 09:56

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX040818

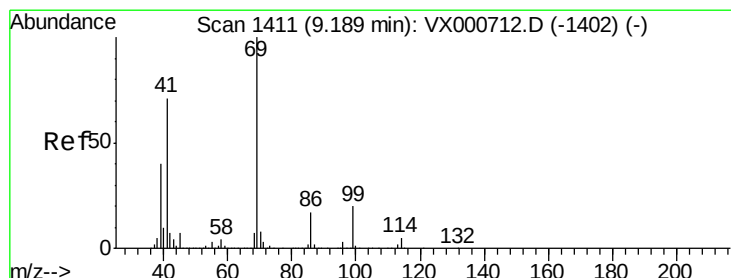
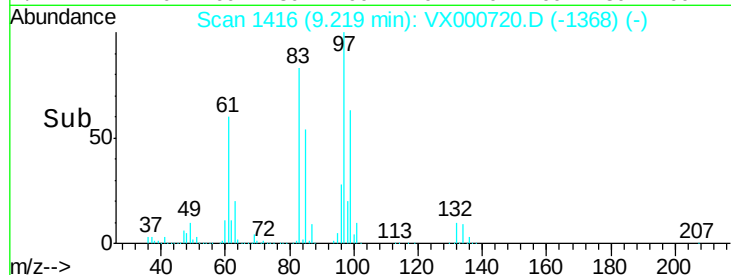
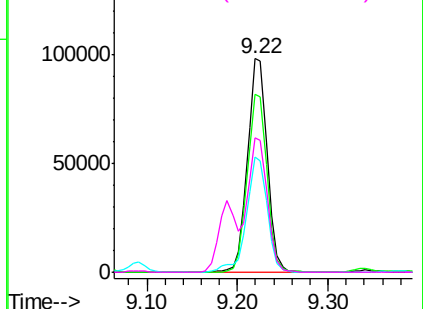
Tot Ion:	97	Resp:	148214
Ion	Ratio	Lower	Upper
97	100		
83	83.2	65.7	98.5
85	54.0	42.8	64.2
99	62.8	50.6	76.0

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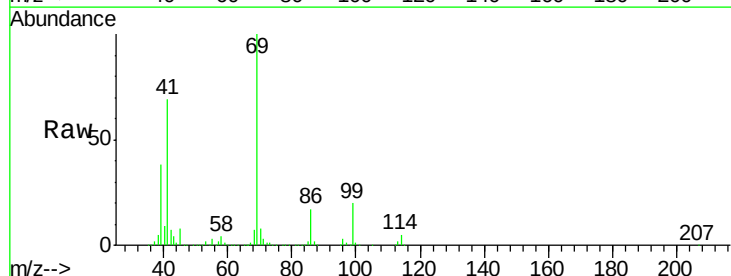


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

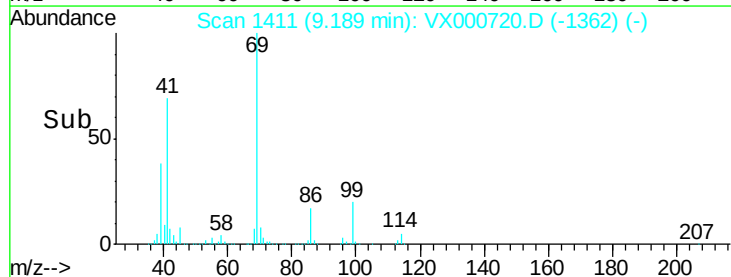
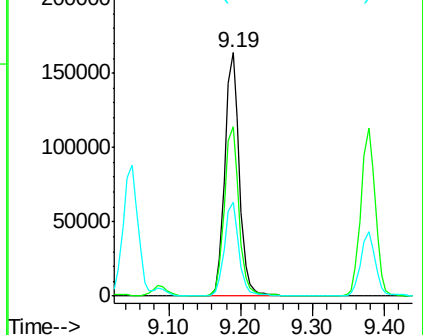


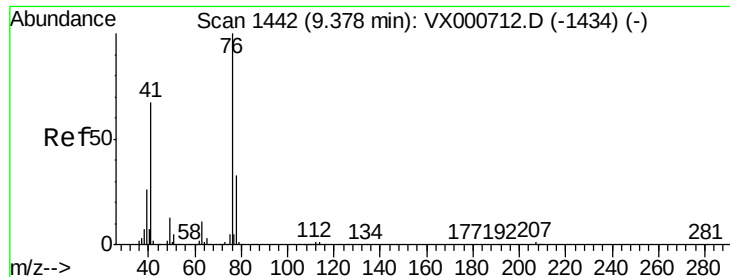
#56
 Ethyl methacrylate
 Concen: 47.06 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. -0.00 min
 Lab File: VX000720.D
 Acq: 08 Apr 2018 09:56

Tgt Ion:	69	Resp:	230994
Ion	Ratio	Lower	Upper
69	100		
41	69.7	56.4	84.6
39	38.1	31.4	47.2



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





#57

1,3-Dichloropropane

Concen: 47.78 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VX000720.D

Acq: 08 Apr 2018 09:56

Instrument :

MSVOA_X

ClientSampleId :

ICVVX040818

Tot Ion: 76 Resp: 240615

Ion Ratio Lower Upper

76 100

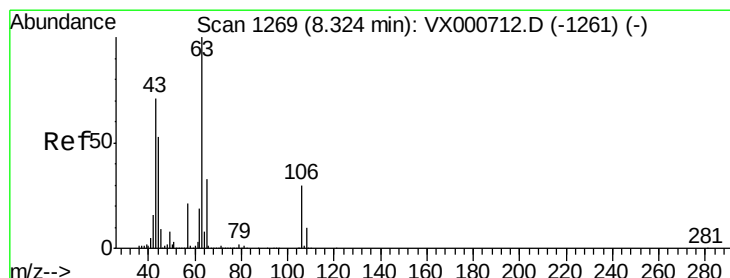
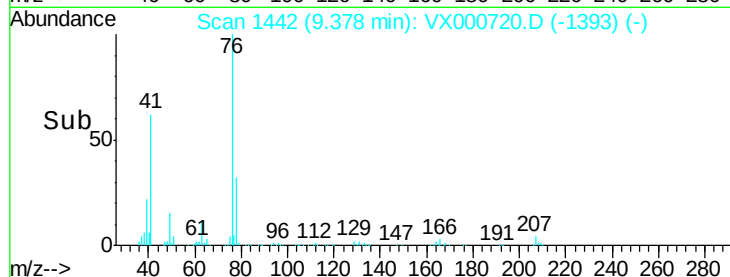
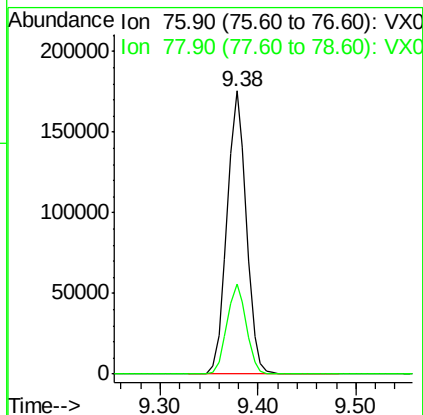
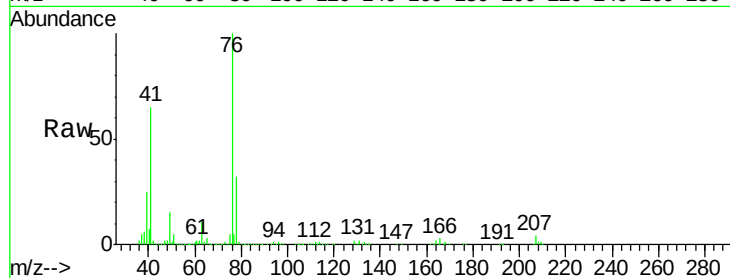
78 32.1 26.2 39.2

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#58

2-Chloroethyl Vinyl ether

Concen: 235.85 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. -0.01 min

Lab File: VX000720.D

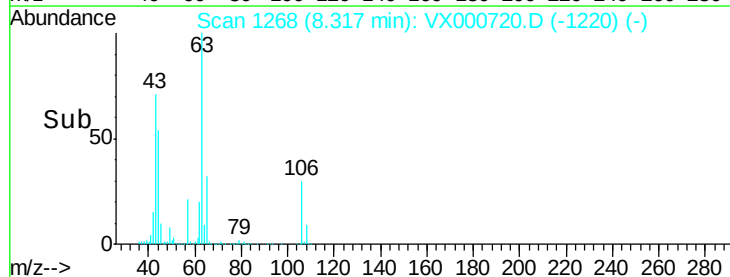
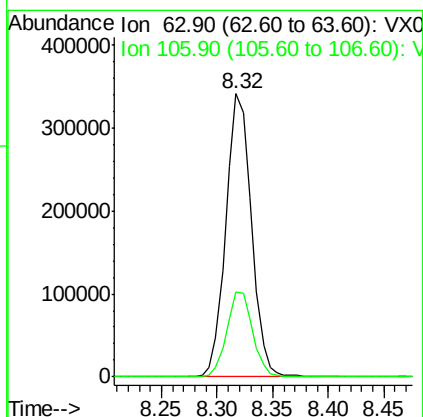
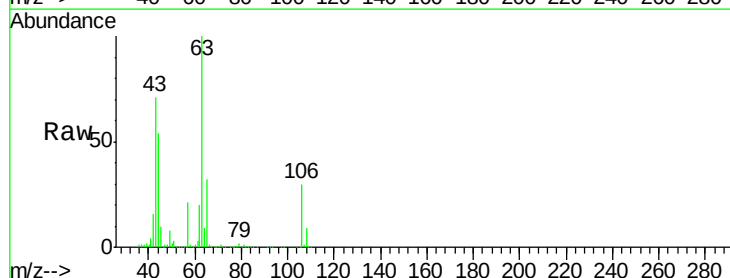
Acq: 08 Apr 2018 09:56

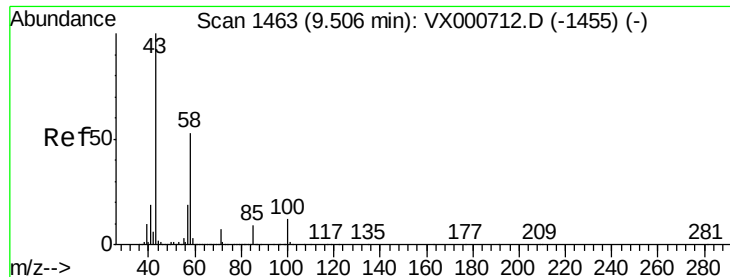
Tgt Ion: 63 Resp: 542208

Ion Ratio Lower Upper

63 100

106 30.5 24.0 36.0





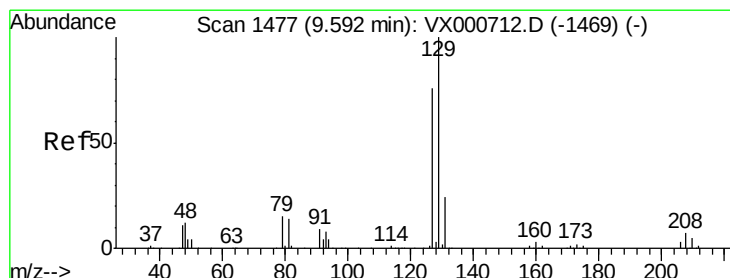
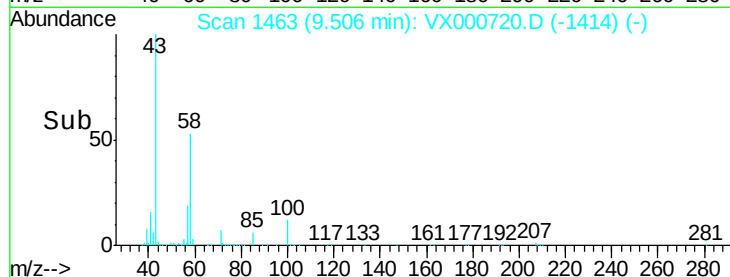
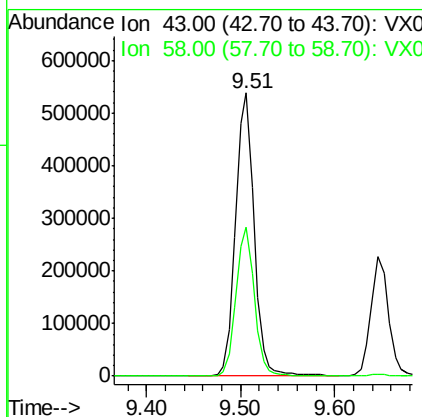
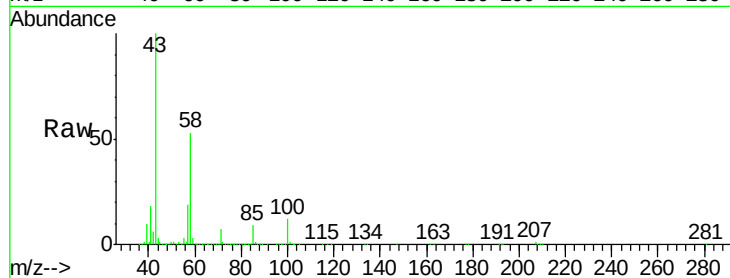
#59
2-Hexanone
Concen: 219.53 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. -0.00 min
Lab File: VX000720.D
Acq: 08 Apr 2018 09:56

Instrument :
MSVOA_X
ClientSampleId :
ICVVX040818

Tot Ion: 43 Resp: 736383
Ion Ratio Lower Upper
43 100
58 52.3 25.9 77.8

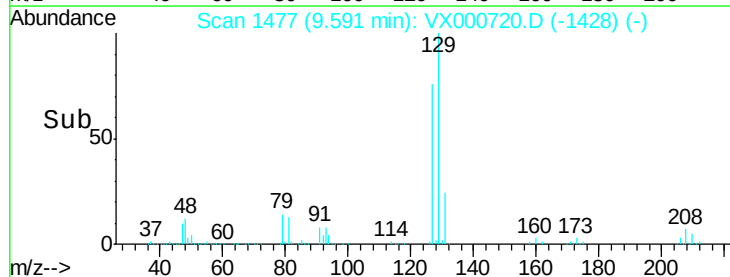
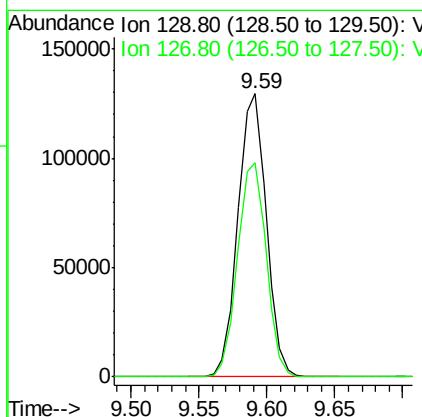
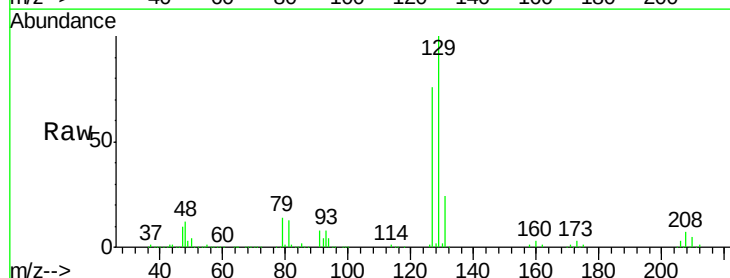
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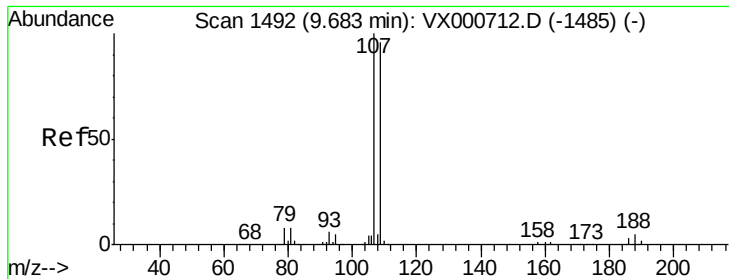
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#60
Dibromochloromethane
Concen: 49.18 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. -0.00 min
Lab File: VX000720.D
Acq: 08 Apr 2018 09:56

Tgt Ion: 129 Resp: 188835
Ion Ratio Lower Upper
129 100
127 76.7 38.2 114.6





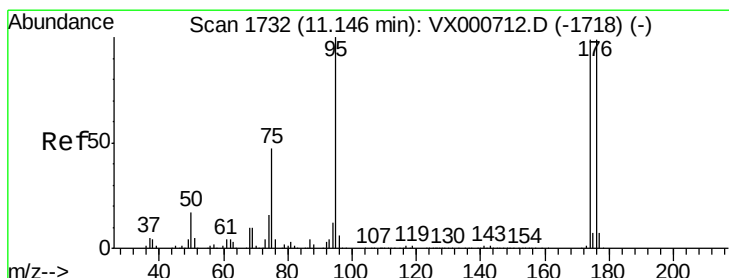
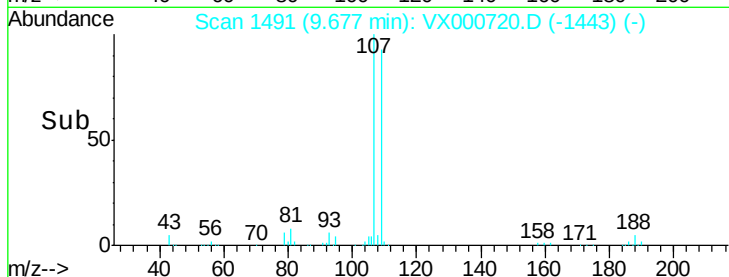
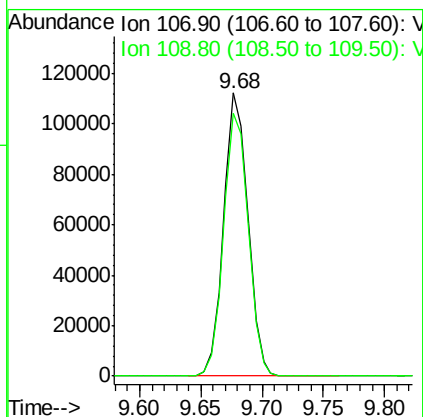
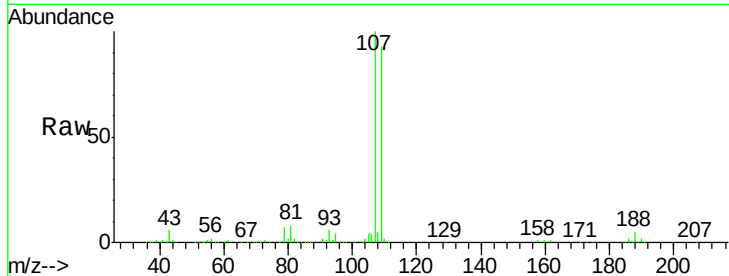
#61
 1,2-Dibromoethane
 Concen: 46.74 ug/l
 RT: 9.68 min Scan# 1491
 Delta R.T. -0.01 min
 Lab File: VX000720.D
 Acq: 08 Apr 2018 09:56

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX040818

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.1	76.6	115.0

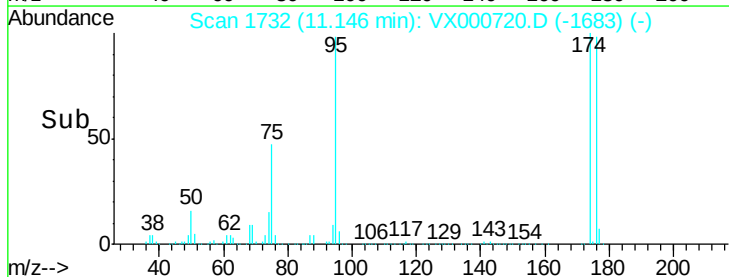
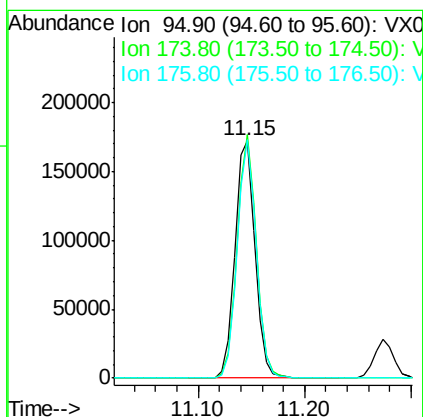
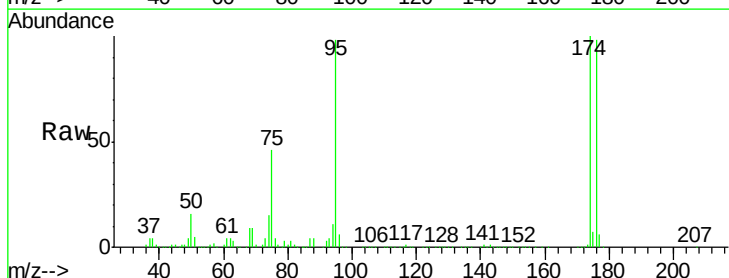
Manual Integrations
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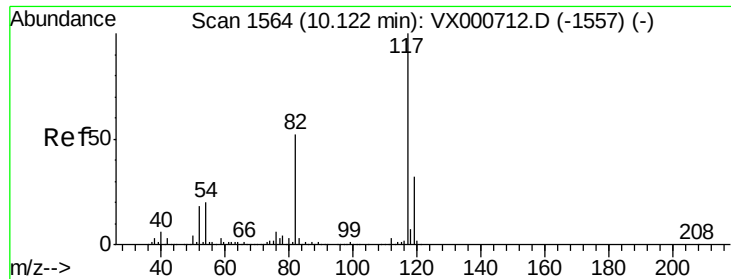
sam
 4/9/2018 2:03:04 PM



#62
 4-Bromofluorobenzene
 Concen: 47.61 ug/l
 RT: 11.15 min Scan# 1732
 Delta R.T. -0.00 min
 Lab File: VX000720.D
 Acq: 08 Apr 2018 09:56

Tgt Ion	Ratio	Lower	Upper
95	100		
174	98.2	0.0	191.6
176	95.6	0.0	187.0





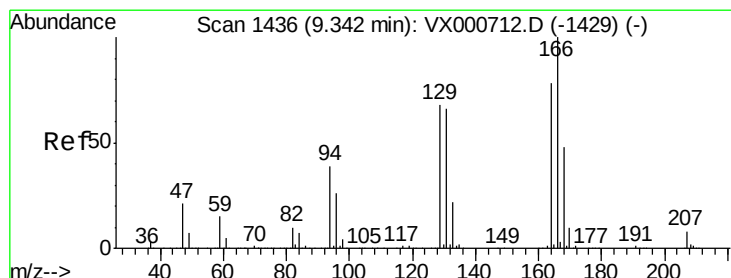
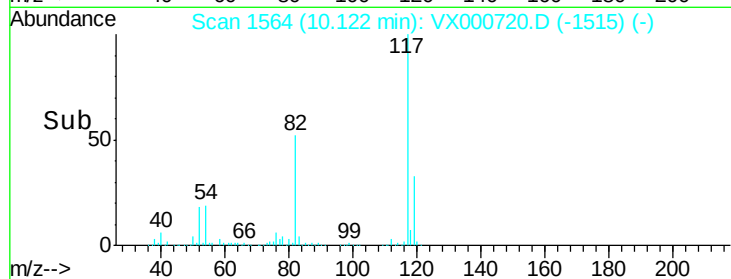
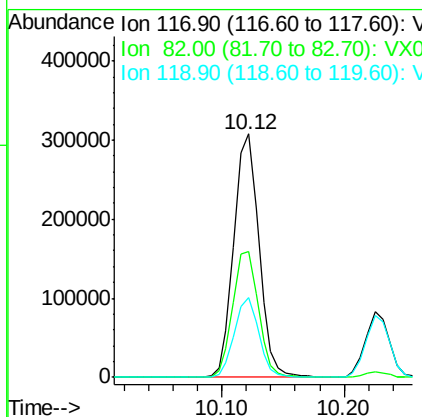
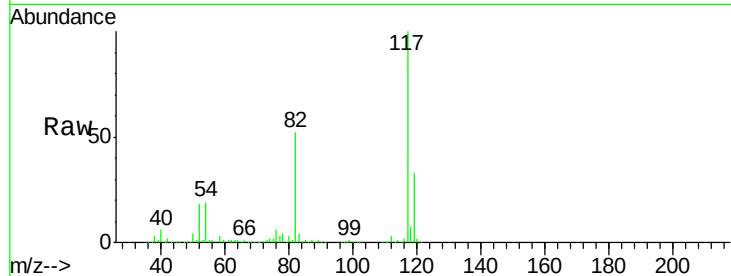
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000720.D
Acq: 08 Apr 2018 09:56

Instrument :
MSVOA_X
ClientSampleId :
ICVVX040818

Tot Ion	Ratio	Resp	Lower	Upper
117	100	437161		
82	51.5	41.9	62.9	
119	33.0	25.8	38.8	

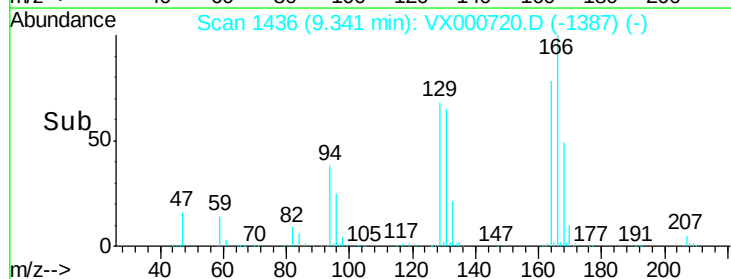
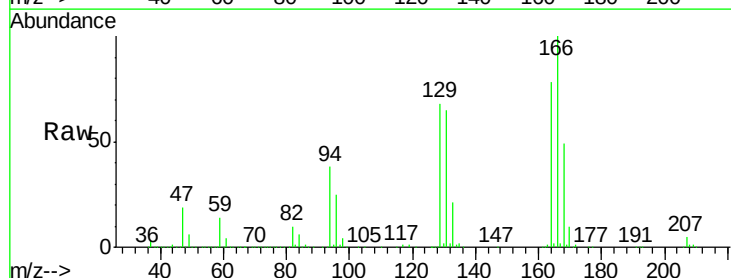
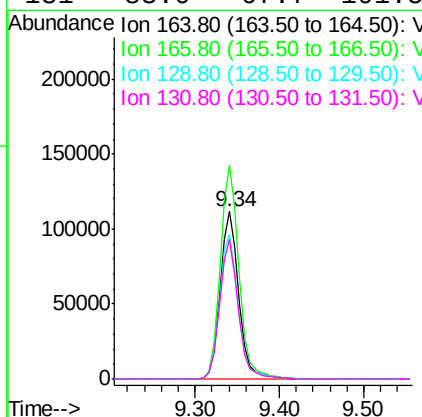
Manual Integrations
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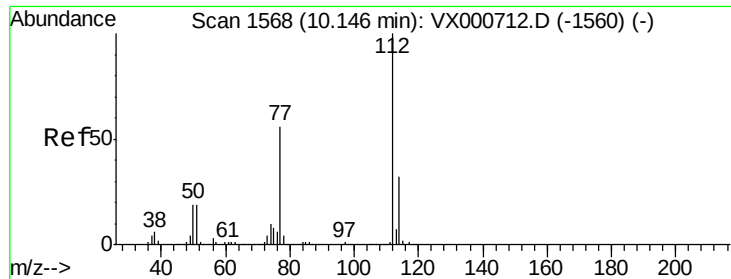
sam
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#64
Tetrachloroethene
Concen: 49.69 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX000720.D
Acq: 08 Apr 2018 09:56

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	170299		
166	127.5	102.4	153.6	
129	86.3	69.3	103.9	
131	83.0	67.7	101.5	





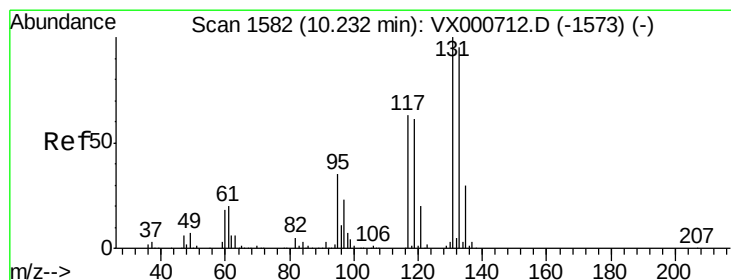
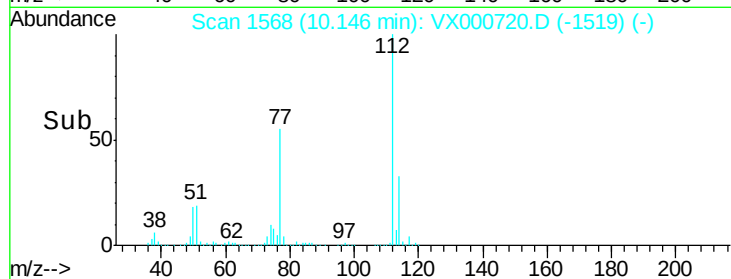
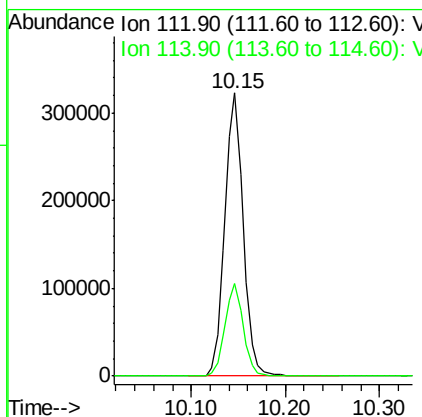
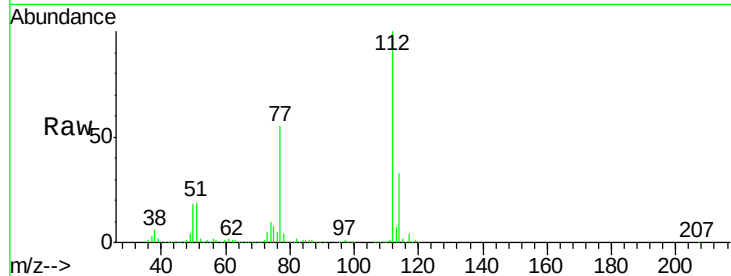
#65
Chlorobenzene
Concen: 48.70 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX000720.D
Acq: 08 Apr 2018 09:56

Instrument :
MSVOA_X
ClientSampleId :
ICVVX040818

Tot Ion:112 Resp: 438243
Ion Ratio Lower Upper
112 100
114 32.7 25.8 38.6

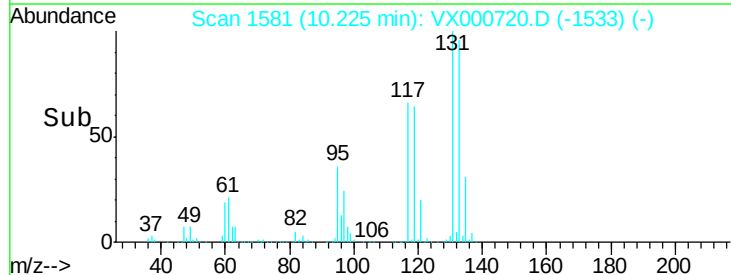
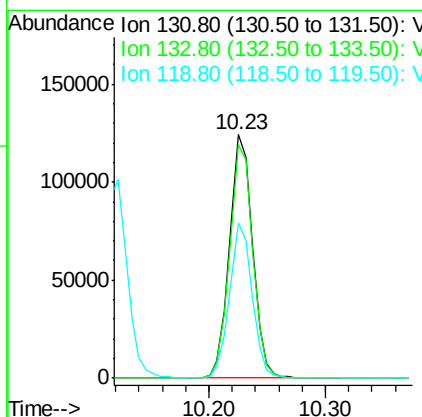
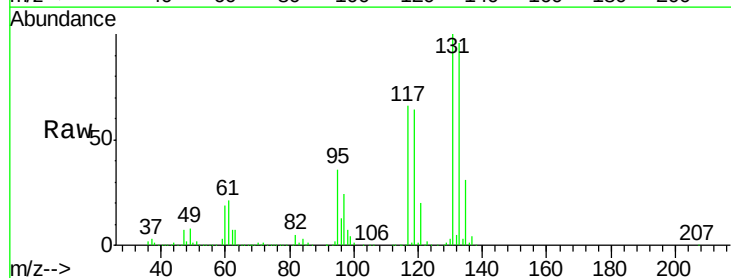
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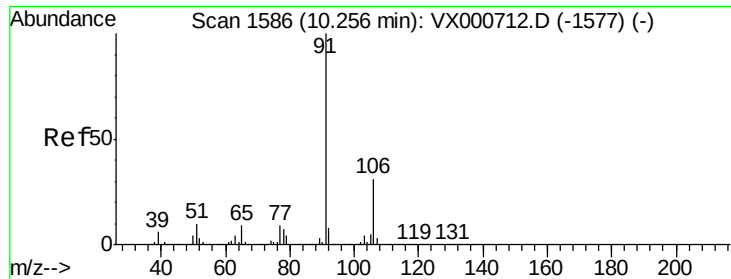
sam
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#66
1,1,1,2-Tetrachloroethane
Concen: 48.90 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. -0.01 min
Lab File: VX000720.D
Acq: 08 Apr 2018 09:56

Tgt Ion:131 Resp: 171814
Ion Ratio Lower Upper
131 100
133 96.3 48.0 144.2
119 62.8 31.5 94.5





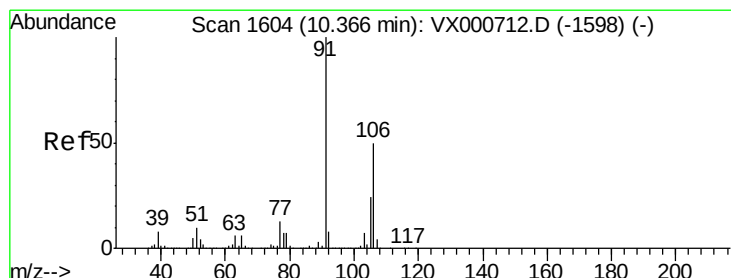
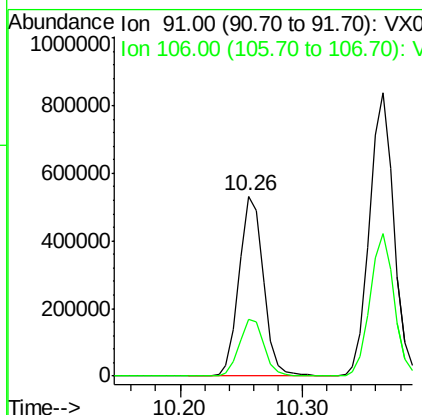
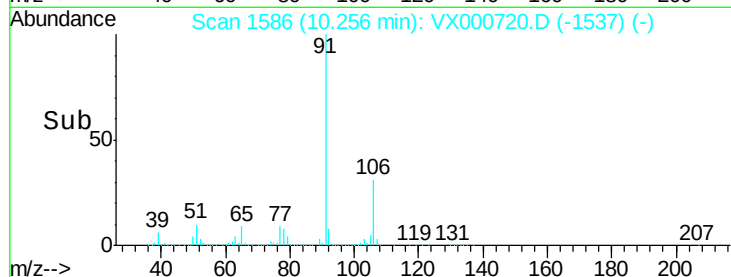
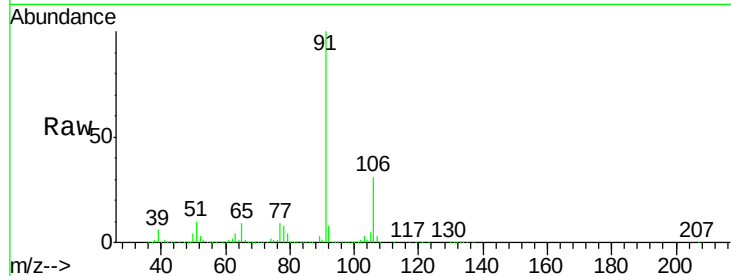
#67
Ethyl Benzene
Concen: 48.59 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX000720.D
Acq: 08 Apr 2018 09:56

Instrument :
MSVOA_X
ClientSampleId :
ICVVX040818

Tot Ion: 91 Resp: 733347
Ion Ratio Lower Upper
91 100
106 31.5 25.1 37.7

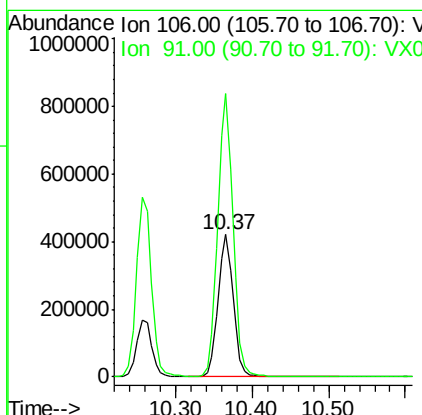
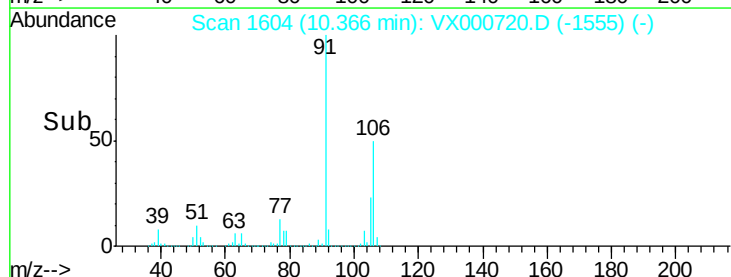
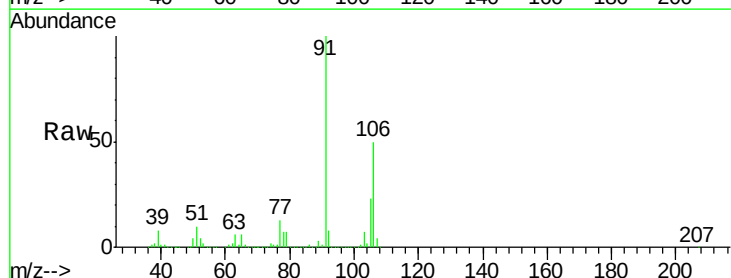
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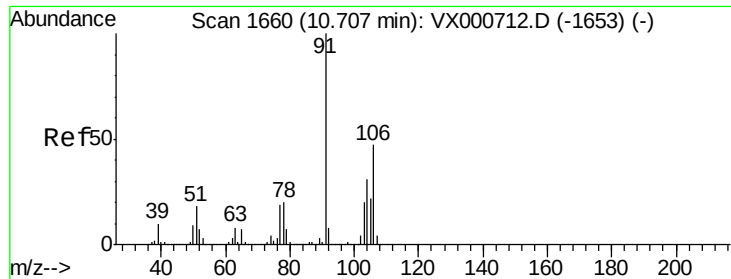
sam
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#68
m/p-Xylenes
Concen: 98.22 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX000720.D
Acq: 08 Apr 2018 09:56

Tgt Ion: 106 Resp: 580028
Ion Ratio Lower Upper
106 100
91 199.9 159.7 239.5





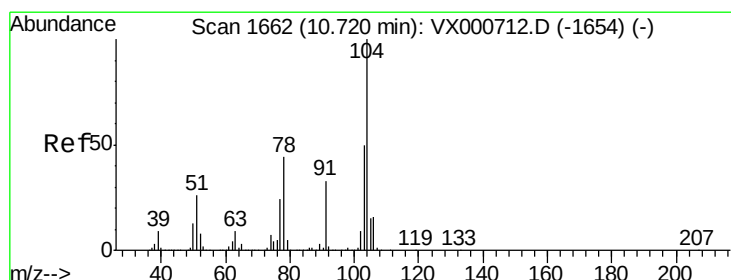
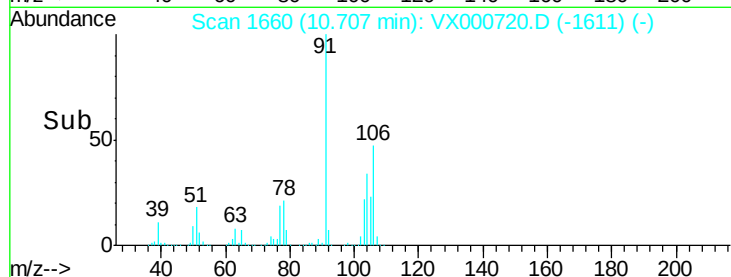
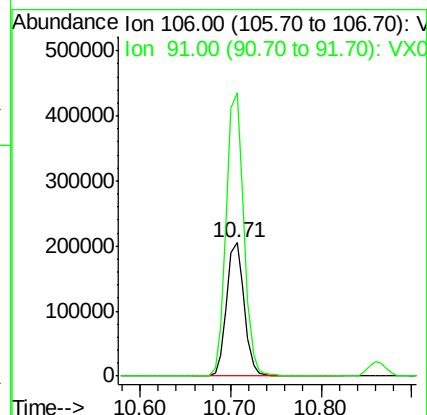
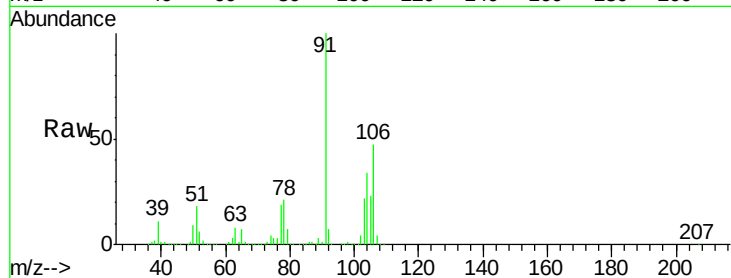
#69
o-Xylene
Concen: 48.16 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX000720.D
Acq: 08 Apr 2018 09:56

Instrument :
MSVOA_X
ClientSampled :
ICVVX040818

Tot Ion	Ratio	Lower	Upper
106	100		
91	212.8	106.1	318.3

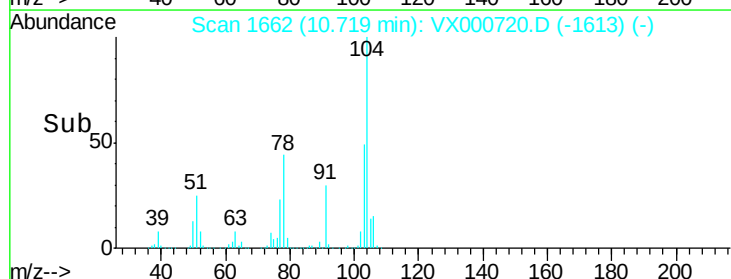
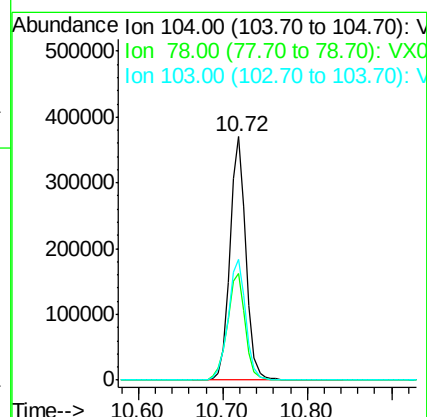
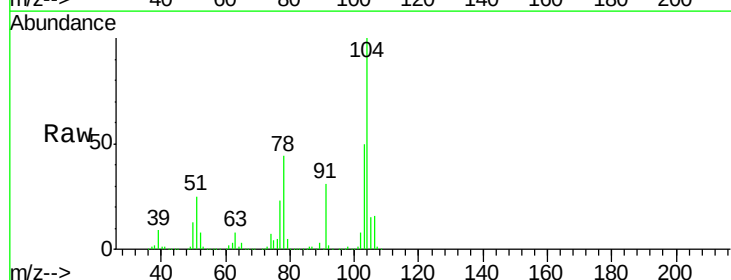
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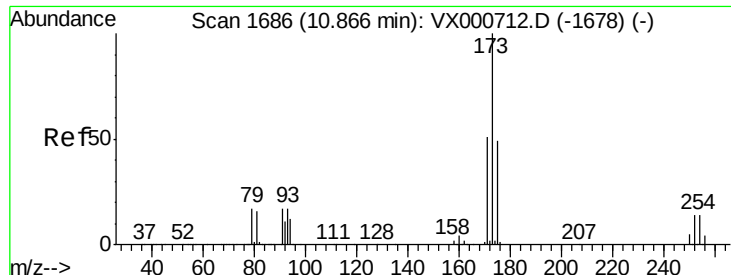
sam
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#70
Styrene
Concen: 49.31 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX000720.D
Acq: 08 Apr 2018 09:56

Tgt Ion	Ratio	Lower	Upper
104	100		
78	49.0	39.8	59.6
103	54.9	44.1	66.1





#71

Bromoform

Concen: 49.39 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. -0.00 min

Lab File: VX000720.D

Acq: 08 Apr 2018 09:56

Instrument :

MSVOA_X

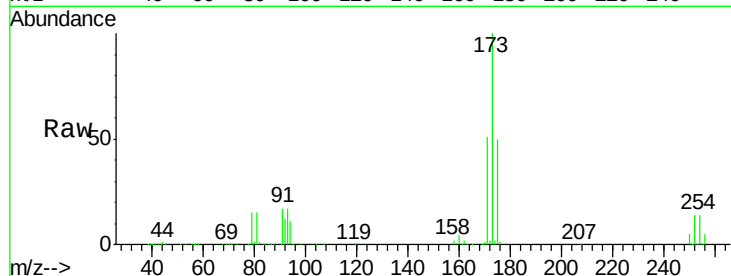
ClientSampleId :

ICVVX040818

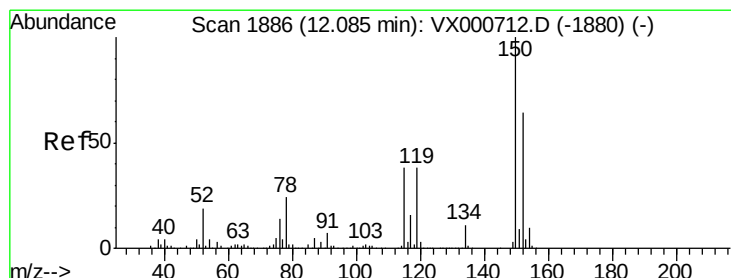
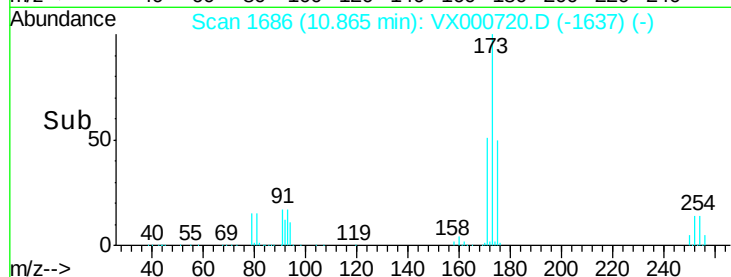
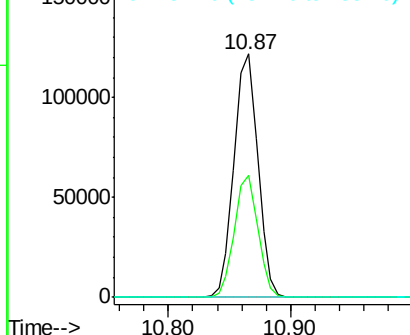
Tot Ion	Ratio	Lower	Upper
173	100		
175	49.5	24.2	72.6
254	0.2	0.1	0.1#

Manual Integrations
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sam
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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

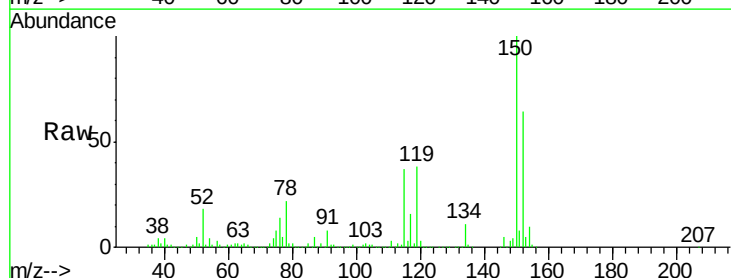
RT: 12.08 min Scan# 1886

Delta R.T. -0.00 min

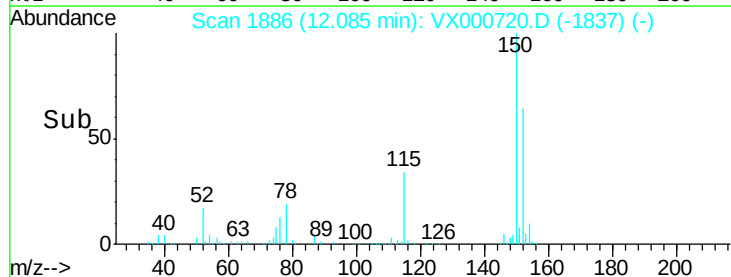
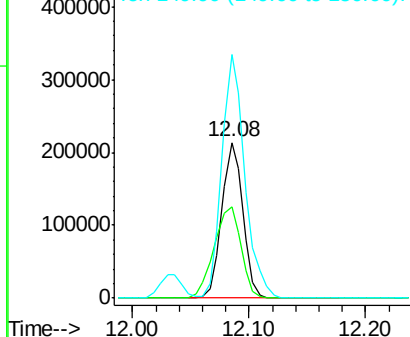
Lab File: VX000720.D

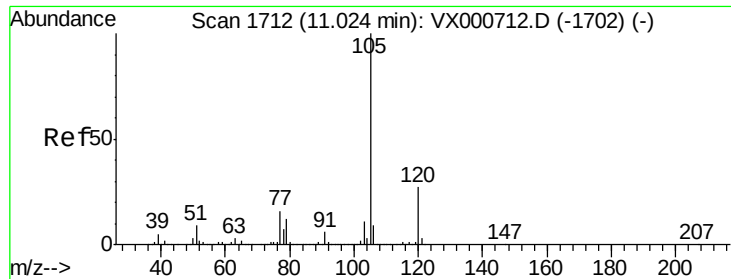
Acq: 08 Apr 2018 09:56

Tgt Ion	Ratio	Lower	Upper
152	100		
115	75.1	37.7	113.1
150	171.3	0.0	345.0



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: 48.90 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX000720.D

Acq: 08 Apr 2018 09:56

Instrument :

MSVOA_X

ClientSampled :

ICVVX040818

Tot Ion:105 Resp: 775542

Ion Ratio Lower Upper

105 100

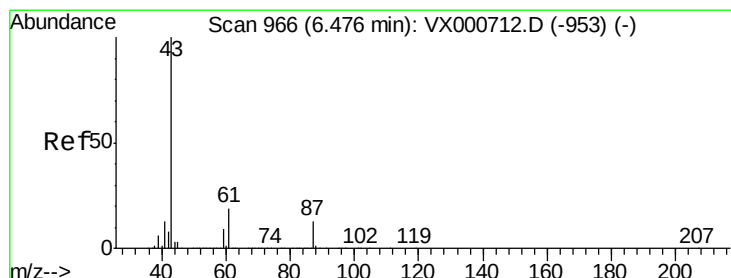
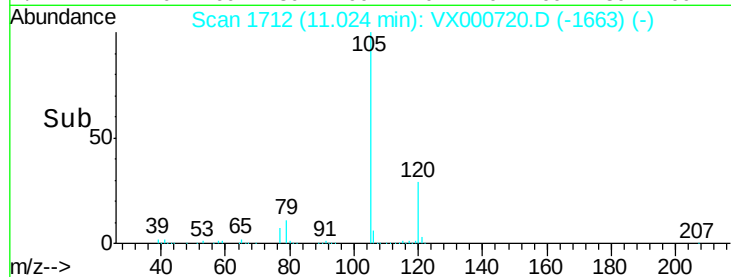
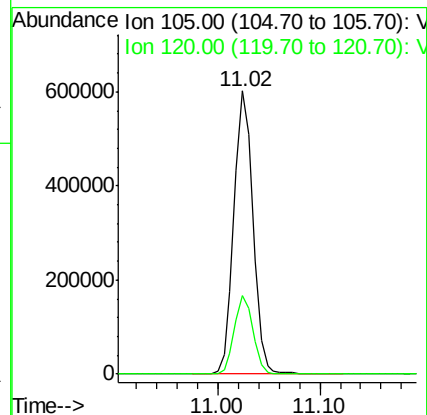
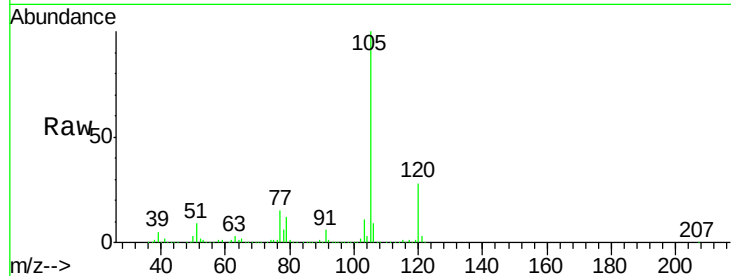
120 27.3 13.7 41.0

Manual Integrations

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sam

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#74

N-ethyl acetate

Concen: 43.78 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.01 min

Lab File: VX000720.D

Acq: 08 Apr 2018 09:56

Tgt Ion: 43 Resp: 337961

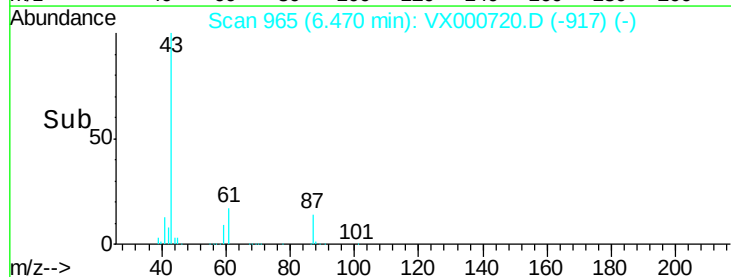
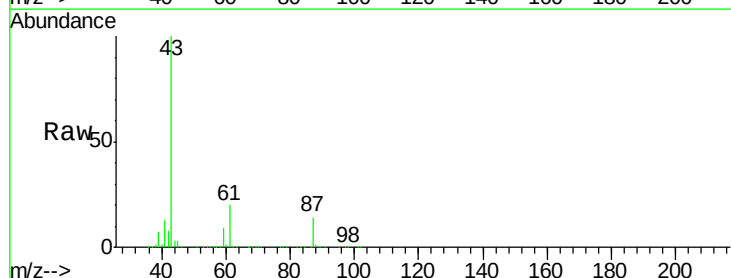
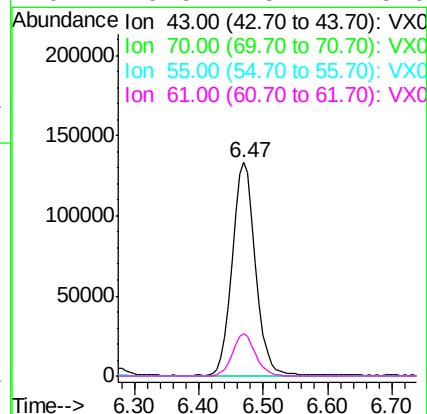
Ion Ratio Lower Upper

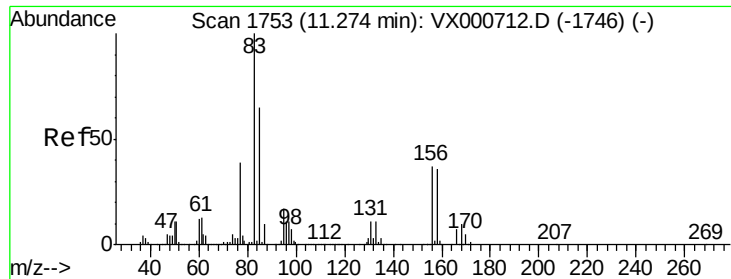
43 100

70 0.0 0.0 0.0

55 0.1 0.0 0.0#

61 19.5 15.4 23.0





#75

1,1,2,2-Tetrachloroethane

Concen: 45.50 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX000720.D

Acq: 08 Apr 2018 09:56

Instrument :

MSVOA_X

ClientSampled :

ICVVX040818

Tot Ion: 83 Resp: 214509

Ion Ratio Lower Upper

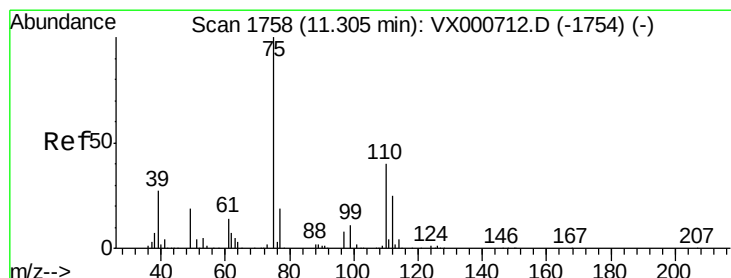
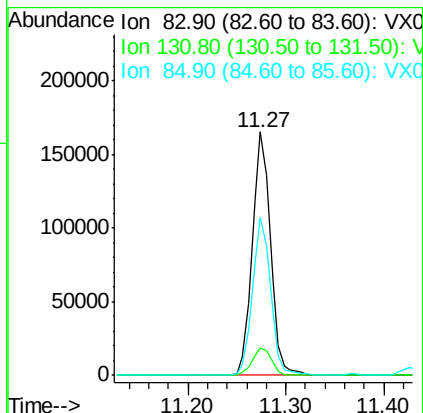
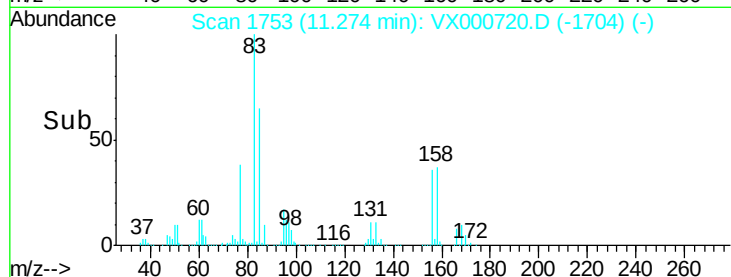
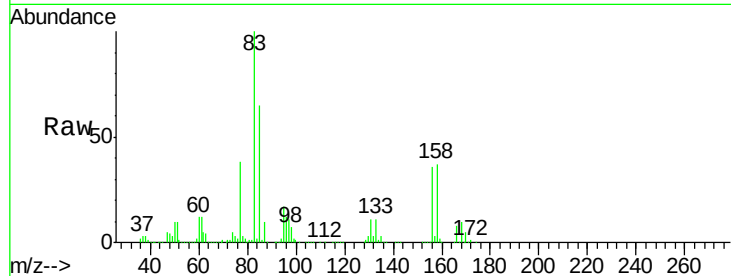
83 100

131 11.8 5.9 17.7

85 64.9 32.6 98.0

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 45.34 ug/l m

RT: 11.30 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VX000720.D

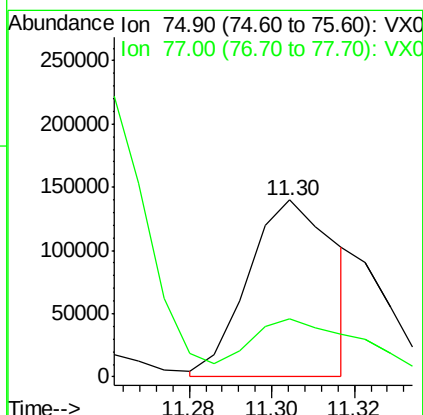
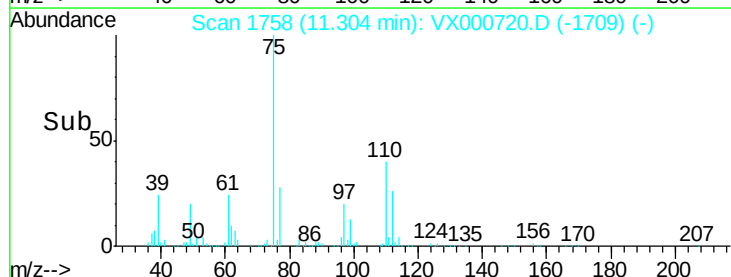
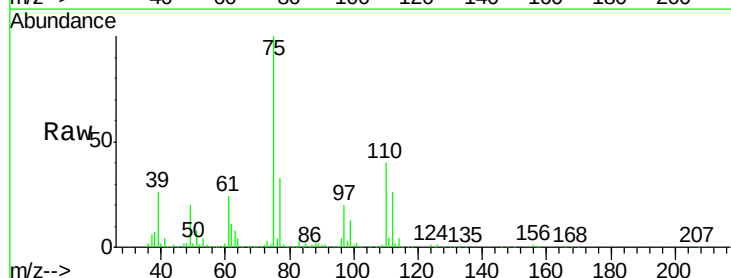
Acq: 08 Apr 2018 09:56

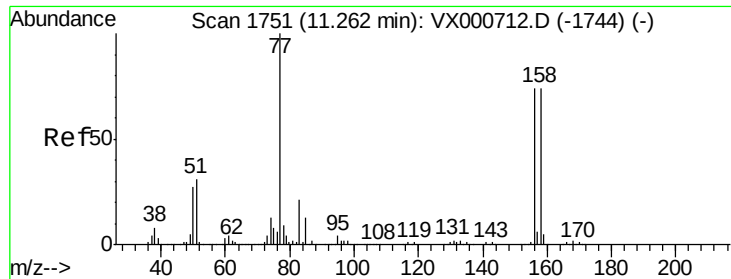
Tgt Ion: 75 Resp: 204662

Ion Ratio Lower Upper

75 100

77 41.8 21.3 63.7





#77

Bromobenzene

Concen: 48.66 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX000720.D

Acq: 08 Apr 2018 09:56

Instrument :

MSVOA_X

ClientSampleId :

ICVVX040818

Tot Ion:156 Resp: 218899

Ion Ratio Lower Upper

156 100

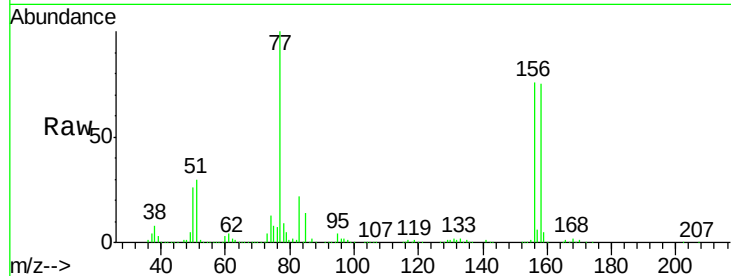
77 134.2 68.3 205.1

158 98.0 49.1 147.3

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sam

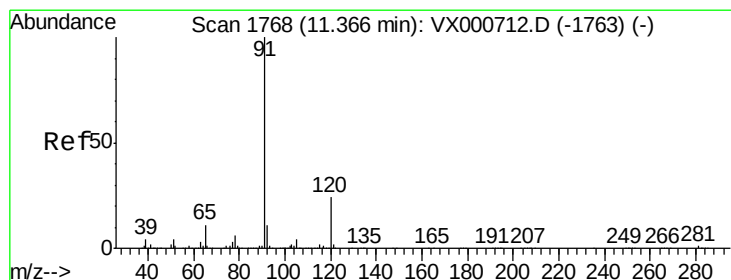
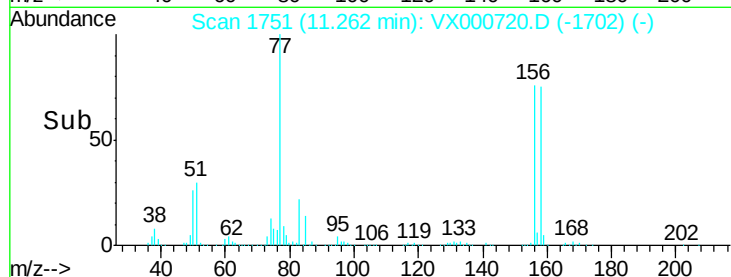
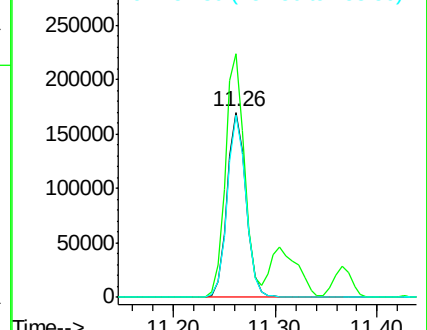
4/9/2018 2:03:04 PM



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 48.64 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX000720.D

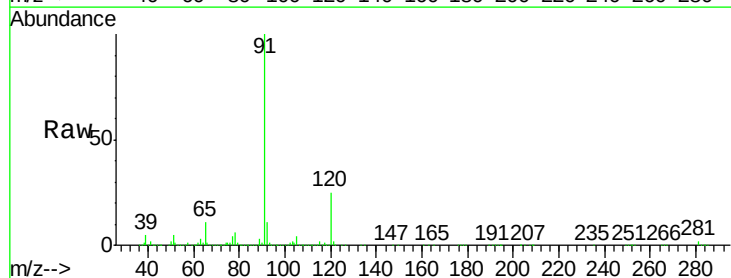
Acq: 08 Apr 2018 09:56

Tgt Ion: 91 Resp: 885225

Ion Ratio Lower Upper

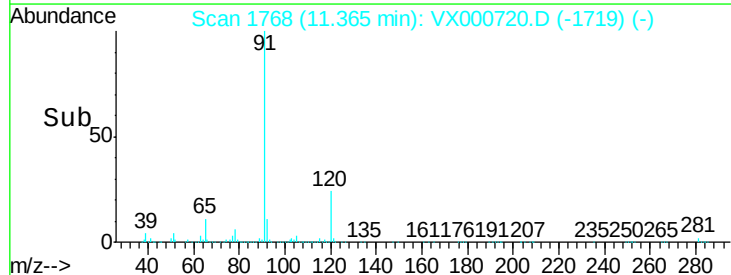
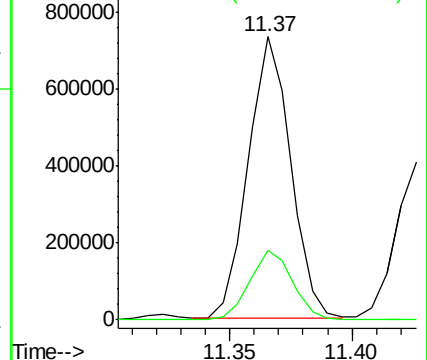
91 100

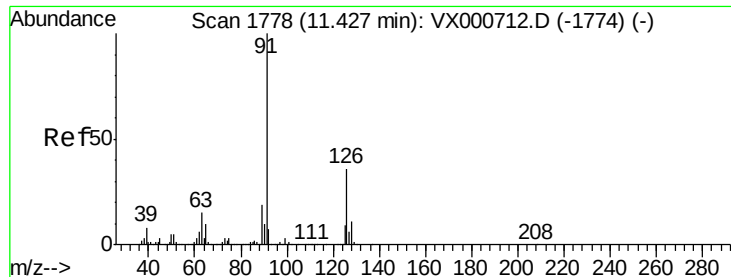
120 25.0 12.5 37.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 47.88 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX000720.D

Acq: 08 Apr 2018 09:56

Instrument :

MSVOA_X

ClientSampleId :

ICVVX040818

Tot Ion: 91 Resp: 519760

Ion Ratio Lower Upper

91 100

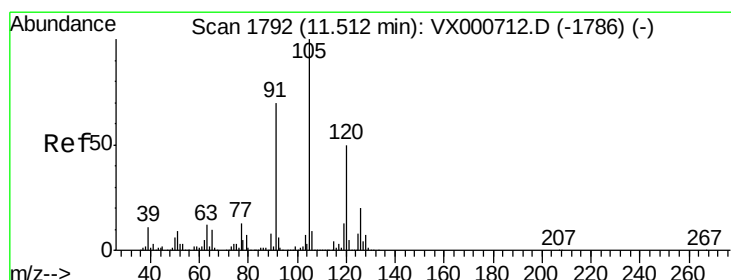
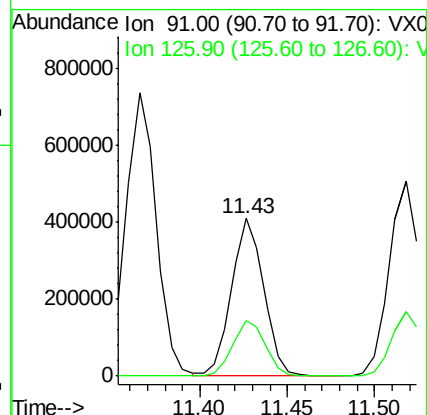
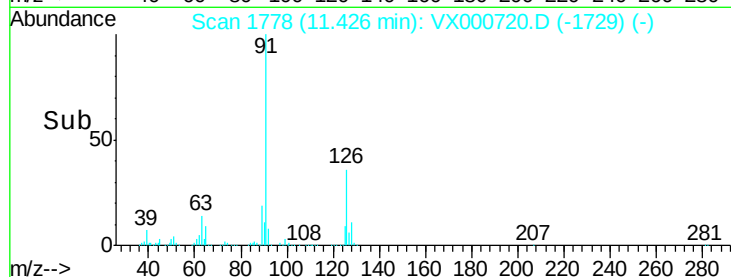
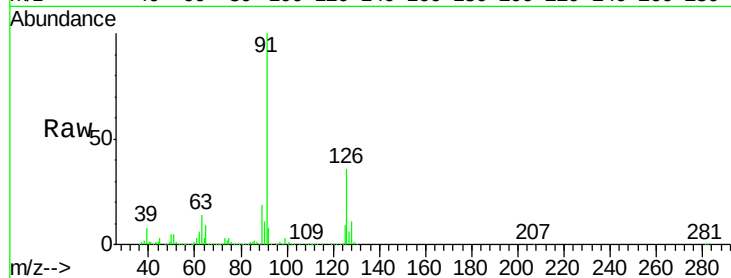
126 36.5 18.3 54.9

Manual Integrations

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sam

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#80

1,3,5-Trimethylbenzene

Concen: 48.48 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX000720.D

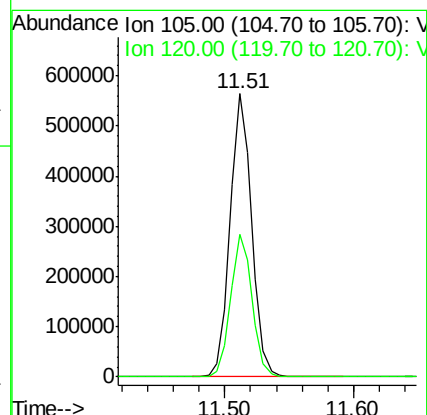
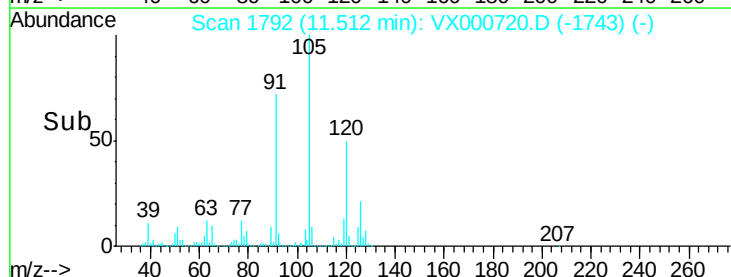
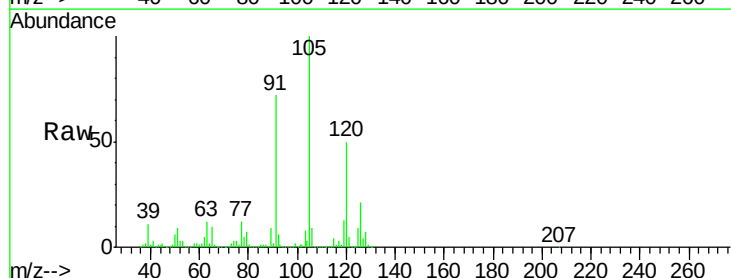
Acq: 08 Apr 2018 09:56

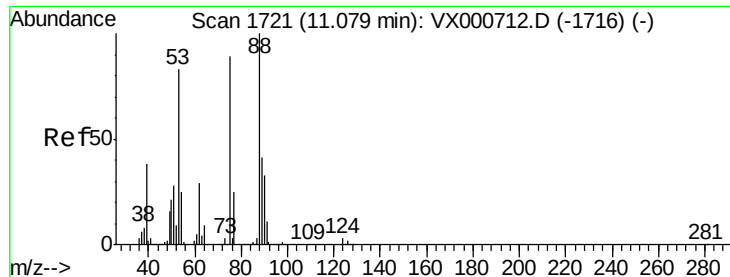
Tgt Ion:105 Resp: 666046

Ion Ratio Lower Upper

105 100

120 50.3 25.1 75.3





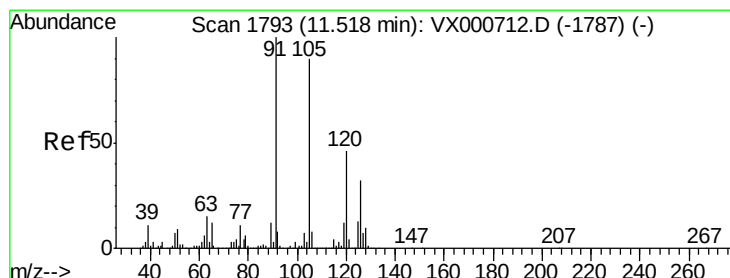
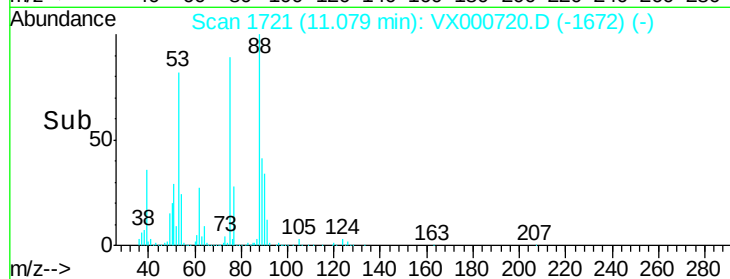
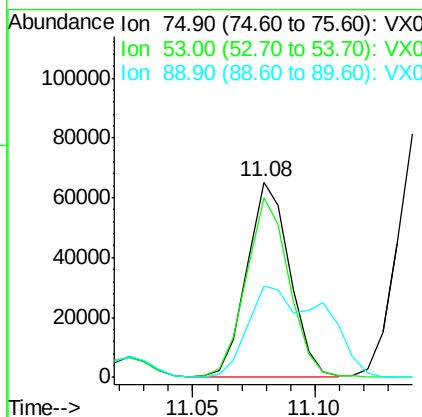
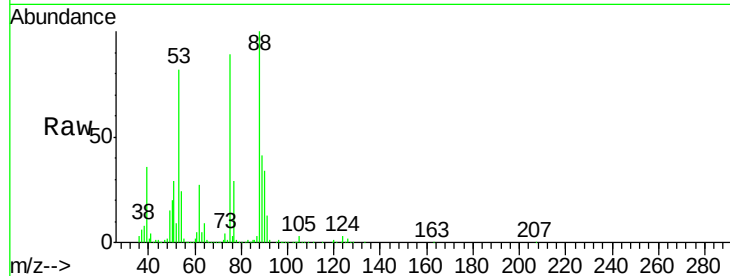
#81
trans-1,4-Dichloro-2-butene
Concen: 45.50 ug/l
RT: 11.08 min Scan# 1721
Delta R.T. -0.00 min
Lab File: VX000720.D
Acq: 08 Apr 2018 09:56

Instrument :
MSVOA_X
ClientSampled :
ICVVX040818

Tot Ion	Ratio	Lower	Upper
75	100		
53	92.9	74.2	111.2
89	83.5	46.6	69.8

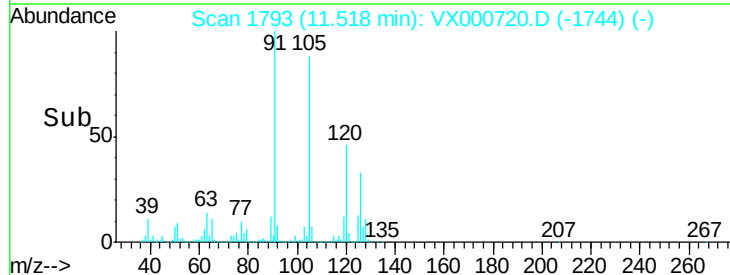
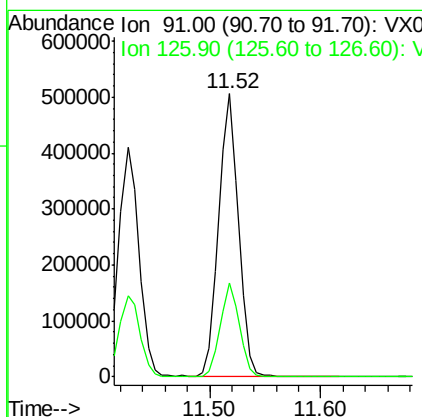
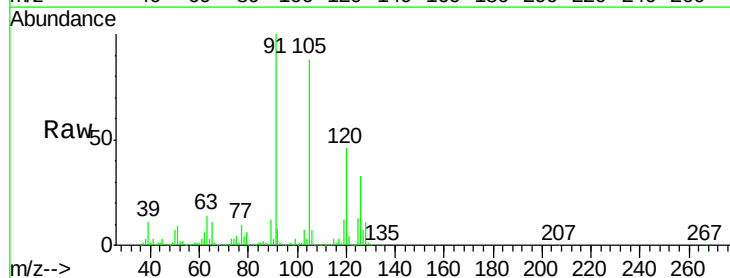
Manual Integrations
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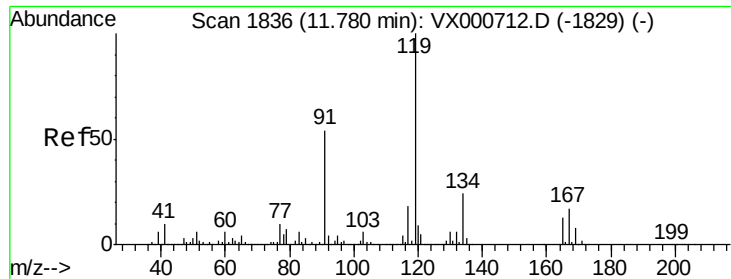
sam
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#82
4-Chlorotoluene
Concen: 48.21 ug/l
RT: 11.52 min Scan# 1793
Delta R.T. -0.00 min
Lab File: VX000720.D
Acq: 08 Apr 2018 09:56

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.1	16.0	48.0





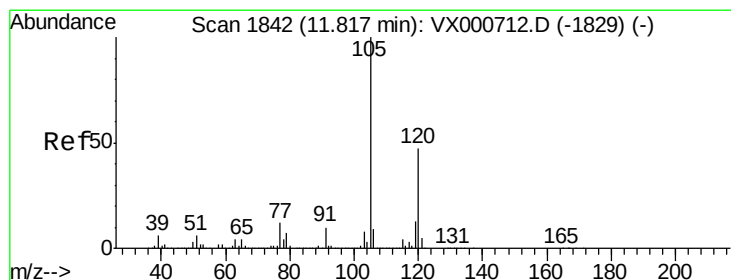
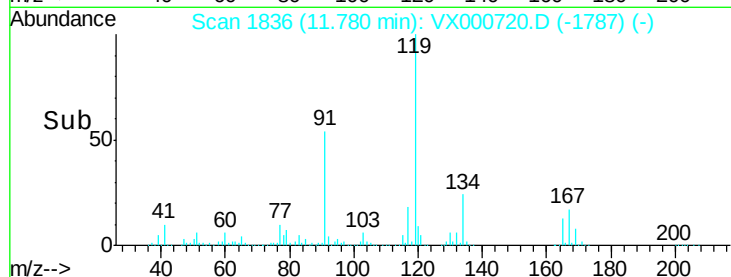
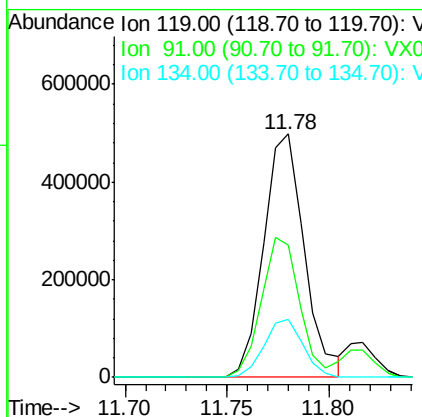
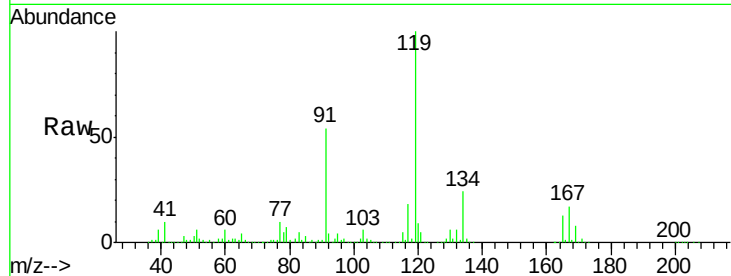
#83
 tert-Butylbenzene
 Concen: 49.16 ug/l
 RT: 11.78 min Scan# 1836
 Delta R.T. -0.00 min
 Lab File: VX000720.D
 Acq: 08 Apr 2018 09:56

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX040818

Tot Ion	Ratio	Lower	Upper
119	100		
91	54.0	27.3	81.8
134	23.0	11.5	34.4

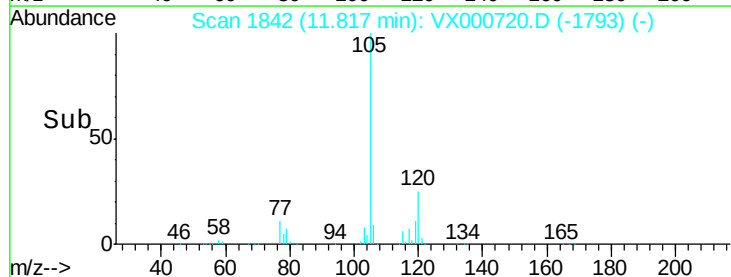
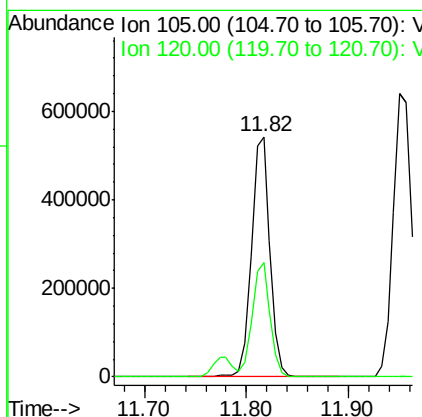
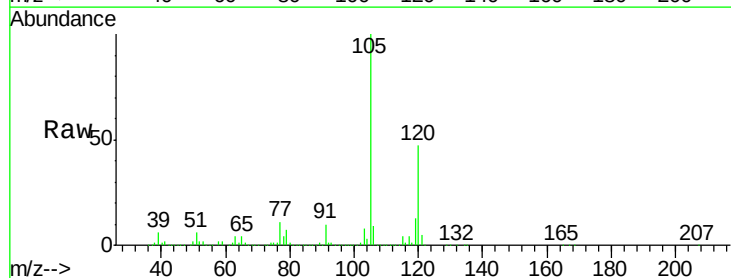
Manual Integrations
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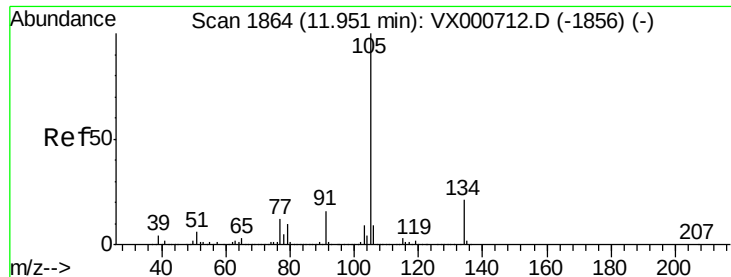
sam
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#84
 1,2,4-Trimethylbenzene
 Concen: 48.22 ug/l
 RT: 11.82 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: VX000720.D
 Acq: 08 Apr 2018 09:56

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.1	22.9	68.5





#85

sec-Butylbenzene

Concen: 49.29 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX000720.D

Acq: 08 Apr 2018 09:56

Instrument :

MSVOA_X

ClientSampleId :

ICVVX040818

Tot Ion:105 Resp: 812336

Ion Ratio Lower Upper

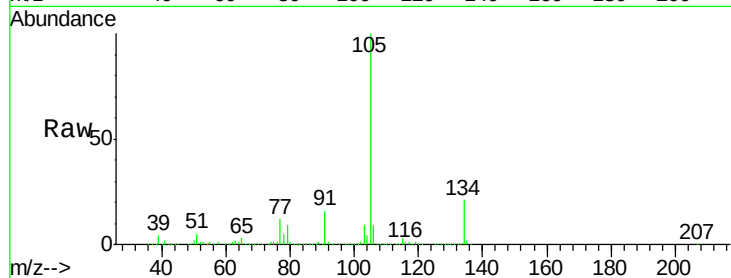
105 100

134 21.4 10.7 32.1

Manual Integrations
APPROVED

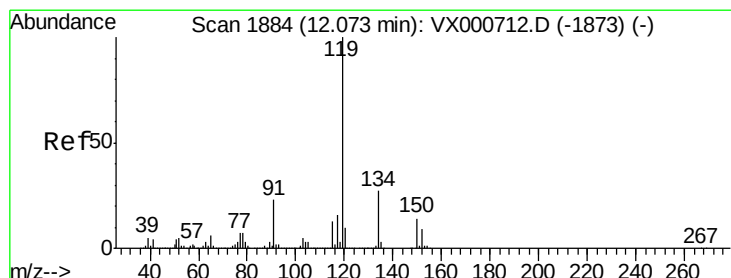
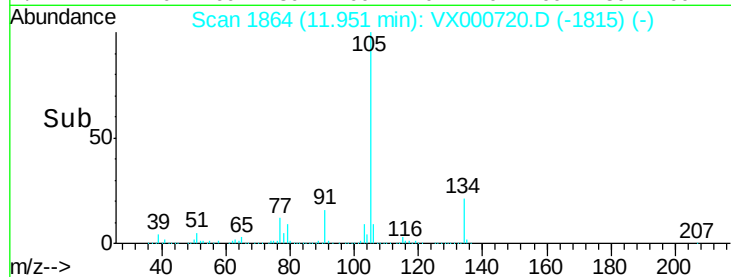
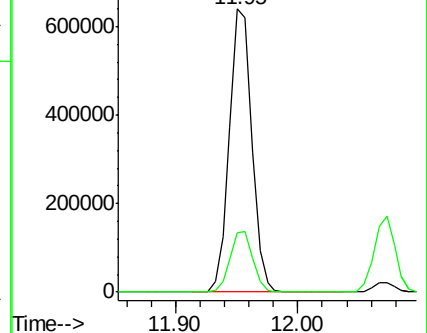
sam

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 49.42 ug/l

RT: 12.07 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VX000720.D

Acq: 08 Apr 2018 09:56

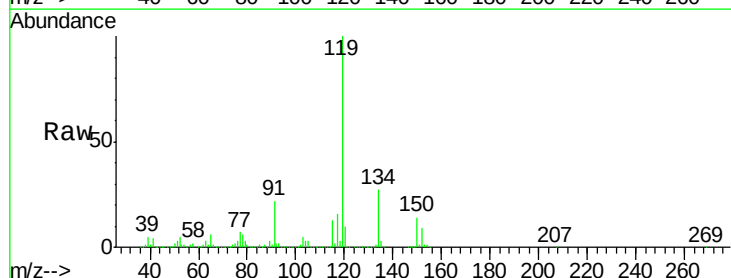
Tgt Ion:119 Resp: 761494

Ion Ratio Lower Upper

119 100

134 27.1 13.4 40.2

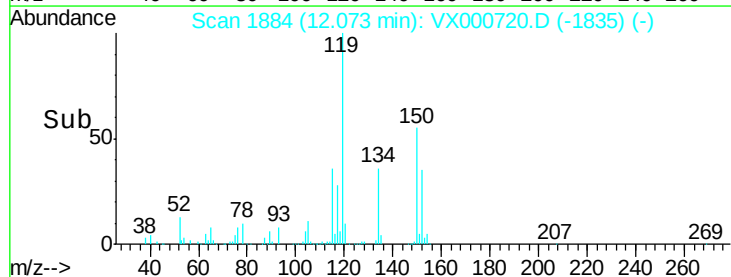
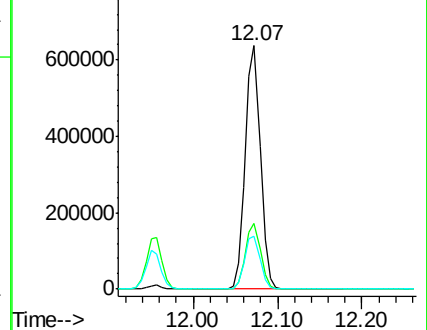
91 22.5 11.5 34.4

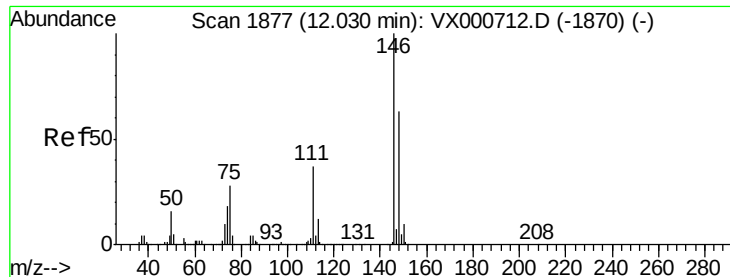


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#87

1,3-Dichlorobenzene

Concen: 49.34 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX000720.D

Acq: 08 Apr 2018 09:56

Instrument :

MSVOA_X

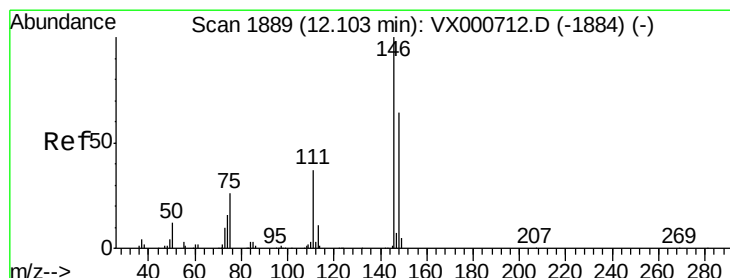
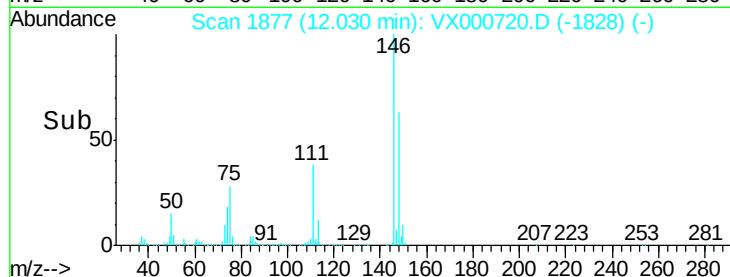
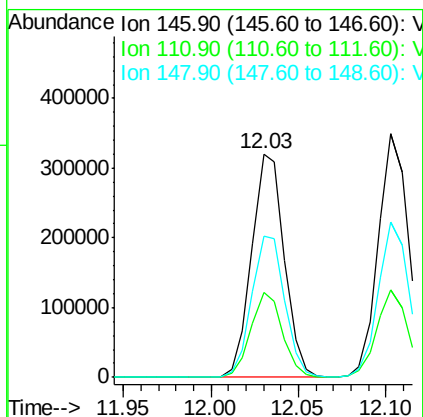
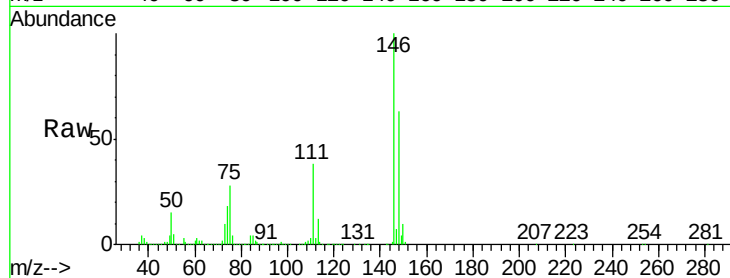
ClientSampled :

ICVX040818

Tot Ion:	146	Resp:	415897
Ion Ratio	Lower	Upper	
146	100		
111	37.1	18.6	55.8
148	64.2	32.0	96.2

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 48.99 ug/l

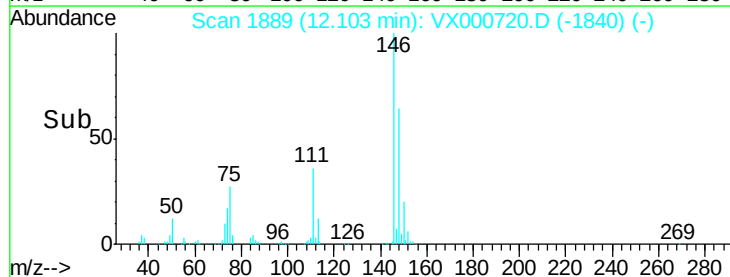
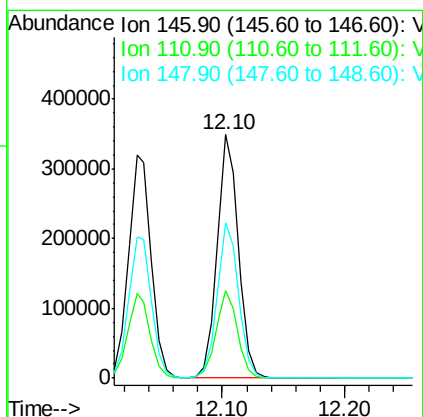
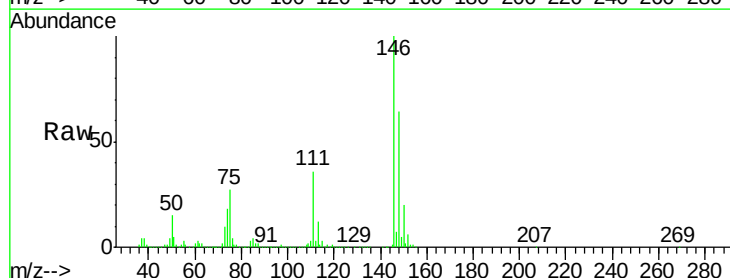
RT: 12.10 min Scan# 1889

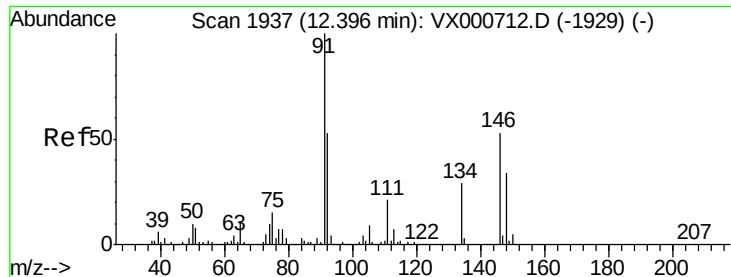
Delta R.T. -0.00 min

Lab File: VX000720.D

Acq: 08 Apr 2018 09:56

Tgt Ion:	146	Resp:	423279
Ion Ratio	Lower	Upper	
146	100		
111	36.3	18.2	54.6
148	64.4	32.1	96.5





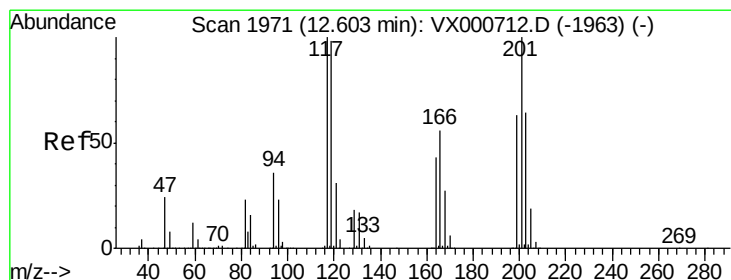
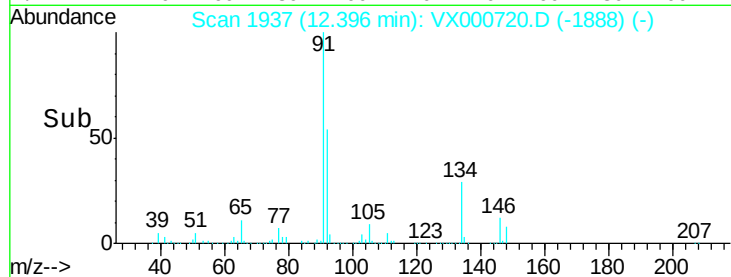
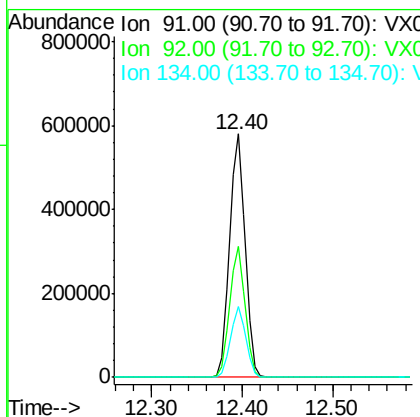
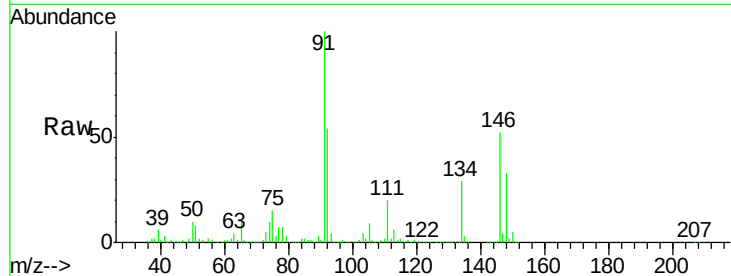
#89
n-Butylbenzene
Concen: 49.87 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VX000720.D
Acq: 08 Apr 2018 09:56

Instrument :
MSVOA_X
ClientSampleId :
ICVX040818

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.2	26.7	80.0
134	28.7	14.4	43.0

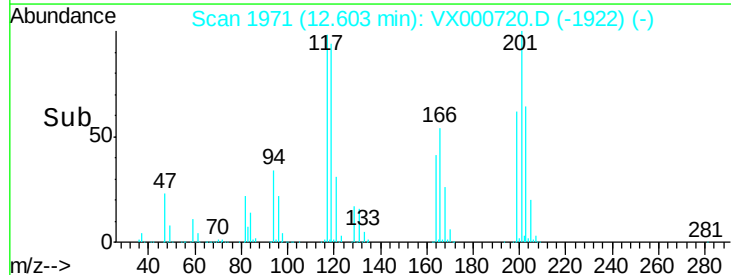
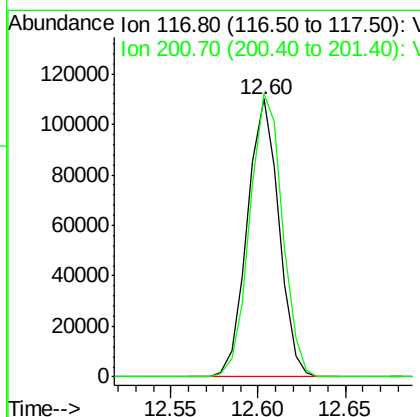
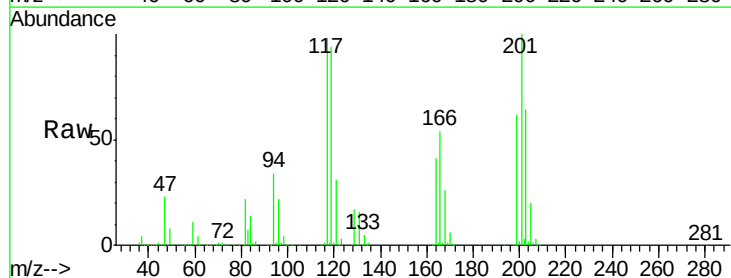
Manual Integrations
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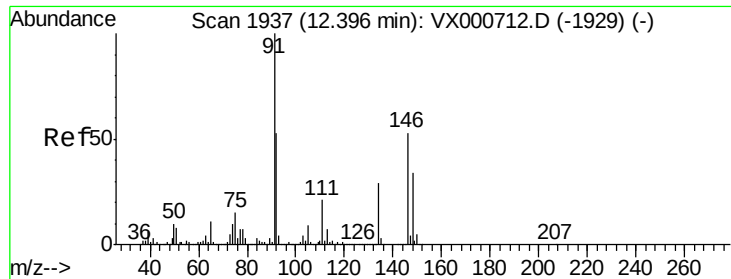
sam
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#90
Hexachloroethane
Concen: 49.39 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. -0.00 min
Lab File: VX000720.D
Acq: 08 Apr 2018 09:56

Tgt Ion	Ratio	Lower	Upper
117	100		
201	105.0	51.2	153.6





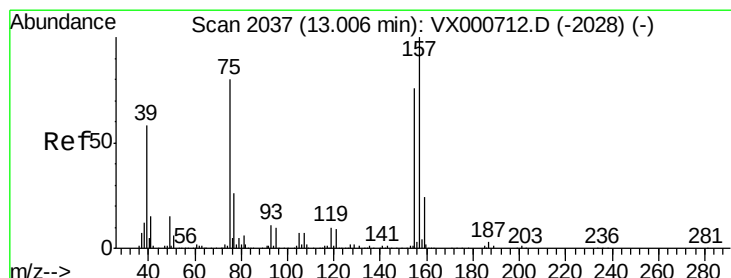
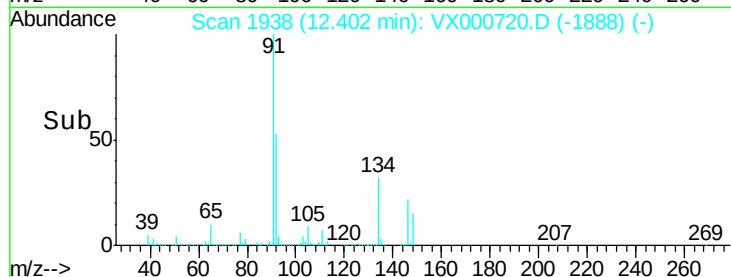
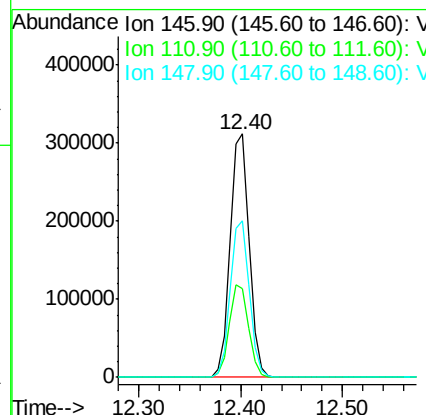
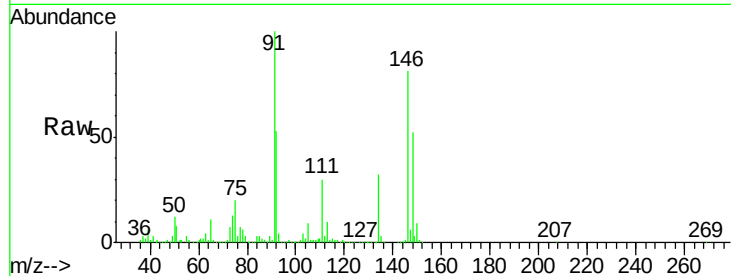
#91
 1,2-Dichlorobenzene
 Concen: 48.75 ug/l
 RT: 12.40 min Scan# 1938
 Delta R.T. 0.01 min
 Lab File: VX000720.D
 Acq: 08 Apr 2018 09:56

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX040818

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.5	19.3	57.9
148	64.3	31.9	95.7

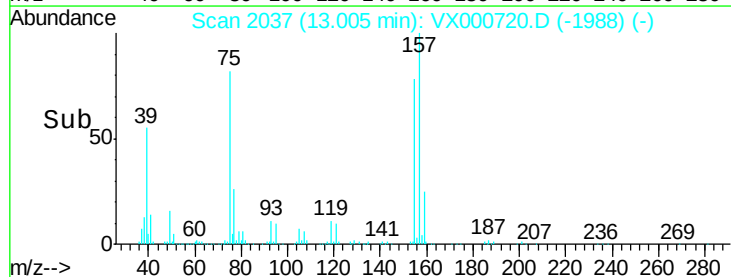
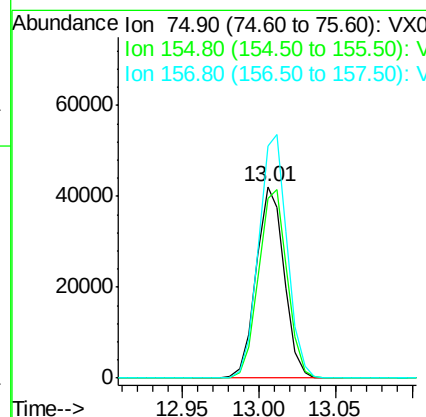
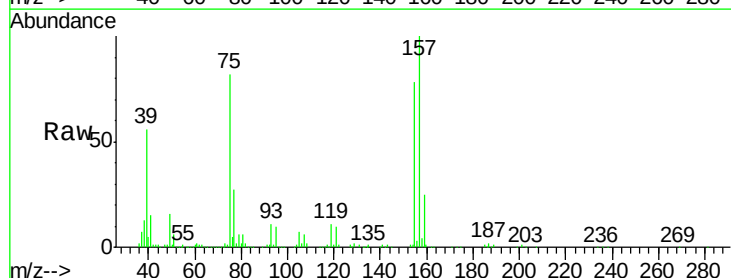
Manual Integrations
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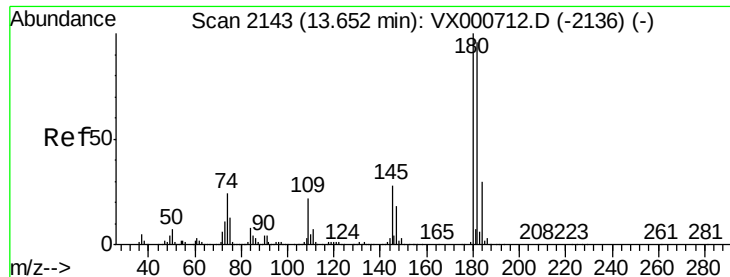
sam
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 43.15 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: VX000720.D
 Acq: 08 Apr 2018 09:56

Tgt Ion	Ratio	Lower	Upper
75	100		
155	100.7	48.4	145.0
157	129.5	62.8	188.5





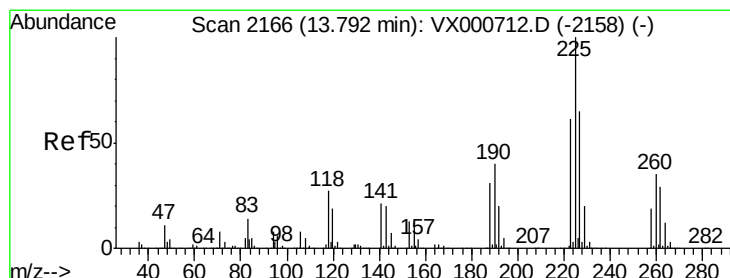
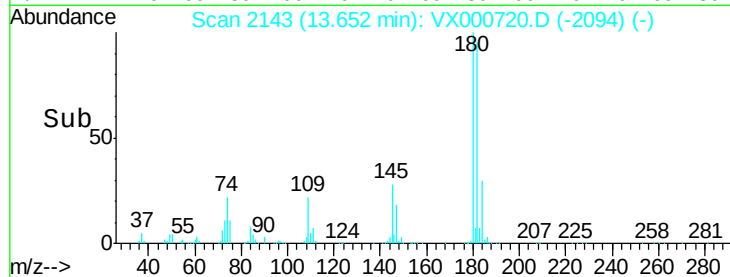
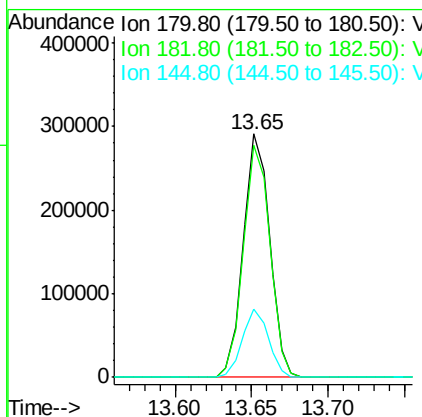
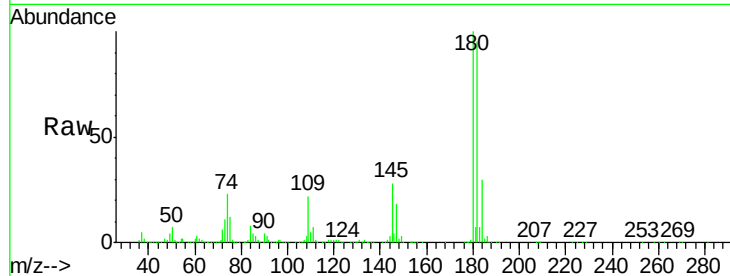
#93
 1,2,4-Trichlorobenzene
 Concen: 50.03 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX000720.D
 Acq: 08 Apr 2018 09:56

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX040818

Tot Ion:	180	Resp:	350222
Ion Ratio	Lower	Upper	
180	100		
182	96.0	47.9	143.7
145	27.9	14.1	42.3

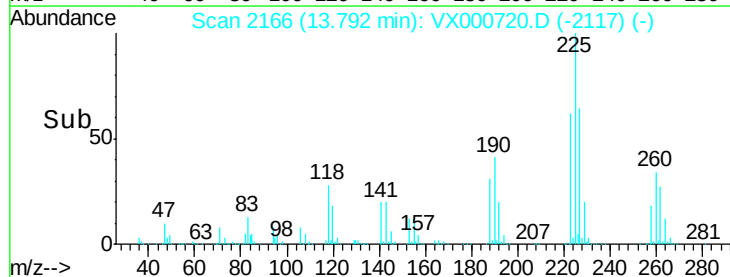
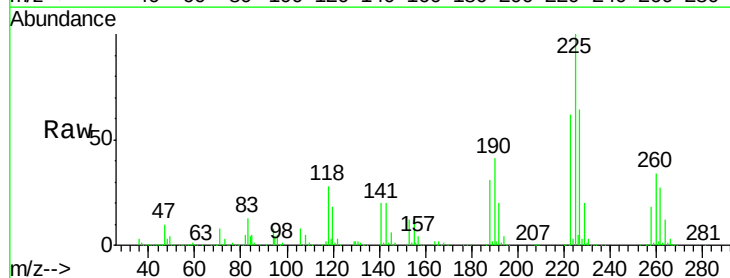
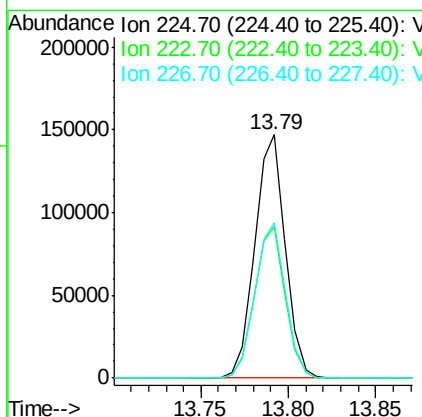
Manual Integrations
 APPROVED

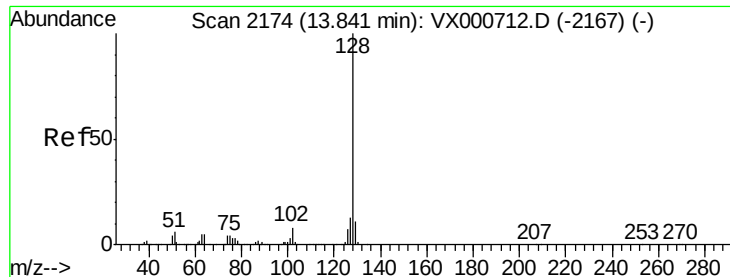
sam
 4/9/2018 2:03:04 PM



#94
 Hexachlorobutadiene
 Concen: 51.81 ug/l
 RT: 13.79 min Scan# 2166
 Delta R.T. -0.00 min
 Lab File: VX000720.D
 Acq: 08 Apr 2018 09:56

Tgt Ion:	225	Resp:	178608
Ion Ratio	Lower	Upper	
225	100		
223	62.6	30.9	92.8
227	63.9	31.9	95.7





#95

Naphthalene

Concen: 47.38 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX000720.D

Acq: 08 Apr 2018 09:56

Instrument :

MSVOA_X

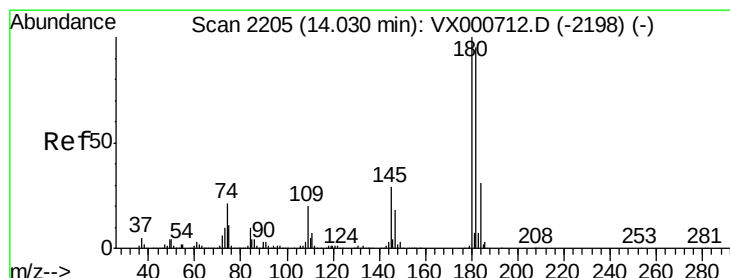
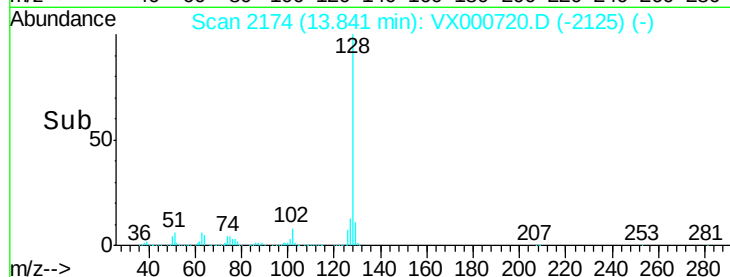
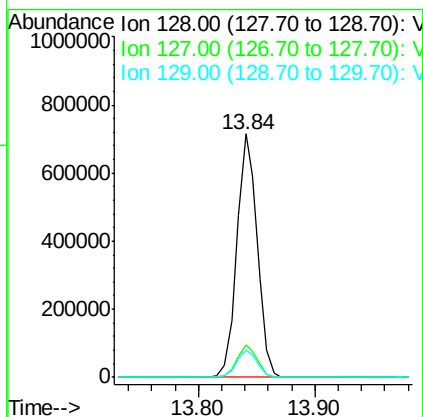
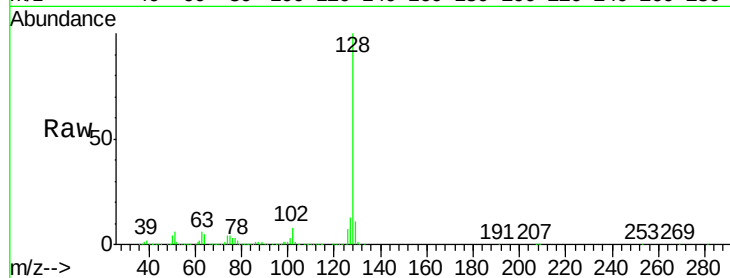
ClientSampleId :

ICVVX040818

Tot Ion:	128	Resp:	868477
Ion Ratio	Lower	Upper	
128	100		
127	13.1	10.4	15.6
129	10.9	8.8	13.2

Manual Integrations
APPROVED

sam
4/9/2018 2:03:04 PM



#96

1,2,3-Trichlorobenzene

Concen: 49.71 ug/l

RT: 14.03 min Scan# 2205

Delta R.T. -0.00 min

Lab File: VX000720.D

Acq: 08 Apr 2018 09:56

Tgt Ion:	180	Resp:	335773
Ion Ratio	Lower	Upper	
180	100		
182	95.9	47.8	143.3
145	29.6	14.9	44.9

