

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX040718\
 Data File : VX000717.D
 Acq On : 07 Apr 2018 15:49
 Operator : JC/MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

sam
 4/9/2018 2:02:20 PM

Quant Time: Apr 07 16:55:26 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X040718W.M
 Quant Title : SW846 8260
 QLast Update : Sat Apr 07 16:39:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	327312	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	438906	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	409235	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	253278	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	334046	92.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	185.38%	
35) Dibromofluoromethane	5.51	113	281929	98.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	196.68%	
50) Toluene-d8	8.72	98	1044793	99.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	198.52%	
62) 4-Bromofluorobenzene	11.15	95	430107	100.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	201.58%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	287803	98.022	ug/l	99
3) Chloromethane	1.32	50	229539	95.067	ug/l	97
4) Vinyl Chloride	1.40	62	240650	95.413	ug/l	99
5) Bromomethane	1.64	94	130208	93.392	ug/l	98
6) Chloroethane	1.72	64	145222	94.282	ug/l	99
7) Trichlorofluoromethane	1.93	101	400741	97.057	ug/l	99
8) Diethyl Ether	2.19	74	147042	95.551	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	244336	100.996	ug/l	99
10) Methyl Iodide	2.51	142	281673	106.649	ug/l	99
11) Tert butyl alcohol	3.09	59	283847	421.157	ug/l	100
12) 1,1-Dichloroethene	2.37	96	209067	96.012	ug/l	99
13) Acrolein	2.30	56	129252	496.335	ug/l	99
14) Allyl chloride	2.73	41	418167	96.140	ug/l	99
15) Acrylonitrile	3.15	53	614561	455.803	ug/l	100
16) Acetone	2.45	43	515195	455.207	ug/l	100
17) Carbon Disulfide	2.57	76	499644	96.542	ug/l	100
18) Methyl Acetate	2.78	43	329093	91.353	ug/l	97
19) Methyl tert-butyl Ether	3.21	73	799874	95.070	ug/l	100
20) Methylene Chloride	2.86	84	247521	99.507	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	228119	97.747	ug/l	99
22) Diisopropyl ether	3.88	45	855131	95.558	ug/l	96
23) Vinyl Acetate	3.83	43	3597217	462.326	ug/l	99
24) 1,1-Dichloroethane	3.70	63	432220	92.771	ug/l	98
25) 2-Butanone	4.71	43	916958	439.732	ug/l	98
26) 2,2-Dichloropropane	4.59	77	456315	98.591	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	285513	95.231	ug/l	99
28) Bromochloromethane	5.03	49	188300	91.579	ug/l	99
29) Tetrahydrofuran	5.17	42	581278	436.962	ug/l	99
30) Chloroform	5.22	83	479915	95.858	ug/l	98
31) Cyclohexane	5.58	56	380263	97.776	ug/l	98
32) 1,1,1-Trichloroethane	5.50	97	458515	96.104	ug/l	99
36) 1,1-Dichloropropene	5.81	75	354314	101.909	ug/l	100
37) Ethyl Acetate	4.87	43	365228	92.535	ug/l	99
38) Carbon Tetrachloride	5.79	117	424028	100.476	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	420337	105.197	ug/l	97
40) Benzene	6.15	78	1006741	99.312	ug/l	100
41) Methacrylonitrile	5.07	41	219074	94.213	ug/l	99
42) 1,2-Dichloroethane	6.21	62	388878	96.353	ug/l	99
43) Isopropyl Acetate	6.48	43	658333	94.975	ug/l	99
44) Trichloroethene	7.22	130	313663	100.592	ug/l	98
45) 1,2-Dichloropropane	7.52	63	265571	97.171	ug/l	99
46) Dibromomethane	7.67	93	183150	97.764	ug/l	97
47) Bromodichloromethane	7.90	83	393330	99.497	ug/l	100
48) Methyl methacrylate	7.79	41	337075	94.738	ug/l	99
49) 1,4-Dioxane	7.77	88	126182	1749.813	ug/l	99
51) 4-Methyl-2-Pentanone	8.66	43	1941657	470.960	ug/l	99
52) Toluene	8.79	92	677105	100.001	ug/l	99
53) t-1,3-Dichloropropene	8.45	75	468957	99.886	ug/l	100
54) cis-1,3-Dichloropropene	9.05	75	467512	98.933	ug/l	99
55) 1,1,2-Trichloroethane	9.23	97	276797	98.894	ug/l	100
56) Ethyl methacrylate	9.19	69	446032	98.027	ug/l	99
57) 1,3-Dichloropropane	9.38	76	447781	99.529	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	1083046	562.088	ug/l	100
59) 2-Hexanone	9.51	43	1483848	468.071	ug/l	99
60) Dibromochloromethane	9.59	129	356111	101.259	ug/l	100
61) 1,2-Dibromoethane	9.68	107	293177	98.458	ug/l	99
64) Tetrachloroethene	9.34	164	311351	101.465	ug/l	100
65) Chlorobenzene	10.15	112	815299	100.729	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	320587	100.671	ug/l	100
67) Ethyl Benzene	10.26	91	1364157	100.385	ug/l	99
68) m/p-Xylenes	10.37	106	1078567	203.049	ug/l	99
69) o-Xylene	10.71	106	529235	101.482	ug/l	99
70) Styrene	10.72	104	905235	101.538	ug/l	100
71) Bromoform	10.87	173	317084	101.504	ug/l #	99
73) Isopropylbenzene	11.02	105	1444274	97.790	ug/l	100
74) N-amyl acetate	6.48	43	658333	90.642	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	424850	96.156	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	401506m	93.913	ug/l	
77) Bromobenzene	11.26	156	413948	97.892	ug/l	99
78) n-propylbenzene	11.37	91	1650593	98.344	ug/l	100
79) 2-Chlorotoluene	11.43	91	972299	97.593	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	1251395	98.476	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	158450	96.502	ug/l	94
82) 4-Chlorotoluene	11.52	91	1179178	97.897	ug/l	100
83) tert-Butylbenzene	11.78	119	1292621	98.592	ug/l	99
84) 1,2,4-Trimethylbenzene	11.82	105	1292959	98.211	ug/l	99
85) sec-Butylbenzene	11.95	105	1520804	98.976	ug/l	100
86) p-Isopropyltoluene	12.07	119	1426483	99.610	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	783960	99.749	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	797521	99.661	ug/l	100
89) n-Butylbenzene	12.40	91	1286682	101.424	ug/l	99
90) Hexachloroethane	12.60	117	260726	99.522	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	767416	99.069	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	108527	91.513	ug/l	97

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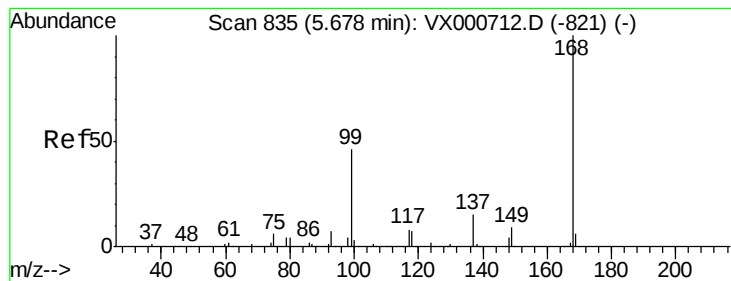
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	664395	102.190	ug/l	100
94) Hexachlorobutadiene	13.79	225	335662	105.218	ug/l	100
95) Naphthalene	13.84	128	1682500	95.376	ug/l	100
96) 1,2,3-Trichlorobenzene	14.03	180	639511	100.557	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.01 min

Lab File: VX000717.D

Acq: 07 Apr 2018 15:49

Instrument :

MSVOA_X

ClientSampled :

VSTDIC100

Tgt Ion:168 Resp: 327312

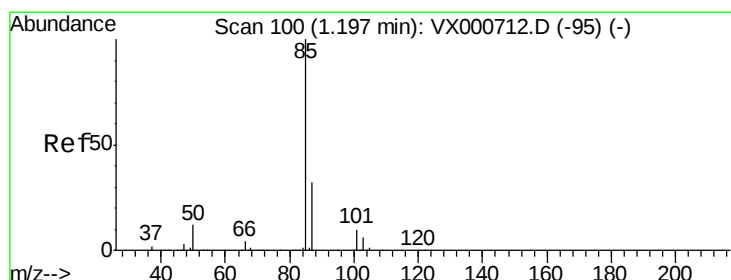
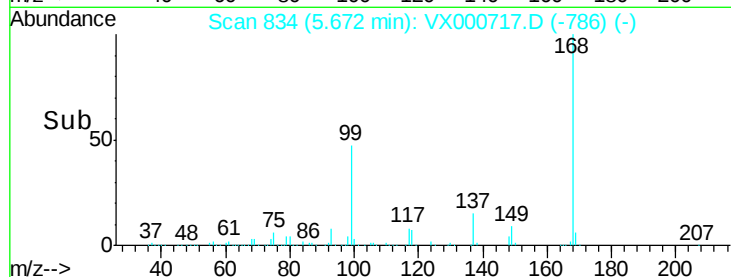
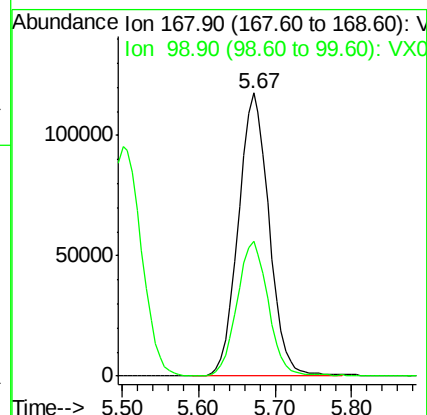
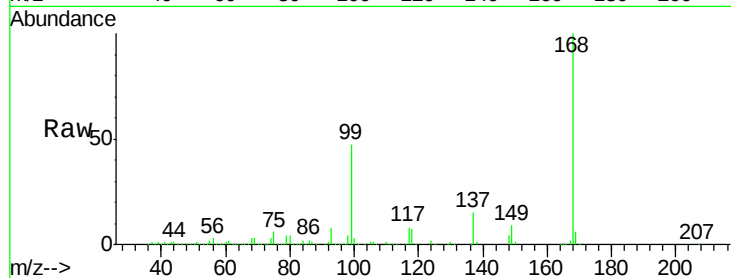
Ion Ratio Lower Upper

168 100

99 47.2 37.2 55.8

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#2

Dichlorodifluoromethane

Concen: 98.022 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX000717.D

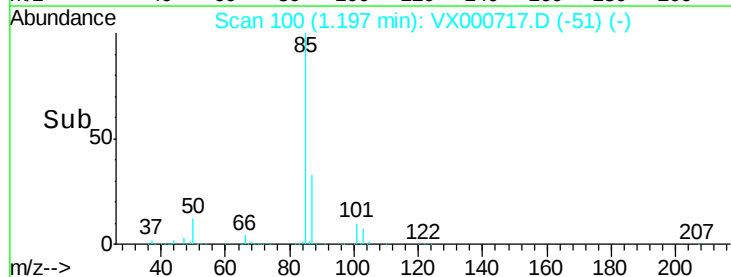
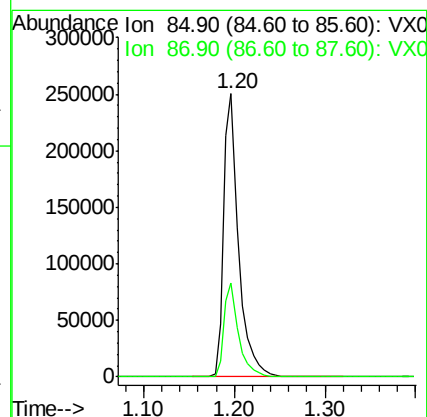
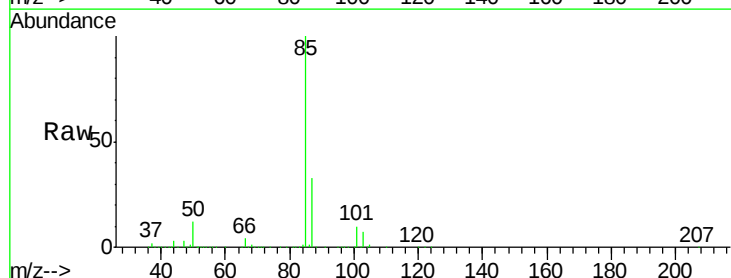
Acq: 07 Apr 2018 15:49

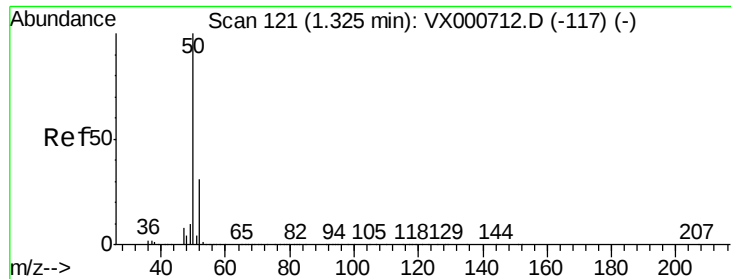
Tgt Ion: 85 Resp: 287803

Ion Ratio Lower Upper

85 100

87 33.0 16.2 48.6





#3

Chloromethane

Concen: 95.067 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX000717.D

Acq: 07 Apr 2018 15:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tgt Ion: 50 Resp: 229539

Ion Ratio Lower Upper

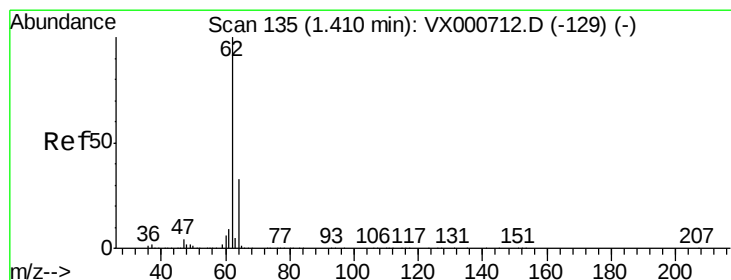
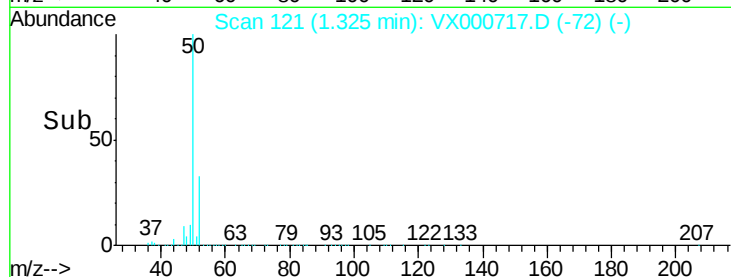
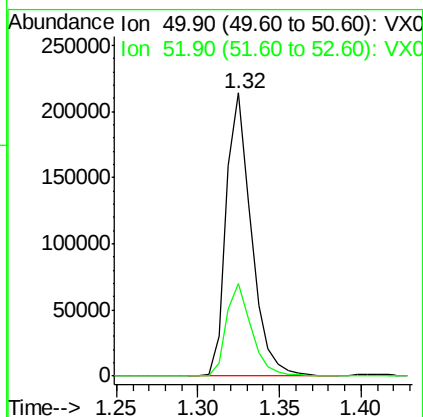
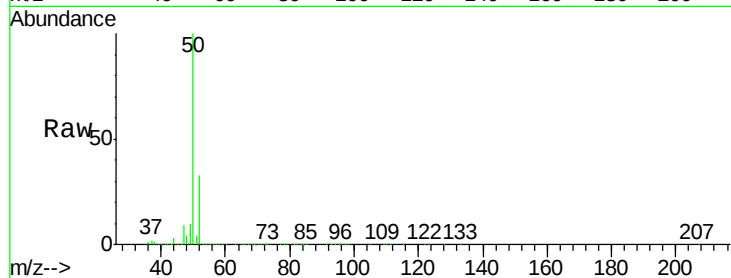
50 100

52 32.9 24.9 37.3

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#4

Vinyl Chloride

Concen: 95.413 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.01 min

Lab File: VX000717.D

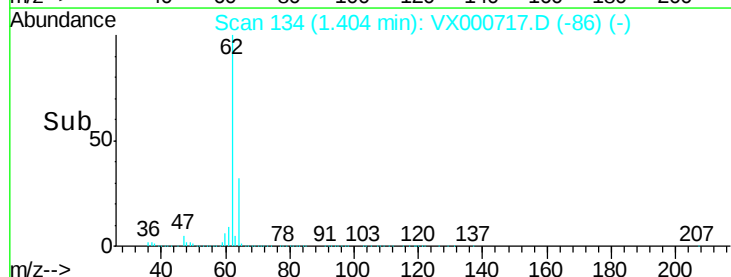
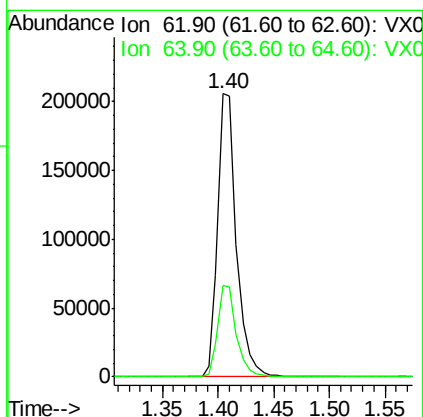
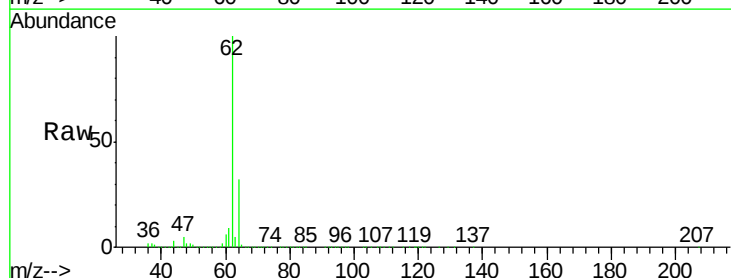
Acq: 07 Apr 2018 15:49

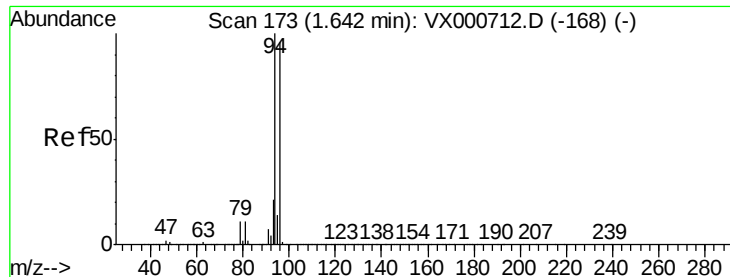
Tgt Ion: 62 Resp: 240650

Ion Ratio Lower Upper

62 100

64 32.3 26.2 39.2





#5

Bromomethane

Concen: 93.392 ug/l

RT: 1.64 min Scan# 172

Delta R.T. -0.01 min

Lab File: VX000717.D

Acq: 07 Apr 2018 15:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tgt Ion: 94 Resp: 130208

Ion Ratio Lower Upper

94 100

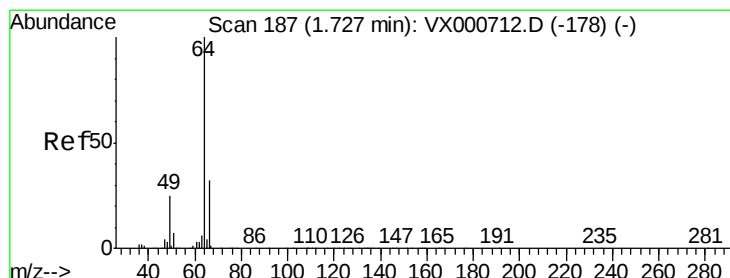
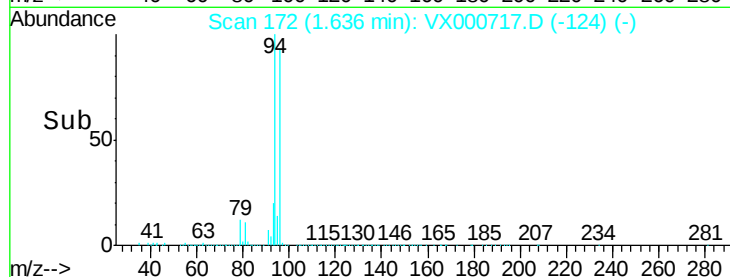
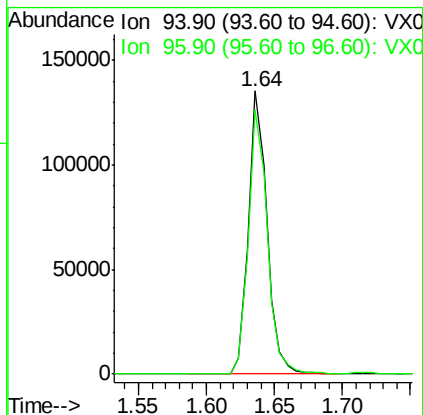
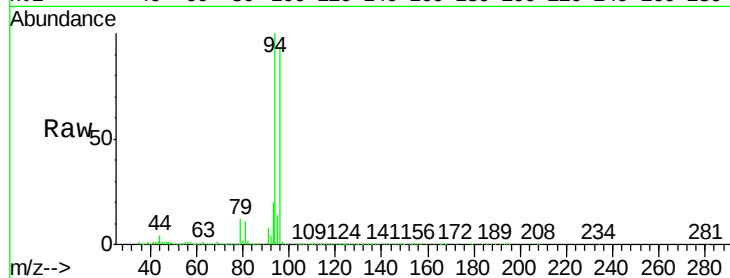
96 93.4 76.5 114.7

Manual Integrations

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#6

Chloroethane

Concen: 94.282 ug/l

RT: 1.72 min Scan# 185

Delta R.T. -0.01 min

Lab File: VX000717.D

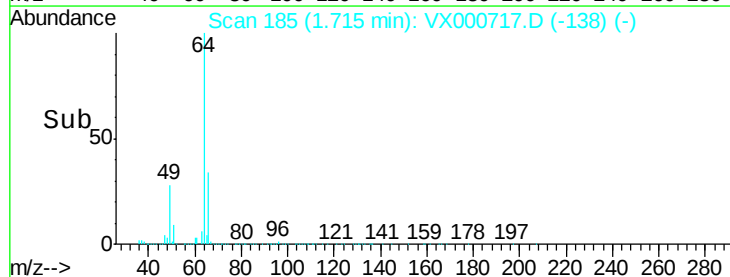
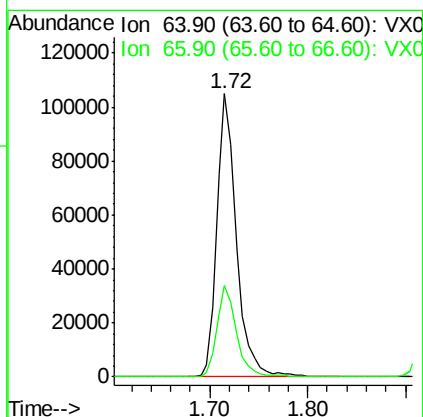
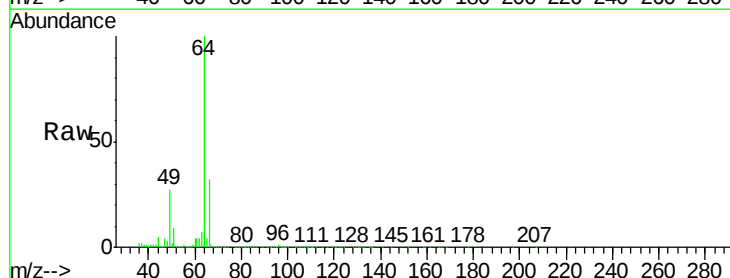
Acq: 07 Apr 2018 15:49

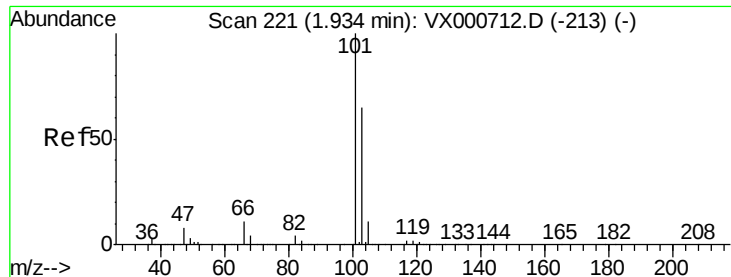
Tgt Ion: 64 Resp: 145222

Ion Ratio Lower Upper

64 100

66 32.3 25.4 38.2





#7

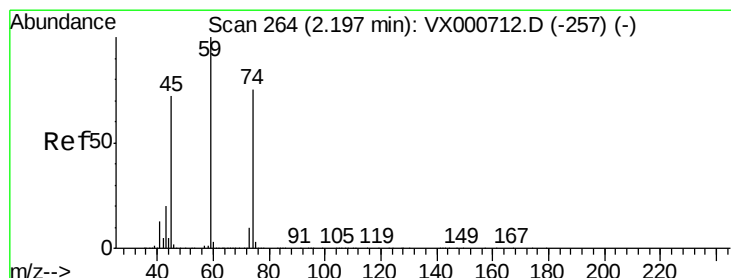
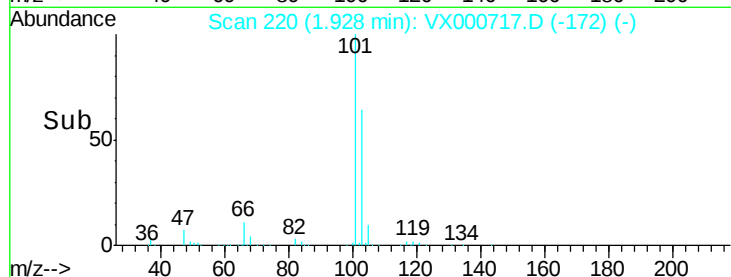
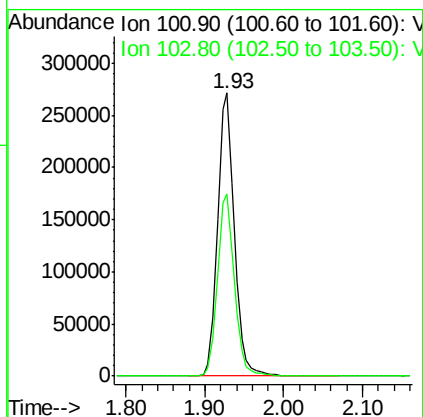
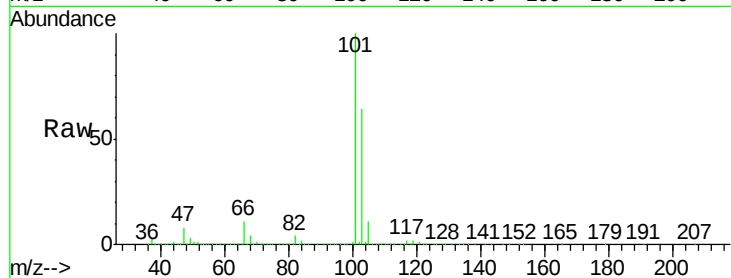
Trichlorofluoromethane
Concen: 97.057 ug/l
RT: 1.93 min Scan# 220
Delta R.T. -0.01 min
Lab File: VX000717.D
Acq: 07 Apr 2018 15:49

Instrument :
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ClientSampleId :
VSTDIC100

Tgt Ion	Ratio	Lower	Upper
101	100		
103	64.4	52.1	78.1

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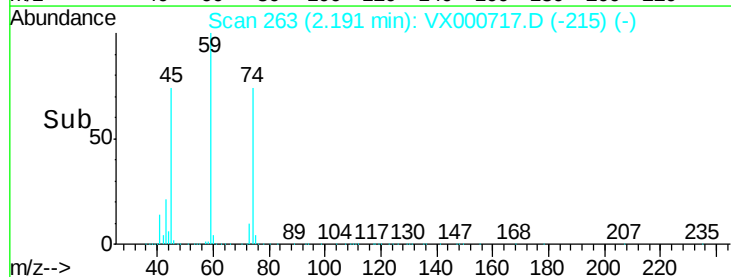
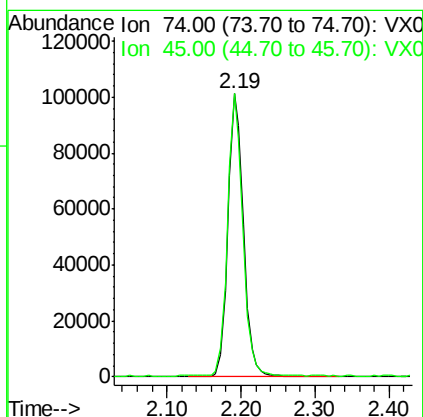
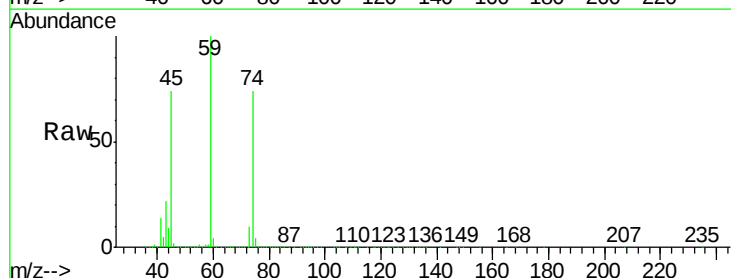
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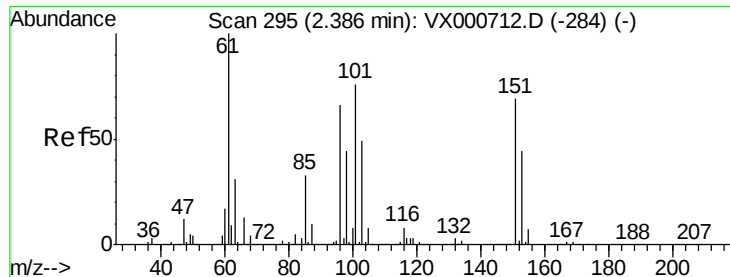


#8

Diethyl Ether
Concen: 95.551 ug/l
RT: 2.19 min Scan# 263
Delta R.T. -0.01 min
Lab File: VX000717.D
Acq: 07 Apr 2018 15:49

Tgt Ion	Ratio	Lower	Upper
74	100		
45	97.8	48.4	145.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 100.996 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.00 min

Lab File: VX000717.D

Acq: 07 Apr 2018 15:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tgt Ion:101 Resp: 244336
Ion Ratio Lower Upper

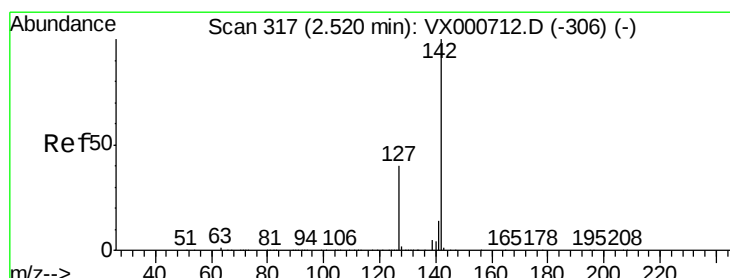
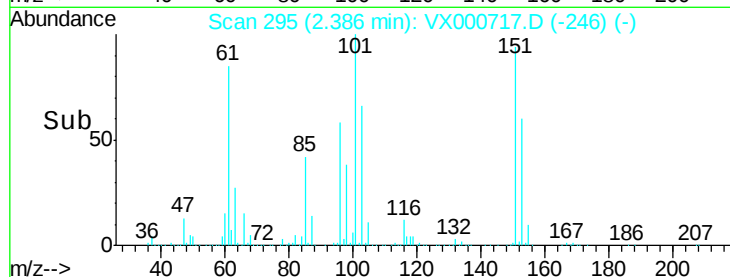
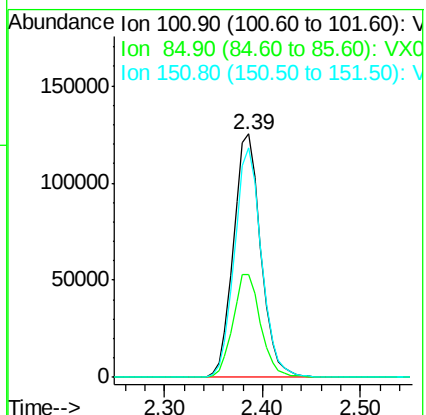
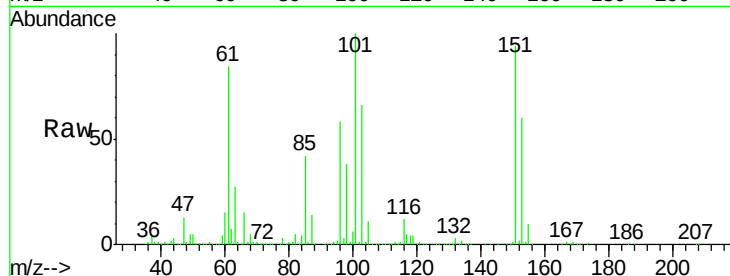
101 100

85 42.5 34.3 51.5

151 92.8 73.8 110.8

Manual Integrations
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#10

Methyl Iodide

Concen: 106.649 ug/l

RT: 2.51 min Scan# 316

Delta R.T. -0.01 min

Lab File: VX000717.D

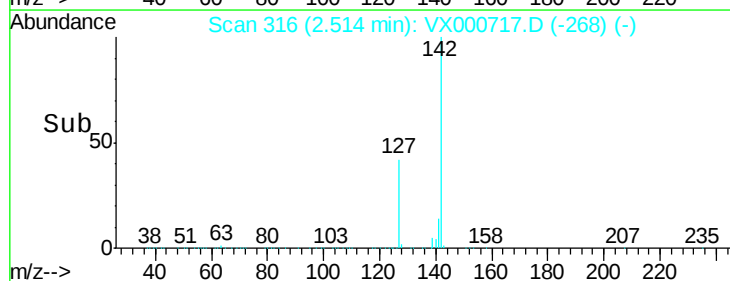
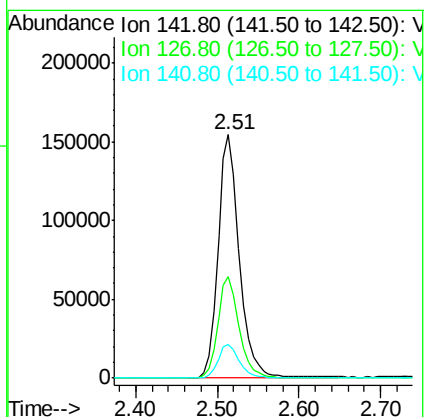
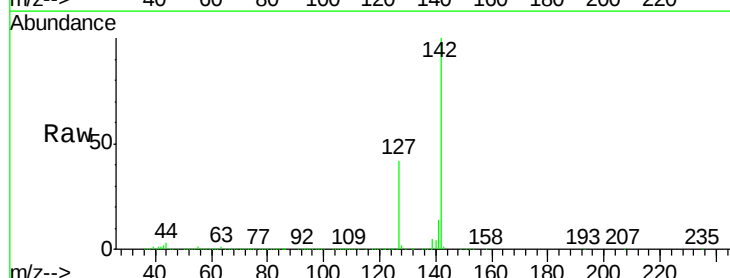
Acq: 07 Apr 2018 15:49

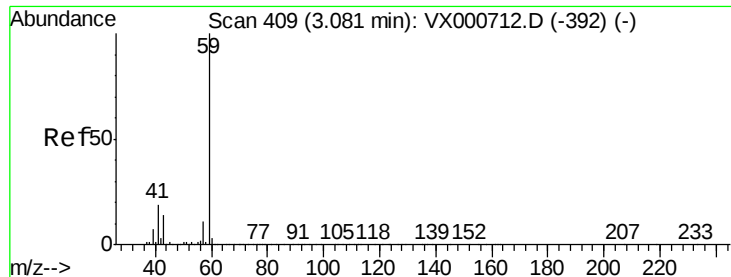
Tgt Ion:142 Resp: 281673
Ion Ratio Lower Upper

142 100

127 41.6 33.9 50.9

141 14.1 11.4 17.0





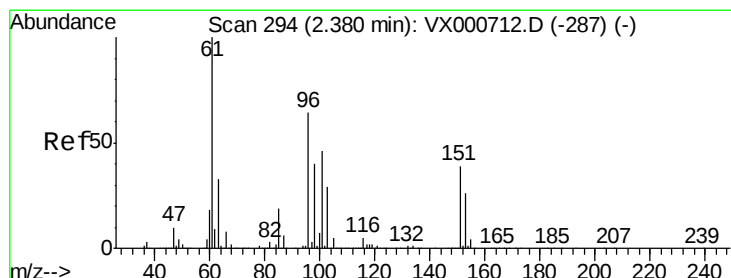
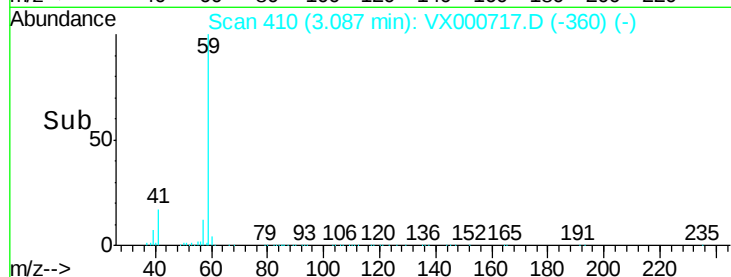
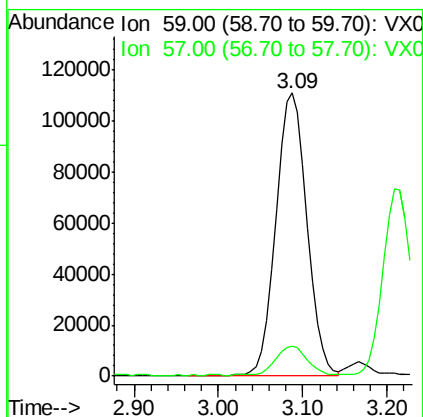
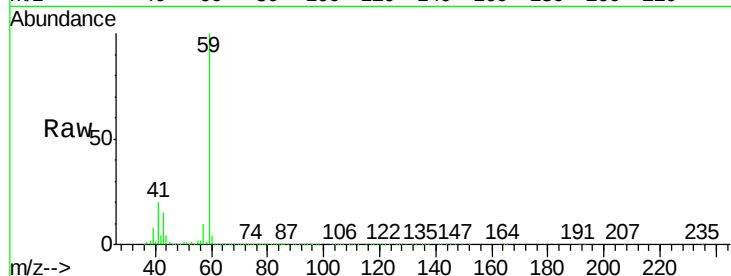
#11
Tert butyl alcohol
Concen: 421.157 ug/l
RT: 3.09 min Scan# 410
Delta R.T. 0.01 min
Lab File: VX000717.D
Acq: 07 Apr 2018 15:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 59 Resp: 283847
Ion Ratio Lower Upper
59 100
57 10.3 8.4 12.6

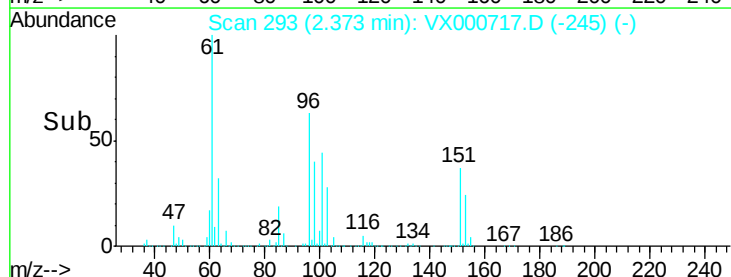
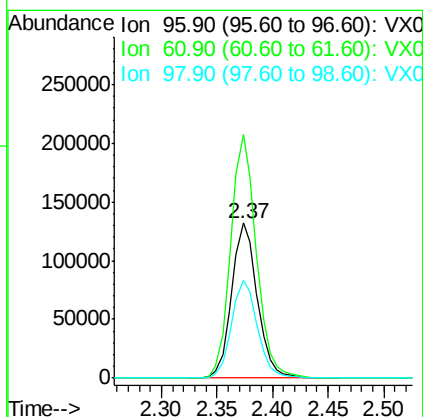
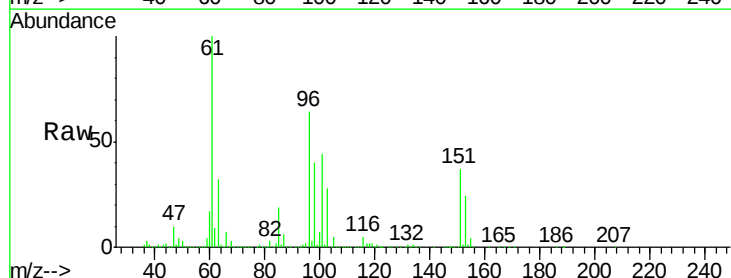
Manual Integrations
APPROVED

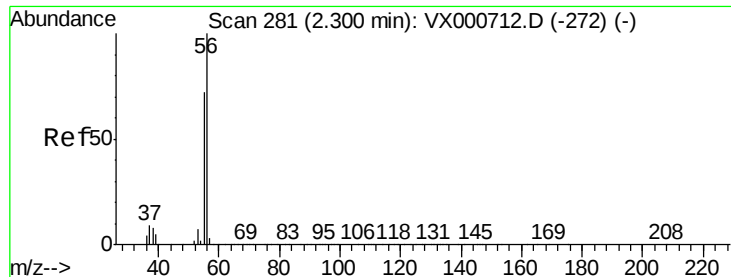
sam
4/9/2018 2:02:20 PM



#12
1,1-Dichloroethene
Concen: 96.012 ug/l
RT: 2.37 min Scan# 293
Delta R.T. -0.01 min
Lab File: VX000717.D
Acq: 07 Apr 2018 15:49

Tgt Ion: 96 Resp: 209067
Ion Ratio Lower Upper
96 100
61 157.5 125.0 187.4
98 63.2 50.5 75.7





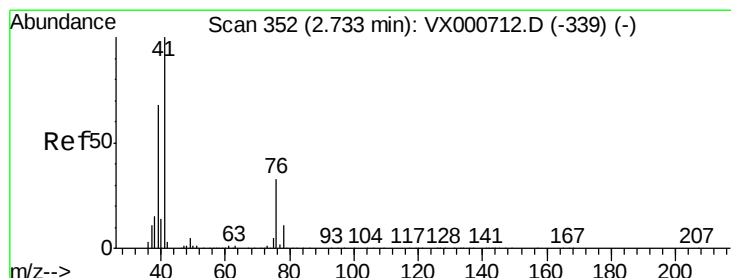
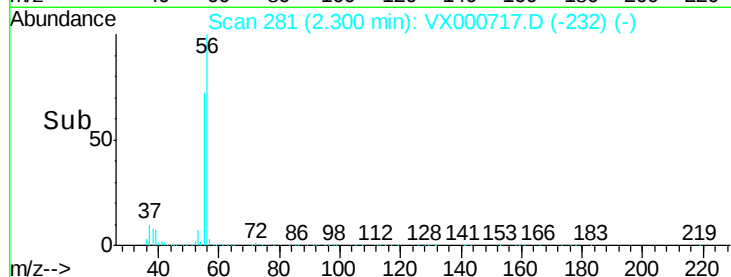
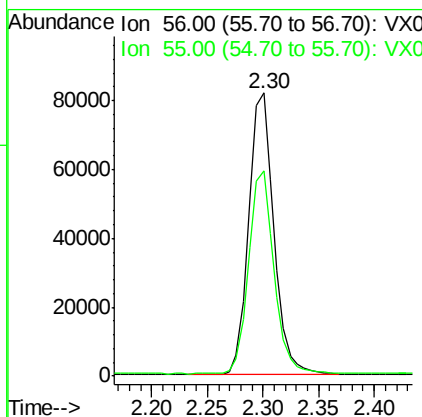
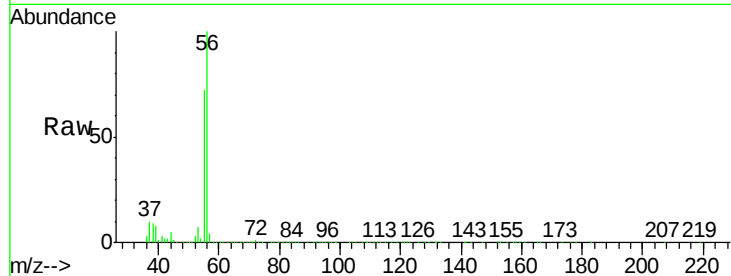
#13
Acrolein
Concen: 496.335 ug/l
RT: 2.30 min Scan# 281
Delta R.T. -0.00 min
Lab File: VX000717.D
Acq: 07 Apr 2018 15:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion: 56 Resp: 129252
Ion Ratio Lower Upper
56 100
55 73.0 57.4 86.2

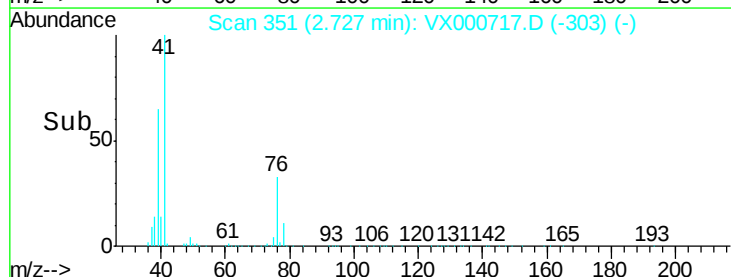
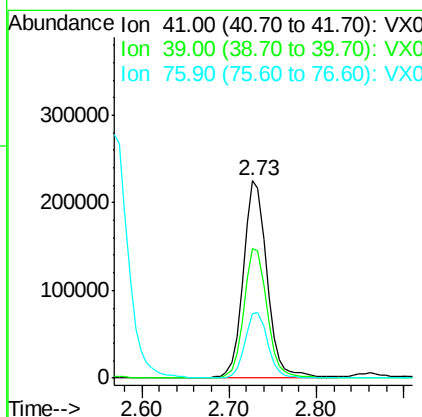
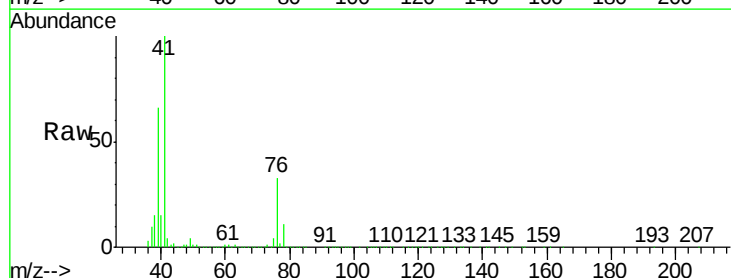
Manual Integrations
APPROVED

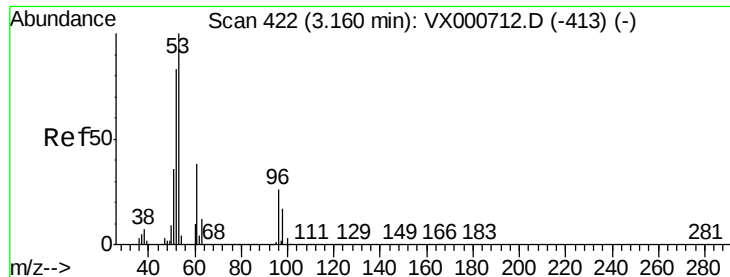
sam
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#14
Allyl chloride
Concen: 96.140 ug/l
RT: 2.73 min Scan# 351
Delta R.T. -0.01 min
Lab File: VX000717.D
Acq: 07 Apr 2018 15:49

Tgt Ion: 41 Resp: 418167
Ion Ratio Lower Upper
41 100
39 64.6 52.4 78.6
76 32.4 25.9 38.9





#15

Acrylonitrile

Concen: 455.803 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.01 min

Lab File: VX000717.D

Acq: 07 Apr 2018 15:49

Instrument :

MSVOA_X

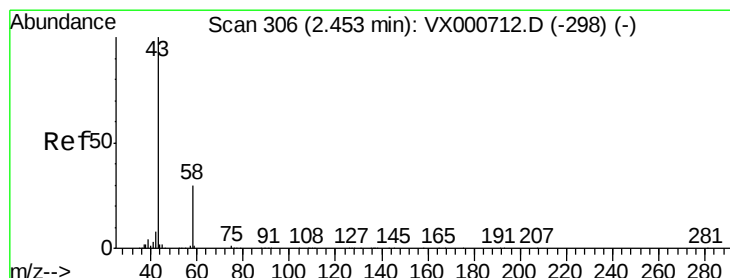
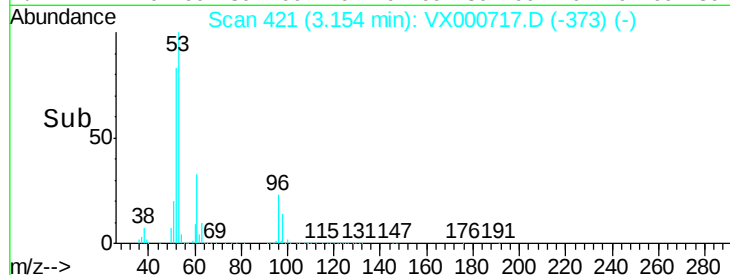
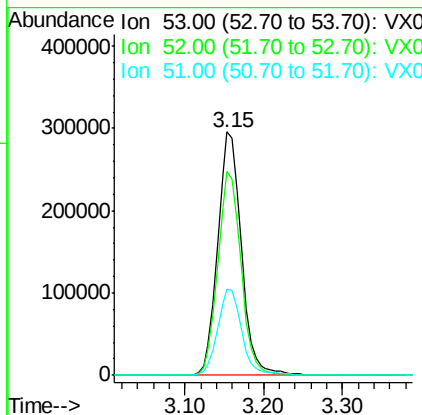
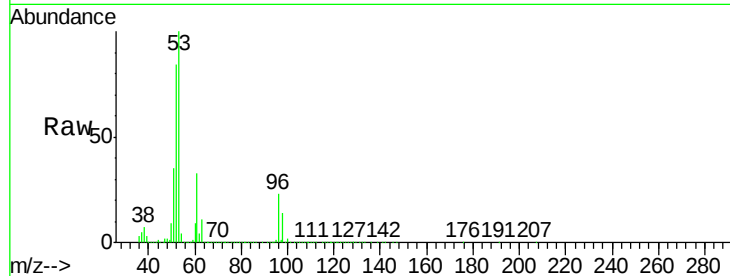
ClientSampleId :

VSTDICC100

Tgt Ion:	53	Resp:	614561
Ion	Ratio	Lower	Upper
53	100		
52	82.8	66.1	99.1
51	36.1	29.1	43.7

Manual Integrations
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sam
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#16

Acetone

Concen: 455.207 ug/l

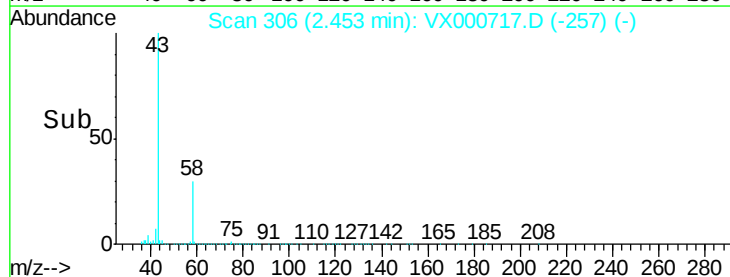
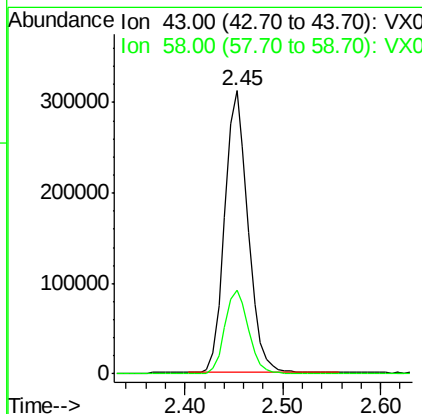
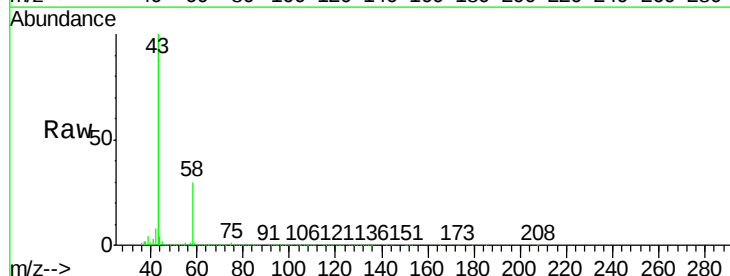
RT: 2.45 min Scan# 306

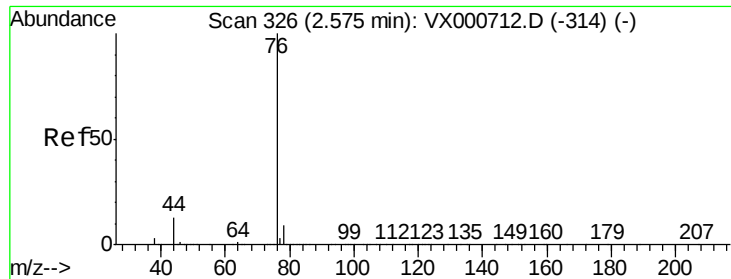
Delta R.T. 0.00 min

Lab File: VX000717.D

Acq: 07 Apr 2018 15:49

Tgt Ion:	43	Resp:	515195
Ion	Ratio	Lower	Upper
43	100		
58	29.8	24.0	36.0





#17

Carbon Disulfide

Concen: 96.542 ug/l

RT: 2.57 min Scan# 325

Delta R.T. -0.01 min

Lab File: VX000717.D

Acq: 07 Apr 2018 15:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tgt Ion: 76 Resp: 499644

Ion Ratio Lower Upper

76 100

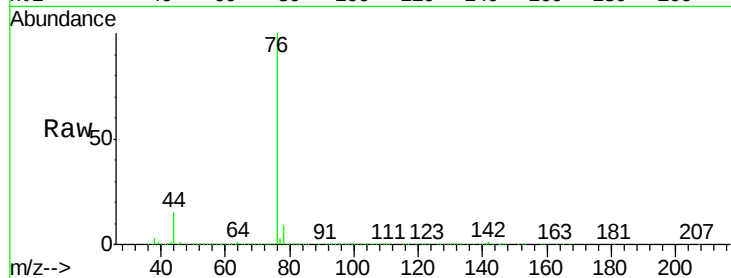
78 9.0 7.1 10.7

Manual Integrations

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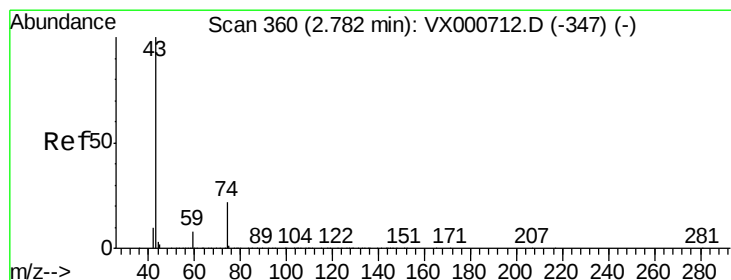
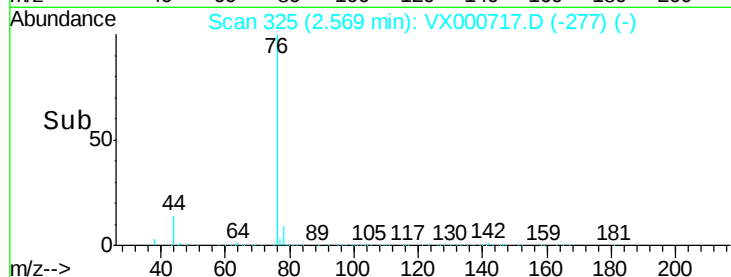
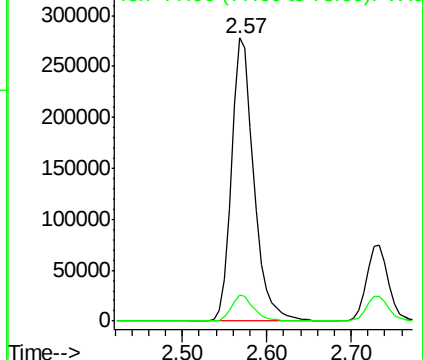
sam

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 91.353 ug/l

RT: 2.78 min Scan# 360

Delta R.T. 0.00 min

Lab File: VX000717.D

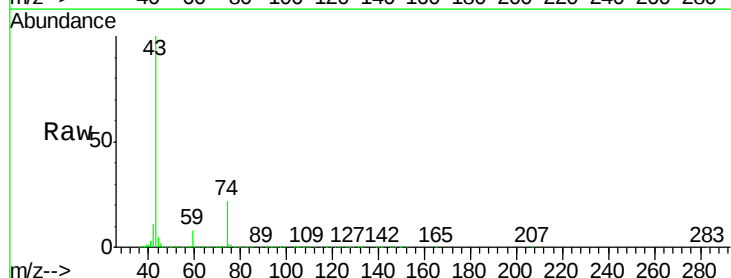
Acq: 07 Apr 2018 15:49

Tgt Ion: 43 Resp: 329093

Ion Ratio Lower Upper

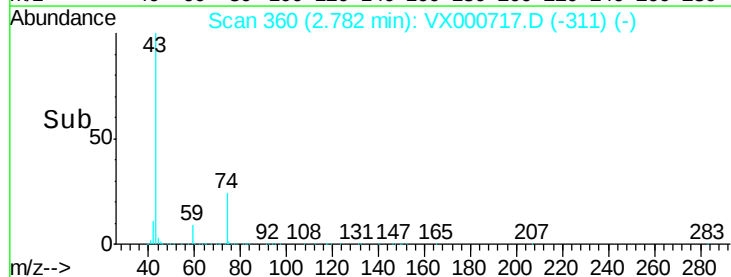
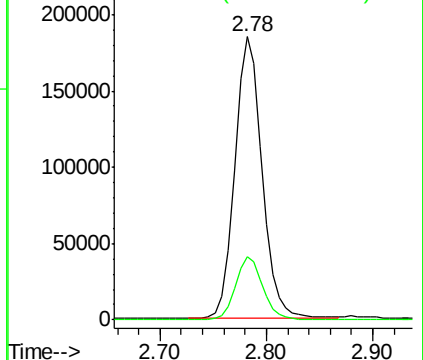
43 100

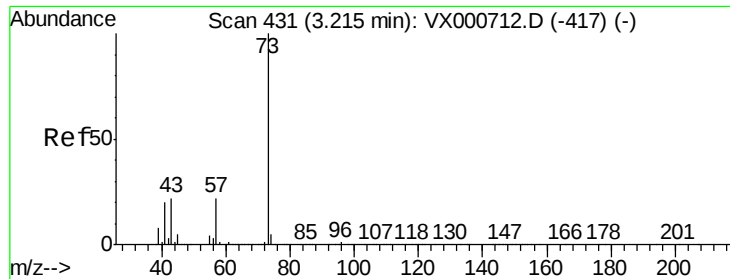
74 22.4 19.0 28.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





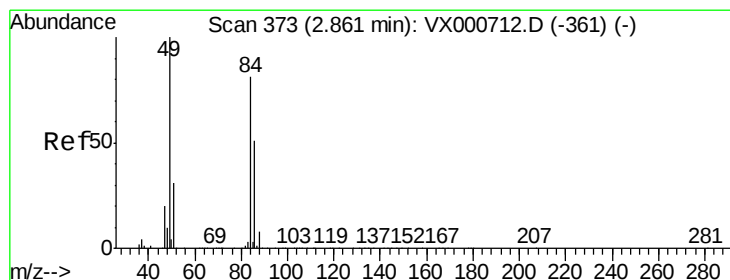
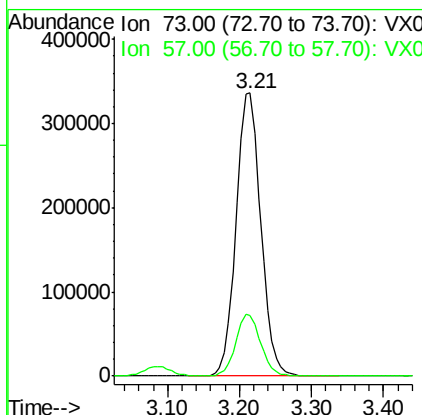
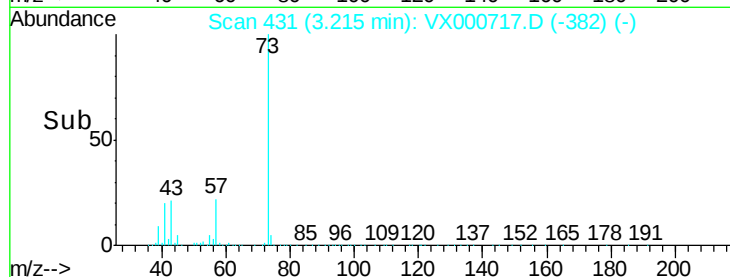
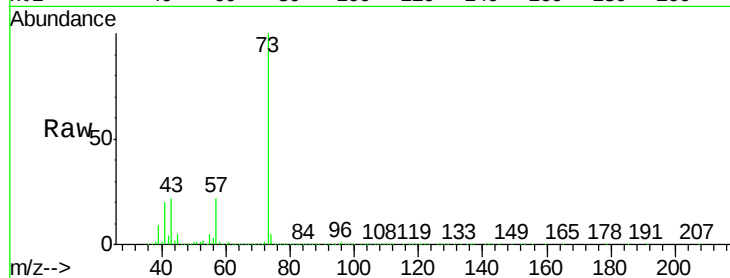
#19
Methyl tert-butyl Ether
Concen: 95.070 ug/l
RT: 3.21 min Scan# 431
Delta R.T. 0.00 min
Lab File: VX000717.D
Acq: 07 Apr 2018 15:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion	Ratio	Lower	Upper
73	100		
57	21.5	17.3	25.9

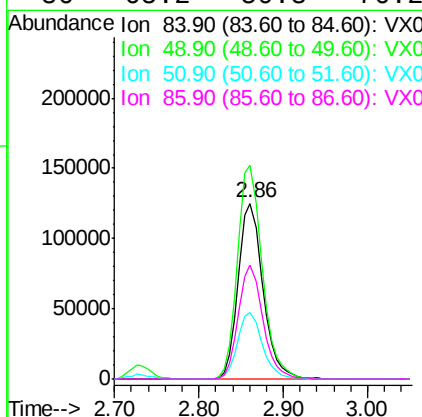
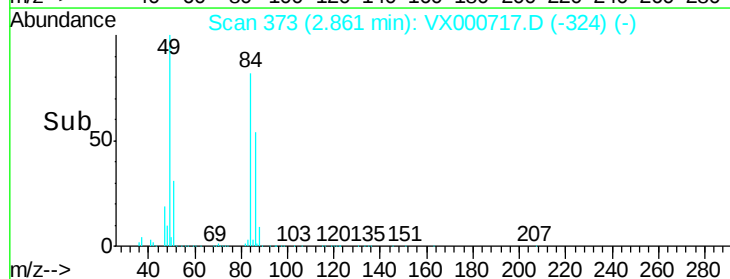
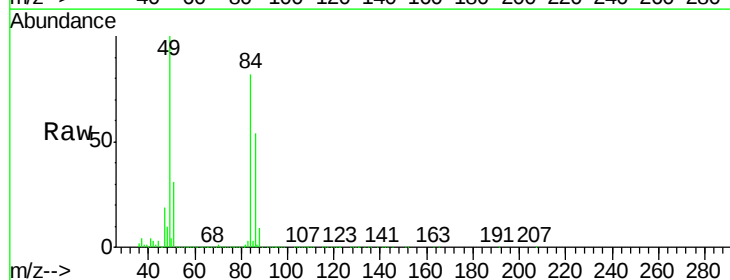
Manual Integrations
APPROVED

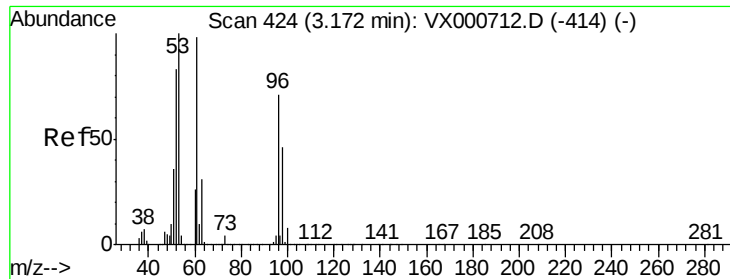
sam
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#20
Methylene Chloride
Concen: 99.507 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX000717.D
Acq: 07 Apr 2018 15:49

Tgt Ion	Ratio	Lower	Upper
84	100		
49	121.4	98.6	148.0
51	37.5	30.8	46.2
86	65.2	50.8	76.2





#21

trans-1,2-Dichloroethene

Concen: 97.747 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX000717.D

Acq: 07 Apr 2018 15:49

Instrument :

MSVOA_X

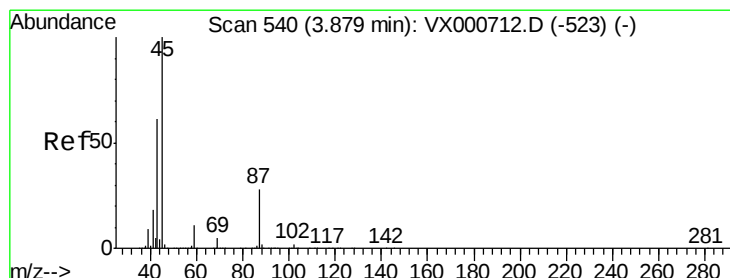
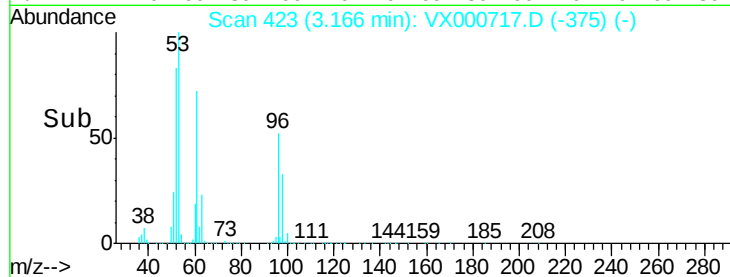
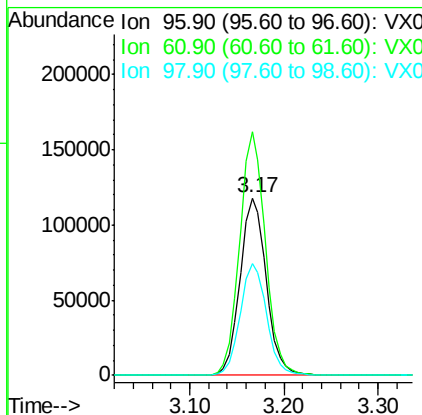
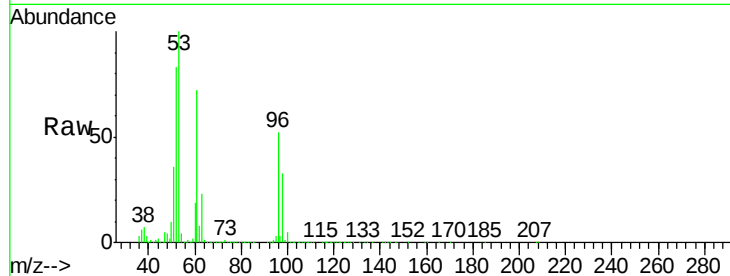
ClientSampleId :

VSTDIC100

Tgt Ion:	96	Resp:	228119
Ion	Ratio	Lower	Upper
96	100		
61	137.4	109.8	164.6
98	63.2	51.5	77.3

Manual Integrations
APPROVED

sam
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#22

Diisopropyl ether

Concen: 95.558 ug/l

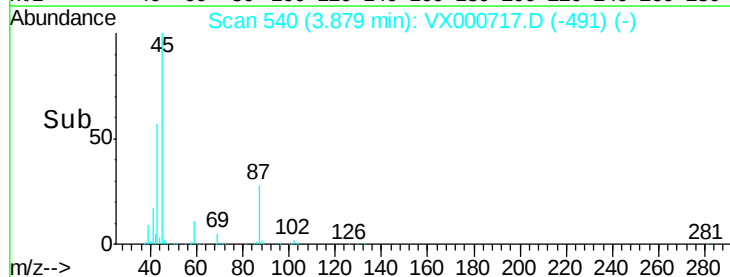
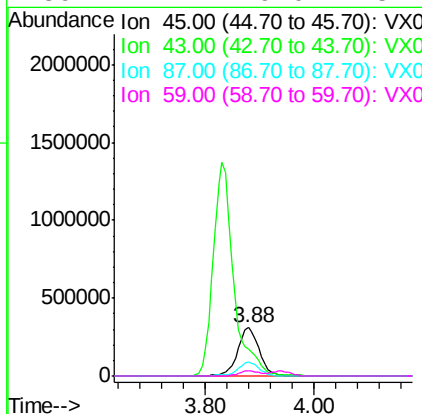
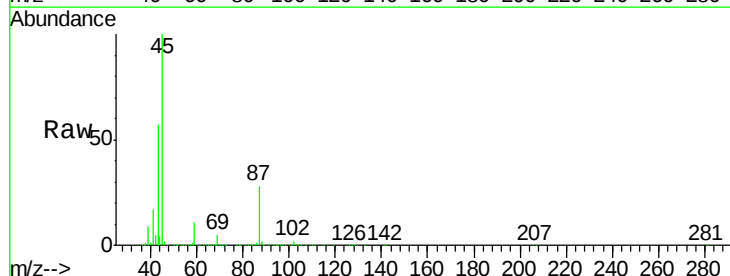
RT: 3.88 min Scan# 540

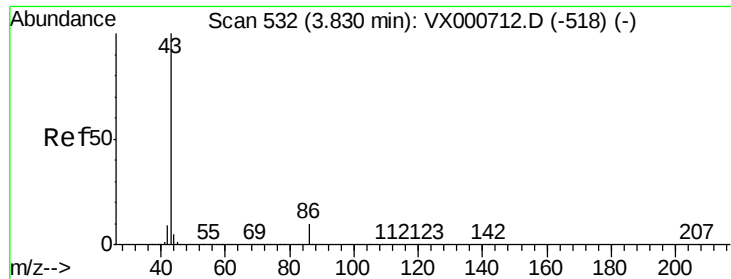
Delta R.T. -0.00 min

Lab File: VX000717.D

Acq: 07 Apr 2018 15:49

Tgt Ion:	45	Resp:	855131
Ion	Ratio	Lower	Upper
45	100		
43	56.7	49.2	73.8
87	28.3	22.7	34.1
59	11.2	9.0	13.4





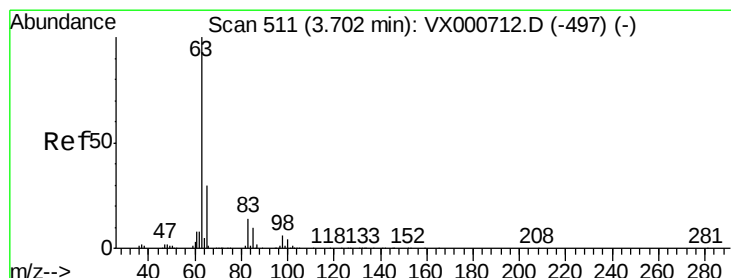
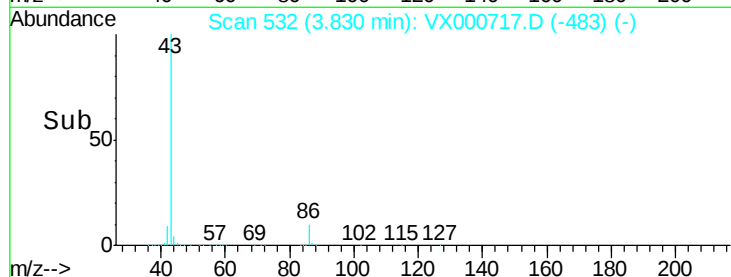
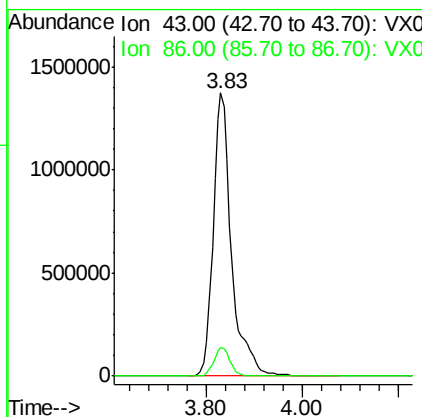
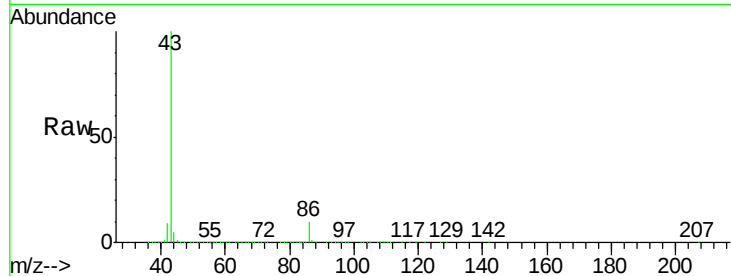
#23
 Vinyl Acetate
 Concen: 462.326 ug/l
 RT: 3.83 min Scan# 532
 Delta R.T. -0.00 min
 Lab File: VX000717.D
 Acq: 07 Apr 2018 15:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tgt Ion: 43 Resp: 3597217
 Ion Ratio Lower Upper
 43 100
 86 10.3 8.0 12.0

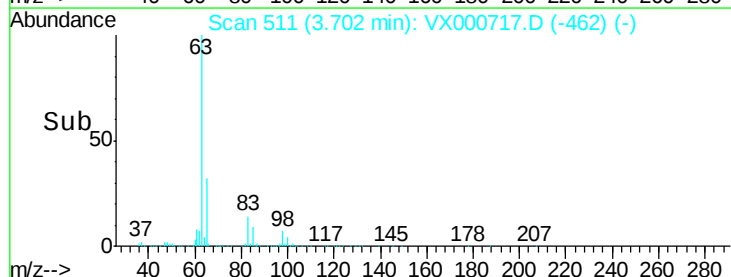
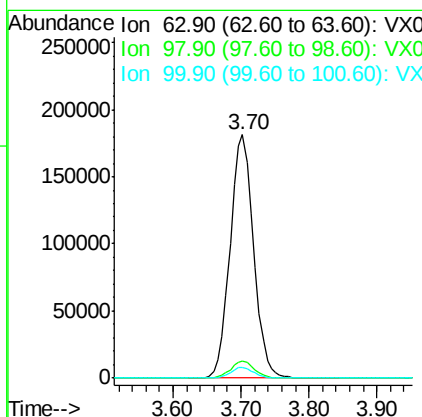
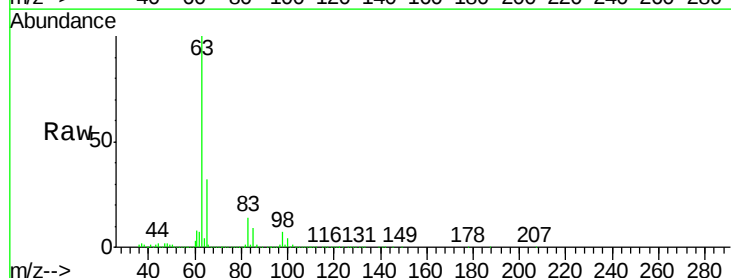
Manual Integrations
 APPROVED

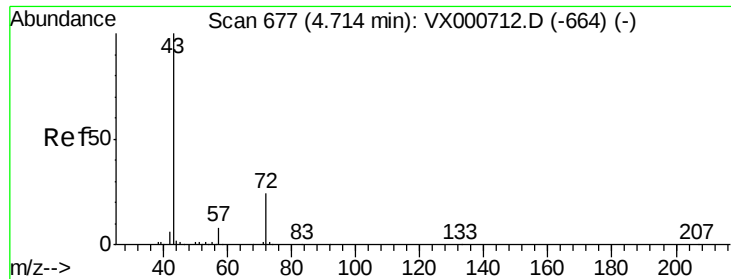
sam
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#24
 1,1-Dichloroethane
 Concen: 92.771 ug/l
 RT: 3.70 min Scan# 511
 Delta R.T. 0.00 min
 Lab File: VX000717.D
 Acq: 07 Apr 2018 15:49

Tgt Ion: 63 Resp: 432220
 Ion Ratio Lower Upper
 63 100
 98 6.9 2.9 8.8
 100 4.5 2.1 6.3





#25

2-Butanone

Concen: 439.732 ug/l

RT: 4.71 min Scan# 677

Delta R.T. -0.00 min

Lab File: VX000717.D

Acq: 07 Apr 2018 15:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tgt Ion: 43 Resp: 916958

Ion Ratio Lower Upper

43 100

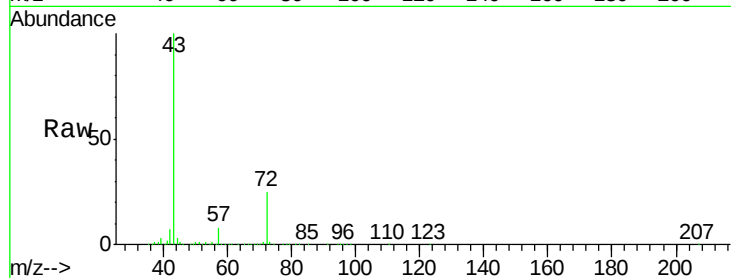
72 24.5 19.0 28.4

Manual Integrations

APPROVED

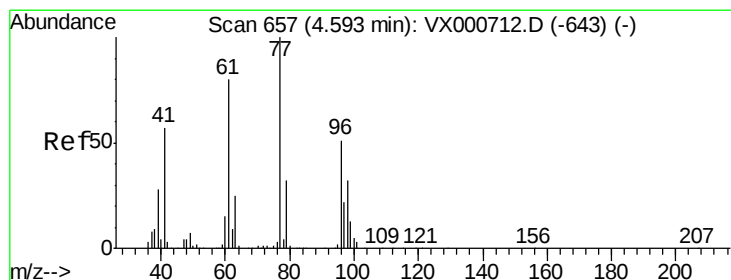
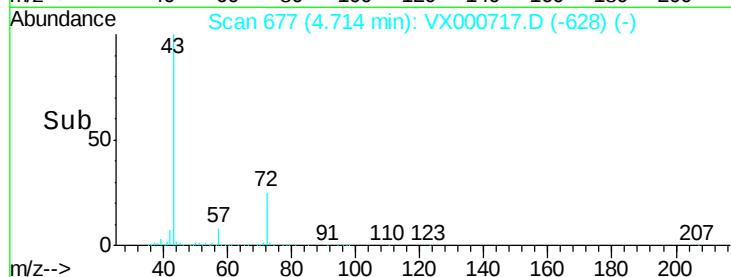
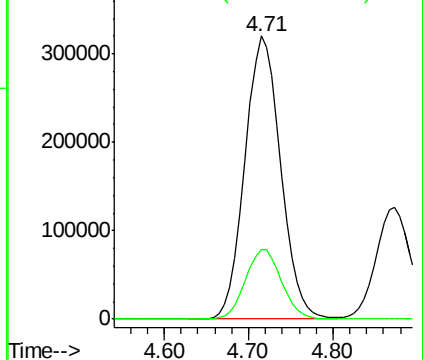
sam

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 98.591 ug/l

RT: 4.59 min Scan# 657

Delta R.T. 0.00 min

Lab File: VX000717.D

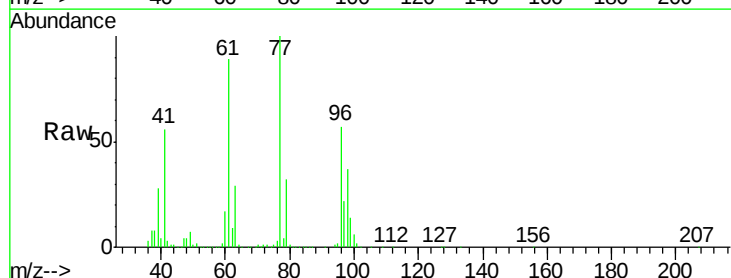
Acq: 07 Apr 2018 15:49

Tgt Ion: 77 Resp: 456315

Ion Ratio Lower Upper

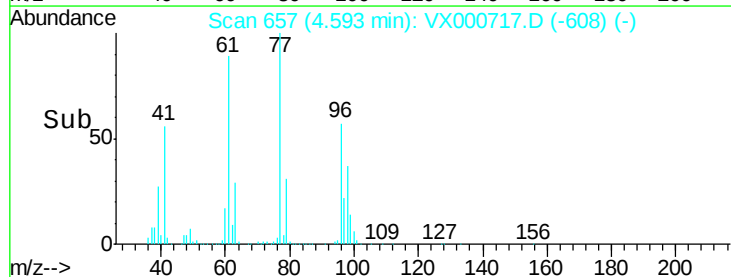
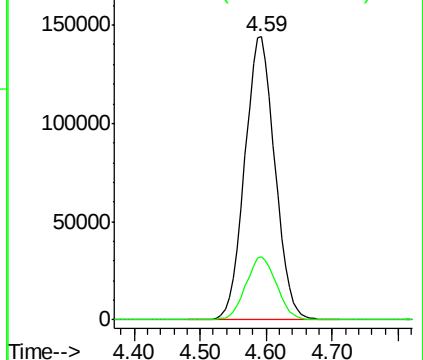
77 100

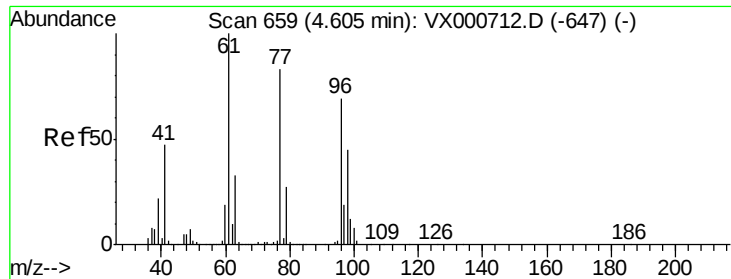
97 22.5 11.3 33.9



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

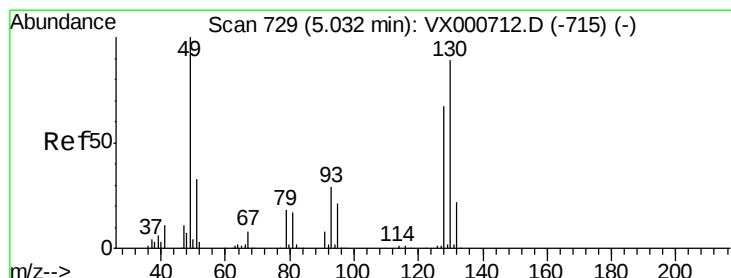
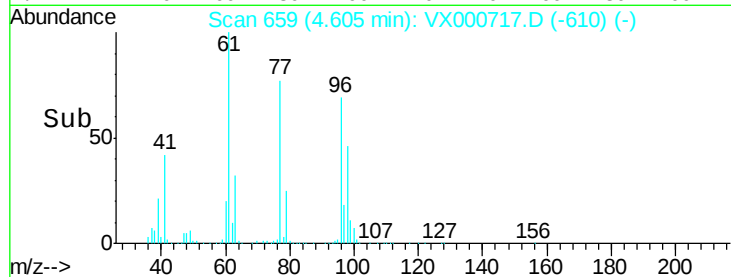
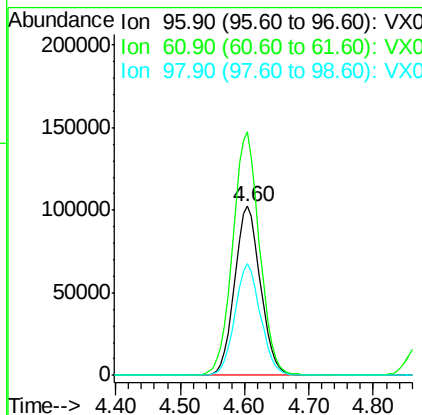
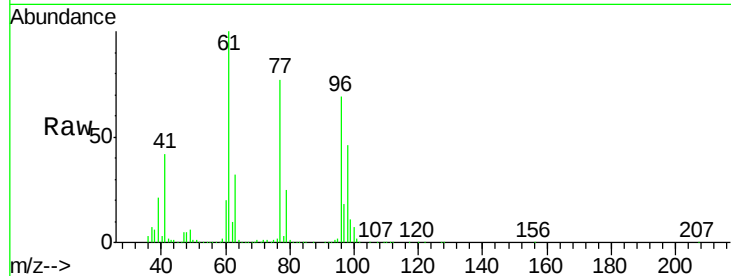
cis-1,2-Dichloroethene
 Concen: 95.231 ug/l
 RT: 4.60 min Scan# 659
 Delta R.T. -0.00 min
 Lab File: VX000717.D
 Acq: 07 Apr 2018 15:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	285513		
61	149.3	0.0	301.0	
98	65.0	0.0	129.6	

Manual Integrations
 APPROVED

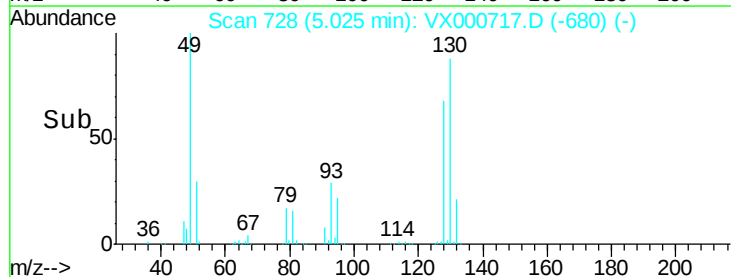
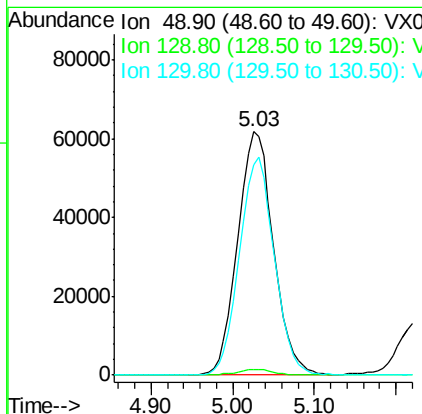
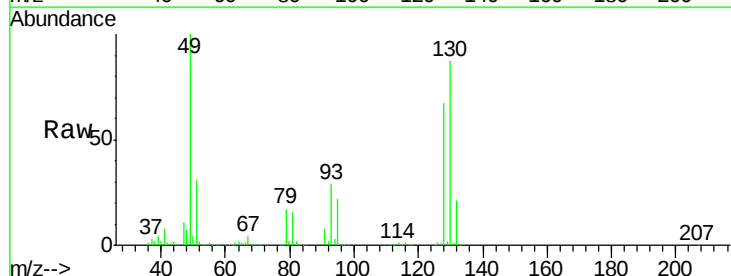
sam
 4/9/2018 2:02:20 PM

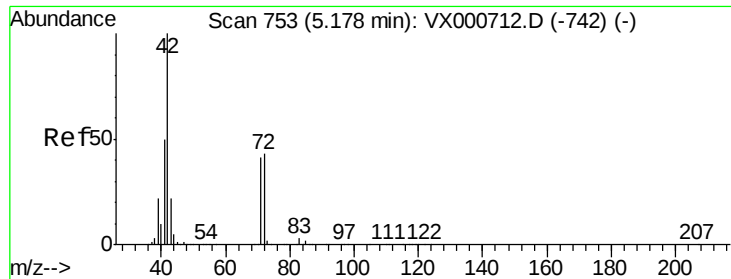


#28

Bromochloromethane
 Concen: 91.579 ug/l
 RT: 5.03 min Scan# 728
 Delta R.T. -0.01 min
 Lab File: VX000717.D
 Acq: 07 Apr 2018 15:49

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	188300		
129	2.4	0.0	5.4	
130	87.6	69.0	103.4	





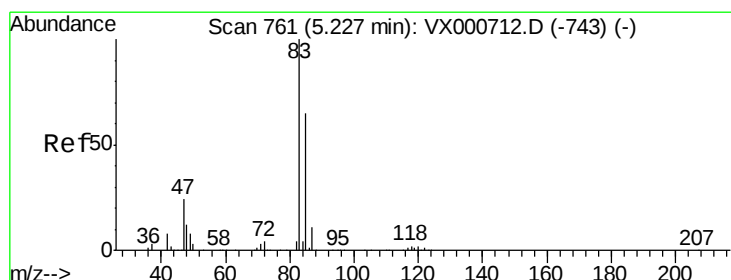
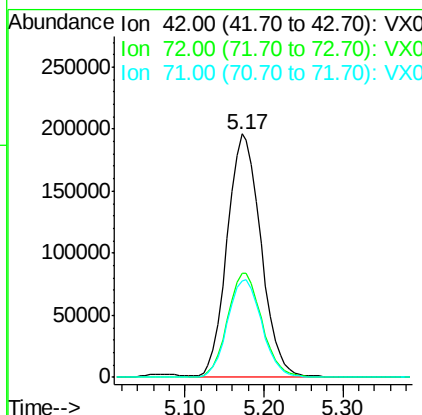
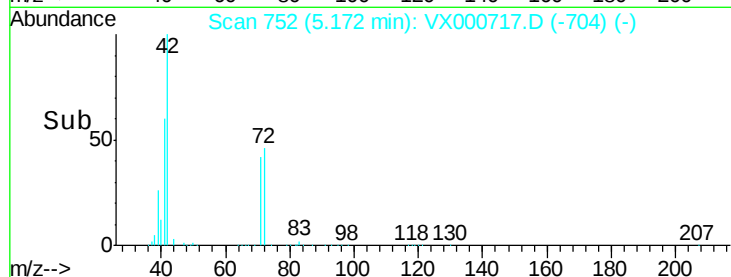
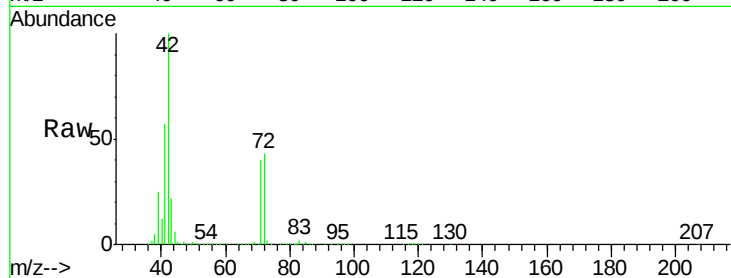
#29
Tetrahydrofuran
Concen: 436.962 ug/l
RT: 5.17 min Scan# 752
Delta R.T. -0.01 min
Lab File: VX000717.D
Acq: 07 Apr 2018 15:49

Instrument :
MSVOA_X
ClientSampled :
VSTDIC100

Tgt Ion	Ratio	Lower	Upper
42	100		
72	43.8	34.4	51.6
71	40.8	32.0	48.0

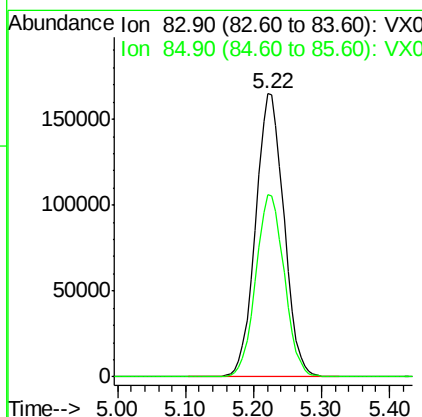
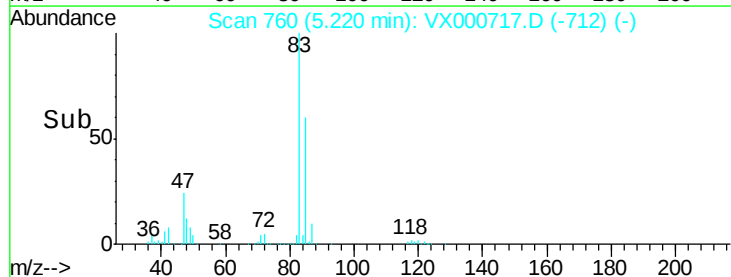
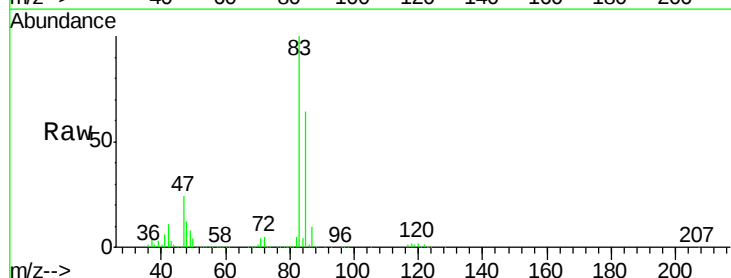
Manual Integrations
APPROVED

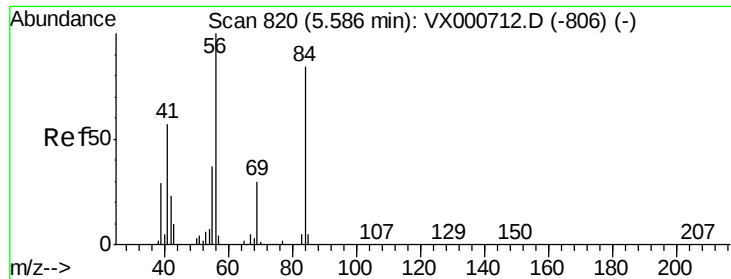
sam
4/9/2018 2:02:20 PM



#30
Chloroform
Concen: 95.858 ug/l
RT: 5.22 min Scan# 760
Delta R.T. -0.01 min
Lab File: VX000717.D
Acq: 07 Apr 2018 15:49

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.2	52.3	78.5





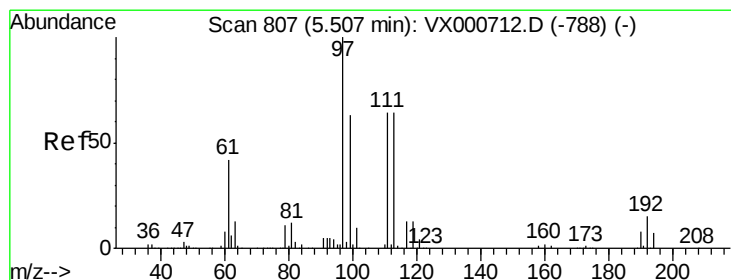
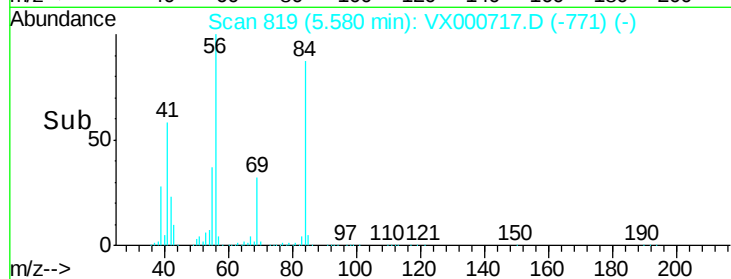
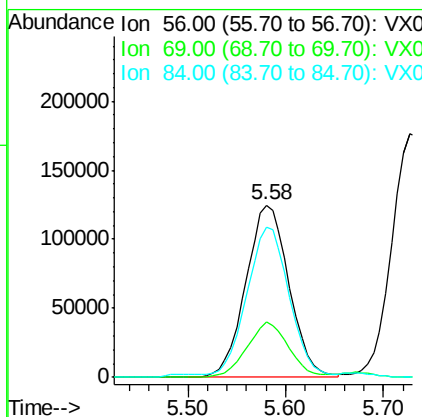
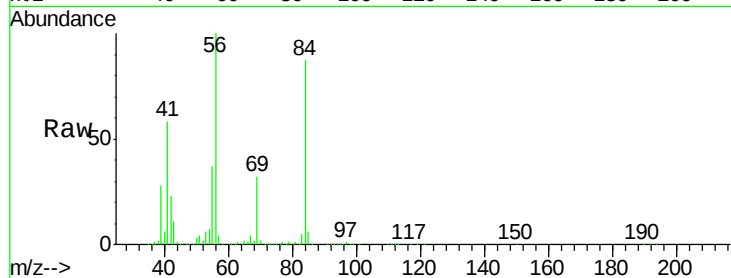
#31
Cyclohexane
Concen: 97.776 ug/l
RT: 5.58 min Scan# 819
Delta R.T. -0.01 min
Lab File: VX000717.D
Acq: 07 Apr 2018 15:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion	Ratio	Lower	Upper
56	100		
69	32.0	23.8	35.6
84	85.4	67.4	101.2

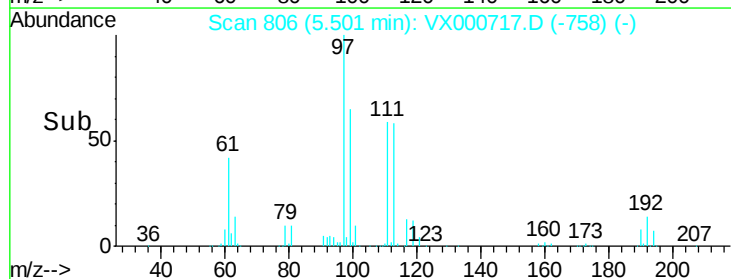
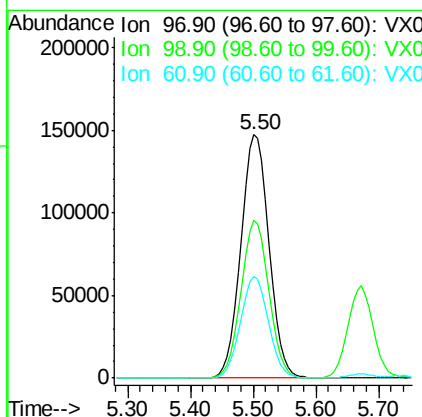
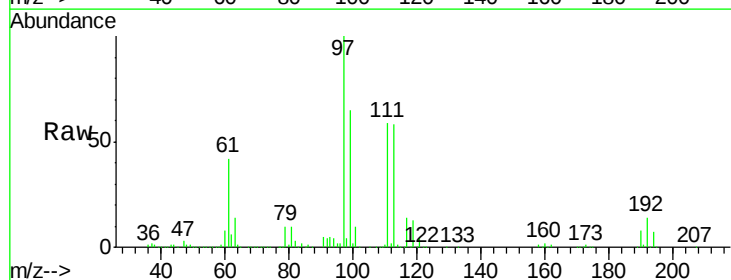
Manual Integrations
APPROVED

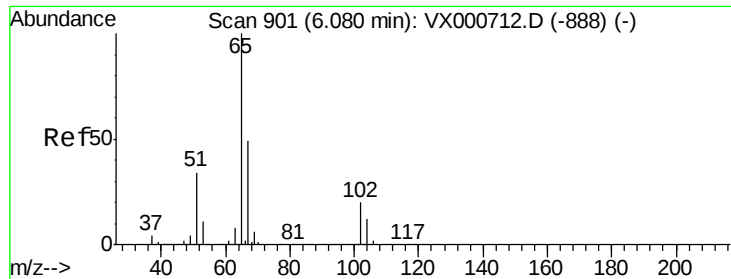
sam
4/9/2018 2:02:20 PM



#32
1,1,1-Trichloroethane
Concen: 96.104 ug/l
RT: 5.50 min Scan# 806
Delta R.T. -0.01 min
Lab File: VX000717.D
Acq: 07 Apr 2018 15:49

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.2	51.4	77.2
61	41.6	34.2	51.4





#33

1,2-Dichloroethane-d4

Concen: 92.688 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.01 min

Lab File: VX000717.D

Acq: 07 Apr 2018 15:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tgt Ion: 65 Resp: 334046

Ion Ratio Lower Upper

65 100

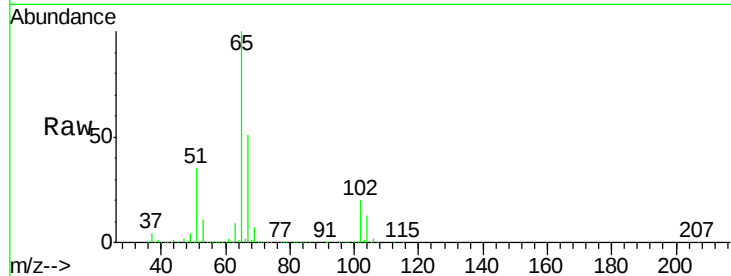
67 51.5 0.0 102.6

Manual Integrations

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sam

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Abundance Ion 64.90 (64.60 to 65.60): VX000717.D (-852) (-)

Ion 66.90 (66.60 to 67.60): VX000717.D (-852) (-)

150000

100000

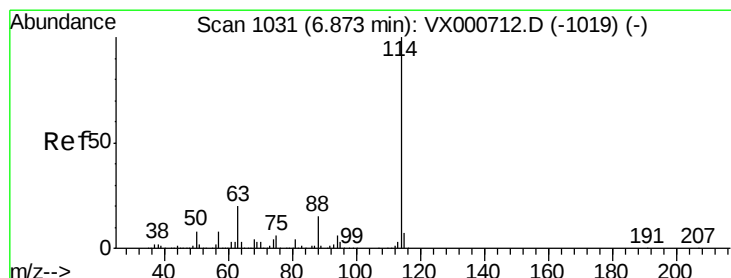
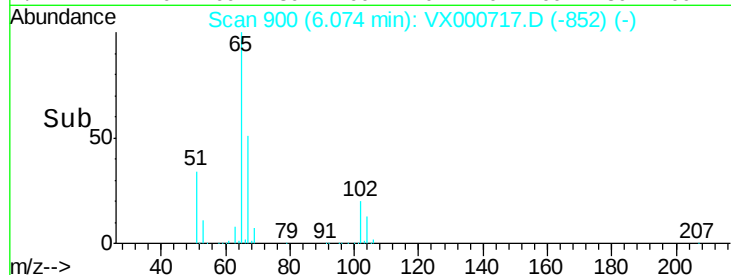
50000

0

6.07

6.00 6.10 6.20

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VX000717.D

Acq: 07 Apr 2018 15:49

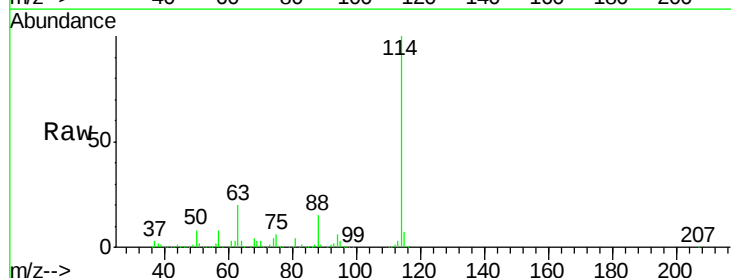
Tgt Ion: 114 Resp: 438906

Ion Ratio Lower Upper

114 100

63 19.9 0.0 39.6

88 15.5 0.0 30.6



Abundance Ion 113.90 (113.60 to 114.60): VX000717.D (-982) (-)

Ion 63.00 (62.70 to 63.70): VX000717.D (-982) (-)

Ion 87.90 (87.60 to 88.60): VX000717.D (-982) (-)

250000

200000

150000

100000

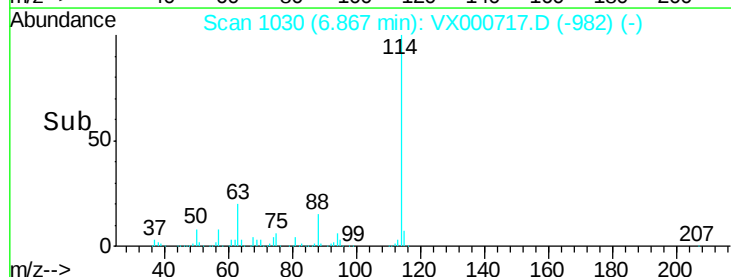
50000

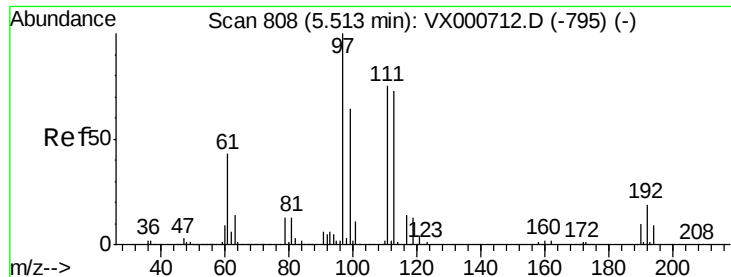
0

6.87

6.70 6.80 6.90 7.00 7.10

Time-->





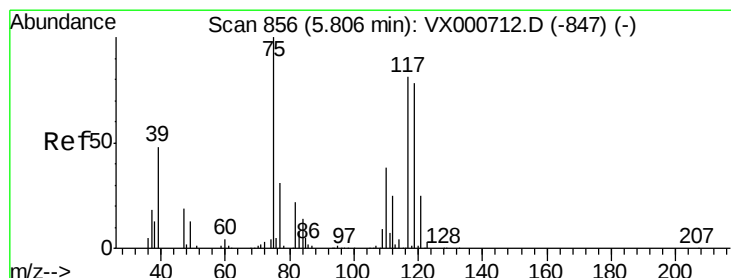
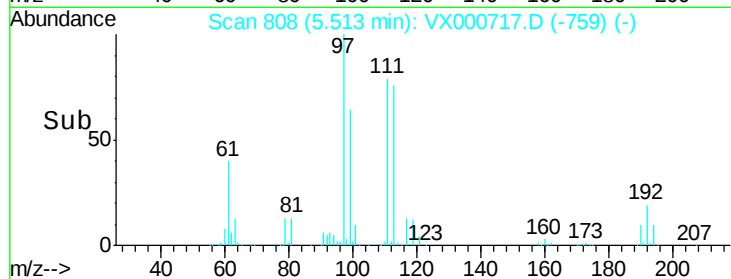
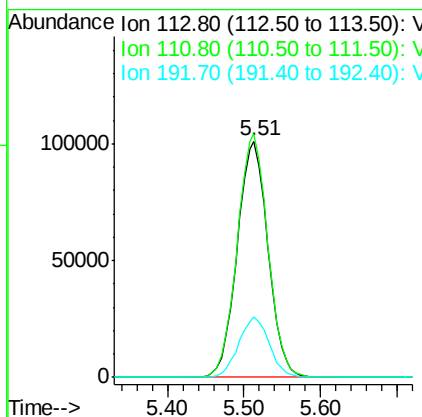
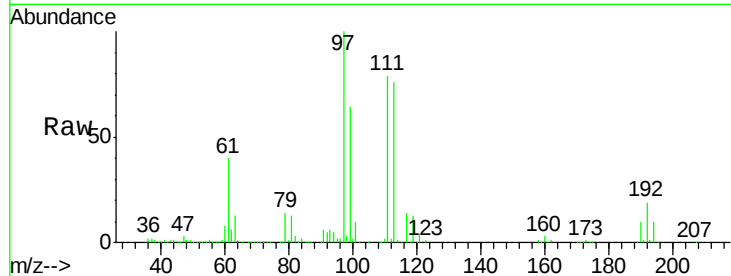
#35
Dibromofluoromethane
Concen: 98.342 ug/l
RT: 5.51 min Scan# 808
Delta R.T. 0.00 min
Lab File: VX000717.D
Acq: 07 Apr 2018 15:49

Instrument :
MSVOA_X
ClientSampled :
VSTDIC100

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	281929		
111	102.6	81.5	122.3	
192	25.5	20.0	30.0	

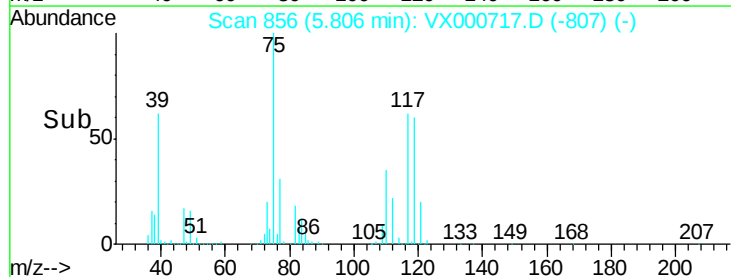
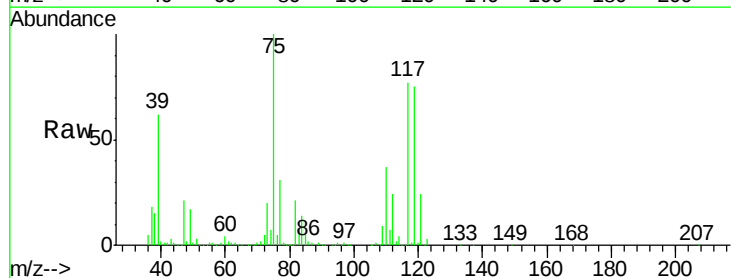
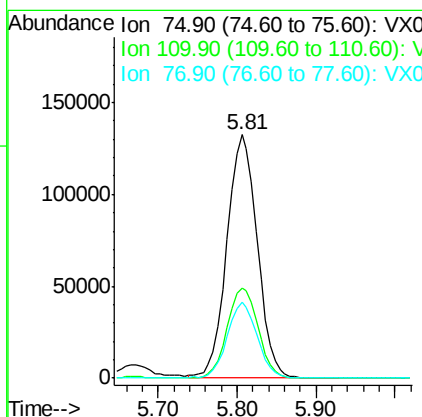
Manual Integrations
APPROVED

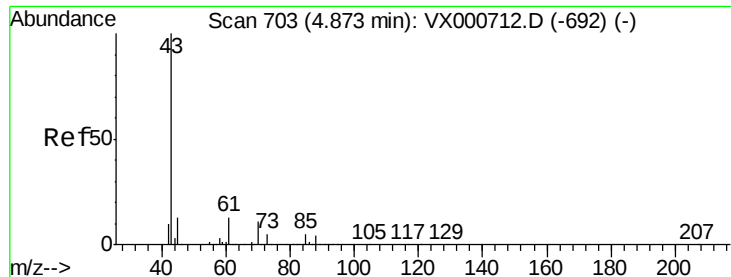
sam
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#36
1,1-Dichloropropene
Concen: 101.909 ug/l
RT: 5.81 min Scan# 856
Delta R.T. -0.00 min
Lab File: VX000717.D
Acq: 07 Apr 2018 15:49

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	354314		
110	37.6	18.6	56.0	
77	30.6	24.6	37.0	





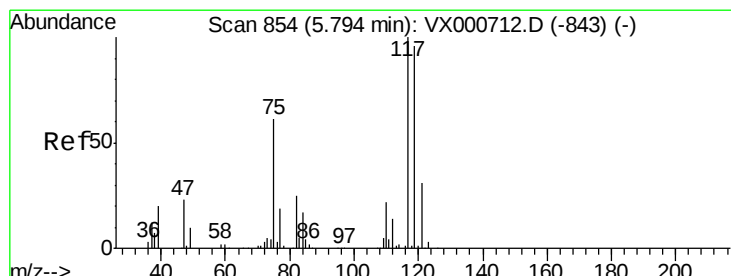
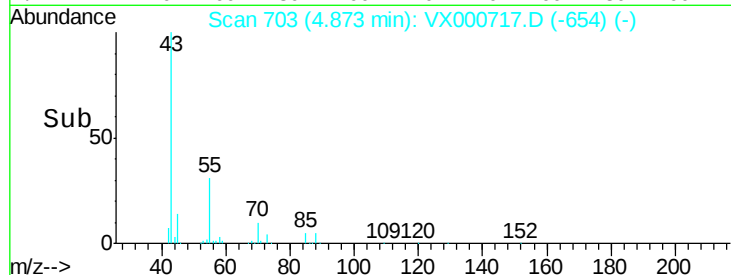
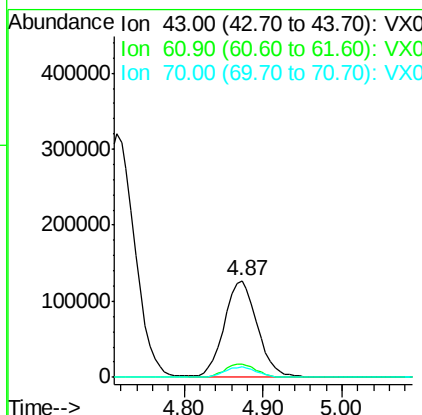
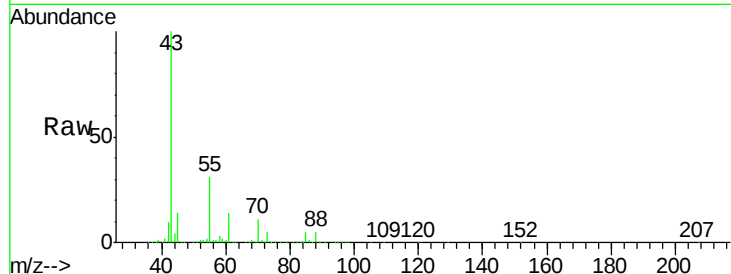
#37
Ethyl Acetate
Concen: 92.535 ug/l
RT: 4.87 min Scan# 703
Delta R.T. 0.00 min
Lab File: VX000717.D
Acq: 07 Apr 2018 15:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion	Ratio	Lower	Upper
43	100		
61	13.5	10.5	15.7
70	10.6	8.4	12.6

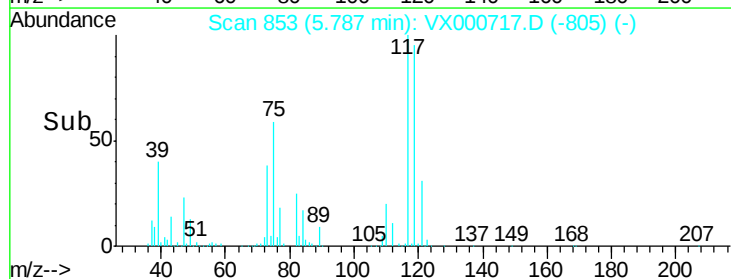
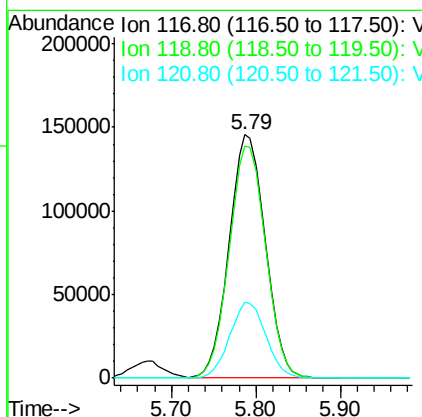
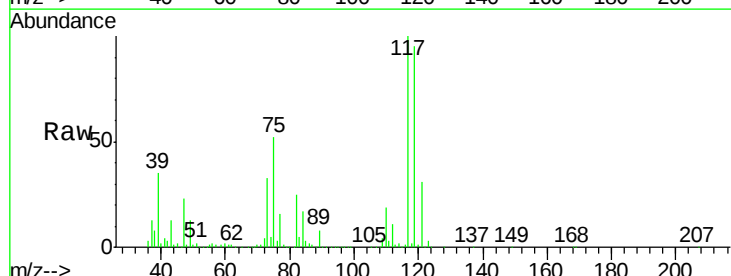
Manual Integrations
APPROVED

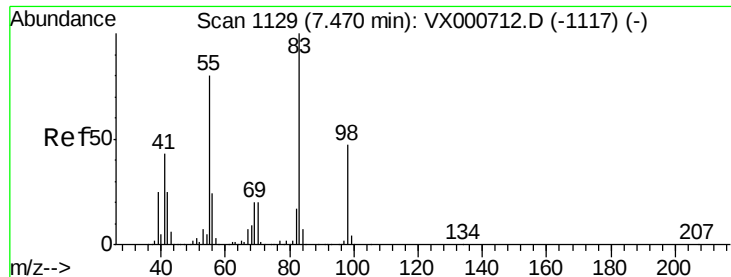
sam
4/9/2018 2:02:20 PM



#38
Carbon Tetrachloride
Concen: 100.476 ug/l
RT: 5.79 min Scan# 853
Delta R.T. -0.01 min
Lab File: VX000717.D
Acq: 07 Apr 2018 15:49

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.2	76.7	115.1
121	31.0	24.7	37.1





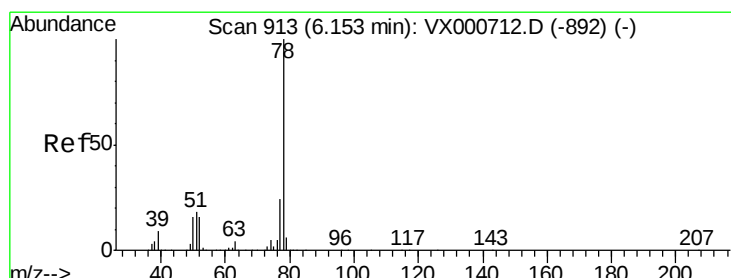
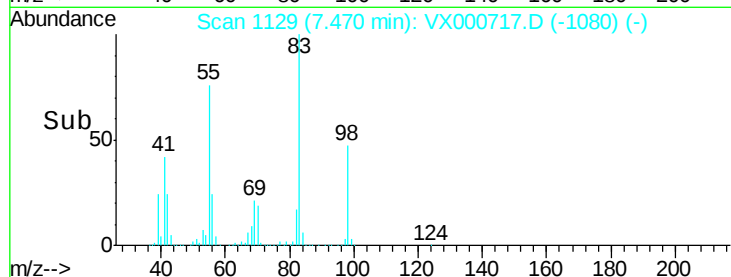
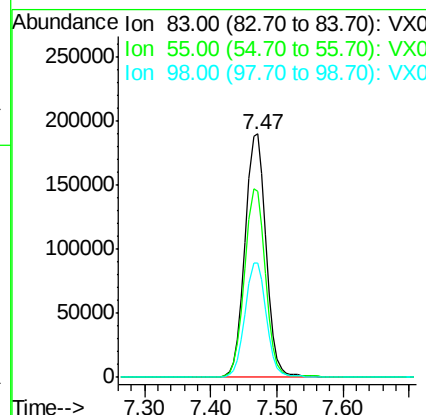
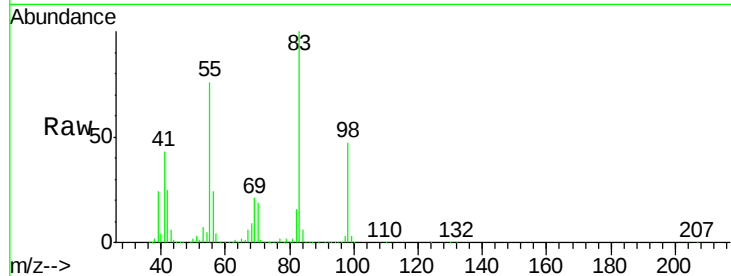
#39
Methylcyclohexane
Concen: 105.197 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. 0.00 min
Lab File: VX000717.D
Acq: 07 Apr 2018 15:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion	Ratio	Lower	Upper
83	100		
55	76.0	63.7	95.5
98	46.7	37.2	55.8

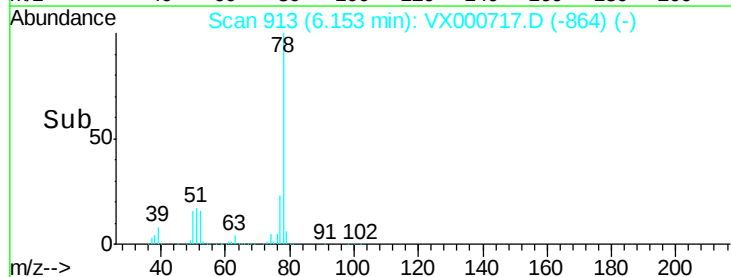
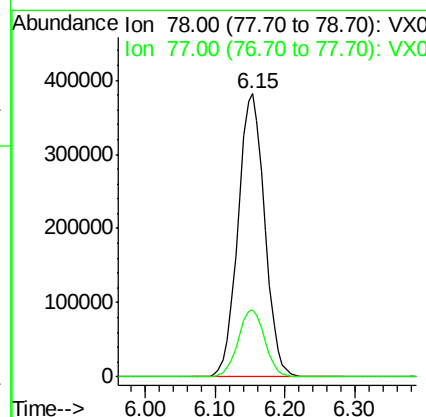
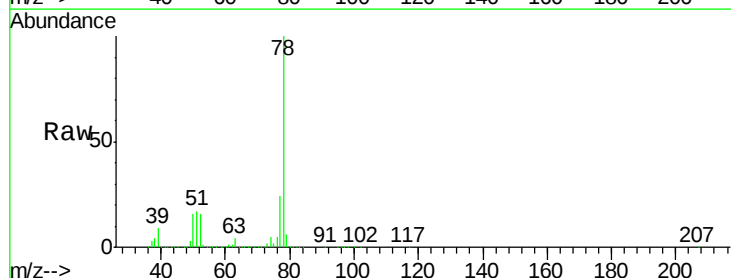
Manual Integrations
APPROVED

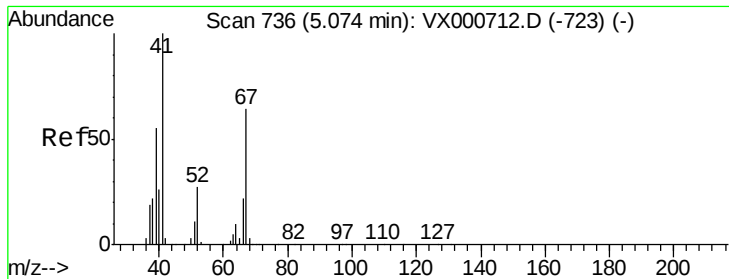
sam
4/9/2018 2:02:20 PM



#40
Benzene
Concen: 99.312 ug/l
RT: 6.15 min Scan# 913
Delta R.T. -0.00 min
Lab File: VX000717.D
Acq: 07 Apr 2018 15:49

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.6	19.0	28.4





#41

Methacrylonitrile

Concen: 94.213 ug/l

RT: 5.07 min Scan# 736

Delta R.T. 0.00 min

Lab File: VX000717.D

Acq: 07 Apr 2018 15:49

Instrument :

MSVOA_X

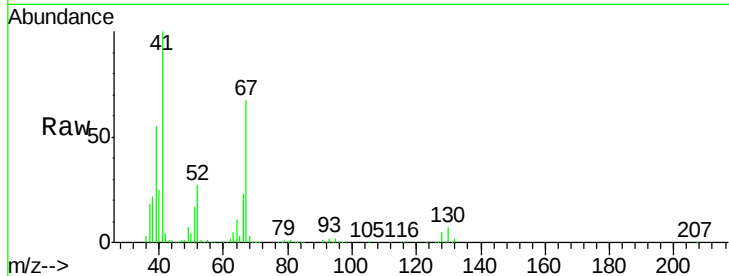
ClientSampled :

VSTDIC100

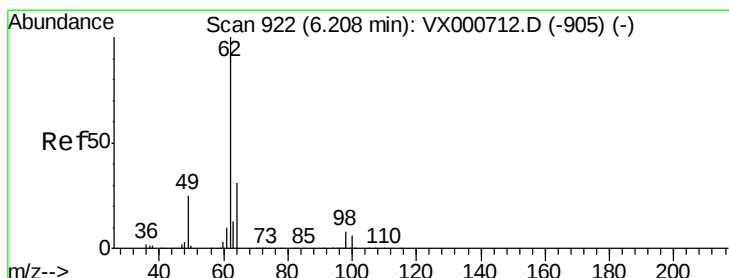
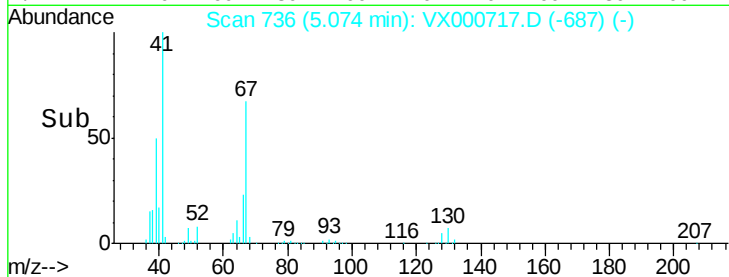
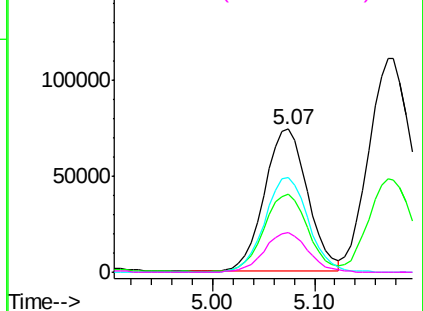
Tgt Ion	Ion	Ratio	Lower	Upper
41	100			
39	55.1	45.3	67.9	
67	66.8	52.7	79.1	
52	27.9	22.3	33.5	

Manual Integrations
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sam
4/9/2018 2:02:20 PM



Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 96.353 ug/l

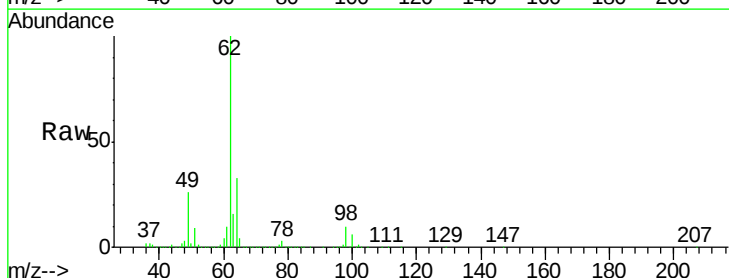
RT: 6.21 min Scan# 922

Delta R.T. -0.00 min

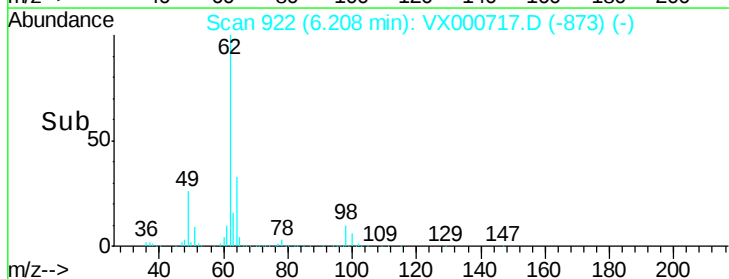
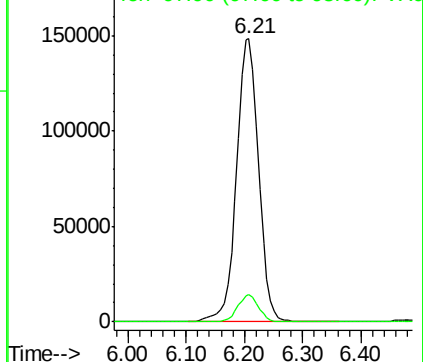
Lab File: VX000717.D

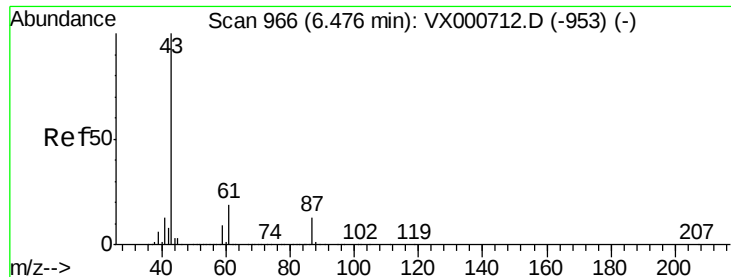
Acq: 07 Apr 2018 15:49

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



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0





#43

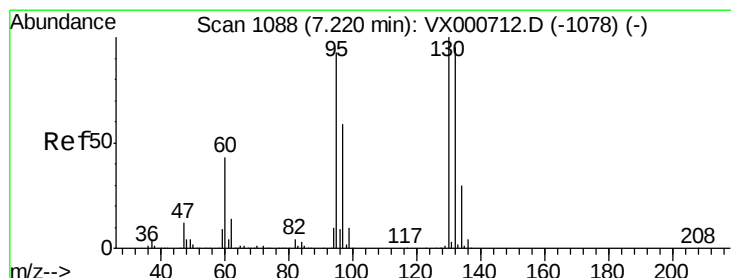
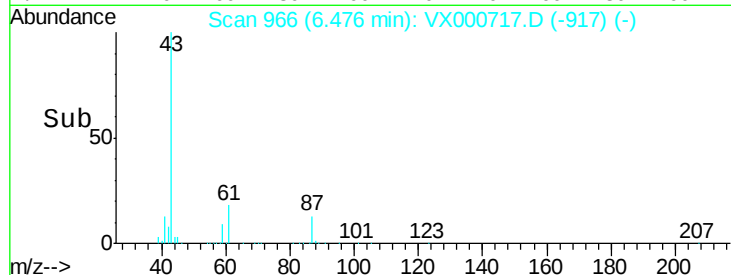
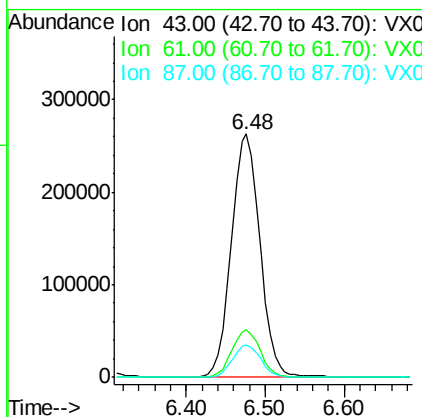
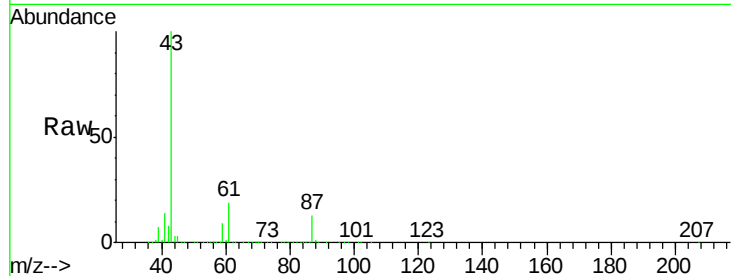
Isopropyl Acetate
 Concen: 94.975 ug/l
 RT: 6.48 min Scan# 966
 Delta R.T. -0.00 min
 Lab File: VX000717.D
 Acq: 07 Apr 2018 15:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tgt Ion:	43	Resp:	658333
Ion	Ratio	Lower	Upper
43	100		
61	19.5	15.4	23.0
87	13.2	10.4	15.6

Manual Integrations
 APPROVED

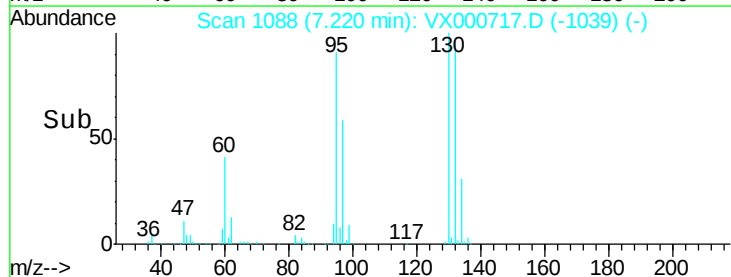
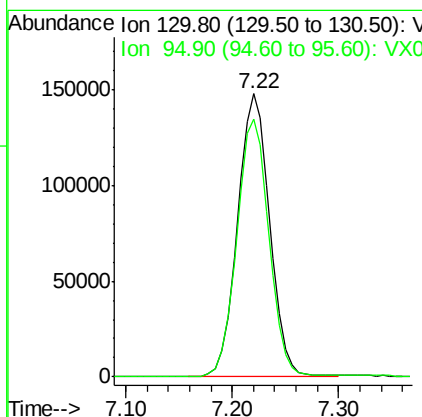
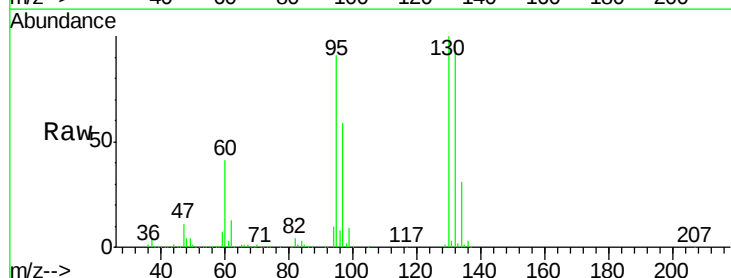
sam
 4/9/2018 2:02:20 PM

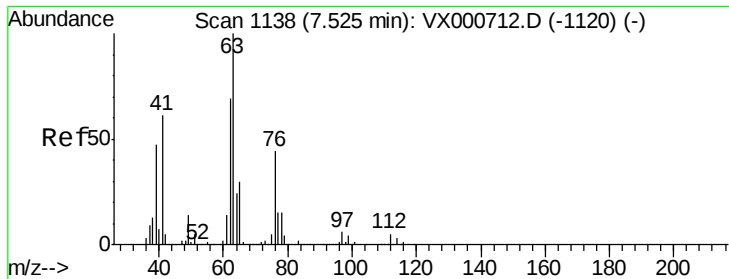


#44

Trichloroethene
 Concen: 100.592 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. -0.00 min
 Lab File: VX000717.D
 Acq: 07 Apr 2018 15:49

Tgt Ion:	130	Resp:	313663
Ion	Ratio	Lower	Upper
130	100		
95	91.3	0.0	185.4





#45

1,2-Dichloropropane

Concen: 97.171 ug/l

RT: 7.52 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VX000717.D

Acq: 07 Apr 2018 15:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tgt Ion: 63 Resp: 265571

Ion Ratio Lower Upper

63 100

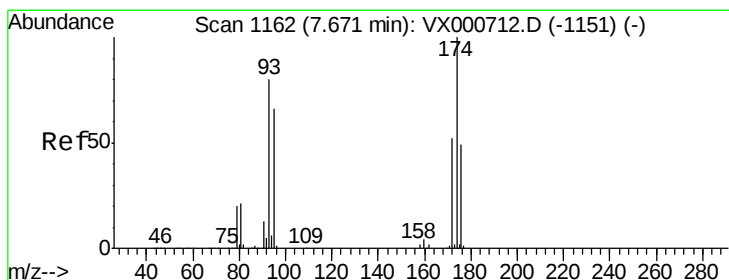
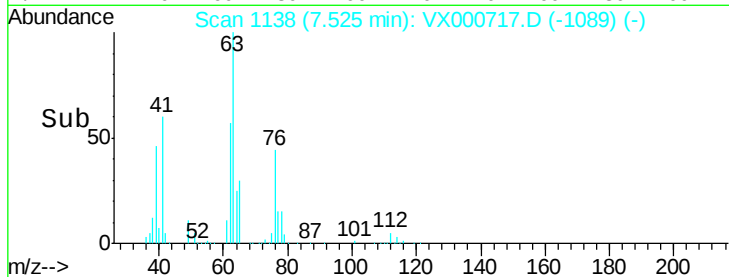
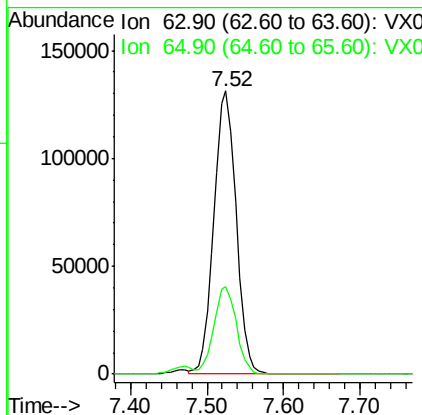
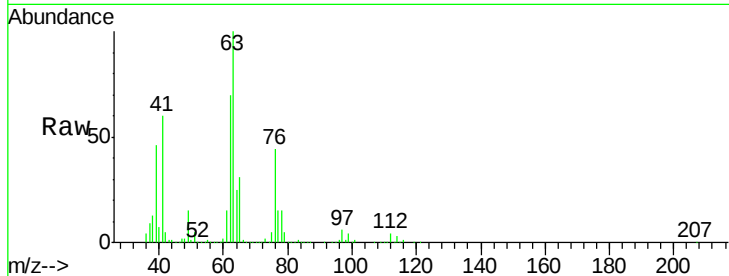
65 30.8 24.2 36.2

Manual Integrations

APPROVED

sam

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#46

Dibromomethane

Concen: 97.764 ug/l

RT: 7.67 min Scan# 1162

Delta R.T. 0.00 min

Lab File: VX000717.D

Acq: 07 Apr 2018 15:49

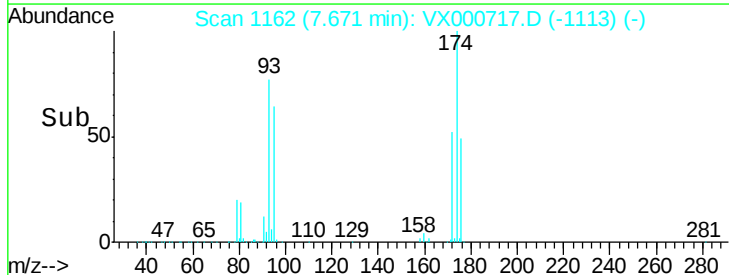
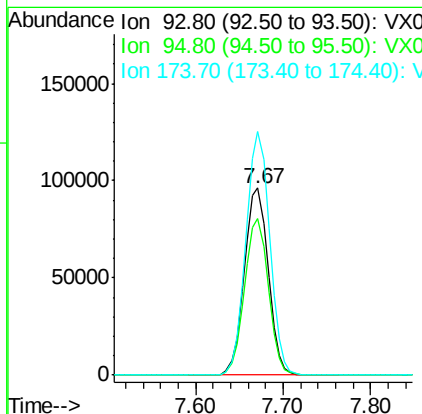
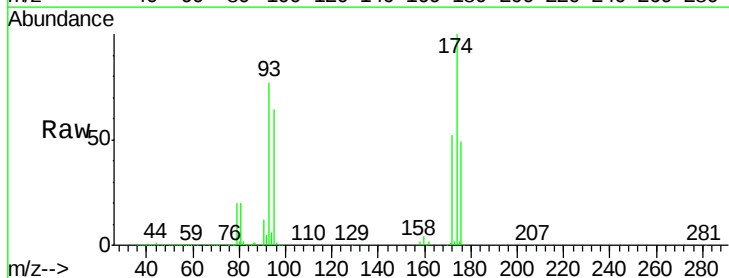
Tgt Ion: 93 Resp: 183150

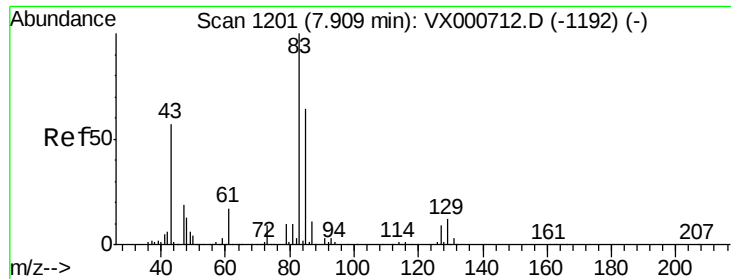
Ion Ratio Lower Upper

93 100

95 83.3 66.0 99.0

174 129.3 100.2 150.2





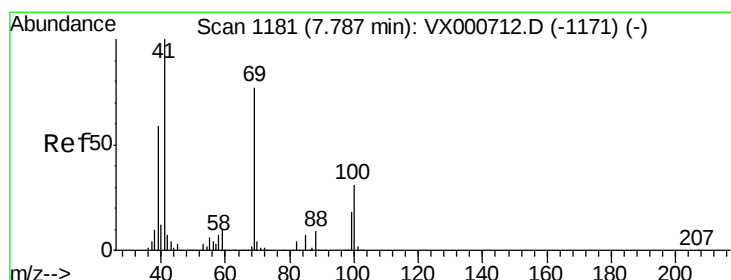
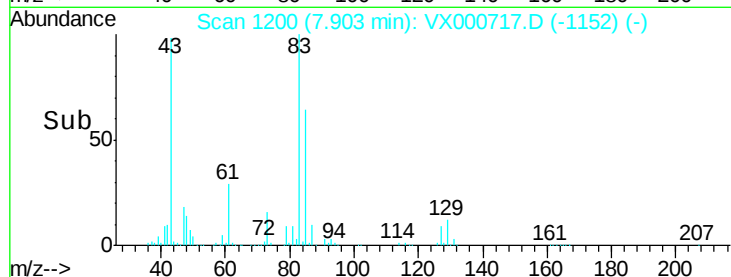
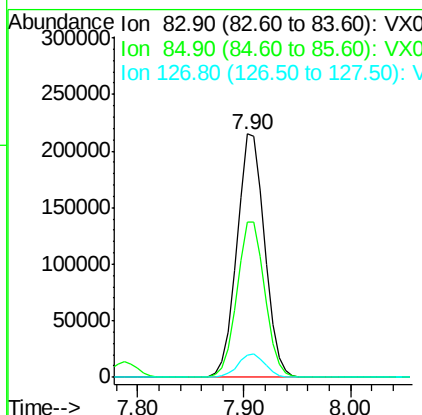
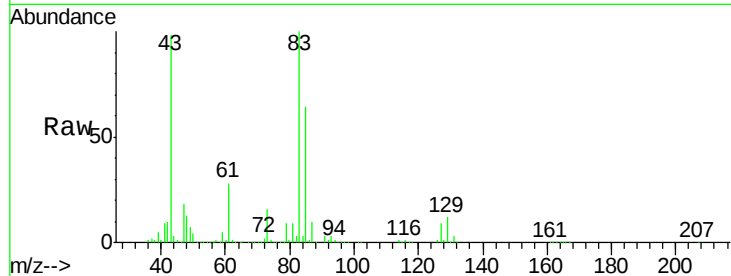
#47
Bromodichloromethane
Concen: 99.497 ug/l
RT: 7.90 min Scan# 1200
Delta R.T. -0.01 min
Lab File: VX000717.D
Acq: 07 Apr 2018 15:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	393330		
85	63.5		51.0	76.4
127	9.4		7.4	11.2

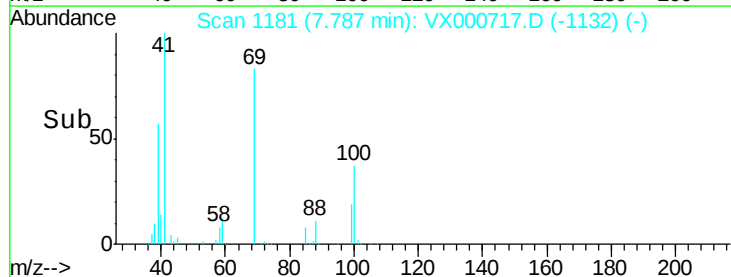
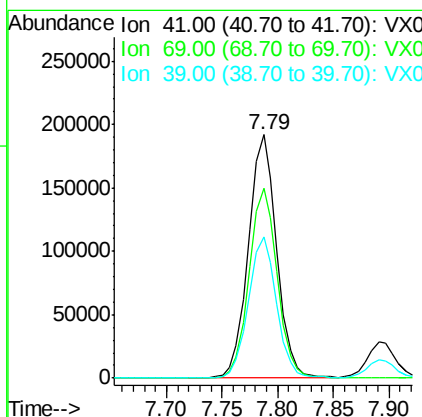
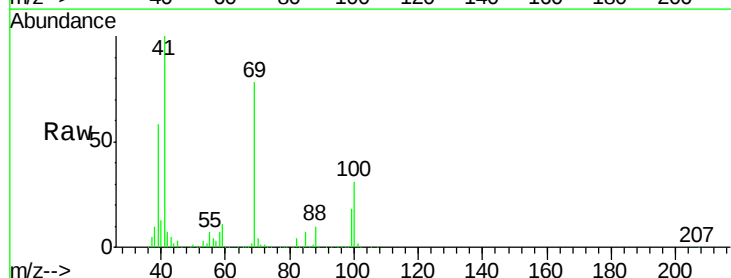
Manual Integrations
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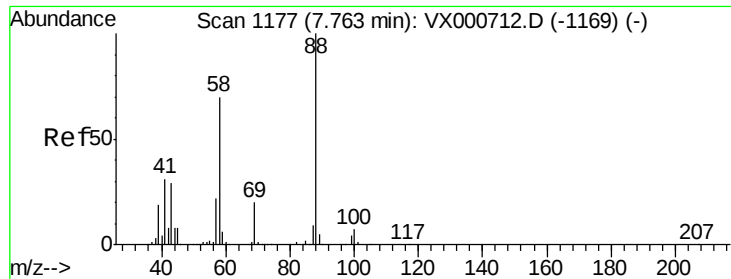
sam
4/9/2018 2:02:20 PM



#48
Methyl methacrylate
Concen: 94.738 ug/l
RT: 7.79 min Scan# 1181
Delta R.T. -0.00 min
Lab File: VX000717.D
Acq: 07 Apr 2018 15:49

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	337075		
69	78.0		62.0	93.0
39	57.8		47.0	70.4





#49

1,4-Dioxane

Concen: 1749.813 ug/l

RT: 7.77 min Scan# 1178

Delta R.T. 0.01 min

Lab File: VX000717.D

Acq: 07 Apr 2018 15:49

Instrument :

MSVOA_X

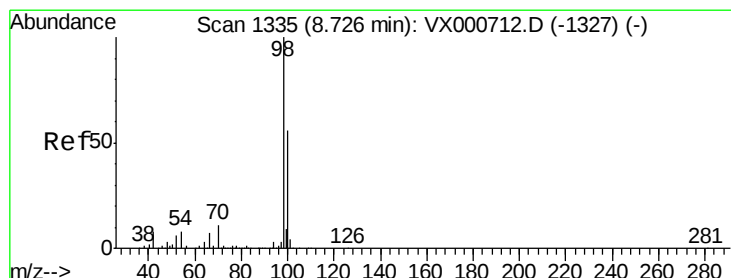
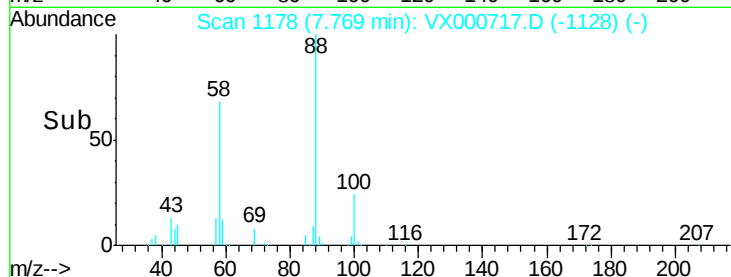
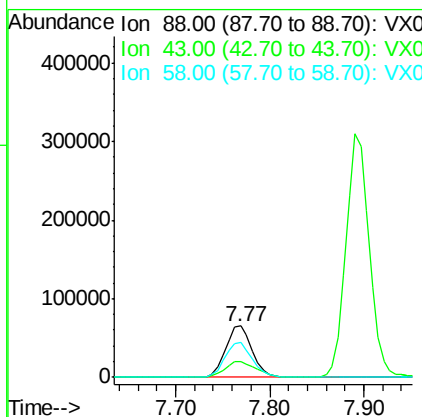
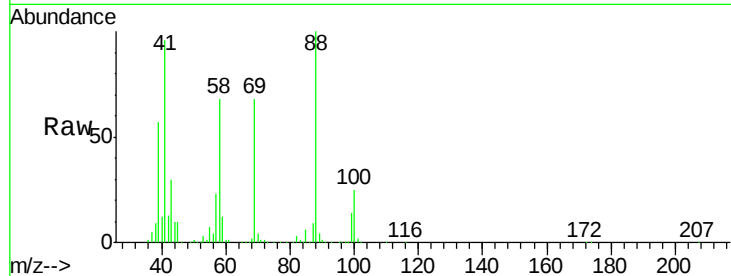
ClientSampleId :

VSTDIC100

Tgt Ion:	88	Resp:	126182
Ion Ratio	Lower	Upper	
88	100		
43	34.4	27.9	41.9
58	70.5	57.0	85.4

Manual Integrations
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sam
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#50

Toluene-d8

Concen: 99.265 ug/l

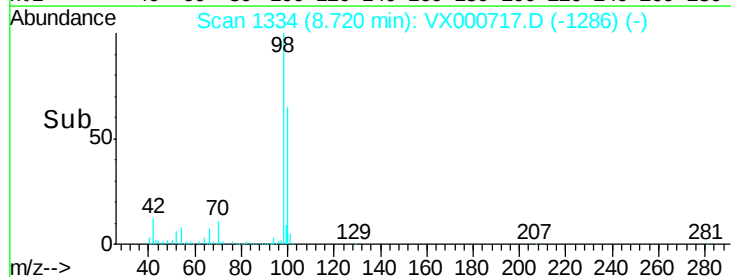
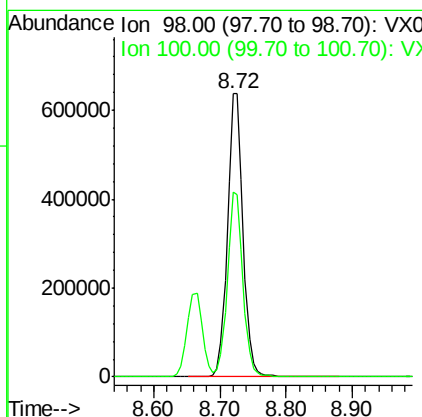
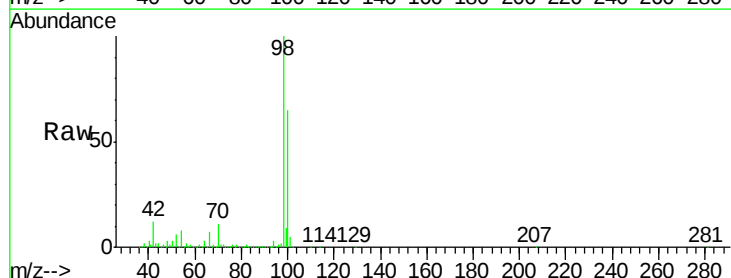
RT: 8.72 min Scan# 1334

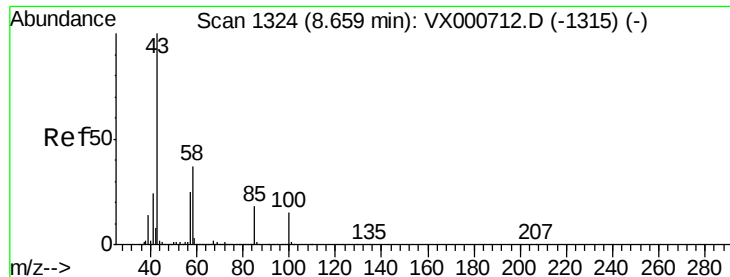
Delta R.T. -0.01 min

Lab File: VX000717.D

Acq: 07 Apr 2018 15:49

Tgt Ion:	98	Resp:	1044793
Ion Ratio	Lower	Upper	
98	100		
100	65.1	52.6	78.8





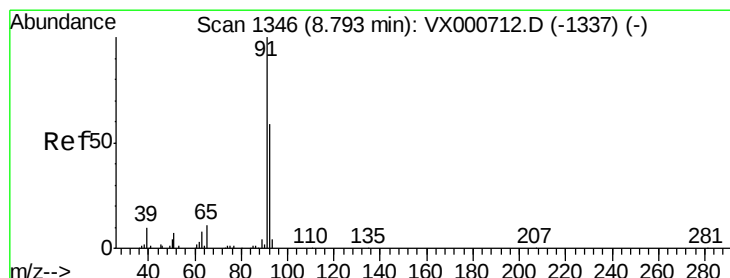
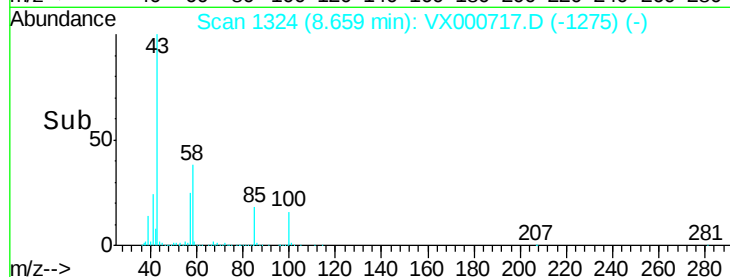
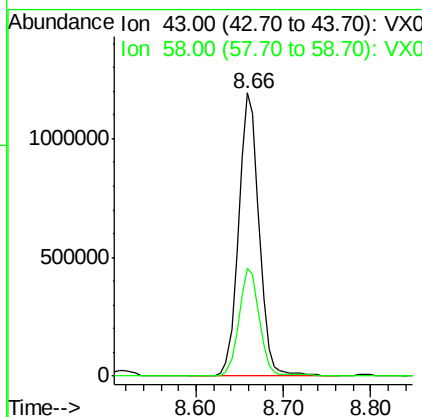
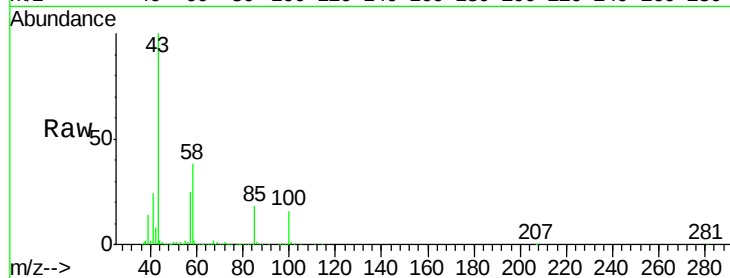
#51
 4-Methyl-2-Pentanone
 Concen: 470.960 ug/l
 RT: 8.66 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX000717.D
 Acq: 07 Apr 2018 15:49

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC100

Tgt Ion: 43 Resp: 1941657
 Ion Ratio Lower Upper
 43 100
 58 37.9 30.6 46.0

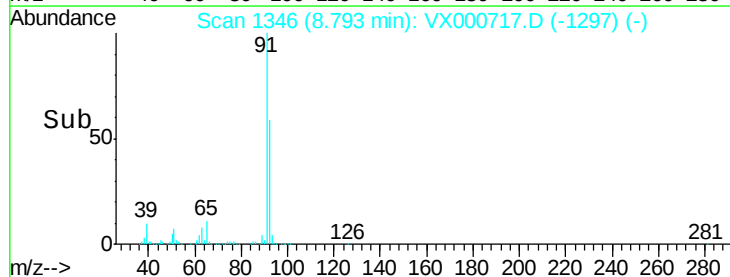
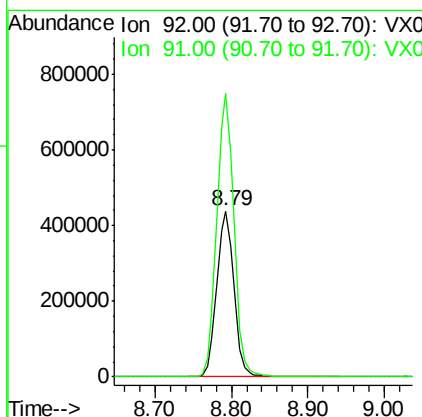
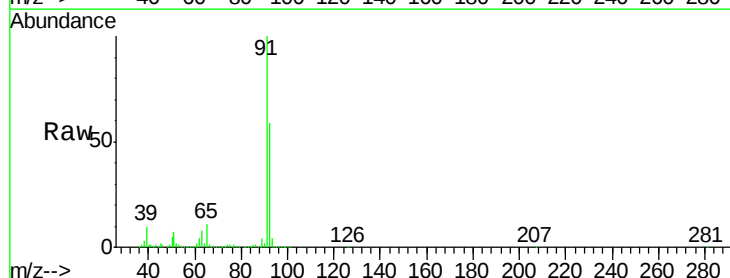
Manual Integrations
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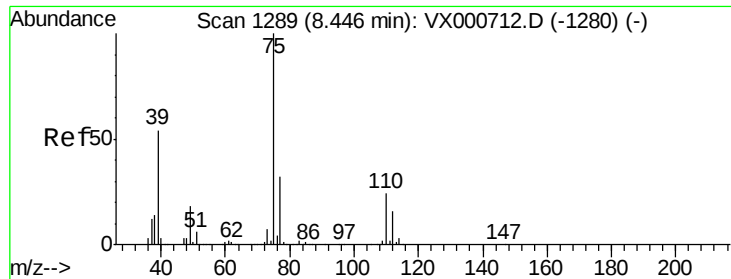
sam
 4/9/2018 2:02:20 PM



#52
 Toluene
 Concen: 100.001 ug/l
 RT: 8.79 min Scan# 1346
 Delta R.T. -0.00 min
 Lab File: VX000717.D
 Acq: 07 Apr 2018 15:49

Tgt Ion: 92 Resp: 677105
 Ion Ratio Lower Upper
 92 100
 91 171.6 136.4 204.6





#53

t-1,3-Dichloropropene

Concen: 99.886 ug/l

RT: 8.45 min Scan# 1289

Delta R.T. 0.00 min

Lab File: VX000717.D

Acq: 07 Apr 2018 15:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tgt Ion: 75 Resp: 468957

Ion Ratio Lower Upper

75 100

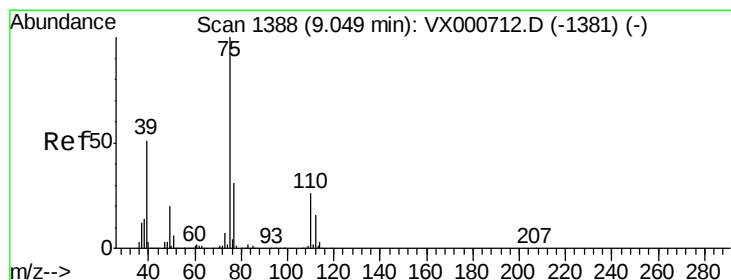
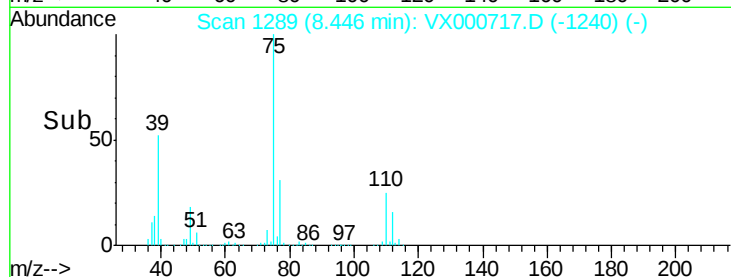
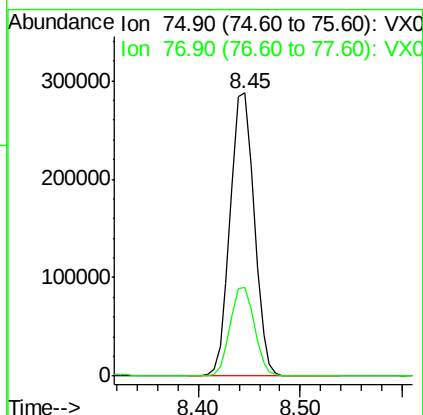
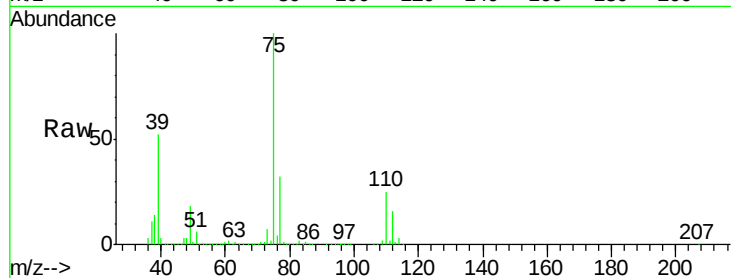
77 31.5 25.4 38.0

Manual Integrations

APPROVED

sam

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#54

cis-1,3-Dichloropropene

Concen: 98.933 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. 0.00 min

Lab File: VX000717.D

Acq: 07 Apr 2018 15:49

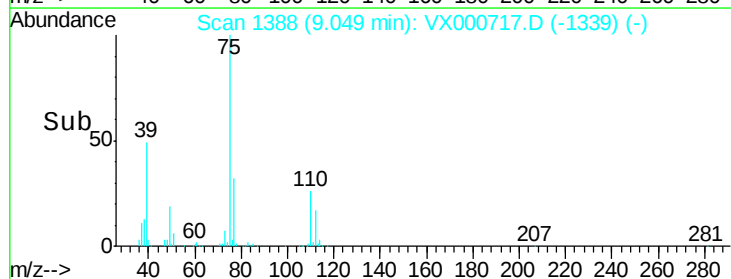
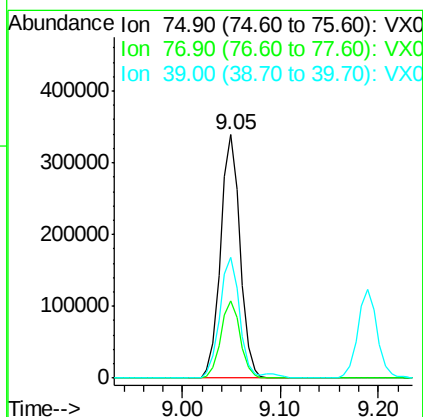
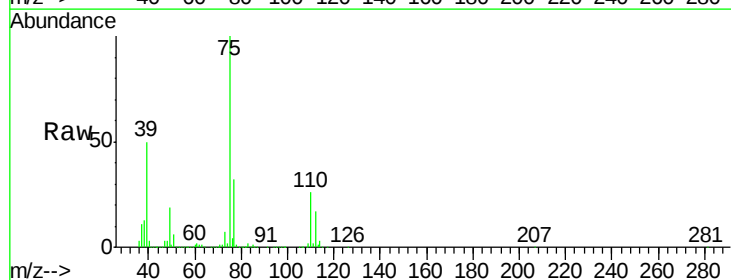
Tgt Ion: 75 Resp: 467512

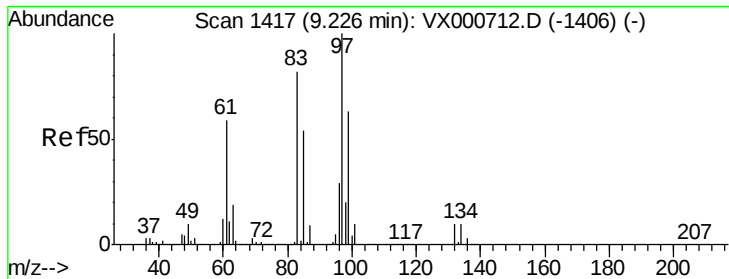
Ion Ratio Lower Upper

75 100

77 31.8 25.2 37.8

39 49.6 40.5 60.7





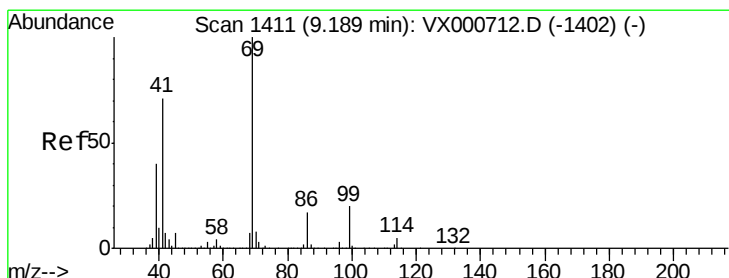
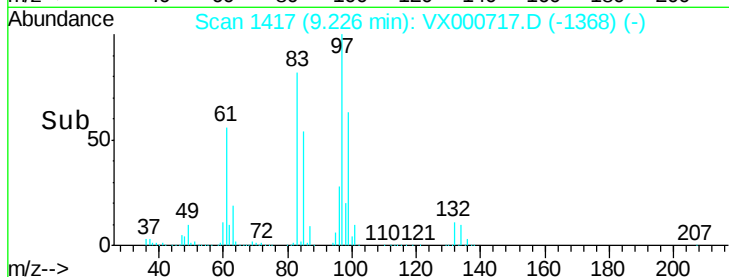
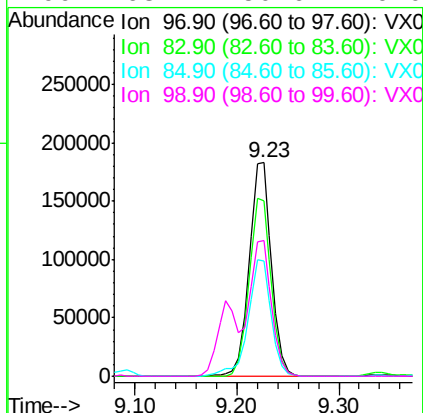
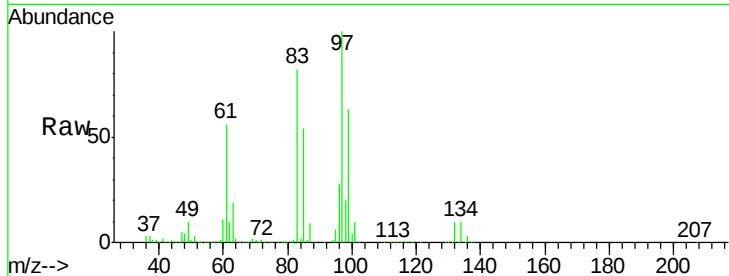
#55
 1,1,2-Trichloroethane
 Concen: 98.894 ug/l
 RT: 9.23 min Scan# 1417
 Delta R.T. -0.00 min
 Lab File: VX000717.D
 Acq: 07 Apr 2018 15:49

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC100

Tgt Ion	Ratio	Resp	Lower	Upper
97	100	276797		
83	82.1	65.7	98.5	
85	54.1	42.8	64.2	
99	63.4	50.6	76.0	

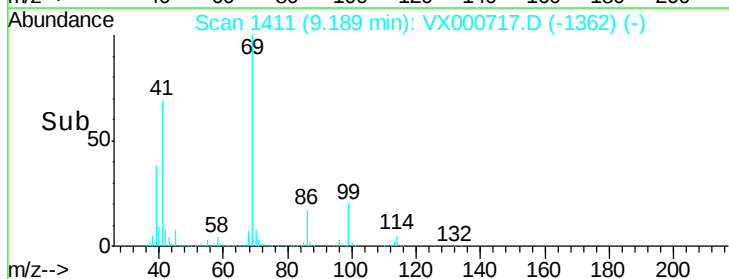
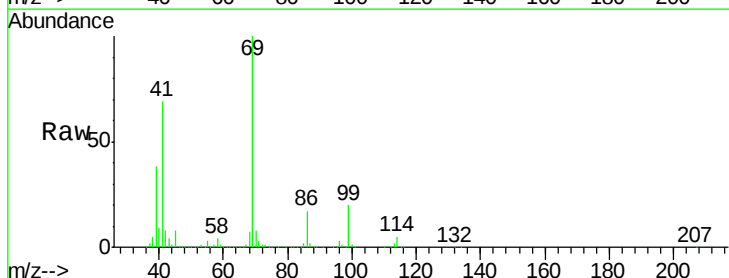
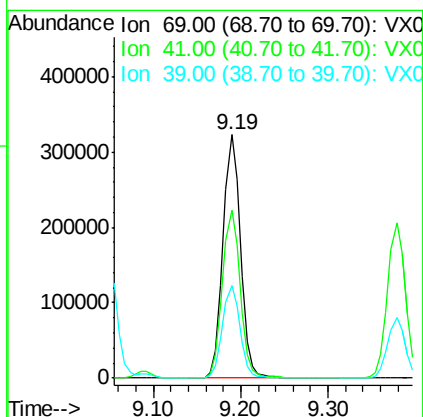
Manual Integrations
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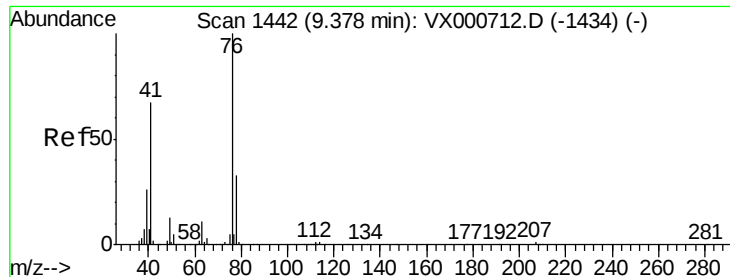
sam
 4/9/2018 2:02:20 PM



#56
 Ethyl methacrylate
 Concen: 98.027 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. 0.00 min
 Lab File: VX000717.D
 Acq: 07 Apr 2018 15:49

Tgt Ion	Ratio	Resp	Lower	Upper
69	100	446032		
41	69.7	56.4	84.6	
39	38.0	31.4	47.2	





#57

1,3-Dichloropropane

Concen: 99.529 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VX000717.D

Acq: 07 Apr 2018 15:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tgt Ion: 76 Resp: 447781

Ion Ratio Lower Upper

76 100

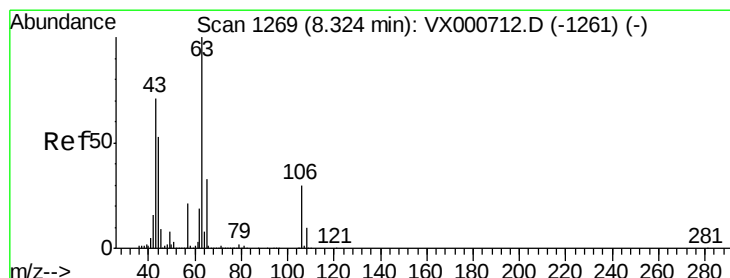
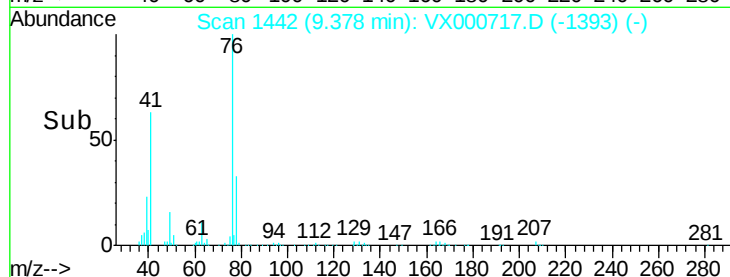
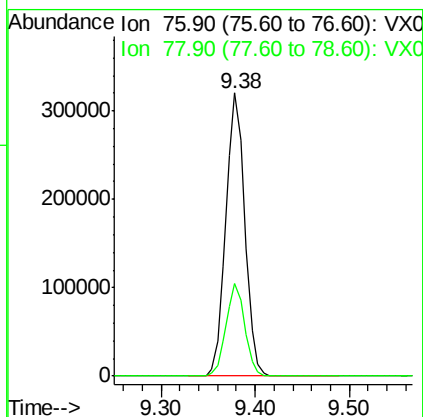
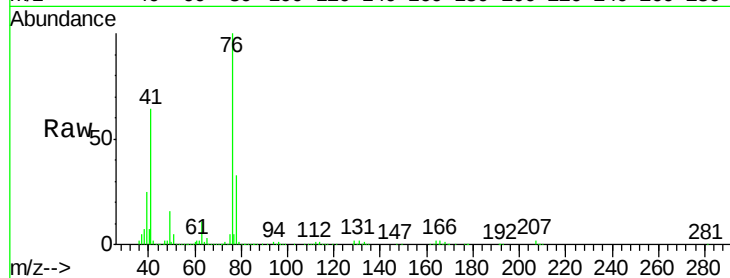
78 32.3 26.2 39.2

Manual Integrations

APPROVED

sam

4/9/2018 2:02:20 PM



#58

2-Chloroethyl Vinyl ether

Concen: 562.088 ug/l

RT: 8.32 min Scan# 1269

Delta R.T. 0.00 min

Lab File: VX000717.D

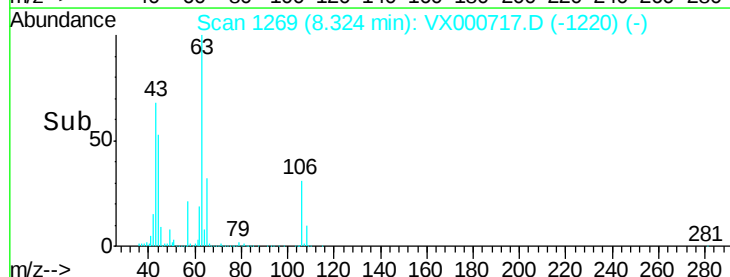
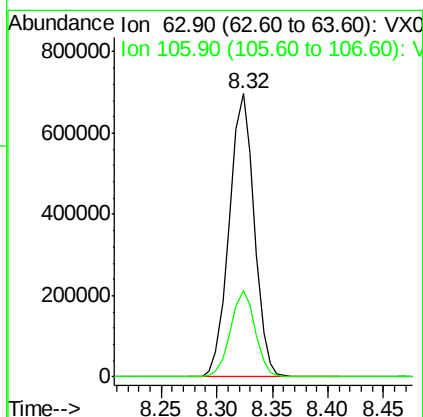
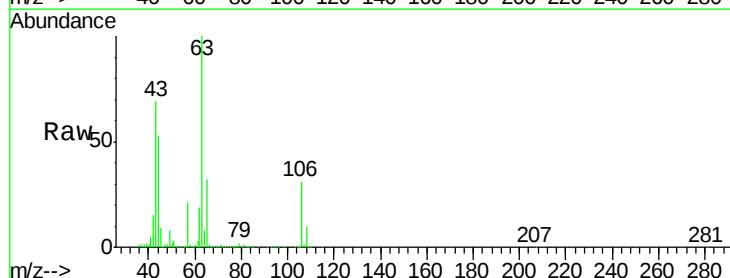
Acq: 07 Apr 2018 15:49

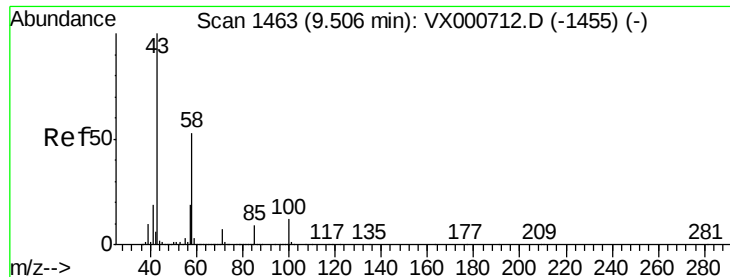
Tgt Ion: 63 Resp: 1083046

Ion Ratio Lower Upper

63 100

106 30.2 24.0 36.0





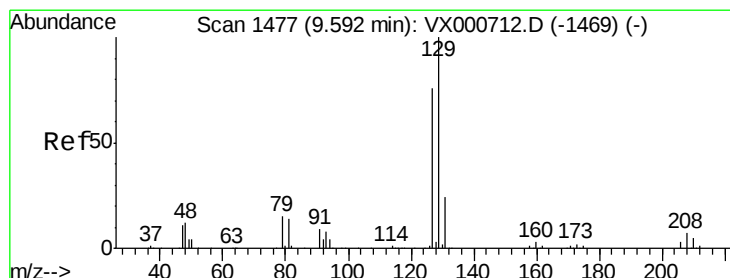
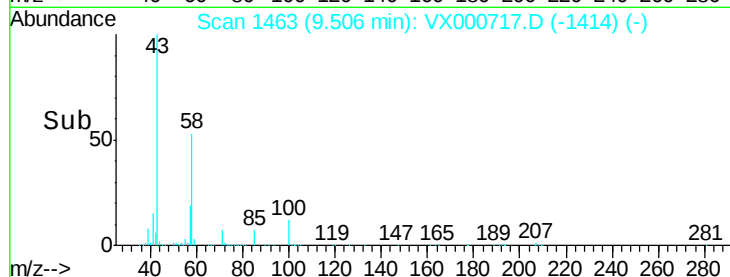
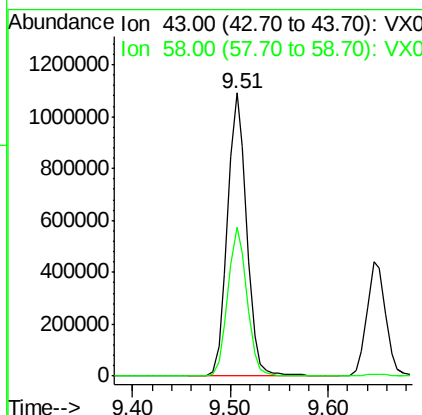
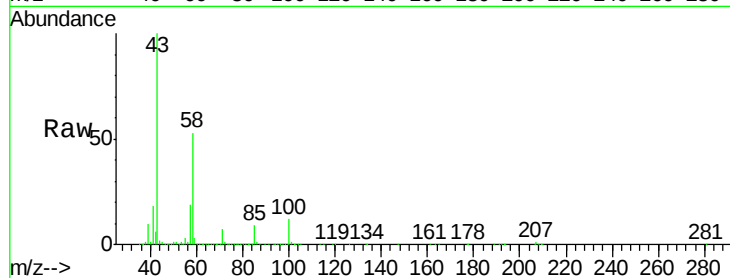
#59
2-Hexanone
Concen: 468.071 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. 0.00 min
Lab File: VX000717.D
Acq: 07 Apr 2018 15:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion: 43 Resp: 1483848
Ion Ratio Lower Upper
43 100
58 52.6 25.9 77.8

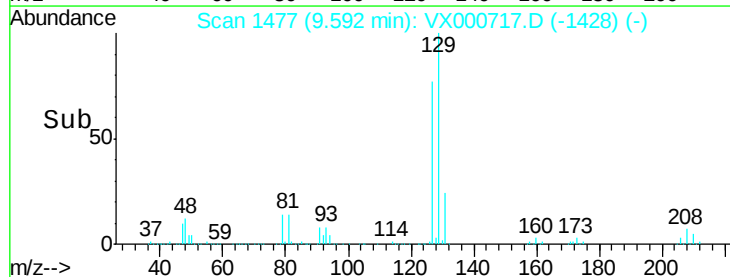
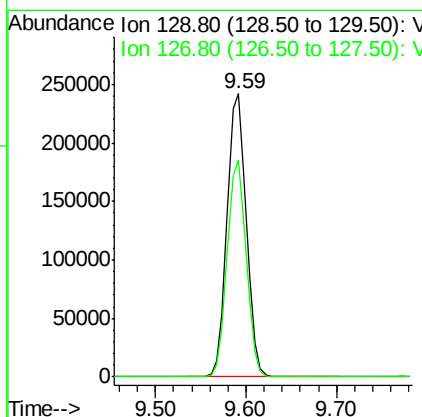
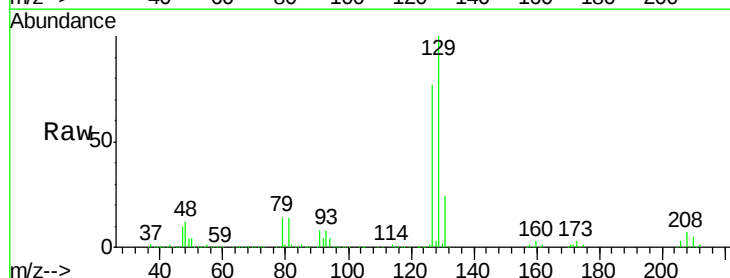
Manual Integrations
APPROVED

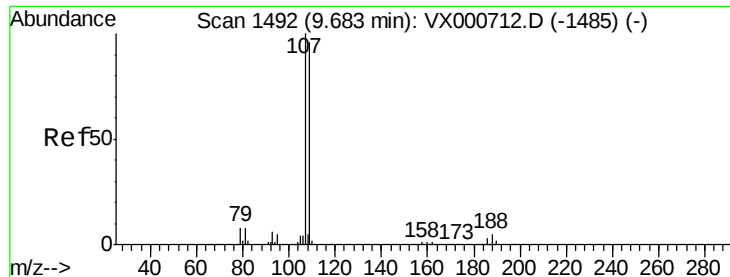
sam
4/9/2018 2:02:20 PM



#60
Dibromochloromethane
Concen: 101.259 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX000717.D
Acq: 07 Apr 2018 15:49

Tgt Ion: 129 Resp: 356111
Ion Ratio Lower Upper
129 100
127 76.2 38.2 114.6





#61

1,2-Dibromoethane

Concen: 98.458 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.01 min

Lab File: VX000717.D

Acq: 07 Apr 2018 15:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tgt Ion: 107 Resp: 293177

Ion Ratio Lower Upper

107 100

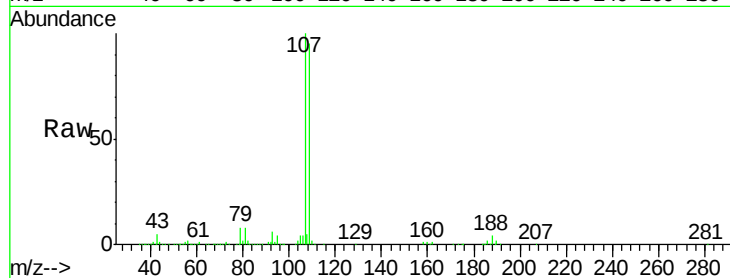
109 95.1 76.6 115.0

Manual Integrations

APPROVED

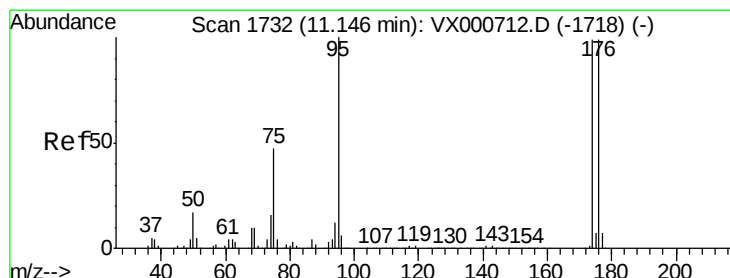
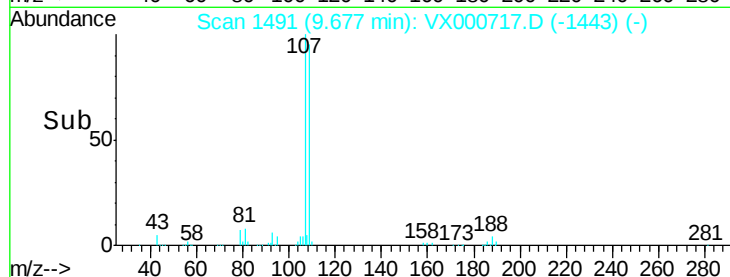
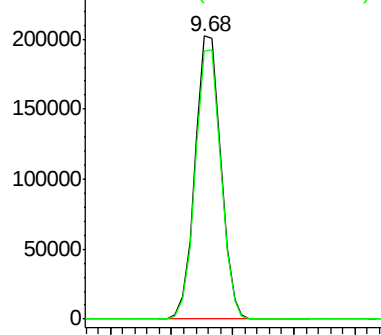
sam

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 100.790 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VX000717.D

Acq: 07 Apr 2018 15:49

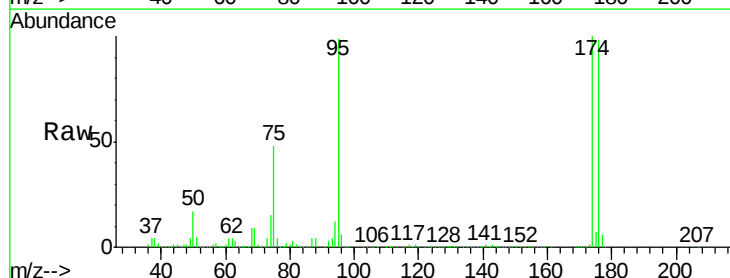
Tgt Ion: 95 Resp: 430107

Ion Ratio Lower Upper

95 100

174 97.0 0.0 191.6

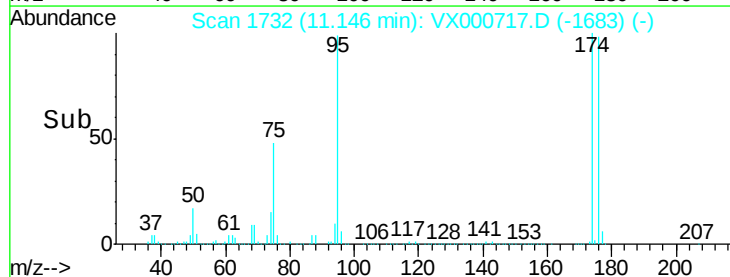
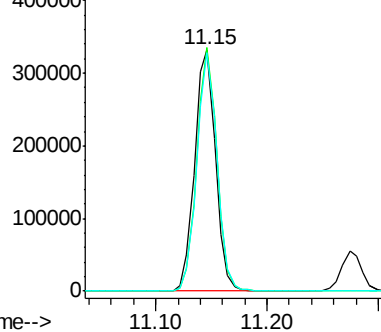
176 95.5 0.0 187.0

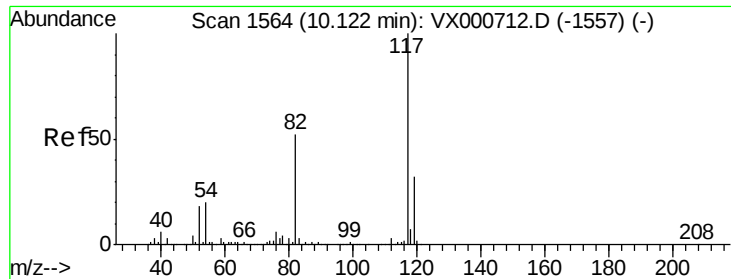


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





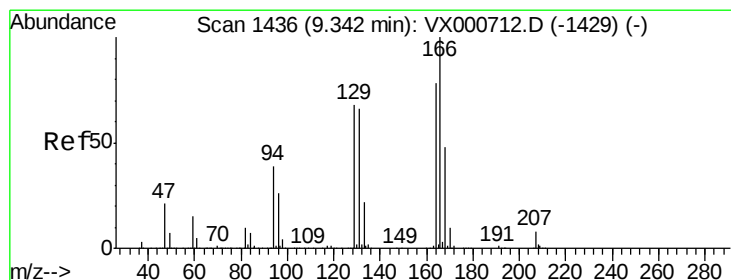
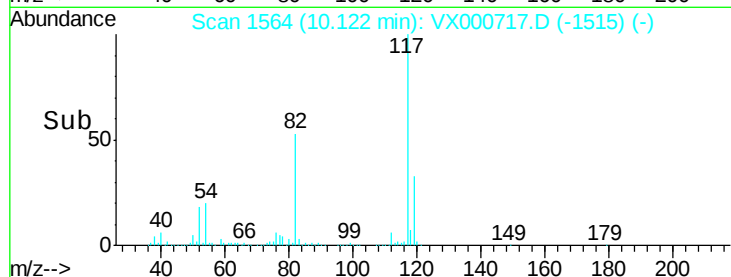
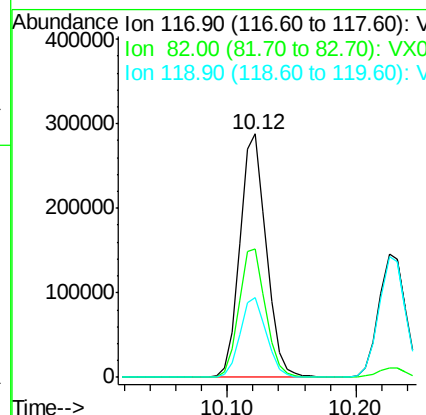
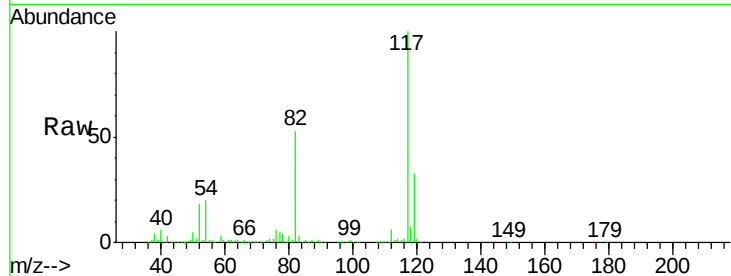
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000717.D
Acq: 07 Apr 2018 15:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	409235		
82	52.8	41.9	62.9	
119	32.9	25.8	38.8	

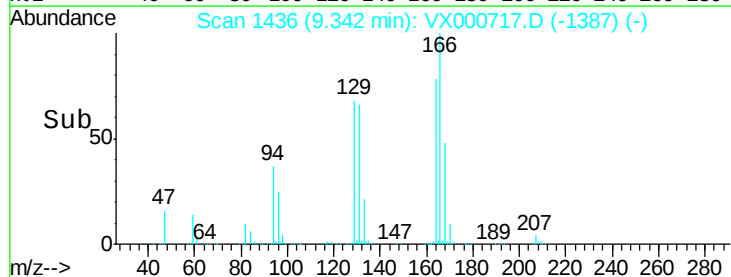
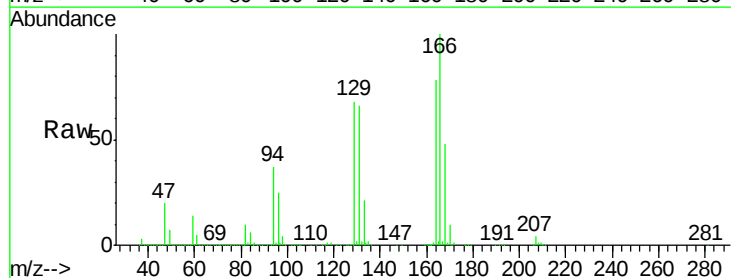
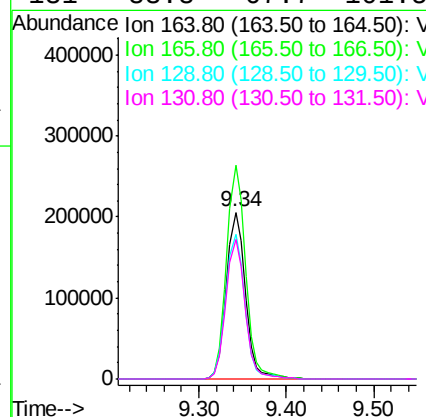
Manual Integrations
APPROVED

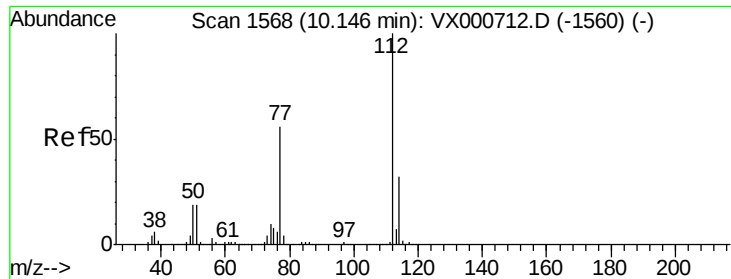
sam
4/9/2018 2:02:20 PM



#64
Tetrachloroethene
Concen: 101.465 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX000717.D
Acq: 07 Apr 2018 15:49

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	311351		
166	127.9	102.4	153.6	
129	86.6	69.3	103.9	
131	83.8	67.7	101.5	





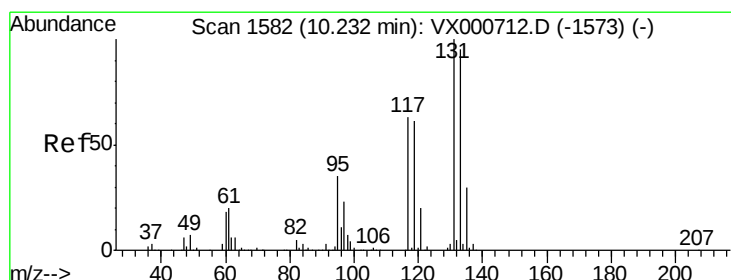
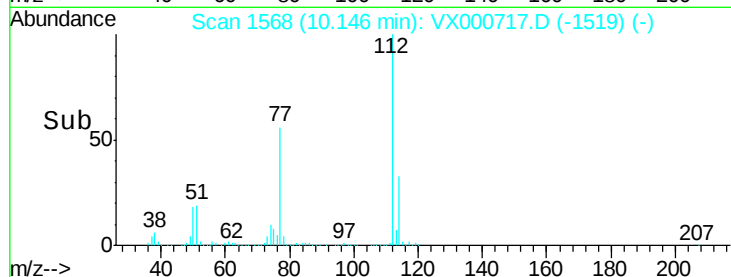
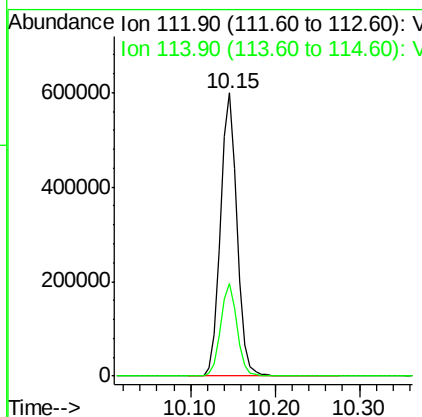
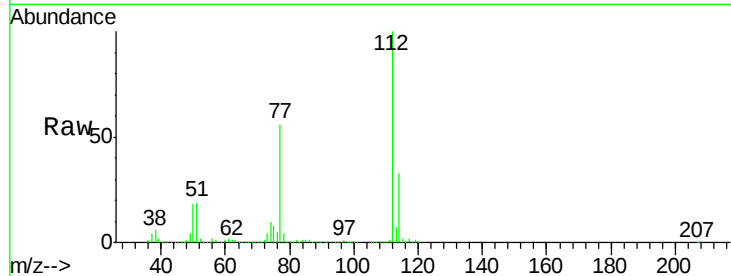
#65
Chlorobenzene
Concen: 100.729 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX000717.D
Acq: 07 Apr 2018 15:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion:112 Resp: 815299
Ion Ratio Lower Upper
112 100
114 32.8 25.8 38.6

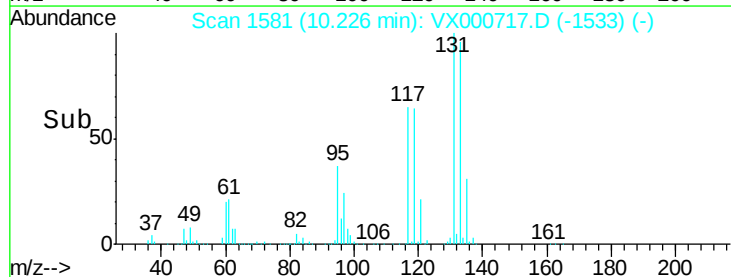
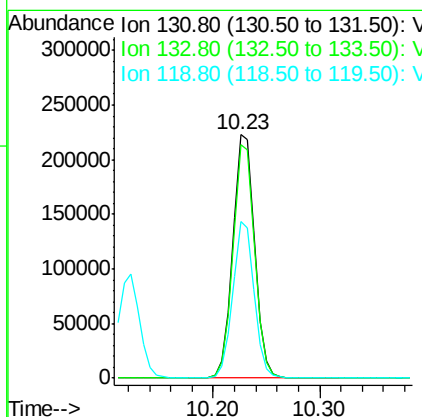
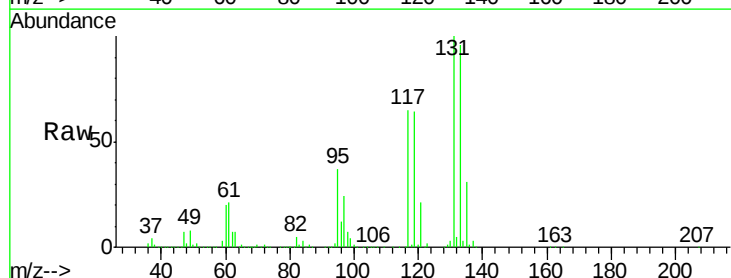
Manual Integrations
APPROVED

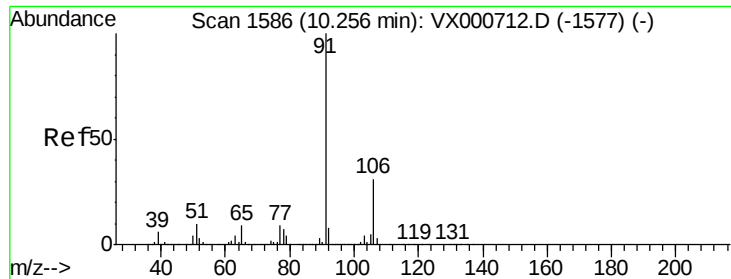
sam
4/9/2018 2:02:20 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 100.671 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. -0.01 min
Lab File: VX000717.D
Acq: 07 Apr 2018 15:49

Tgt Ion:131 Resp: 320587
Ion Ratio Lower Upper
131 100
133 95.7 48.0 144.2
119 62.9 31.5 94.5





#67

Ethyl Benzene

Concen: 100.385 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. 0.00 min

Lab File: VX000717.D

Acq: 07 Apr 2018 15:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tgt Ion: 91 Resp: 1364157

Ion Ratio Lower Upper

91 100

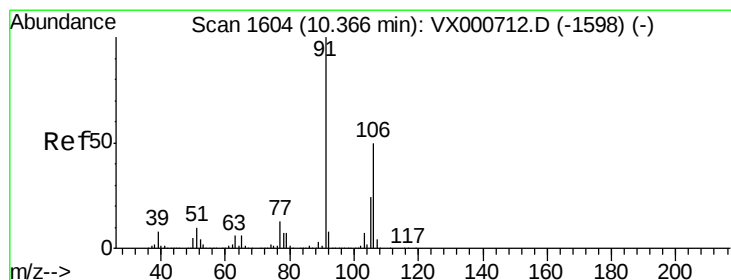
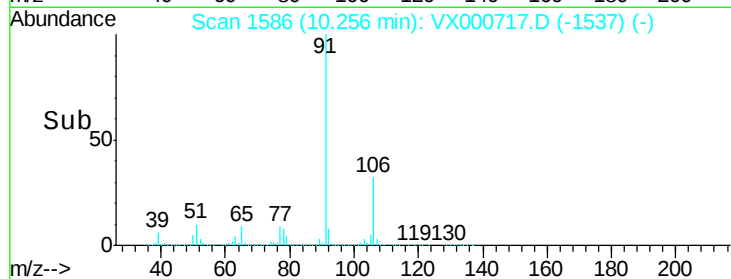
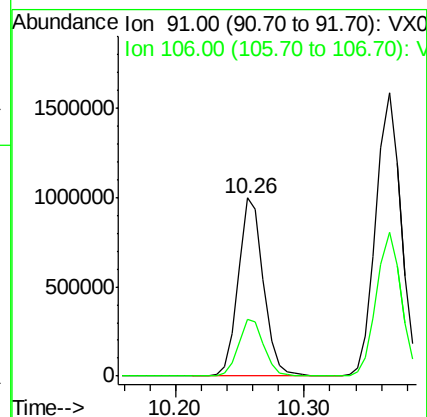
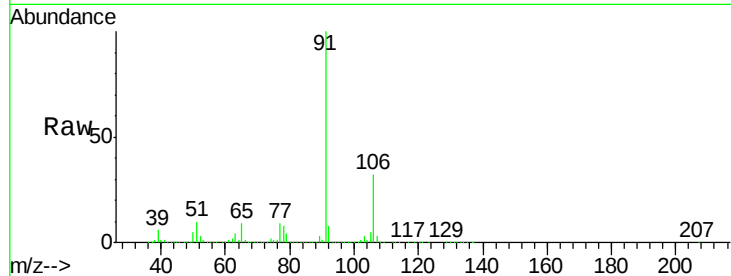
106 31.7 25.1 37.7

Manual Integrations

APPROVED

sam

4/9/2018 2:02:20 PM



#68

m/p-Xylenes

Concen: 203.049 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. 0.00 min

Lab File: VX000717.D

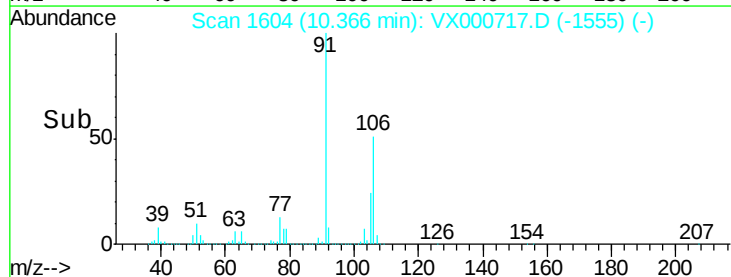
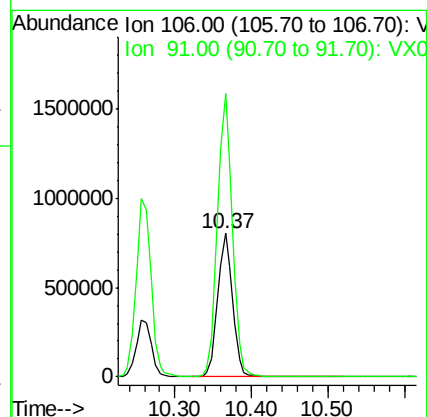
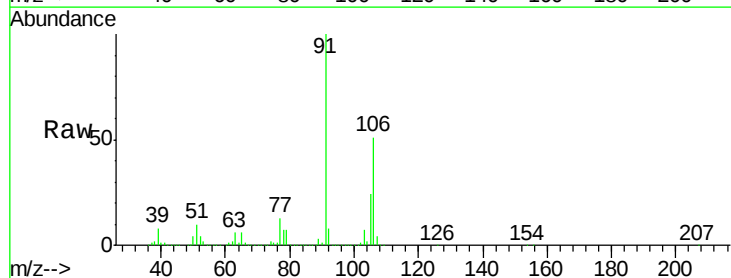
Acq: 07 Apr 2018 15:49

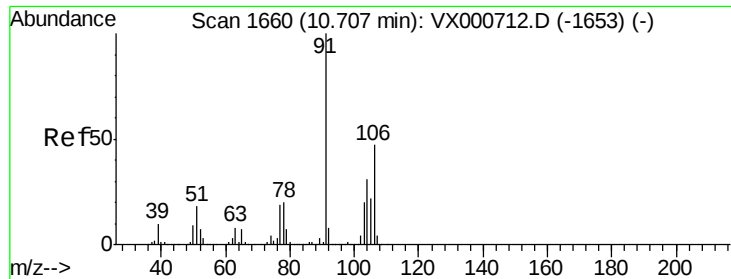
Tgt Ion: 106 Resp: 1078567

Ion Ratio Lower Upper

106 100

91 198.6 159.7 239.5





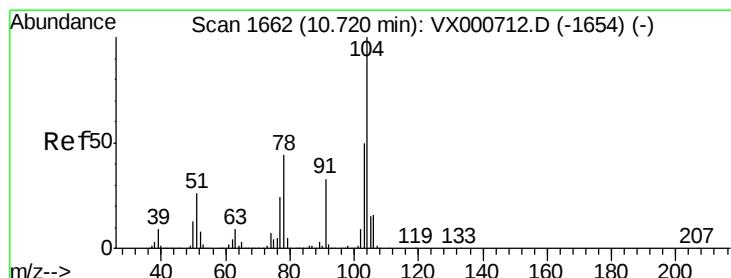
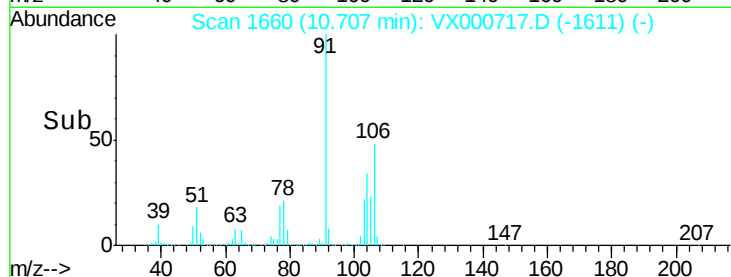
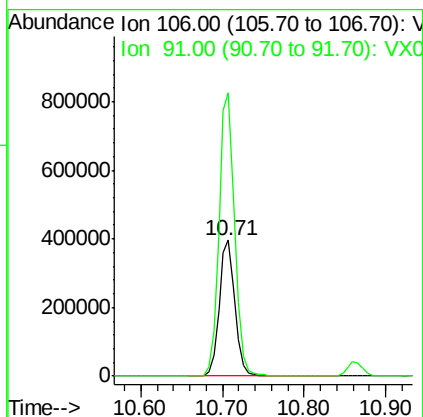
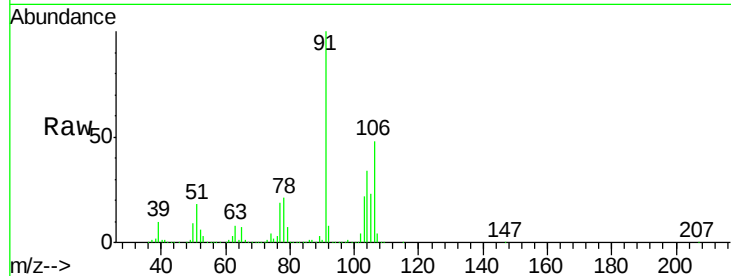
#69
o-Xylene
Concen: 101.482 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. 0.00 min
Lab File: VX000717.D
Acq: 07 Apr 2018 15:49

Instrument :
MSVOA_X
ClientSampled :
VSTDIC100

Tgt Ion	Ratio	Resp	Lower	Upper
106	100	529235		
91	209.9	106.1	318.3	

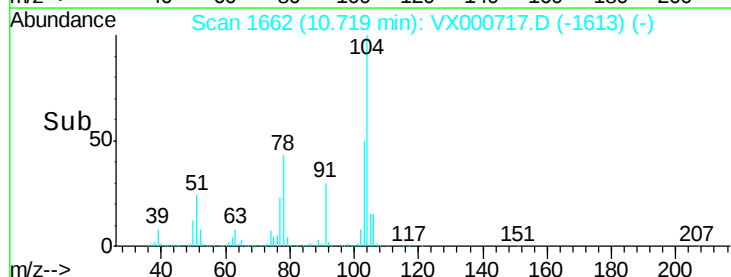
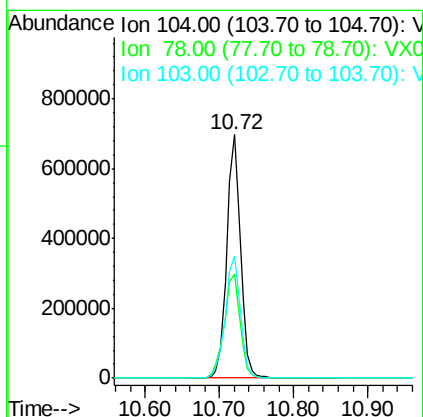
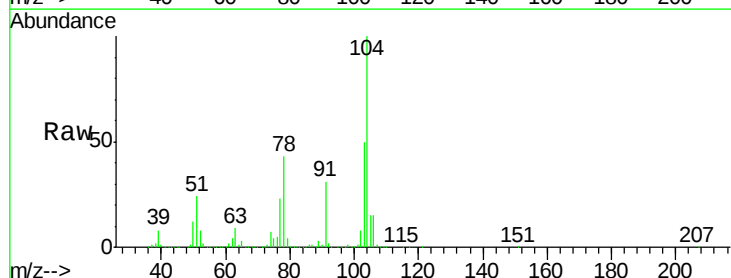
Manual Integrations
APPROVED

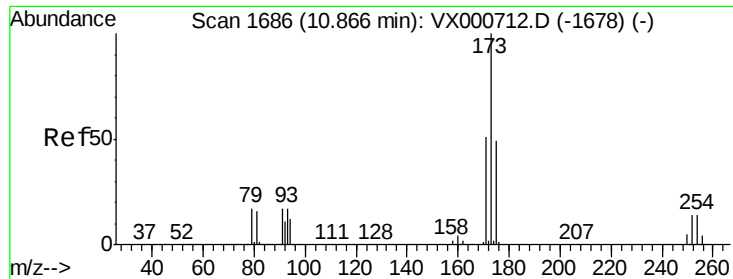
sam
4/9/2018 2:02:20 PM



#70
Styrene
Concen: 101.538 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX000717.D
Acq: 07 Apr 2018 15:49

Tgt Ion	Ratio	Resp	Lower	Upper
104	100	905235		
78	49.2	39.8	59.6	
103	55.2	44.1	66.1	





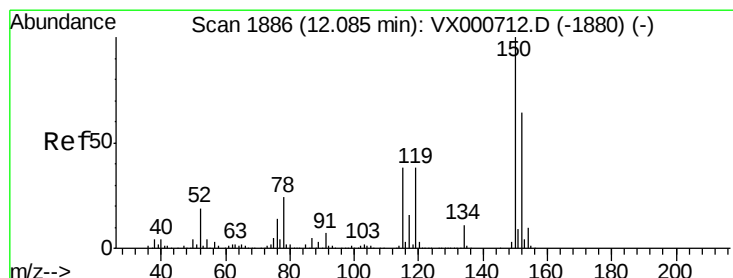
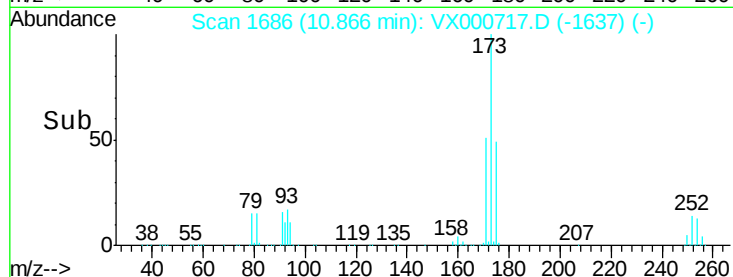
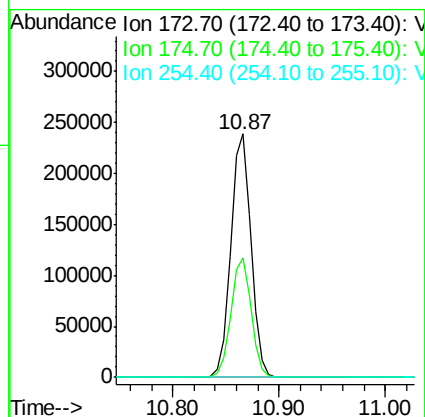
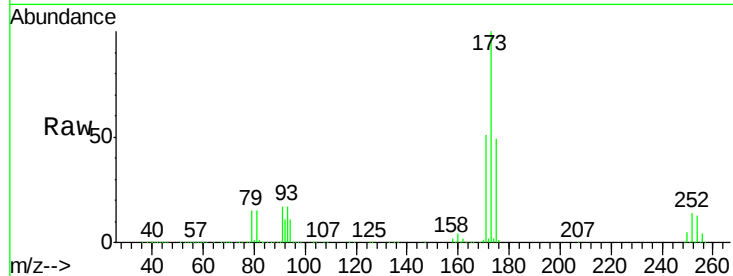
#71
Bromoform
Concen: 101.504 ug/l
RT: 10.87 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VX000717.D
Acq: 07 Apr 2018 15:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.9	24.2	72.6
254	0.2	0.1	0.1#

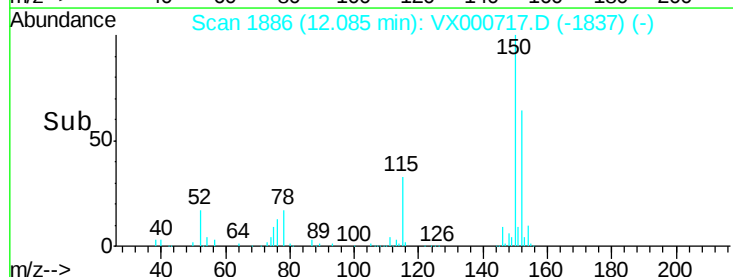
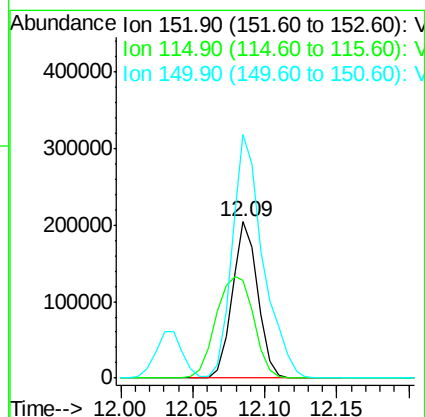
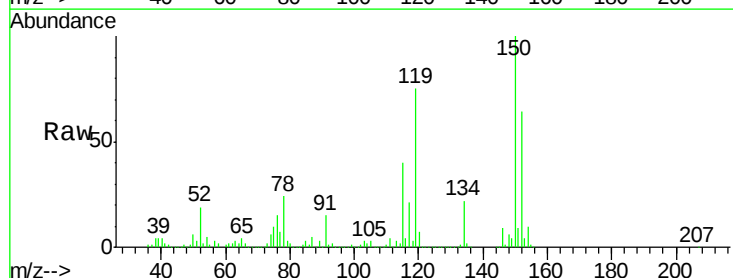
Manual Integrations
APPROVED

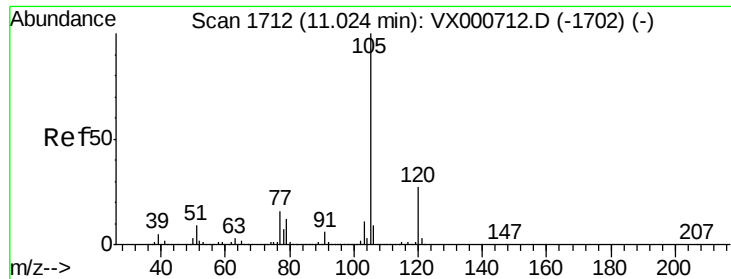
sam
4/9/2018 2:02:20 PM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX000717.D
Acq: 07 Apr 2018 15:49

Tgt Ion	Ratio	Lower	Upper
152	100		
115	95.5	37.7	113.1
150	187.6	0.0	345.0





#73

Isopropylbenzene

Concen: 97.790 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX000717.D

Acq: 07 Apr 2018 15:49

Instrument :

MSVOA_X

ClientSampled :

VSTDIC100

Tgt Ion: 105 Resp: 1444274

Ion Ratio Lower Upper

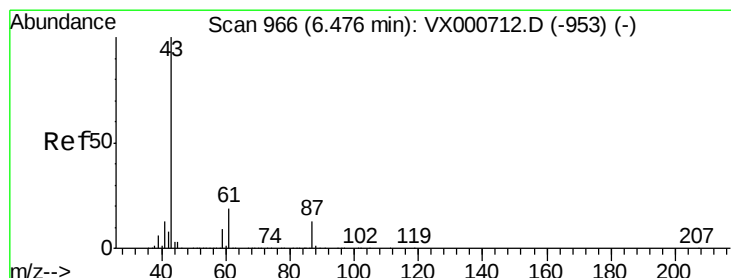
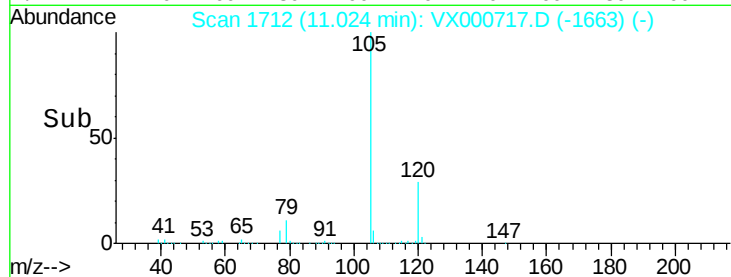
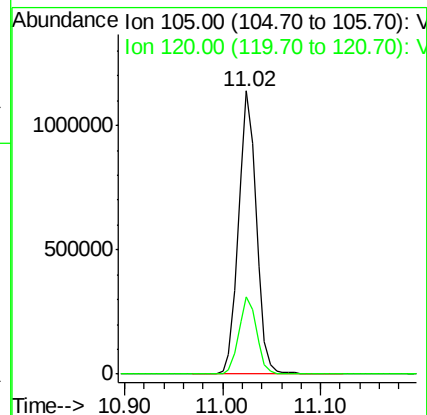
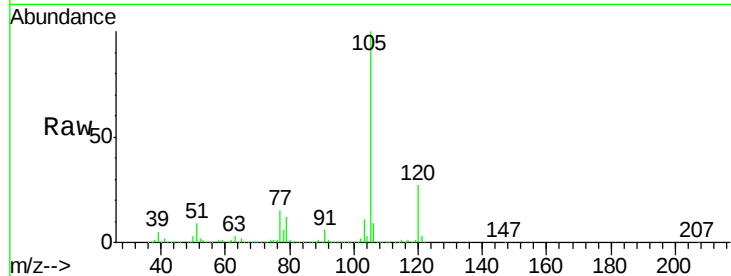
105 100

120 27.3 13.7 41.0

Manual Integrations
APPROVED

sam

4/9/2018 2:02:20 PM



#74

N-ethyl acetate

Concen: 90.642 ug/l

RT: 6.48 min Scan# 966

Delta R.T. -0.00 min

Lab File: VX000717.D

Acq: 07 Apr 2018 15:49

Tgt Ion: 43 Resp: 658333

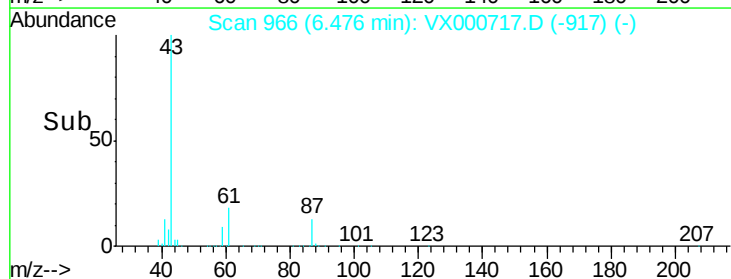
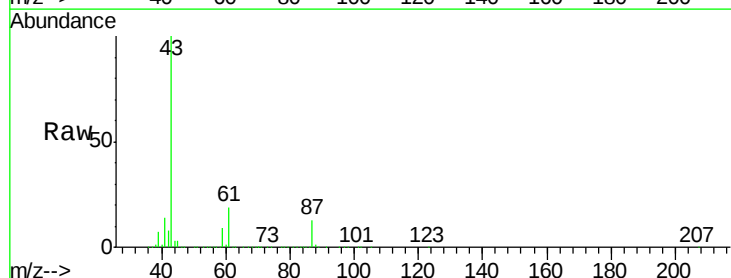
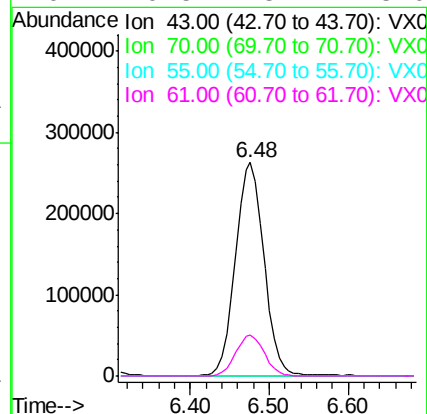
Ion Ratio Lower Upper

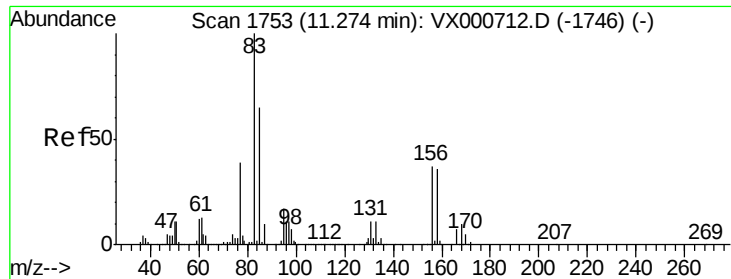
43 100

70 0.0 0.0 0.0#

55 0.0 0.0 0.0#

61 19.5 15.4 23.0





#75

1,1,2,2-Tetrachloroethane

Concen: 96.156 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX000717.D

Acq: 07 Apr 2018 15:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tgt Ion: 83 Resp: 424850
Ion Ratio Lower Upper

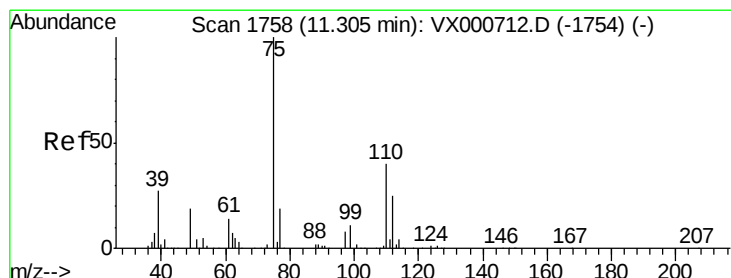
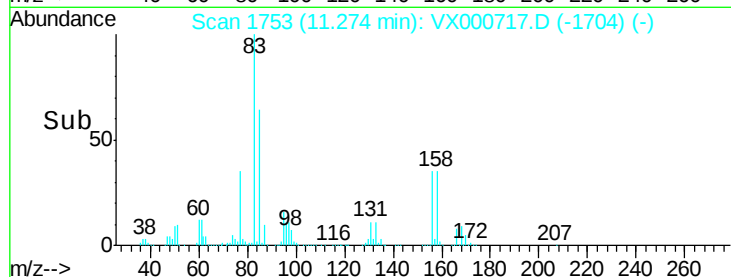
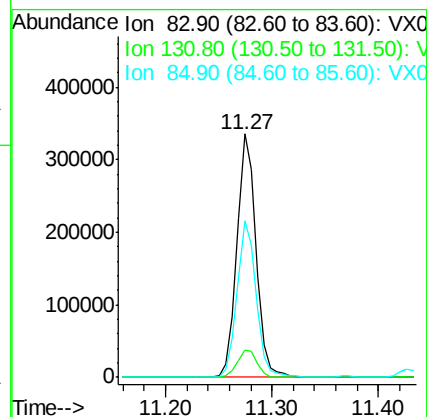
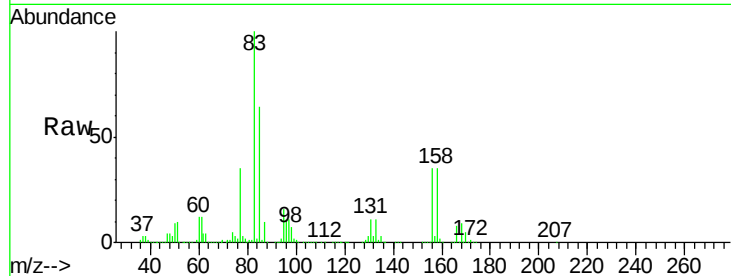
83 100

131 11.8 5.9 17.7

85 64.3 32.6 98.0

Manual Integrations
APPROVED

sam
4/9/2018 2:02:20 PM



#76

1,2,3-Trichloropropane

Concen: 93.913 ug/l m

RT: 11.30 min Scan# 1758

Delta R.T. -0.00 min

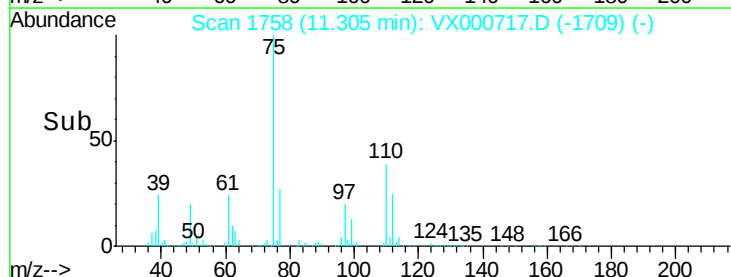
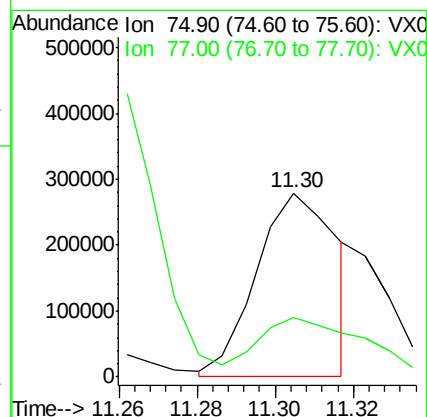
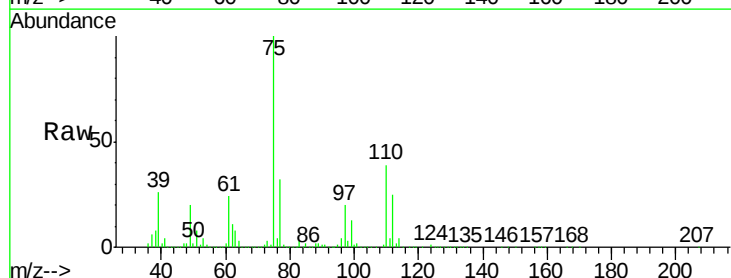
Lab File: VX000717.D

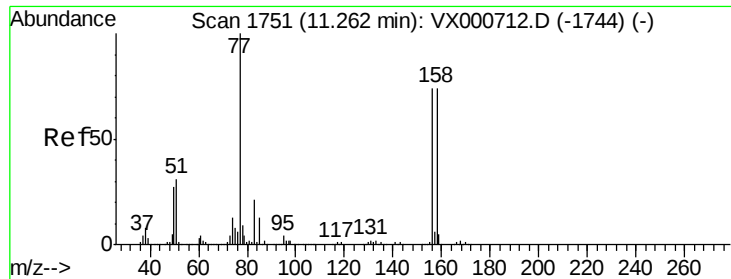
Acq: 07 Apr 2018 15:49

Tgt Ion: 75 Resp: 401506
Ion Ratio Lower Upper

75 100

77 42.6 21.3 63.7





#77

Bromobenzene

Concen: 97.892 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.00 min

Lab File: VX000717.D

Acq: 07 Apr 2018 15:49

Instrument :

MSVOA_X

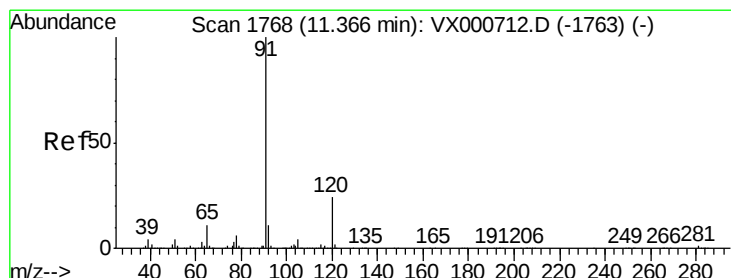
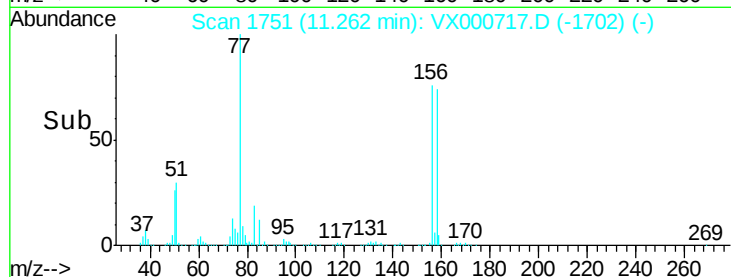
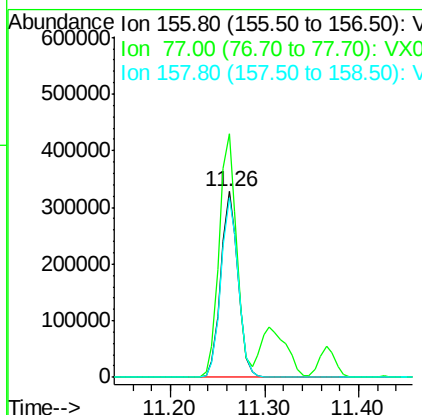
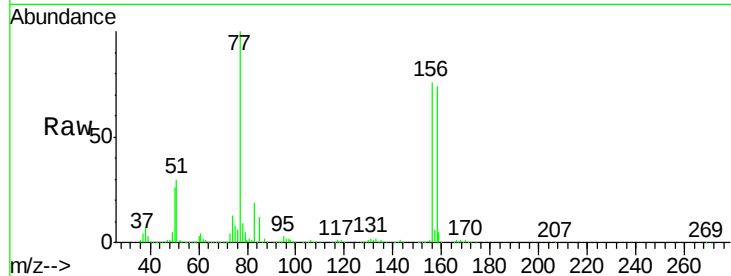
ClientSampleId :

VSTDIC100

Tgt Ion	Ratio	Resp	Lower	Upper
156	100	413948		
77	134.1	68.3	205.1	
158	97.6	49.1	147.3	

Manual Integrations
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#78

n-propylbenzene

Concen: 98.344 ug/l

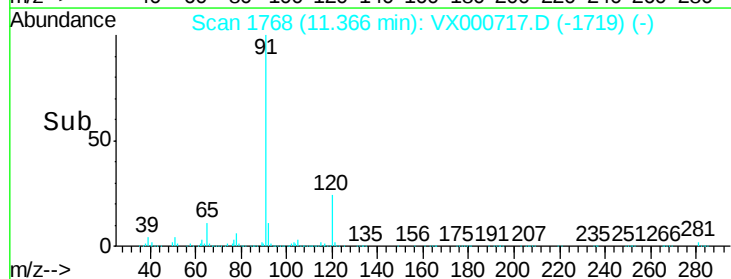
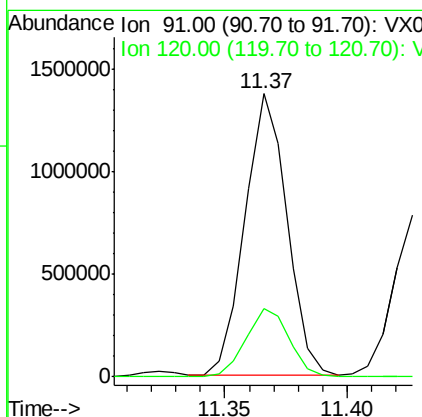
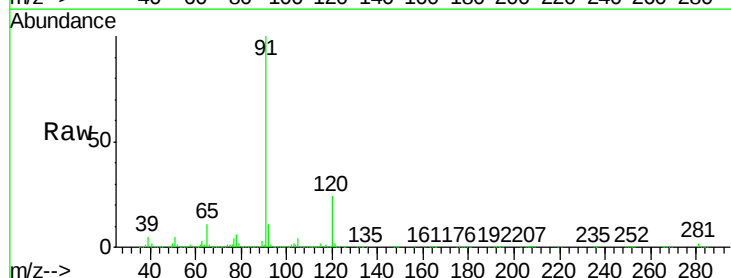
RT: 11.37 min Scan# 1768

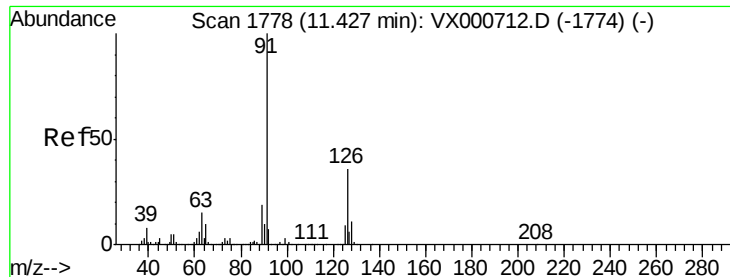
Delta R.T. 0.00 min

Lab File: VX000717.D

Acq: 07 Apr 2018 15:49

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	1650593		
120	25.1	12.5	37.5	





#79

2-Chlorotoluene

Concen: 97.593 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX000717.D

Acq: 07 Apr 2018 15:49

Instrument :

MSVOA_X

ClientSampled :

VSTDIC100

Tgt Ion: 91 Resp: 972299

Ion Ratio Lower Upper

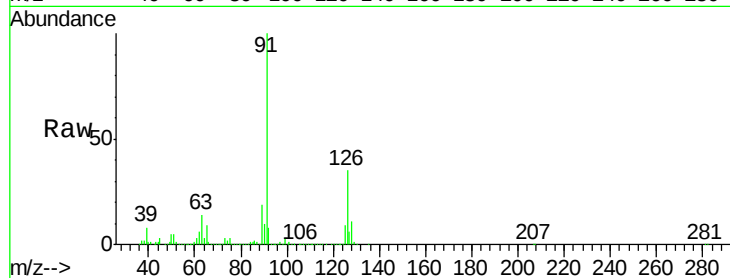
91 100

126 36.5 18.3 54.9

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Abundance Ion 91.00 (90.70 to 91.70): VX000717.D (-1774) (-)

Ion 125.90 (125.60 to 126.60): VX000717.D (-1774) (-)

1500000

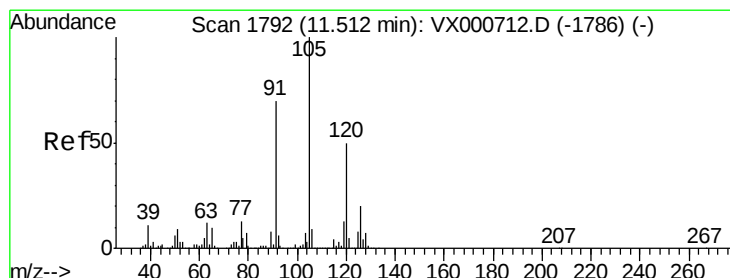
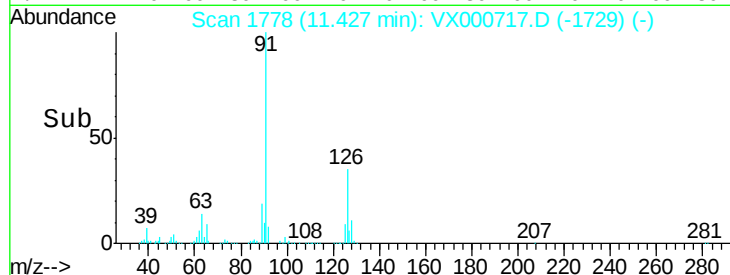
1000000

500000

0

11.40 11.43 11.50

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 98.476 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX000717.D

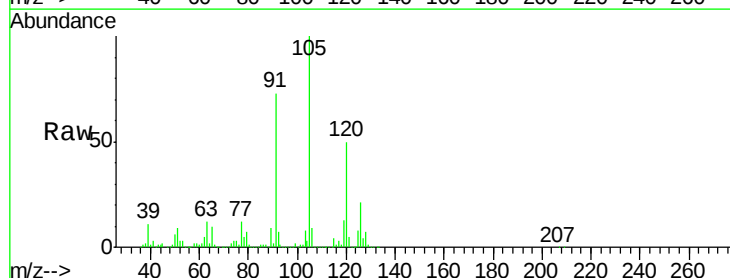
Acq: 07 Apr 2018 15:49

Tgt Ion: 105 Resp: 1251395

Ion Ratio Lower Upper

105 100

120 50.4 25.1 75.3



Abundance Ion 105.00 (104.70 to 105.70): VX000717.D (-1786) (-)

Ion 120.00 (119.70 to 120.70): VX000717.D (-1786) (-)

1200000

1000000

800000

600000

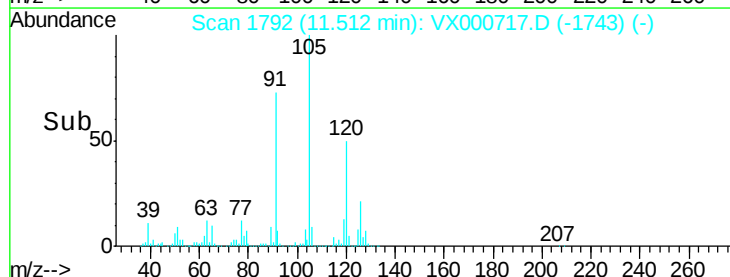
400000

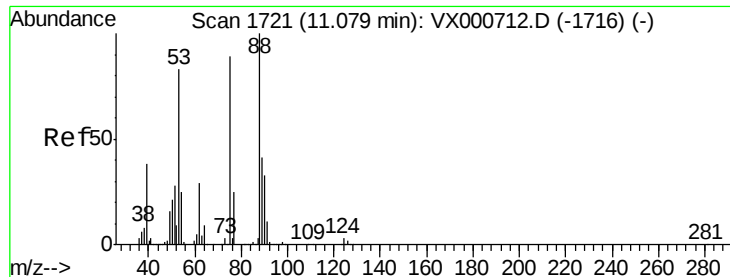
200000

0

11.50 11.51 11.60

Time-->





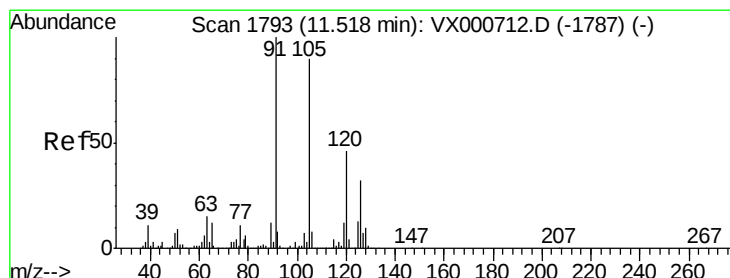
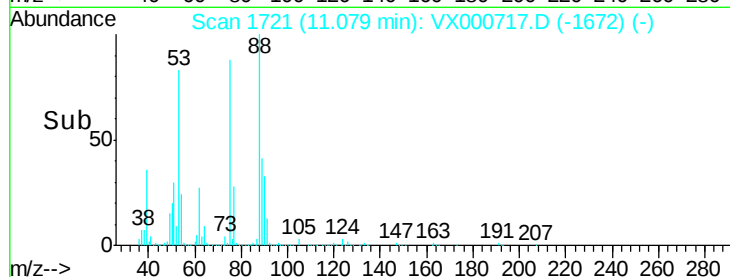
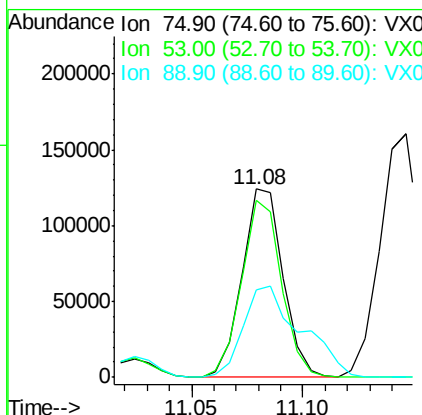
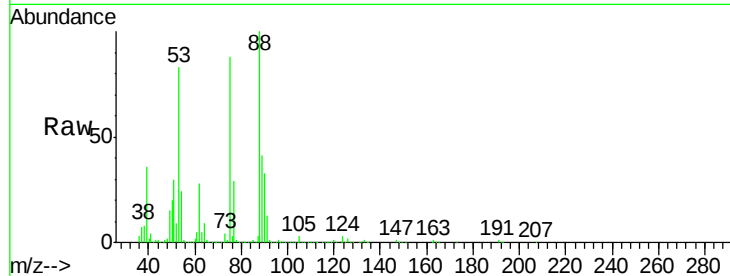
#81
trans-1,4-Dichloro-2-butene
Concen: 96.502 ug/l
RT: 11.08 min Scan# 1721
Delta R.T. 0.00 min
Lab File: VX000717.D
Acq: 07 Apr 2018 15:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion	Ratio	Lower	Upper
75	100		
53	92.5	74.2	111.2
89	68.8	46.6	69.8

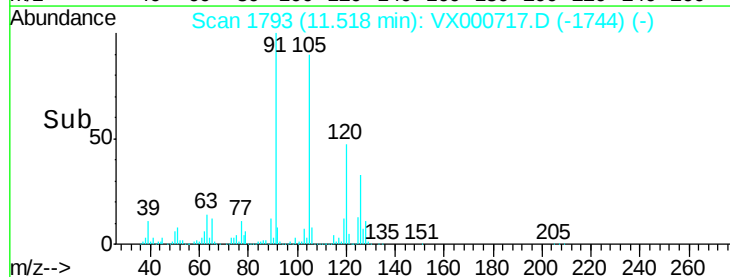
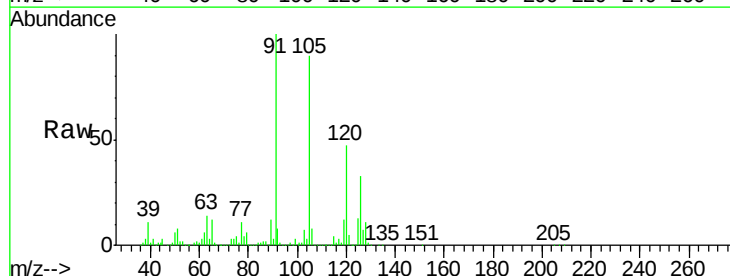
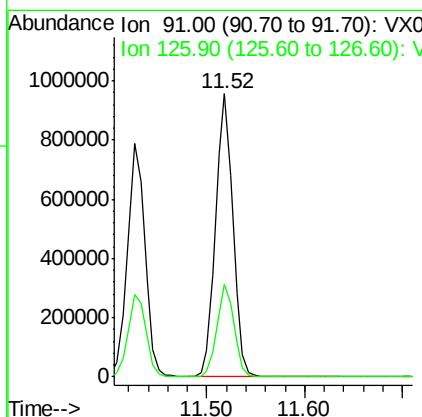
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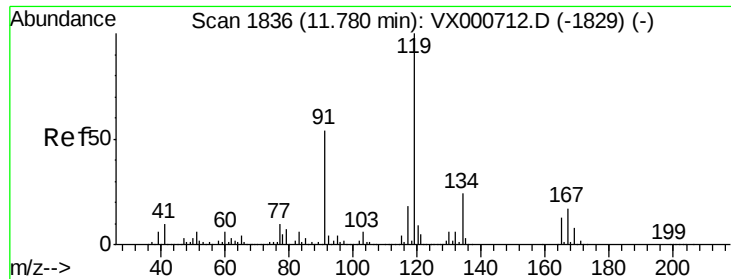
sam
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#82
4-Chlorotoluene
Concen: 97.897 ug/l
RT: 11.52 min Scan# 1793
Delta R.T. 0.00 min
Lab File: VX000717.D
Acq: 07 Apr 2018 15:49

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.0	16.0	48.0





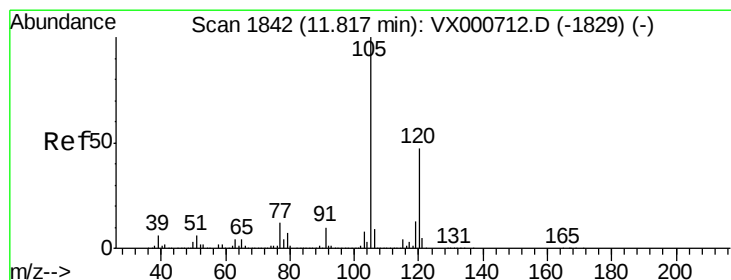
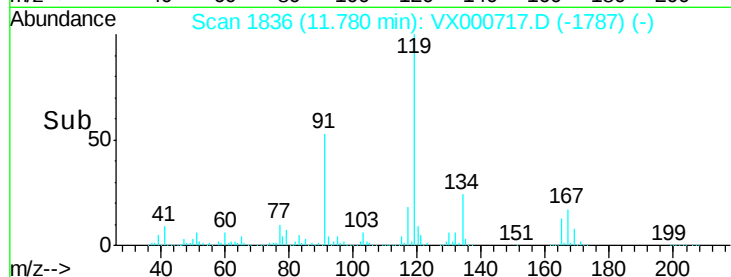
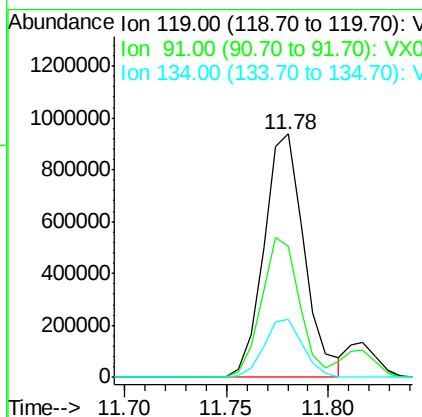
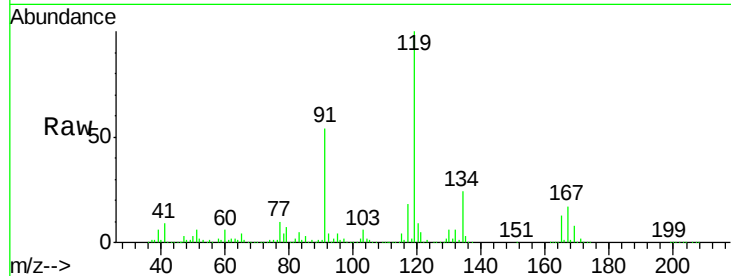
#83
 tert-Butylbenzene
 Concen: 98.592 ug/l
 RT: 11.78 min Scan# 1836
 Delta R.T. 0.00 min
 Lab File: VX000717.D
 Acq: 07 Apr 2018 15:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tgt Ion:119 Resp: 1292621
 Ion Ratio Lower Upper
 119 100
 91 54.0 27.3 81.8
 134 23.1 11.5 34.4

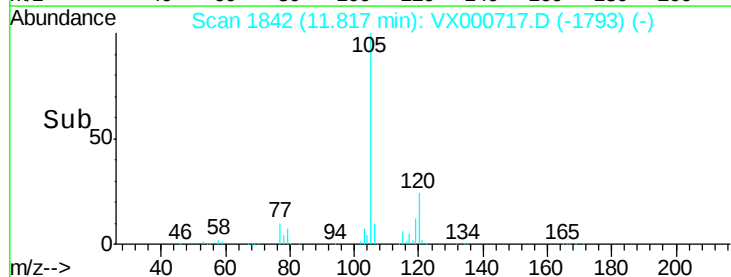
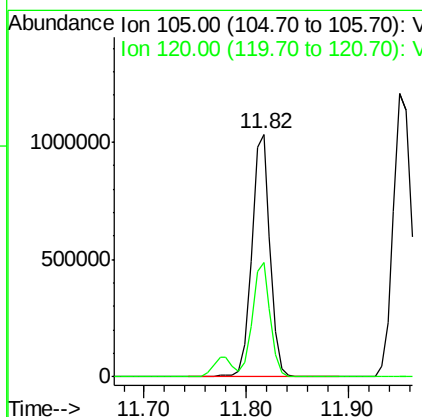
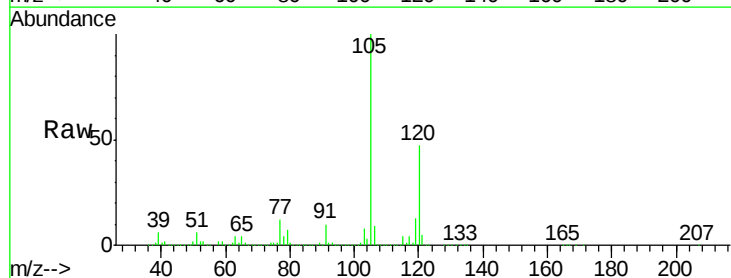
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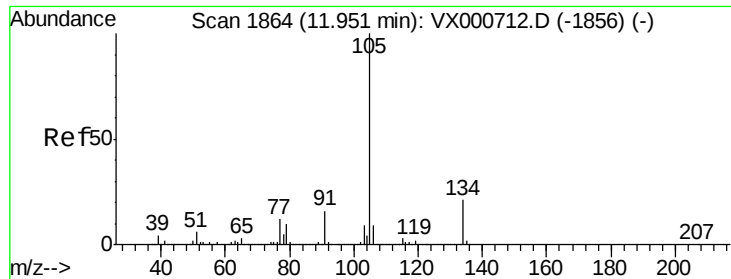
sam
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#84
 1,2,4-Trimethylbenzene
 Concen: 98.211 ug/l
 RT: 11.82 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: VX000717.D
 Acq: 07 Apr 2018 15:49

Tgt Ion:105 Resp: 1292959
 Ion Ratio Lower Upper
 105 100
 120 46.1 22.9 68.5





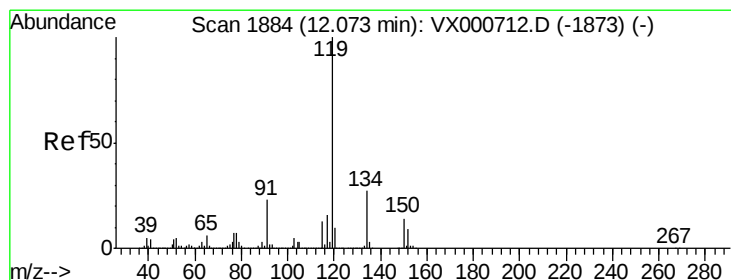
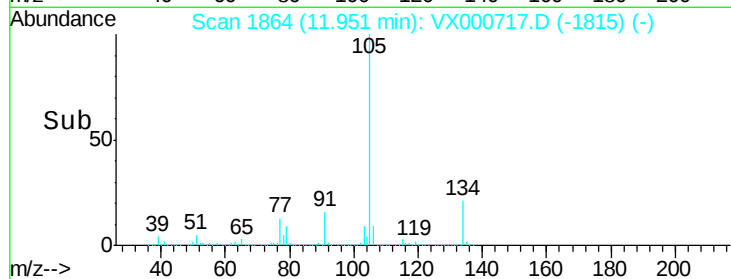
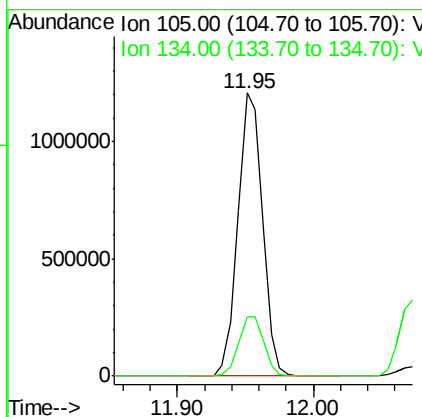
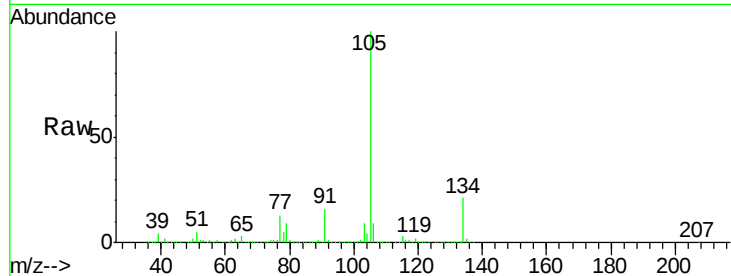
#85
 sec-Butylbenzene
 Concen: 98.976 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. 0.00 min
 Lab File: VX000717.D
 Acq: 07 Apr 2018 15:49

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC100

Tgt Ion:105 Resp: 1520804
 Ion Ratio Lower Upper
 105 100
 134 21.5 10.7 32.1

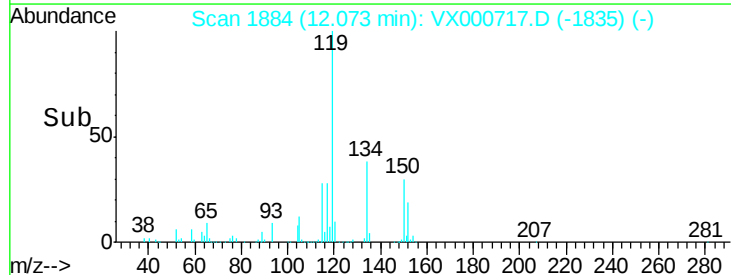
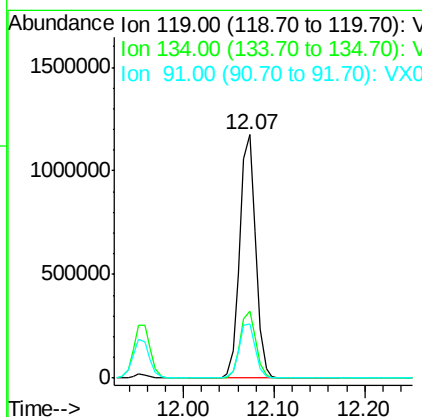
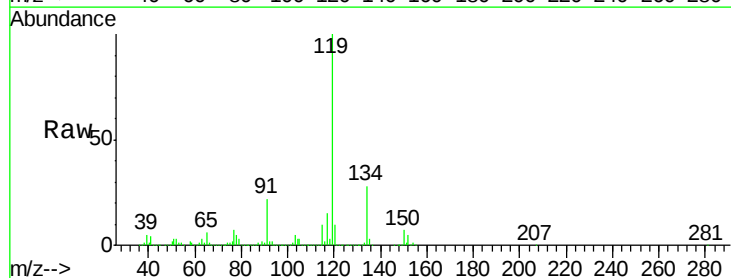
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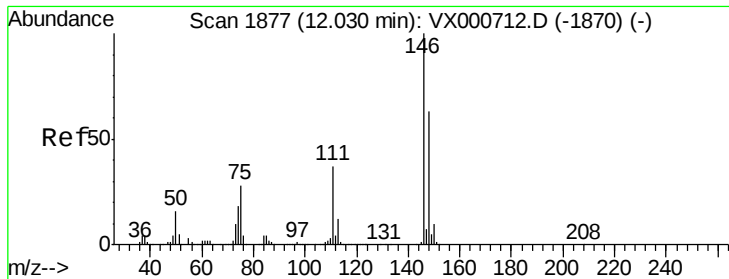
sam
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#86
 p-Isopropyltoluene
 Concen: 99.610 ug/l
 RT: 12.07 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VX000717.D
 Acq: 07 Apr 2018 15:49

Tgt Ion:119 Resp: 1426483
 Ion Ratio Lower Upper
 119 100
 134 27.3 13.4 40.2
 91 22.8 11.5 34.4





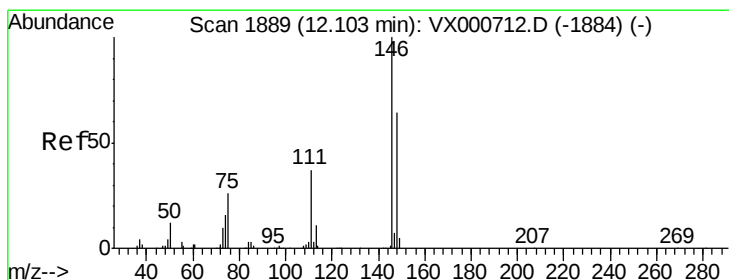
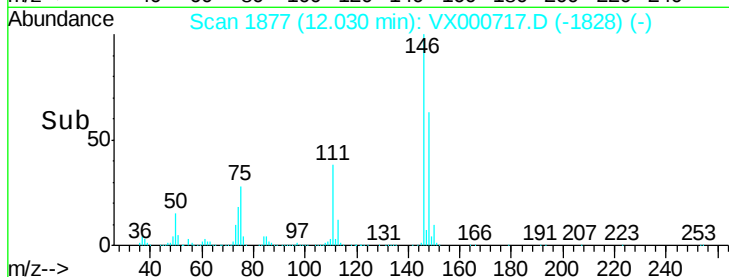
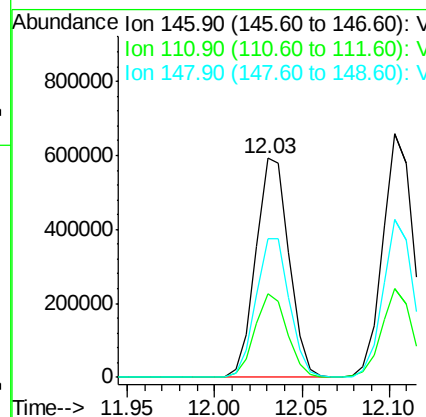
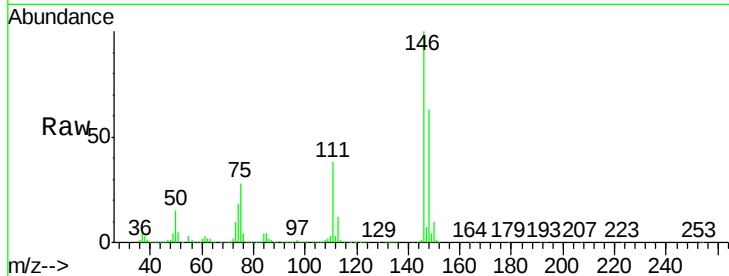
#87
 1,3-Dichlorobenzene
 Concen: 99.749 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VX000717.D
 Acq: 07 Apr 2018 15:49

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC100

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.0	18.6	55.8
148	64.1	32.0	96.2

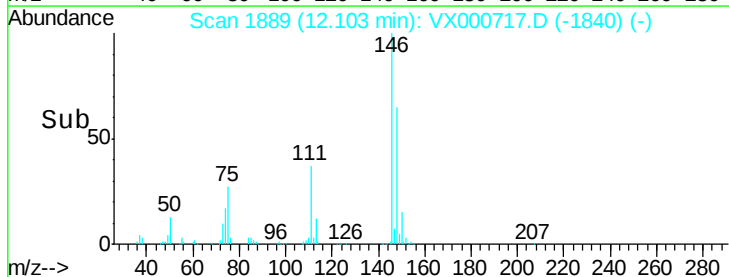
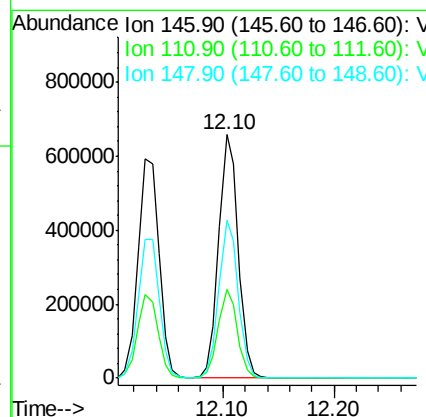
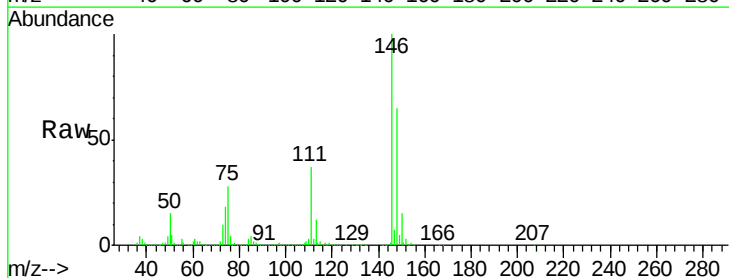
Manual Integrations
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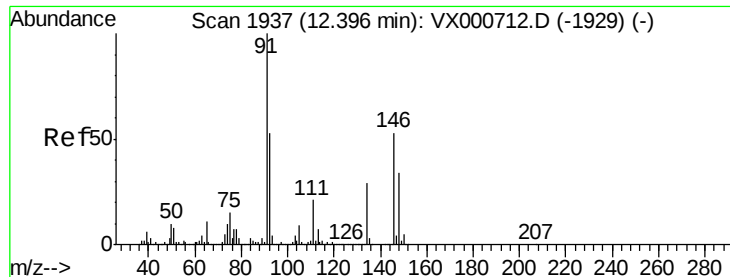
sam
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#88
 1,4-Dichlorobenzene
 Concen: 99.661 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VX000717.D
 Acq: 07 Apr 2018 15:49

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.1	18.2	54.6
148	64.4	32.1	96.5





#89

n-Butylbenzene

Concen: 101.424 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VX000717.D

Acq: 07 Apr 2018 15:49

Instrument :

MSVOA_X

ClientSampled :

VSTDIC100

Tgt Ion: 91 Resp: 1286682

Ion Ratio Lower Upper

91 100

92 53.5 26.7 80.0

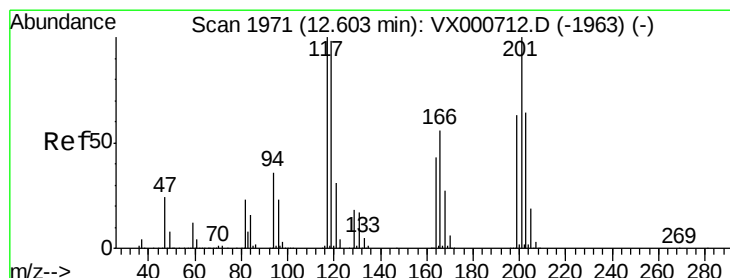
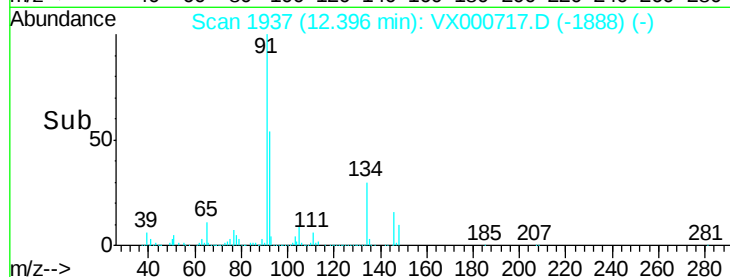
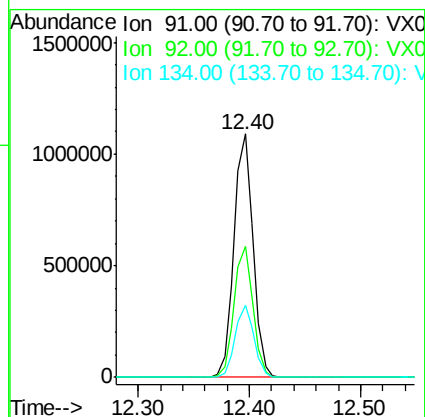
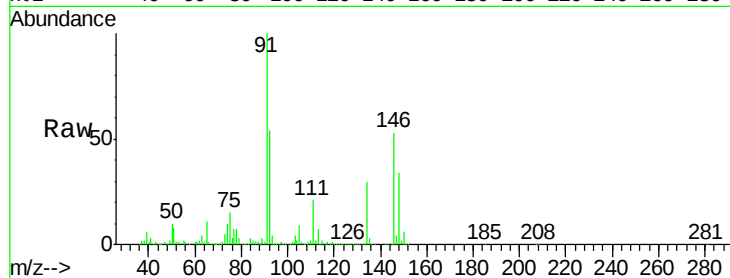
134 29.3 14.4 43.0

Manual Integrations

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#90

Hexachloroethane

Concen: 99.522 ug/l

RT: 12.60 min Scan# 1971

Delta R.T. 0.00 min

Lab File: VX000717.D

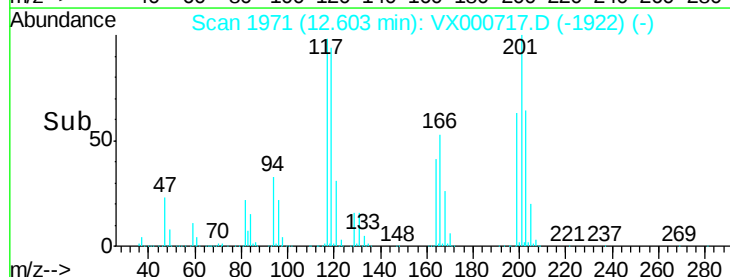
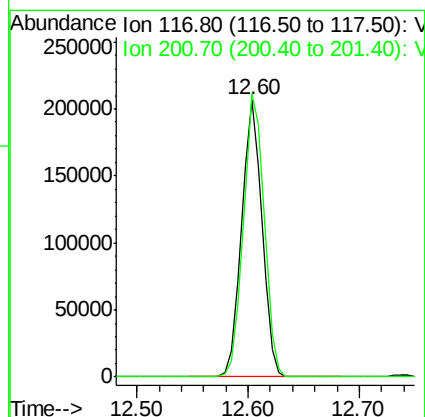
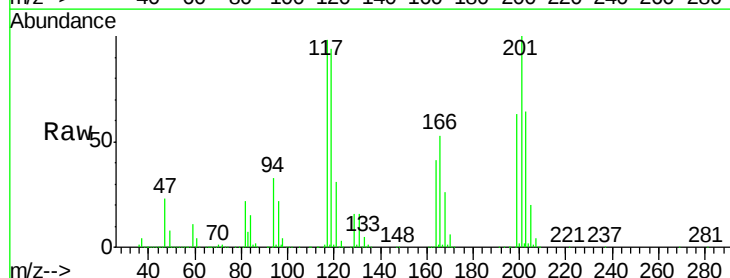
Acq: 07 Apr 2018 15:49

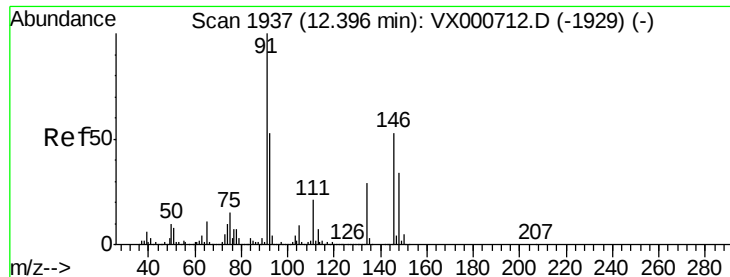
Tgt Ion: 117 Resp: 260726

Ion Ratio Lower Upper

117 100

201 104.5 51.2 153.6





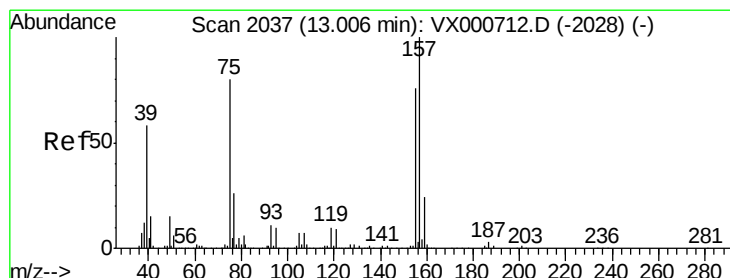
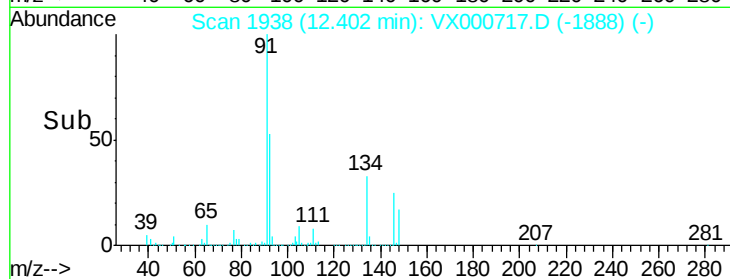
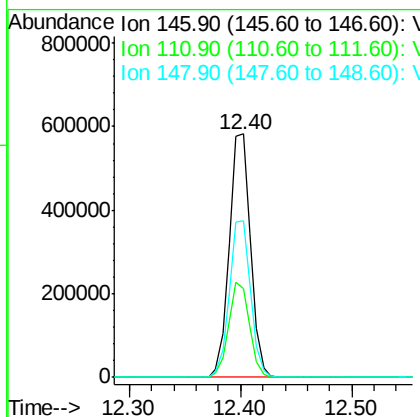
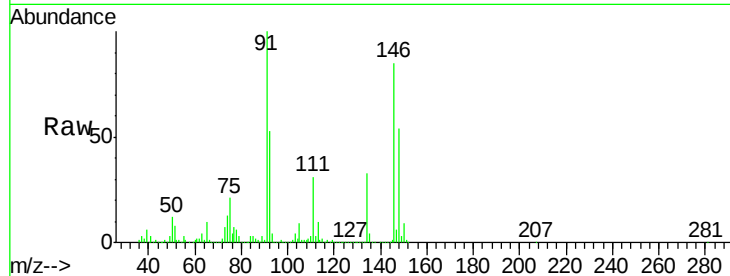
#91
 1,2-Dichlorobenzene
 Concen: 99.069 ug/l
 RT: 12.40 min Scan# 1938
 Delta R.T. 0.01 min
 Lab File: VX000717.D
 Acq: 07 Apr 2018 15:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.3	19.3	57.9
148	64.2	31.9	95.7

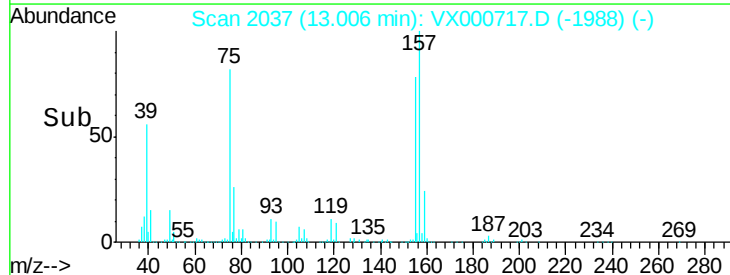
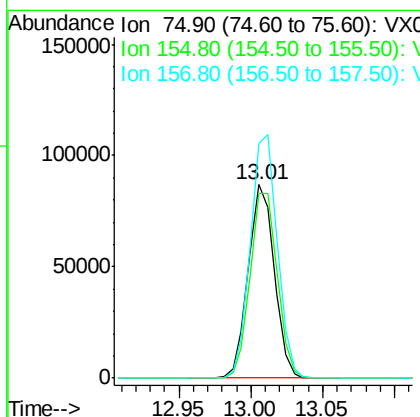
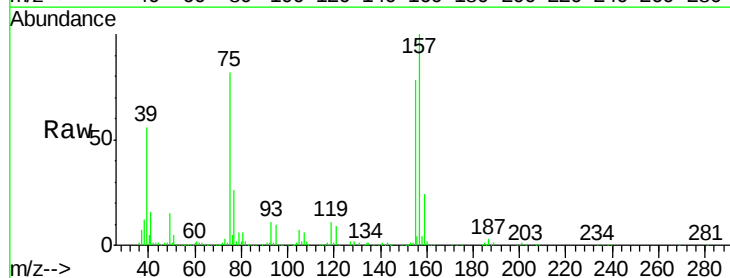
Manual Integrations
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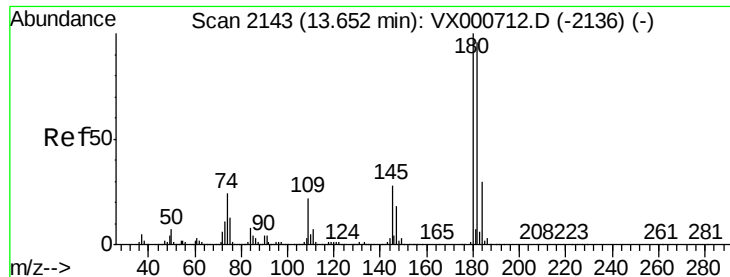
sam
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 91.513 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. 0.00 min
 Lab File: VX000717.D
 Acq: 07 Apr 2018 15:49

Tgt Ion	Ratio	Lower	Upper
75	100		
155	99.9	48.4	145.0
157	129.3	62.8	188.5





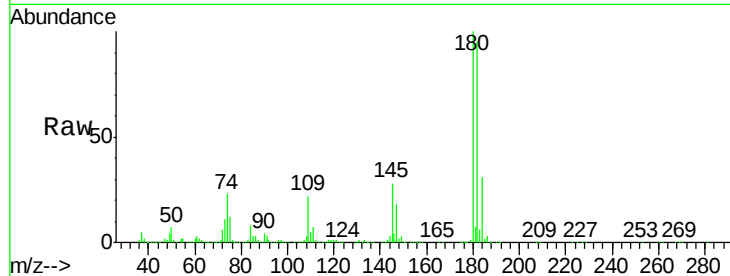
#93
 1,2,4-Trichlorobenzene
 Concen: 102.190 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX000717.D
 Acq: 07 Apr 2018 15:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

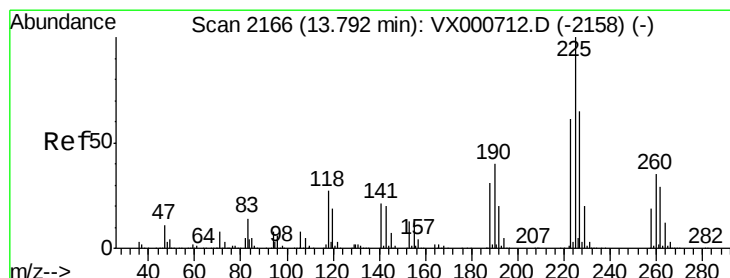
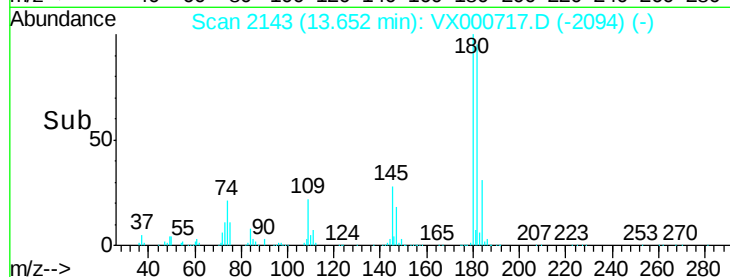
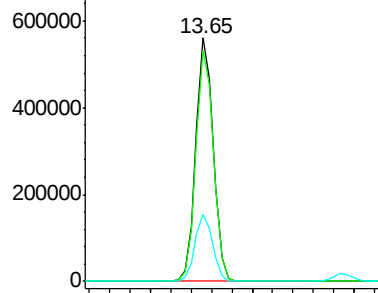
Tgt Ion:	180	Resp:	664395
Ion Ratio	Lower	Upper	
180	100		
182	95.5	47.9	143.7
145	27.8	14.1	42.3

Manual Integrations
 APPROVED

sam
 4/9/2018 2:02:20 PM

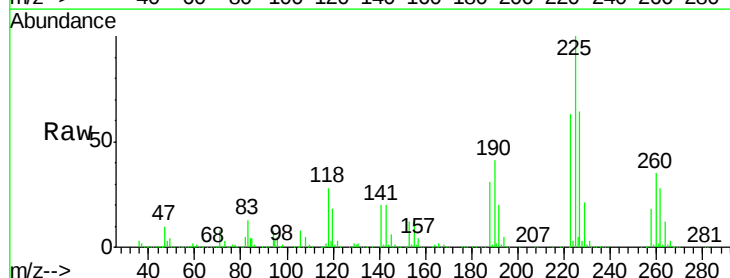


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

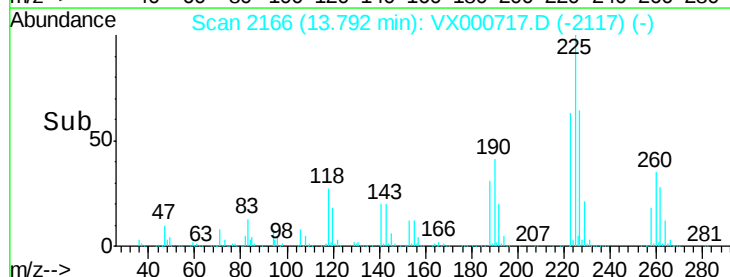
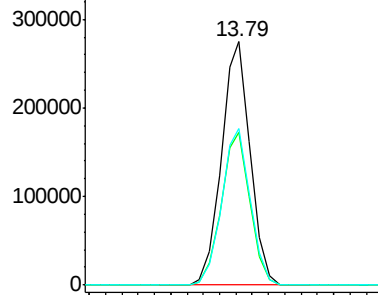


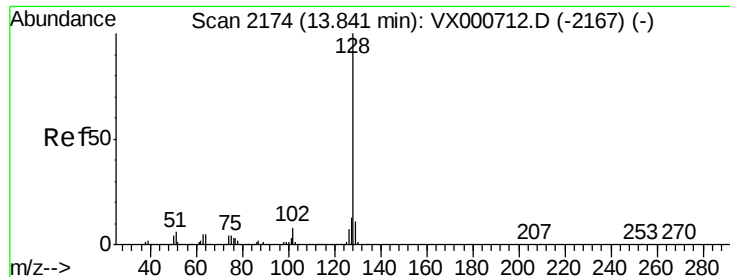
#94
 Hexachlorobutadiene
 Concen: 105.218 ug/l
 RT: 13.79 min Scan# 2166
 Delta R.T. 0.00 min
 Lab File: VX000717.D
 Acq: 07 Apr 2018 15:49

Tgt Ion:	225	Resp:	335662
Ion Ratio	Lower	Upper	
225	100		
223	62.5	30.9	92.8
227	63.9	31.9	95.7



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 95.376 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. 0.00 min

Lab File: VX000717.D

Acq: 07 Apr 2018 15:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tgt Ion:128 Resp: 1682500

Ion Ratio Lower Upper

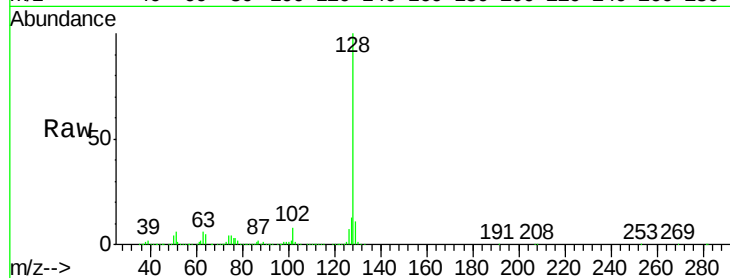
128 100

127 13.0 10.4 15.6

129 11.0 8.8 13.2

Manual Integrations
APPROVED

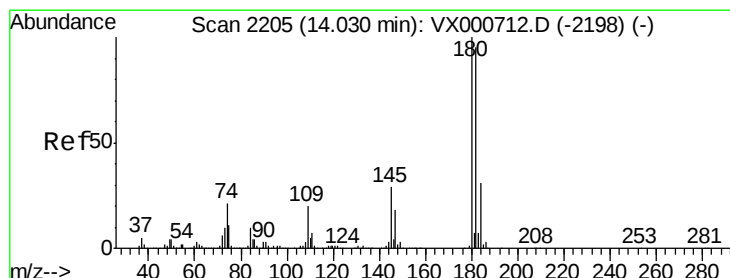
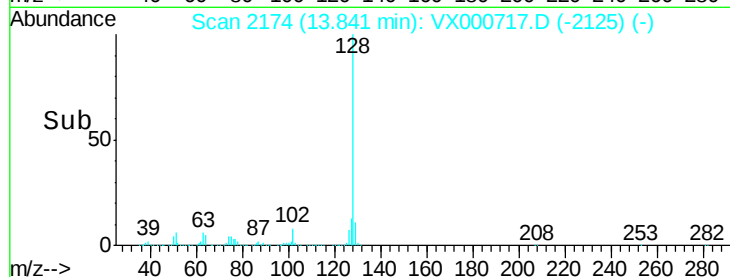
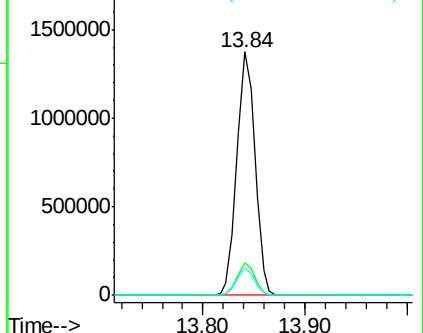
sam
4/9/2018 2:02:20 PM



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 100.557 ug/l

RT: 14.03 min Scan# 2205

Delta R.T. -0.00 min

Lab File: VX000717.D

Acq: 07 Apr 2018 15:49

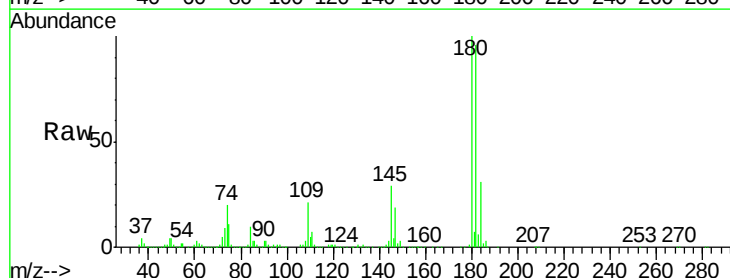
Tgt Ion:180 Resp: 639511

Ion Ratio Lower Upper

180 100

182 95.8 47.8 143.3

145 29.6 14.9 44.9



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

