

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX120418\
 Data File : VX006274.D
 Acq On : 04 Dec 2018 13:22
 Operator : JC/MD
 Sample : VX1204WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1204WBS01

Manual Integrations
 APPROVED

MMDadoda
 12/5/2018 10:11:31 AM

Quant Time: Dec 04 13:45:03 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 30 03:55:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	743511	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1111272	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	999773	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	499053	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	378394	49.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.70%	
35) Dibromofluoromethane	5.50	113	360955	50.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.34%	
50) Toluene-d8	8.71	98	1299424	49.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.30%	
62) 4-Bromofluorobenzene	11.13	95	478254	48.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.98%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	148825	20.443	ug/l	100
3) Chloromethane	1.33	50	142447	19.041	ug/l	98
4) Vinyl Chloride	1.41	62	158515	19.687	ug/l	98
5) Bromomethane	1.64	94	119856	21.479	ug/l	97
6) Chloroethane	1.72	64	101925	20.646	ug/l	97
7) Trichlorofluoromethane	1.93	101	244618	19.792	ug/l	98
8) Diethyl Ether	2.19	74	90986	19.451	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	139591	19.863	ug/l	99
10) Methyl Iodide	2.51	142	209505	19.781	ug/l	100
11) Tert butyl alcohol	3.07	59	189158	91.129	ug/l	99
12) 1,1-Dichloroethene	2.38	96	130330	19.372	ug/l	94
13) Acrolein	2.29	56	111977	98.701	ug/l	97
14) Allyl chloride	2.73	41	250632	18.859	ug/l	99
15) Acrylonitrile	3.15	53	409935	94.640	ug/l	99
16) Acetone	2.45	43	347163	97.464	ug/l	99
17) Carbon Disulfide	2.57	76	378969	18.280	ug/l	100
18) Methyl Acetate	2.78	43	238240	20.000	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	465928	19.413	ug/l	99
20) Methylene Chloride	2.86	84	150709	19.881	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	137554	19.186	ug/l	93
22) Diisopropyl ether	3.87	45	414180	19.952	ug/l	96
23) Vinyl Acetate	3.82	43	1743117	98.452	ug/l	99
24) 1,1-Dichloroethane	3.70	63	236253	19.912	ug/l	98
25) 2-Butanone	4.70	43	495842	97.560	ug/l	99
26) 2,2-Dichloropropane	4.59	77	214123	19.555	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	162987	20.380	ug/l	99
28) Bromochloromethane	5.02	49	103292	19.931	ug/l	99
29) Tetrahydrofuran	5.15	42	336491	95.262	ug/l	98
30) Chloroform	5.21	83	253437	20.326	ug/l	99
31) Cyclohexane	5.57	56	211184	19.260	ug/l	94
32) 1,1,1-Trichloroethane	5.49	97	233588	19.690	ug/l	99
36) 1,1-Dichloropropene	5.80	75	182844	19.539	ug/l	100
37) Ethyl Acetate	4.85	43	196136	18.716	ug/l	98
38) Carbon Tetrachloride	5.78	117	215569	19.581	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	237918	19.586	ug/l	99
40) Benzene	6.14	78	559647	19.967	ug/l	99
41) Methacrylonitrile	5.06	41	109639	19.013	ug/l	98
42) 1,2-Dichloroethane	6.20	62	186963	20.382	ug/l	99
43) Isopropyl Acetate	6.46	43	328892	18.823	ug/l	99
44) Trichloroethene	7.21	130	168322	19.824	ug/l	99
45) 1,2-Dichloropropane	7.52	63	138054	19.380	ug/l	96
46) Dibromomethane	7.66	93	102335	19.891	ug/l	99
47) Bromodichloromethane	7.90	83	198077	19.882	ug/l	98
48) Methyl methacrylate	7.77	41	160501	18.882	ug/l	99
49) 1,4-Dioxane	7.75	88	79406	379.020	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	977123	96.063	ug/l	98
52) Toluene	8.79	92	364824	19.785	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	219633	18.850	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	233454	19.296	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	153215	20.453	ug/l	98
56) Ethyl methacrylate	9.18	69	225979	19.296	ug/l	98
57) 1,3-Dichloropropane	9.37	76	239519	20.220	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	557695	93.843	ug/l	99
59) 2-Hexanone	9.49	43	740773	95.323	ug/l	99
60) Dibromochloromethane	9.59	129	176243	19.079	ug/l	98
61) 1,2-Dibromoethane	9.67	107	168784	20.150	ug/l	96
64) Tetrachloroethene	9.34	164	153547	20.394	ug/l	98
65) Chlorobenzene	10.14	112	431482	20.331	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	165719	20.097	ug/l	99
67) Ethyl Benzene	10.25	91	699113	19.806	ug/l	100
68) m/p-Xylenes	10.36	106	552180	39.053	ug/l	100
69) o-Xylene	10.70	106	274455	19.651	ug/l	99
70) Styrene	10.71	104	437413	19.364	ug/l	98
71) Bromoform	10.86	173	143307	18.411	ug/l #	100
73) Isopropylbenzene	11.02	105	724326	21.017	ug/l	99
74) N-amyl acetate	10.90	43	286114	19.279	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	225931	20.491	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	212787m	22.090	ug/l	
77) Bromobenzene	11.26	156	197093	20.607	ug/l	99
78) n-propylbenzene	11.36	91	785663	20.508	ug/l	100
79) 2-Chlorotoluene	11.42	91	467689	20.540	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	592257	20.654	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	77529	18.888	ug/l	95
82) 4-Chlorotoluene	11.51	91	535696	20.235	ug/l	99
83) tert-Butylbenzene	11.77	119	634503	20.739	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	610588	20.621	ug/l	99
85) sec-Butylbenzene	11.94	105	714008	20.514	ug/l	100
86) p-Isopropyltoluene	12.06	119	639863	20.416	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	343739	20.198	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	341466	19.768	ug/l	99
89) n-Butylbenzene	12.39	91	529461	19.799	ug/l	99
90) Hexachloroethane	12.60	117	125852	19.702	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	337743	19.996	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	51331	18.162	ug/l	97

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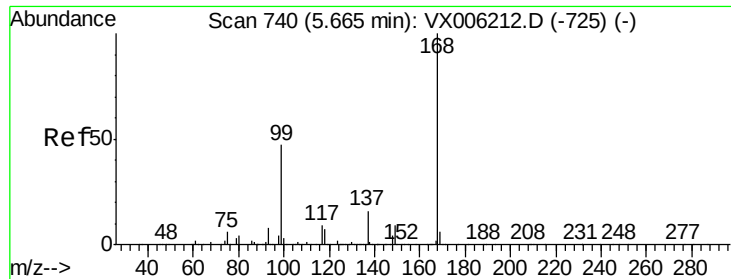
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	240677	19.532	ug/l	98
94) Hexachlorobutadiene	13.78	225	109798	20.148	ug/l	99
95) Naphthalene	13.83	128	767972	20.035	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	246917	20.231	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX006274.D

Acq: 04 Dec 2018 13:22

Instrument :

MSVOA_X

ClientSampleId :

VX1204WBS01

Tgt Ion: 168 Resp: 743511

Ion Ratio Lower Upper

168 100

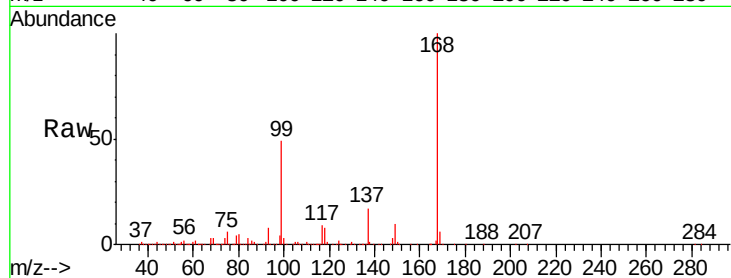
99 49.4 37.8 56.8

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

250000

200000

150000

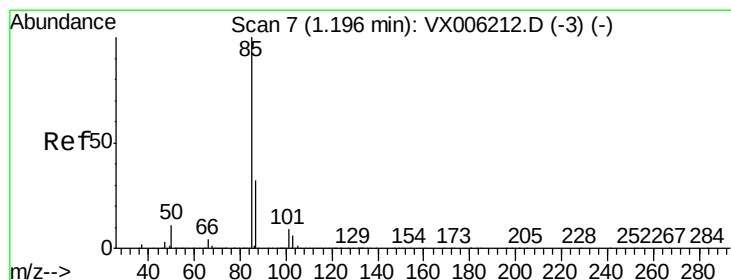
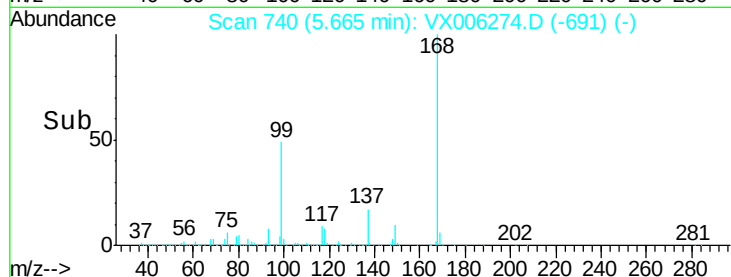
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50000

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Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 20.443 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX006274.D

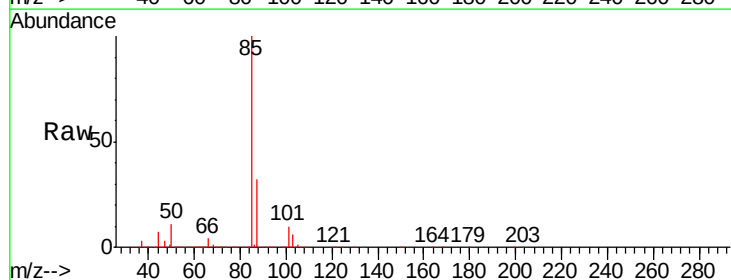
Acq: 04 Dec 2018 13:22

Tgt Ion: 85 Resp: 148825

Ion Ratio Lower Upper

85 100

87 32.2 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

150000

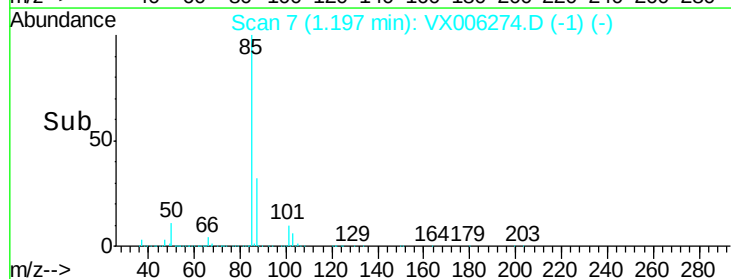
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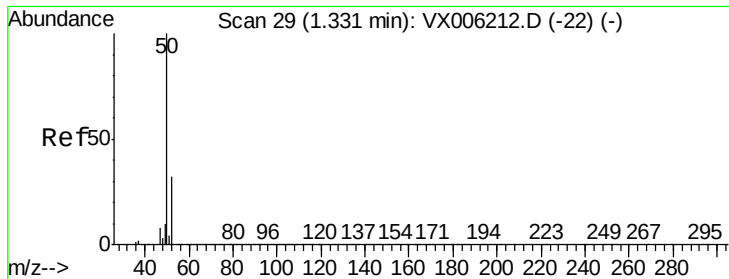
50000

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Time-->

1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 19.041 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.00 min

Lab File: VX006274.D

Acq: 04 Dec 2018 13:22

Instrument :

MSVOA_X

ClientSampleId :

VX1204WBS01

Tgt Ion: 50 Resp: 142447

Ion Ratio Lower Upper

50 100

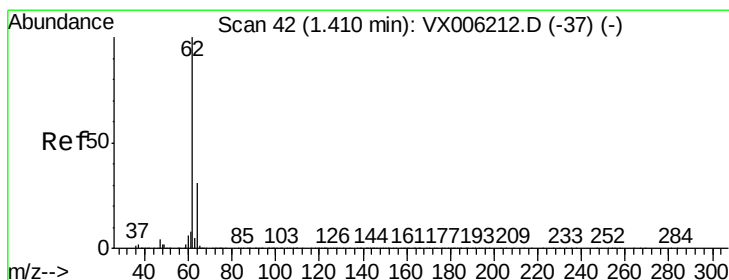
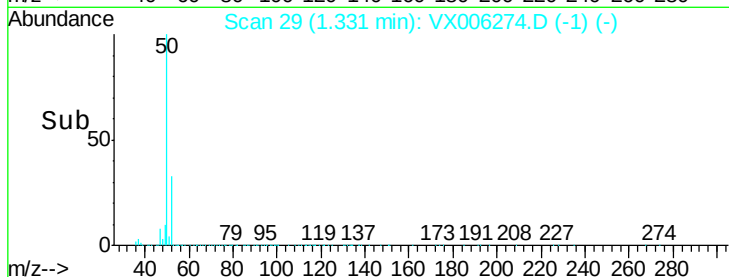
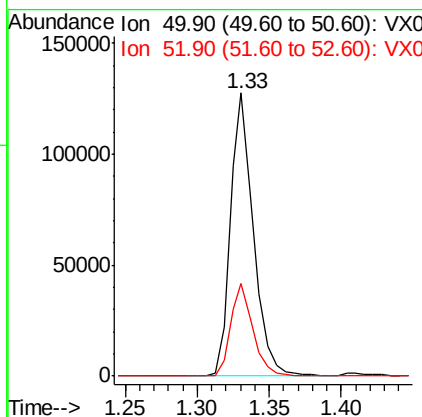
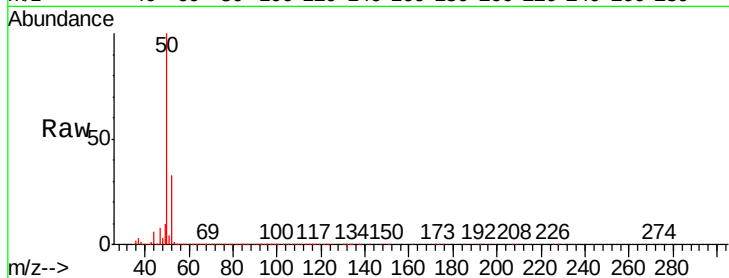
52 32.7 25.2 37.8

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#4

Vinyl Chloride

Concen: 19.687 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX006274.D

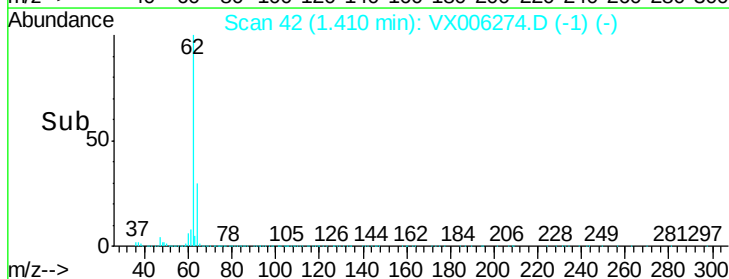
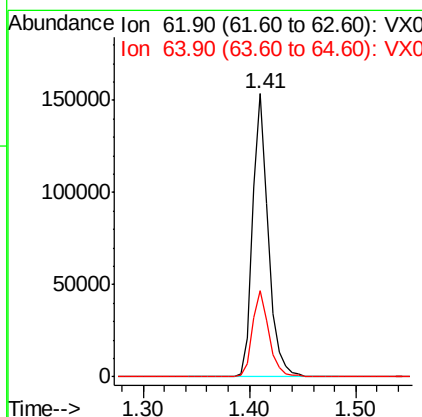
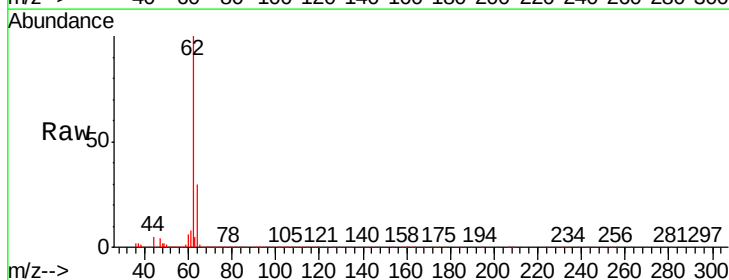
Acq: 04 Dec 2018 13:22

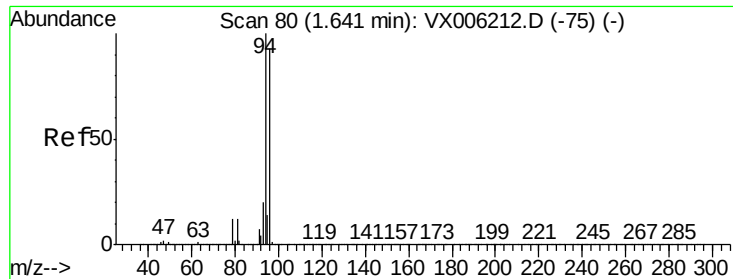
Tgt Ion: 62 Resp: 158515

Ion Ratio Lower Upper

62 100

64 30.2 24.9 37.3





#5

Bromomethane

Concen: 21.479 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX006274.D

Acq: 04 Dec 2018 13:22

Instrument :

MSVOA_X

ClientSampleId :

VX1204WBS01

Tgt Ion: 94 Resp: 119856

Ion Ratio Lower Upper

94 100

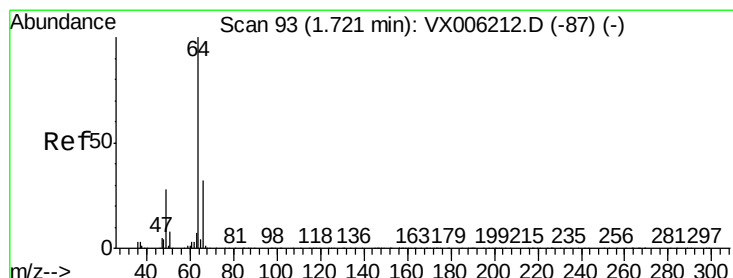
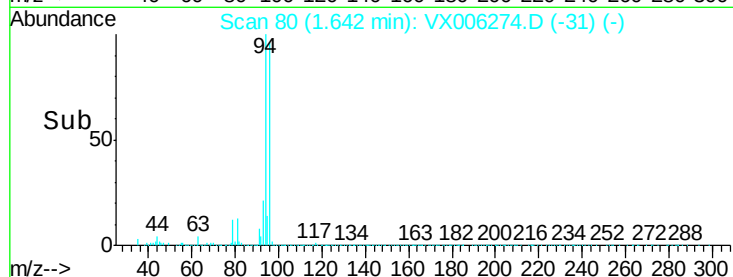
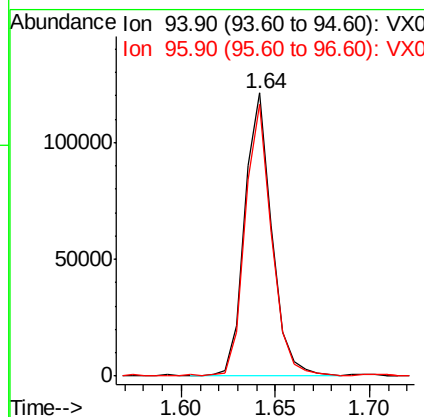
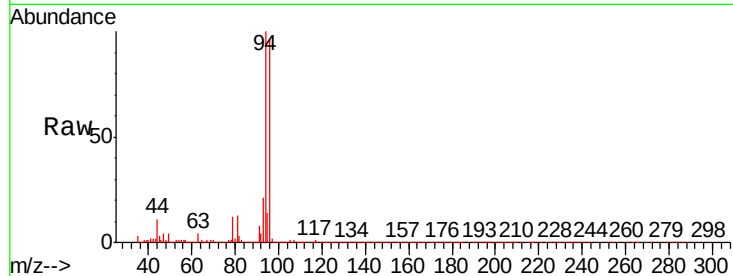
96 96.1 74.5 111.7

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#6

Chloroethane

Concen: 20.646 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.00 min

Lab File: VX006274.D

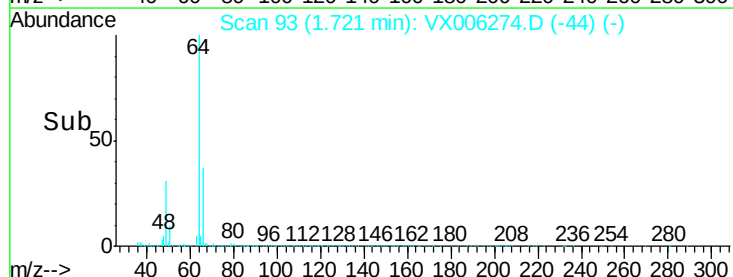
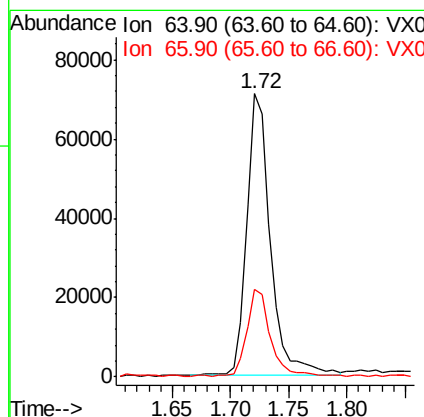
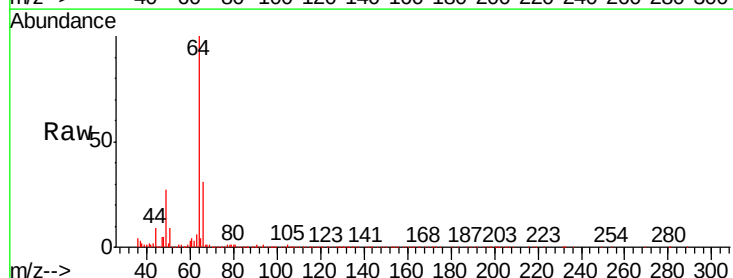
Acq: 04 Dec 2018 13:22

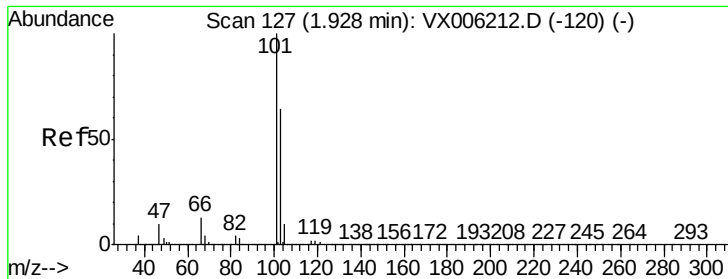
Tgt Ion: 64 Resp: 101925

Ion Ratio Lower Upper

64 100

66 30.8 25.9 38.9





#7

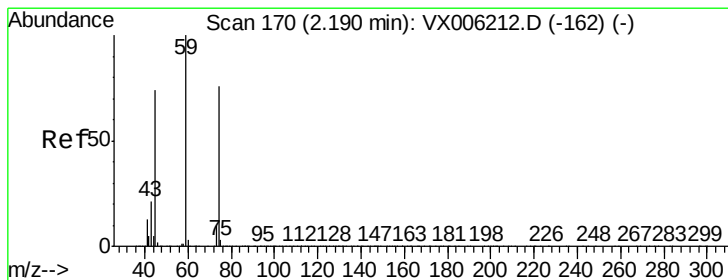
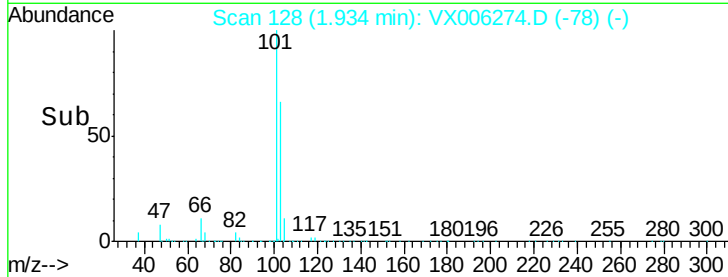
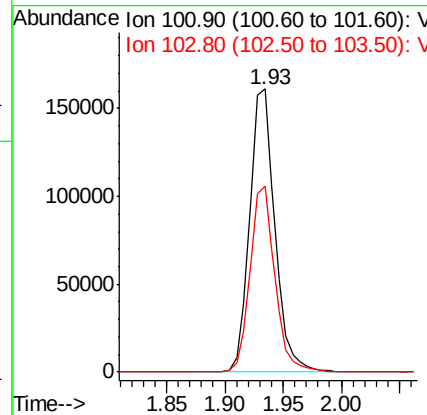
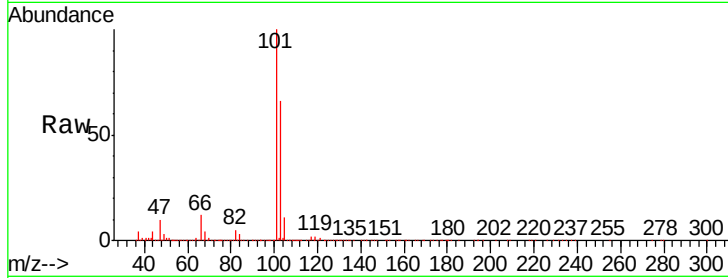
Trichlorofluoromethane
Concen: 19.792 ug/l
RT: 1.93 min Scan# 128
Delta R.T. 0.01 min
Lab File: VX006274.D
Acq: 04 Dec 2018 13:22

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ClientSampleId :
VX1204WBS01

Tgt Ion	Ratio	Resp	Lower	Upper
101	100	244618		
103	65.6	51.0	76.4	

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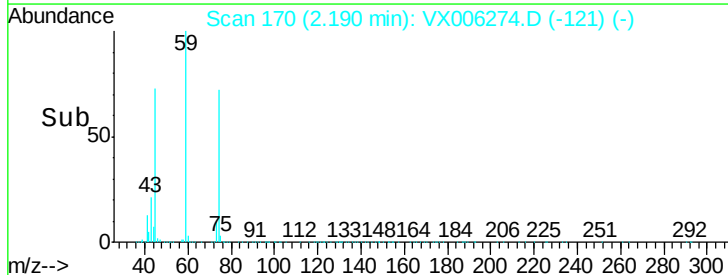
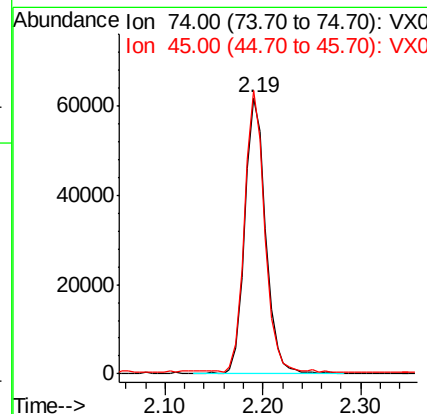
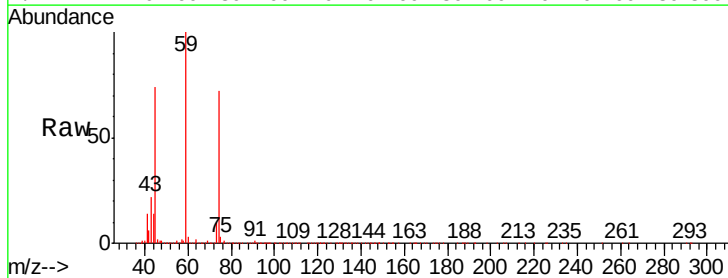
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12/5/2018 10:11:31 AM

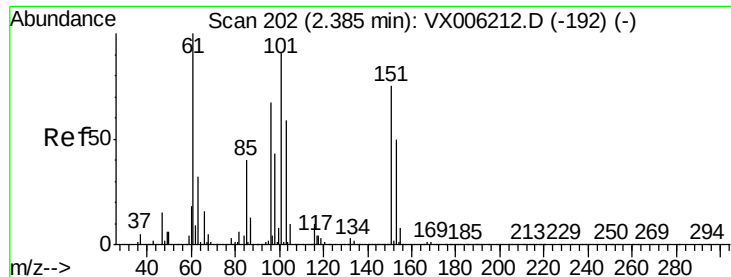


#8

Diethyl Ether
Concen: 19.451 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX006274.D
Acq: 04 Dec 2018 13:22

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	90986		
45	99.5	49.5	148.7	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.863 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.00 min

Lab File: VX006274.D

Acq: 04 Dec 2018 13:22

Instrument :

MSVOA_X

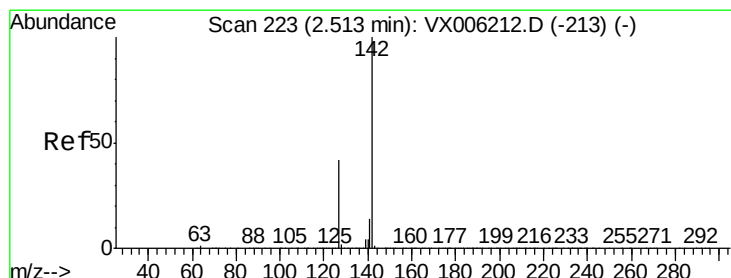
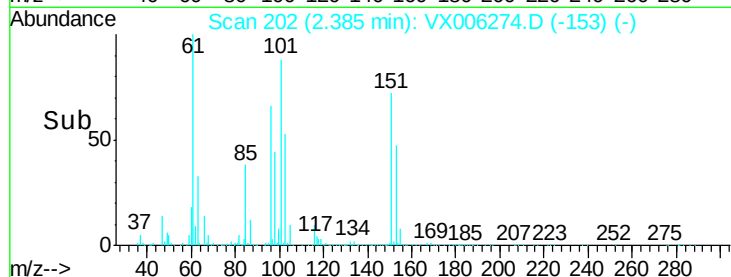
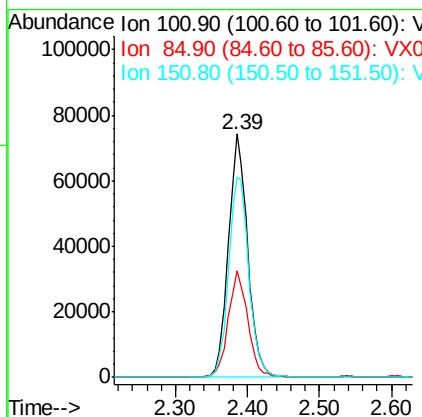
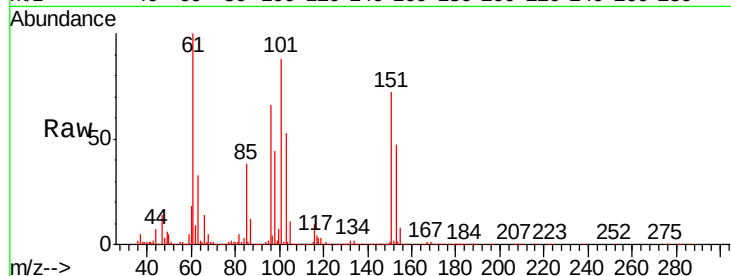
ClientSampled :

VX1204WBS01

Tgt Ion:	101	Resp:	139591
Ion Ratio	Lower	Upper	
101	100		
85	43.7	35.5	53.3
151	86.0	68.6	103.0

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#10

Methyl Iodide

Concen: 19.781 ug/l

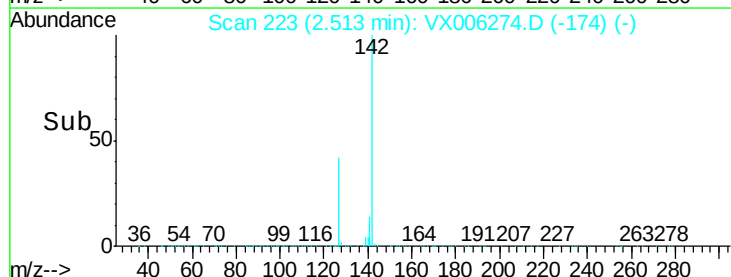
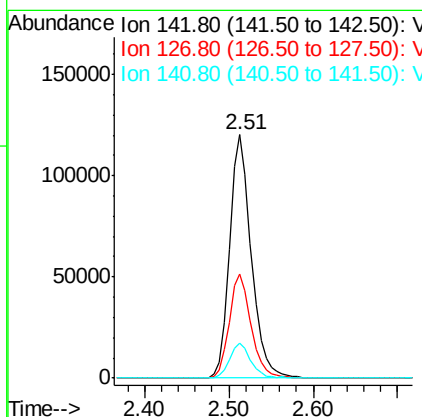
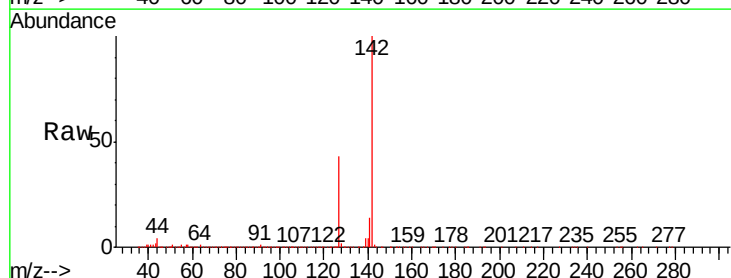
RT: 2.51 min Scan# 223

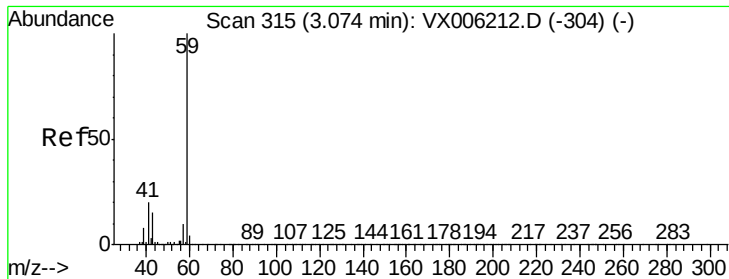
Delta R.T. 0.00 min

Lab File: VX006274.D

Acq: 04 Dec 2018 13:22

Tgt Ion:	142	Resp:	209505
Ion Ratio	Lower	Upper	
142	100		
127	43.3	34.8	52.2
141	14.5	11.4	17.2





#11

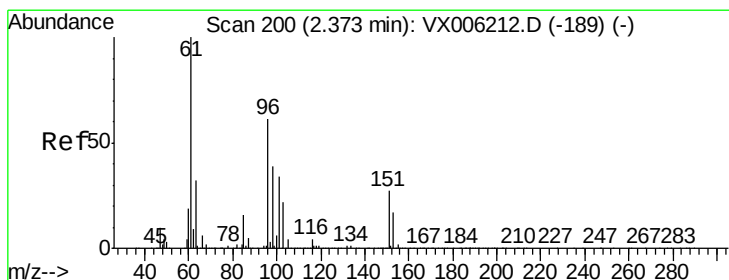
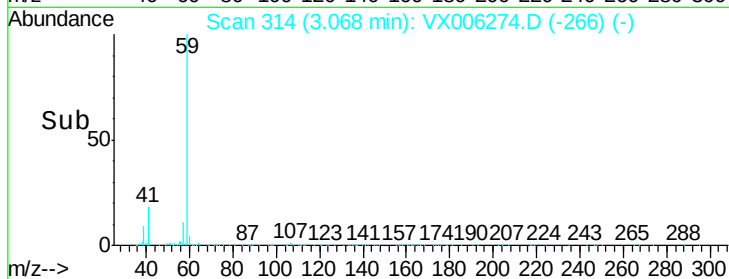
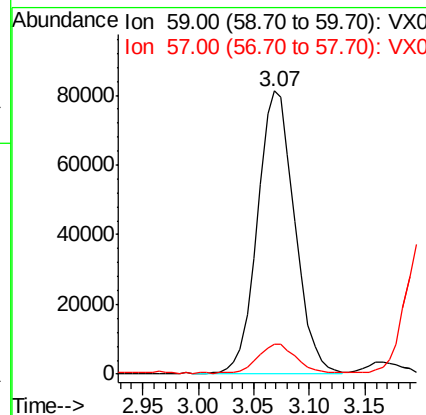
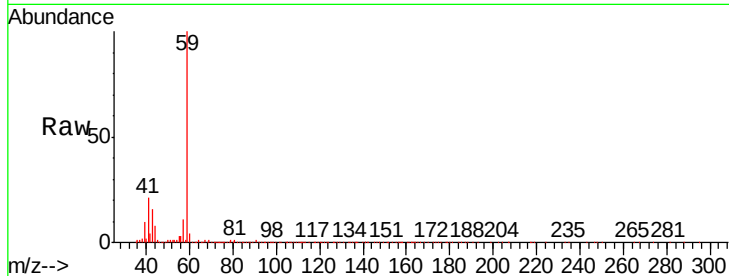
Tert butyl alcohol
Concen: 91.129 ug/l
RT: 3.07 min Scan# 314
Delta R.T. -0.01 min
Lab File: VX006274.D
Acq: 04 Dec 2018 13:22

Instrument :
MSVOA_X
ClientSampleId :
VX1204WBS01

Tgt Ion	Ratio	Lower	Upper
59	100		
57	10.6	8.2	12.2

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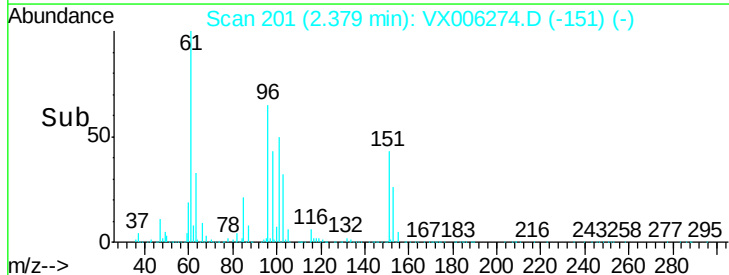
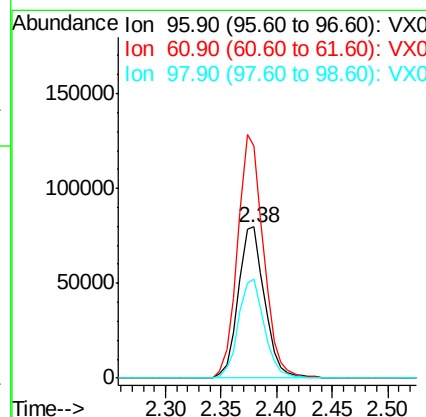
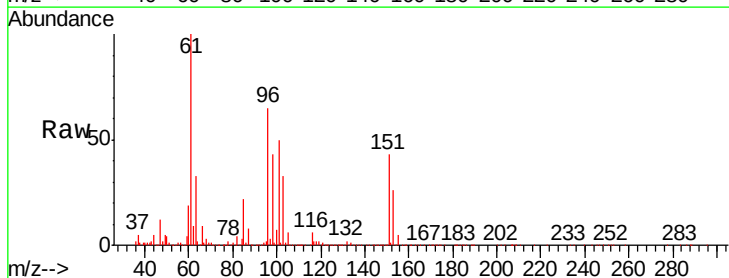
MMDadoda
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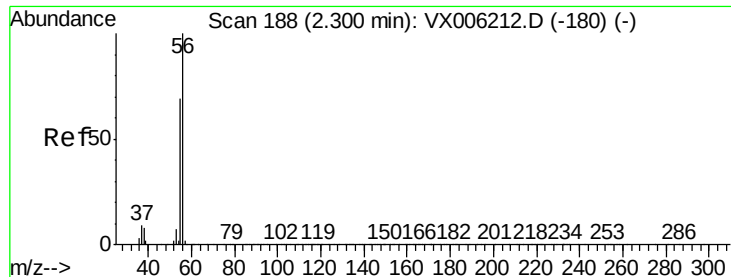


#12

1,1-Dichloroethene
Concen: 19.372 ug/l
RT: 2.38 min Scan# 201
Delta R.T. 0.01 min
Lab File: VX006274.D
Acq: 04 Dec 2018 13:22

Tgt Ion	Ratio	Lower	Upper
96	100		
61	153.8	131.7	197.5
98	65.8	51.8	77.6





#13

Acrolein

Concen: 98.701 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.01 min

Lab File: VX006274.D

Acq: 04 Dec 2018 13:22

Instrument :

MSVOA_X

ClientSampleId :

VX1204WBS01

Tgt Ion: 56 Resp: 111977

Ion Ratio Lower Upper

56 100

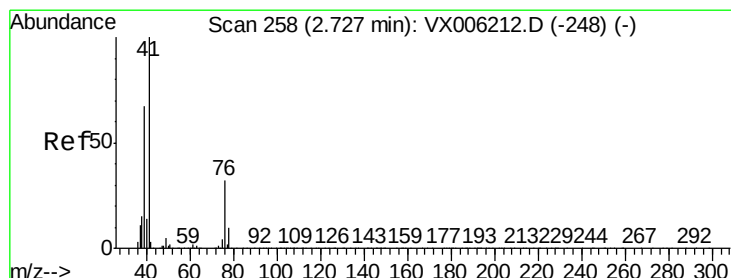
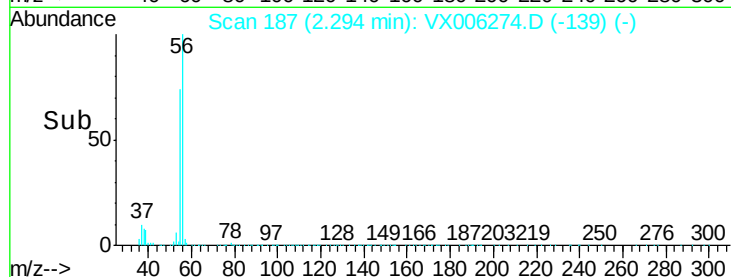
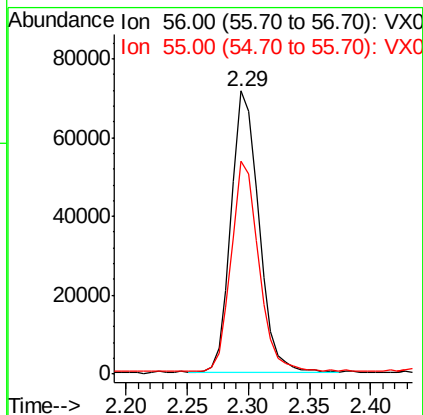
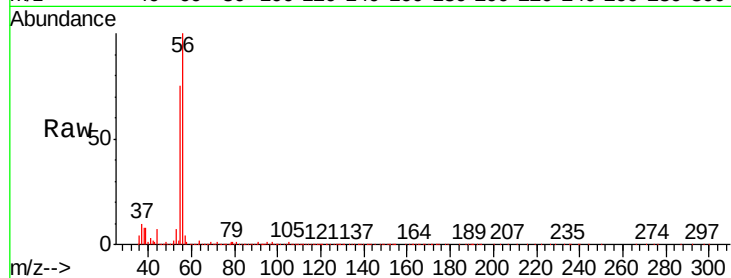
55 74.6 57.8 86.6

Manual Integrations

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#14

Allyl chloride

Concen: 18.859 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX006274.D

Acq: 04 Dec 2018 13:22

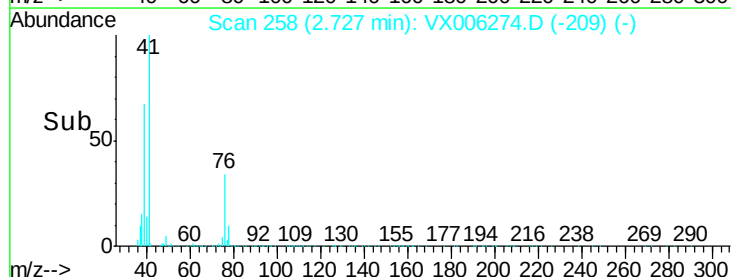
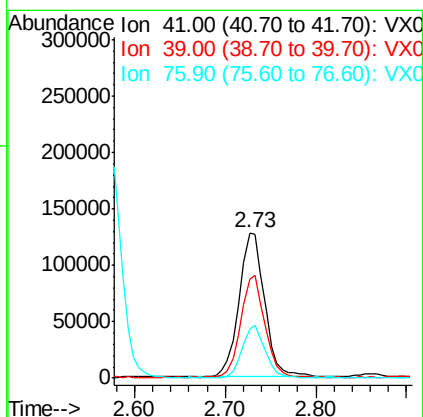
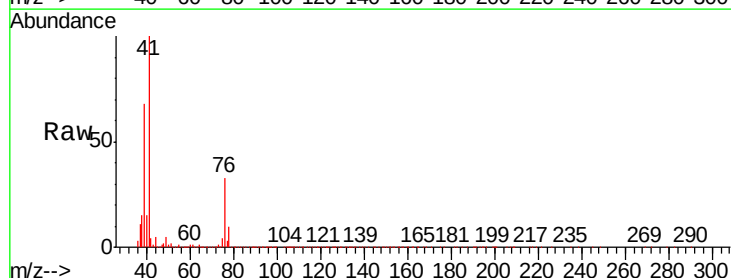
Tgt Ion: 41 Resp: 250632

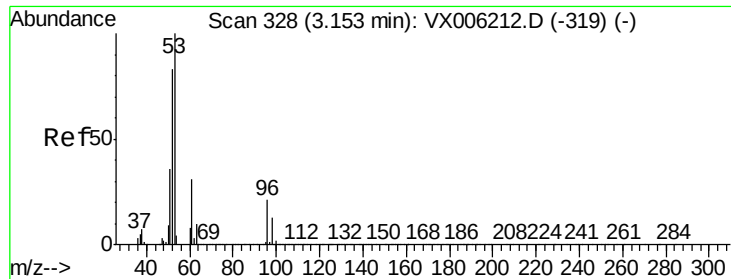
Ion Ratio Lower Upper

41 100

39 66.1 52.4 78.6

76 32.6 25.4 38.0





#15

Acrylonitrile

Concen: 94.640 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.01 min

Lab File: VX006274.D

Acq: 04 Dec 2018 13:22

Instrument :

MSVOA_X

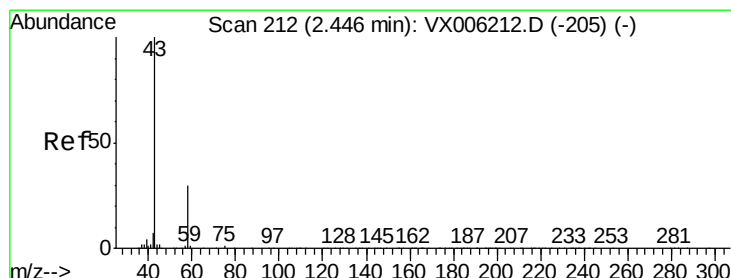
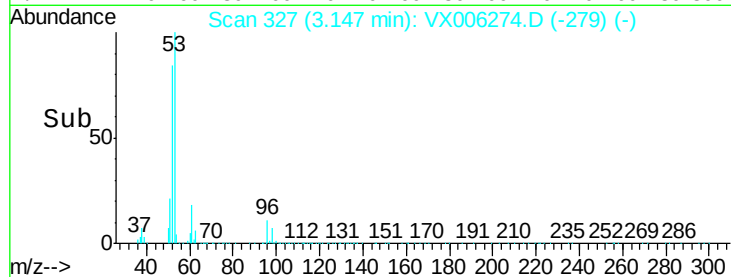
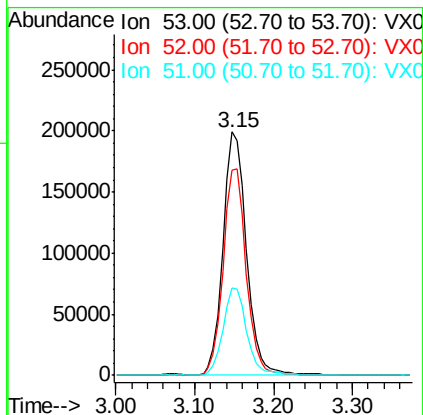
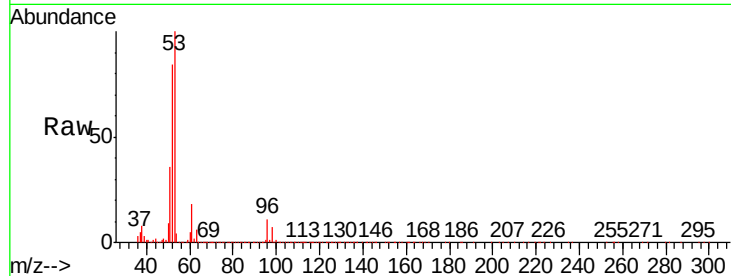
ClientSampleId :

VX1204WBS01

Tgt Ion:	53	Resp:	409935
Ion Ratio		Lower	Upper
53	100		
52	83.6	66.2	99.4
51	36.4	28.7	43.1

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#16

Acetone

Concen: 97.464 ug/l

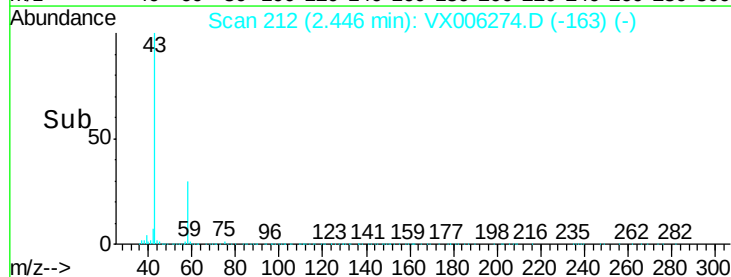
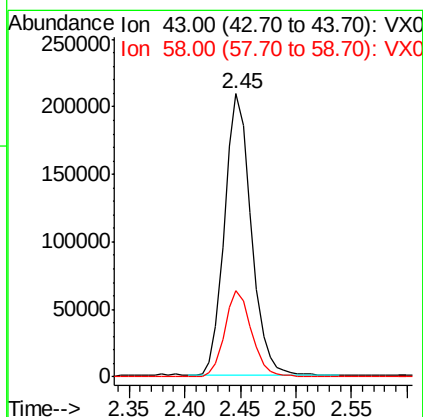
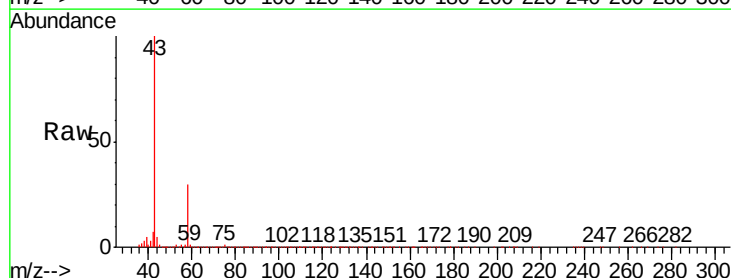
RT: 2.45 min Scan# 212

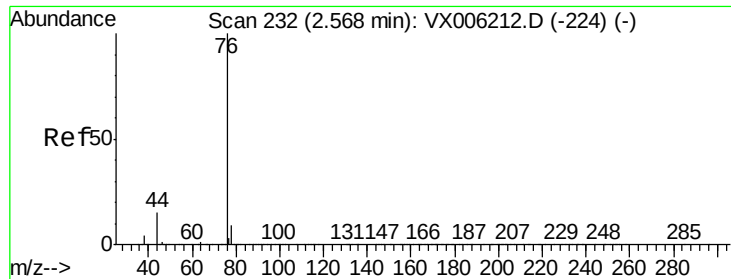
Delta R.T. 0.00 min

Lab File: VX006274.D

Acq: 04 Dec 2018 13:22

Tgt Ion:	43	Resp:	347163
Ion Ratio		Lower	Upper
43	100		
58	30.5	24.0	36.0





#17

Carbon Disulfide

Concen: 18.280 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX006274.D

Acq: 04 Dec 2018 13:22

Instrument :

MSVOA_X

ClientSampleId :

VX1204WBS01

Tgt Ion: 76 Resp: 378969

Ion Ratio Lower Upper

76 100

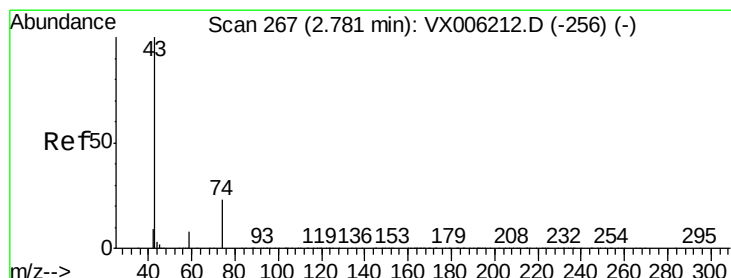
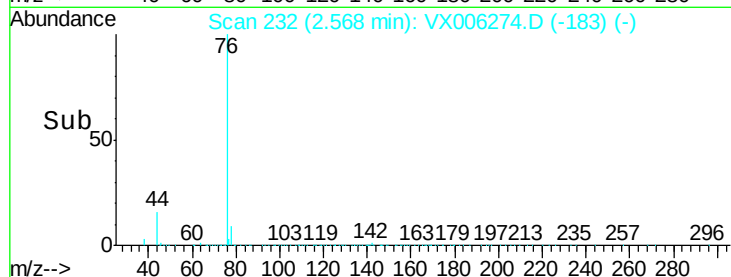
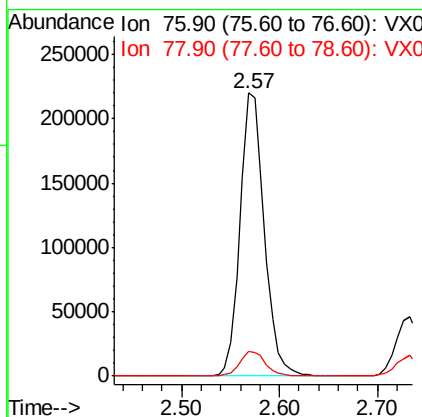
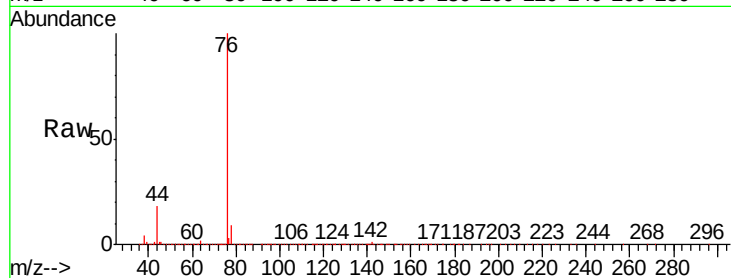
78 8.8 7.1 10.7

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#18

Methyl Acetate

Concen: 20.000 ug/l

RT: 2.78 min Scan# 267

Delta R.T. 0.00 min

Lab File: VX006274.D

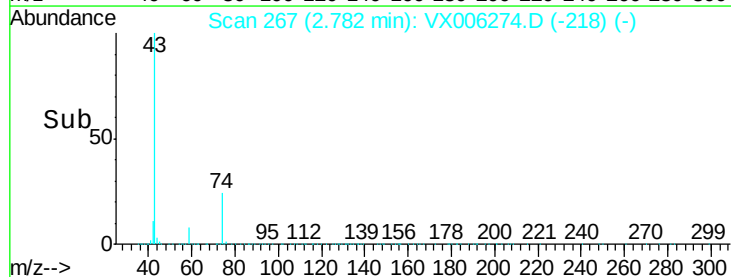
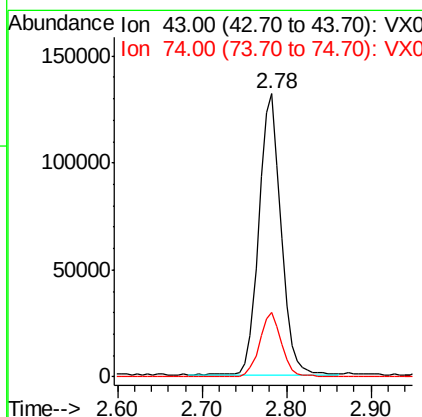
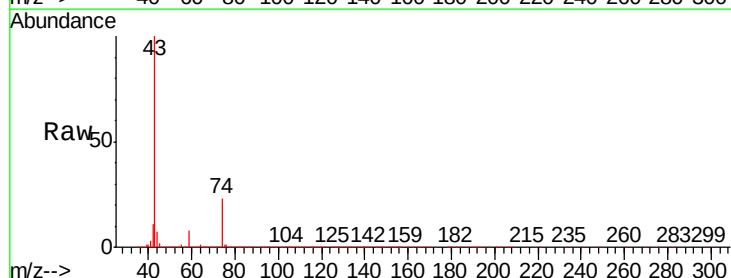
Acq: 04 Dec 2018 13:22

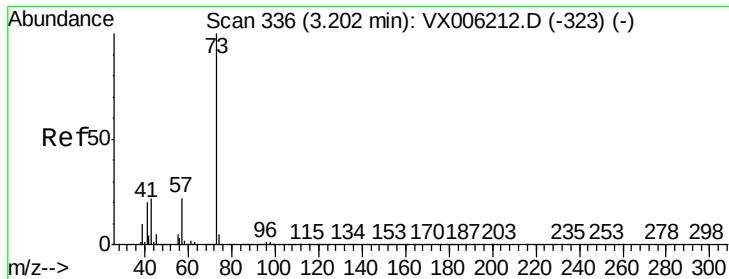
Tgt Ion: 43 Resp: 238240

Ion Ratio Lower Upper

43 100

74 22.5 17.9 26.9





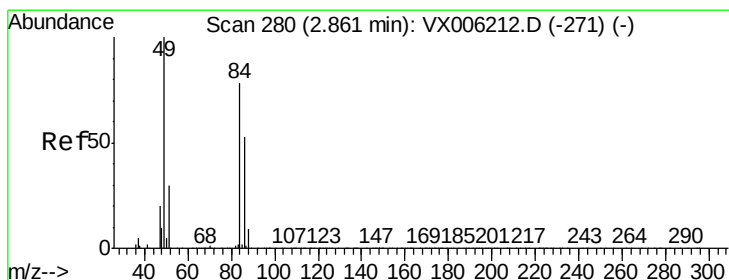
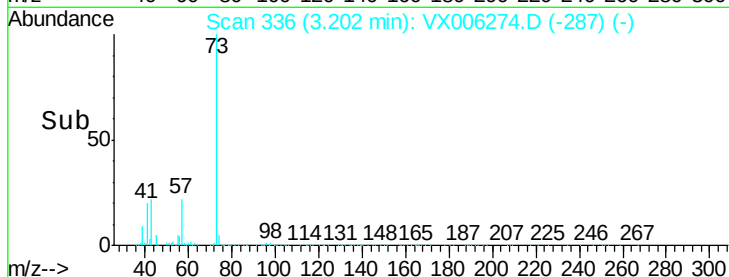
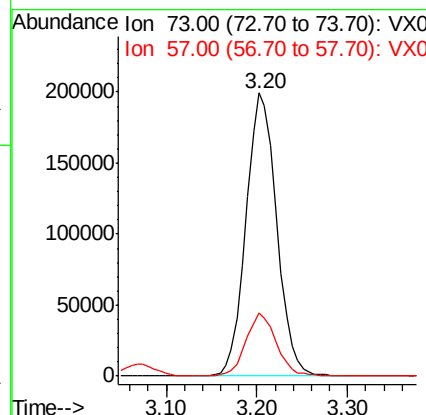
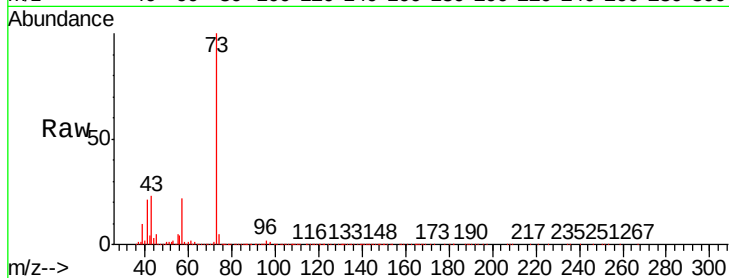
#19
Methyl tert-butyl Ether
Concen: 19.413 ug/l
RT: 3.20 min Scan# 336
Delta R.T. 0.00 min
Lab File: VX006274.D
Acq: 04 Dec 2018 13:22

Instrument :
MSVOA_X
ClientSampleId :
VX1204WBS01

Tgt Ion	Ratio	Lower	Upper
73	100		
57	22.2	17.5	26.3

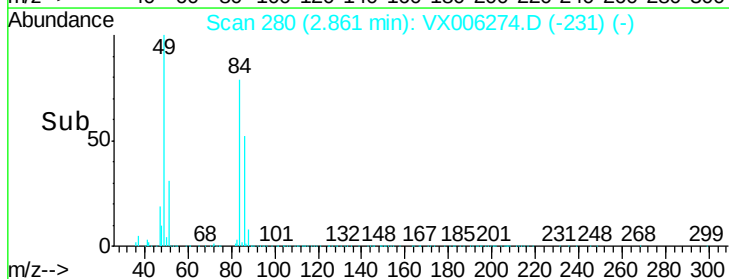
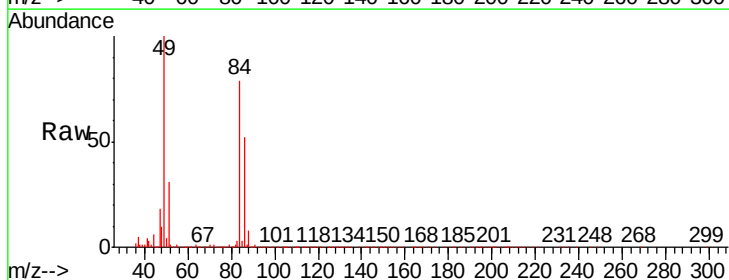
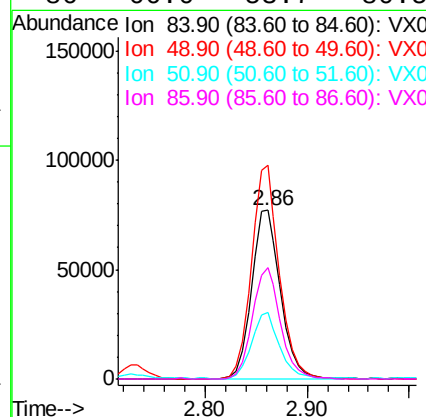
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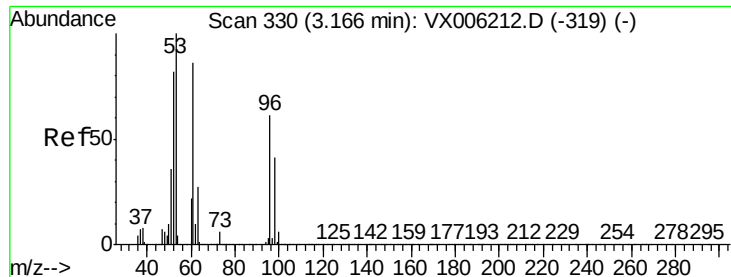
MMDadoda
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#20
Methylene Chloride
Concen: 19.881 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX006274.D
Acq: 04 Dec 2018 13:22

Tgt Ion	Ratio	Lower	Upper
84	100		
49	126.8	102.2	153.4
51	39.4	31.1	46.7
86	66.0	53.7	80.5





#21

trans-1,2-Dichloroethene

Concen: 19.186 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX006274.D

Acq: 04 Dec 2018 13:22

Instrument :

MSVOA_X

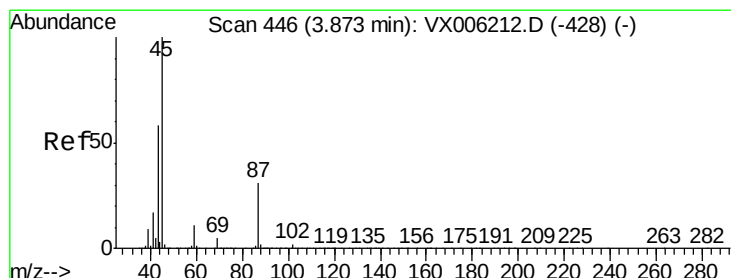
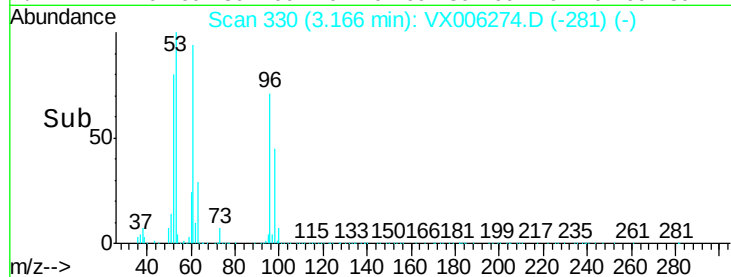
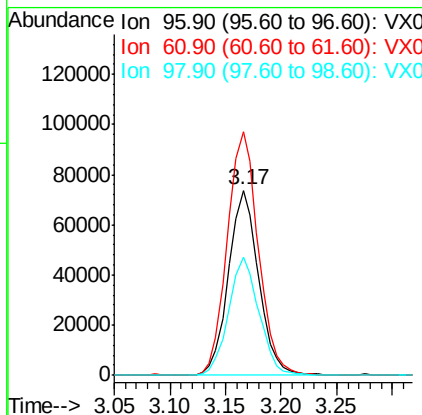
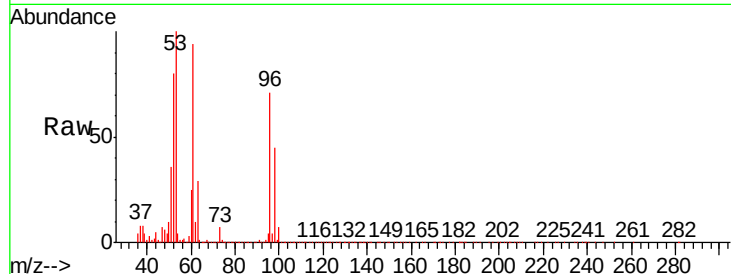
ClientSampleId :

VX1204WBS01

Tgt Ion:	96	Resp:	137554
Ion Ratio	Lower	Upper	
96	100		
61	131.8	113.3	169.9
98	63.6	53.2	79.8

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#22

Diisopropyl ether

Concen: 19.952 ug/l

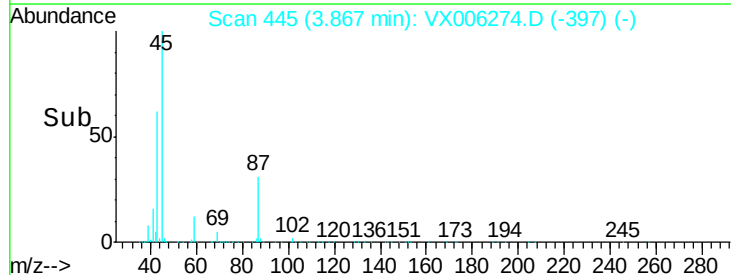
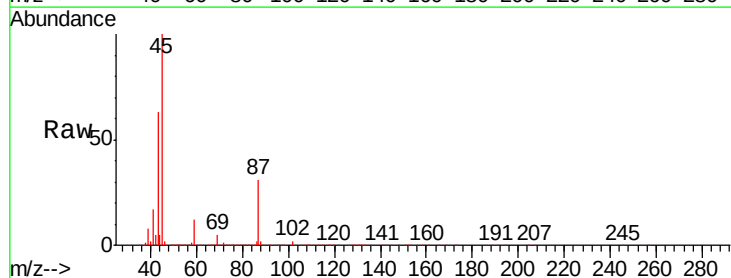
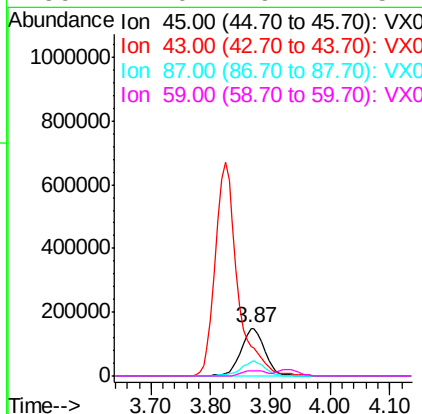
RT: 3.87 min Scan# 446

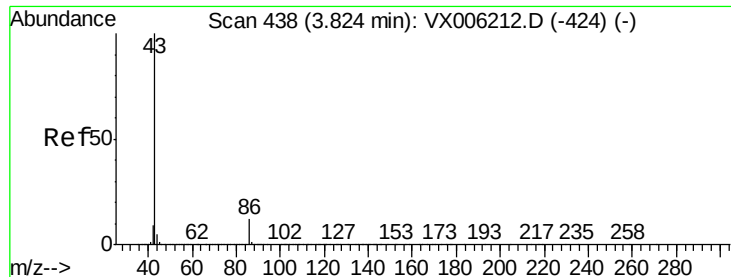
Delta R.T. -0.01 min

Lab File: VX006274.D

Acq: 04 Dec 2018 13:22

Tgt Ion:	45	Resp:	414180
Ion Ratio	Lower	Upper	
45	100		
43	62.4	46.2	69.2
87	31.0	24.9	37.3
59	12.0	9.1	13.7





#23

Vinyl Acetate

Concen: 98.452 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.00 min

Lab File: VX006274.D

Acq: 04 Dec 2018 13:22

Instrument :

MSVOA_X

ClientSampleId :

VX1204WBS01

Tgt Ion: 43 Resp: 1743117

Ion Ratio Lower Upper

43 100

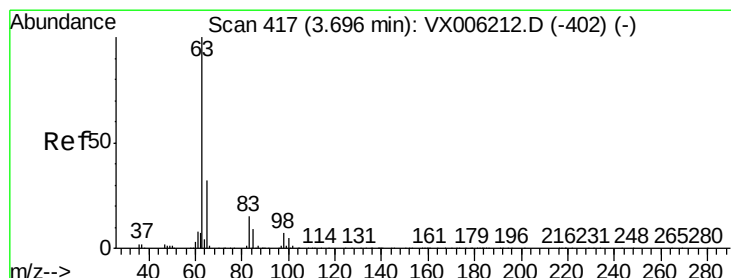
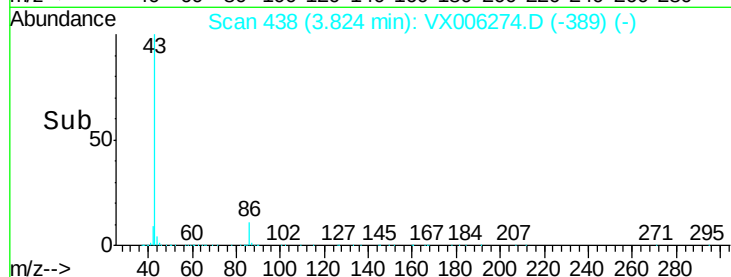
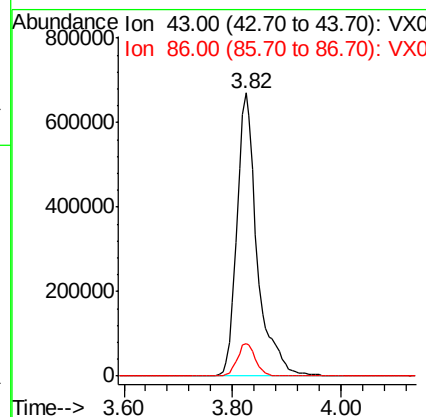
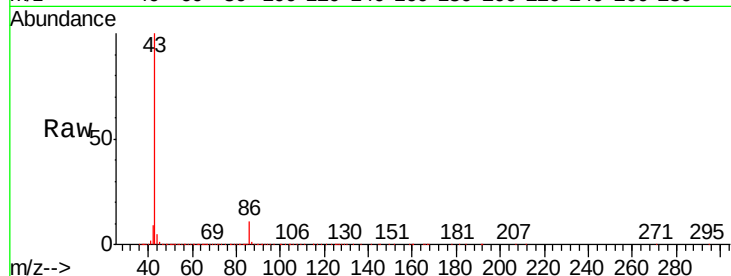
86 11.4 9.4 14.0

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#24

1,1-Dichloroethane

Concen: 19.912 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX006274.D

Acq: 04 Dec 2018 13:22

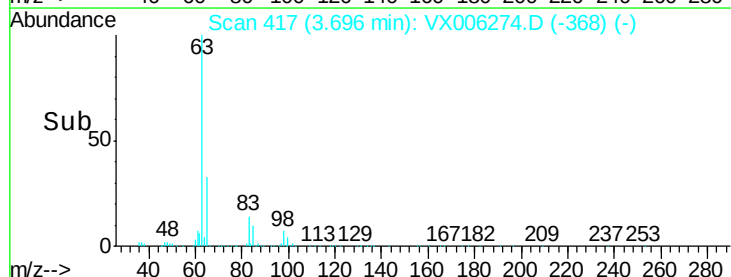
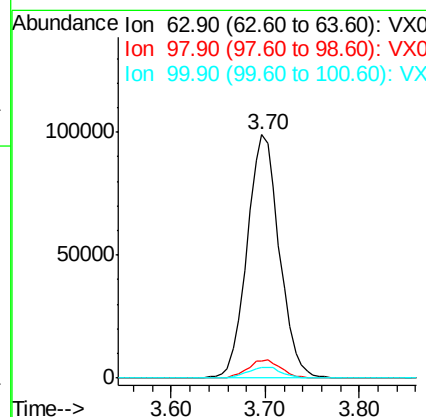
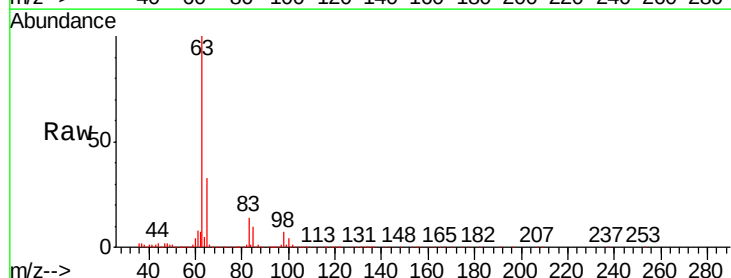
Tgt Ion: 63 Resp: 236253

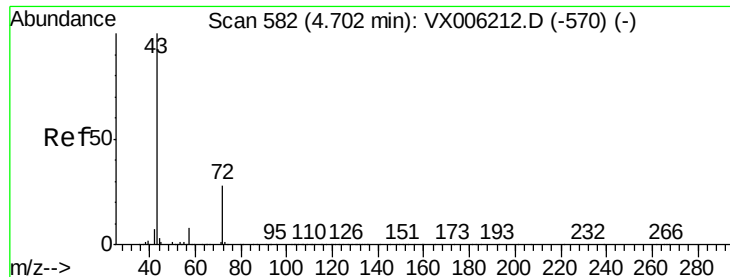
Ion Ratio Lower Upper

63 100

98 6.5 3.8 11.4

100 4.5 2.5 7.4





#25

2-Butanone

Concen: 97.560 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX006274.D

Acq: 04 Dec 2018 13:22

Instrument :

MSVOA_X

ClientSampleId :

VX1204WBS01

Tgt Ion: 43 Resp: 495842

Ion Ratio Lower Upper

43 100

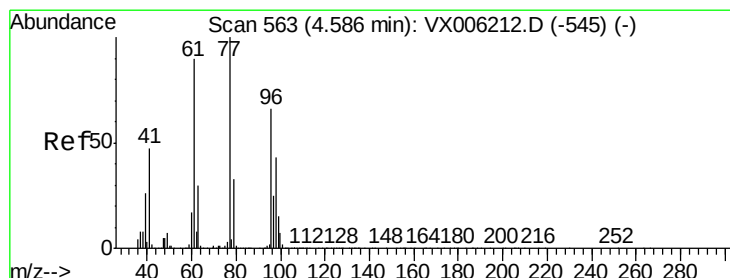
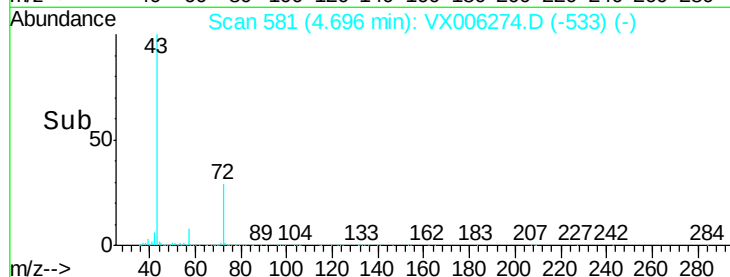
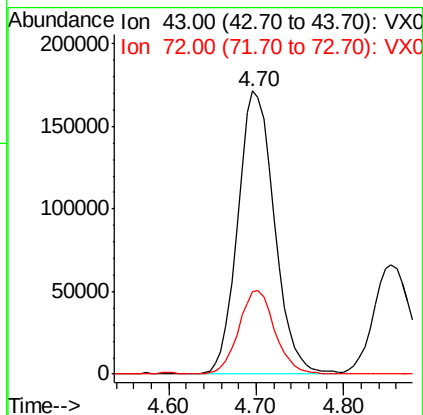
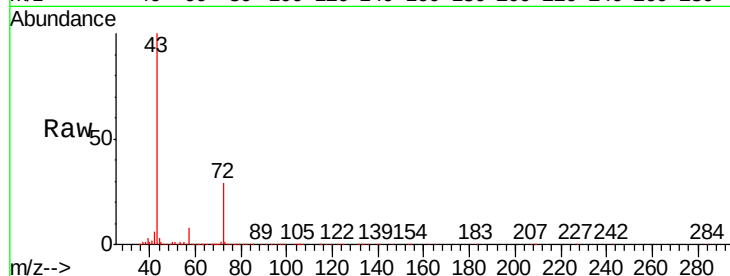
72 29.0 22.6 33.8

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 19.555 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.00 min

Lab File: VX006274.D

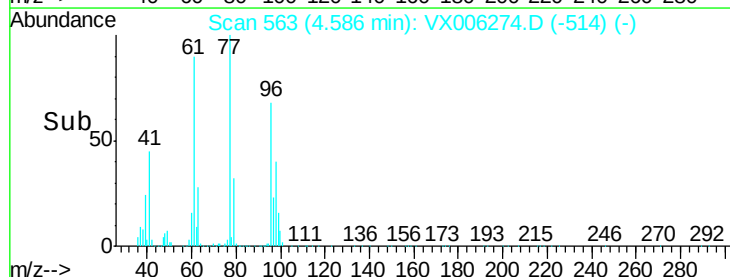
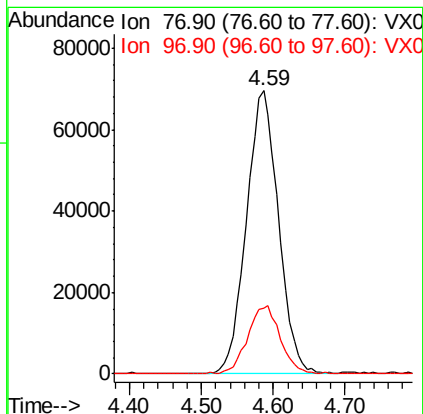
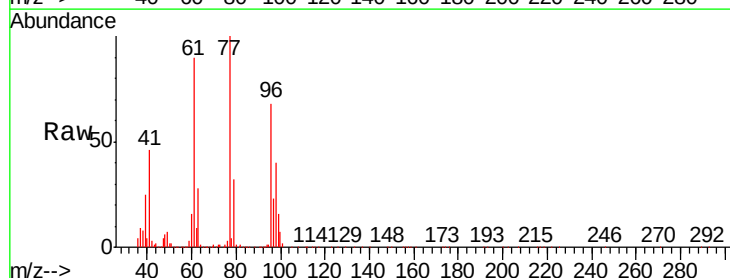
Acq: 04 Dec 2018 13:22

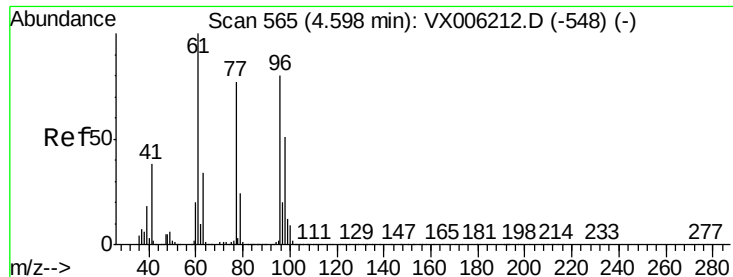
Tgt Ion: 77 Resp: 214123

Ion Ratio Lower Upper

77 100

97 24.6 12.3 36.8





#27

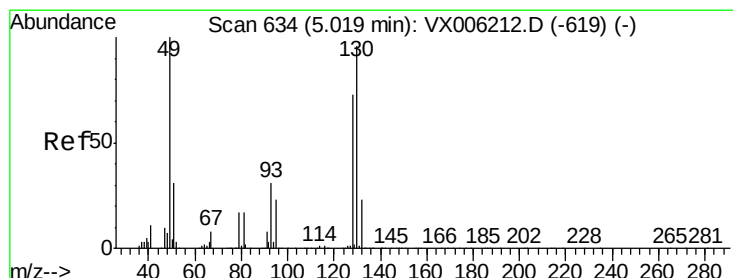
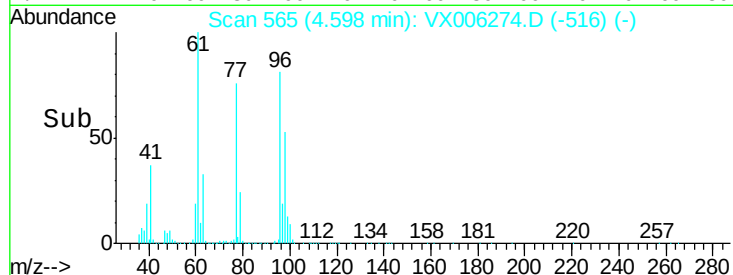
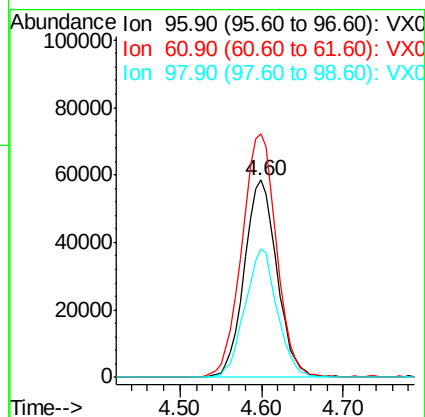
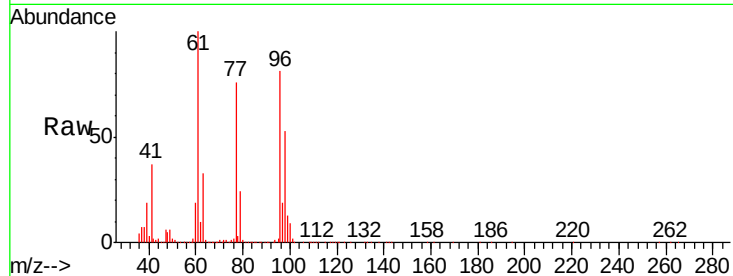
cis-1,2-Dichloroethene
Concen: 20.380 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX006274.D
Acq: 04 Dec 2018 13:22

Instrument :
MSVOA_X
ClientSampleId :
VX1204WBS01

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	162987		
61	130.5	0.0	265.0	
98	64.6	0.0	130.2	

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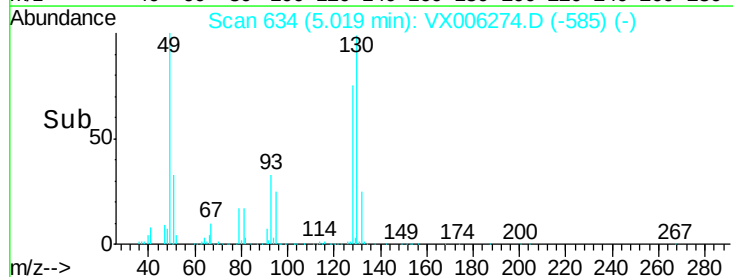
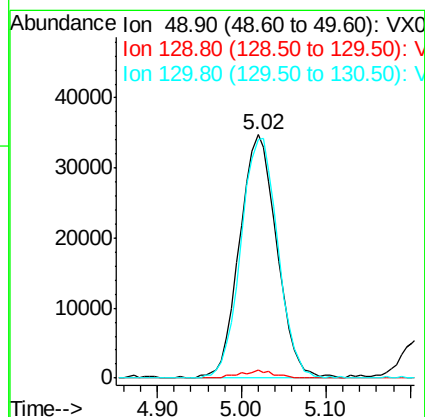
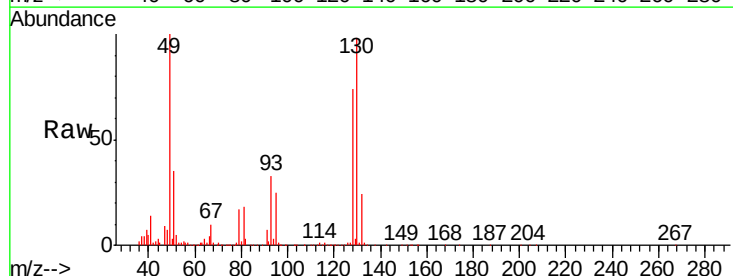
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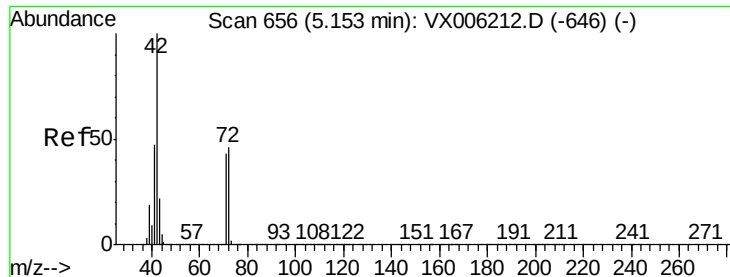


#28

Bromochloromethane
Concen: 19.931 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.00 min
Lab File: VX006274.D
Acq: 04 Dec 2018 13:22

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	103292		
129	2.8	0.0	5.0	
130	98.9	78.3	117.5	





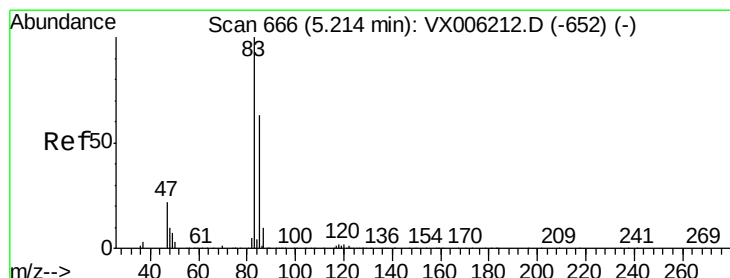
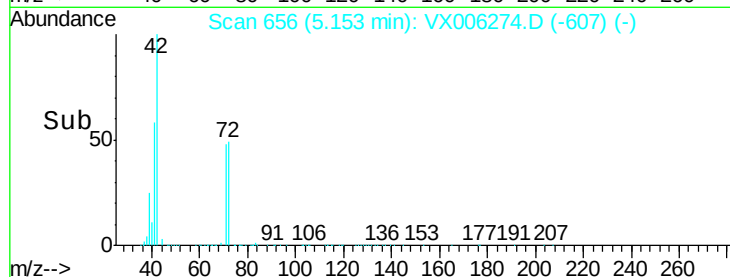
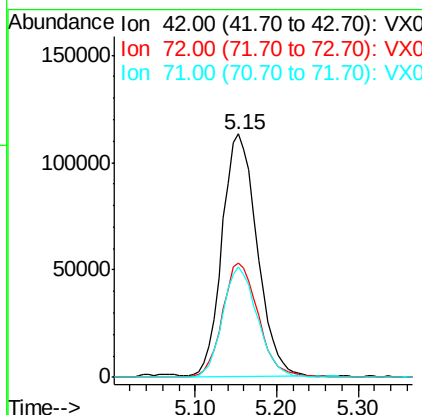
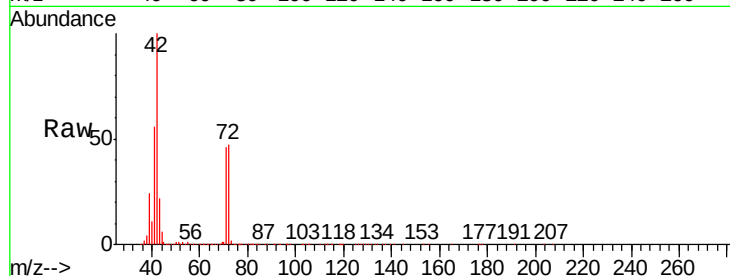
#29
Tetrahydrofuran
Concen: 95.262 ug/l
RT: 5.15 min Scan# 656
Delta R.T. 0.00 min
Lab File: VX006274.D
Acq: 04 Dec 2018 13:22

Instrument :
MSVOA_X
ClientSampleId :
VX1204WBS01

Tgt Ion	Ratio	Lower	Upper
42	100		
72	48.2	37.8	56.8
71	45.7	35.2	52.8

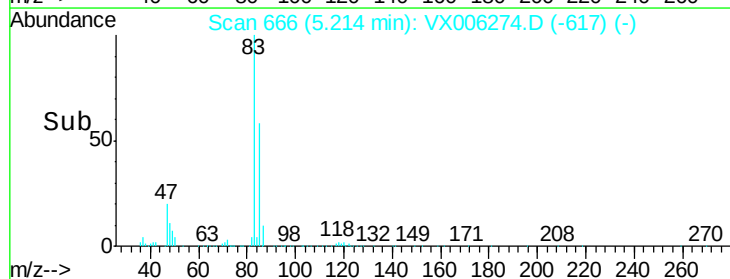
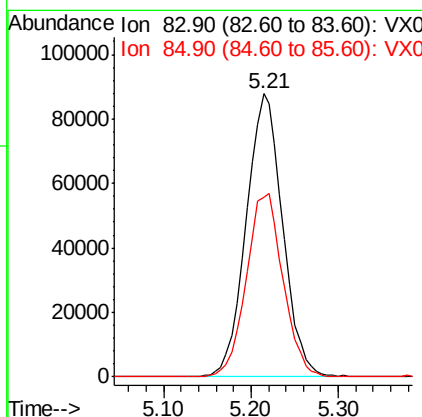
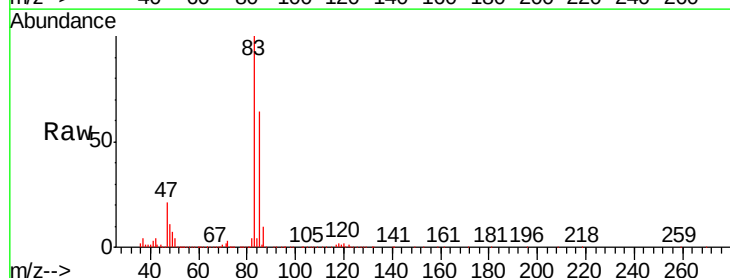
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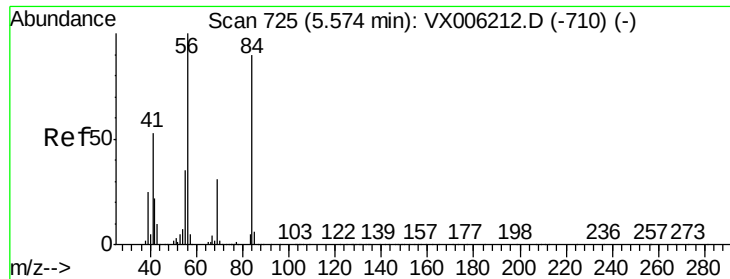
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#30
Chloroform
Concen: 20.326 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.00 min
Lab File: VX006274.D
Acq: 04 Dec 2018 13:22

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.5	50.3	75.5





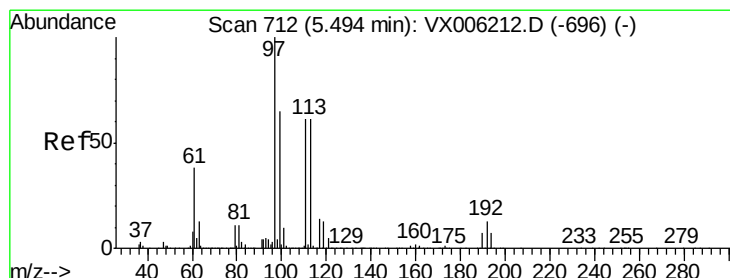
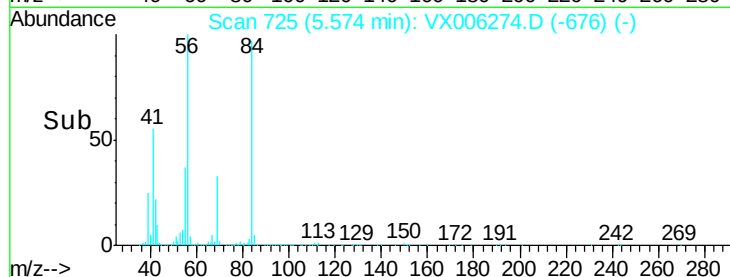
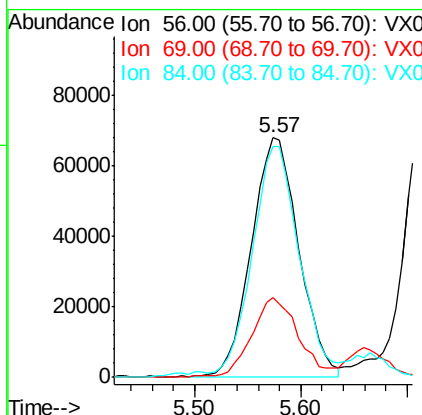
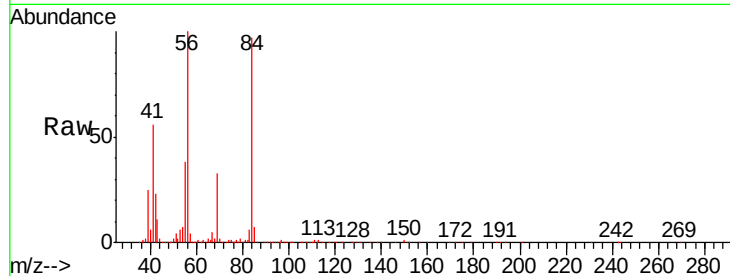
#31
Cyclohexane
Concen: 19.260 ug/l
RT: 5.57 min Scan# 725
Delta R.T. 0.00 min
Lab File: VX006274.D
Acq: 04 Dec 2018 13:22

Instrument :
MSVOA_X
ClientSampleId :
VX1204WBS01

Tgt Ion	Ratio	Lower	Upper
56	100		
69	32.9	24.5	36.7
84	95.5	71.8	107.6

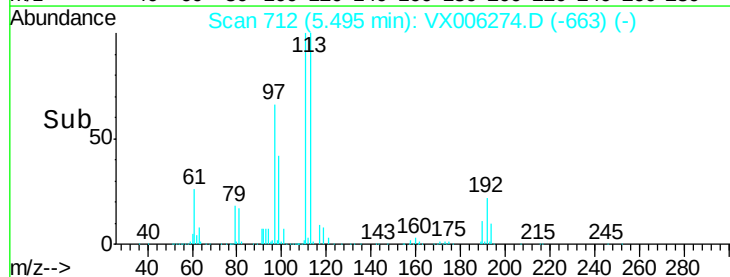
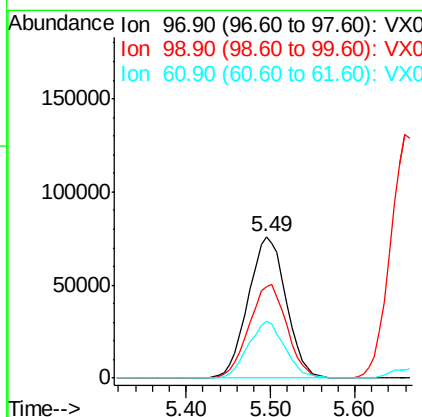
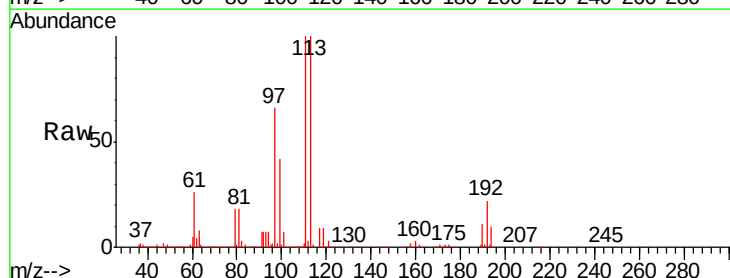
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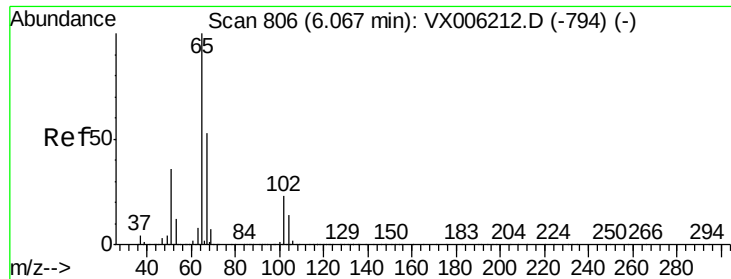
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#32
1,1,1-Trichloroethane
Concen: 19.690 ug/l
RT: 5.49 min Scan# 712
Delta R.T. 0.00 min
Lab File: VX006274.D
Acq: 04 Dec 2018 13:22

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.9	51.6	77.4
61	38.8	30.6	46.0





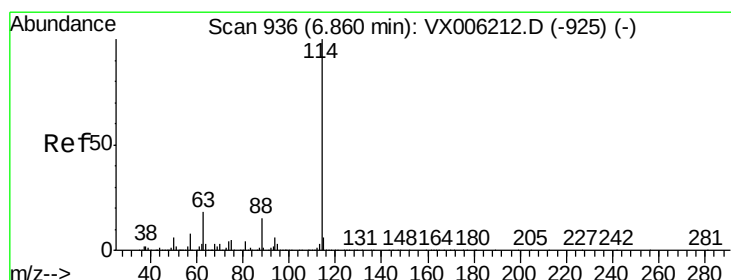
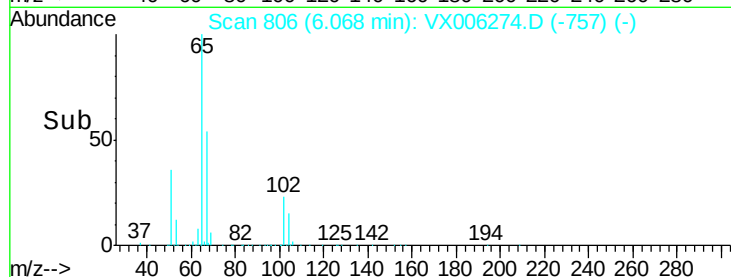
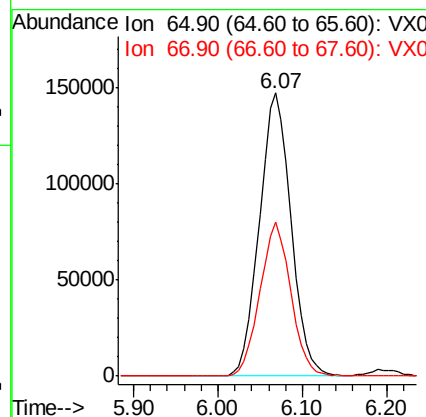
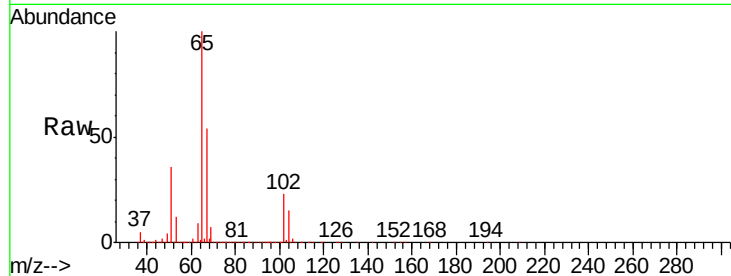
#33
 1,2-Dichloroethane-d4
 Concen: 49.854 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX006274.D
 Acq: 04 Dec 2018 13:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1204WBS01

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	378394		
67	52.9	0.0	107.2	

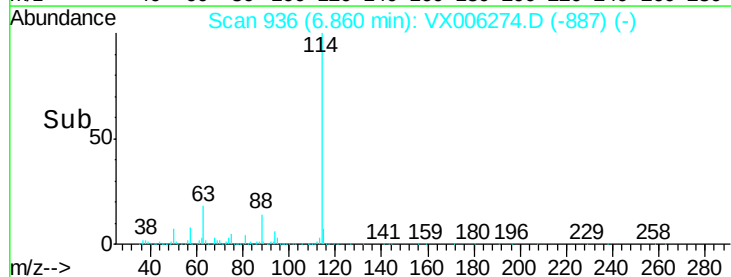
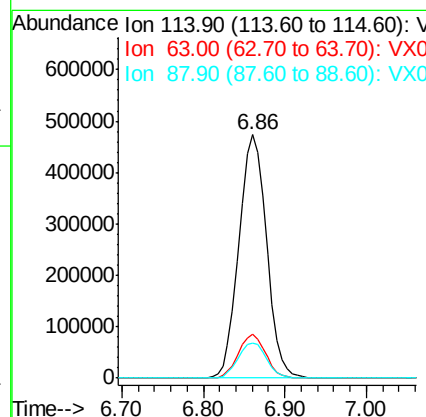
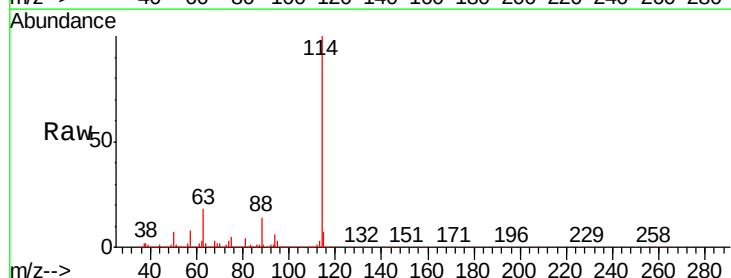
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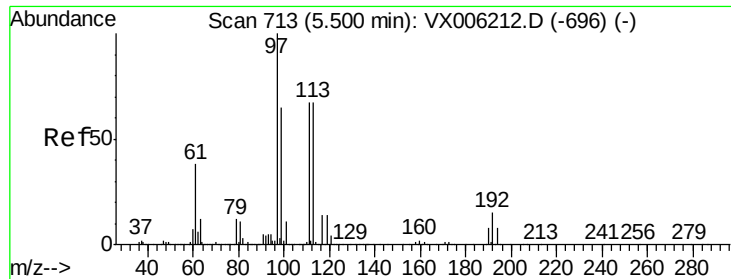
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX006274.D
 Acq: 04 Dec 2018 13:22

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	1111272		
63	17.9	0.0	36.6	
88	14.5	0.0	29.0	





#35

Dibromofluoromethane

Concen: 50.167 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX006274.D

Acq: 04 Dec 2018 13:22

Instrument :

MSVOA_X

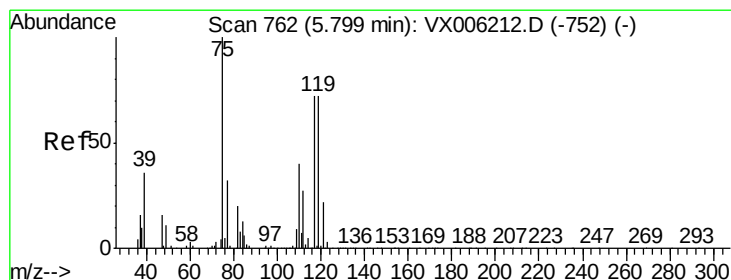
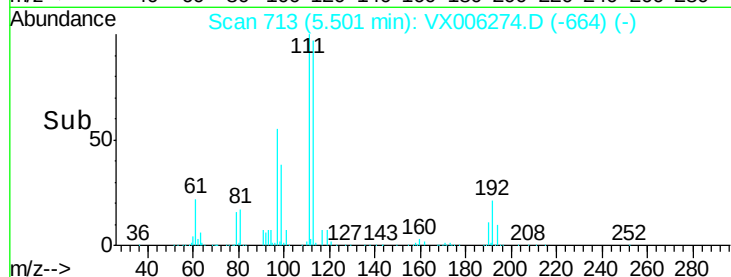
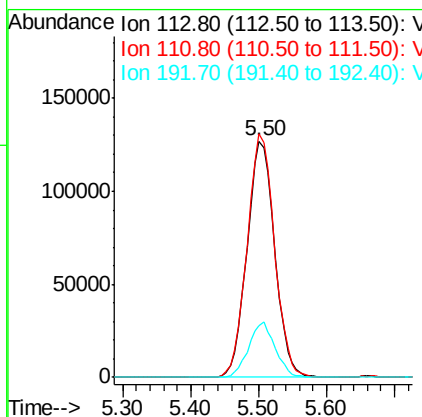
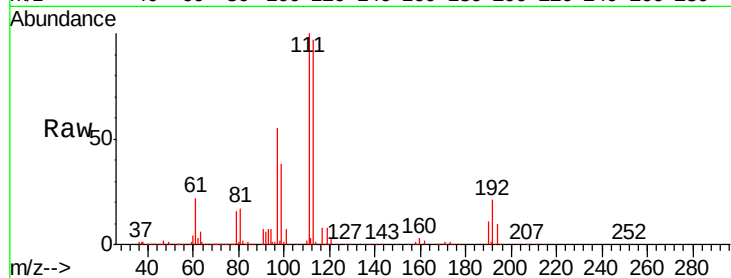
ClientSampleId :

VX1204WBS01

Tgt Ion:	113	Resp:	360955
Ion Ratio	Lower	Upper	
113	100		
111	102.0	81.1	121.7
192	22.5	18.2	27.2

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#36

1,1-Dichloropropene

Concen: 19.539 ug/l

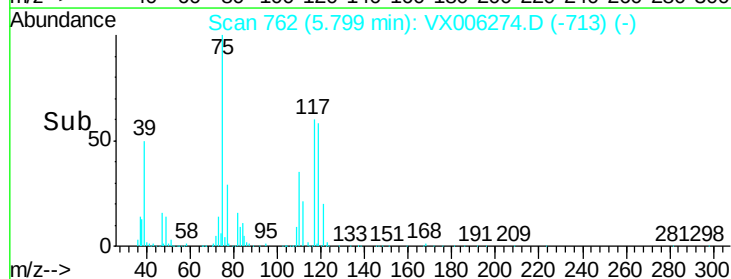
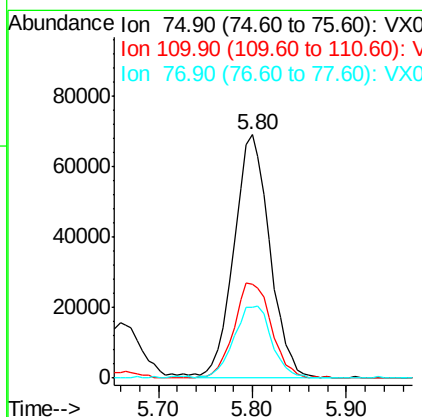
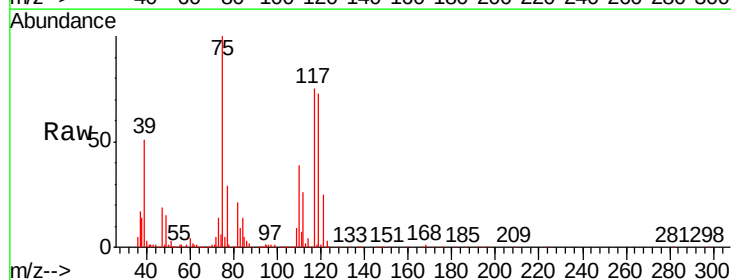
RT: 5.80 min Scan# 762

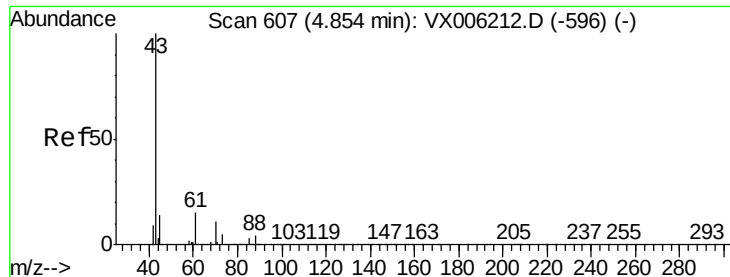
Delta R.T. 0.00 min

Lab File: VX006274.D

Acq: 04 Dec 2018 13:22

Tgt Ion:	75	Resp:	182844
Ion Ratio	Lower	Upper	
75	100		
110	40.9	20.4	61.3
77	30.8	24.9	37.3





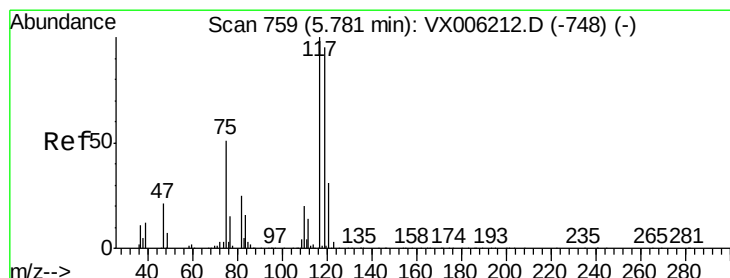
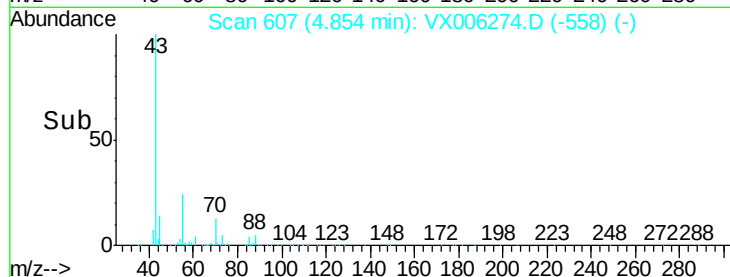
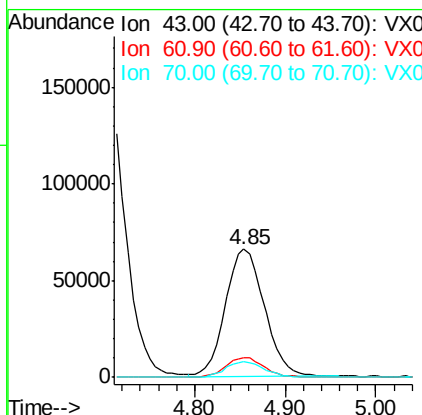
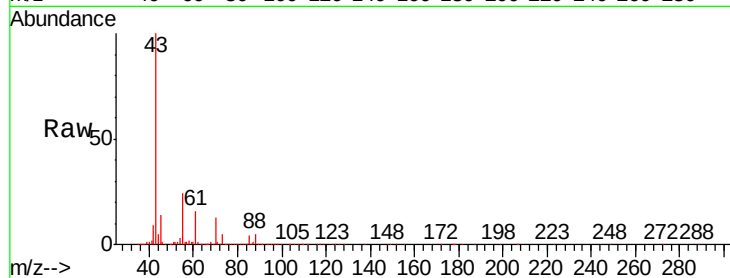
#37
Ethyl Acetate
Concen: 18.716 ug/l
RT: 4.85 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX006274.D
Acq: 04 Dec 2018 13:22

Instrument :
MSVOA_X
ClientSampleId :
VX1204WBS01

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	196136		
61	15.1		11.5	17.3
70	12.3		9.0	13.6

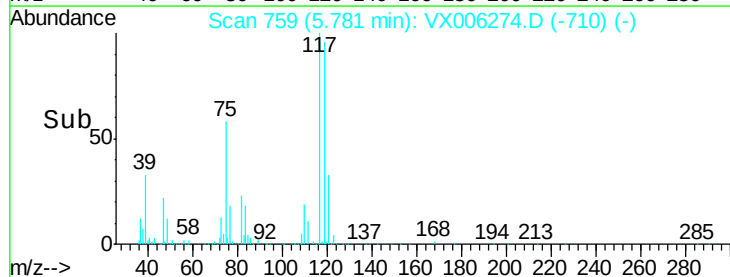
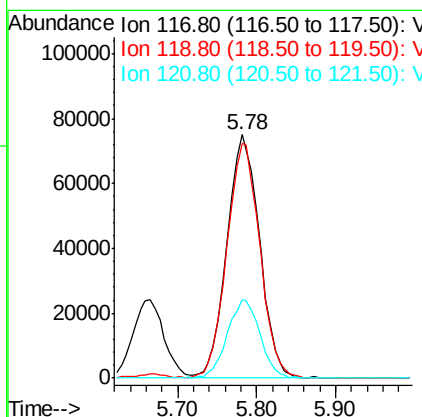
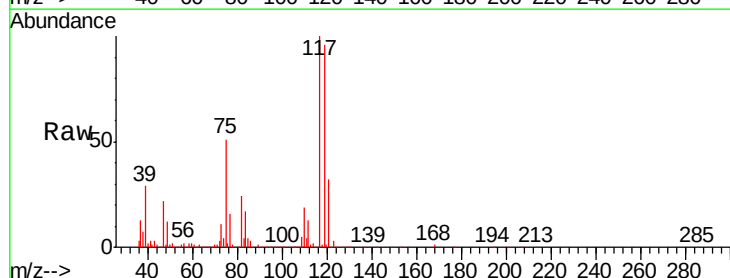
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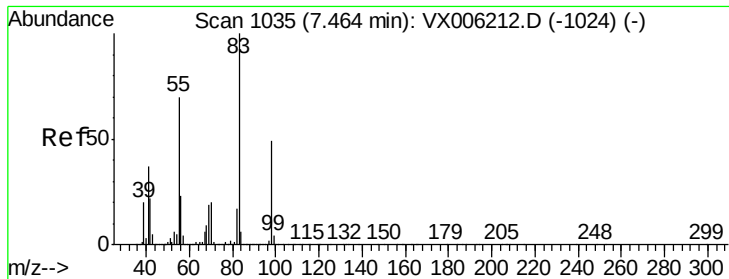
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#38
Carbon Tetrachloride
Concen: 19.581 ug/l
RT: 5.78 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX006274.D
Acq: 04 Dec 2018 13:22

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	215569		
119	96.2		75.8	113.8
121	32.1		24.6	37.0





#39

Methylcyclohexane

Concen: 19.586 ug/l

RT: 7.46 min Scan# 1034

Delta R.T. -0.01 min

Lab File: VX006274.D

Acq: 04 Dec 2018 13:22

Instrument :

MSVOA_X

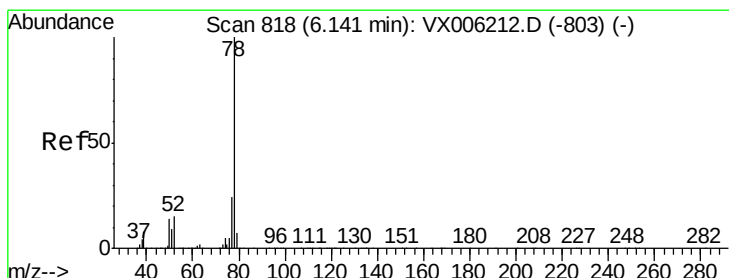
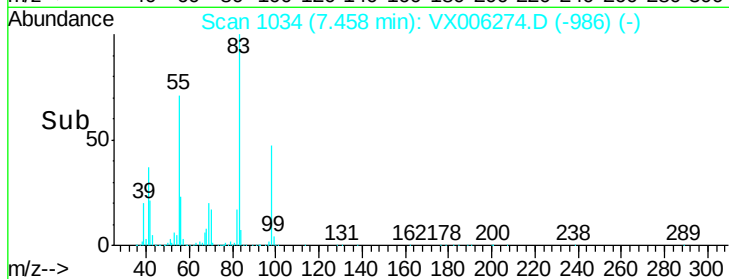
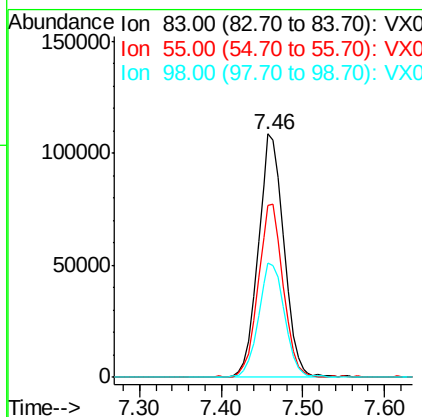
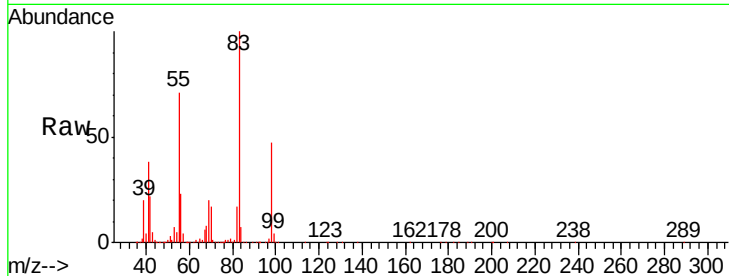
ClientSampleId :

VX1204WBS01

Tgt Ion:	83	Resp:	237918
Ion Ratio	Lower	Upper	
83	100		
55	70.5	56.4	84.6
98	47.0	39.0	58.6

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#40

Benzene

Concen: 19.967 ug/l

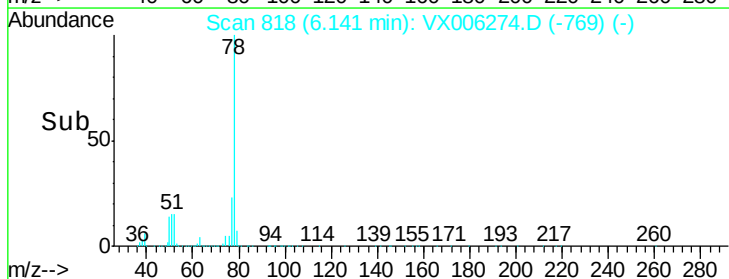
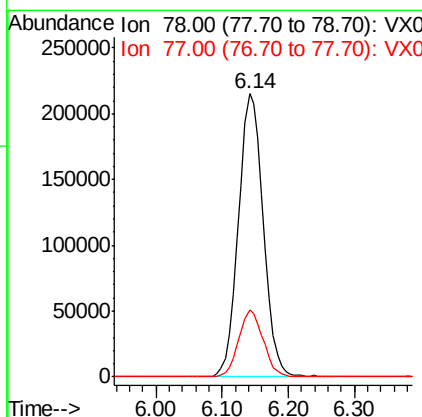
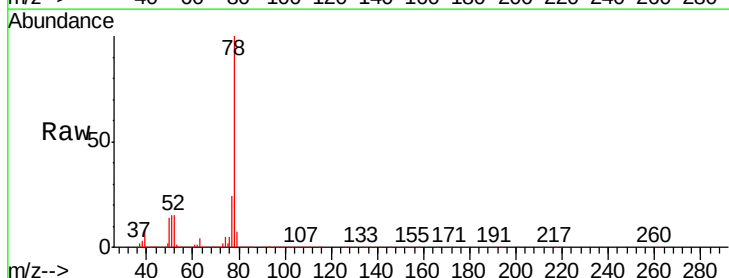
RT: 6.14 min Scan# 818

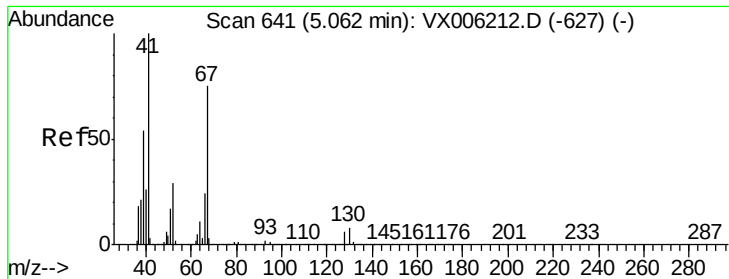
Delta R.T. 0.00 min

Lab File: VX006274.D

Acq: 04 Dec 2018 13:22

Tgt Ion:	78	Resp:	559647
Ion Ratio	Lower	Upper	
78	100		
77	23.5	19.2	28.8





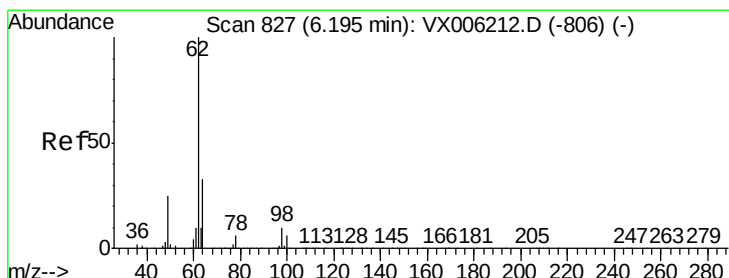
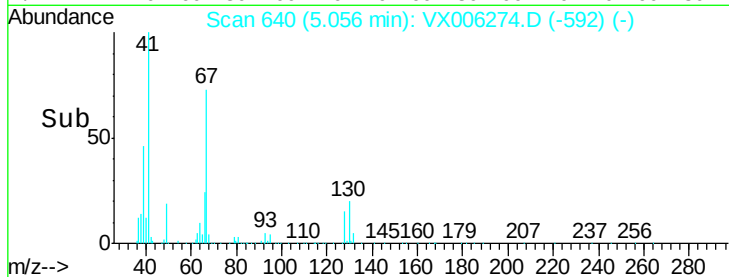
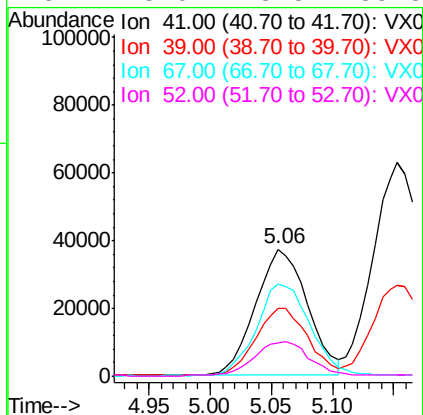
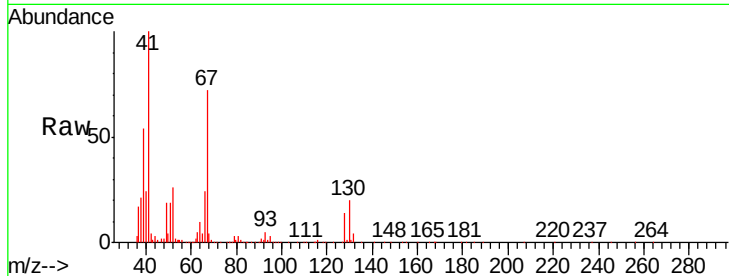
#41
Methacrylonitrile
Concen: 19.013 ug/l
RT: 5.06 min Scan# 640
Delta R.T. -0.01 min
Lab File: VX006274.D
Acq: 04 Dec 2018 13:22

Instrument :
MSVOA_X
ClientSampleId :
VX1204WBS01

Tgt Ion	Ratio	Lower	Upper
41	100		
39	53.8	44.0	66.0
67	75.4	61.4	92.0
52	28.0	23.5	35.3

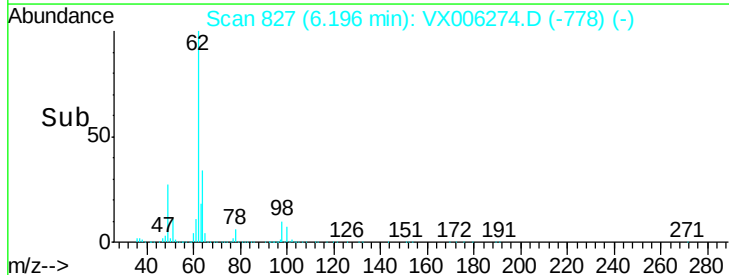
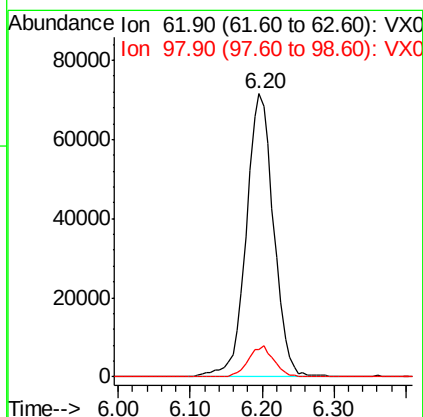
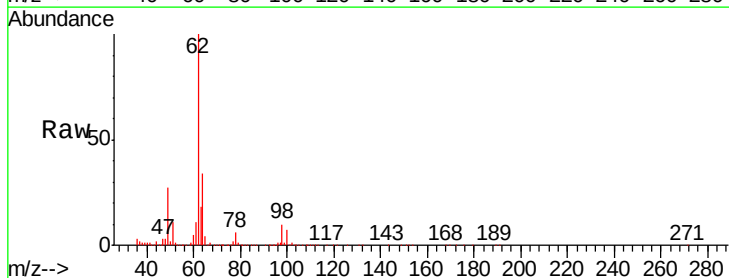
Manual Integrations
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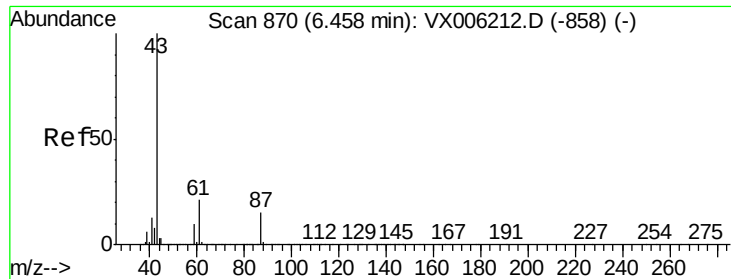
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#42
1,2-Dichloroethane
Concen: 20.382 ug/l
RT: 6.20 min Scan# 827
Delta R.T. 0.00 min
Lab File: VX006274.D
Acq: 04 Dec 2018 13:22

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.4	0.0	20.2





#43

Isopropyl Acetate

Concen: 18.823 ug/l

RT: 6.46 min Scan# 870

Delta R.T. 0.00 min

Lab File: VX006274.D

Acq: 04 Dec 2018 13:22

Instrument :

MSVOA_X

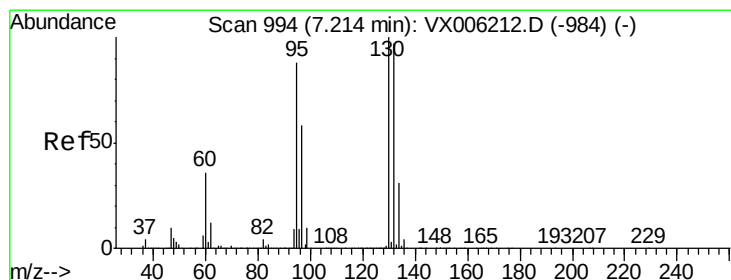
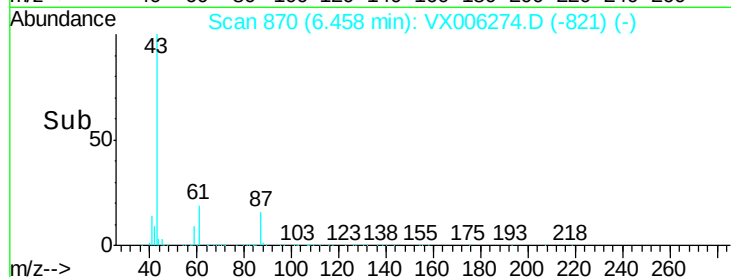
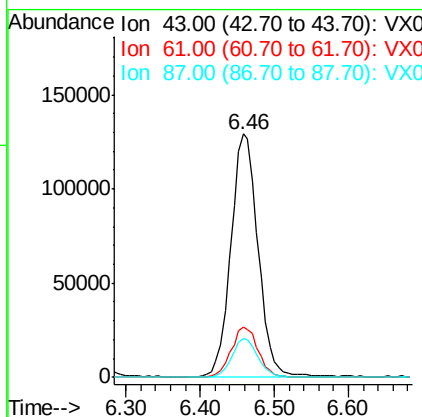
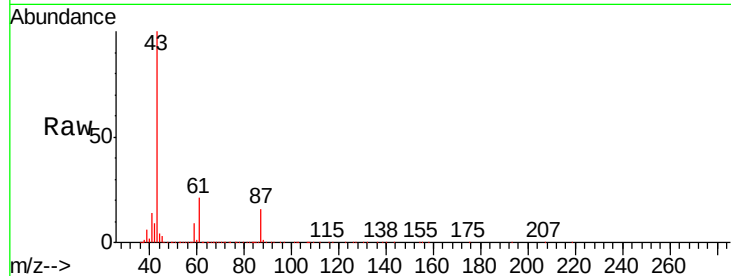
ClientSampleId :

VX1204WBS01

Tgt Ion:	43	Resp:	328892
Ion	Ratio	Lower	Upper
43	100		
61	20.7	16.8	25.2
87	15.5	11.9	17.9

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#44

Trichloroethene

Concen: 19.824 ug/l

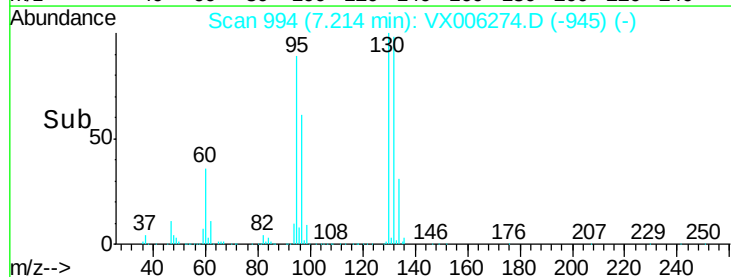
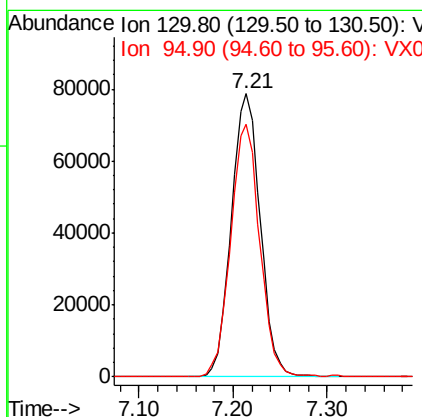
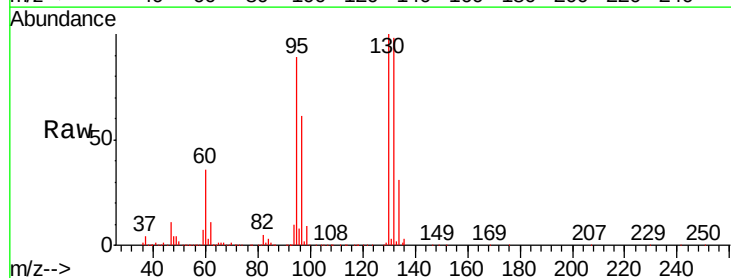
RT: 7.21 min Scan# 994

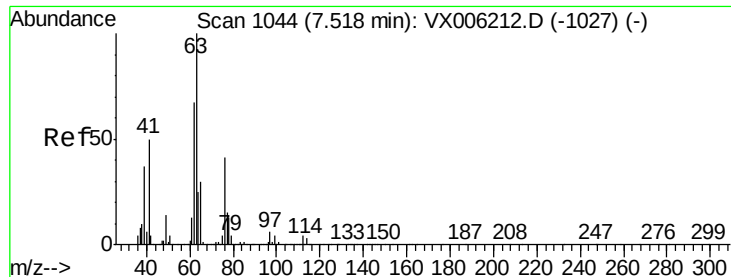
Delta R.T. 0.00 min

Lab File: VX006274.D

Acq: 04 Dec 2018 13:22

Tgt Ion:	130	Resp:	168322
Ion	Ratio	Lower	Upper
130	100		
95	89.3	0.0	175.8





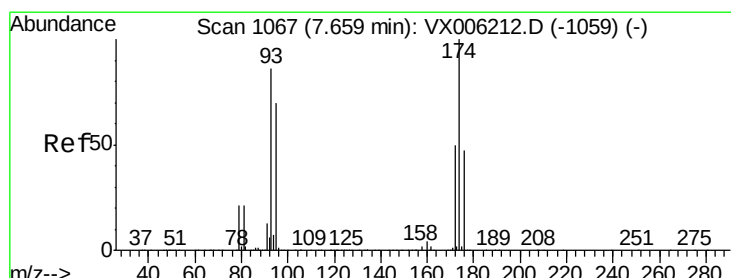
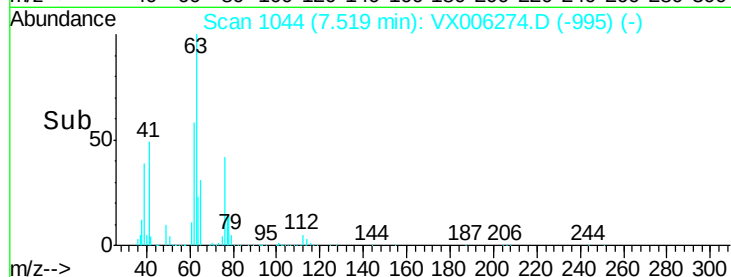
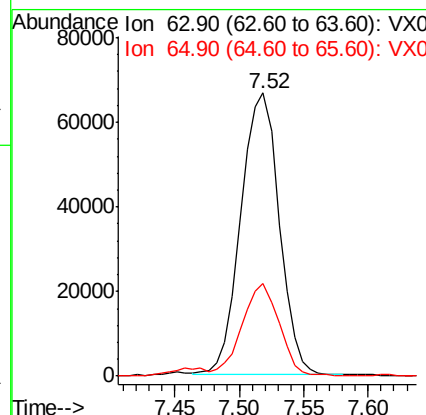
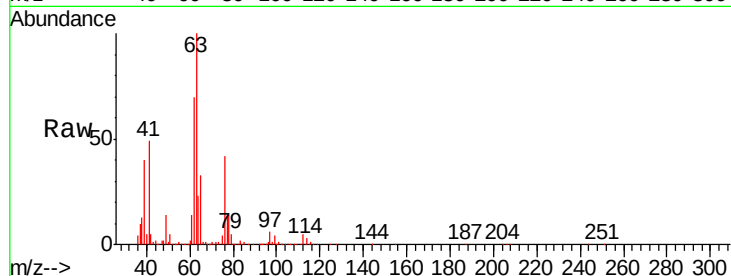
#45
 1,2-Dichloropropane
 Concen: 19.380 ug/l
 RT: 7.52 min Scan# 1044
 Delta R.T. 0.00 min
 Lab File: VX006274.D
 Acq: 04 Dec 2018 13:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1204WBS01

Tgt Ion	Ratio	Lower	Upper
63	100		
65	32.8	24.3	36.5

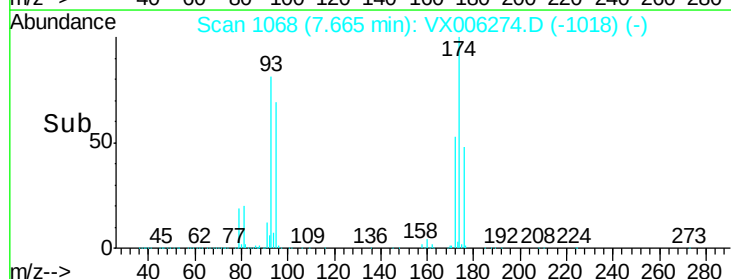
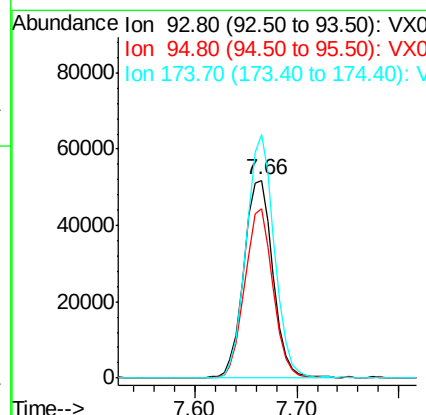
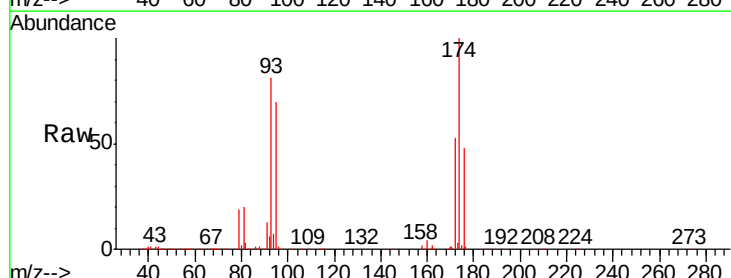
Manual Integrations
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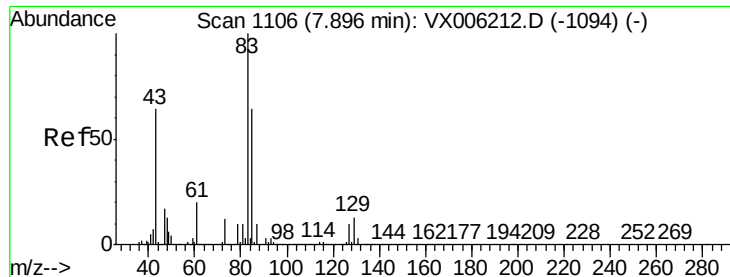
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 12/5/2018 10:11:31 AM



#46
 Dibromomethane
 Concen: 19.891 ug/l
 RT: 7.66 min Scan# 1068
 Delta R.T. 0.01 min
 Lab File: VX006274.D
 Acq: 04 Dec 2018 13:22

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.7	66.2	99.4
174	119.9	97.2	145.8





#47

Bromodichloromethane

Concen: 19.882 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX006274.D

Acq: 04 Dec 2018 13:22

Instrument :

MSVOA_X

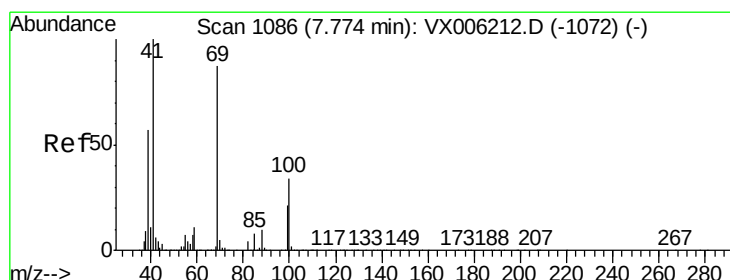
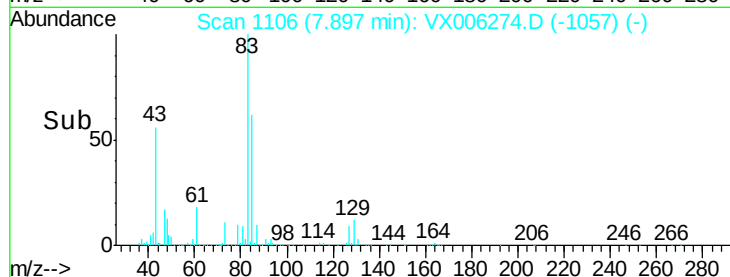
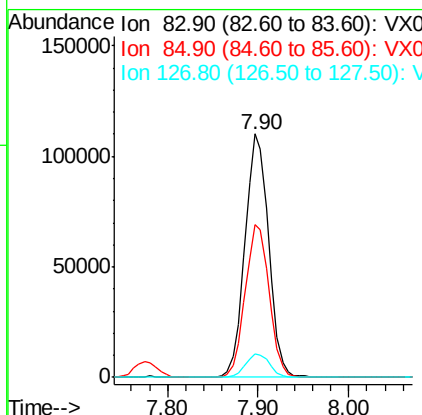
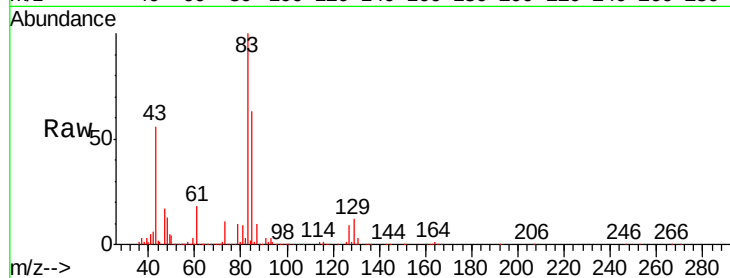
ClientSampled :

VX1204WBS01

Tgt Ion:	83	Resp:	198077
Ion Ratio	Lower	Upper	
83	100		
85	62.5	51.4	77.0
127	9.5	7.9	11.9

Manual Integrations
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#48

Methyl methacrylate

Concen: 18.882 ug/l

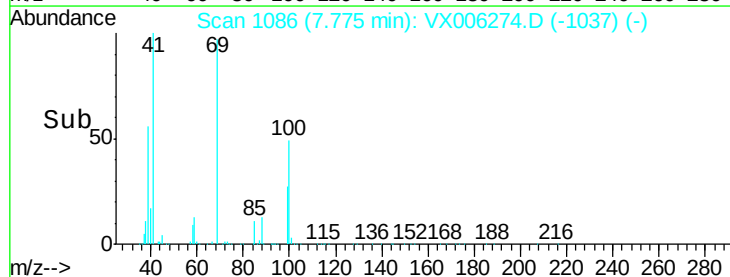
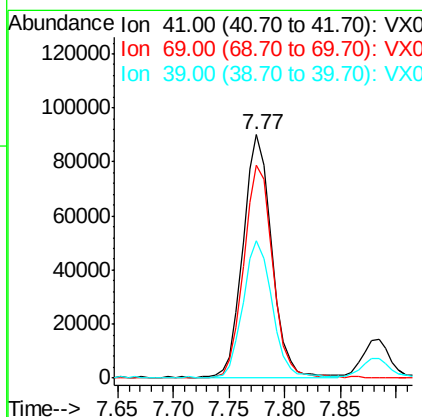
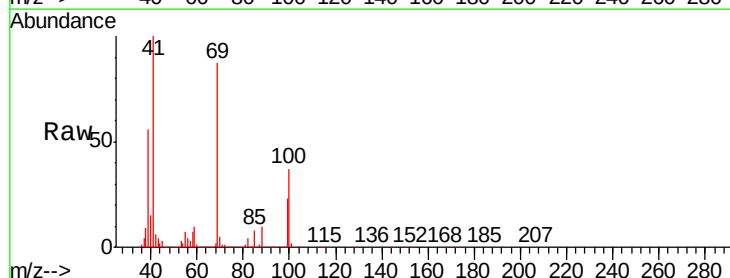
RT: 7.77 min Scan# 1086

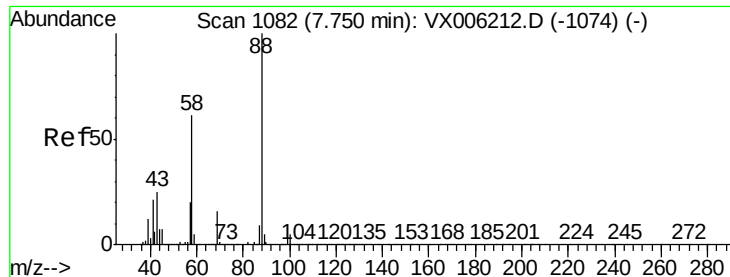
Delta R.T. 0.00 min

Lab File: VX006274.D

Acq: 04 Dec 2018 13:22

Tgt Ion:	41	Resp:	160501
Ion Ratio	Lower	Upper	
41	100		
69	89.3	70.3	105.5
39	57.1	45.3	67.9





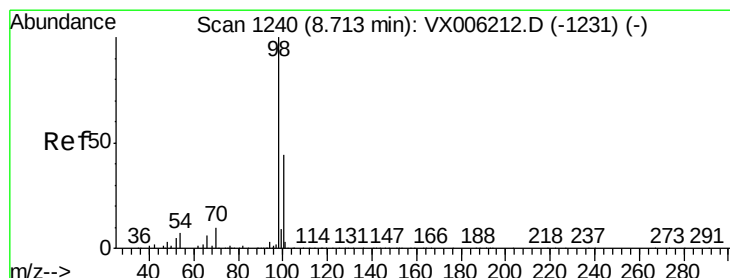
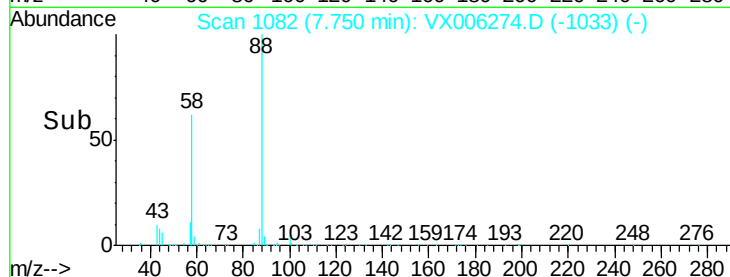
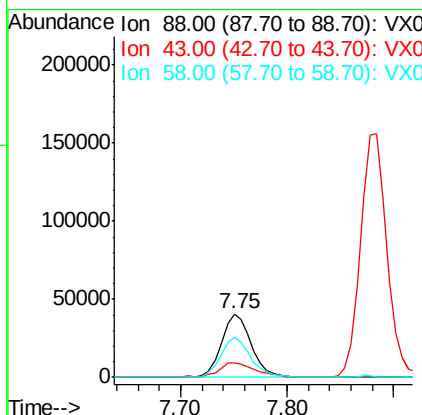
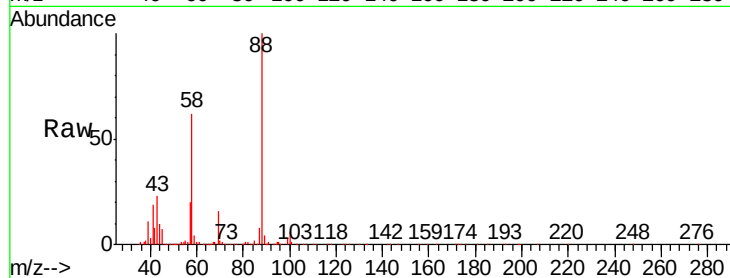
#49
1,4-Dioxane
Concen: 379.020 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. 0.00 min
Lab File: VX006274.D
Acq: 04 Dec 2018 13:22

Instrument :
MSVOA_X
ClientSampleId :
VX1204WBS01

Tgt Ion	Ratio	Lower	Upper
88	100		
43	27.3	23.2	34.8
58	62.1	51.4	77.0

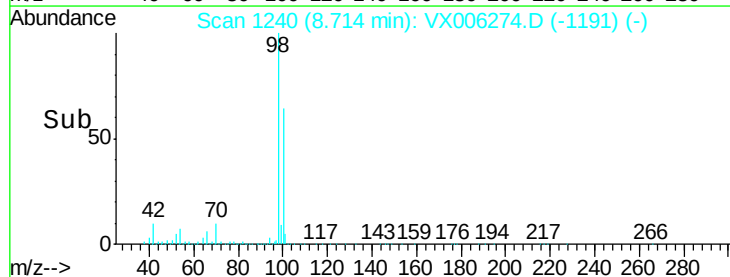
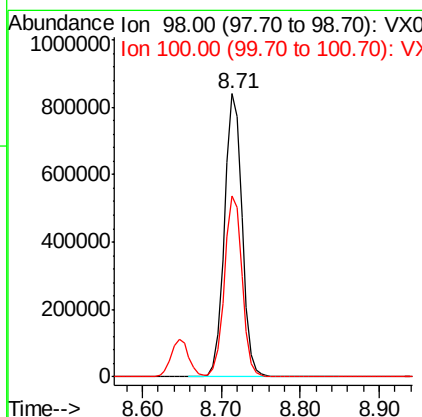
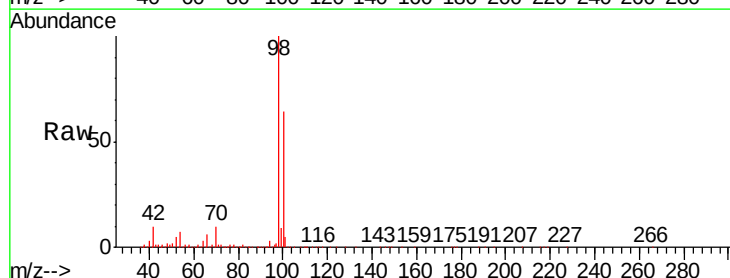
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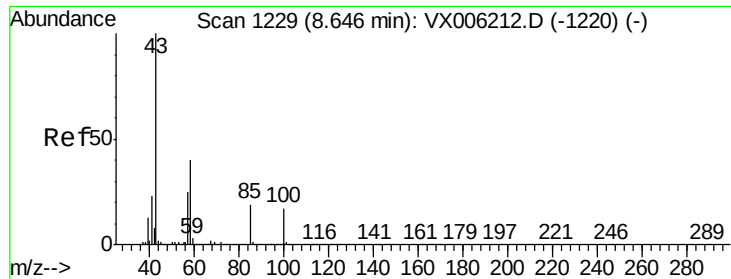
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#50
Toluene-d8
Concen: 49.650 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX006274.D
Acq: 04 Dec 2018 13:22

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.4	52.2	78.2





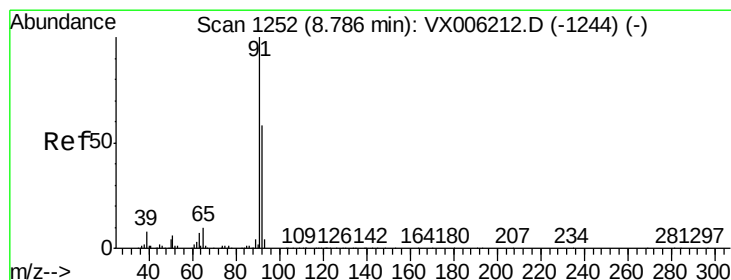
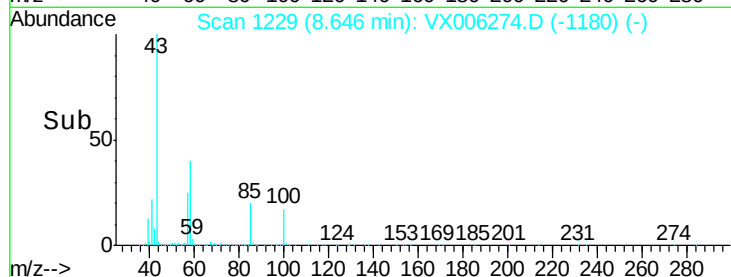
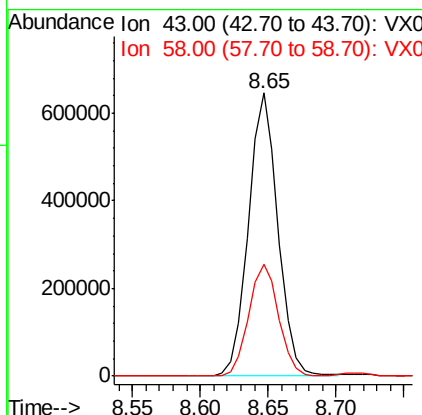
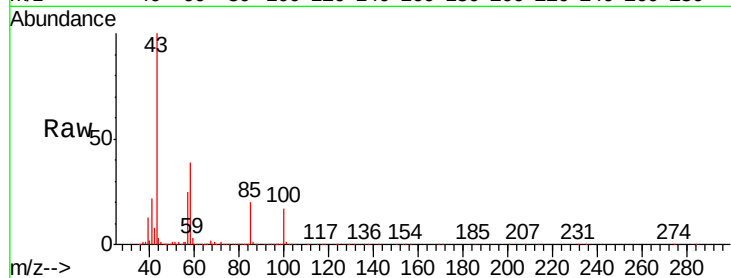
#51
 4-Methyl-2-Pentanone
 Concen: 96.063 ug/l
 RT: 8.65 min Scan# 1229
 Delta R.T. 0.00 min
 Lab File: VX006274.D
 Acq: 04 Dec 2018 13:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1204WBS01

Tgt Ion: 43 Resp: 977123
 Ion Ratio Lower Upper
 43 100
 58 40.5 31.3 46.9

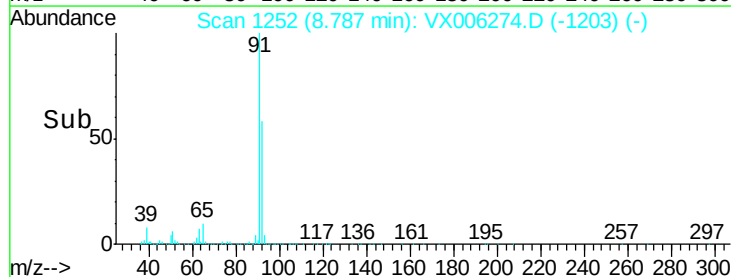
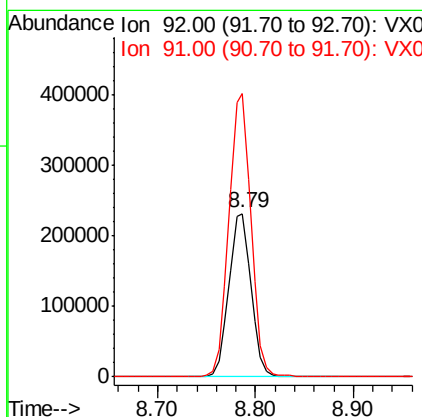
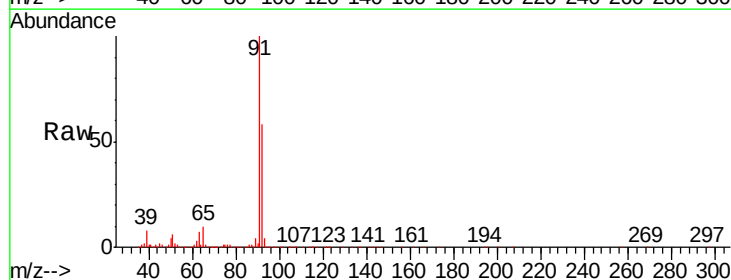
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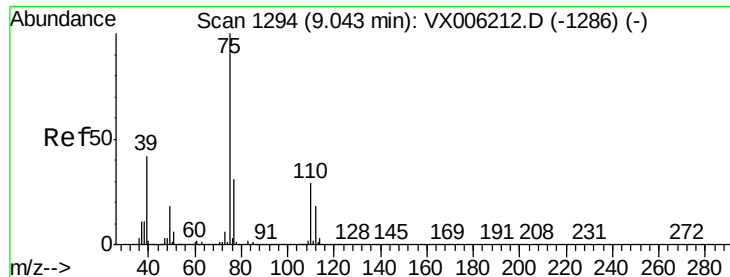
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#52
 Toluene
 Concen: 19.785 ug/l
 RT: 8.79 min Scan# 1252
 Delta R.T. 0.00 min
 Lab File: VX006274.D
 Acq: 04 Dec 2018 13:22

Tgt Ion: 92 Resp: 364824
 Ion Ratio Lower Upper
 92 100
 91 173.1 139.2 208.8





#53

t-1,3-Dichloropropene

Concen: 18.850 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX006274.D

Acq: 04 Dec 2018 13:22

Instrument :

MSVOA_X

ClientSampleId :

VX1204WBS01

Tgt Ion: 75 Resp: 219633

Ion Ratio Lower Upper

75 100

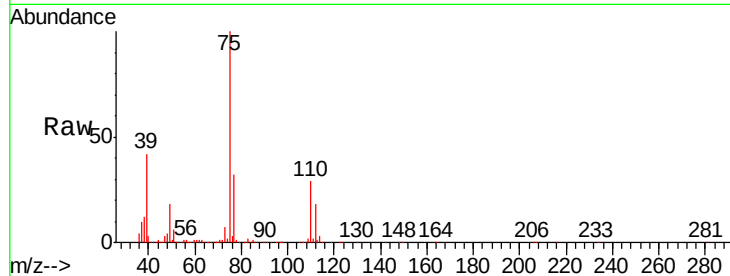
77 31.6 25.0 37.4

Manual Integrations

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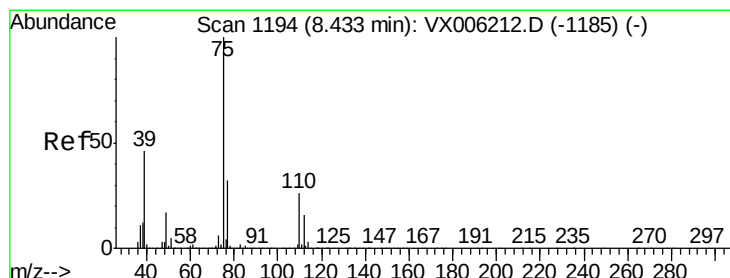
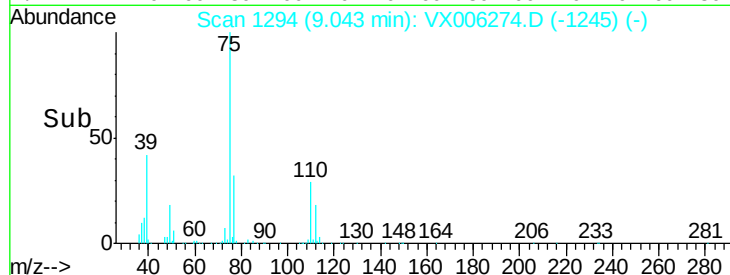
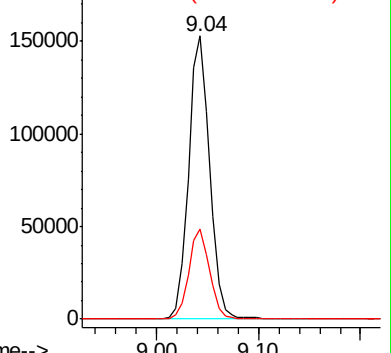
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Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 19.296 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. 0.00 min

Lab File: VX006274.D

Acq: 04 Dec 2018 13:22

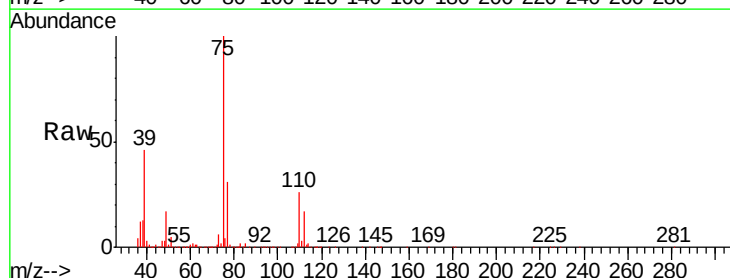
Tgt Ion: 75 Resp: 233454

Ion Ratio Lower Upper

75 100

77 30.8 25.6 38.4

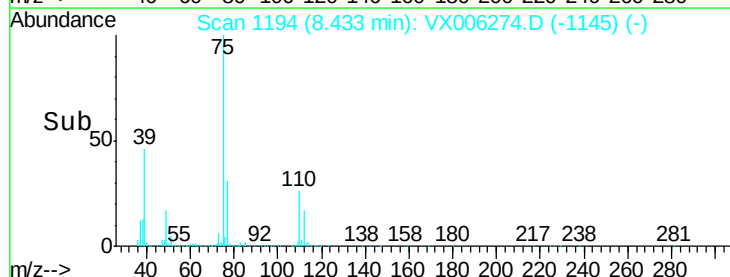
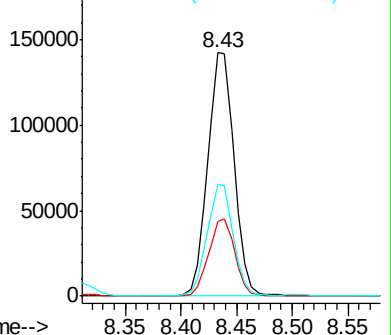
39 46.0 36.5 54.7

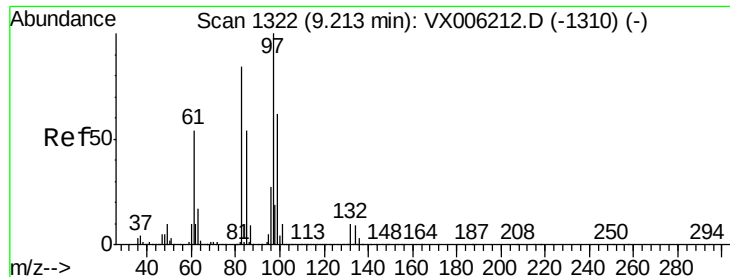


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0





#55

1,1,2-Trichloroethane

Concen: 20.453 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VX006274.D

Acq: 04 Dec 2018 13:22

Instrument :

MSVOA_X

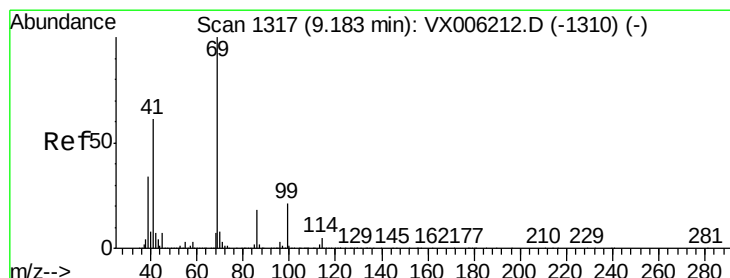
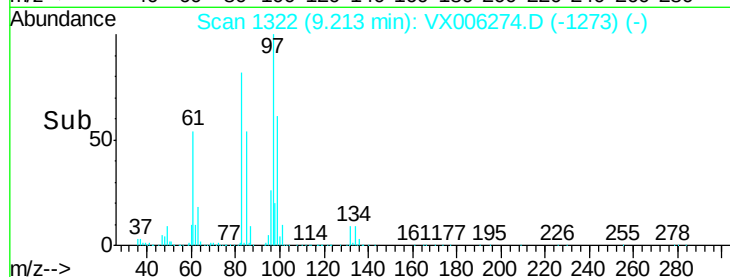
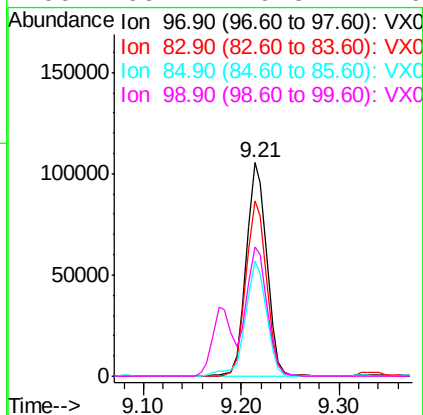
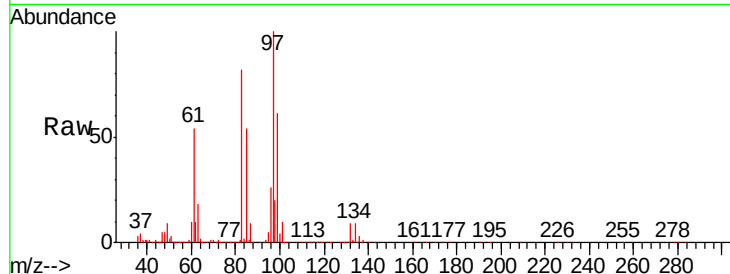
ClientSampleId :

VX1204WBS01

Tgt Ion:	97	Resp:	153215
Ion	Ratio	Lower	Upper
97	100		
83	81.9	67.1	100.7
85	53.8	43.2	64.8
99	60.7	49.8	74.6

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#56

Ethyl methacrylate

Concen: 19.296 ug/l

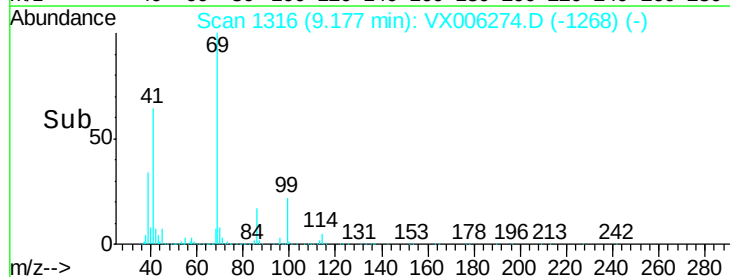
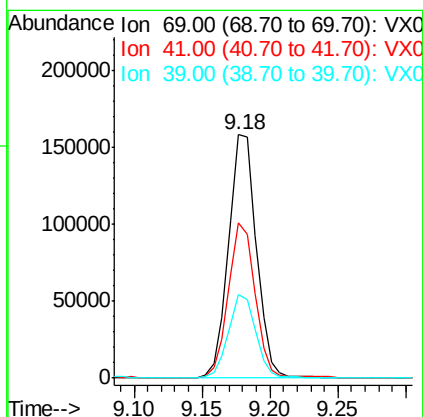
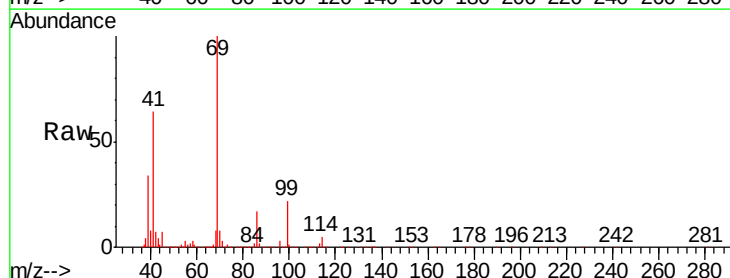
RT: 9.18 min Scan# 1316

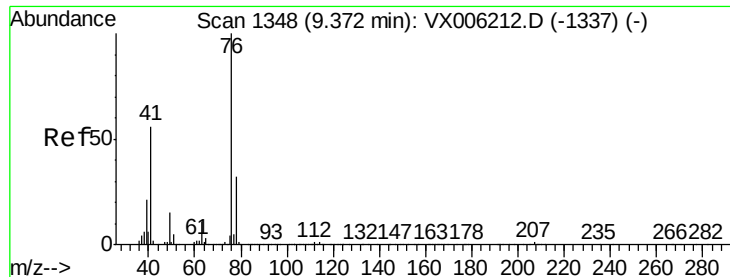
Delta R.T. -0.01 min

Lab File: VX006274.D

Acq: 04 Dec 2018 13:22

Tgt Ion:	69	Resp:	225979
Ion	Ratio	Lower	Upper
69	100		
41	61.4	50.6	76.0
39	33.5	27.6	41.4





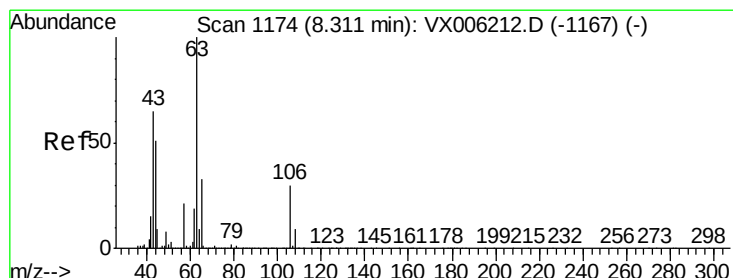
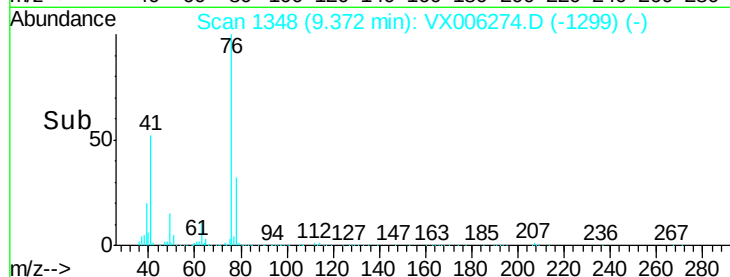
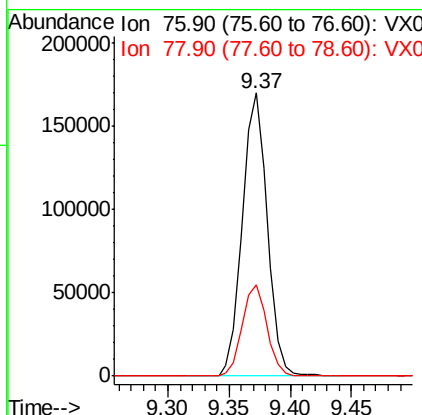
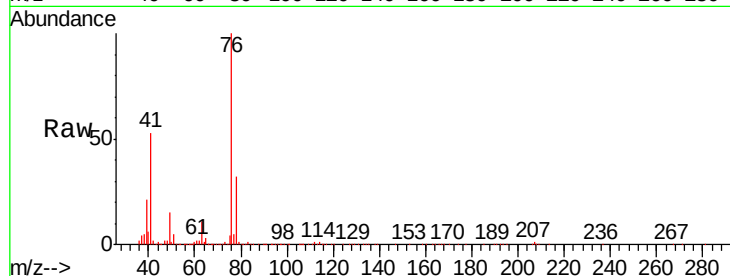
#57
 1,3-Dichloropropane
 Concen: 20.220 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. 0.00 min
 Lab File: VX006274.D
 Acq: 04 Dec 2018 13:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1204WBS01

Tgt Ion: 76 Resp: 239519
 Ion Ratio Lower Upper
 76 100
 78 32.2 26.1 39.1

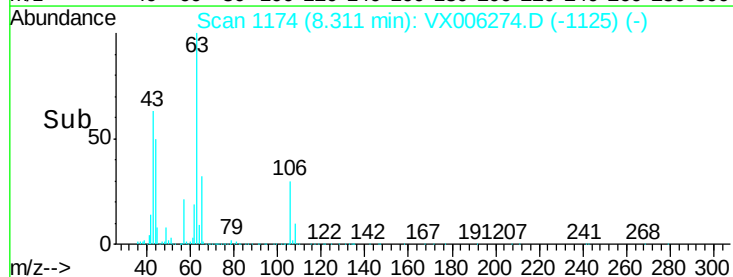
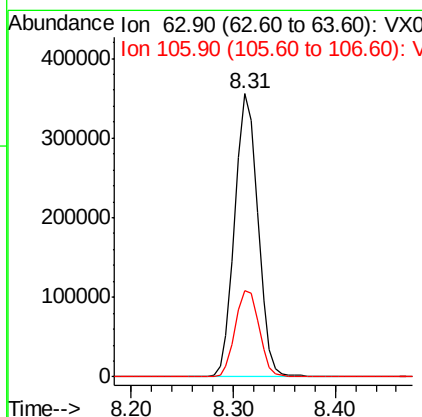
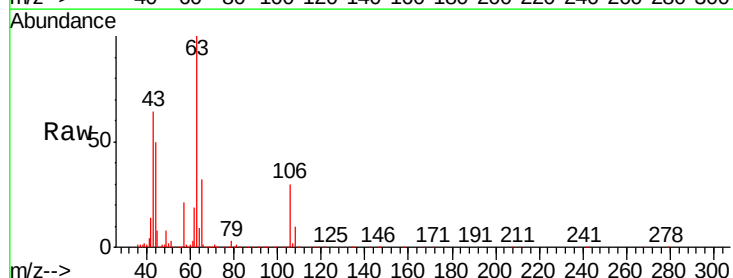
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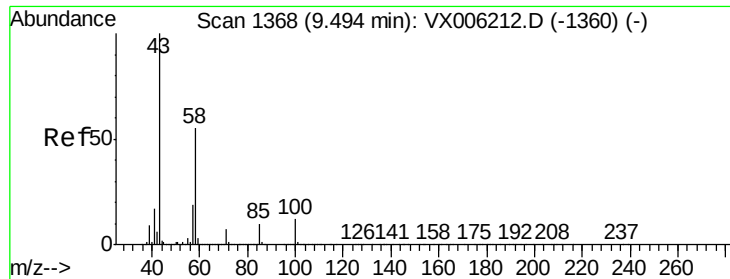
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#58
 2-Chloroethyl Vinyl ether
 Concen: 93.843 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: VX006274.D
 Acq: 04 Dec 2018 13:22

Tgt Ion: 63 Resp: 557695
 Ion Ratio Lower Upper
 63 100
 106 31.5 24.9 37.3





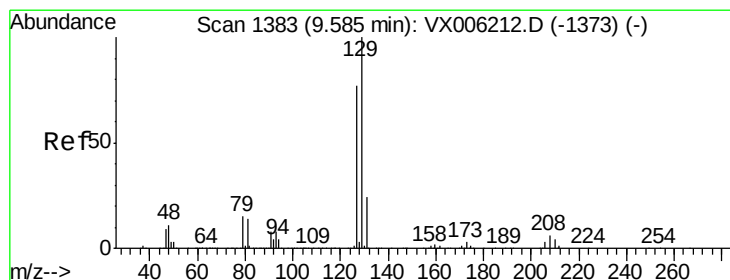
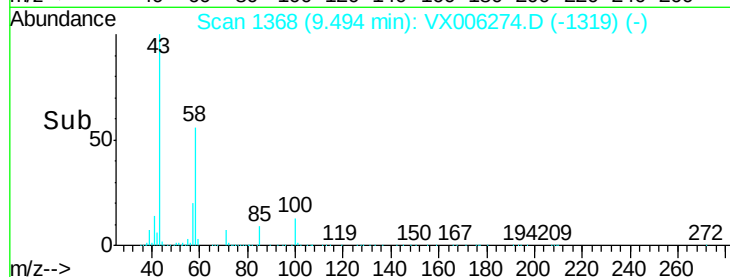
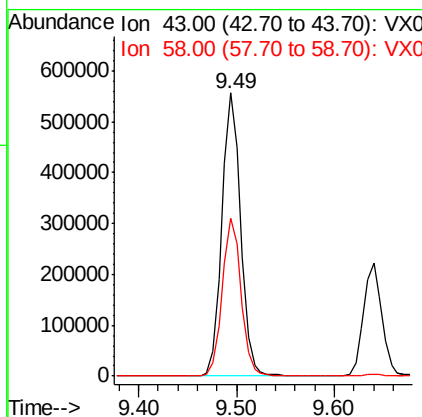
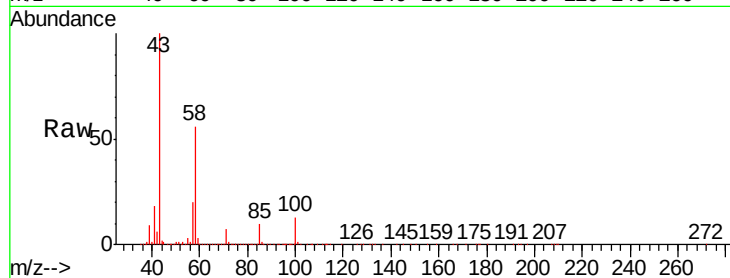
#59
2-Hexanone
Concen: 95.323 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VX006274.D
Acq: 04 Dec 2018 13:22

Instrument :
MSVOA_X
ClientSampleId :
VX1204WBS01

Tgt Ion: 43 Resp: 740773
Ion Ratio Lower Upper
43 100
58 56.1 27.7 83.1

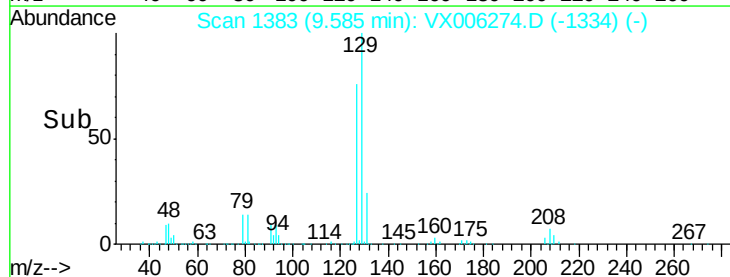
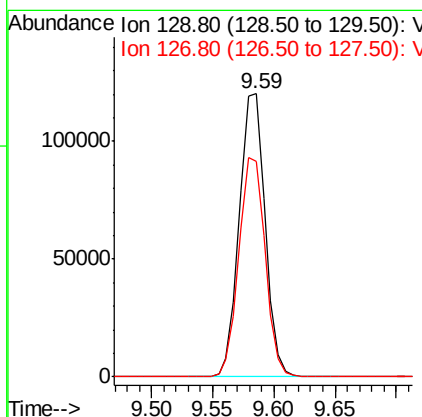
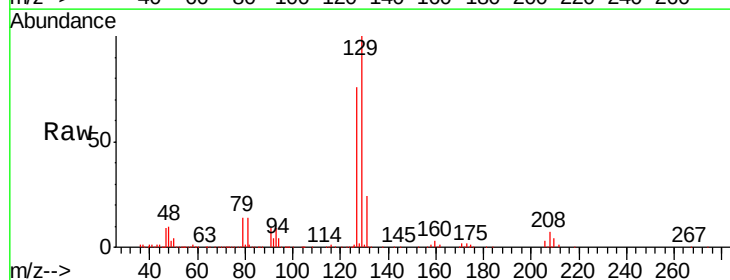
Manual Integrations
APPROVED

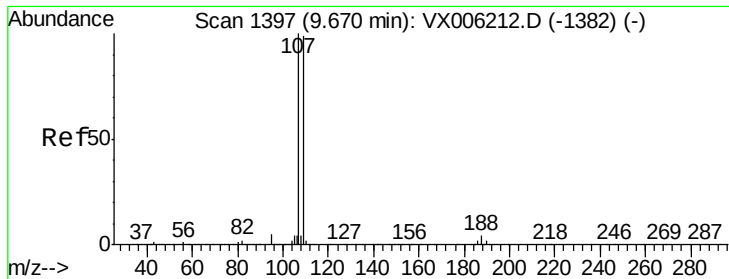
MMDadoda
12/5/2018 10:11:31 AM



#60
Dibromochloromethane
Concen: 19.079 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VX006274.D
Acq: 04 Dec 2018 13:22

Tgt Ion: 129 Resp: 176243
Ion Ratio Lower Upper
129 100
127 78.8 38.6 115.8





#61

1,2-Dibromoethane

Concen: 20.150 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX006274.D

Acq: 04 Dec 2018 13:22

Instrument :

MSVOA_X

ClientSampled :

VX1204WBS01

Tgt Ion: 107 Resp: 168784

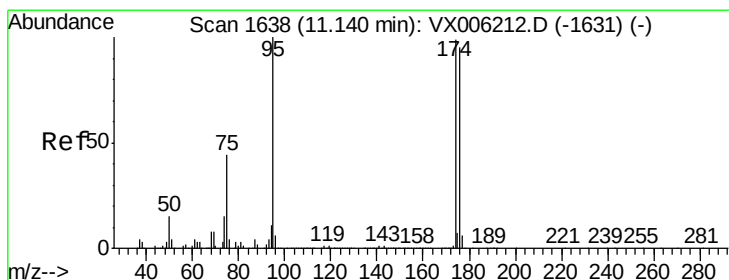
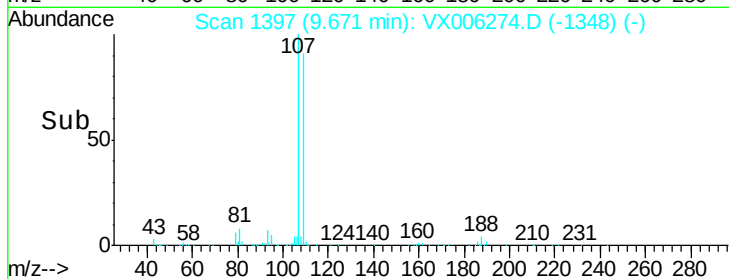
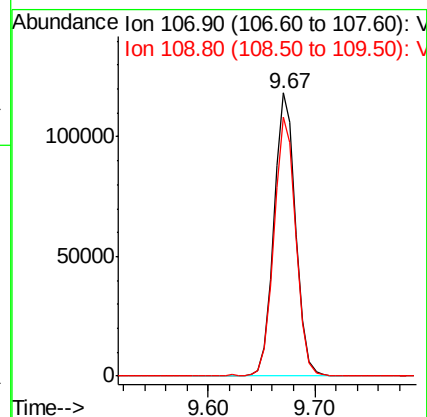
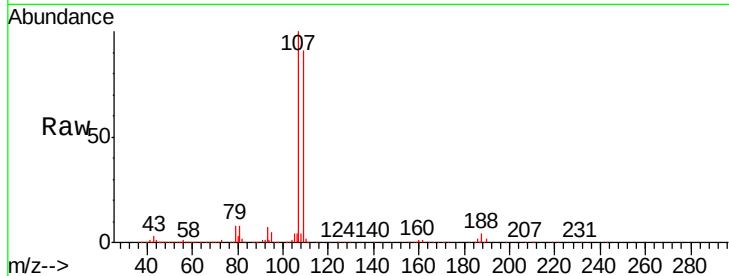
Ion Ratio Lower Upper

107 100

109 91.8 76.3 114.5

Manual Integrations
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12/5/2018 10:11:31 AM



#62

4-Bromofluorobenzene

Concen: 48.494 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.01 min

Lab File: VX006274.D

Acq: 04 Dec 2018 13:22

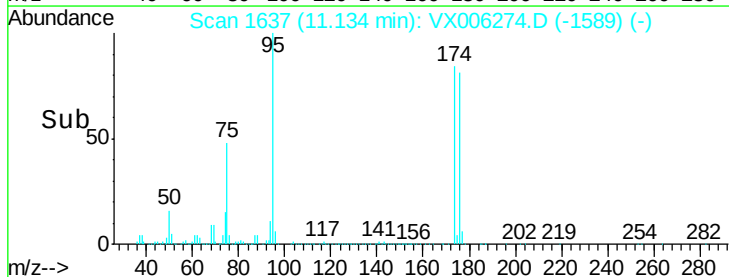
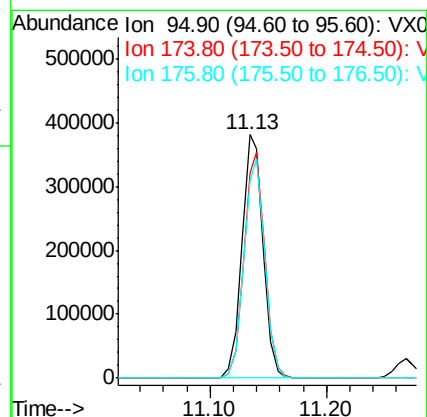
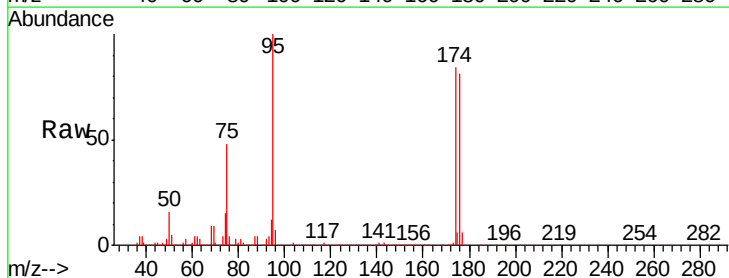
Tgt Ion: 95 Resp: 478254

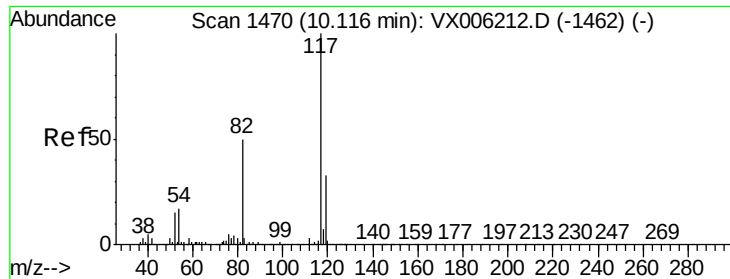
Ion Ratio Lower Upper

95 100

174 91.7 0.0 187.0

176 89.5 0.0 181.8





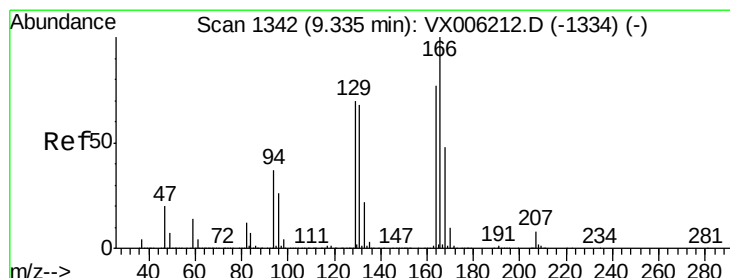
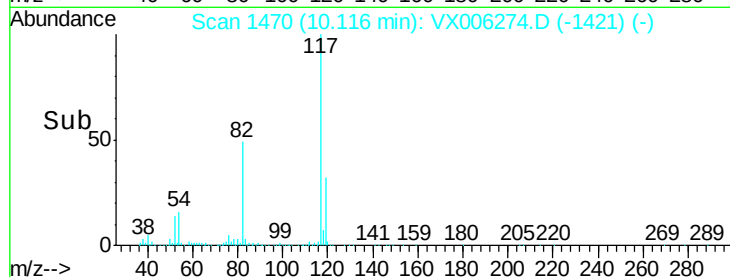
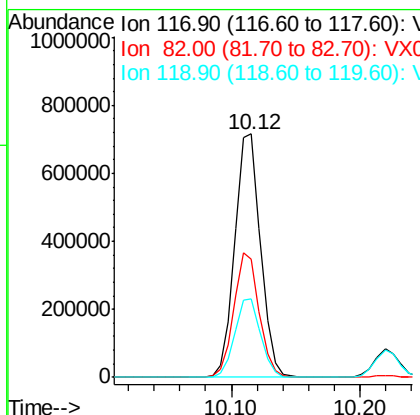
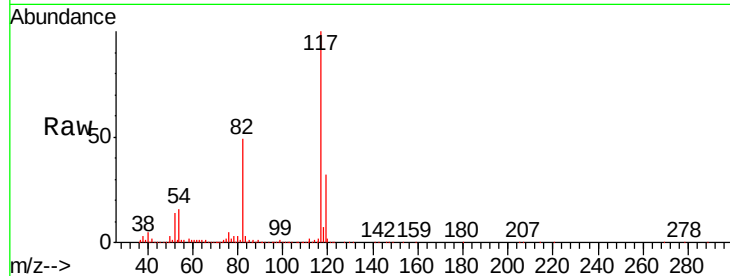
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX006274.D
Acq: 04 Dec 2018 13:22

Instrument :
MSVOA_X
ClientSampleId :
VX1204WBS01

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	999773		
82	48.5	39.6	59.4	
119	32.3	26.3	39.5	

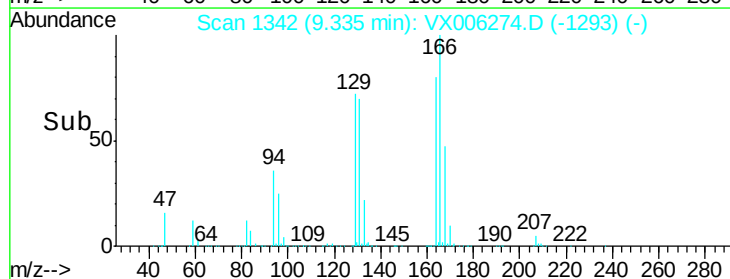
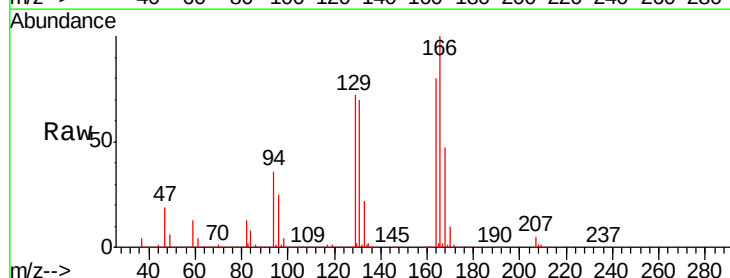
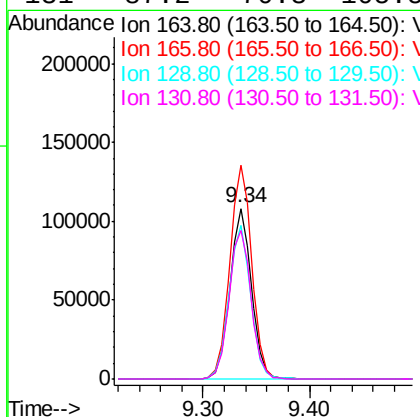
Manual Integrations
APPROVED

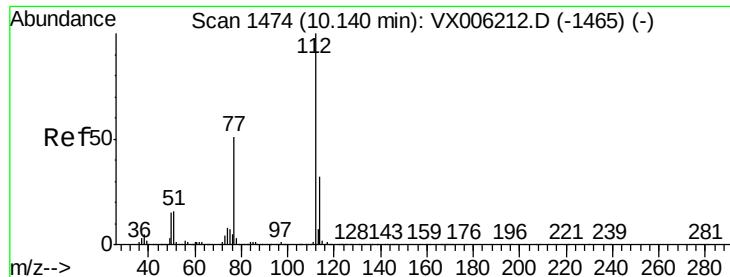
MMDadoda
12/5/2018 10:11:31 AM



#64
Tetrachloroethene
Concen: 20.394 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX006274.D
Acq: 04 Dec 2018 13:22

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	153547		
166	125.2	104.2	156.2	
129	89.8	72.6	108.8	
131	87.2	70.3	105.5	





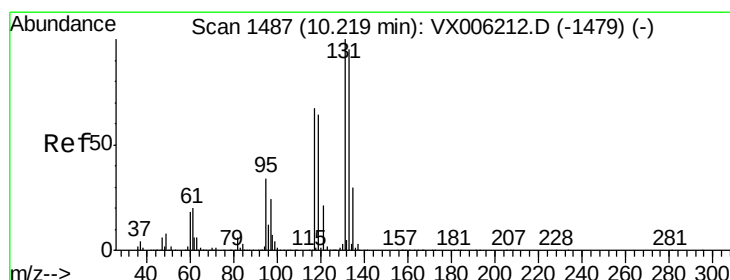
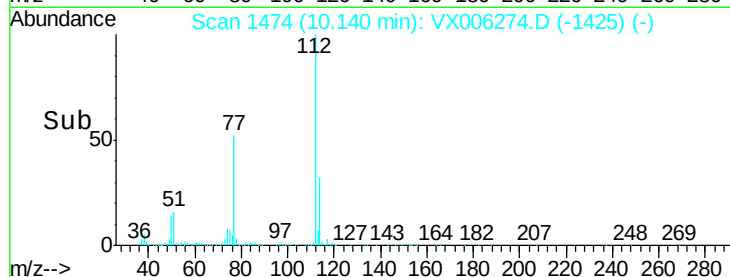
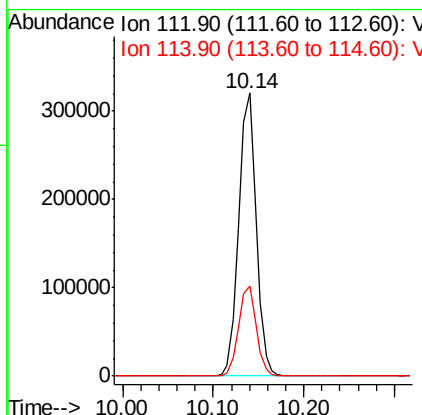
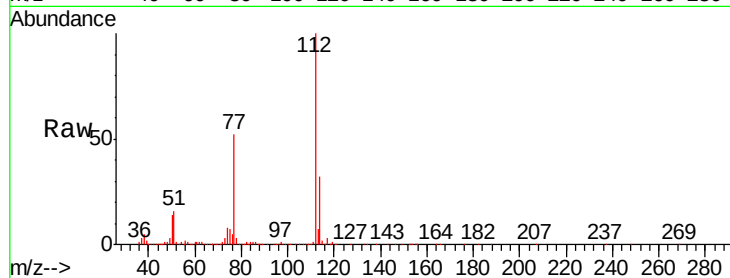
#65
Chlorobenzene
Concen: 20.331 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VX006274.D
Acq: 04 Dec 2018 13:22

Instrument :
MSVOA_X
ClientSampleId :
VX1204WBS01

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	431482		
114	31.9	25.4	38.2	

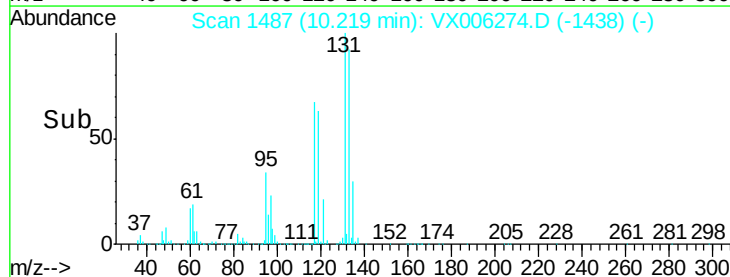
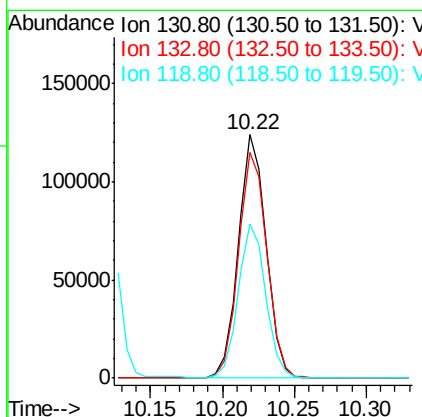
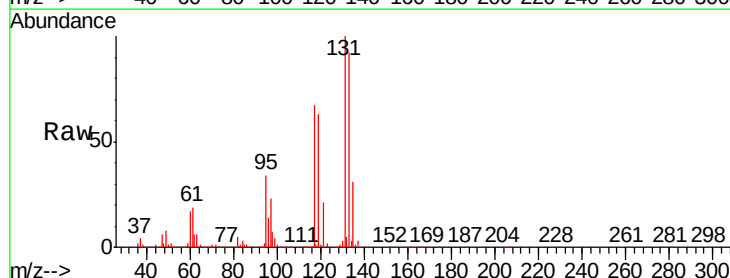
Manual Integrations
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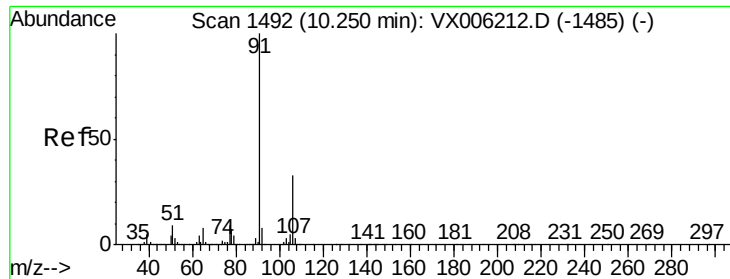
MMDadoda
12/5/2018 10:11:31 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 20.097 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX006274.D
Acq: 04 Dec 2018 13:22

Tgt Ion	Ratio	Resp	Lower	Upper
131	100	165719		
133	95.1	48.1	144.4	
119	62.8	32.1	96.3	





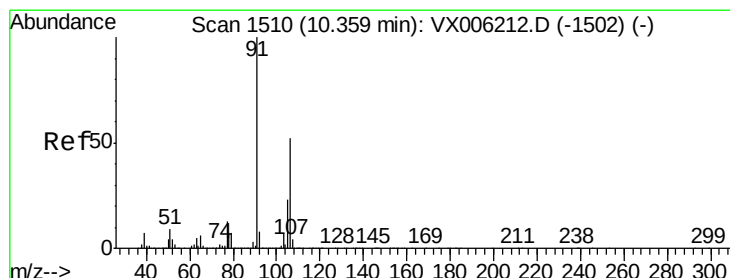
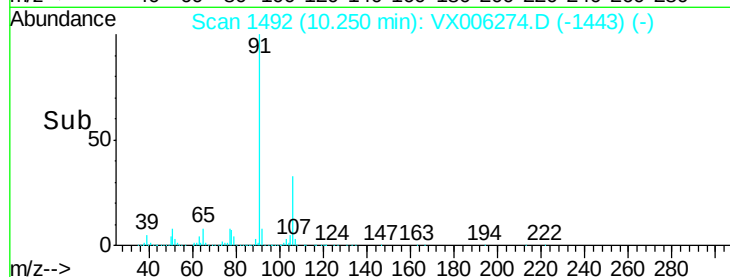
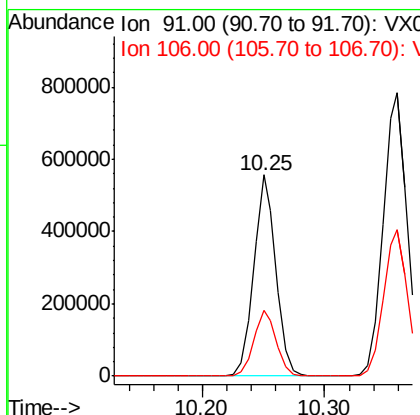
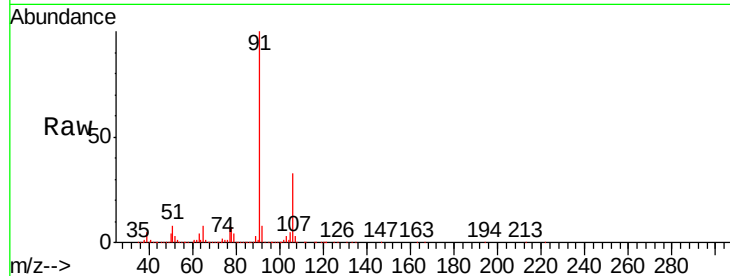
#67
Ethyl Benzene
Concen: 19.806 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX006274.D
Acq: 04 Dec 2018 13:22

Instrument :
MSVOA_X
ClientSampleId :
VX1204WBS01

Tgt Ion: 91 Resp: 699113
Ion Ratio Lower Upper
91 100
106 32.8 26.5 39.7

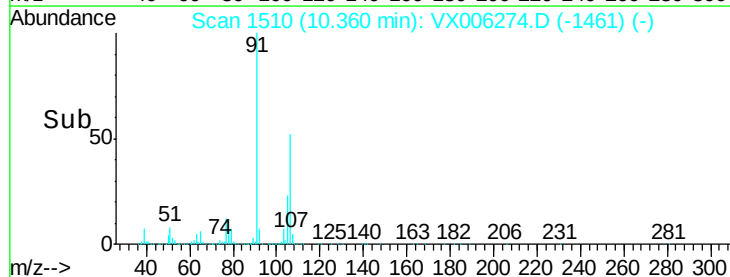
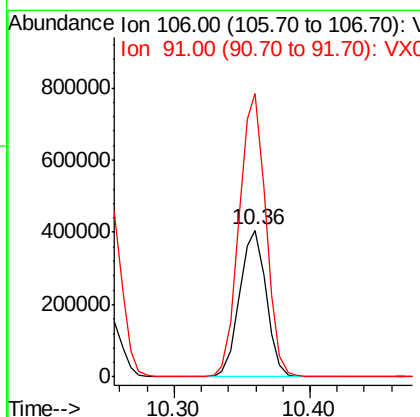
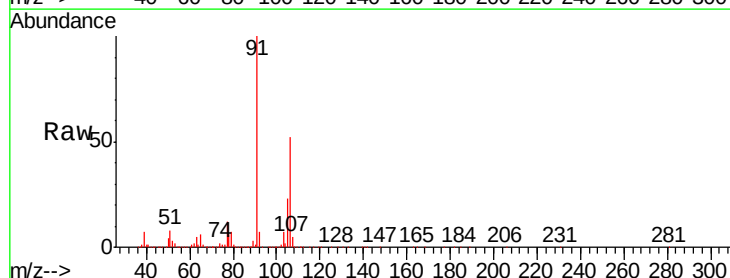
Manual Integrations
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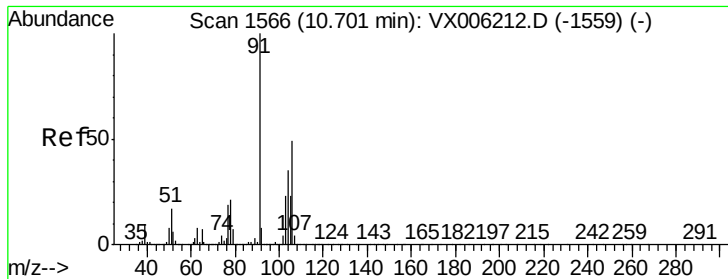
MMDadoda
12/5/2018 10:11:31 AM



#68
m/p-Xylenes
Concen: 39.053 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX006274.D
Acq: 04 Dec 2018 13:22

Tgt Ion: 106 Resp: 552180
Ion Ratio Lower Upper
106 100
91 193.7 155.2 232.8





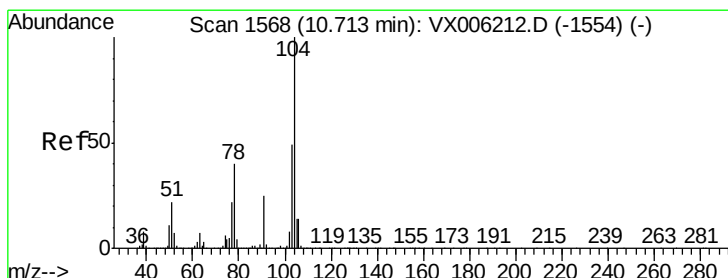
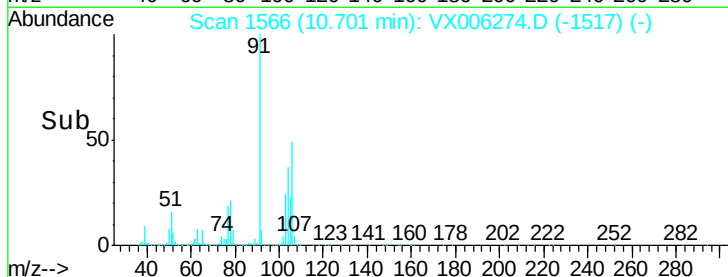
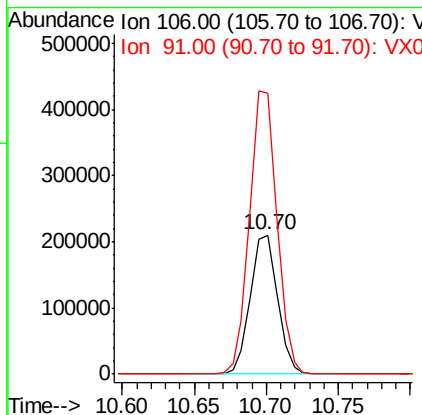
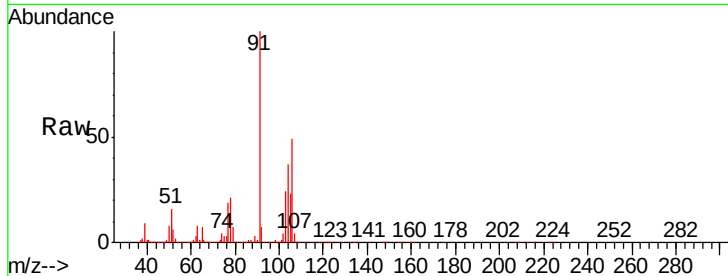
#69
o-Xylene
Concen: 19.651 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX006274.D
Acq: 04 Dec 2018 13:22

Instrument :
MSVOA_X
ClientSampleId :
VX1204WBS01

Tgt Ion	Ratio	Resp	Lower	Upper
106	100	274455		
91	204.8	101.8	305.6	

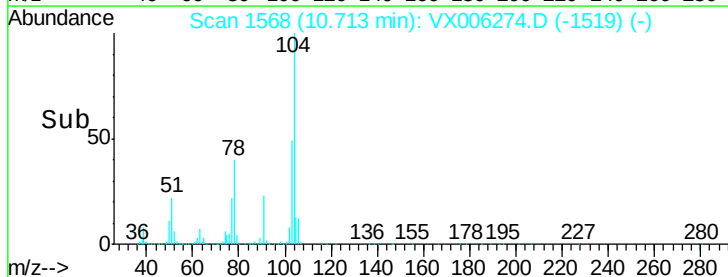
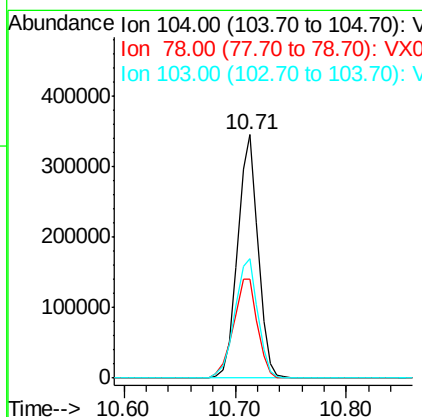
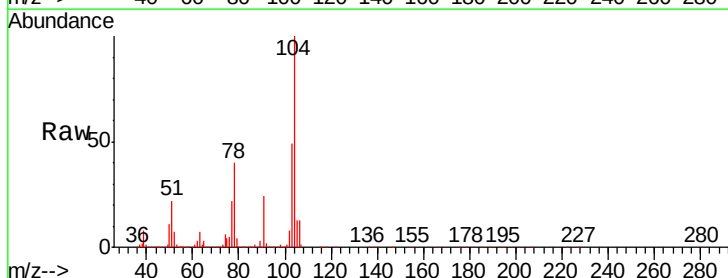
Manual Integrations
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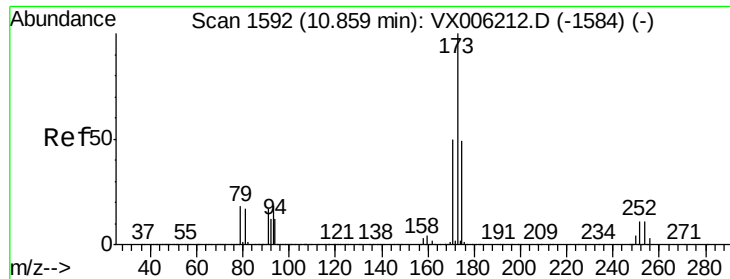
MMDadoda
12/5/2018 10:11:31 AM



#70
Styrene
Concen: 19.364 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX006274.D
Acq: 04 Dec 2018 13:22

Tgt Ion	Ratio	Resp	Lower	Upper
104	100	437413		
78	47.8	37.2	55.8	
103	55.3	43.5	65.3	





#71

Bromoform

Concen: 18.411 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX006274.D

Acq: 04 Dec 2018 13:22

Instrument :

MSVOA_X

ClientSampleId :

VX1204WBS01

Tgt Ion:173 Resp: 143307
Ion Ratio Lower Upper

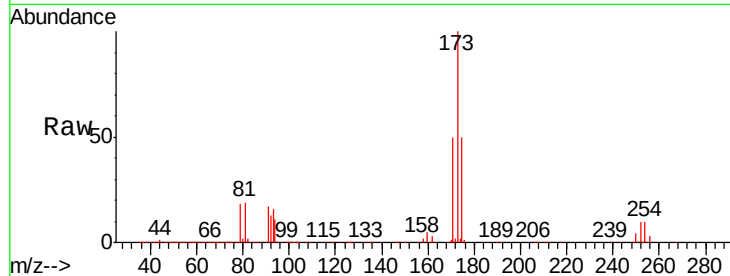
173 100

175 48.9 24.6 73.8

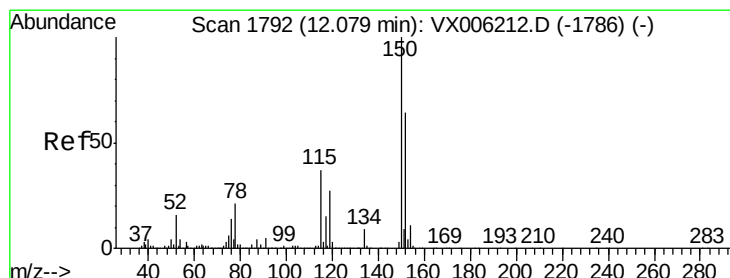
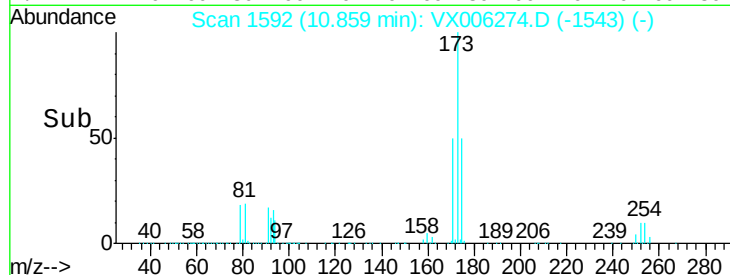
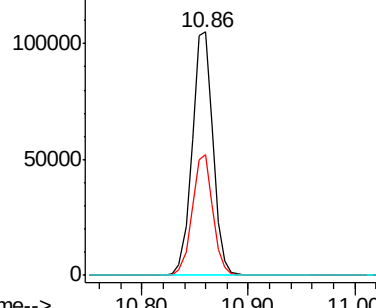
254 0.1 0.2 0.2#

Manual Integrations
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12/5/2018 10:11:31 AM



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX006274.D

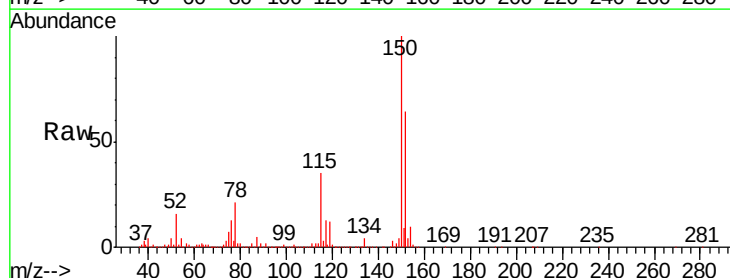
Acq: 04 Dec 2018 13:22

Tgt Ion:152 Resp: 499053
Ion Ratio Lower Upper

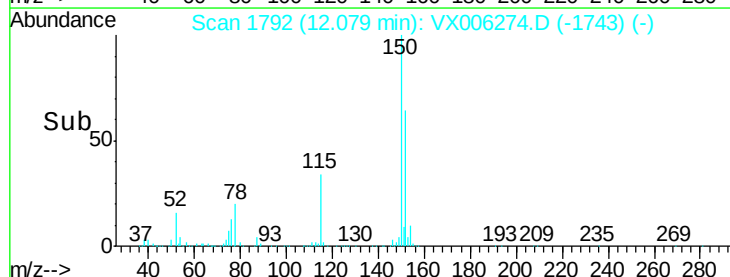
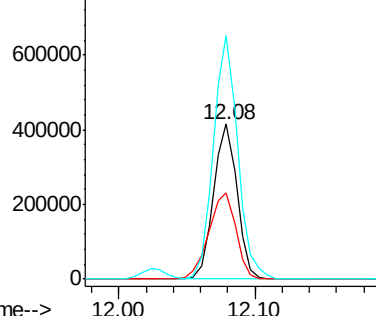
152 100

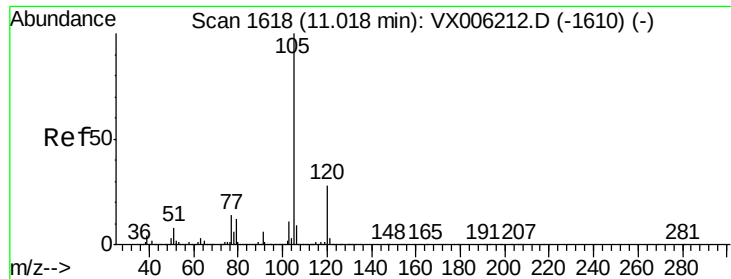
115 64.5 39.0 116.9

150 163.0 0.0 345.8



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





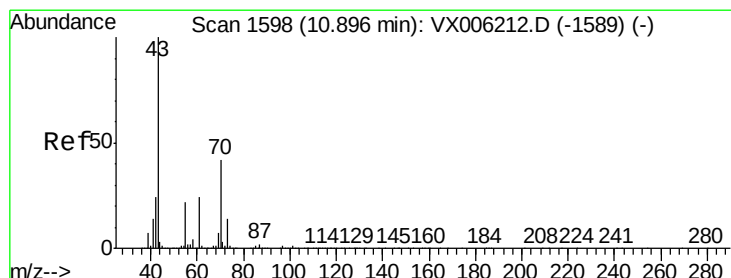
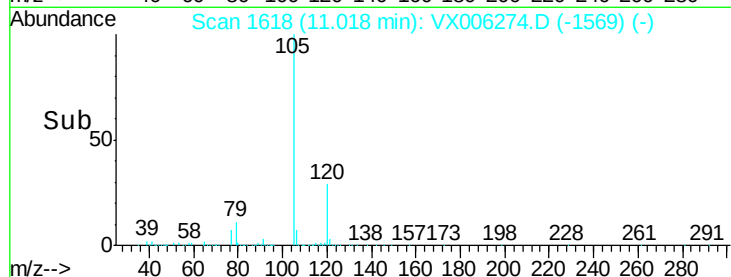
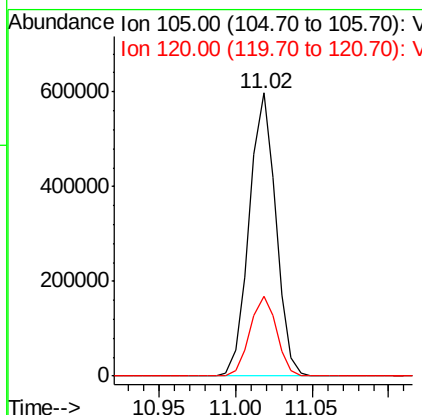
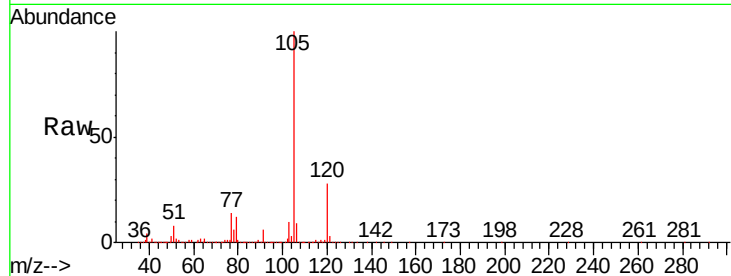
#73
Isopropylbenzene
Concen: 21.017 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VX006274.D
Acq: 04 Dec 2018 13:22

Instrument :
MSVOA_X
ClientSampleId :
VX1204WBS01

Tgt Ion	Ratio	Lower	Upper
105	100		
120	28.6	14.1	42.3

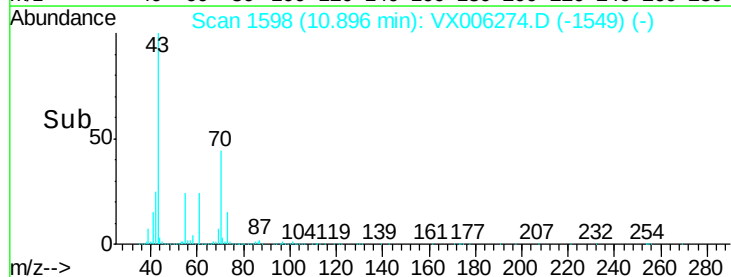
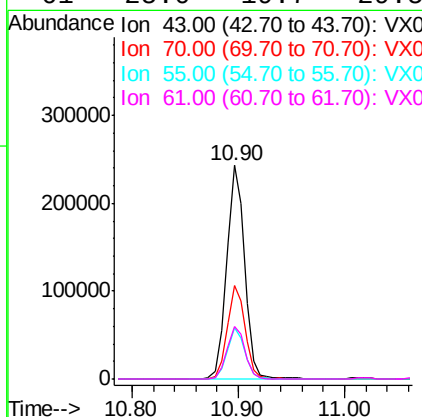
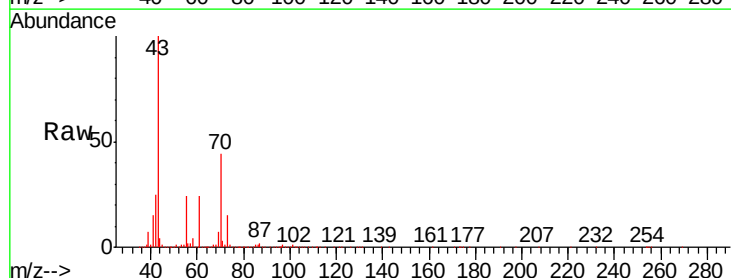
Manual Integrations
APPROVED

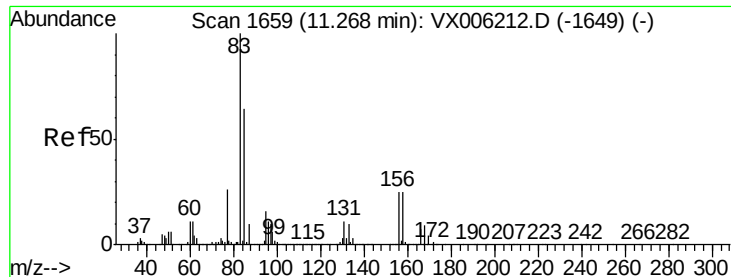
MMDadoda
12/5/2018 10:11:31 AM



#74
N-ethyl acetate
Concen: 19.279 ug/l
RT: 10.90 min Scan# 1598
Delta R.T. 0.00 min
Lab File: VX006274.D
Acq: 04 Dec 2018 13:22

Tgt Ion	Ratio	Lower	Upper
43	100		
70	43.5	34.1	51.1
55	23.2	17.8	26.8
61	25.0	19.7	29.5





#75

1,1,2,2-Tetrachloroethane

Concen: 20.491 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX006274.D

Acq: 04 Dec 2018 13:22

Instrument :

MSVOA_X

ClientSampleId :

VX1204WBS01

Tgt Ion: 83 Resp: 225931
Ion Ratio Lower Upper

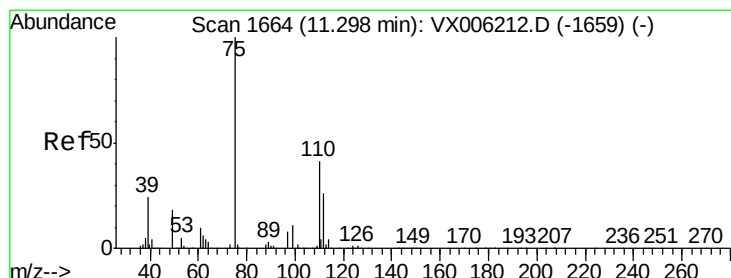
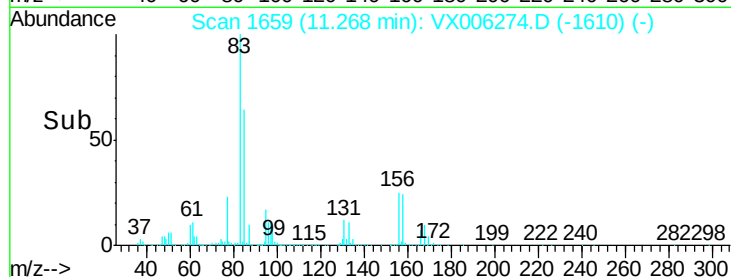
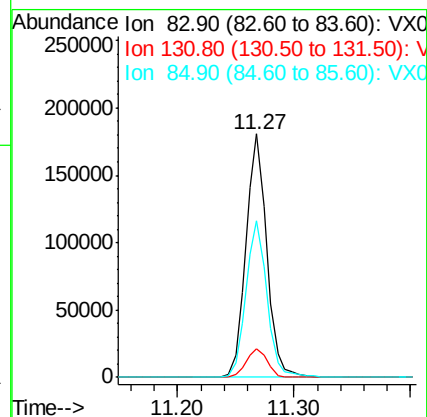
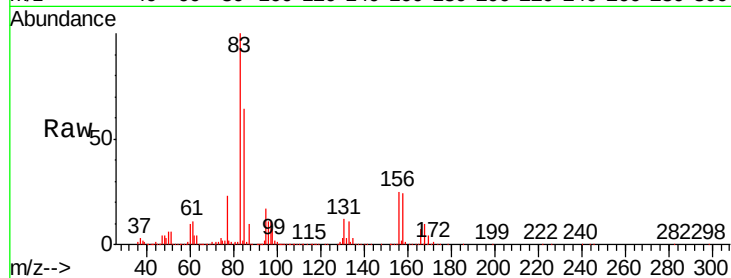
83 100

131 12.0 5.7 17.1

85 65.2 32.1 96.5

Manual Integrations
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MMDadoda
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#76

1,2,3-Trichloropropane

Concen: 22.090 ug/l m

RT: 11.30 min Scan# 1664

Delta R.T. 0.00 min

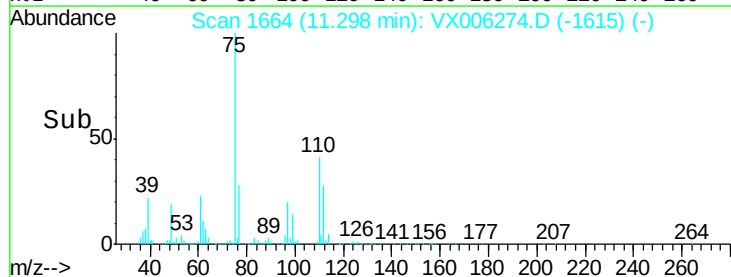
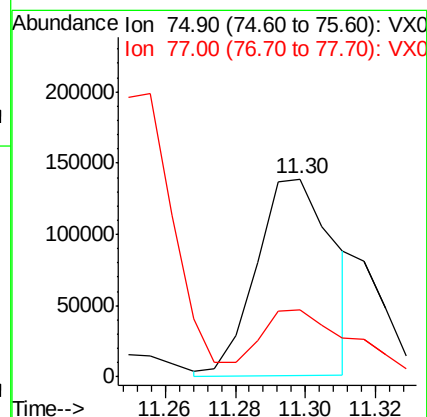
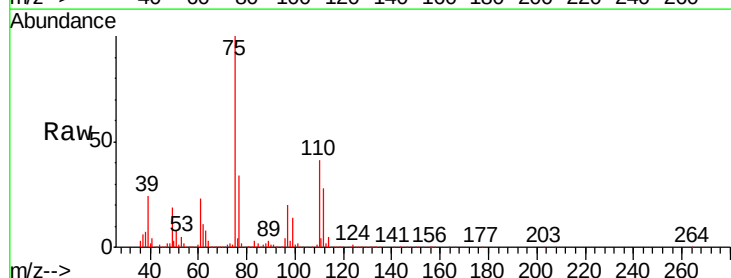
Lab File: VX006274.D

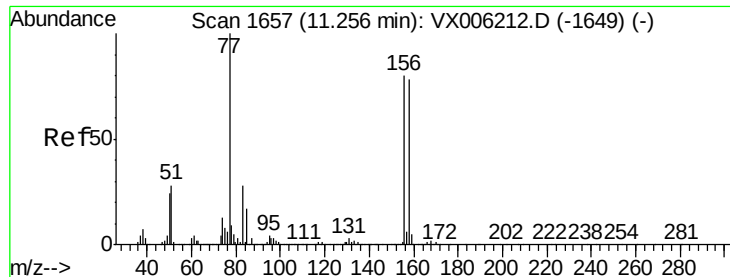
Acq: 04 Dec 2018 13:22

Tgt Ion: 75 Resp: 212787
Ion Ratio Lower Upper

75 100

77 39.8 19.9 59.7





#77

Bromobenzene

Concen: 20.607 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX006274.D

Acq: 04 Dec 2018 13:22

Instrument :

MSVOA_X

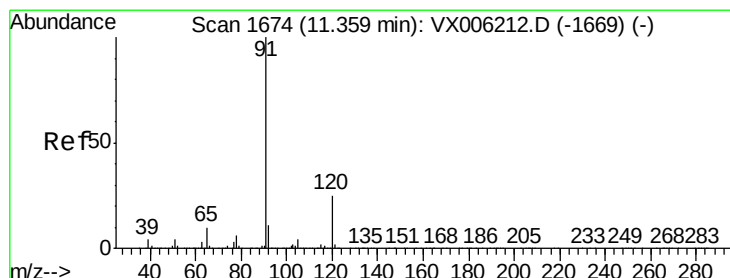
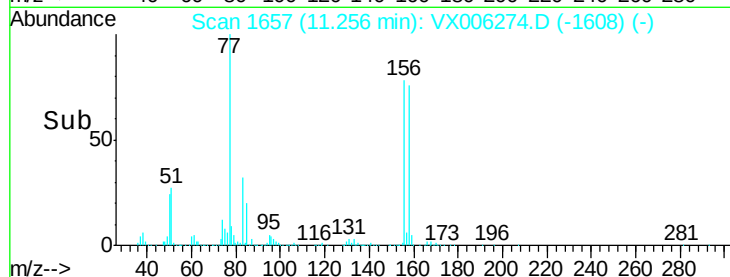
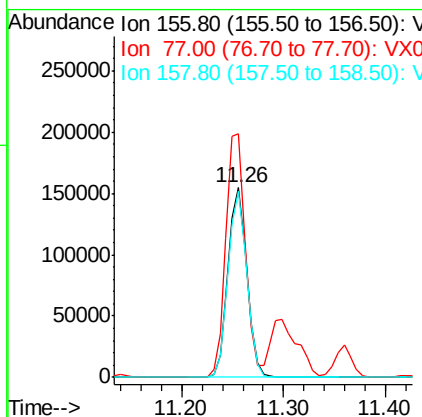
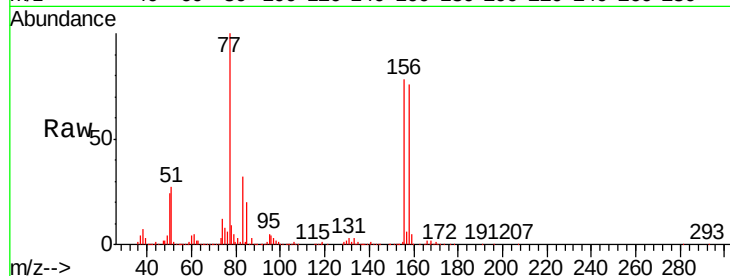
ClientSampleId :

VX1204WBS01

Tgt Ion:	156	Resp:	197093
Ion Ratio	Lower	Upper	
156	100		
77	134.8	66.2	198.6
158	97.2	48.8	146.4

Manual Integrations
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#78

n-propylbenzene

Concen: 20.508 ug/l

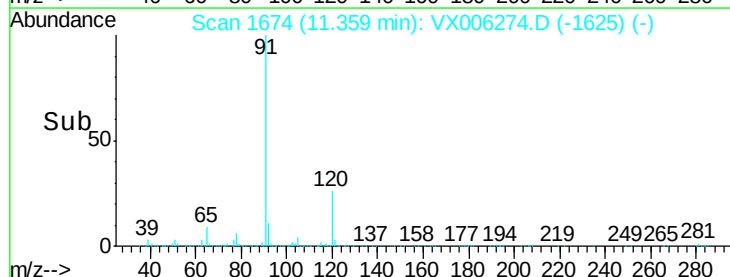
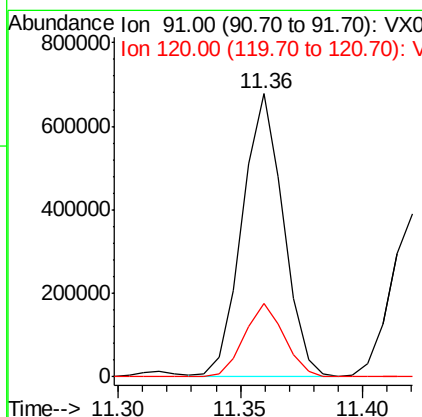
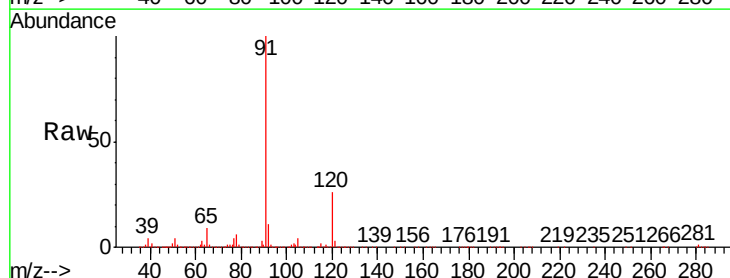
RT: 11.36 min Scan# 1674

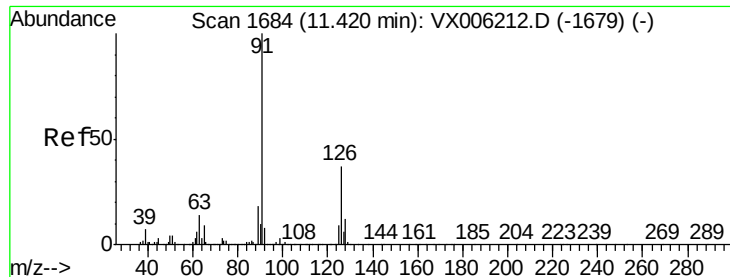
Delta R.T. 0.00 min

Lab File: VX006274.D

Acq: 04 Dec 2018 13:22

Tgt Ion:	91	Resp:	785663
Ion Ratio	Lower	Upper	
91	100		
120	25.5	12.7	38.0





#79

2-Chlorotoluene

Concen: 20.540 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX006274.D

Acq: 04 Dec 2018 13:22

Instrument :

MSVOA_X

ClientSampleId :

VX1204WBS01

Tgt Ion: 91 Resp: 467689

Ion Ratio Lower Upper

91 100

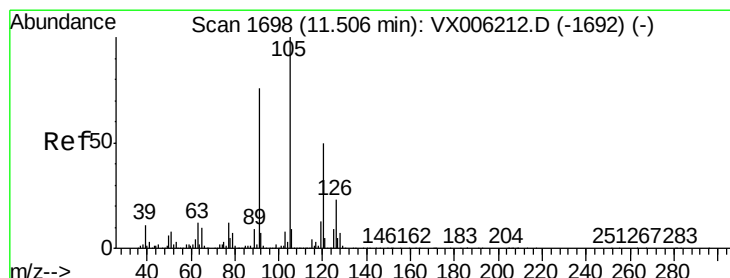
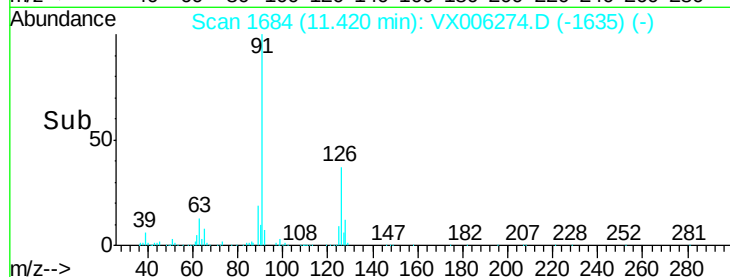
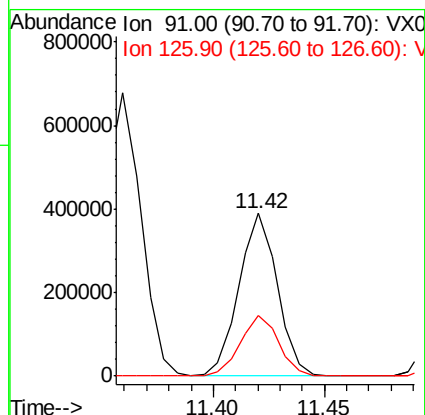
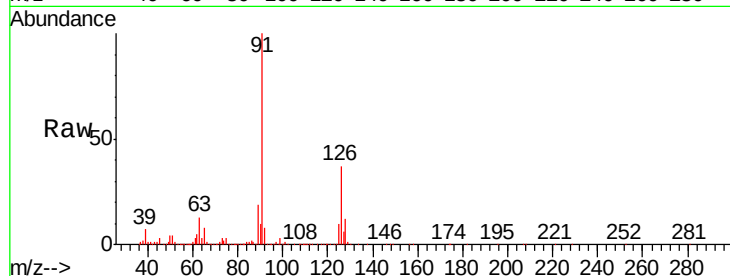
126 37.3 18.6 56.0

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#80

1,3,5-Trimethylbenzene

Concen: 20.654 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX006274.D

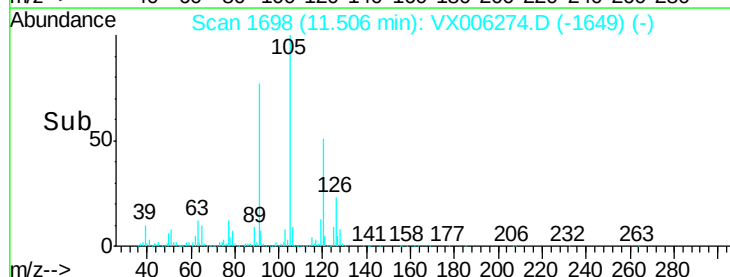
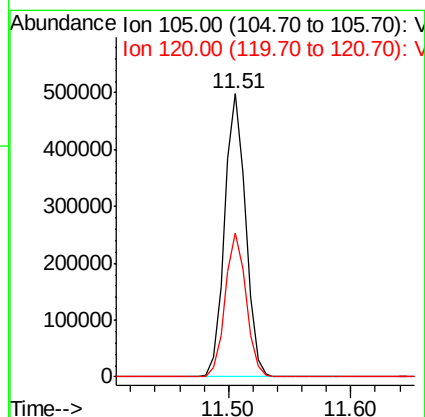
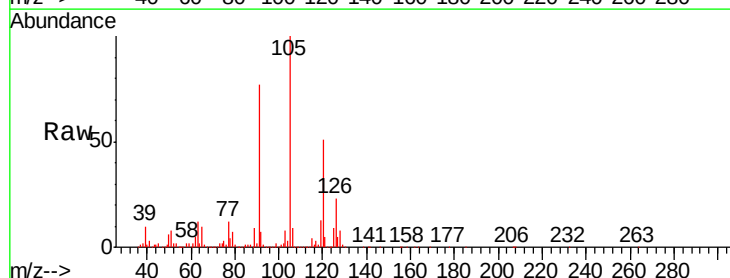
Acq: 04 Dec 2018 13:22

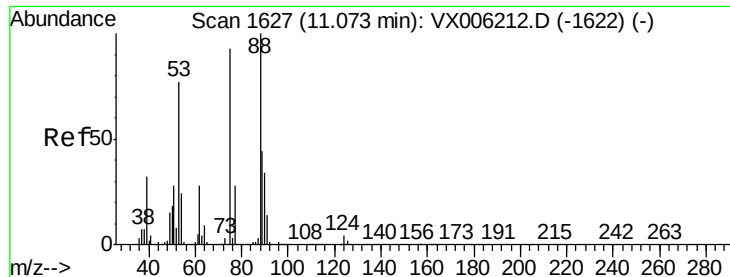
Tgt Ion: 105 Resp: 592257

Ion Ratio Lower Upper

105 100

120 50.3 25.4 76.0





#81

trans-1,4-Dichloro-2-butene

Concen: 18.888 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX006274.D

Acq: 04 Dec 2018 13:22

Instrument :

MSVOA_X

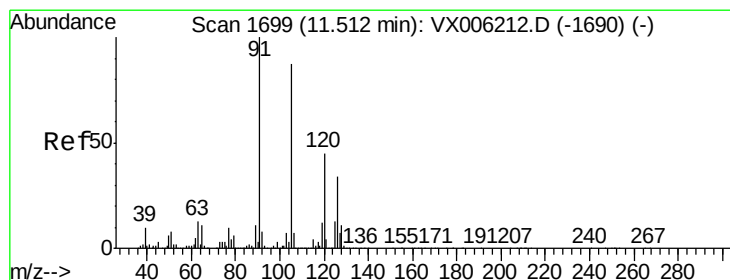
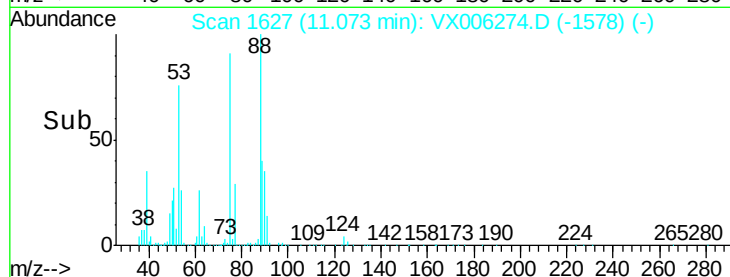
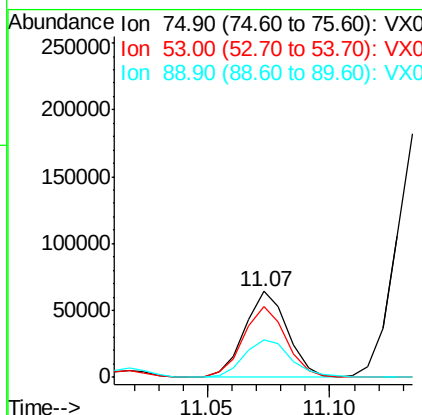
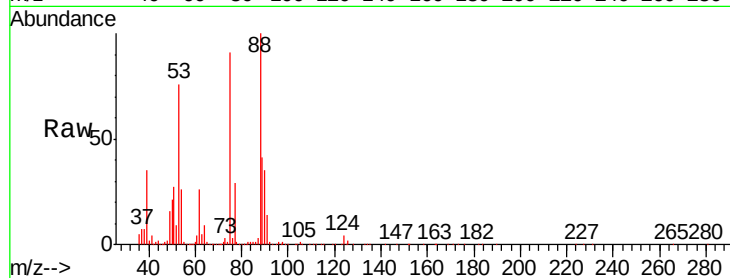
ClientSampleId :

VX1204WBS01

Tgt Ion:	75	Resp:	77529
Ion	Ratio	Lower	Upper
75	100		
53	83.6	64.4	96.6
89	49.7	44.2	66.4

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#82

4-Chlorotoluene

Concen: 20.235 ug/l

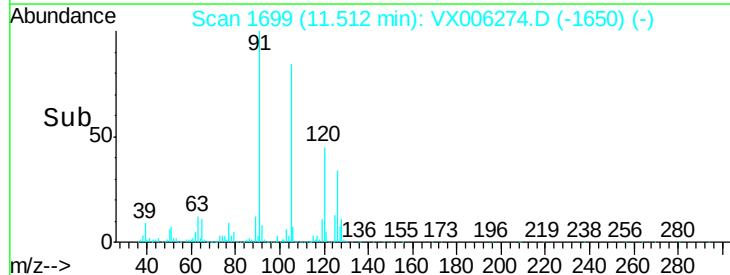
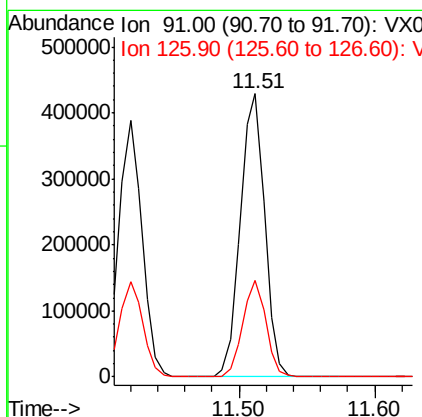
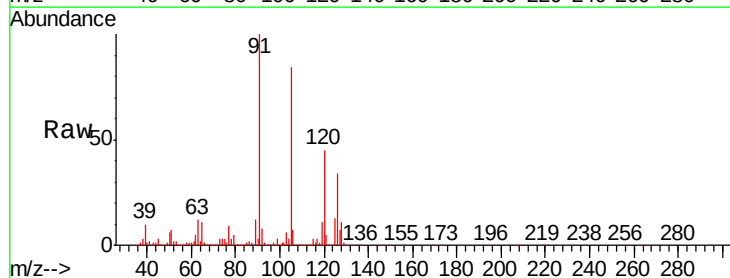
RT: 11.51 min Scan# 1699

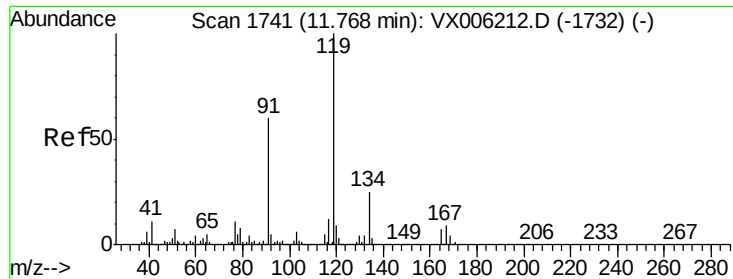
Delta R.T. 0.00 min

Lab File: VX006274.D

Acq: 04 Dec 2018 13:22

Tgt Ion:	91	Resp:	535696
Ion	Ratio	Lower	Upper
91	100		
126	32.4	16.4	49.4





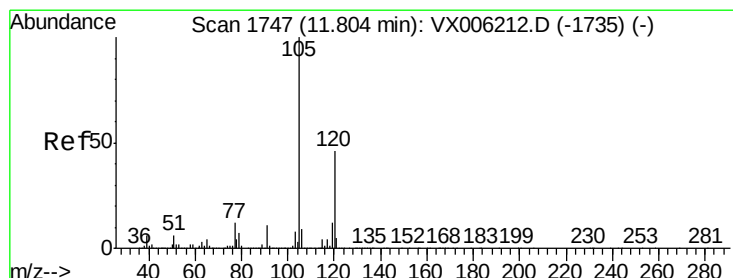
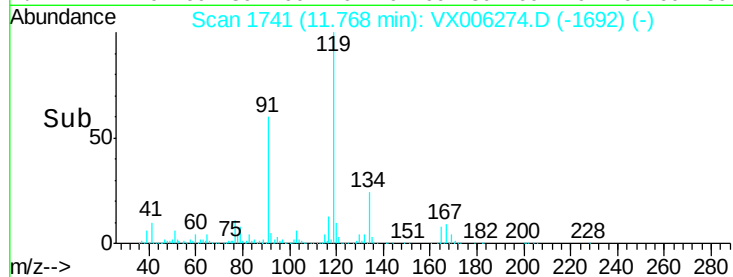
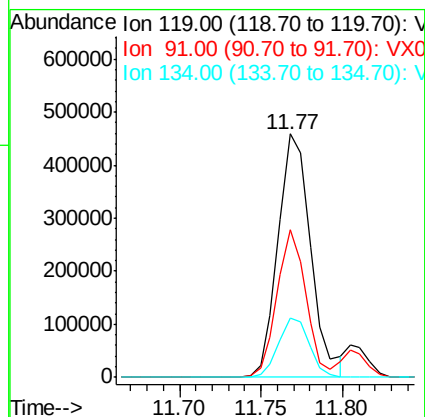
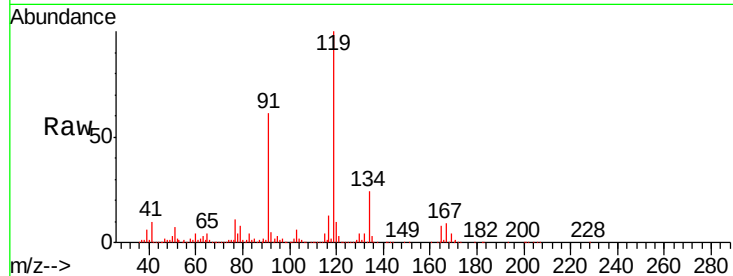
#83
tert-Butylbenzene
Concen: 20.739 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX006274.D
Acq: 04 Dec 2018 13:22

Instrument :
MSVOA_X
ClientSampleId :
VX1204WBS01

Tgt Ion	Ratio	Lower	Upper
119	100		
91	53.6	26.4	79.2
134	23.1	11.6	34.7

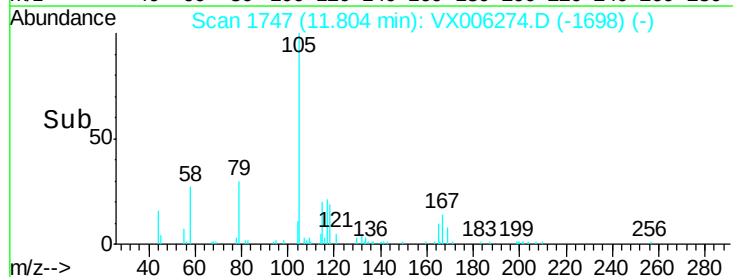
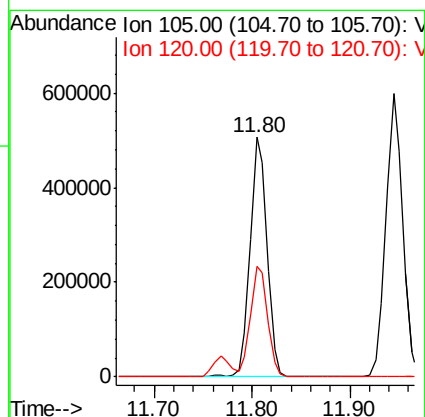
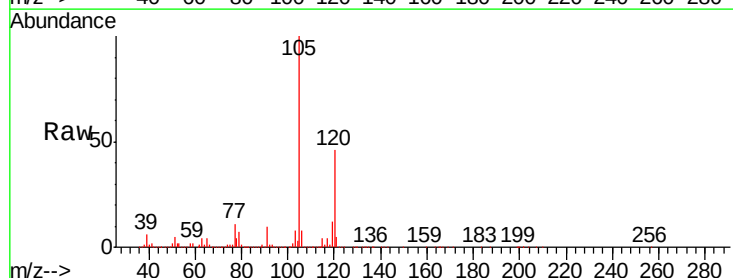
Manual Integrations
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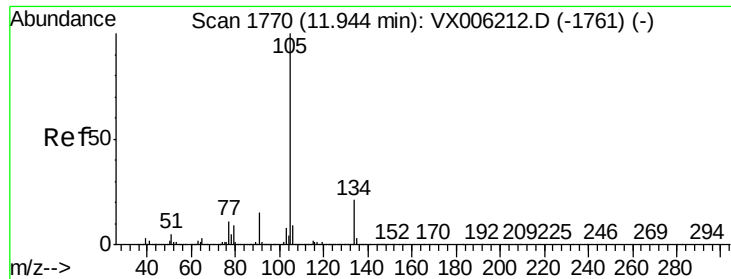
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#84
1,2,4-Trimethylbenzene
Concen: 20.621 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VX006274.D
Acq: 04 Dec 2018 13:22

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.3	23.4	70.0





#85

sec-Butylbenzene

Concen: 20.514 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX006274.D

Acq: 04 Dec 2018 13:22

Instrument :

MSVOA_X

ClientSampleId :

VX1204WBS01

Tgt Ion:105 Resp: 714008

Ion Ratio Lower Upper

105 100

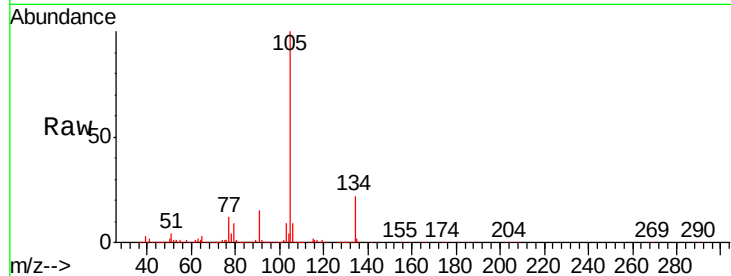
134 21.7 10.8 32.4

Manual Integrations

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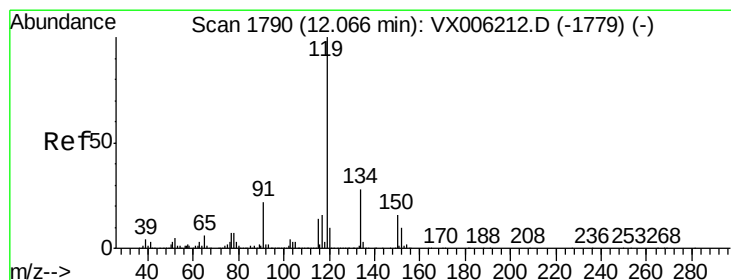
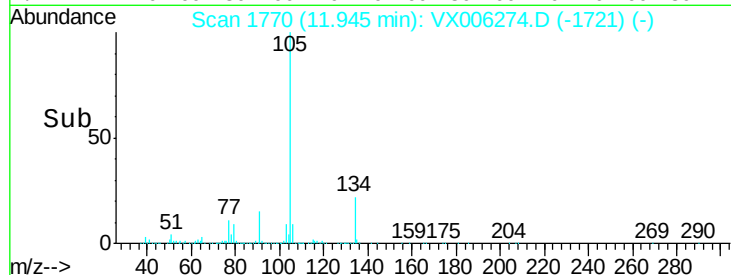
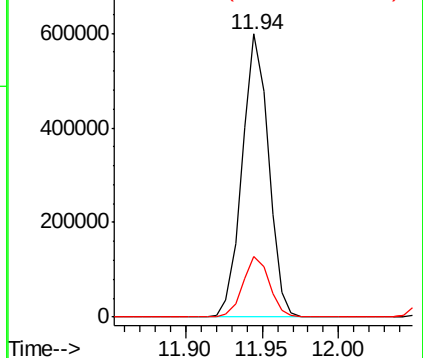
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.416 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.01 min

Lab File: VX006274.D

Acq: 04 Dec 2018 13:22

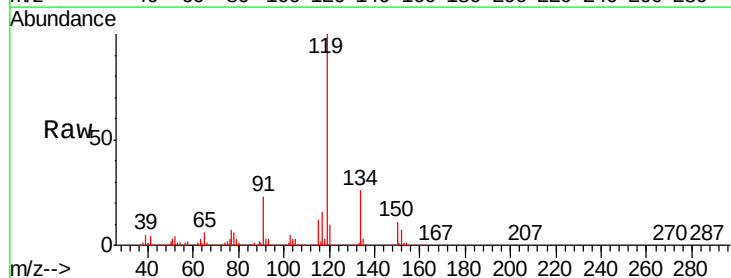
Tgt Ion:119 Resp: 639863

Ion Ratio Lower Upper

119 100

134 27.6 13.9 41.6

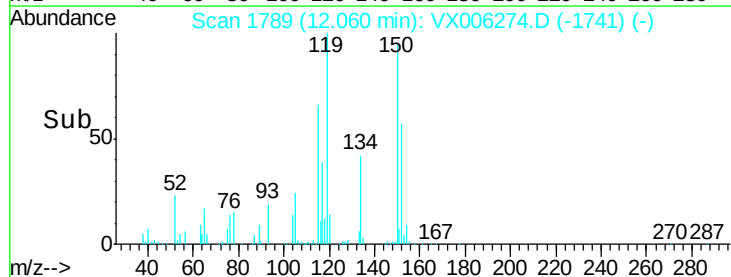
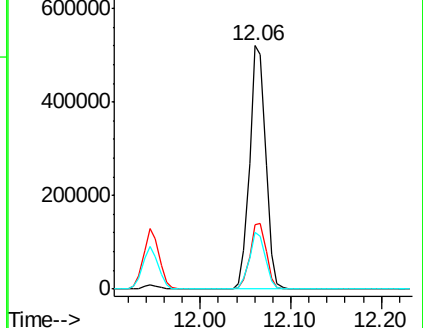
91 22.9 11.3 33.8

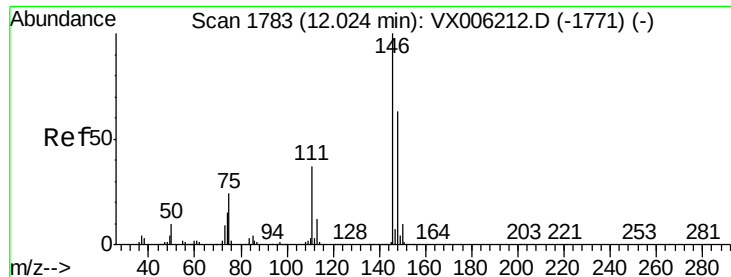


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





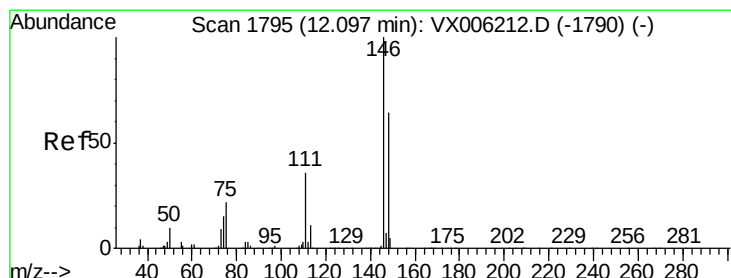
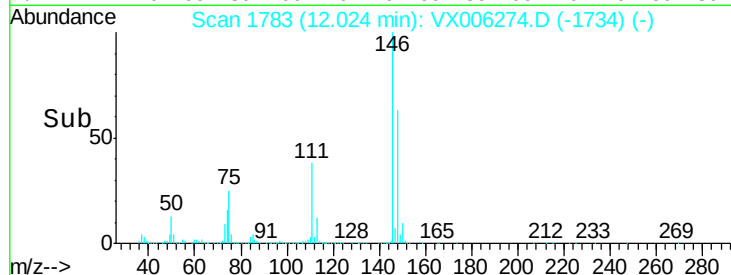
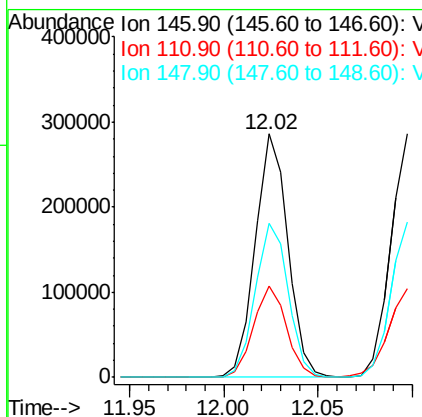
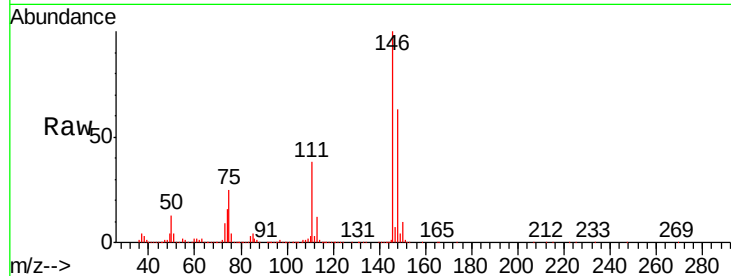
#87
 1,3-Dichlorobenzene
 Concen: 20.198 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX006274.D
 Acq: 04 Dec 2018 13:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1204WBS01

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	343739		
111	38.0	18.4	55.2	
148	64.3	32.0	96.0	

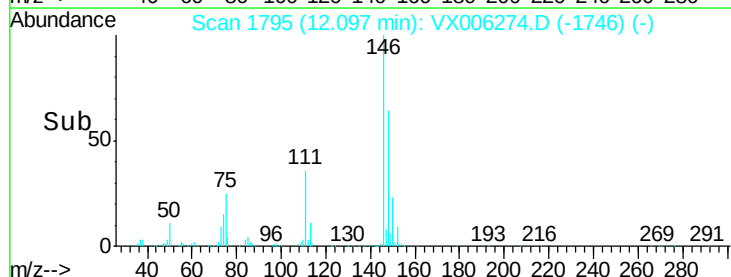
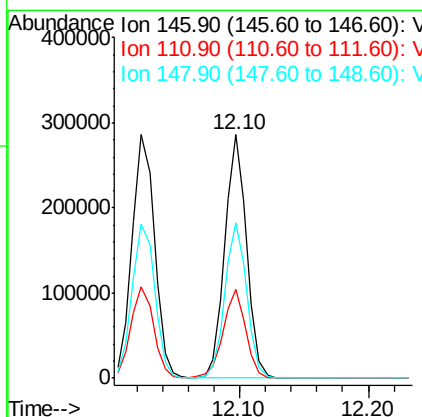
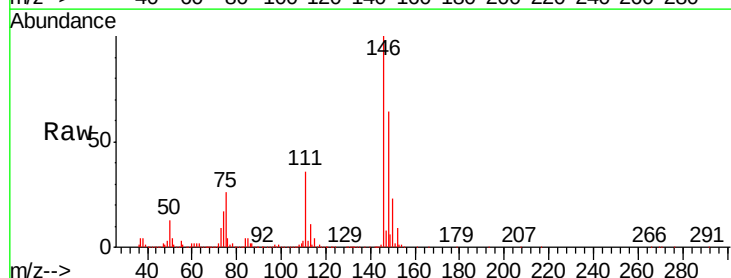
Manual Integrations
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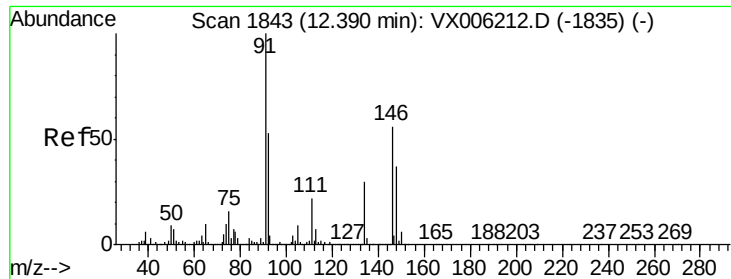
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#88
 1,4-Dichlorobenzene
 Concen: 19.768 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX006274.D
 Acq: 04 Dec 2018 13:22

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	341466		
111	37.8	18.3	54.8	
148	64.2	31.9	95.9	





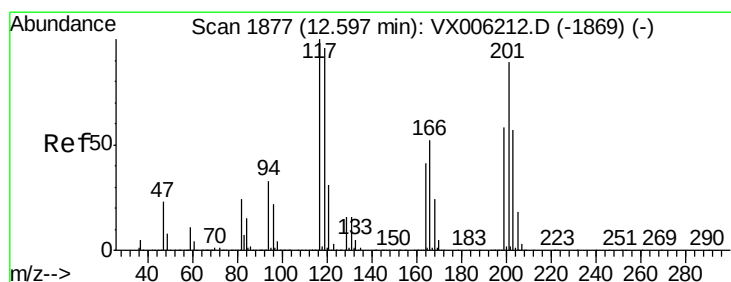
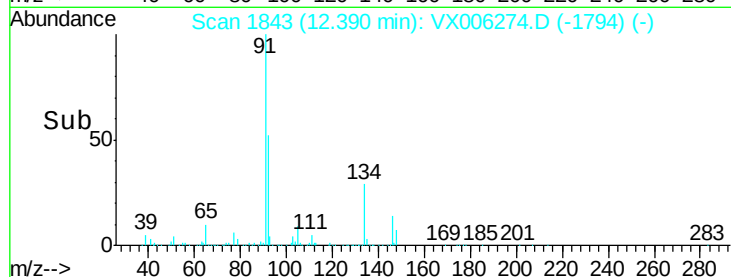
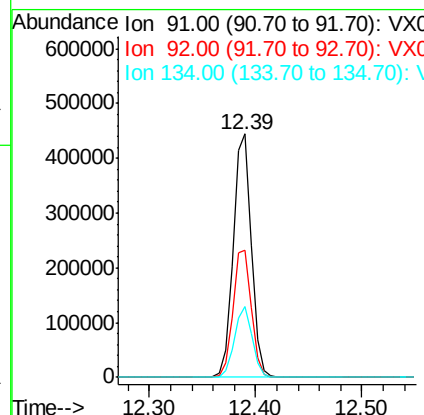
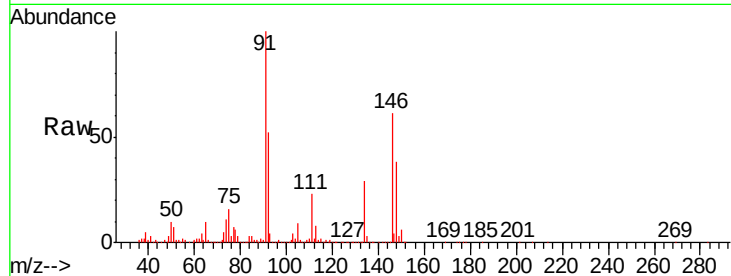
#89
n-Butylbenzene
Concen: 19.799 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX006274.D
Acq: 04 Dec 2018 13:22

Instrument :
MSVOA_X
ClientSampleId :
VX1204WBS01

Tgt Ion	Ratio	Lower	Upper
91	100		
92	53.4	26.6	79.8
134	28.7	14.8	44.3

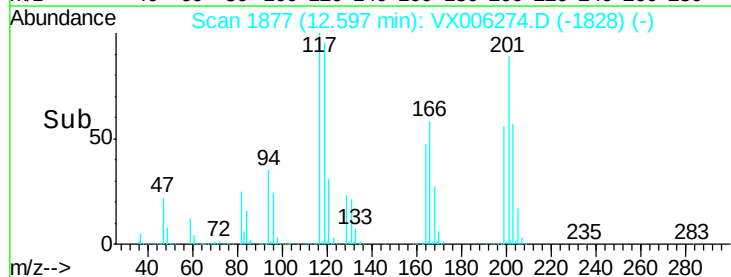
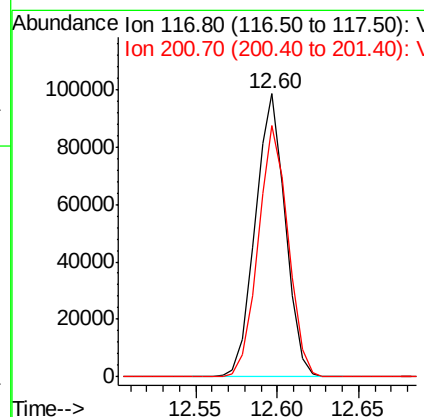
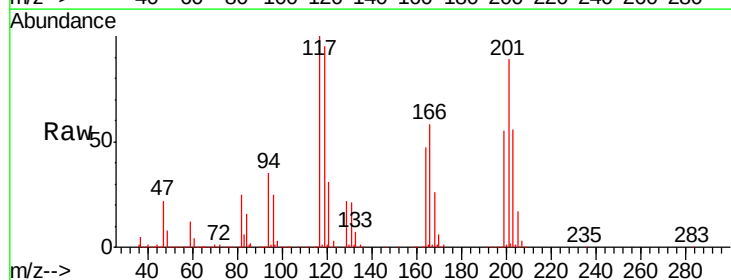
Manual Integrations
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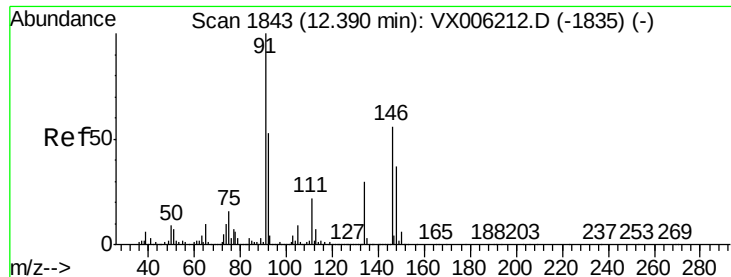
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#90
Hexachloroethane
Concen: 19.702 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX006274.D
Acq: 04 Dec 2018 13:22

Tgt Ion	Ratio	Lower	Upper
117	100		
201	88.1	44.7	134.1





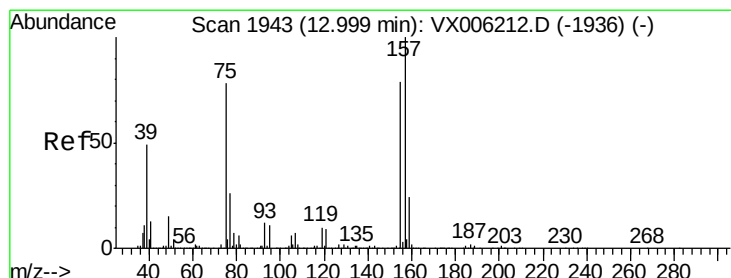
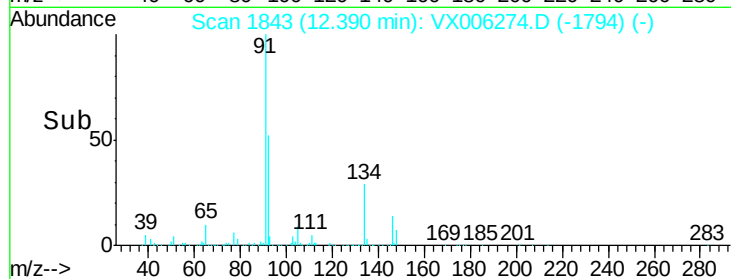
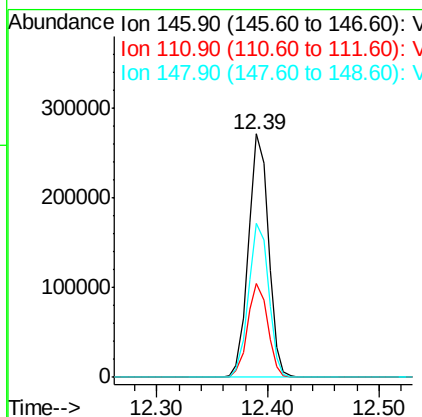
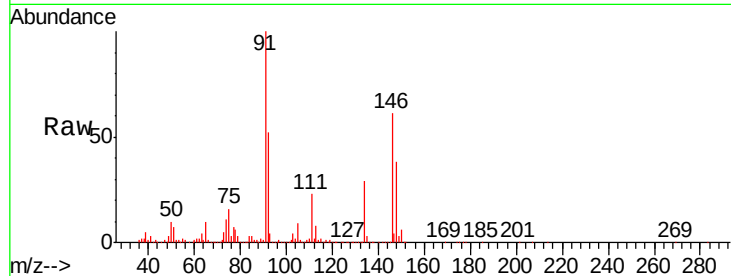
#91
 1,2-Dichlorobenzene
 Concen: 19.996 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX006274.D
 Acq: 04 Dec 2018 13:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1204WBS01

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	337743		
111	39.1	19.1	57.3	
148	64.0	32.1	96.3	

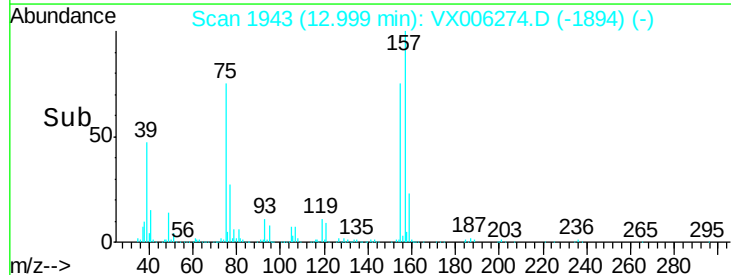
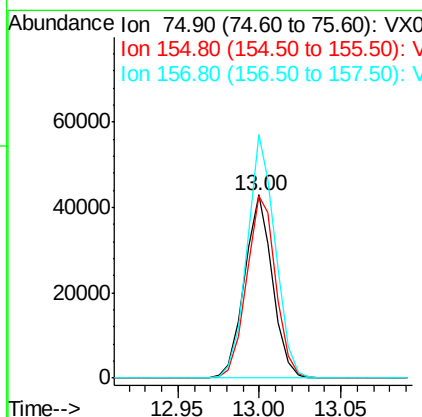
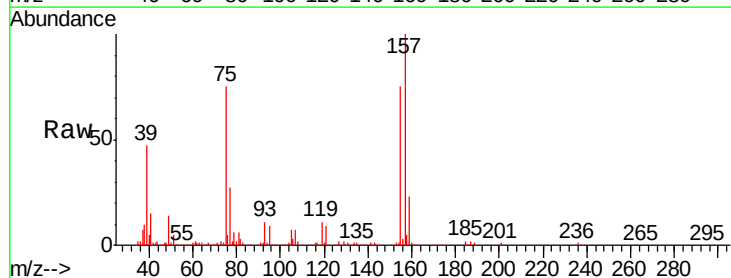
Manual Integrations
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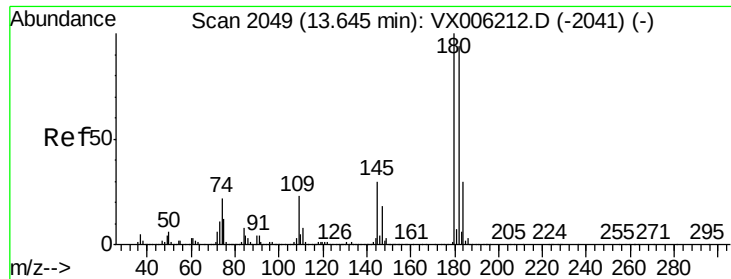
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 12/5/2018 10:11:31 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.162 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX006274.D
 Acq: 04 Dec 2018 13:22

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	51331		
155	103.5	53.4	160.3	
157	133.4	68.0	203.8	





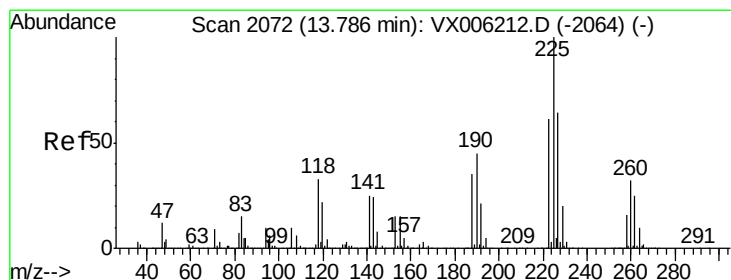
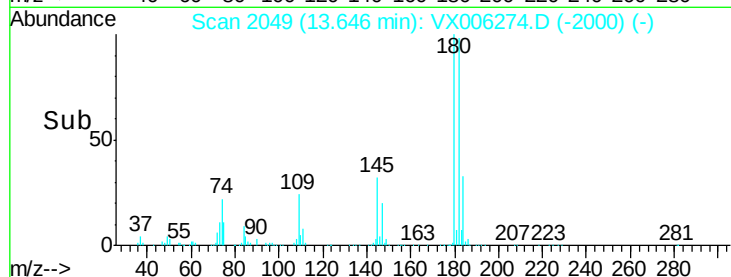
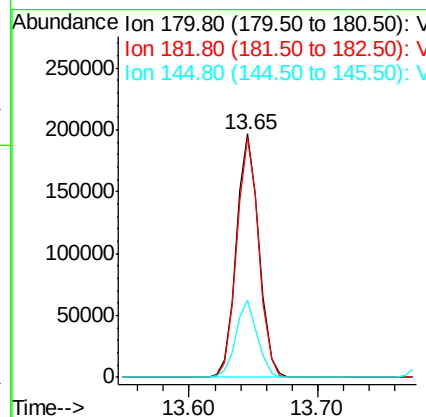
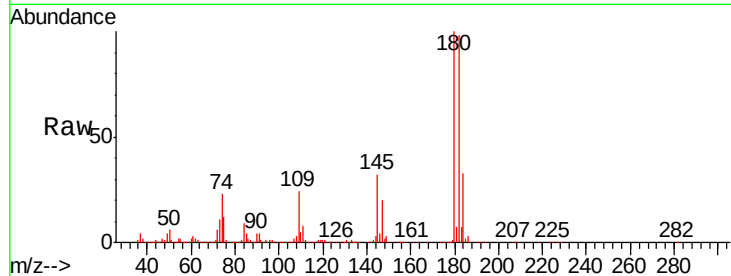
#93
 1,2,4-Trichlorobenzene
 Concen: 19.532 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX006274.D
 Acq: 04 Dec 2018 13:22

Instrument :
 MSVOA_X
 ClientSampled :
 VX1204WBS01

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	240677		
182	96.5	47.3	141.9	
145	30.4	14.6	43.8	

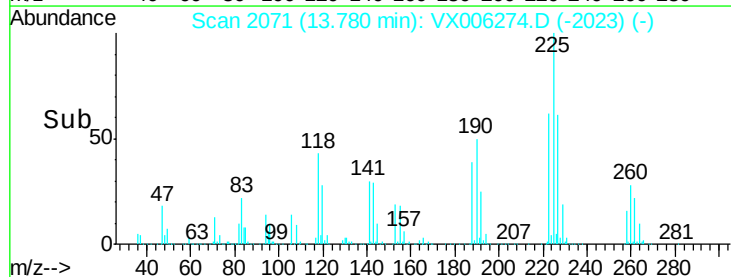
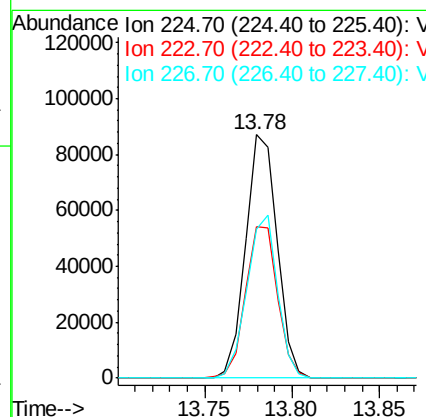
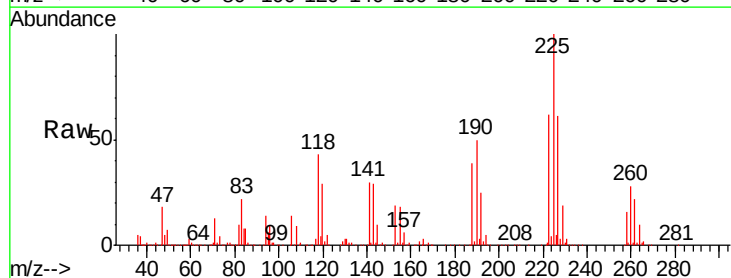
Manual Integrations
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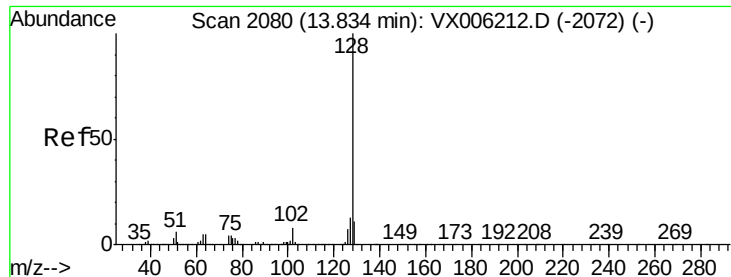
MMDadoda
 12/5/2018 10:11:31 AM



#94
 Hexachlorobutadiene
 Concen: 20.148 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.01 min
 Lab File: VX006274.D
 Acq: 04 Dec 2018 13:22

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	109798		
223	63.5	31.2	93.6	
227	64.6	31.9	95.5	





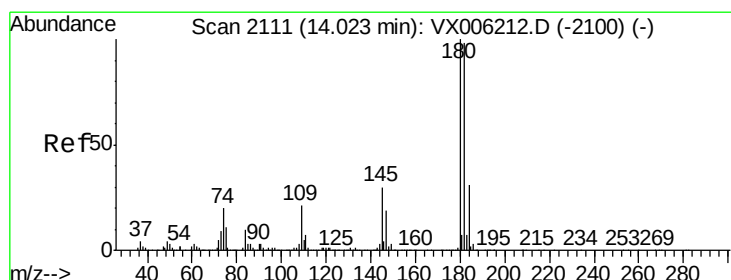
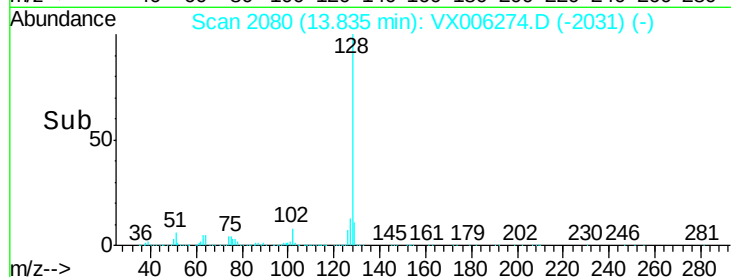
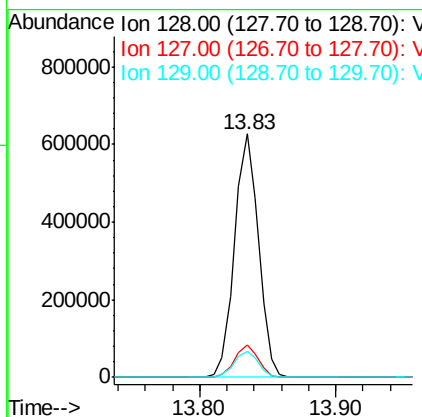
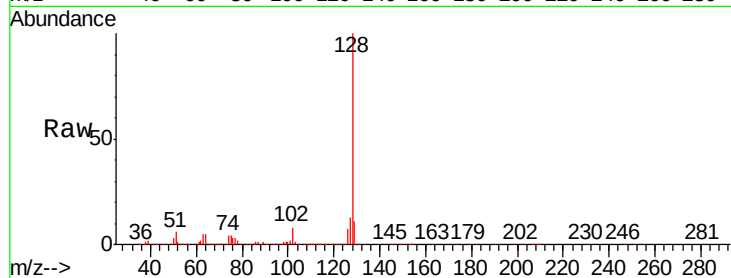
#95
Naphthalene
Concen: 20.035 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX006274.D
Acq: 04 Dec 2018 13:22

Instrument :
MSVOA_X
ClientSampleId :
VX1204WBS01

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	767972		
127	12.9	10.2	15.4	
129	10.9	8.9	13.3	

Manual Integrations
APPROVED

MMDadoda
12/5/2018 10:11:31 AM



#96
1,2,3-Trichlorobenzene
Concen: 20.231 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.01 min
Lab File: VX006274.D
Acq: 04 Dec 2018 13:22

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	246917		
182	95.2	48.4	145.2	
145	30.8	15.6	46.8	

