

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX122018\
 Data File : VX006691.D
 Acq On : 20 Dec 2018 22:54
 Operator : JC/MD
 Sample : VX1220WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1220WBS02

Manual Integrations
 APPROVED

MMDadoda
 12/21/2018 10:19:22 AM

Quant Time: Dec 21 04:43:16 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 19 15:20:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	569814	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	886503	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	818243	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	414368	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	318763	51.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.82%	
35) Dibromofluoromethane	5.50	113	282666	50.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.84%	
50) Toluene-d8	8.71	98	1076864	50.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.90%	
62) 4-Bromofluorobenzene	11.13	95	387953	50.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.24%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	95558	18.331	ug/l	99
3) Chloromethane	1.33	50	103830	18.488	ug/l	98
4) Vinyl Chloride	1.41	62	116389	19.843	ug/l	99
5) Bromomethane	1.64	94	107965	18.518	ug/l	95
6) Chloroethane	1.73	64	77436	19.067	ug/l	97
7) Trichlorofluoromethane	1.93	101	182559	19.963	ug/l	99
8) Diethyl Ether	2.19	74	70476	19.403	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	104475	19.458	ug/l	99
10) Methyl Iodide	2.51	142	150576	19.591	ug/l	99
11) Tert butyl alcohol	3.07	59	151509	110.546	ug/l	99
12) 1,1-Dichloroethene	2.38	96	100326	19.706	ug/l	97
13) Acrolein	2.30	56	73264	79.240	ug/l	99
14) Allyl chloride	2.73	41	167606	19.558	ug/l	98
15) Acrylonitrile	3.15	53	323336	106.254	ug/l	98
16) Acetone	2.45	43	273706	97.008	ug/l	100
17) Carbon Disulfide	2.57	76	220521	16.368	ug/l	99
18) Methyl Acetate	2.78	43	181258	21.848	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	351295	20.790	ug/l	99
20) Methylene Chloride	2.86	84	116354	19.943	ug/l	95
21) trans-1,2-Dichloroethene	3.17	96	107157	18.996	ug/l	96
22) Diisopropyl ether	3.87	45	331718	21.159	ug/l	99
23) Vinyl Acetate	3.82	43	1279924	99.809	ug/l	100
24) 1,1-Dichloroethane	3.70	63	182478	19.498	ug/l	98
25) 2-Butanone	4.70	43	409898	103.282	ug/l	100
26) 2,2-Dichloropropane	4.59	77	112647	15.582	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	128781	20.692	ug/l	94
28) Bromochloromethane	5.02	49	84863	20.414	ug/l	98
29) Tetrahydrofuran	5.15	42	276074	105.616	ug/l	99
30) Chloroform	5.21	83	198577	20.490	ug/l	97
31) Cyclohexane	5.57	56	163042	19.176	ug/l	93
32) 1,1,1-Trichloroethane	5.50	97	161806	19.773	ug/l	99
36) 1,1-Dichloropropene	5.80	75	142214	19.369	ug/l	99
37) Ethyl Acetate	4.85	43	155715	20.376	ug/l	99
38) Carbon Tetrachloride	5.78	117	135212	18.949	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	178155	18.430	ug/l	97
40) Benzene	6.15	78	450860	20.201	ug/l	97
41) Methacrylonitrile	5.06	41	86519	21.324	ug/l	99
42) 1,2-Dichloroethane	6.20	62	155167	20.403	ug/l	98
43) Isopropyl Acetate	6.46	43	233465	20.078	ug/l	99
44) Trichloroethene	7.21	130	131588	19.480	ug/l	94
45) 1,2-Dichloropropane	7.51	63	109035	20.076	ug/l	98
46) Dibromomethane	7.66	93	78664	19.691	ug/l	100
47) Bromodichloromethane	7.90	83	124507	18.773	ug/l	97
48) Methyl methacrylate	7.77	41	124213	21.007	ug/l	99
49) 1,4-Dioxane	7.75	88	64625	405.906	ug/l	96
51) 4-Methyl-2-Pentanone	8.65	43	800830	108.245	ug/l	99
52) Toluene	8.79	92	295186	20.473	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	124333	17.479	ug/l	100
54) cis-1,3-Dichloropropene	8.44	75	146519	18.773	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	118328	20.050	ug/l	98
56) Ethyl methacrylate	9.18	69	172513	20.682	ug/l	100
57) 1,3-Dichloropropane	9.37	76	192269	20.249	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	444558	100.262	ug/l	100
59) 2-Hexanone	9.49	43	607790	107.372	ug/l	100
60) Dibromochloromethane	9.59	129	103281	18.279	ug/l	99
61) 1,2-Dibromoethane	9.67	107	128747	20.522	ug/l	99
64) Tetrachloroethene	9.34	164	131575	20.307	ug/l	97
65) Chlorobenzene	10.14	112	340204	19.653	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	108439	20.078	ug/l	98
67) Ethyl Benzene	10.25	91	551708	19.504	ug/l	99
68) m/p-Xylenes	10.36	106	443055	39.694	ug/l	99
69) o-Xylene	10.70	106	214339	19.446	ug/l	97
70) Styrene	10.71	104	345551	19.816	ug/l	99
71) Bromoform	10.86	173	70890	17.713	ug/l #	100
73) Isopropylbenzene	11.02	105	574392	20.262	ug/l	99
74) N-amyl acetate	10.90	43	212660	20.958	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	178366	21.157	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	164522m	21.365	ug/l	
77) Bromobenzene	11.26	156	153174	19.986	ug/l	98
78) n-propylbenzene	11.36	91	633524	20.294	ug/l	99
79) 2-Chlorotoluene	11.42	91	378608	20.014	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	479585	20.540	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	32738	16.075	ug/l #	80
82) 4-Chlorotoluene	11.51	91	431958	19.906	ug/l	100
83) tert-Butylbenzene	11.77	119	469836	20.105	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	487244	19.840	ug/l	99
85) sec-Butylbenzene	11.94	105	573979	20.033	ug/l	100
86) p-Isopropyltoluene	12.06	119	509144	20.216	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	275763	19.965	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	273336	19.304	ug/l	97
89) n-Butylbenzene	12.39	91	420562	19.621	ug/l	99
90) Hexachloroethane	12.60	117	64163	18.499	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	274095	19.837	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	32693	18.741	ug/l	97

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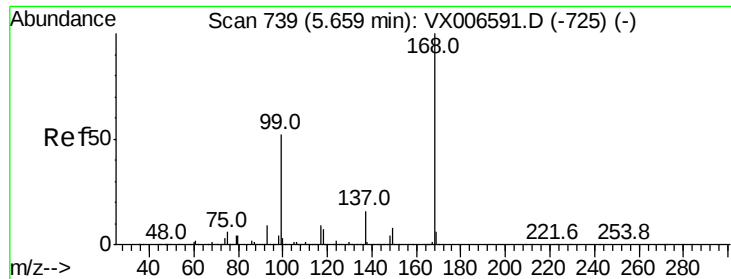
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	181849	19.080	ug/l	99
94) Hexachlorobutadiene	13.78	225	82018	18.257	ug/l	98
95) Naphthalene	13.83	128	591982	19.461	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	187659	19.070	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. 0.01 min

Lab File: VX006691.D

Acq: 20 Dec 2018 22:54

Instrument :

MSVOA_X

ClientSampleId :

VX1220WBS02

Tot Ion:168 Resp: 569814

Ion Ratio Lower Upper

168 100

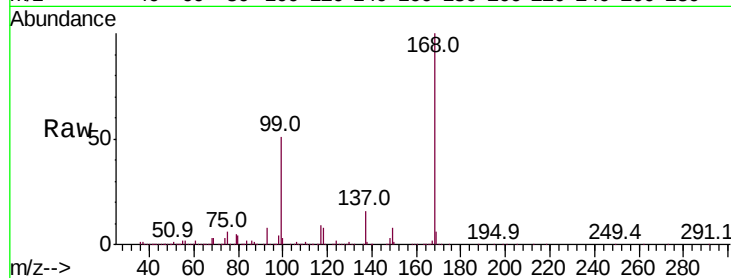
99 51.3 41.8 62.8

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

200000

150000

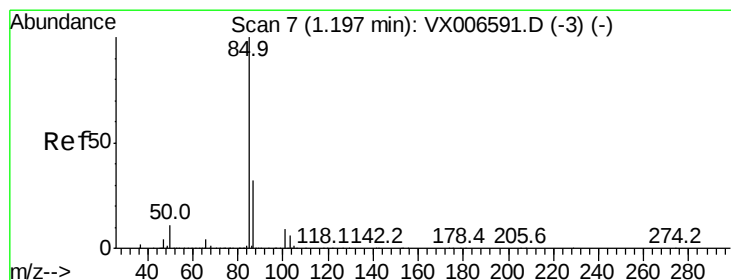
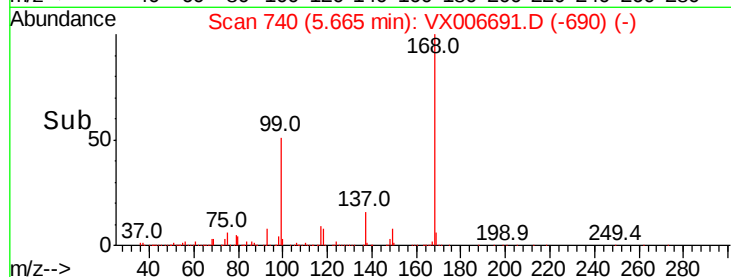
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50000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 18.331 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX006691.D

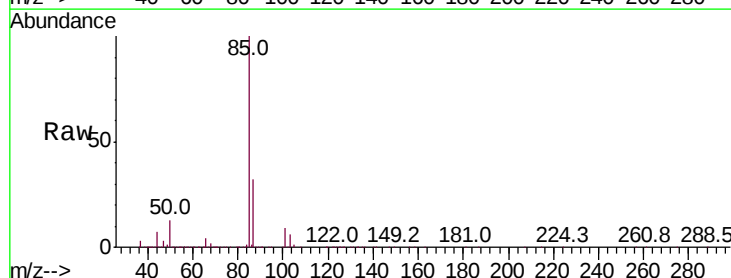
Acq: 20 Dec 2018 22:54

Tgt Ion: 85 Resp: 95558

Ion Ratio Lower Upper

85 100

87 32.5 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

100000

80000

60000

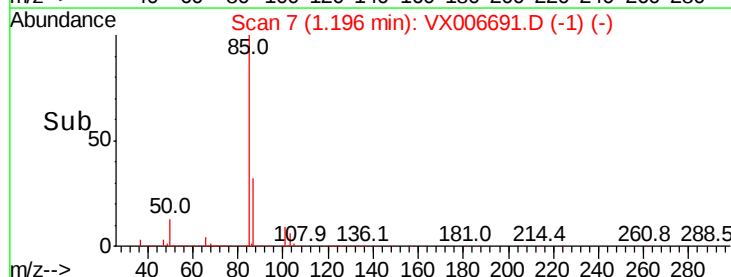
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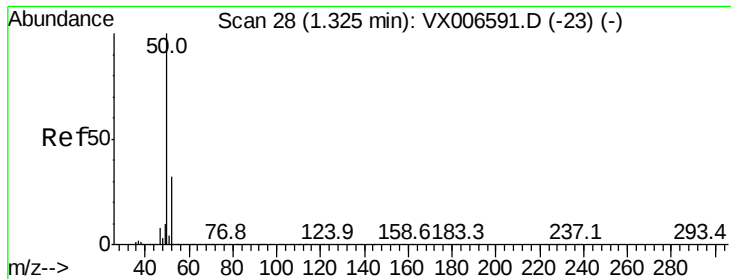
20000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 18.488 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.01 min

Lab File: VX006691.D

Acq: 20 Dec 2018 22:54

Instrument :

MSVOA_X

ClientSampleId :

VX1220WBS02

Tot Ion: 50 Resp: 103830

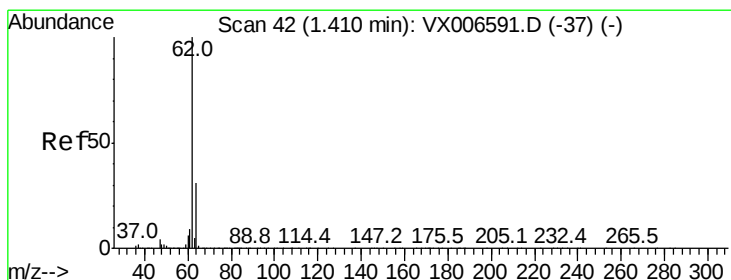
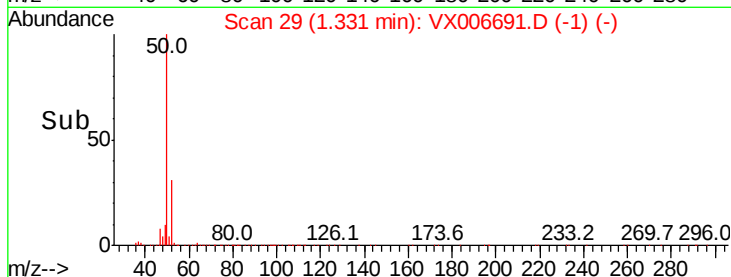
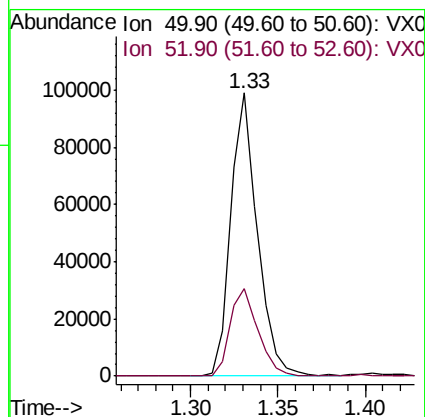
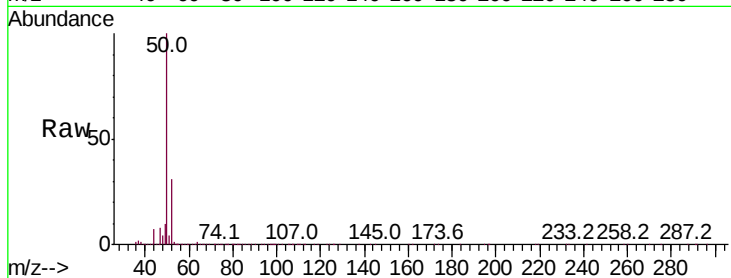
Ion Ratio Lower Upper

50 100

52 30.8 25.4 38.2

Manual Integrations
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#4

Vinyl Chloride

Concen: 19.843 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX006691.D

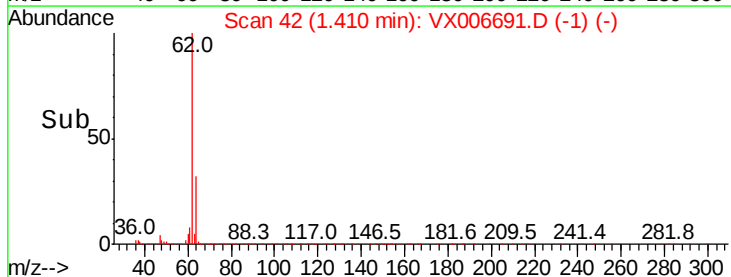
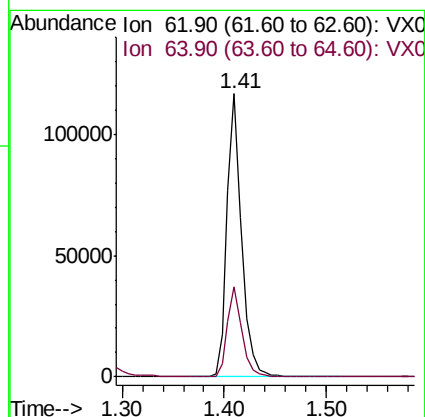
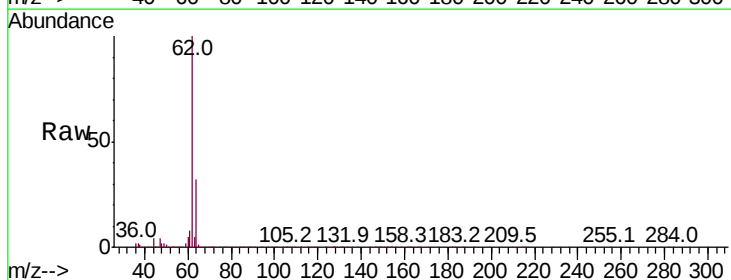
Acq: 20 Dec 2018 22:54

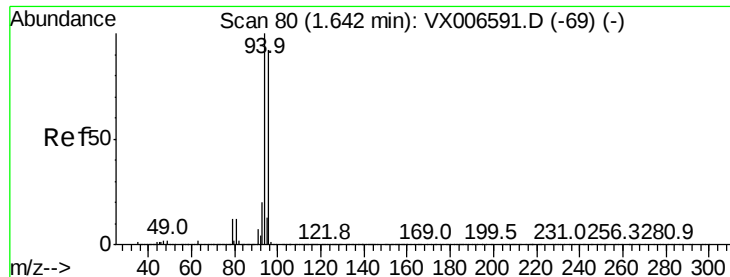
Tgt Ion: 62 Resp: 116389

Ion Ratio Lower Upper

62 100

64 31.9 25.1 37.7





#5

Bromomethane

Concen: 18.518 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX006691.D

Acq: 20 Dec 2018 22:54

Tot Ion: 94 Resp: 107965

Ion Ratio Lower Upper

94 100

96 96.5 73.4 110.2

Instrument :

MSVOA_X

ClientSampleId :

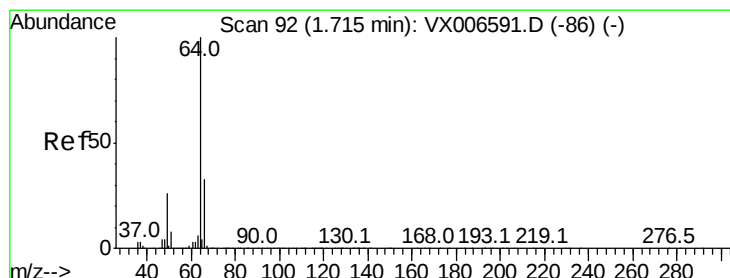
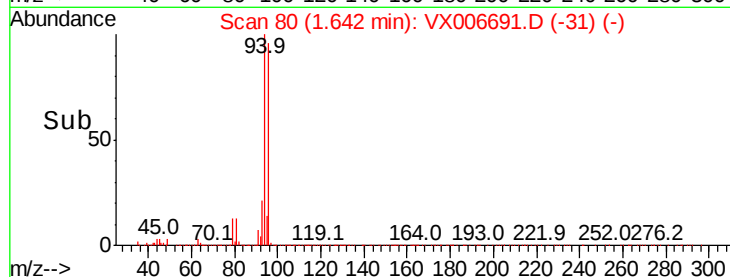
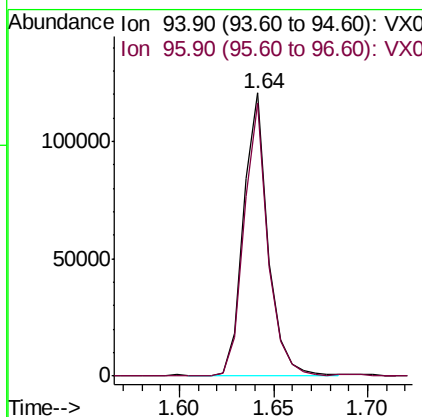
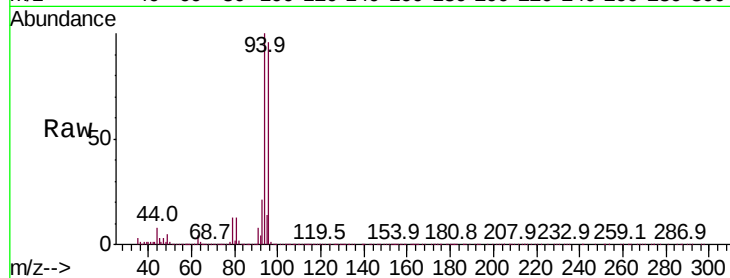
VX1220WBS02

Manual Integrations

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#6

Chloroethane

Concen: 19.067 ug/l

RT: 1.73 min Scan# 94

Delta R.T. 0.01 min

Lab File: VX006691.D

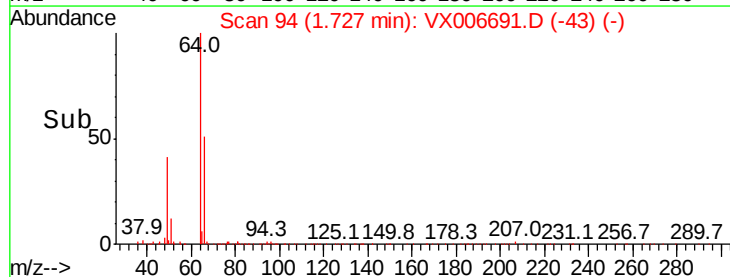
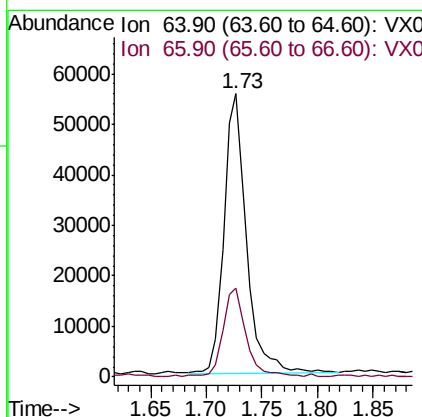
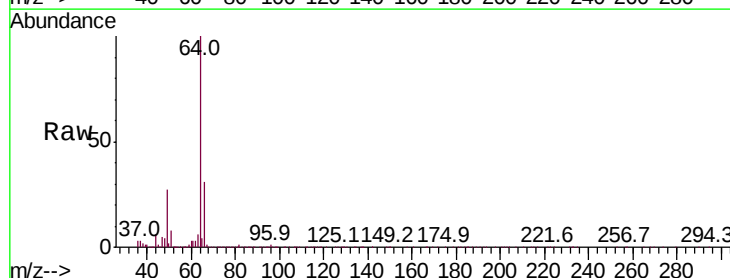
Acq: 20 Dec 2018 22:54

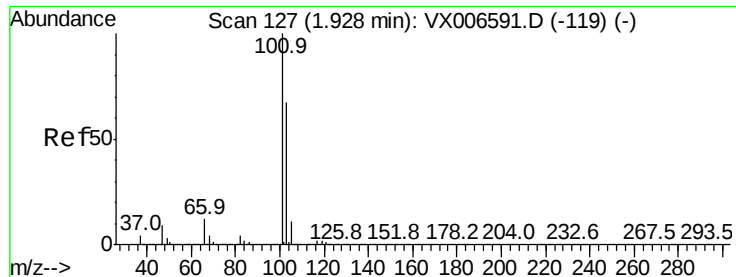
Tgt Ion: 64 Resp: 77436

Ion Ratio Lower Upper

64 100

66 31.2 26.4 39.6





#7

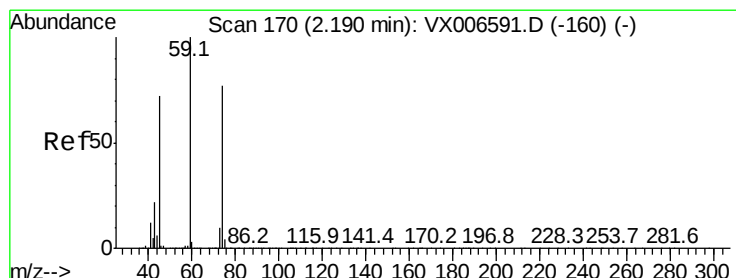
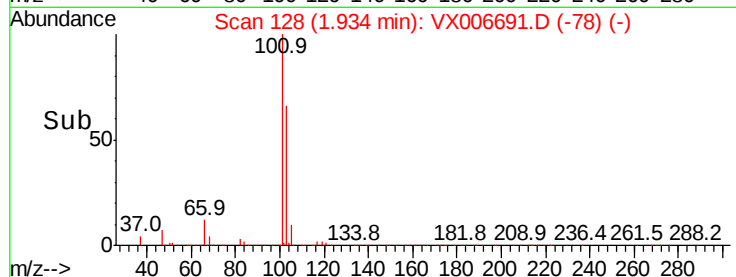
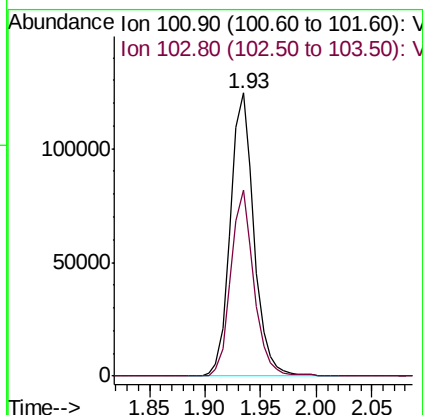
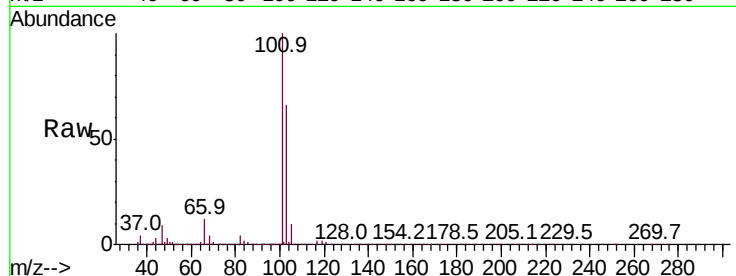
Trichlorofluoromethane
Concen: 19.963 ug/l
RT: 1.93 min Scan# 128
Delta R.T. 0.01 min
Lab File: VX006691.D
Acq: 20 Dec 2018 22:54

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VX1220WBS02

Tot Ion	Ratio	Resp	Lower	Upper
101	100	182559		
103	65.8	53.2	79.8	

Manual Integrations
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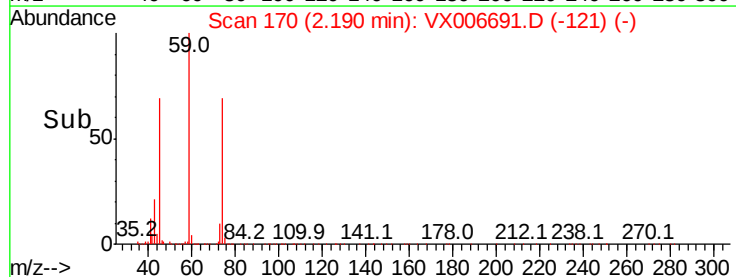
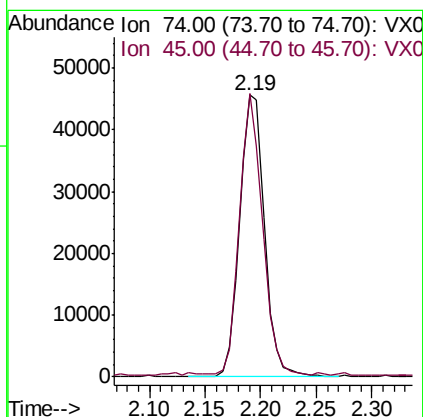
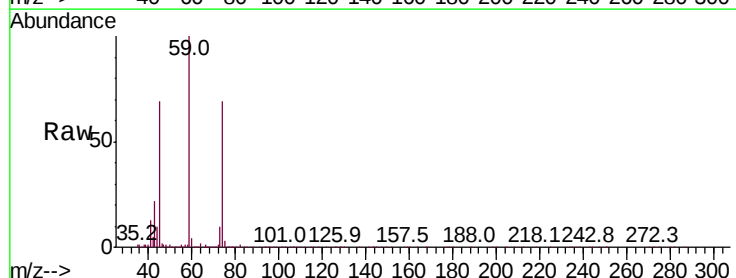
MMDadoda
12/21/2018 10:19:22 AM

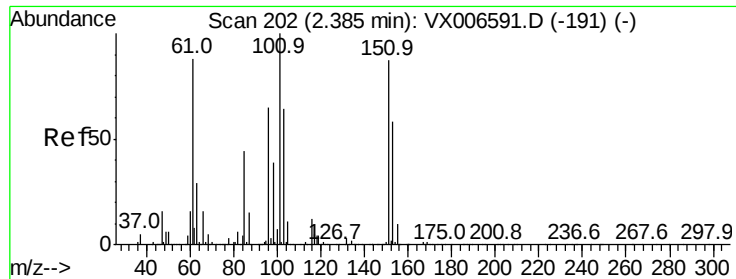


#8

Diethyl Ether
Concen: 19.403 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX006691.D
Acq: 20 Dec 2018 22:54

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	70476		
45	92.3	46.3	138.9	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.458 ug/l

RT: 2.39 min Scan# 202

Delta R.T. -0.00 min

Lab File: VX006691.D

Acq: 20 Dec 2018 22:54

Instrument :

MSVOA_X

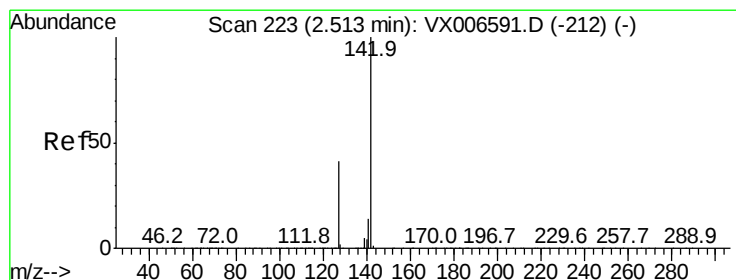
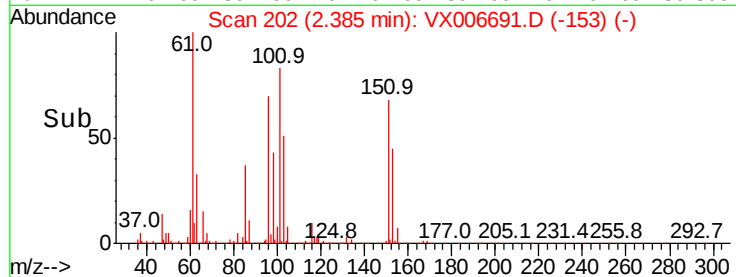
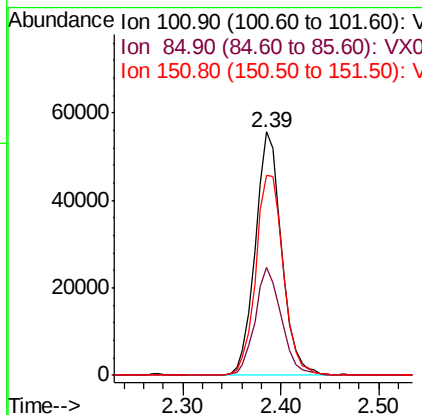
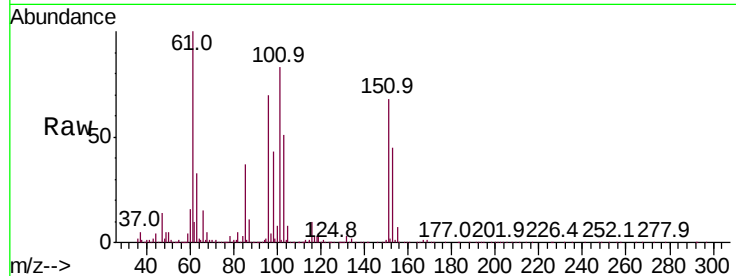
ClientSampleId :

VX1220WBS02

Tot Ion:	101	Resp:	104475
Ion Ratio	Lower	Upper	
101	100		
85	44.6	35.1	52.7
151	86.8	68.9	103.3

Manual Integrations
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#10

Methyl Iodide

Concen: 19.591 ug/l

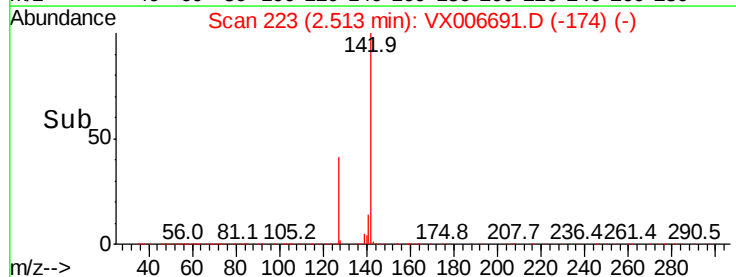
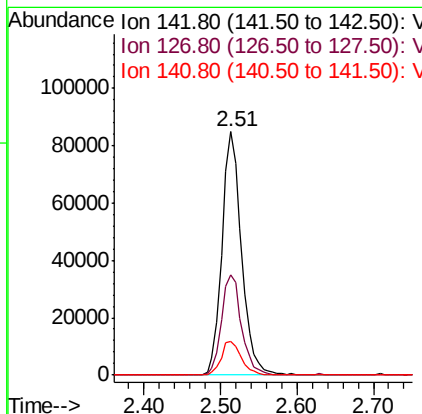
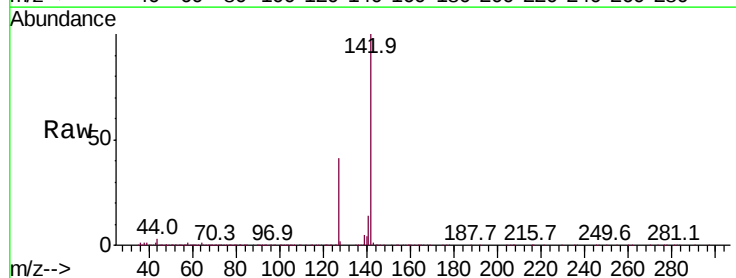
RT: 2.51 min Scan# 223

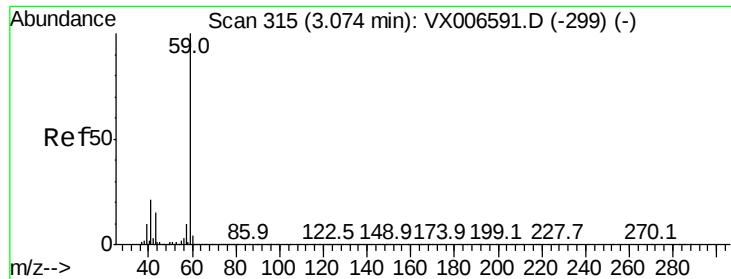
Delta R.T. -0.00 min

Lab File: VX006691.D

Acq: 20 Dec 2018 22:54

Tgt Ion:	142	Resp:	150576
Ion Ratio	Lower	Upper	
142	100		
127	41.8	33.9	50.9
141	14.4	11.4	17.0





#11

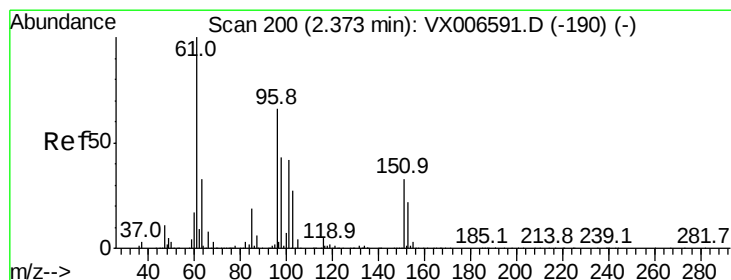
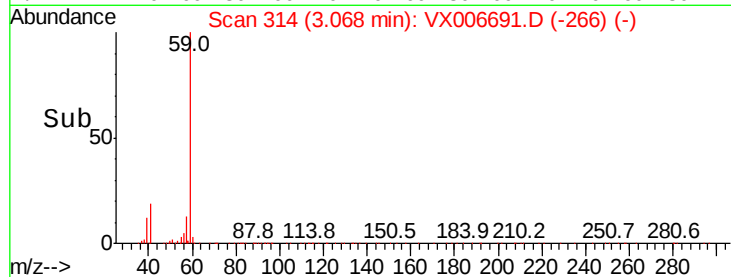
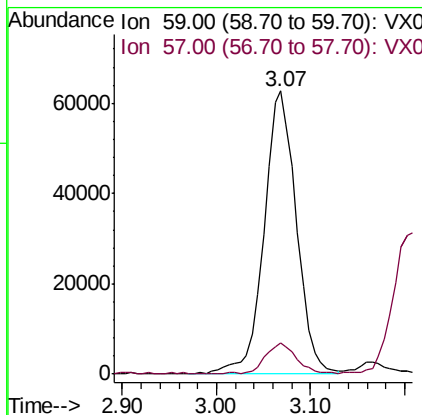
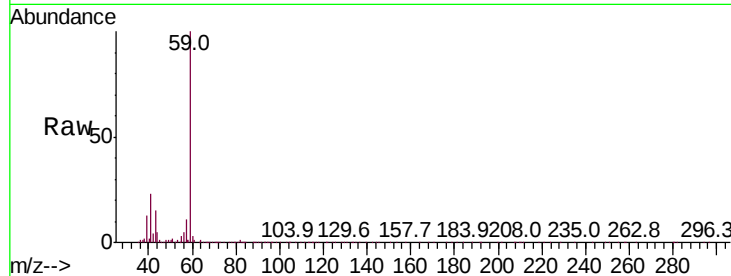
Tert butyl alcohol
Concen: 110.546 ug/l
RT: 3.07 min Scan# 314
Delta R.T. -0.01 min
Lab File: VX006691.D
Acq: 20 Dec 2018 22:54

Instrument :
MSVOA_X
ClientSampleId :
VX1220WBS02

Tot Ion	59	57	Ratio	100	10.8	Resp	Lower	Upper
151509								
							8.5	12.7

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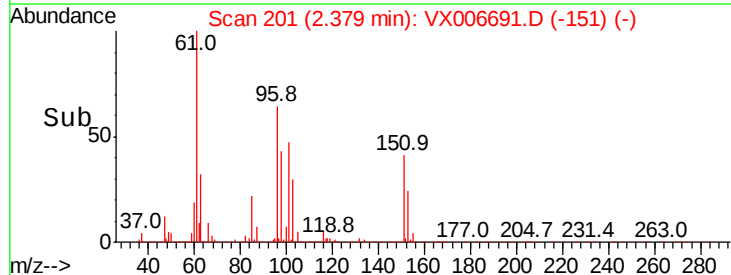
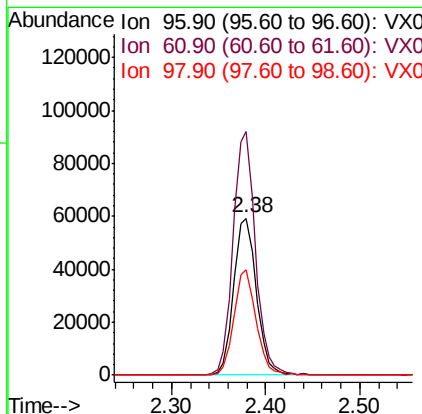
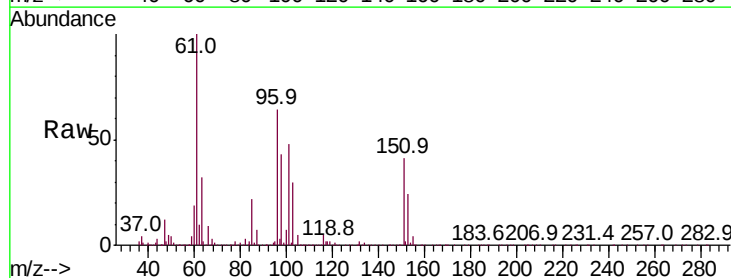
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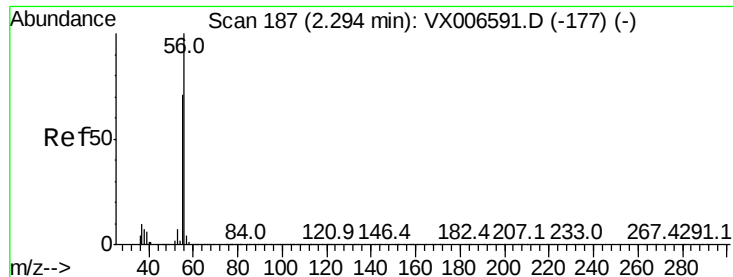


#12

1,1-Dichloroethene
Concen: 19.706 ug/l
RT: 2.38 min Scan# 201
Delta R.T. 0.01 min
Lab File: VX006691.D
Acq: 20 Dec 2018 22:54

Tgt Ion	96	61	98	Ratio	100	155.0	66.9	Resp	Lower	Upper
100326										
									121.4	182.2
									51.9	77.9





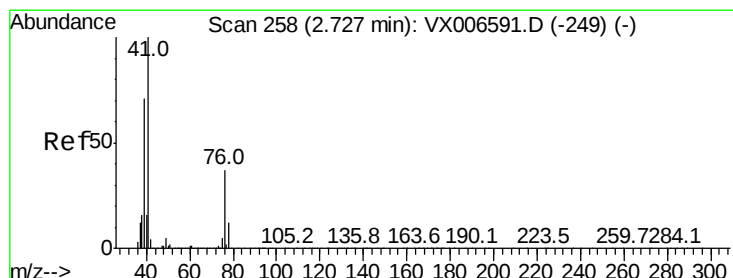
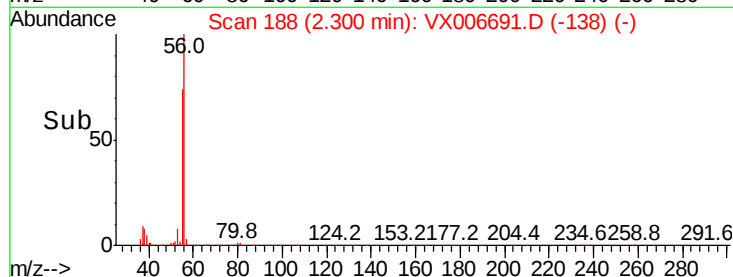
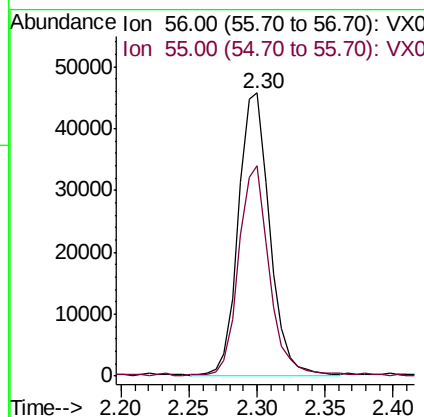
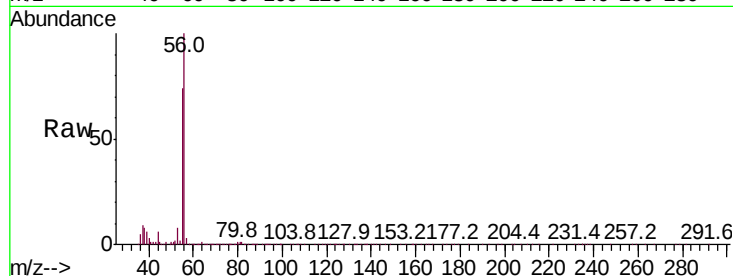
#13
Acrolein
Concen: 79.240 ug/l
RT: 2.30 min Scan# 188
Delta R.T. 0.01 min
Lab File: VX006691.D
Acq: 20 Dec 2018 22:54

Instrument :
MSVOA_X
ClientSampleId :
VX1220WBS02

Tot Ion: 56 Resp: 73264
Ion Ratio Lower Upper
56 100
55 71.8 58.2 87.4

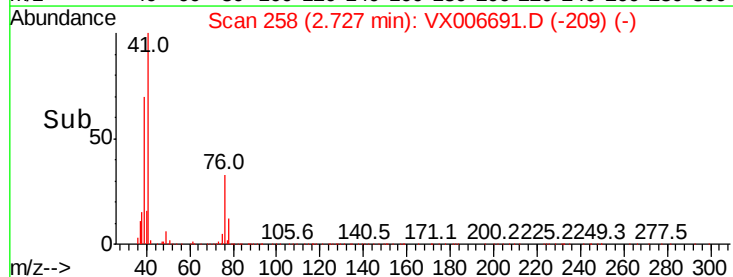
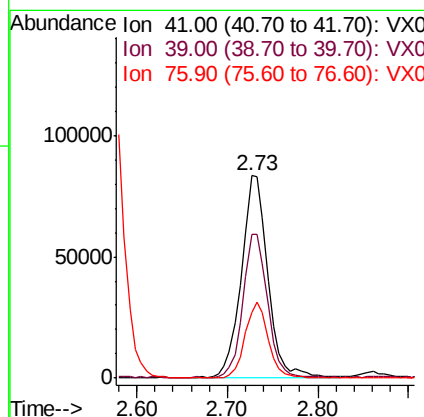
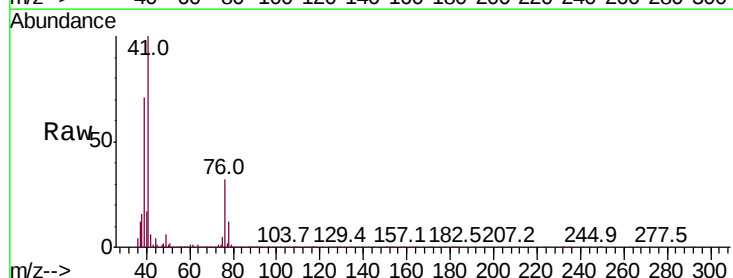
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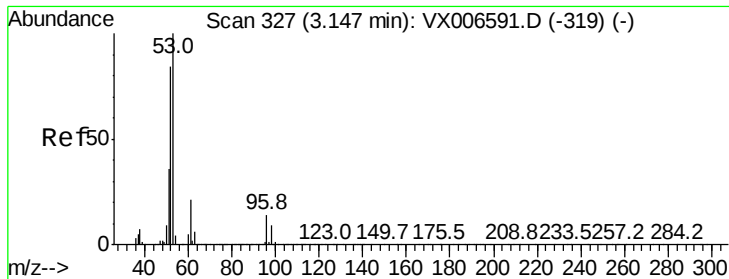
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#14
Allyl chloride
Concen: 19.558 ug/l
RT: 2.73 min Scan# 258
Delta R.T. -0.00 min
Lab File: VX006691.D
Acq: 20 Dec 2018 22:54

Tgt Ion: 41 Resp: 167606
Ion Ratio Lower Upper
41 100
39 65.8 53.6 80.4
76 32.8 27.4 41.2





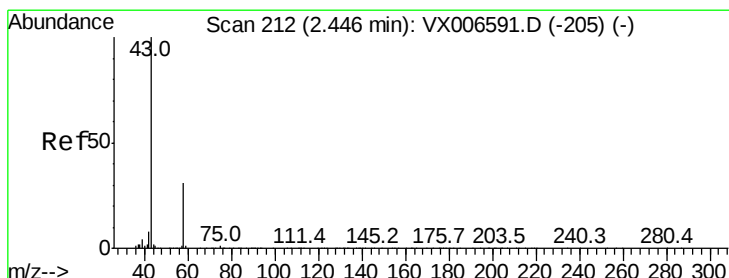
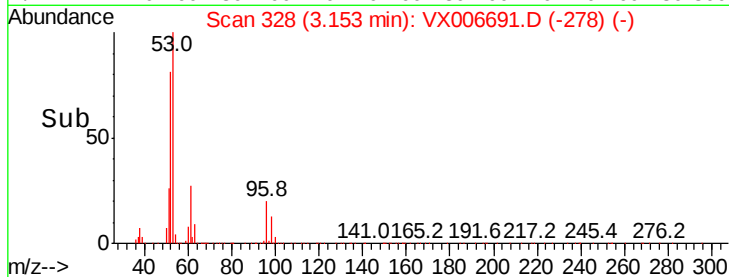
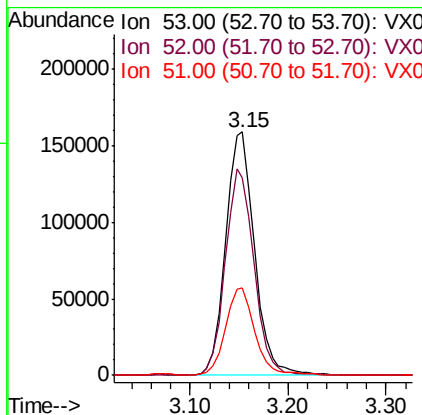
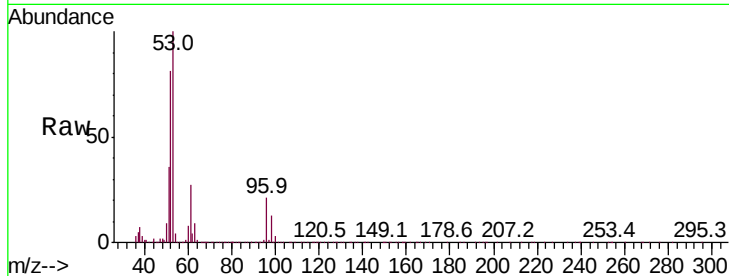
#15
 Acrylonitrile
 Concen: 106.254 ug/l
 RT: 3.15 min Scan# 328
 Delta R.T. 0.01 min
 Lab File: VX006691.D
 Acq: 20 Dec 2018 22:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1220WBS02

Tot Ion	Ratio	Lower	Upper
53	100		
52	84.6	66.0	99.0
51	36.6	28.6	42.8

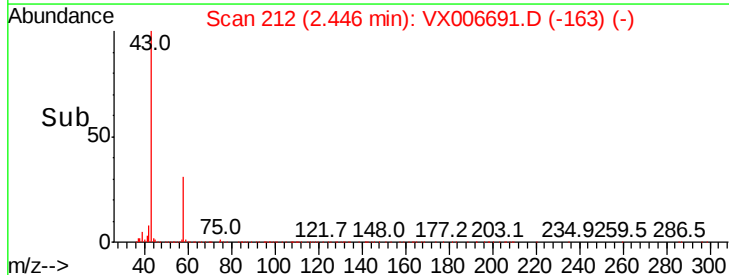
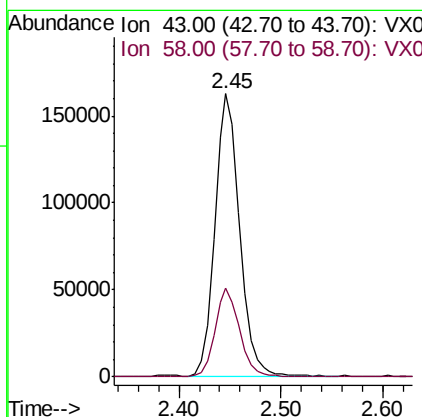
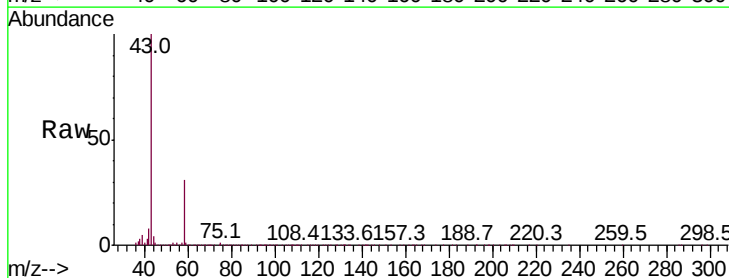
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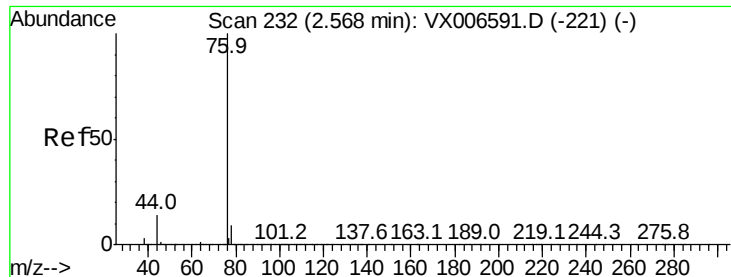
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#16
 Acetone
 Concen: 97.008 ug/l
 RT: 2.45 min Scan# 212
 Delta R.T. -0.00 min
 Lab File: VX006691.D
 Acq: 20 Dec 2018 22:54

Tgt Ion	Ratio	Lower	Upper
43	100		
58	31.2	25.0	37.6





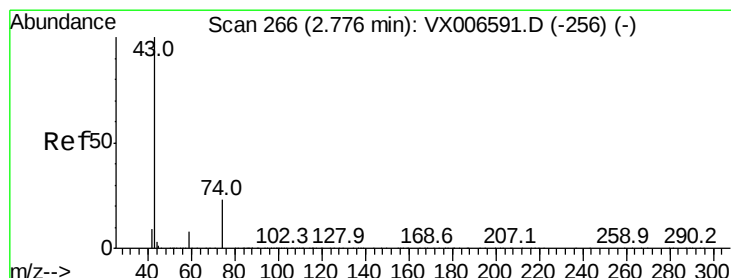
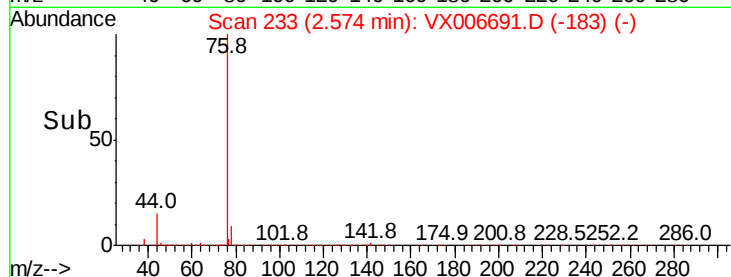
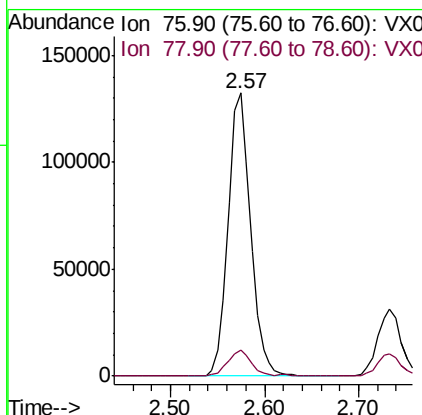
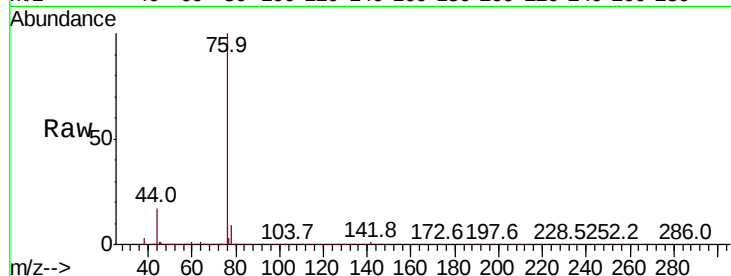
#17
Carbon Disulfide
Concen: 16.368 ug/l
RT: 2.57 min Scan# 233
Delta R.T. 0.01 min
Lab File: VX006691.D
Acq: 20 Dec 2018 22:54

Instrument :
MSVOA_X
ClientSampleId :
VX1220WBS02

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.2	7.0	10.6

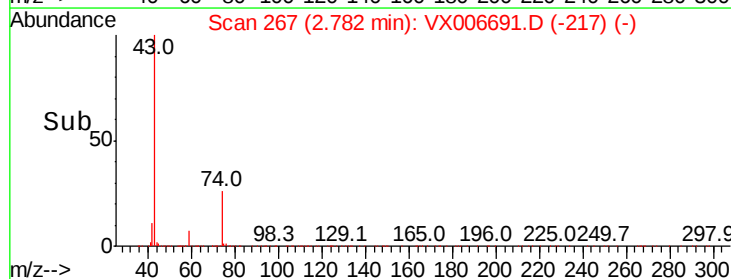
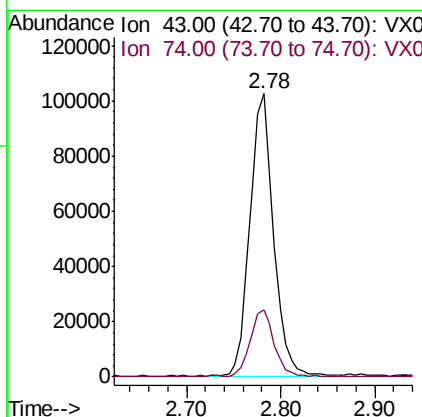
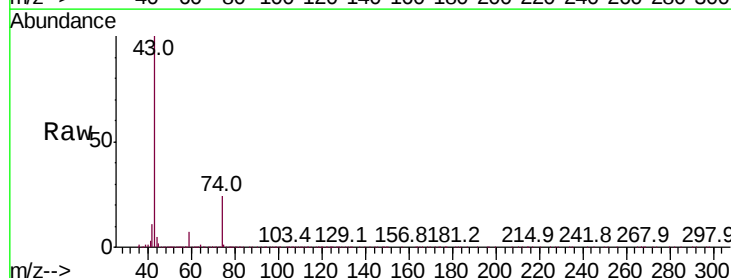
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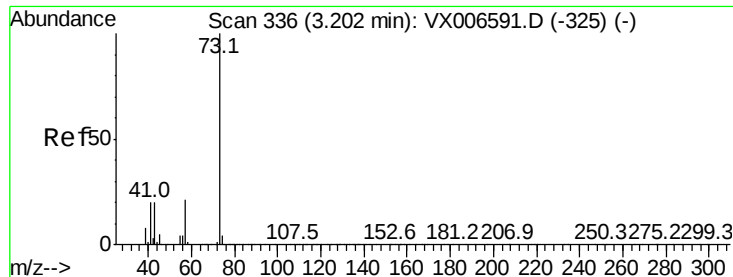
MMDadoda
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#18
Methyl Acetate
Concen: 21.848 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.01 min
Lab File: VX006691.D
Acq: 20 Dec 2018 22:54

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.5	18.6	28.0





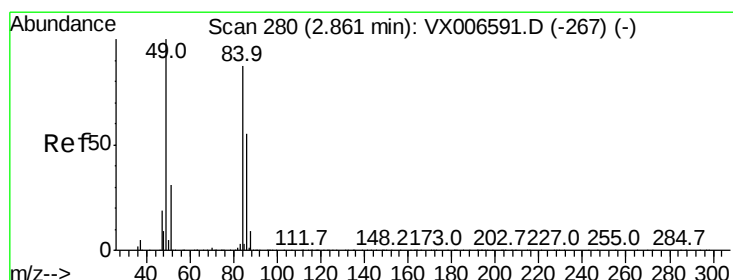
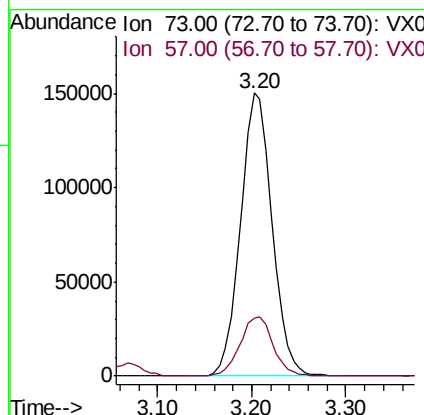
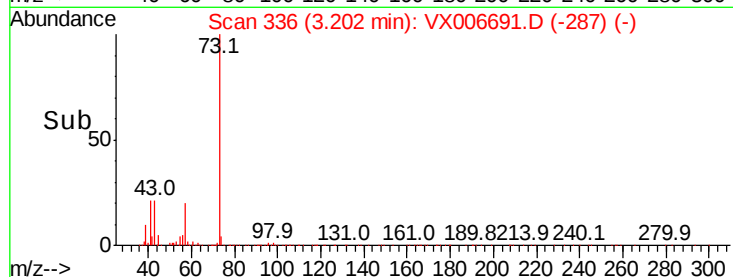
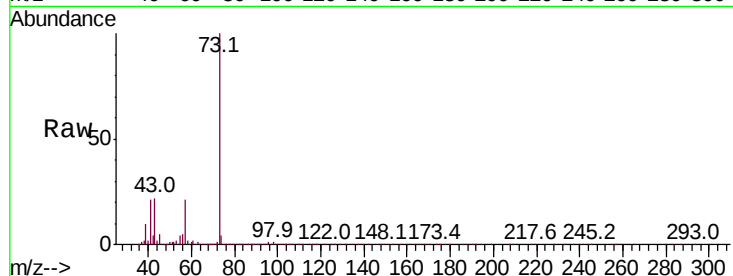
#19
Methvl tert-butvl Ether
Concen: 20.790 ug/l
RT: 3.20 min Scan# 336
Delta R.T. -0.00 min
Lab File: VX006691.D
Acq: 20 Dec 2018 22:54

Instrument :
MSVOA_X
ClientSampleId :
VX1220WBS02

Tot Ion: 73 Resp: 351295
Ion Ratio Lower Upper
73 100
57 20.4 16.8 25.2

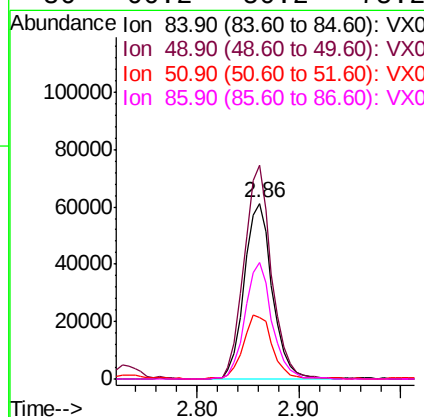
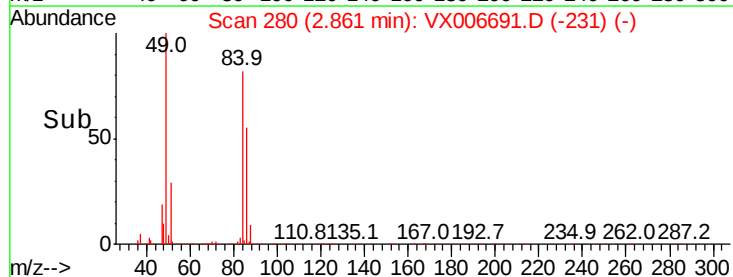
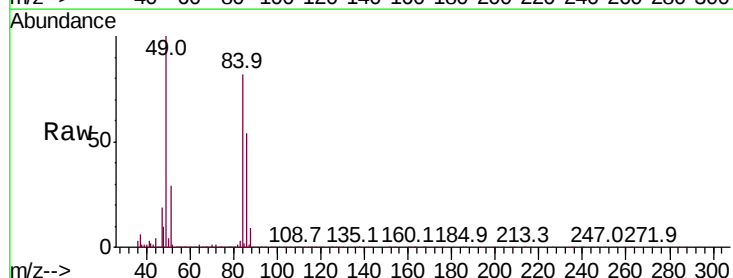
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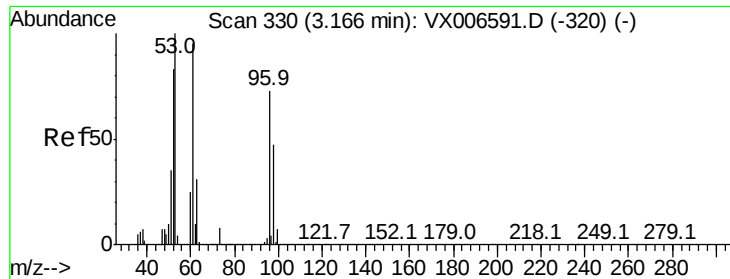
MMDadoda
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#20
Methylene Chloride
Concen: 19.943 ug/l
RT: 2.86 min Scan# 280
Delta R.T. -0.00 min
Lab File: VX006691.D
Acq: 20 Dec 2018 22:54

Tgt Ion: 84 Resp: 116354
Ion Ratio Lower Upper
84 100
49 121.4 91.8 137.6
51 34.8 28.5 42.7
86 66.2 50.2 75.2





#21

trans-1,2-Dichloroethene

Concen: 18.996 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX006691.D

Acq: 20 Dec 2018 22:54

Instrument :

MSVOA_X

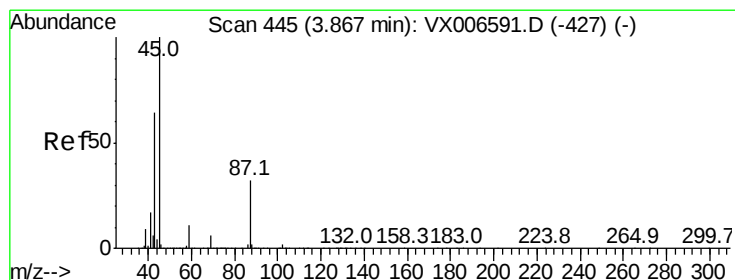
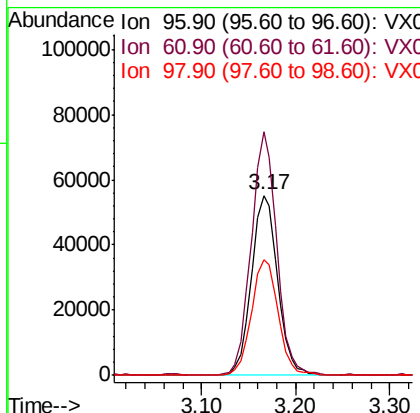
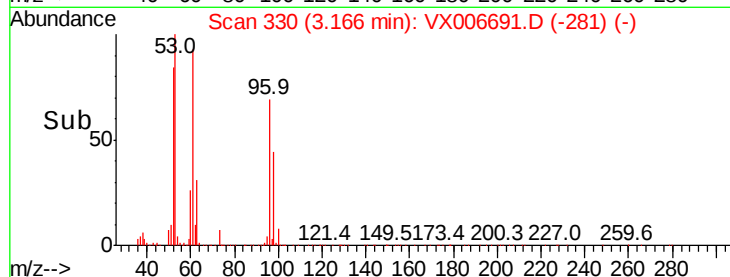
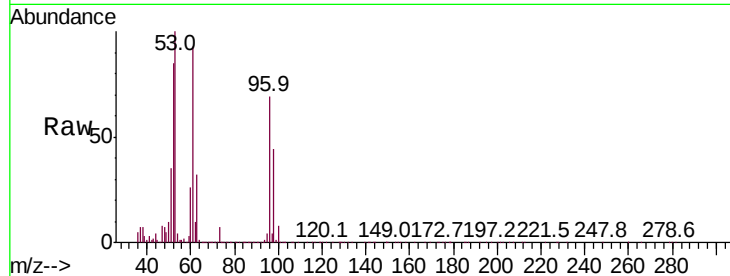
ClientSampleId :

VX1220WBS02

Tot Ion:	96	Resp:	107157
Ion Ratio	Lower	Upper	
96	100		
61	135.3	103.7	155.5
98	64.7	51.0	76.6

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#22

Diisopropyl ether

Concen: 21.159 ug/l

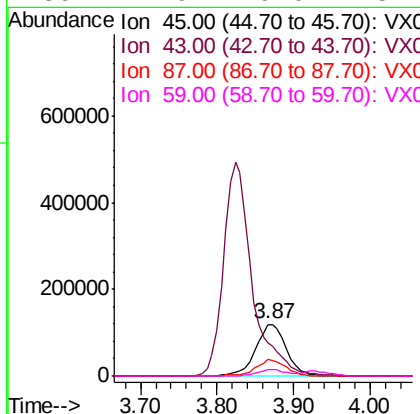
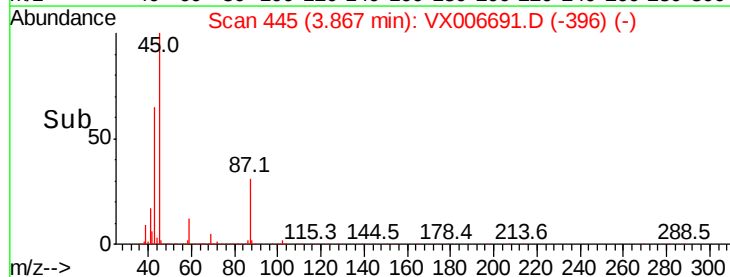
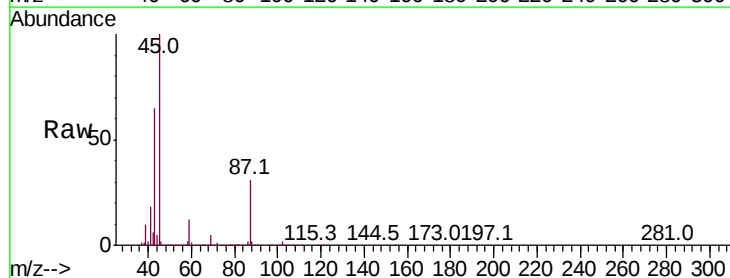
RT: 3.87 min Scan# 445

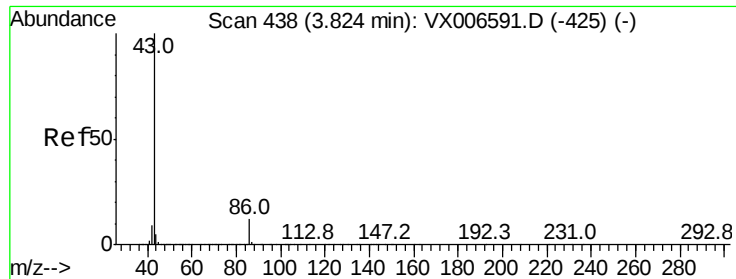
Delta R.T. -0.00 min

Lab File: VX006691.D

Acq: 20 Dec 2018 22:54

Tgt Ion:	45	Resp:	331718
Ion Ratio	Lower	Upper	
45	100		
43	65.0	51.2	76.8
87	31.3	25.8	38.6
59	11.9	9.0	13.4





#23

Vinyl Acetate

Concen: 99.809 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.00 min

Lab File: VX006691.D

Acq: 20 Dec 2018 22:54

Instrument :

MSVOA_X

ClientSampleId :

VX1220WBS02

Tot Ion: 43 Resp: 1279924

Ion Ratio Lower Upper

43 100

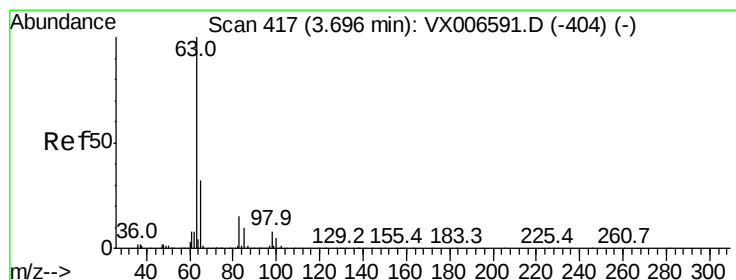
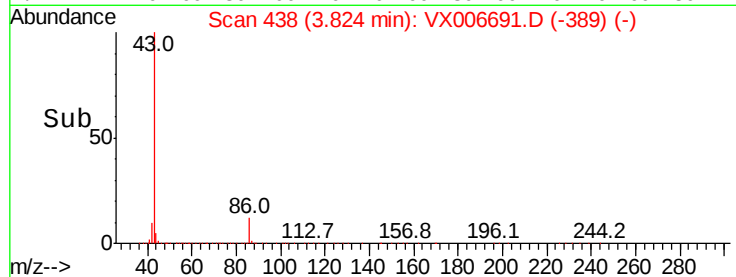
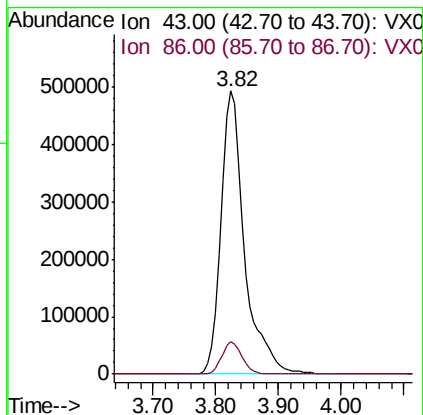
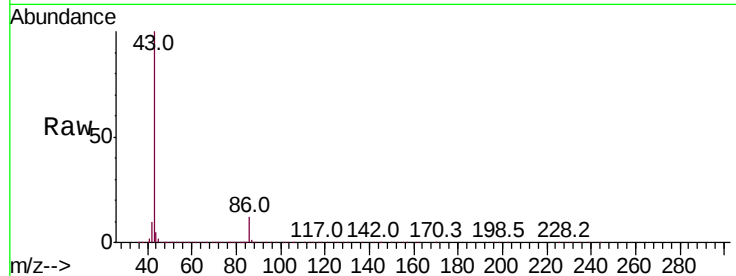
86 11.6 9.2 13.8

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#24

1,1-Dichloroethane

Concen: 19.498 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX006691.D

Acq: 20 Dec 2018 22:54

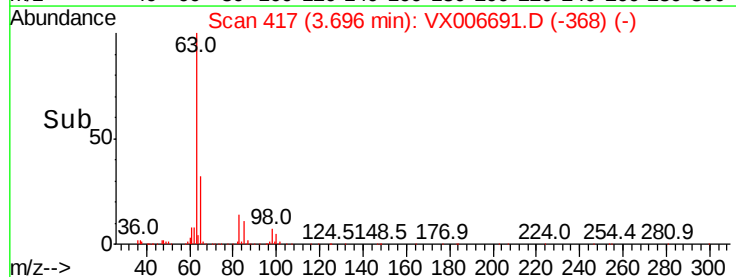
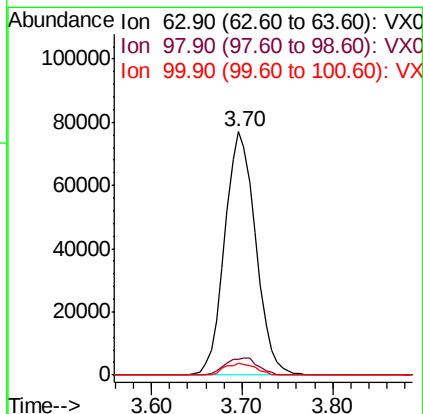
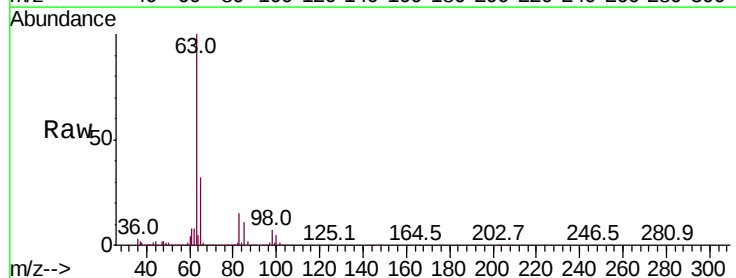
Tgt Ion: 63 Resp: 182478

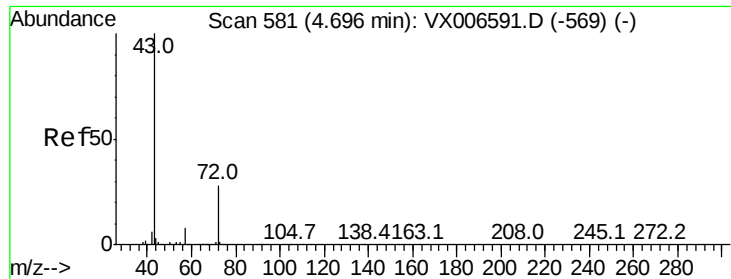
Ion Ratio Lower Upper

63 100

98 6.5 3.9 11.5

100 5.0 2.4 7.2





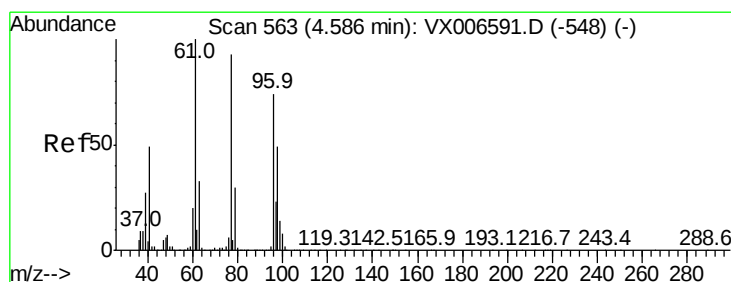
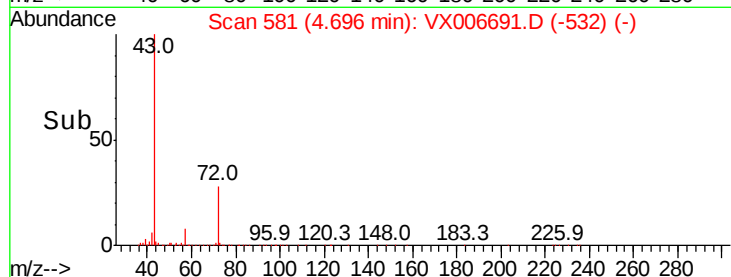
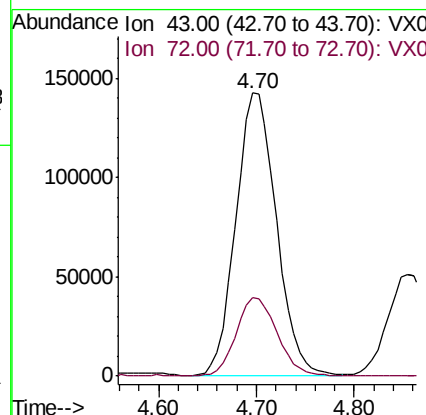
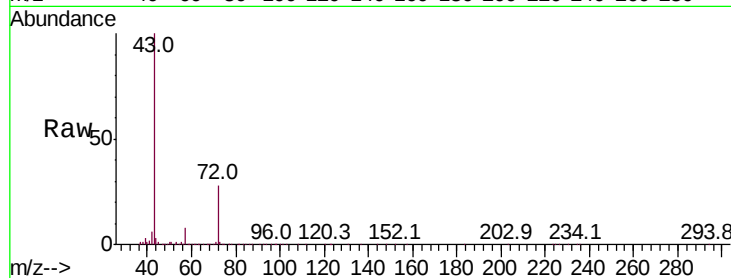
#25
2-Butanone
Concen: 103.282 ug/l
RT: 4.70 min Scan# 581
Delta R.T. -0.00 min
Lab File: VX006691.D
Acq: 20 Dec 2018 22:54

Instrument :
MSVOA_X
ClientSampleId :
VX1220WBS02

Tot Ion: 43 Resp: 409898
Ion Ratio Lower Upper
43 100
72 27.9 22.4 33.6

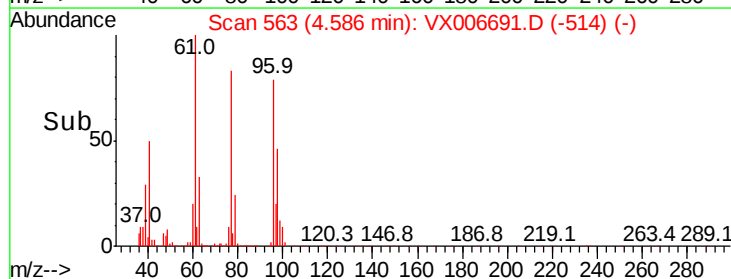
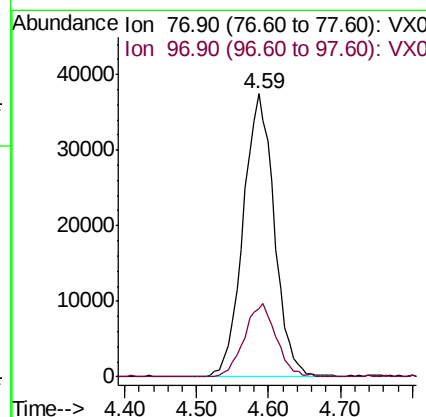
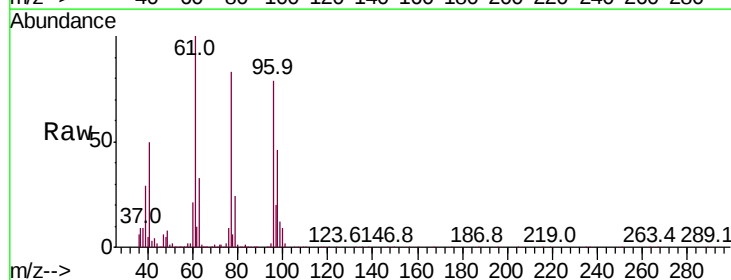
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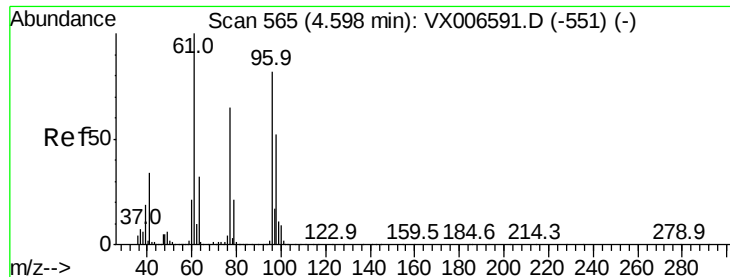
MMDadoda
12/21/2018 10:19:22 AM



#26
2,2-Dichloropropane
Concen: 15.582 ug/l
RT: 4.59 min Scan# 563
Delta R.T. -0.00 min
Lab File: VX006691.D
Acq: 20 Dec 2018 22:54

Tgt Ion: 77 Resp: 112647
Ion Ratio Lower Upper
77 100
97 26.4 12.4 37.4





#27

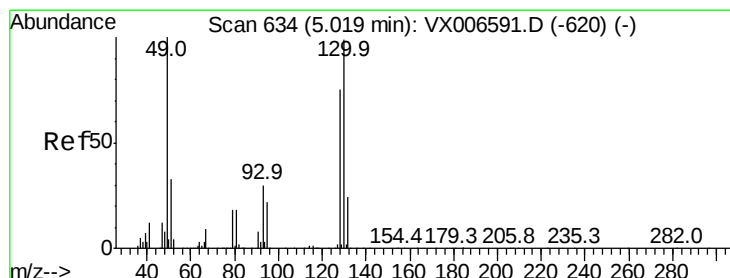
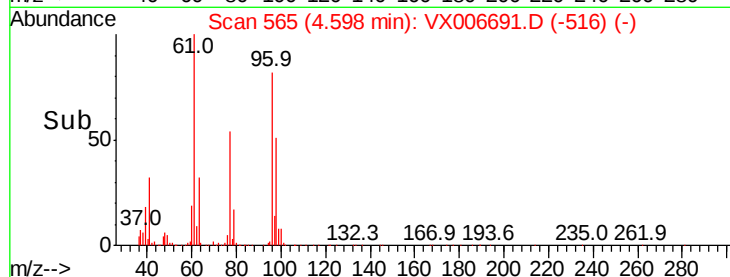
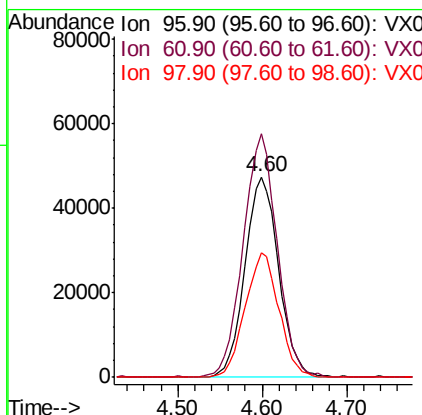
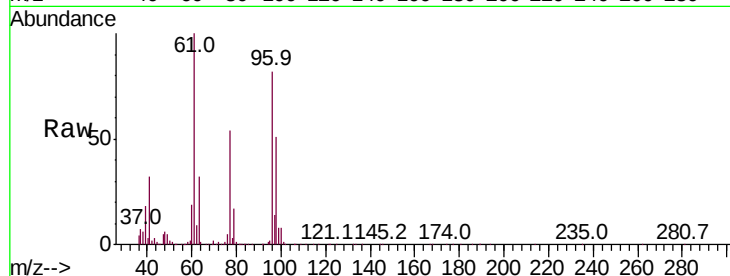
cis-1,2-Dichloroethene
Concen: 20.692 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX006691.D
Acq: 20 Dec 2018 22:54

Instrument :
MSVOA_X
ClientSampleId :
VX1220WBS02

Tot Ion	Ratio	Resp	Lower	Upper
96	100	128781		
61	121.6	0.0	258.6	
98	62.3	0.0	132.0	

Manual Integrations
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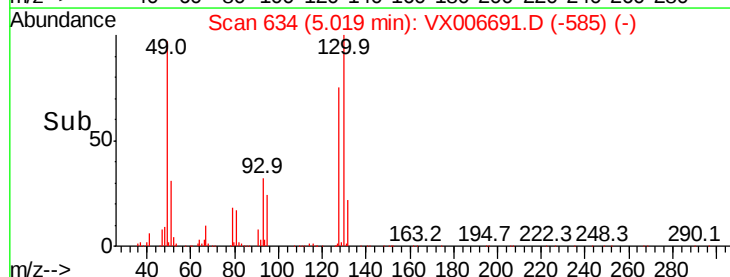
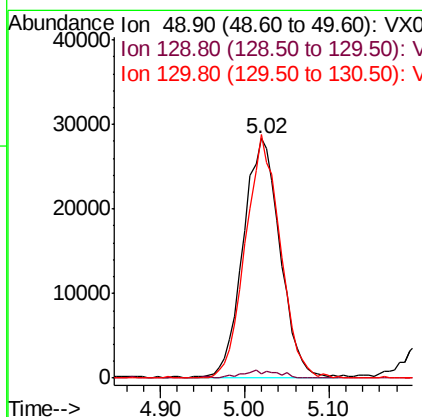
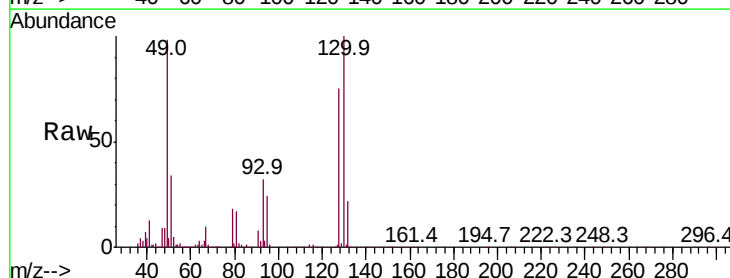
MMDadoda
12/21/2018 10:19:22 AM

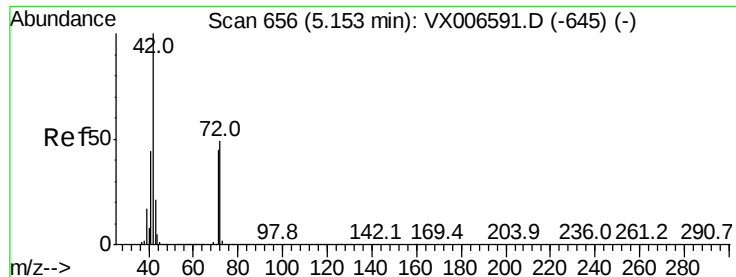


#28

Bromochloromethane
Concen: 20.414 ug/l
RT: 5.02 min Scan# 634
Delta R.T. -0.00 min
Lab File: VX006691.D
Acq: 20 Dec 2018 22:54

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	84863		
129	1.4	0.0	5.4	
130	95.0	77.7	116.5	





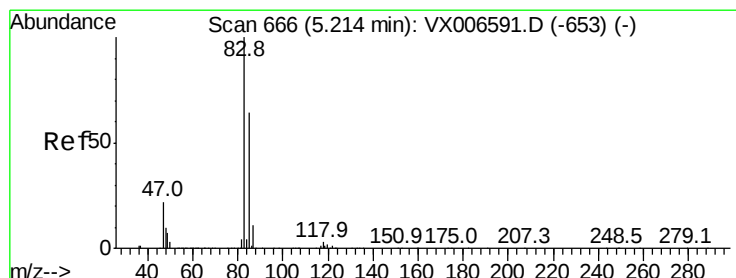
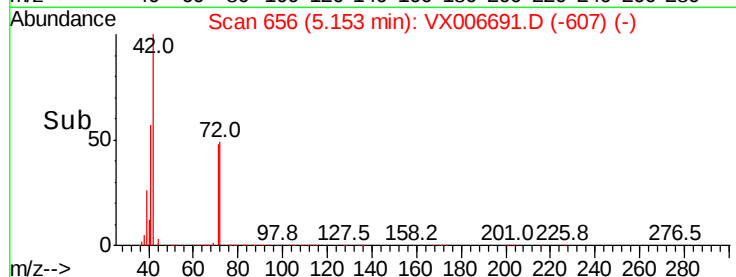
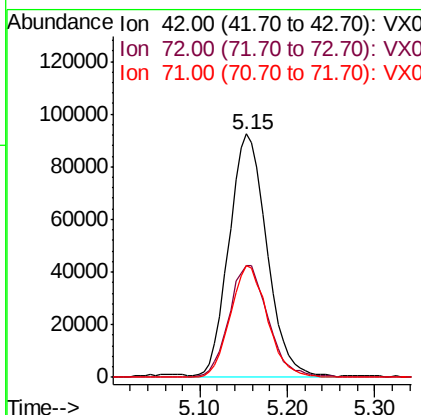
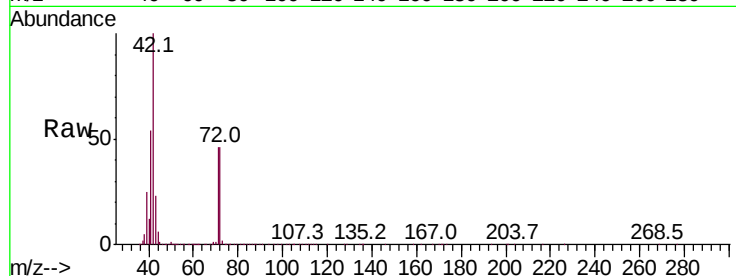
#29
Tetrahydrofuran
Concen: 105.616 ug/l
RT: 5.15 min Scan# 656
Delta R.T. -0.00 min
Lab File: VX006691.D
Acq: 20 Dec 2018 22:54

Instrument :
MSVOA_X
ClientSampleId :
VX1220WBS02

Tot Ion	Ratio	Lower	Upper
42	100		
72	47.9	38.9	58.3
71	44.9	36.2	54.4

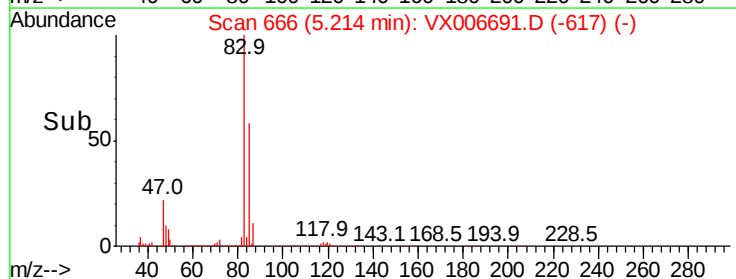
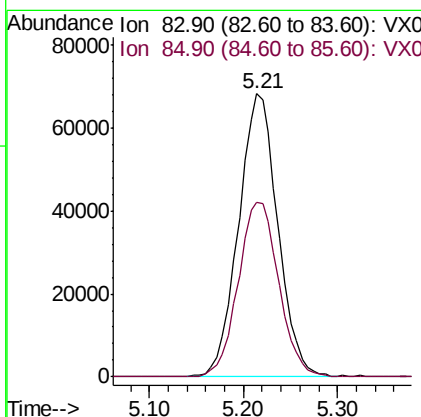
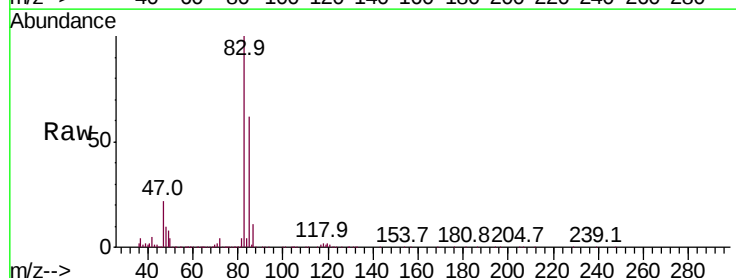
Manual Integrations
APPROVED

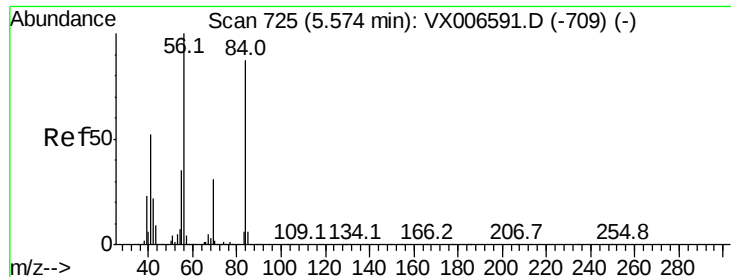
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#30
Chloroform
Concen: 20.490 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX006691.D
Acq: 20 Dec 2018 22:54

Tgt Ion	Ratio	Lower	Upper
83	100		
85	61.6	51.2	76.8





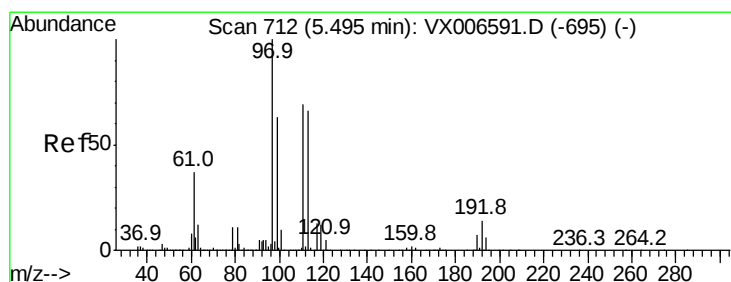
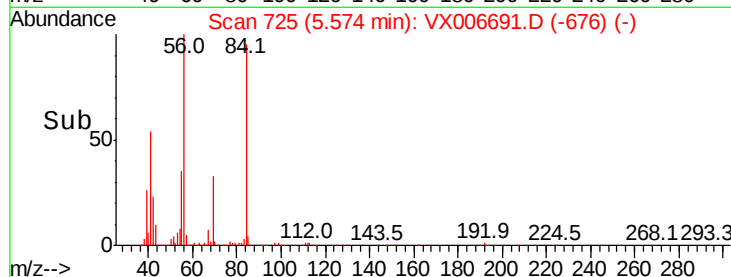
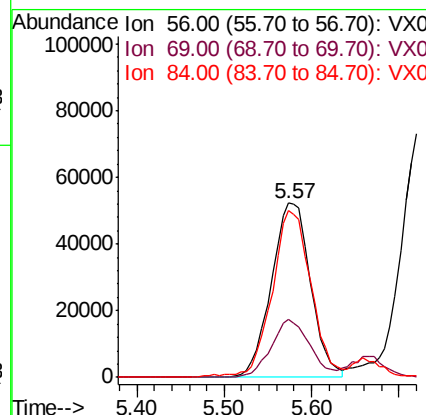
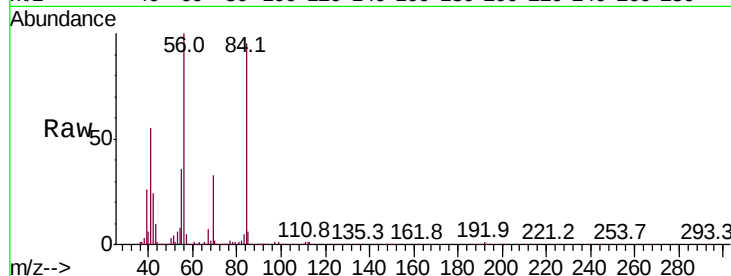
#31
Cyclohexane
Concen: 19.176 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.00 min
Lab File: VX006691.D
Acq: 20 Dec 2018 22:54

Instrument :
MSVOA_X
ClientSampleId :
VX1220WBS02

Tot Ion	Ratio	Lower	Upper
56	100		
69	32.7	24.4	36.6
84	95.2	70.0	105.0

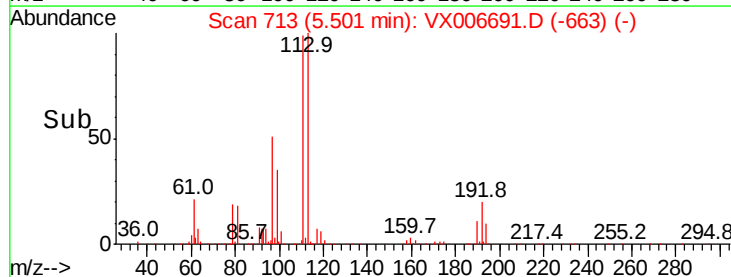
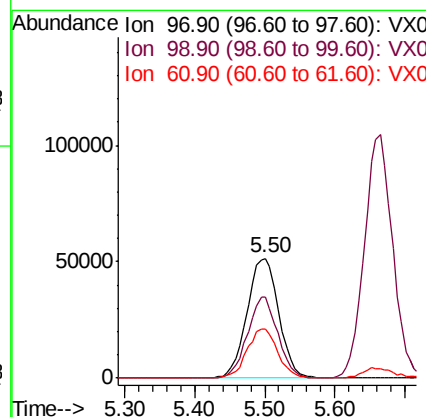
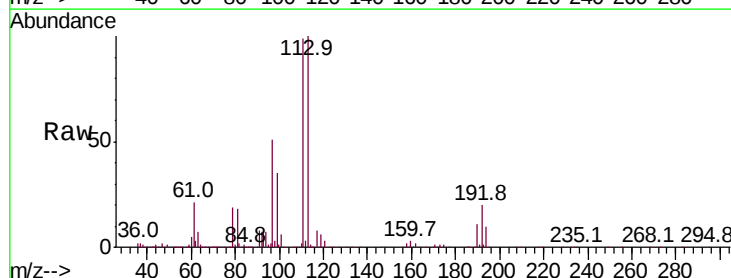
Manual Integrations
APPROVED

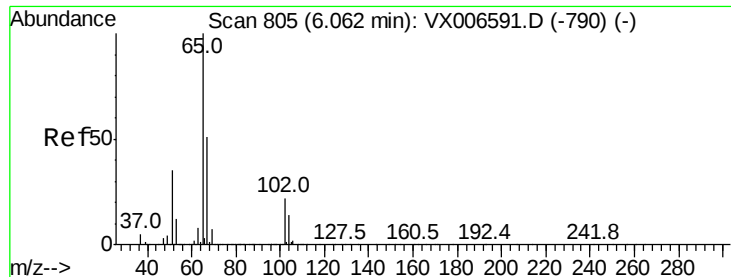
MMDadoda
12/21/2018 10:19:22 AM



#32
1,1,1-Trichloroethane
Concen: 19.773 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.01 min
Lab File: VX006691.D
Acq: 20 Dec 2018 22:54

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.6	51.7	77.5
61	40.1	31.3	46.9





#33

1,2-Dichloroethane-d4

Concen: 51.906 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.01 min

Lab File: VX006691.D

Acq: 20 Dec 2018 22:54

Instrument :

MSVOA_X

ClientSampleId :

VX1220WBS02

Tot Ion: 65 Resp: 318763

Ion Ratio Lower Upper

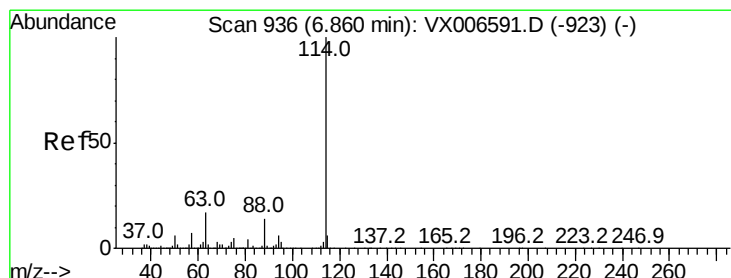
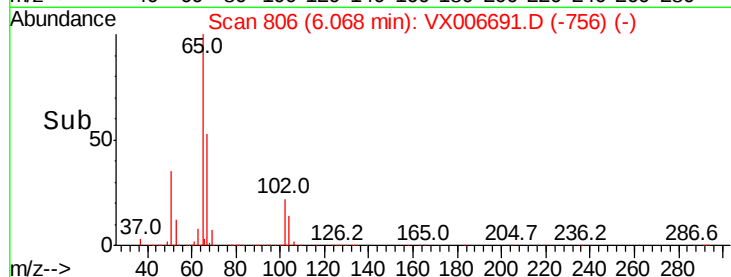
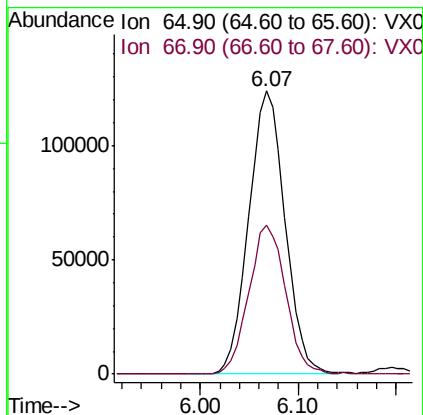
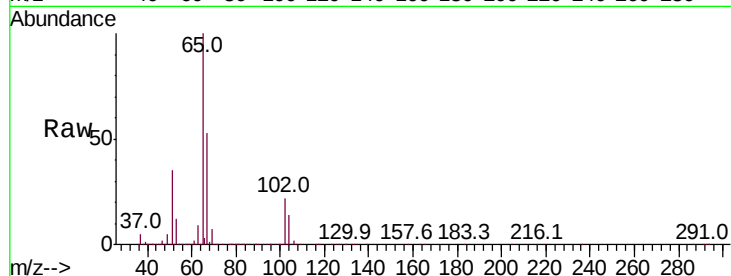
65 100

67 53.5 0.0 105.0

Manual Integrations
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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: VX006691.D

Acq: 20 Dec 2018 22:54

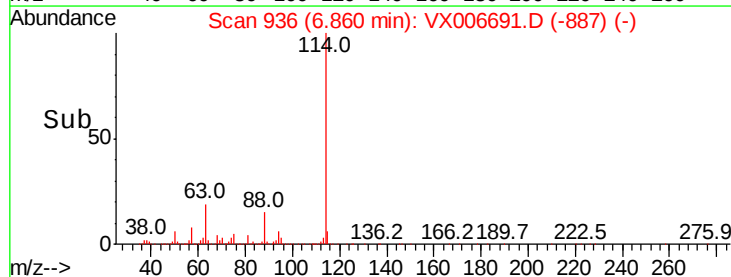
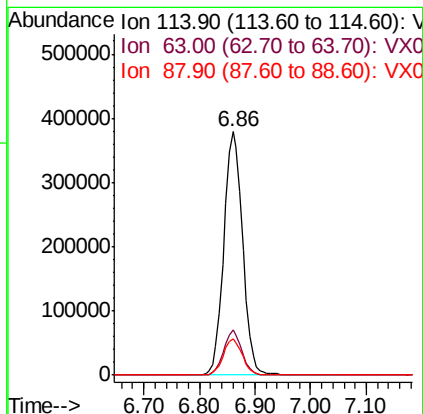
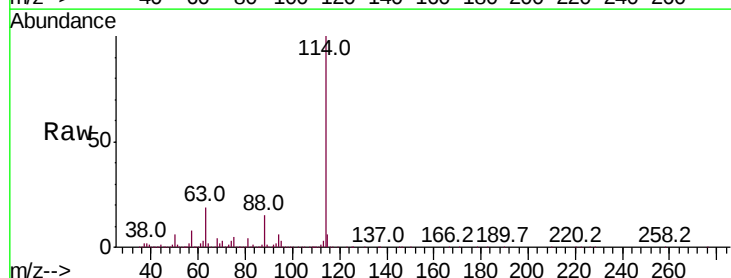
Tgt Ion: 114 Resp: 886503

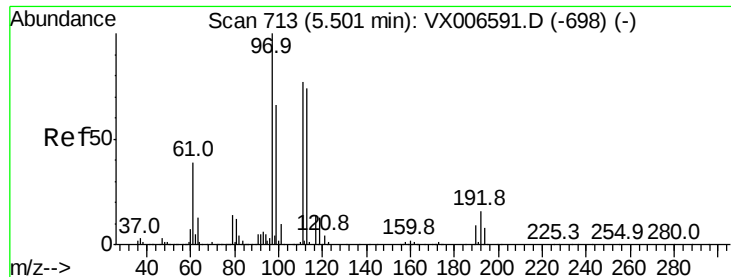
Ion Ratio Lower Upper

114 100

63 18.6 0.0 34.8

88 14.8 0.0 28.8





#35

Dibromofluoromethane

Concen: 50.421 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX006691.D

Acq: 20 Dec 2018 22:54

Instrument :

MSVOA_X

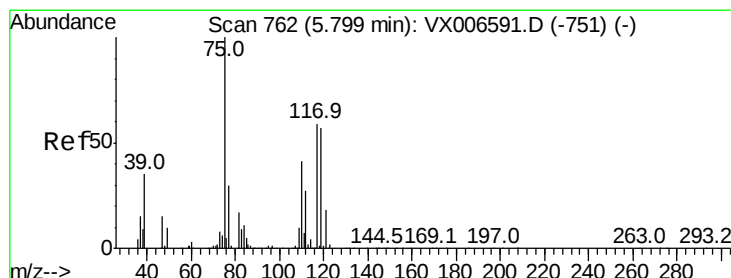
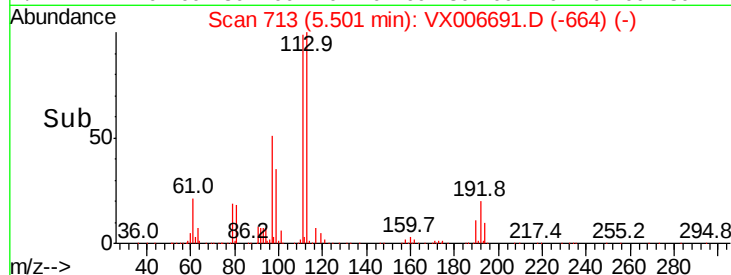
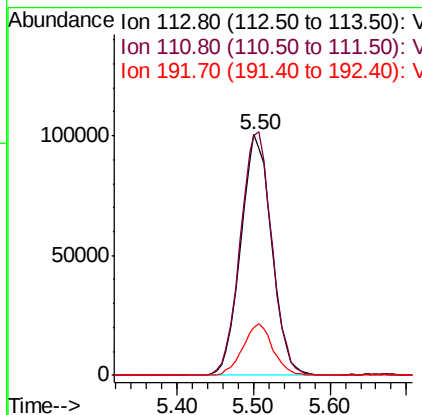
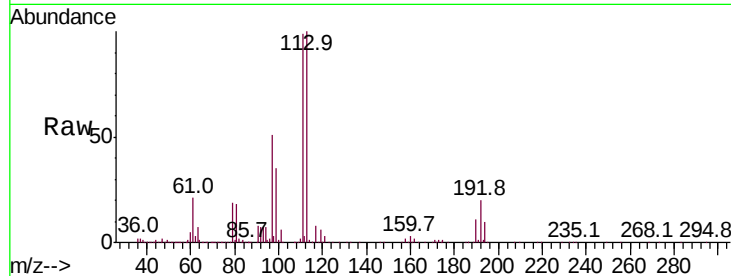
ClientSampleId :

VX1220WBS02

Tot Ion:	113	Resp:	282666
Ion Ratio		Lower	Upper
113	100		
111	102.8	81.6	122.4
192	20.9	16.7	25.1

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#36

1,1-Dichloropropene

Concen: 19.369 ug/l

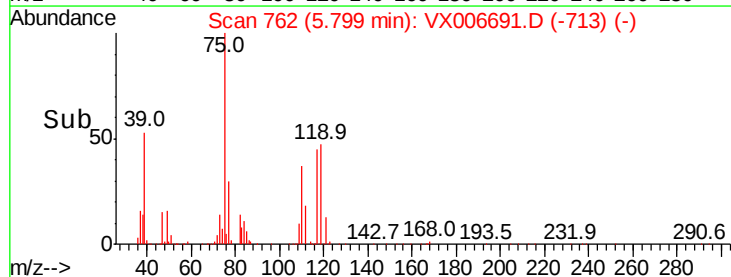
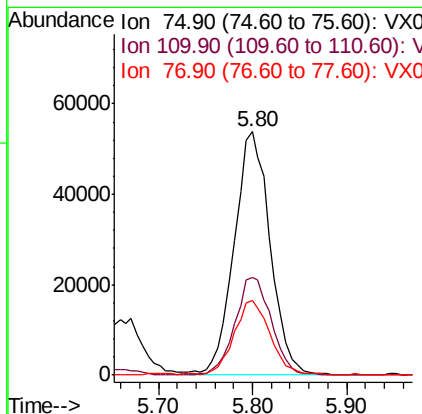
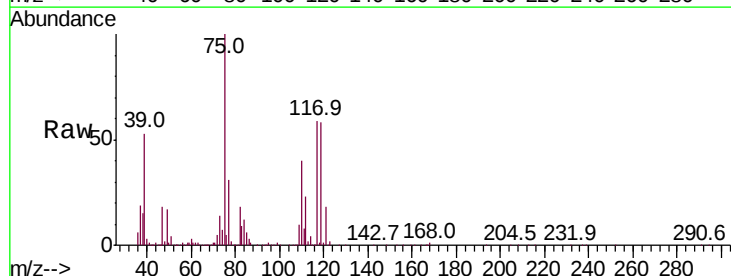
RT: 5.80 min Scan# 762

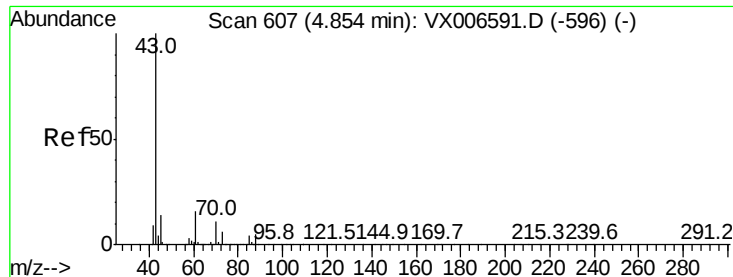
Delta R.T. -0.00 min

Lab File: VX006691.D

Acq: 20 Dec 2018 22:54

Tgt Ion:	75	Resp:	142214
Ion Ratio		Lower	Upper
75	100		
110	41.3	20.2	60.5
77	31.2	24.8	37.2





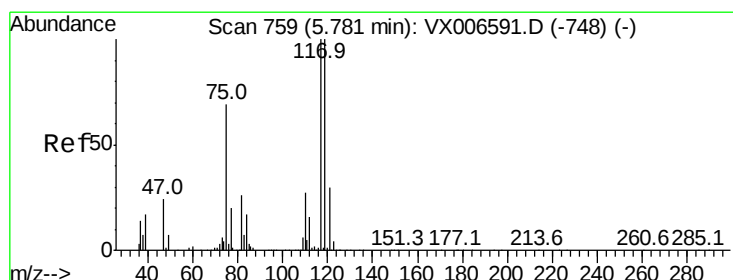
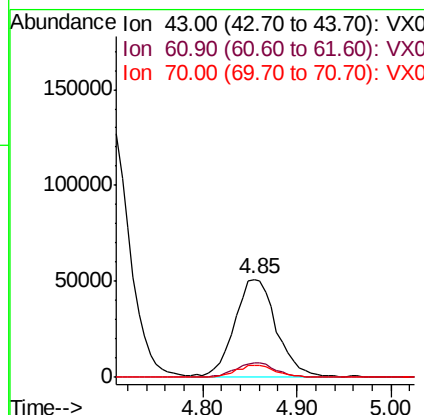
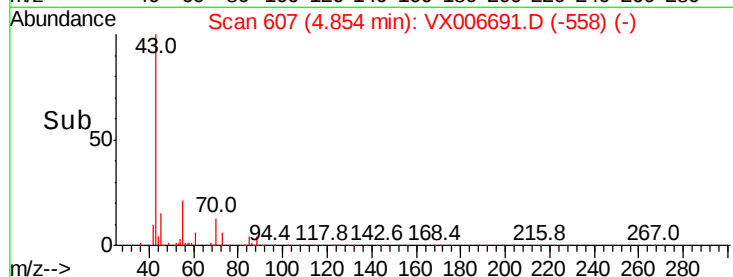
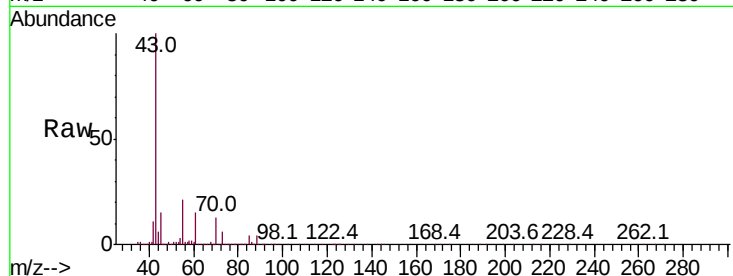
#37
Ethyl Acetate
Concen: 20.376 ug/l
RT: 4.85 min Scan# 607
Delta R.T. -0.00 min
Lab File: VX006691.D
Acq: 20 Dec 2018 22:54

Instrument :
MSVOA_X
ClientSampleId :
VX1220WBS02

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.5	11.9	17.9
70	12.4	9.7	14.5

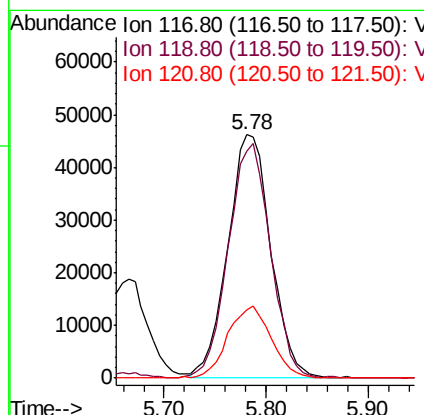
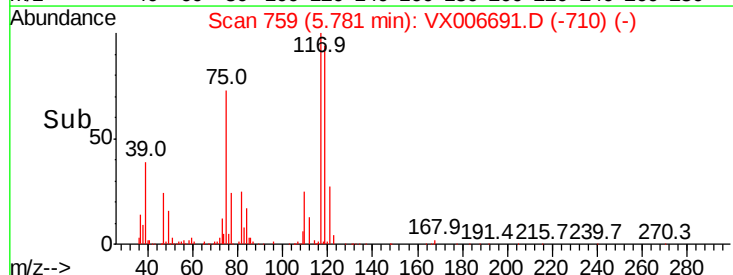
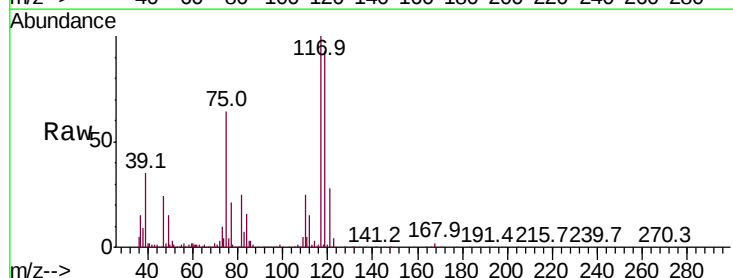
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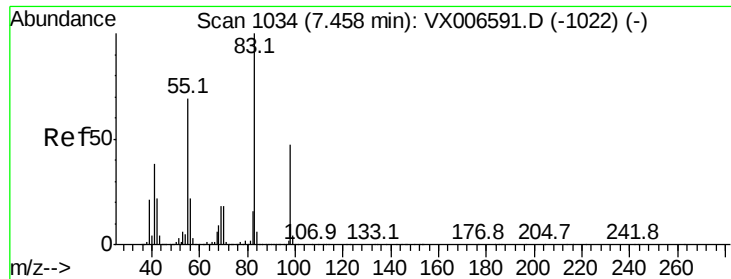
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#38
Carbon Tetrachloride
Concen: 18.949 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.00 min
Lab File: VX006691.D
Acq: 20 Dec 2018 22:54

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.2	79.4	119.2
121	27.9	24.0	36.0





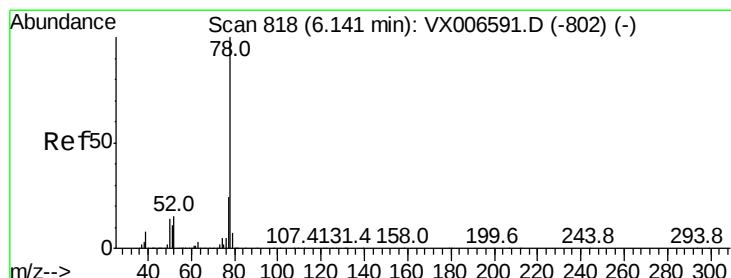
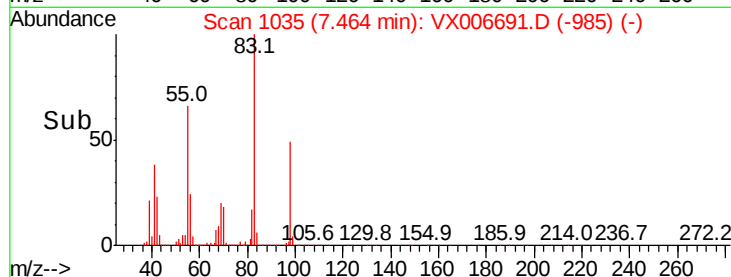
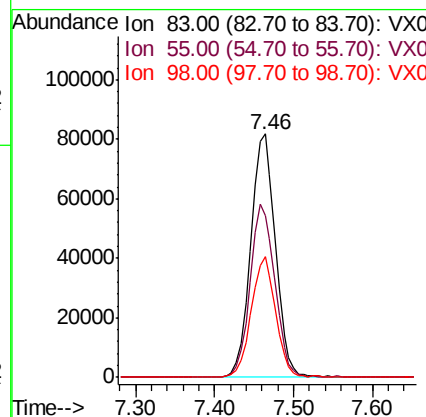
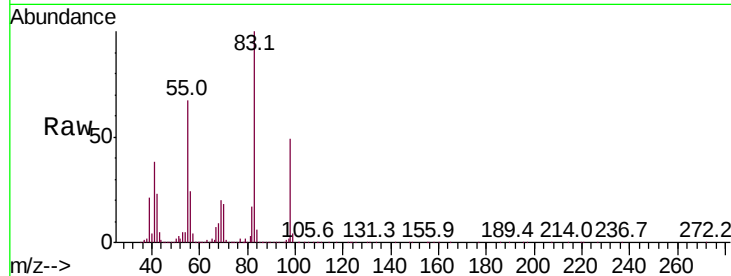
#39
Methvlcvclohexane
Concen: 18.430 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.01 min
Lab File: VX006691.D
Acq: 20 Dec 2018 22:54

Instrument :
MSVOA_X
ClientSampleId :
VX1220WBS02

Tot Ion	Ratio	Resp	Lower	Upper
83	100	178155		
55	66.3	54.9	82.3	
98	49.2	37.9	56.9	

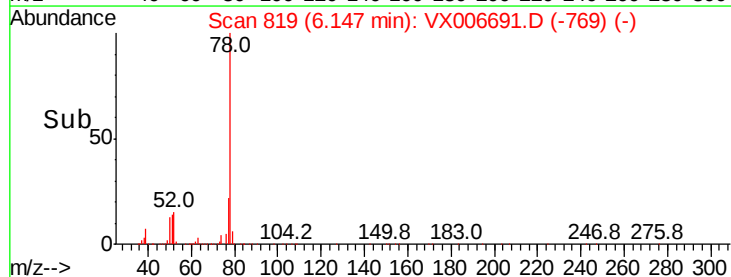
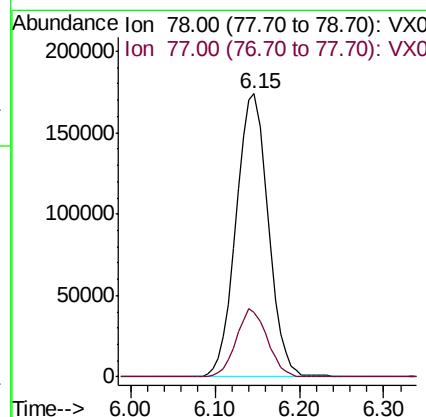
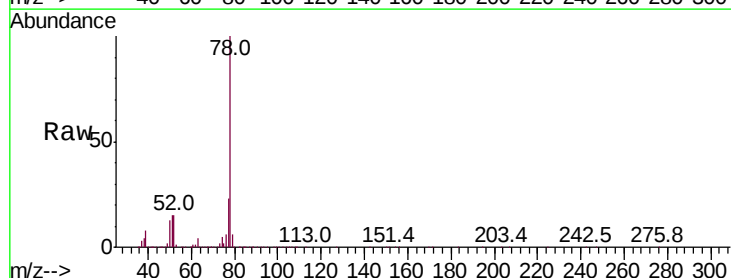
Manual Integrations
APPROVED

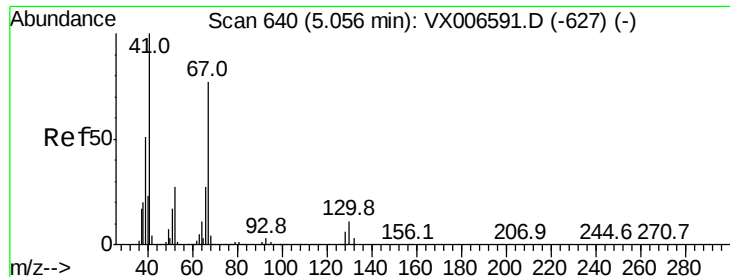
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#40
Benzene
Concen: 20.201 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX006691.D
Acq: 20 Dec 2018 22:54

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	450860		
77	22.7	19.2	28.8	





#41

Methacrylonitrile

Concen: 21.324 ug/l

RT: 5.06 min Scan# 640

Delta R.T. -0.00 min

Lab File: VX006691.D

Acq: 20 Dec 2018 22:54

Instrument :

MSVOA_X

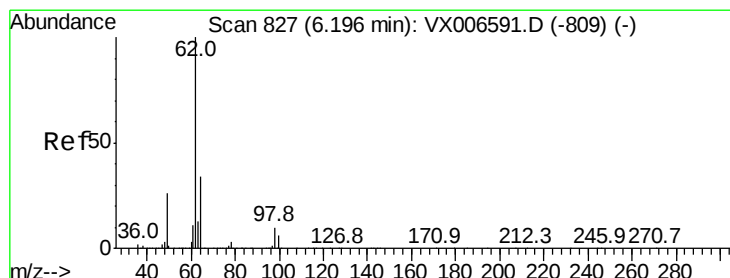
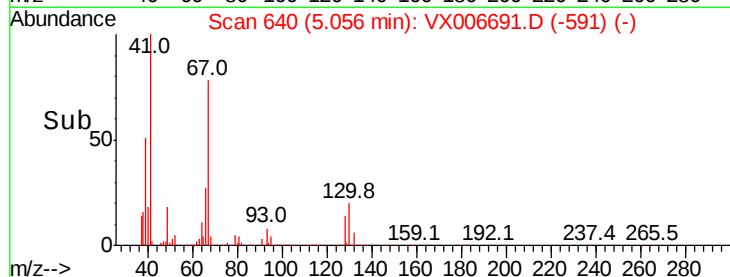
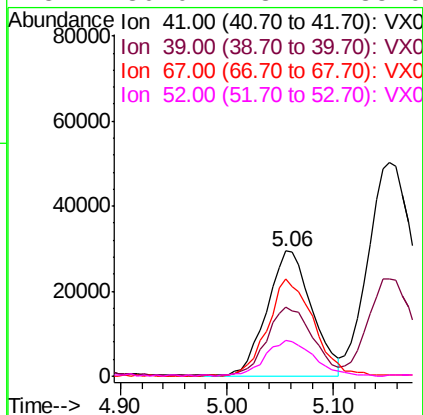
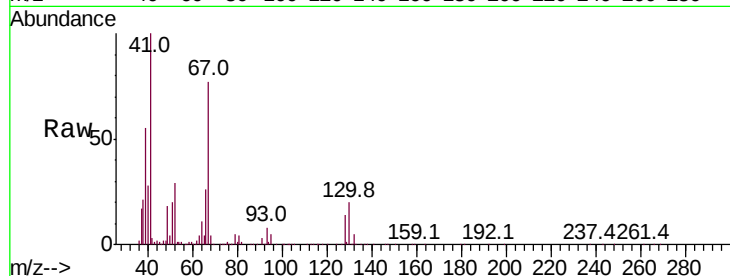
ClientSampleId :

VX1220WBS02

Tot Ion	Ratio	Lower	Upper
41	100		
39	55.6	42.8	64.2
67	77.5	62.1	93.1
52	30.0	23.4	35.0

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 20.403 ug/l

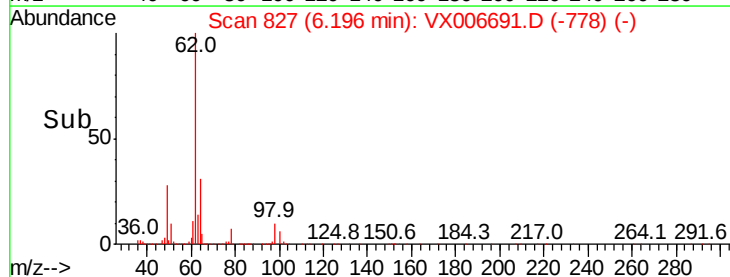
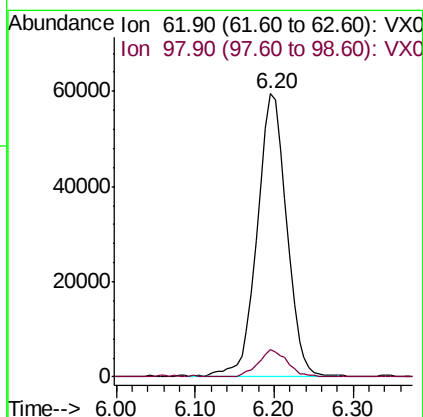
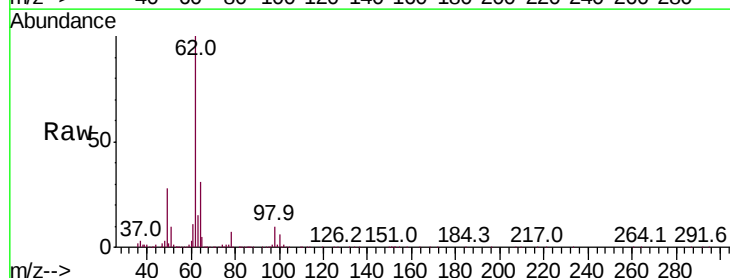
RT: 6.20 min Scan# 827

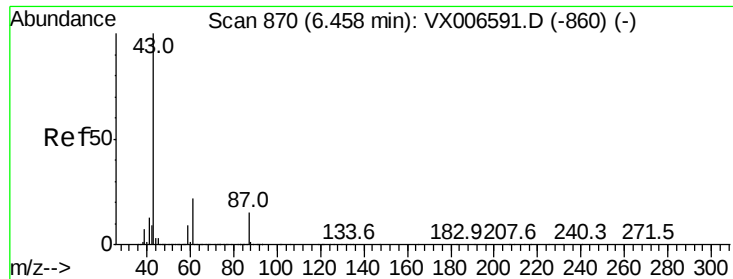
Delta R.T. -0.00 min

Lab File: VX006691.D

Acq: 20 Dec 2018 22:54

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	20.2





#43

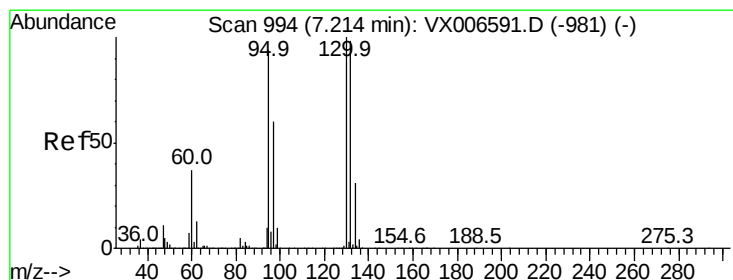
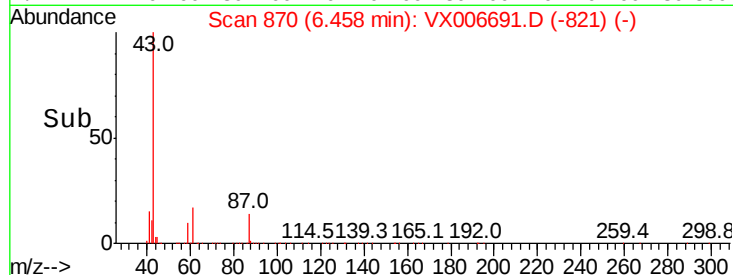
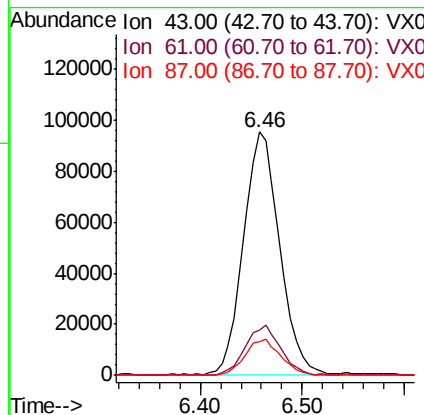
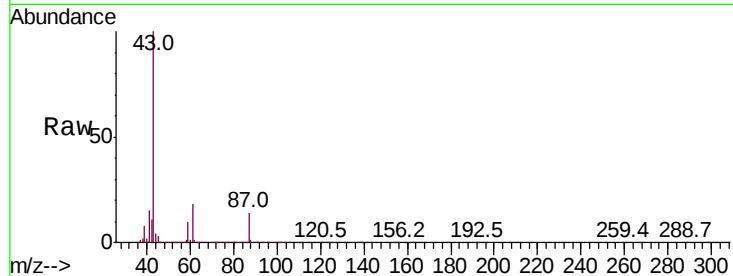
Isopropyl Acetate
 Concen: 20.078 ug/l
 RT: 6.46 min Scan# 870
 Delta R.T. -0.00 min
 Lab File: VX006691.D
 Acq: 20 Dec 2018 22:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1220WBS02

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.7	16.8	25.2
87	15.0	12.4	18.6

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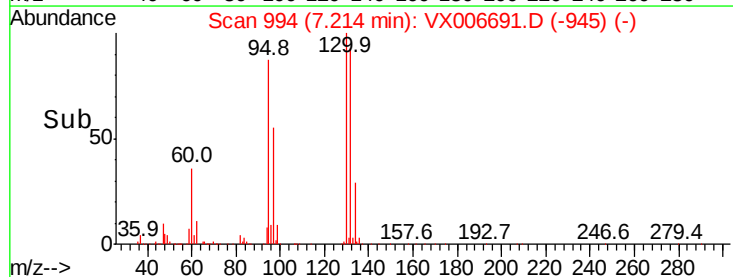
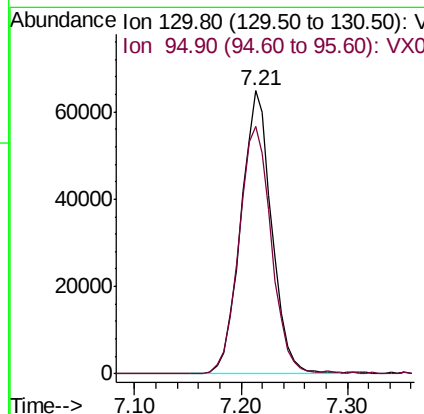
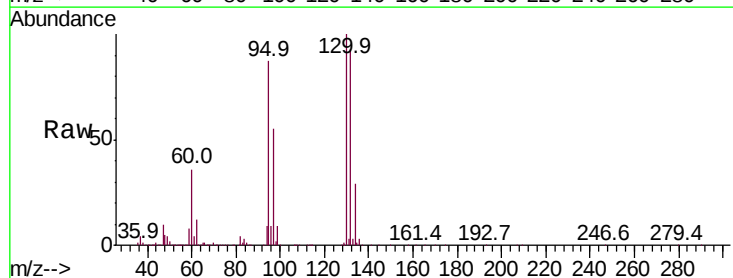
MMDadoda
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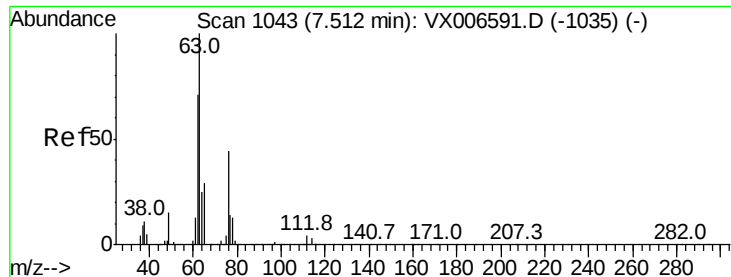


#44

Trichloroethene
 Concen: 19.480 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX006691.D
 Acq: 20 Dec 2018 22:54

Tgt Ion	Ratio	Lower	Upper
130	100		
95	87.4	0.0	187.0





#45

1,2-Dichloropropane

Concen: 20.076 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VX006691.D

Acq: 20 Dec 2018 22:54

Instrument :

MSVOA_X

ClientSampleId :

VX1220WBS02

Tot Ion: 63 Resp: 109035

Ion Ratio Lower Upper

63 100

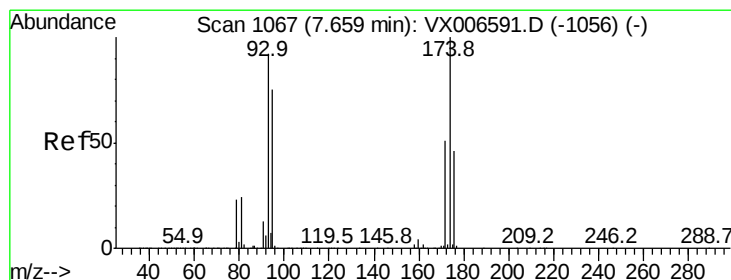
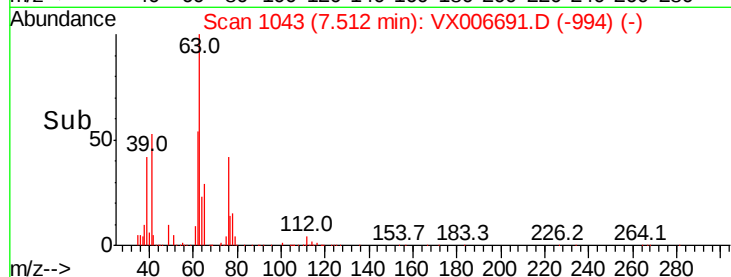
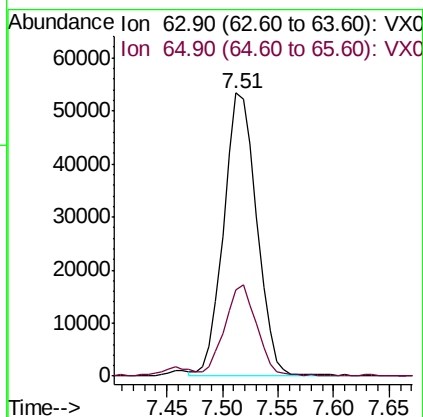
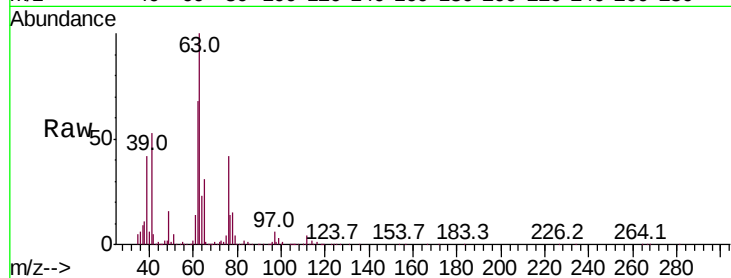
65 30.4 25.4 38.0

Manual Integrations

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#46

Dibromomethane

Concen: 19.691 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. 0.01 min

Lab File: VX006691.D

Acq: 20 Dec 2018 22:54

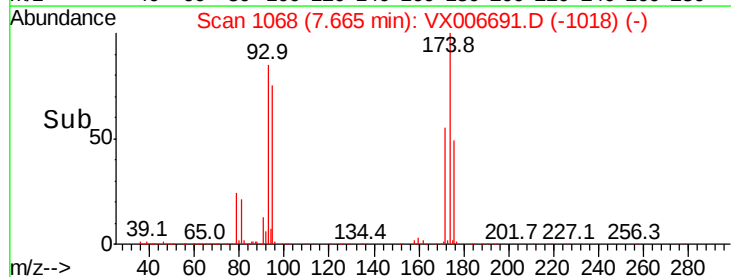
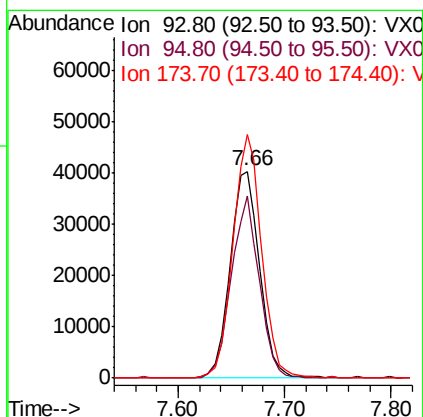
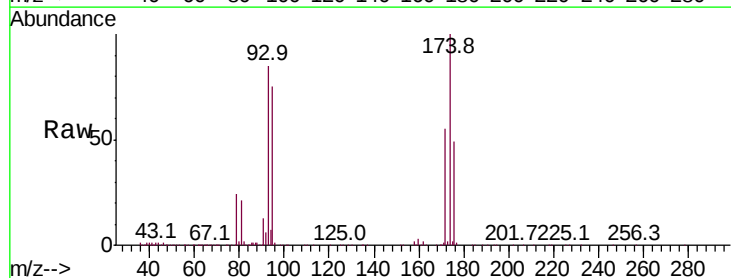
Tgt Ion: 93 Resp: 78664

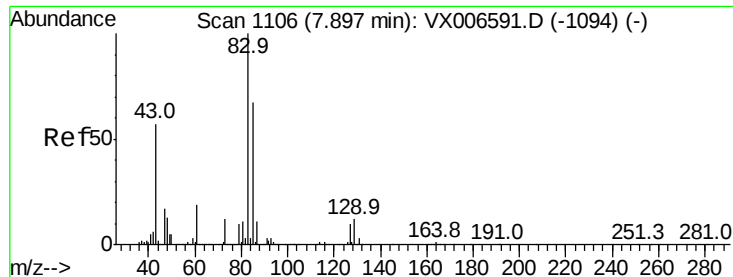
Ion Ratio Lower Upper

93 100

95 82.7 66.2 99.4

174 114.2 91.0 136.4





#47

Bromodichloromethane

Concen: 18.773 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX006691.D

Acq: 20 Dec 2018 22:54

Instrument :

MSVOA_X

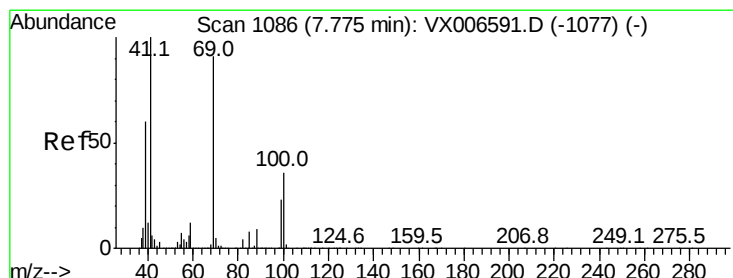
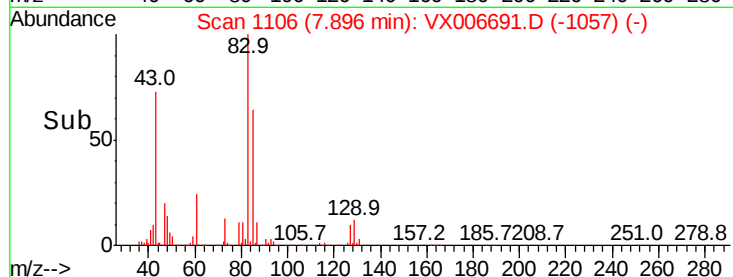
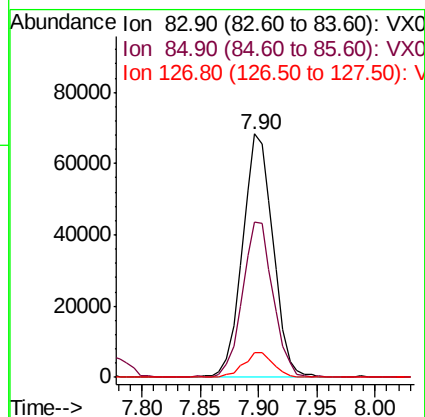
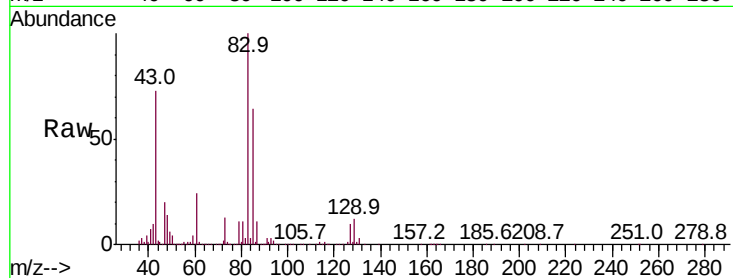
ClientSampleId :

VX1220WBS02

Tot Ion:	83	Resp:	124507
Ion Ratio	Lower	Upper	
83	100		
85	63.9	53.2	79.8
127	10.0	7.8	11.6

Manual Integrations
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#48

Methyl methacrylate

Concen: 21.007 ug/l

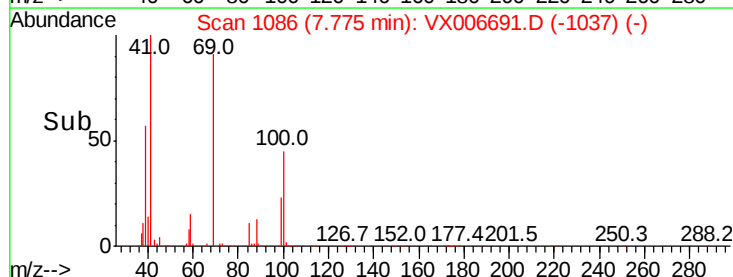
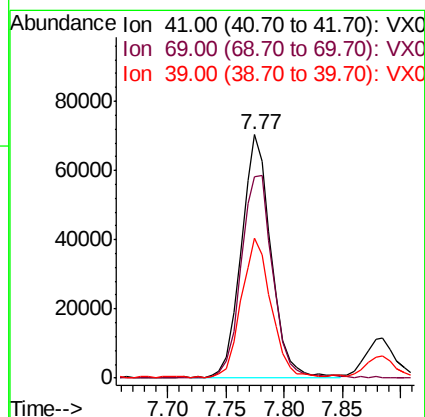
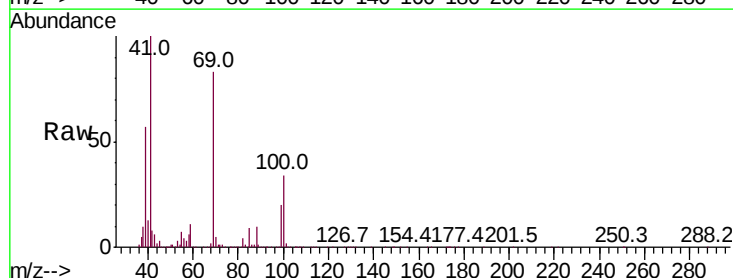
RT: 7.77 min Scan# 1086

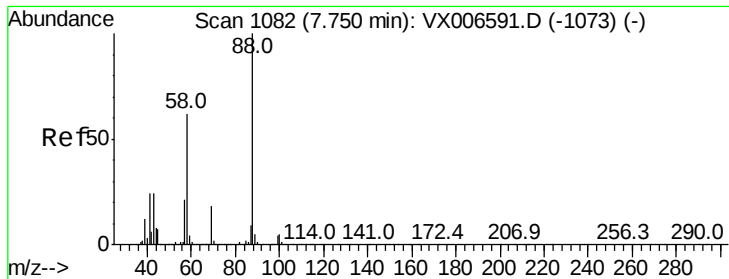
Delta R.T. -0.00 min

Lab File: VX006691.D

Acq: 20 Dec 2018 22:54

Tgt Ion:	41	Resp:	124213
Ion Ratio	Lower	Upper	
41	100		
69	89.3	72.4	108.6
39	57.6	45.8	68.8





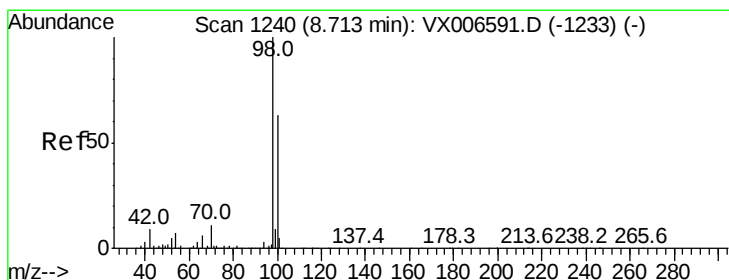
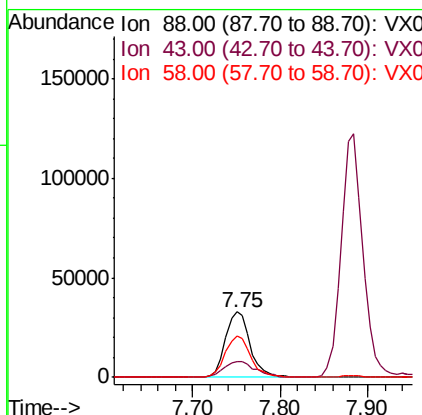
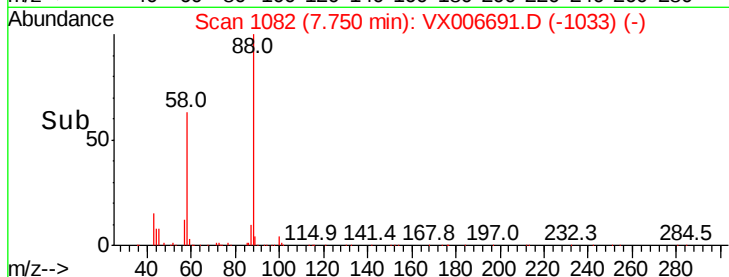
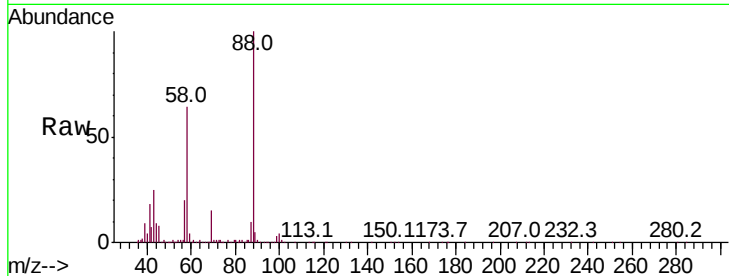
#49
1,4-Dioxane
Concen: 405.906 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. 0.00 min
Lab File: VX006691.D
Acq: 20 Dec 2018 22:54

Instrument :
MSVOA_X
ClientSampleId :
VX1220WBS02

Tot Ion	Ratio	Lower	Upper
88	100		
43	31.7	22.2	33.4
58	66.1	51.0	76.4

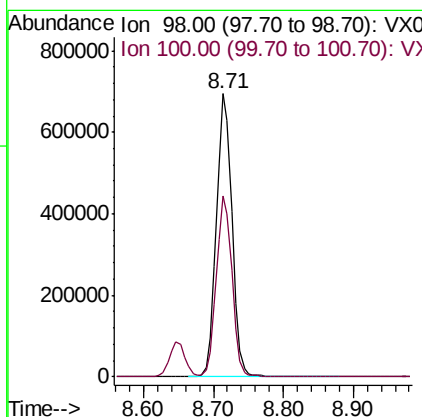
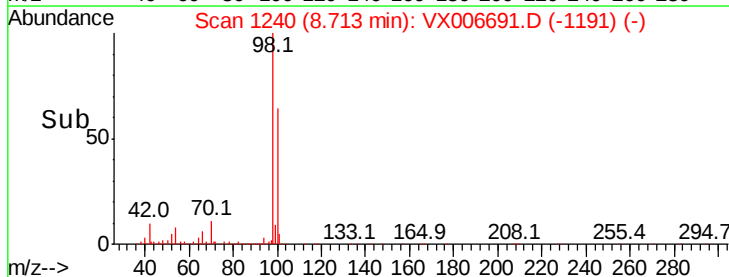
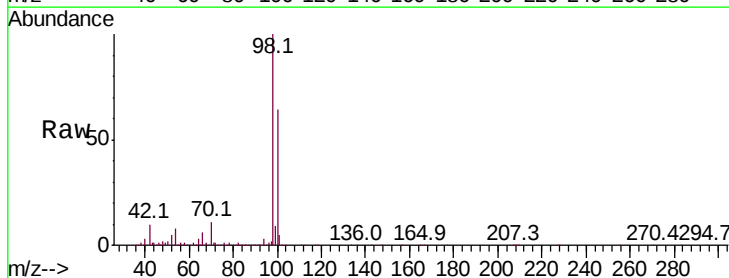
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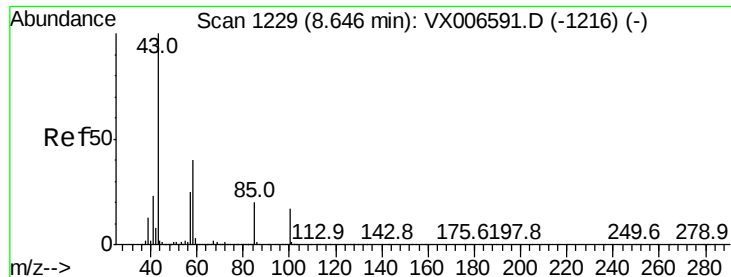
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#50
Toluene-d8
Concen: 50.951 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX006691.D
Acq: 20 Dec 2018 22:54

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.3	52.0	78.0





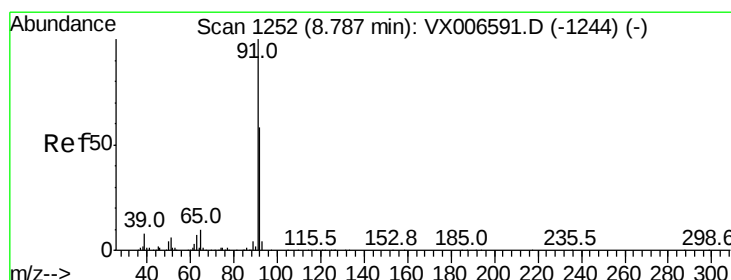
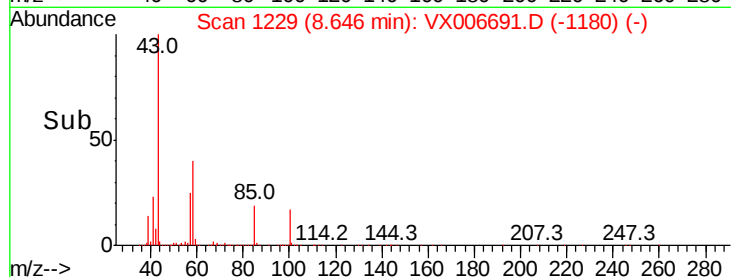
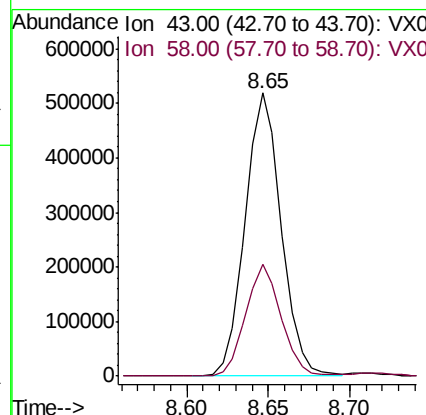
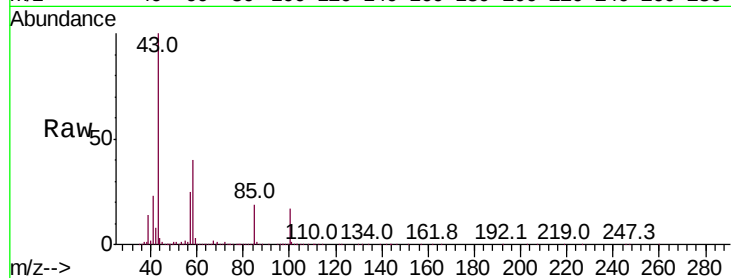
#51
4-Methyl-2-Pentanone
Concen: 108.245 ug/l
RT: 8.65 min Scan# 1229
Delta R.T. -0.00 min
Lab File: VX006691.D
Acq: 20 Dec 2018 22:54

Instrument :
MSVOA_X
ClientSampleId :
VX1220WBS02

Tot Ion	Ratio	Lower	Upper
43	100		
58	38.9	31.8	47.6

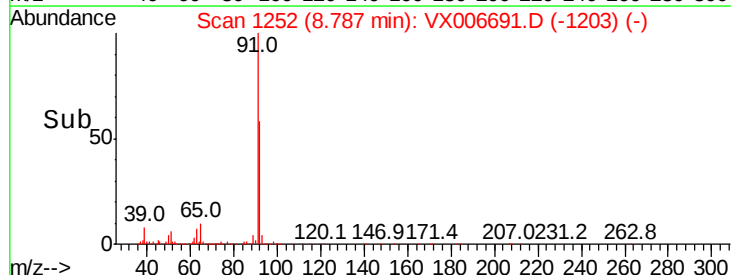
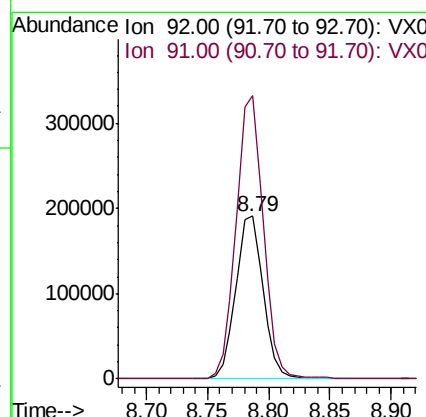
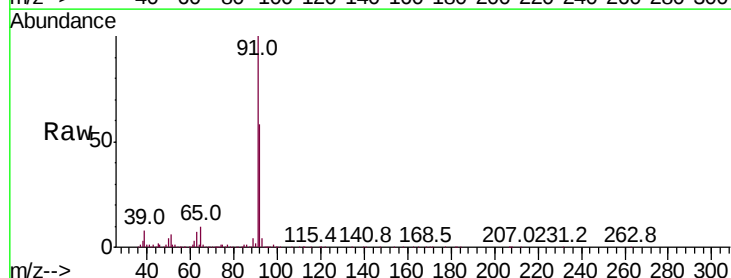
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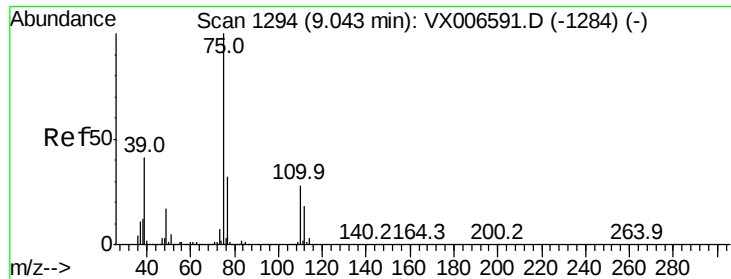
MMDadoda
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#52
Toluene
Concen: 20.473 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. -0.00 min
Lab File: VX006691.D
Acq: 20 Dec 2018 22:54

Tgt Ion	Ratio	Lower	Upper
92	100		
91	173.7	137.6	206.4





#53

t-1,3-Dichloropropene

Concen: 17.479 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX006691.D

Acq: 20 Dec 2018 22:54

Instrument :

MSVOA_X

ClientSampleId :

VX1220WBS02

Tot Ion: 75 Resp: 124333

Ion Ratio Lower Upper

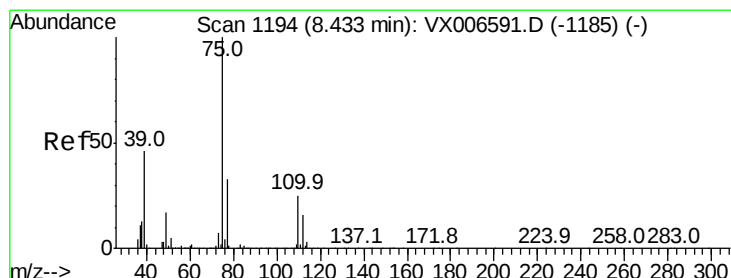
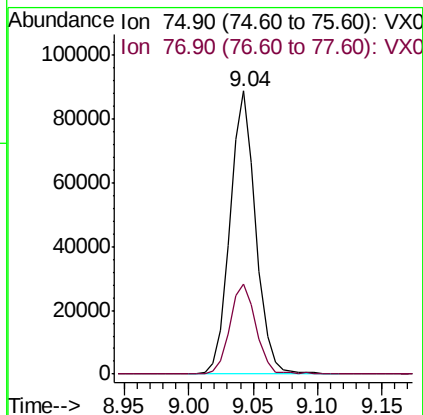
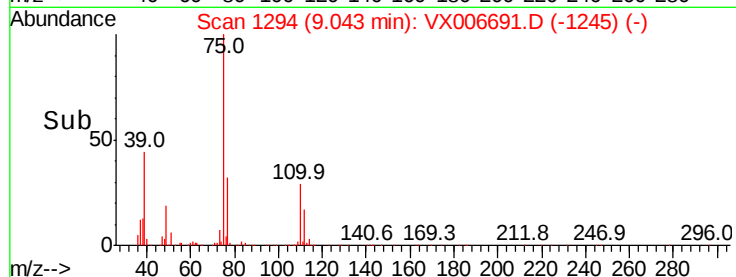
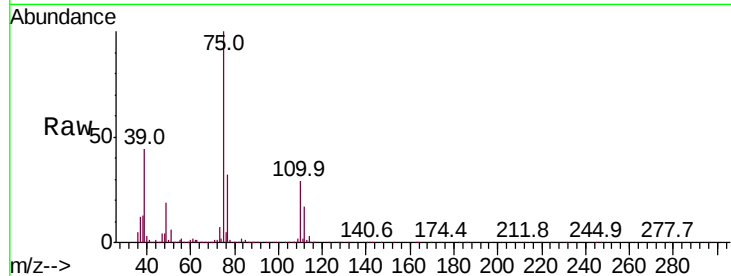
75 100

77 31.7 25.4 38.0

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#54

cis-1,3-Dichloropropene

Concen: 18.773 ug/l

RT: 8.44 min Scan# 1195

Delta R.T. 0.01 min

Lab File: VX006691.D

Acq: 20 Dec 2018 22:54

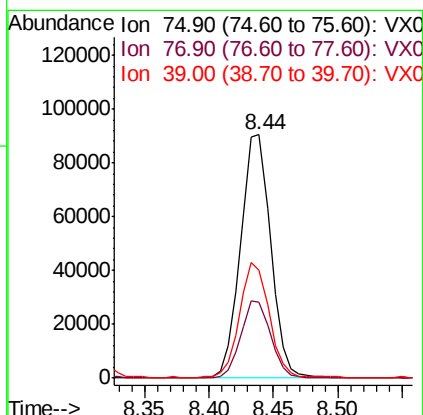
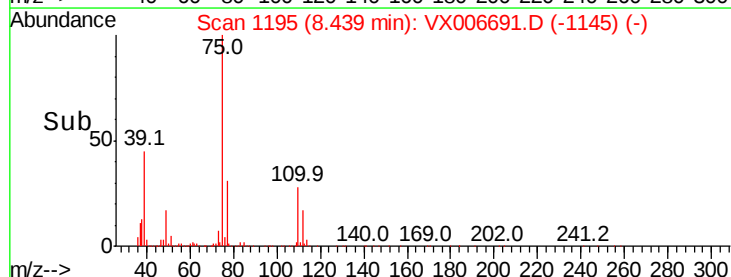
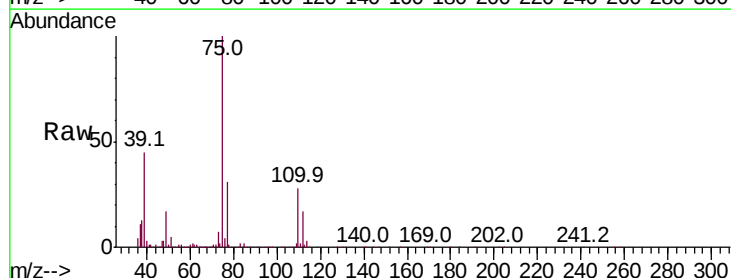
Tgt Ion: 75 Resp: 146519

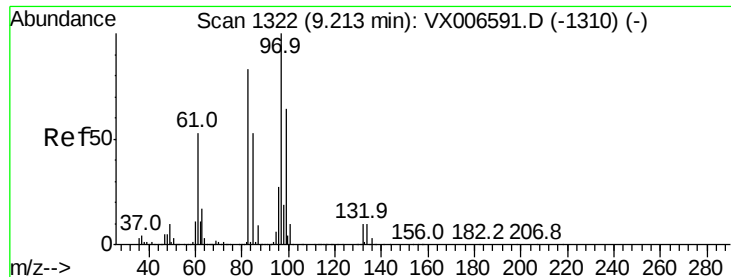
Ion Ratio Lower Upper

75 100

77 30.9 26.2 39.2

39 44.4 36.7 55.1





#55

1,1,2-Trichloroethane

Concen: 20.050 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VX006691.D

Acq: 20 Dec 2018 22:54

Instrument :

MSVOA_X

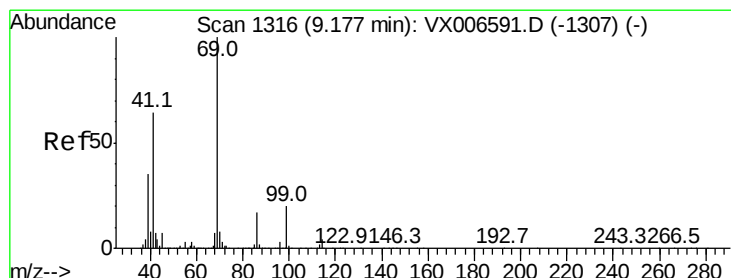
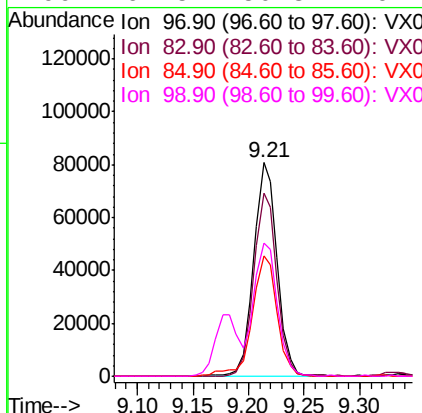
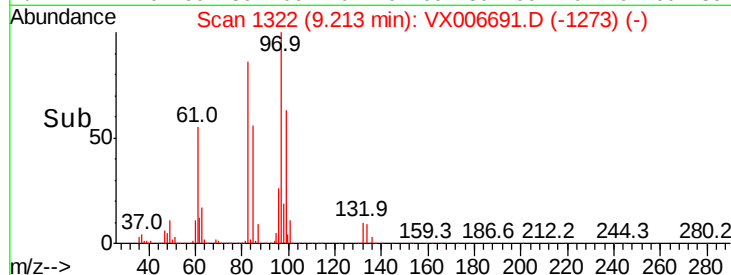
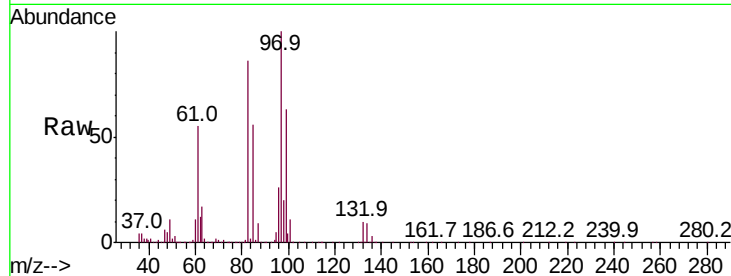
ClientSampleId :

VX1220WBS02

Tot Ion	Ratio	Resp	Lower	Upper
97	100	118328		
83	85.6	66.6	99.8	
85	55.9	42.7	64.1	
99	62.5	50.8	76.2	

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#56

Ethyl methacrylate

Concen: 20.682 ug/l

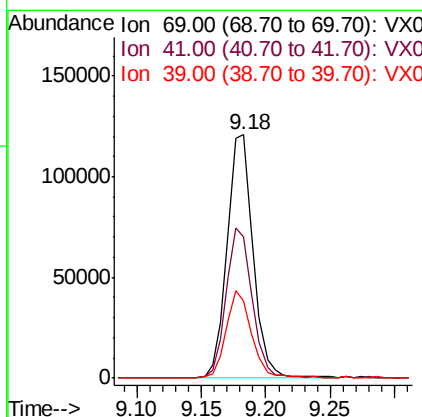
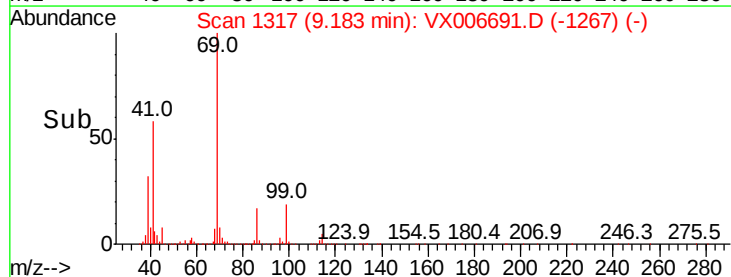
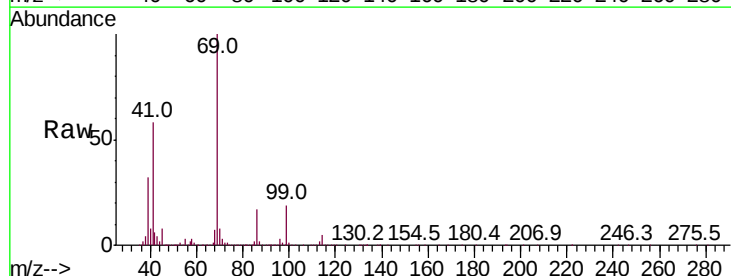
RT: 9.18 min Scan# 1317

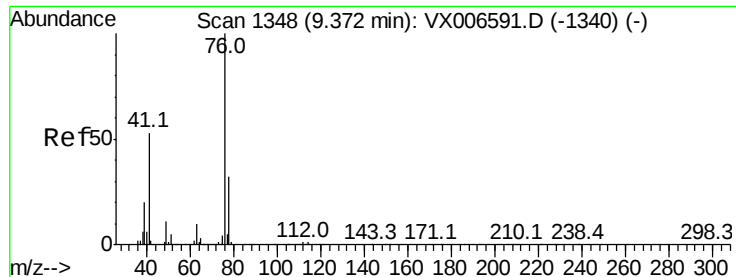
Delta R.T. 0.01 min

Lab File: VX006691.D

Acq: 20 Dec 2018 22:54

Tgt Ion	Ratio	Resp	Lower	Upper
69	100	172513		
41	61.1	48.7	73.1	
39	34.3	27.0	40.6	





#57

1,3-Dichloropropane

Concen: 20.249 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX006691.D

Acq: 20 Dec 2018 22:54

Instrument :

MSVOA_X

ClientSampleId :

VX1220WBS02

Tot Ion: 76 Resp: 192269

Ion Ratio Lower Upper

76 100

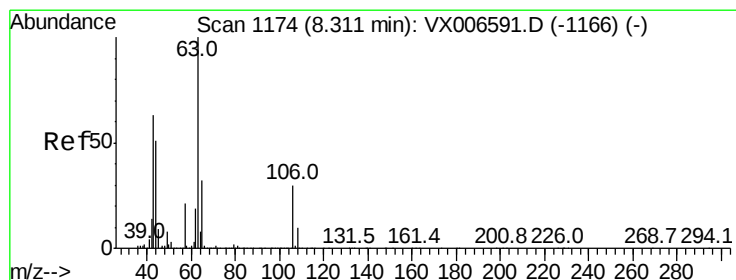
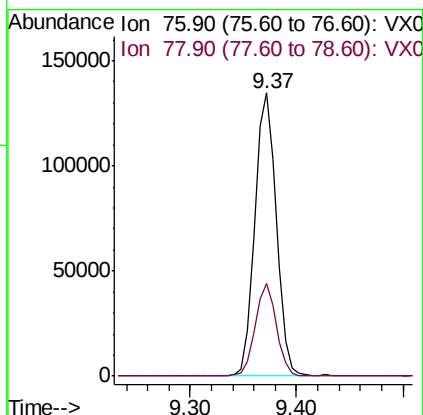
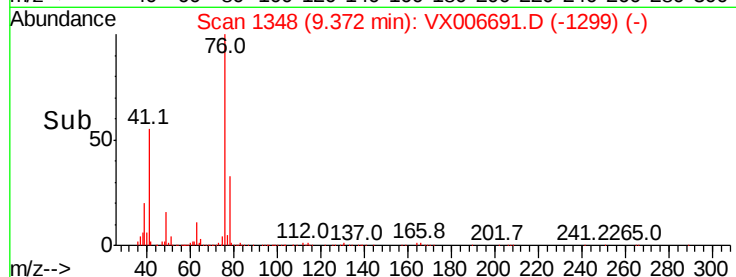
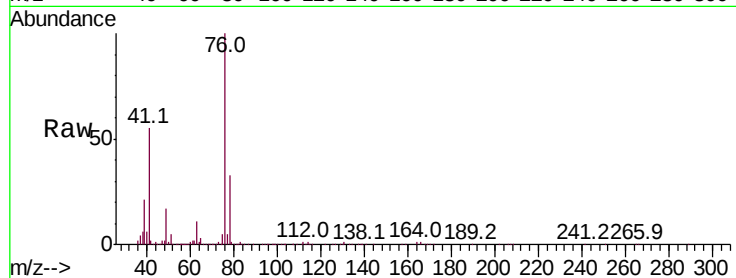
78 32.3 26.0 39.0

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#58

2-Chloroethyl Vinyl ether

Concen: 100.262 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX006691.D

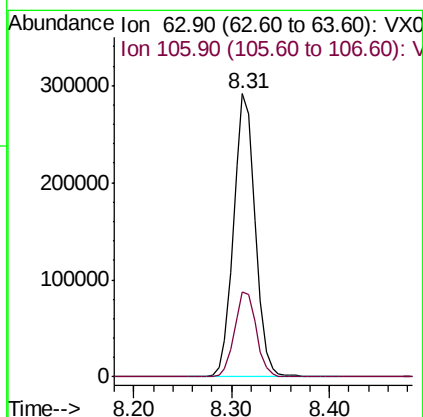
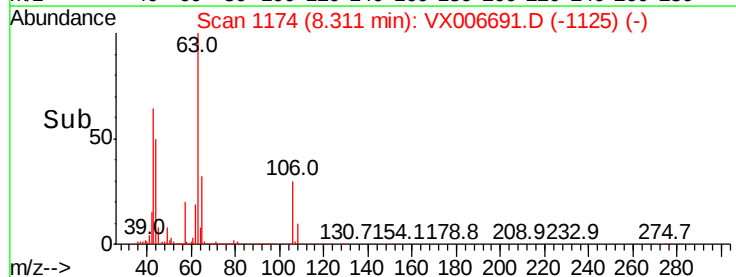
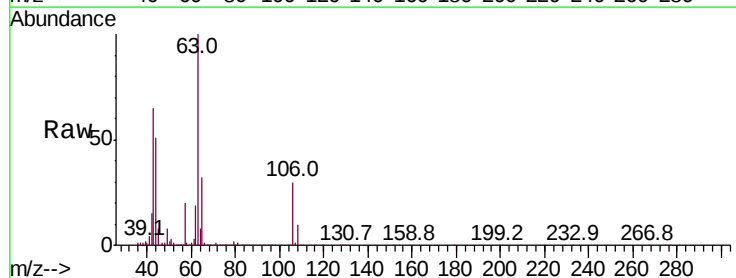
Acq: 20 Dec 2018 22:54

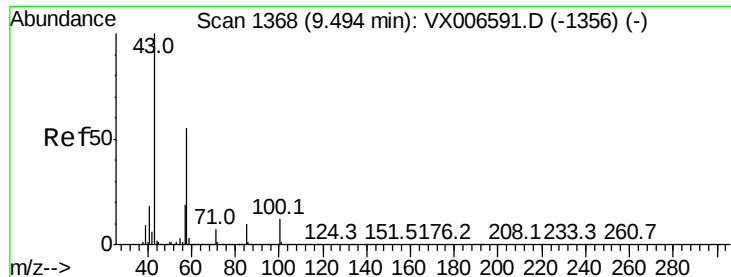
Tgt Ion: 63 Resp: 444558

Ion Ratio Lower Upper

63 100

106 30.6 24.6 36.8





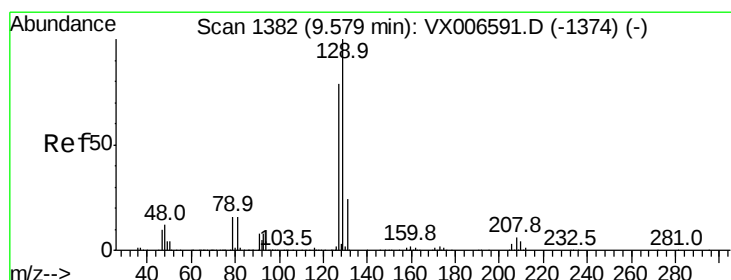
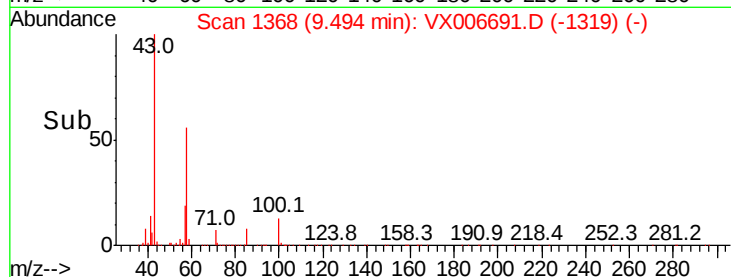
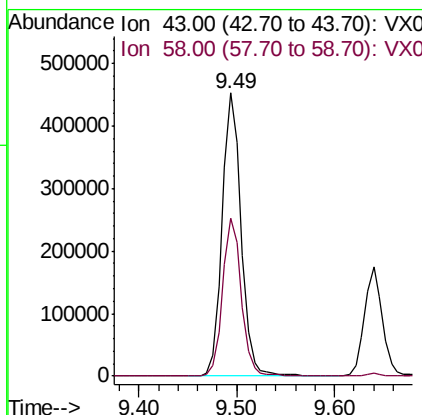
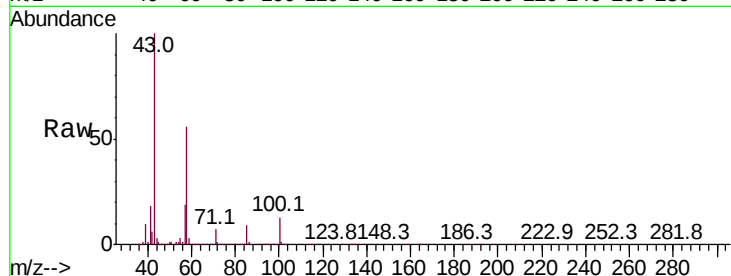
#59
2-Hexanone
Concen: 107.372 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VX006691.D
Acq: 20 Dec 2018 22:54

Instrument :
MSVOA_X
ClientSampleId :
VX1220WBS02

Tot Ion: 43 Resp: 607790
Ion Ratio Lower Upper
43 100
58 55.3 27.7 83.1

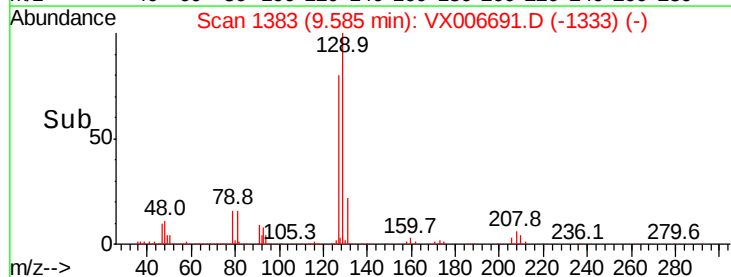
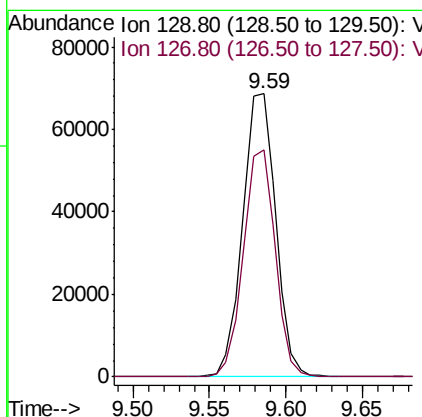
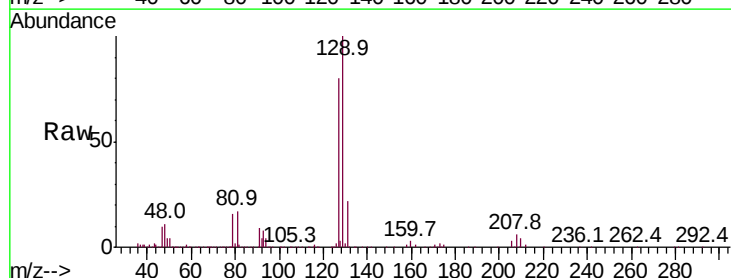
Manual Integrations
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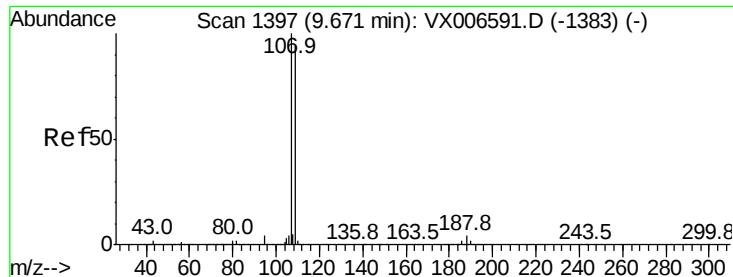
MMDadoda
12/21/2018 10:19:22 AM



#60
Dibromochloromethane
Concen: 18.279 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.01 min
Lab File: VX006691.D
Acq: 20 Dec 2018 22:54

Tgt Ion: 129 Resp: 103281
Ion Ratio Lower Upper
129 100
127 77.3 39.3 117.8





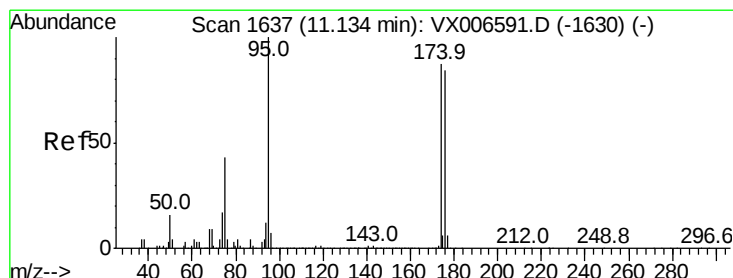
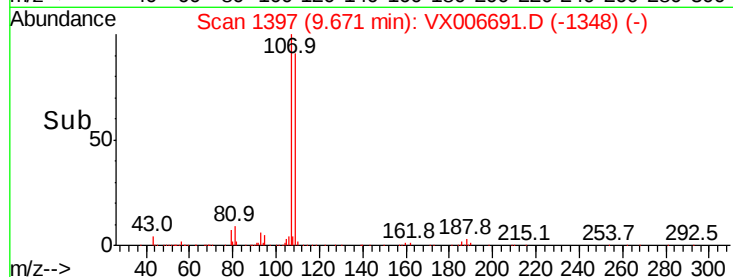
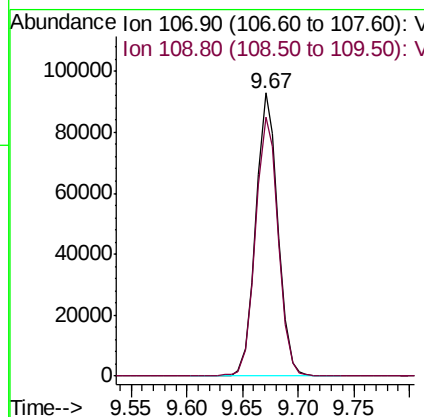
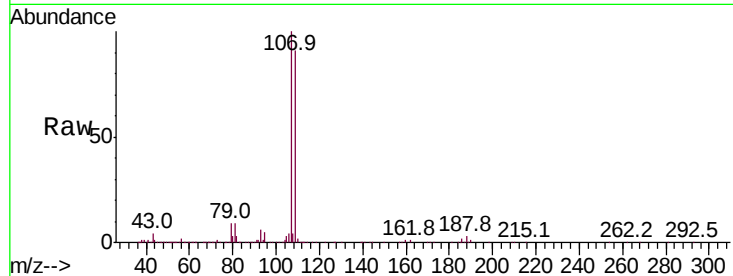
#61
 1,2-Dibromoethane
 Concen: 20.522 ug/l
 RT: 9.67 min Scan# 1397
 Delta R.T. -0.00 min
 Lab File: VX006691.D
 Acq: 20 Dec 2018 22:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1220WBS02

Tot Ion	Ratio	Resp	Lower	Upper
107	100	128747		
109	94.2	75.8	113.6	

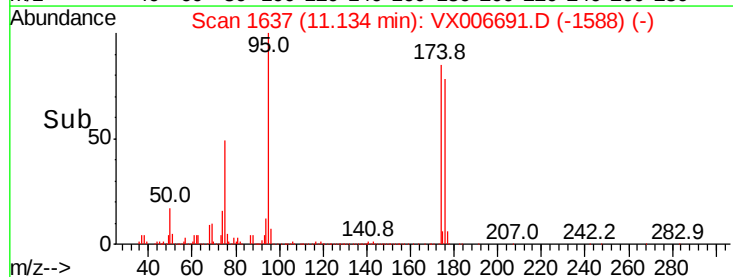
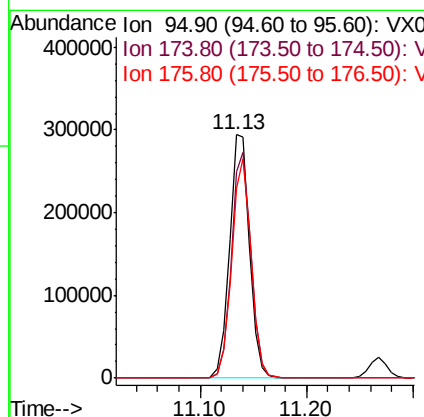
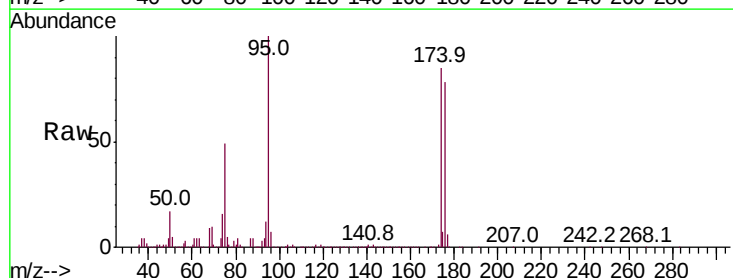
Manual Integrations
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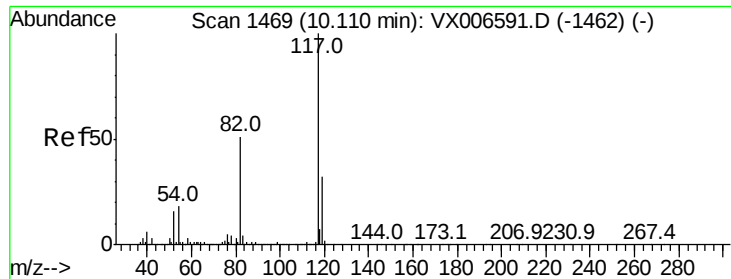
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#62
 4-Bromofluorobenzene
 Concen: 50.120 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. -0.00 min
 Lab File: VX006691.D
 Acq: 20 Dec 2018 22:54

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	387953		
174	90.5	0.0	182.2	
176	87.2	0.0	178.8	





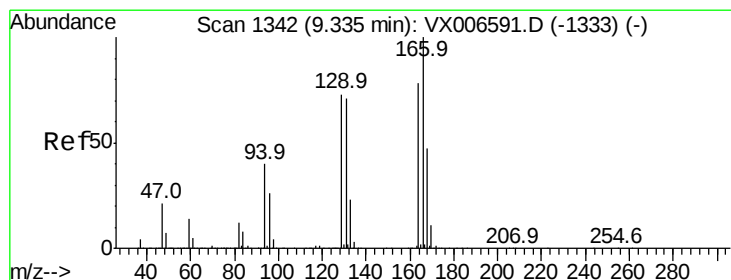
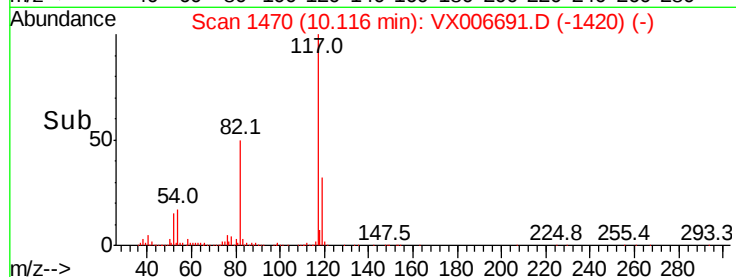
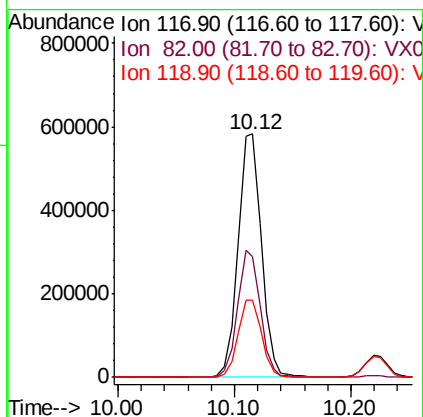
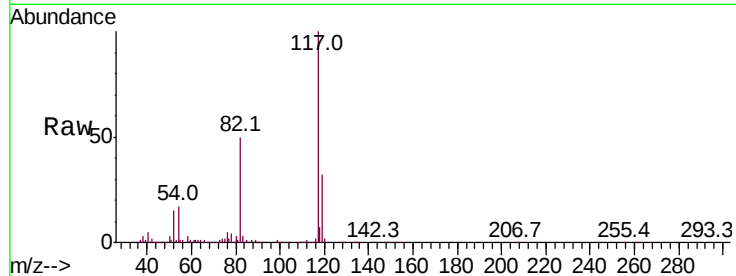
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX006691.D
Acq: 20 Dec 2018 22:54

Instrument :
MSVOA_X
ClientSampleId :
VX1220WBS02

Tot Ion	Ratio	Resp	Lower	Upper
117	100	818243		
82	49.6		41.0	61.6
119	31.6		25.4	38.0

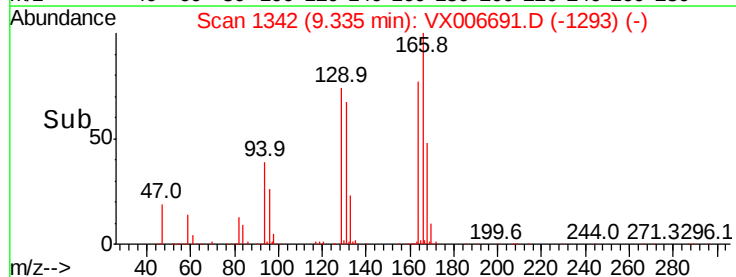
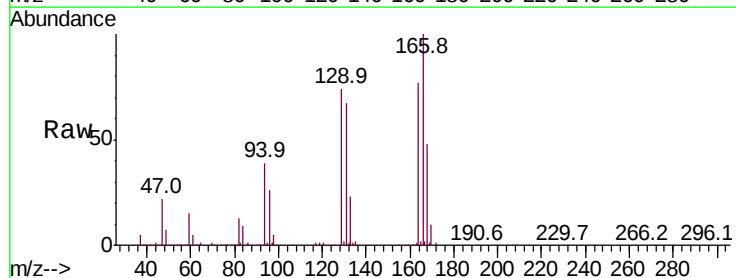
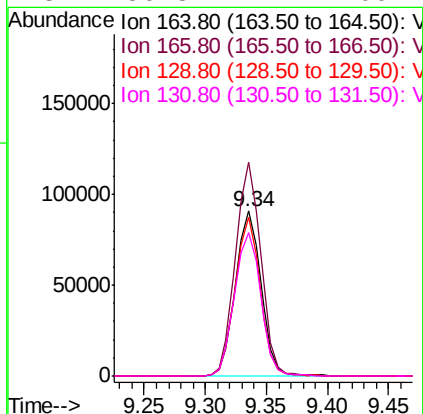
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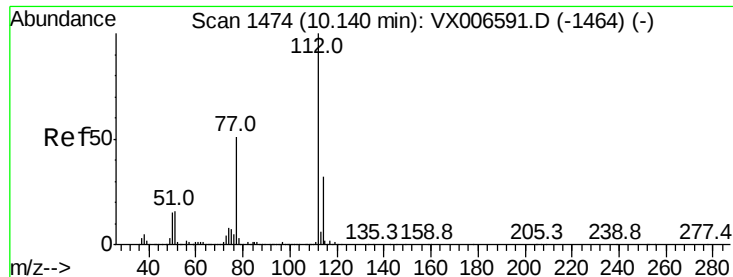
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#64
Tetrachloroethene
Concen: 20.307 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX006691.D
Acq: 20 Dec 2018 22:54

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	131575		
166	129.4		102.5	153.7
129	96.4		75.1	112.7
131	86.8		72.7	109.1





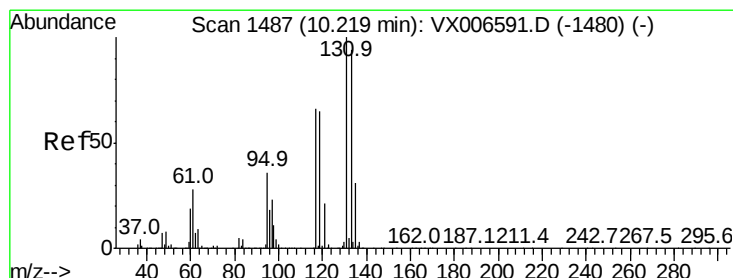
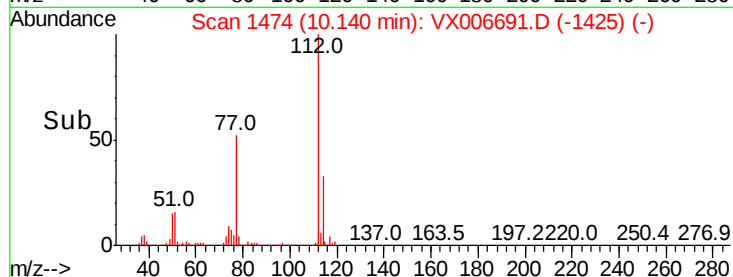
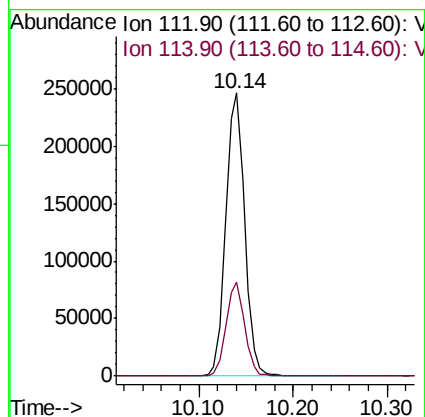
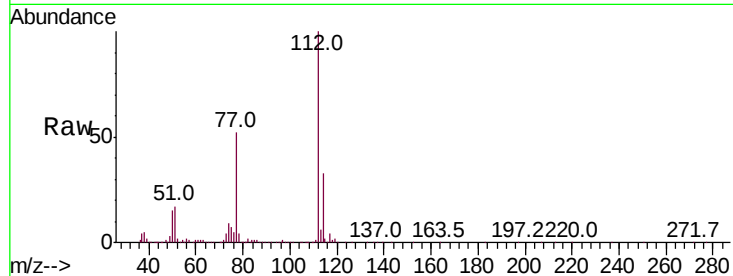
#65
Chlorobenzene
Concen: 19.653 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX006691.D
Acq: 20 Dec 2018 22:54

Instrument :
MSVOA_X
ClientSampleId :
VX1220WBS02

Tot Ion:112 Resp: 340204
Ion Ratio Lower Upper
112 100
114 33.2 25.7 38.5

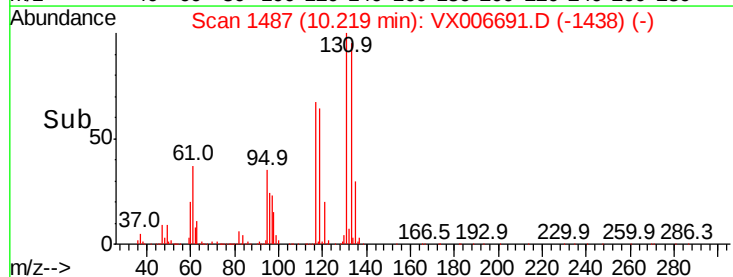
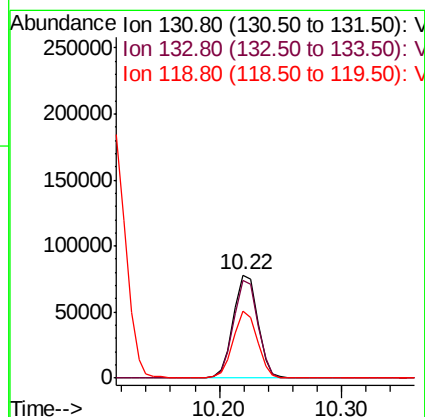
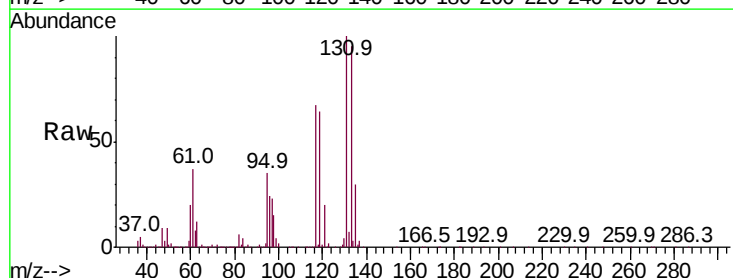
Manual Integrations
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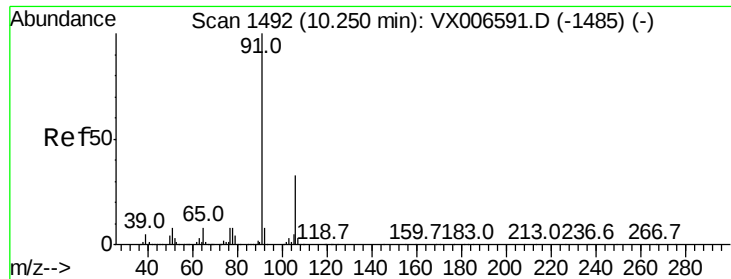
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#66
1,1,1,2-Tetrachloroethane
Concen: 20.078 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX006691.D
Acq: 20 Dec 2018 22:54

Tgt Ion:131 Resp: 108439
Ion Ratio Lower Upper
131 100
133 93.7 48.0 144.2
119 63.7 32.6 97.8





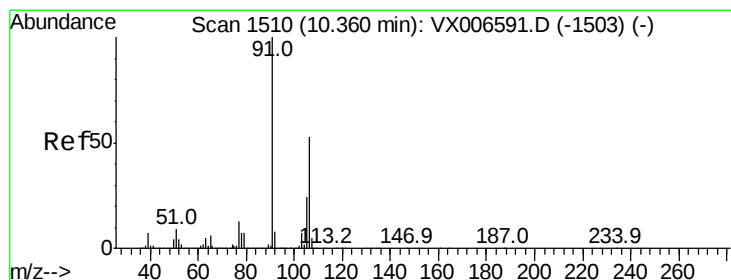
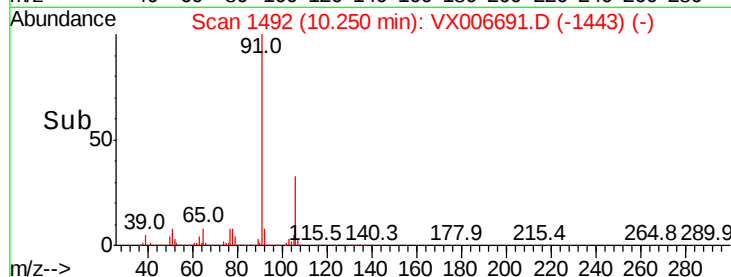
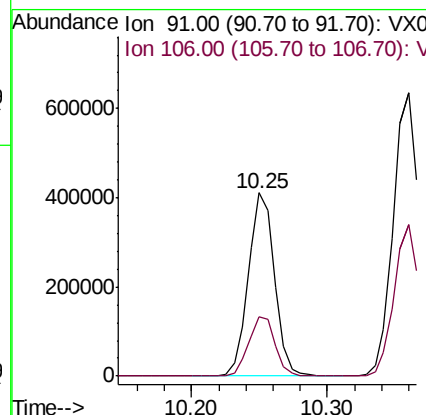
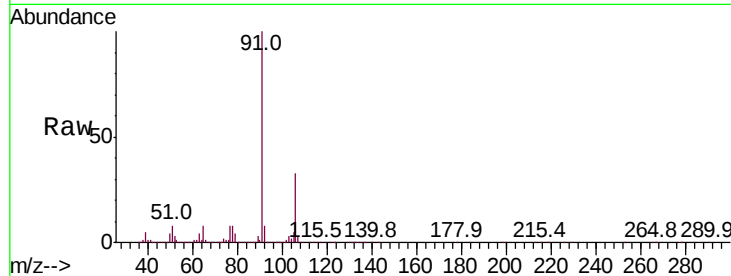
#67
Ethyl Benzene
Concen: 19.504 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX006691.D
Acq: 20 Dec 2018 22:54

Instrument :
MSVOA_X
ClientSampleId :
VX1220WBS02

Tot Ion	Ratio	Lower	Upper
91	100		
106	32.6	26.4	39.6

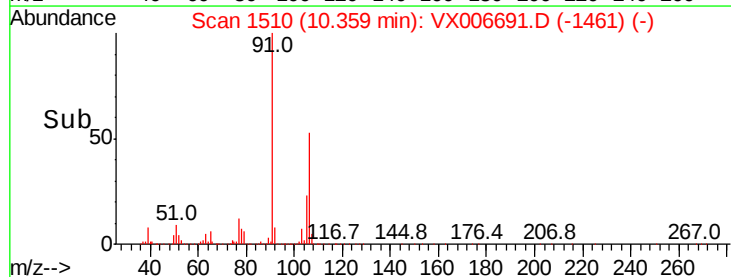
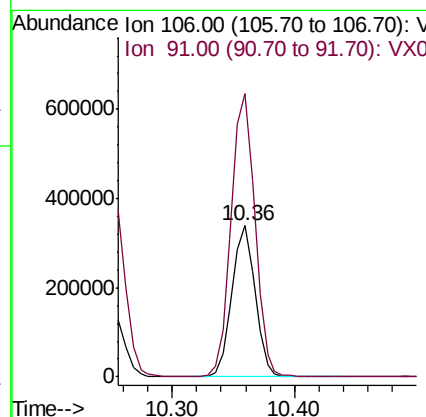
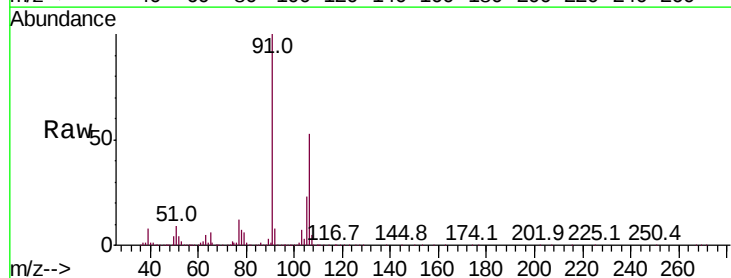
Manual Integrations
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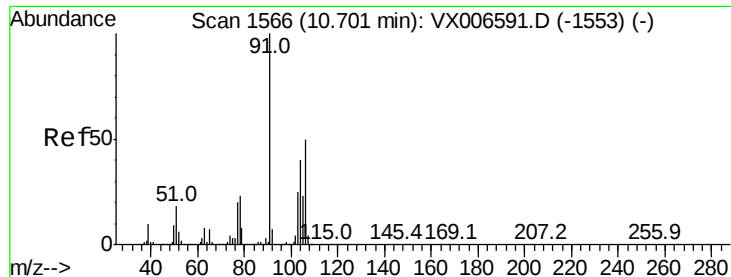
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#68
m/p-Xylenes
Concen: 39.694 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX006691.D
Acq: 20 Dec 2018 22:54

Tgt Ion	Ratio	Lower	Upper
106	100		
91	193.4	155.8	233.6





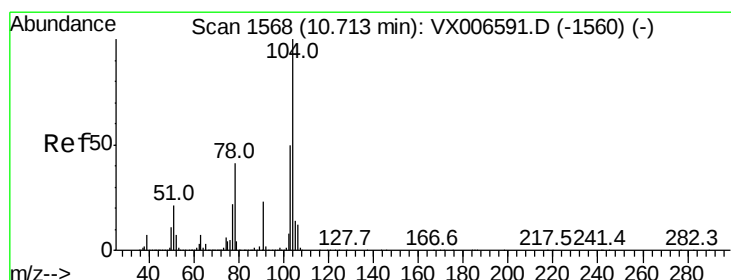
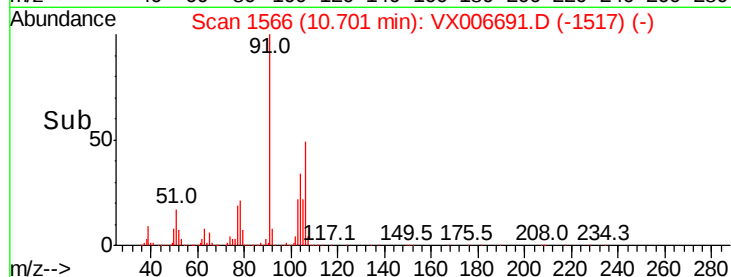
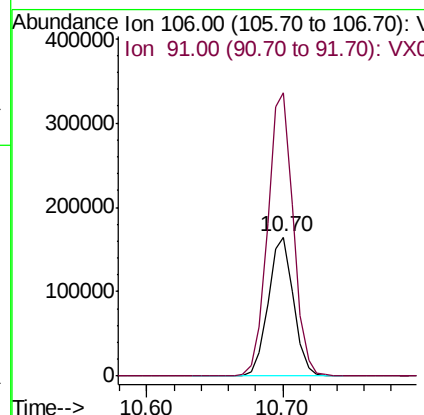
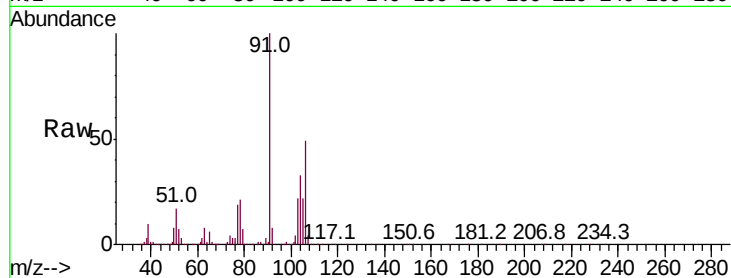
#69
o-Xylene
Concen: 19.446 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX006691.D
Acq: 20 Dec 2018 22:54

Instrument :
MSVOA_X
ClientSampleId :
VX1220WBS02

Tot Ion	Ratio	Lower	Upper
106	100		
91	207.1	101.3	303.7

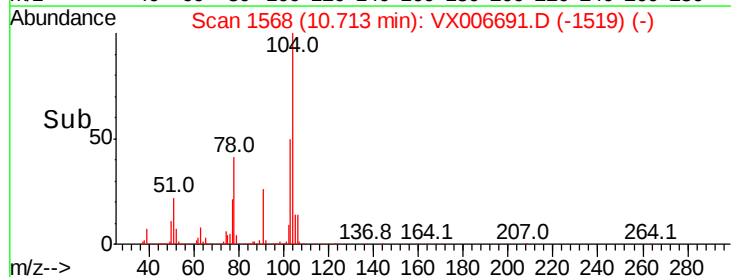
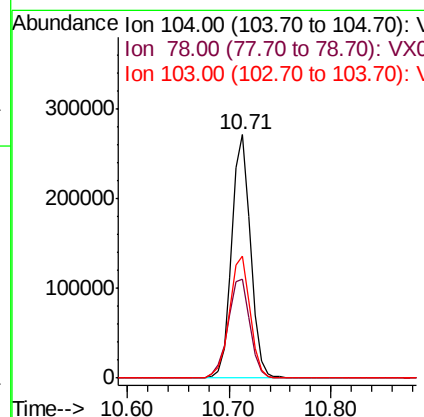
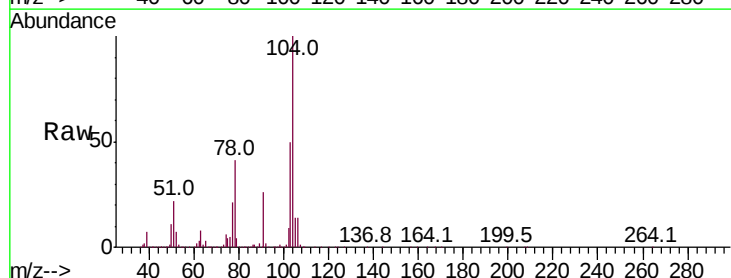
Manual Integrations
APPROVED

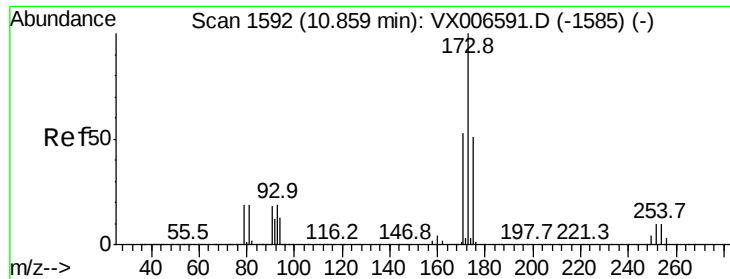
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#70
Styrene
Concen: 19.816 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX006691.D
Acq: 20 Dec 2018 22:54

Tgt Ion	Ratio	Lower	Upper
104	100		
78	47.6	37.7	56.5
103	55.3	43.8	65.8





#71

Bromoform

Concen: 17.713 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX006691.D

Acq: 20 Dec 2018 22:54

Instrument :

MSVOA_X

ClientSampleId :

VX1220WBS02

Tot Ion:173 Resp: 70890

Ion Ratio Lower Upper

173 100

175 49.1 24.7 74.1

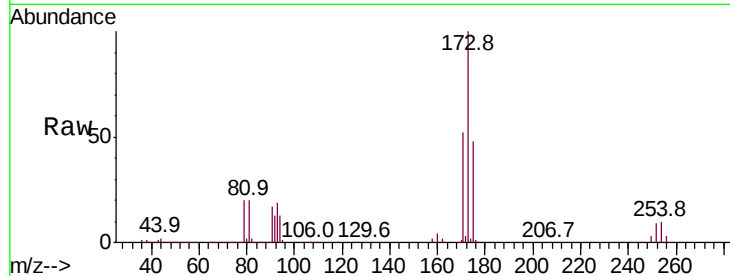
254 0.1 0.2 0.2#

Manual Integrations

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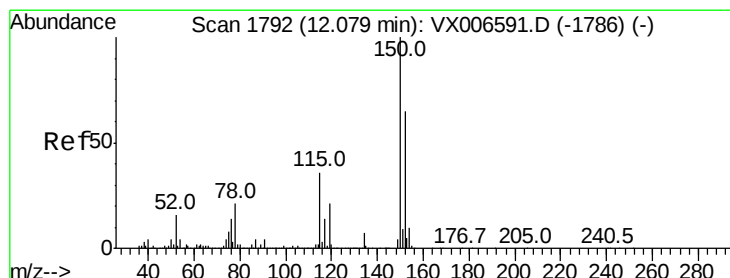
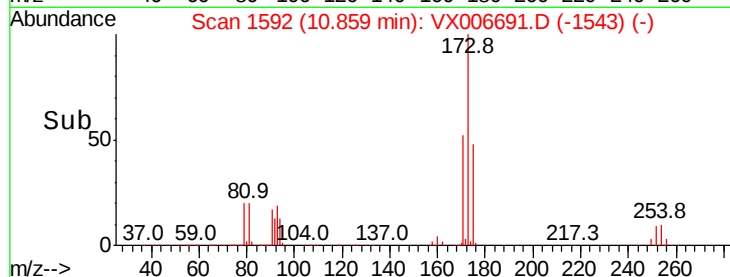
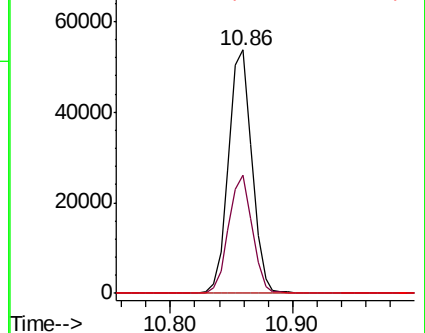
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Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX006691.D

Acq: 20 Dec 2018 22:54

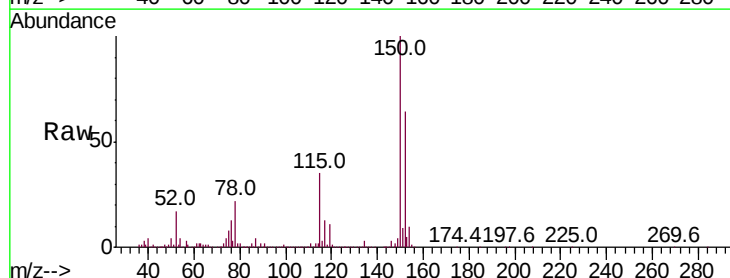
Tgt Ion:152 Resp: 414368

Ion Ratio Lower Upper

152 100

115 63.8 39.1 117.2

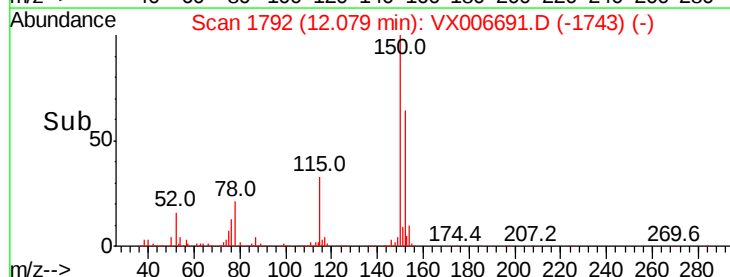
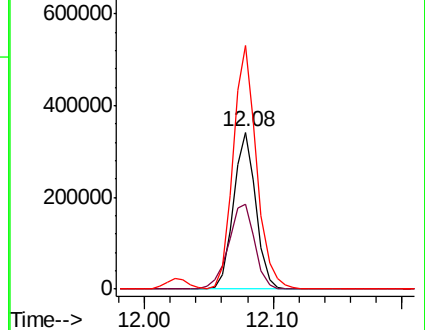
150 163.0 0.0 344.8

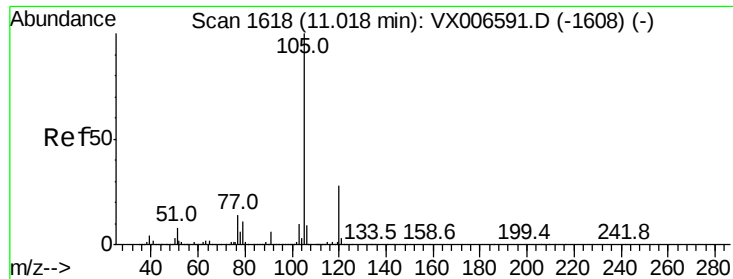


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.262 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX006691.D

Acq: 20 Dec 2018 22:54

Instrument :

MSVOA_X

ClientSampleId :

VX1220WBS02

Tot Ion:105 Resp: 574392

Ion Ratio Lower Upper

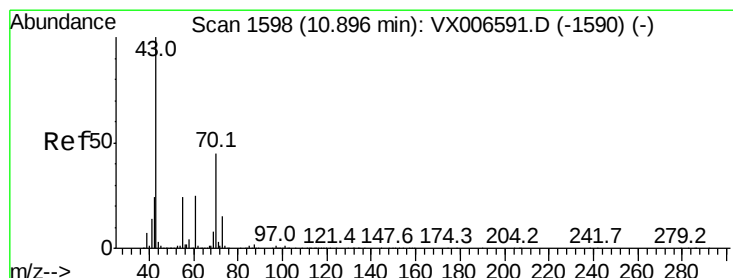
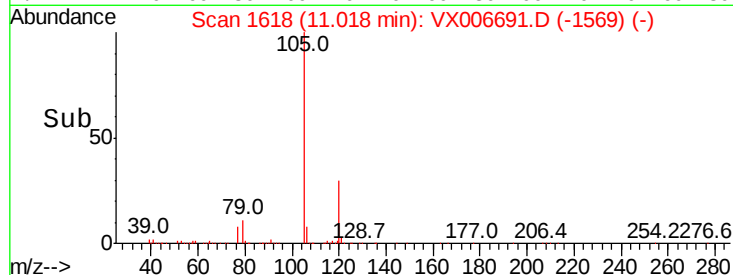
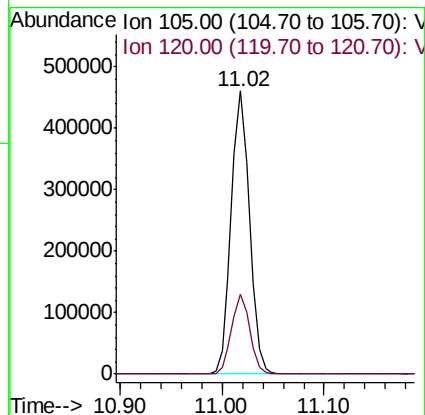
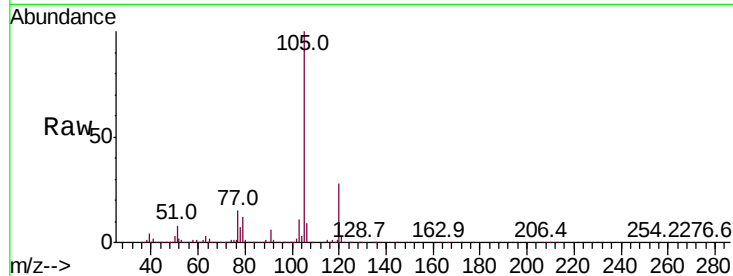
105 100

120 28.0 14.1 42.4

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#74

N-ethyl acetate

Concen: 20.958 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX006691.D

Acq: 20 Dec 2018 22:54

Tgt Ion: 43 Resp: 212660

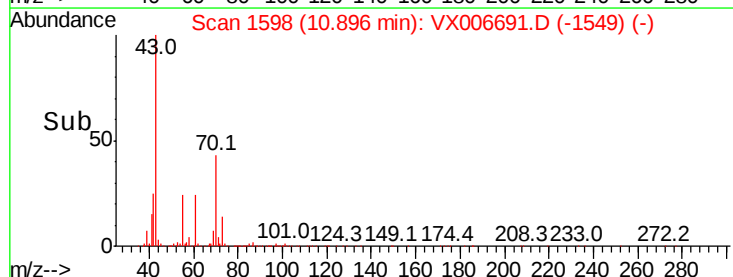
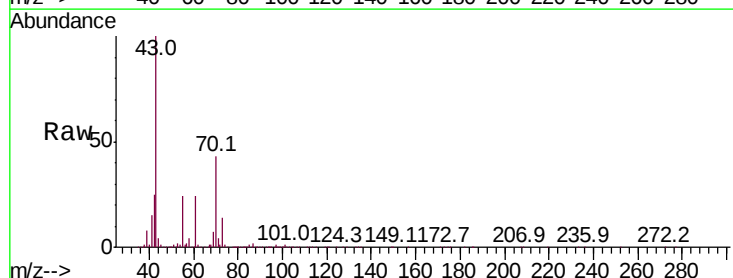
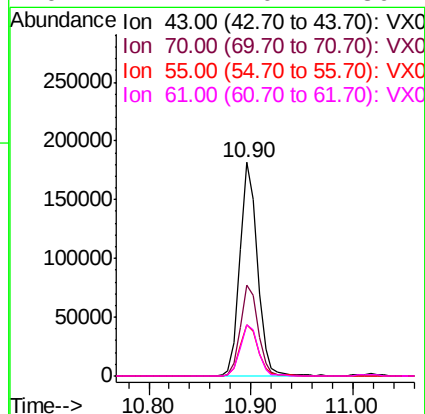
Ion Ratio Lower Upper

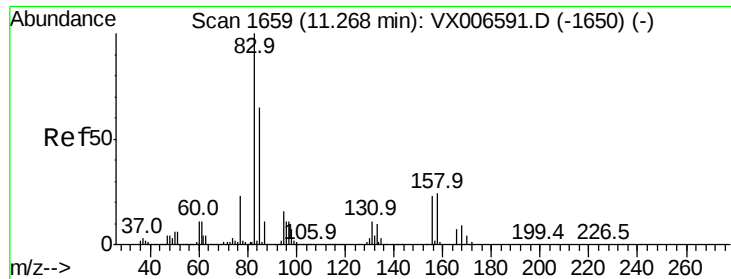
43 100

70 43.2 35.8 53.8

55 25.2 19.4 29.0

61 24.7 20.1 30.1





#75

1,1,2,2-Tetrachloroethane

Concen: 21.157 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX006691.D

Acq: 20 Dec 2018 22:54

Instrument :

MSVOA_X

ClientSampleId :

VX1220WBS02

Tot Ion: 83 Resp: 178366

Ion Ratio Lower Upper

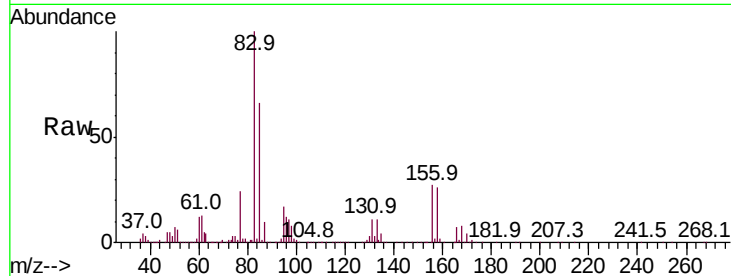
83 100

131 11.0 5.7 17.1

85 65.1 32.2 96.6

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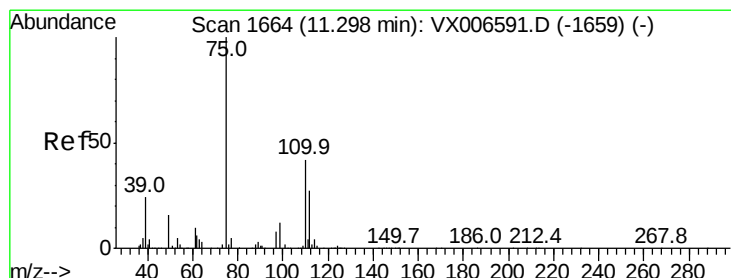
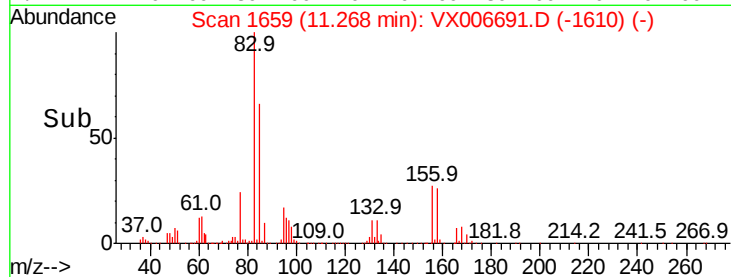
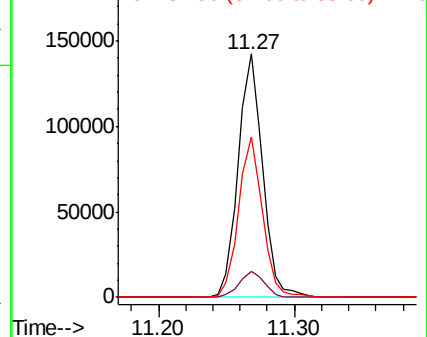
MMDadoda
12/21/2018 10:19:22 AM



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 21.365 ug/l m

RT: 11.30 min Scan# 1664

Delta R.T. -0.00 min

Lab File: VX006691.D

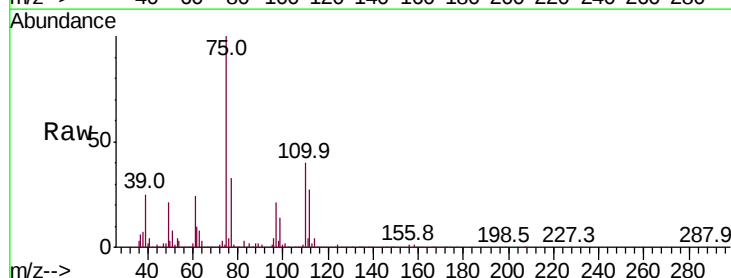
Acq: 20 Dec 2018 22:54

Tgt Ion: 75 Resp: 164522

Ion Ratio Lower Upper

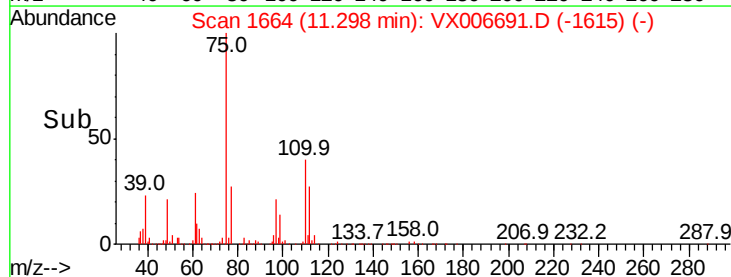
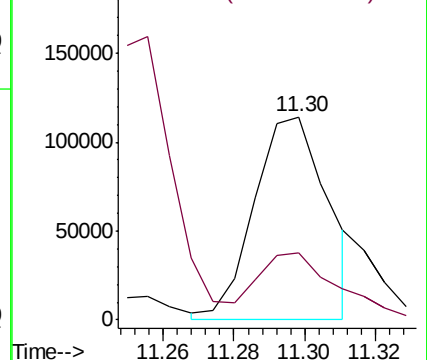
75 100

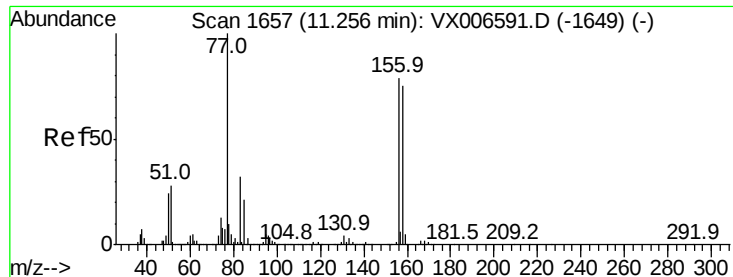
77 35.6 18.5 55.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.986 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX006691.D

Acq: 20 Dec 2018 22:54

Instrument :

MSVOA_X

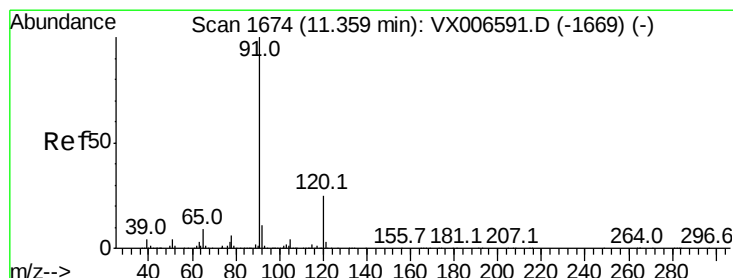
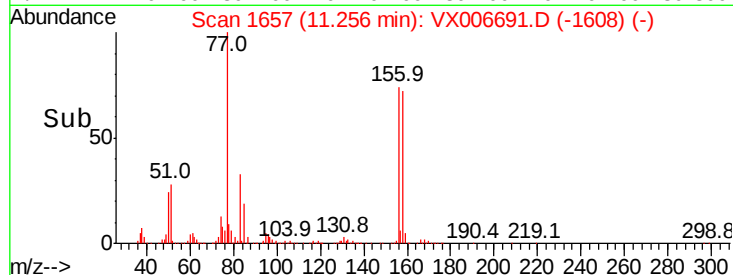
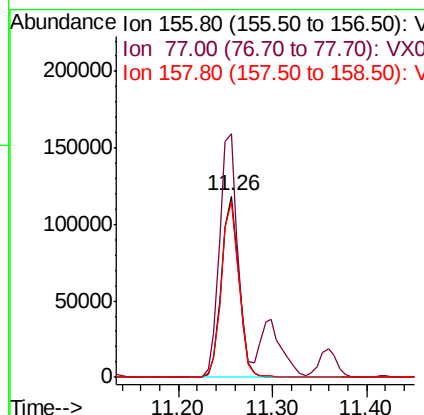
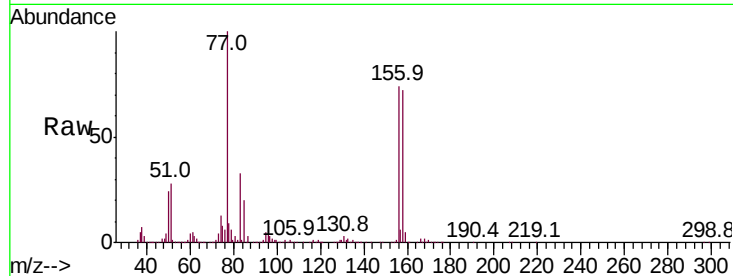
ClientSampleId :

VX1220WBS02

Tot Ion	Ratio	Lower	Upper
156	100		
77	140.2	68.0	204.0
158	97.4	48.3	144.8

Manual Integrations
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#78

n-propylbenzene

Concen: 20.294 ug/l

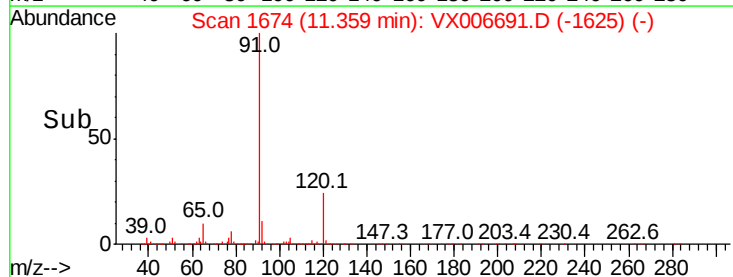
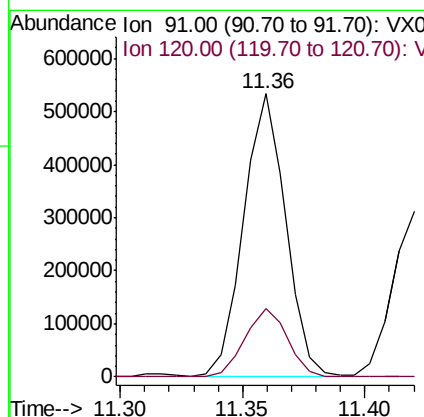
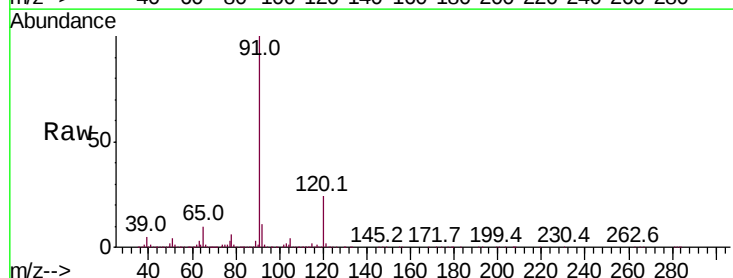
RT: 11.36 min Scan# 1674

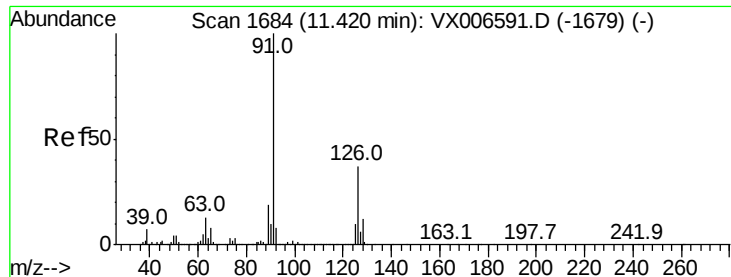
Delta R.T. -0.00 min

Lab File: VX006691.D

Acq: 20 Dec 2018 22:54

Tgt Ion	Ratio	Lower	Upper
91	100		
120	24.7	12.7	38.0





#79

2-Chlorotoluene

Concen: 20.014 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX006691.D

Acq: 20 Dec 2018 22:54

Instrument :

MSVOA_X

ClientSampleId :

VX1220WBS02

Tot Ion: 91 Resp: 378608

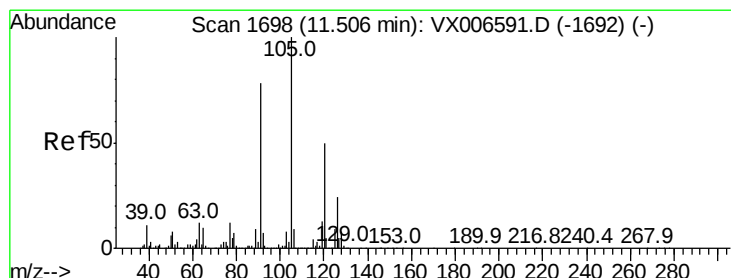
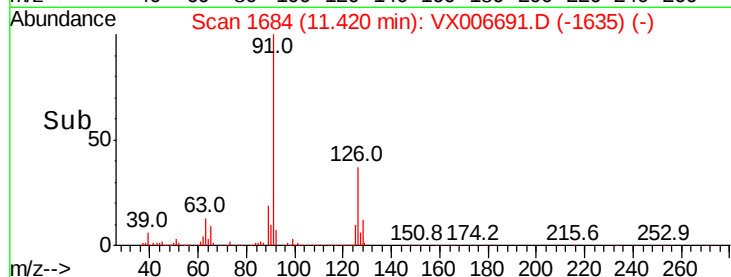
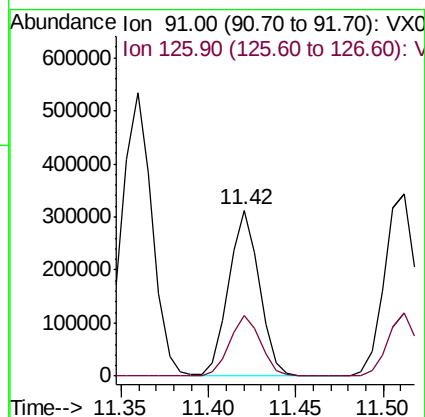
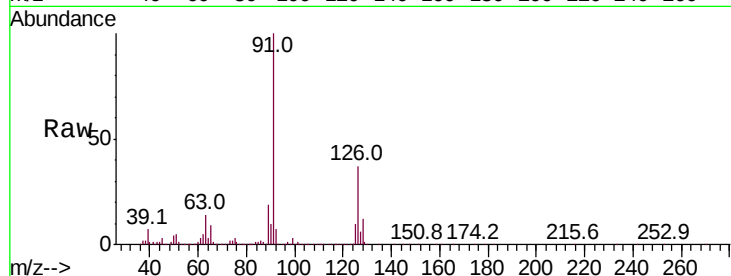
Ion Ratio Lower Upper

91 100

126 37.5 18.6 56.0

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#80

1,3,5-Trimethylbenzene

Concen: 20.540 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX006691.D

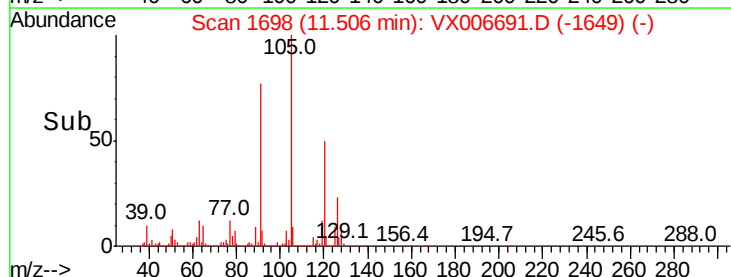
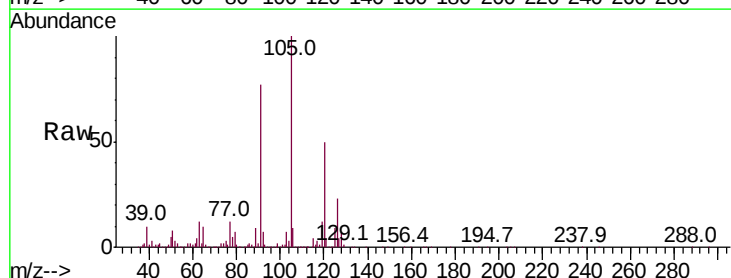
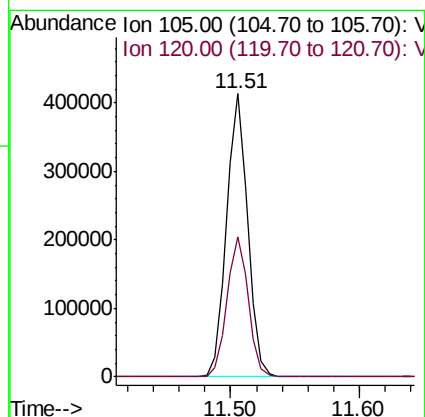
Acq: 20 Dec 2018 22:54

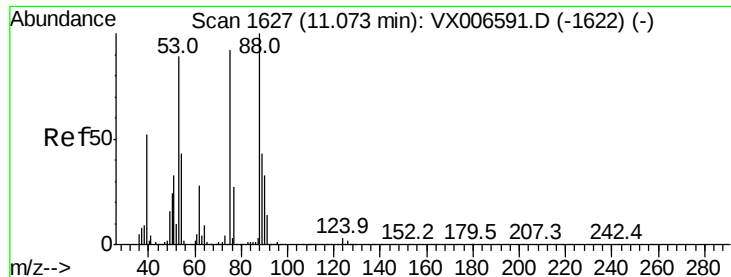
Tgt Ion: 105 Resp: 479585

Ion Ratio Lower Upper

105 100

120 49.9 25.1 75.3





#81

trans-1,4-Dichloro-2-butene

Concen: 16.075 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX006691.D

Acq: 20 Dec 2018 22:54

Instrument :

MSVOA_X

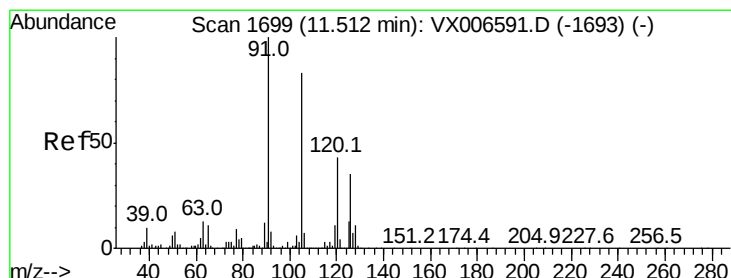
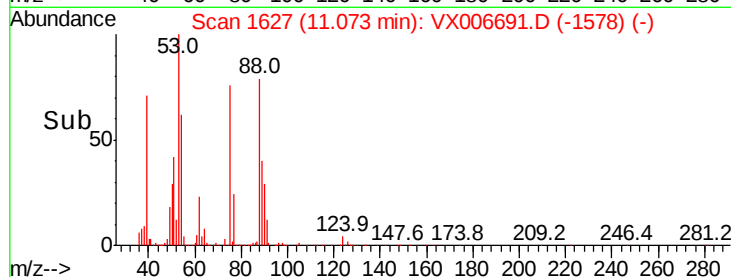
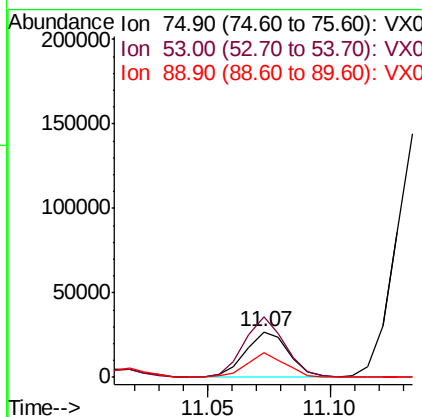
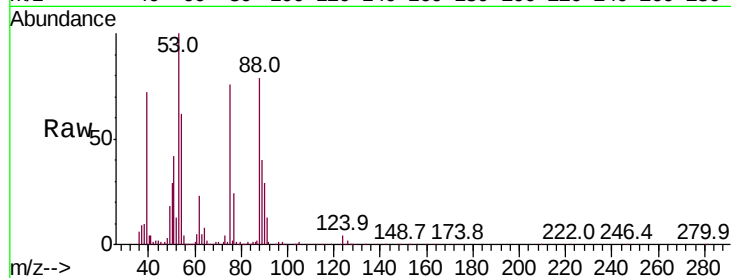
ClientSampleId :

VX1220WBS02

Tot Ion	Ratio	Lower	Upper
75	100		
53	127.6	79.7	119.5#
89	49.5	38.0	57.0

Manual Integrations
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#82

4-Chlorotoluene

Concen: 19.906 ug/l

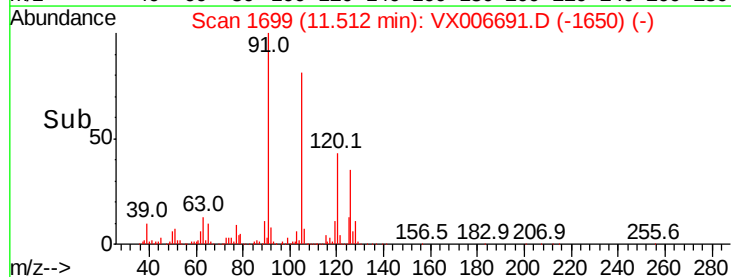
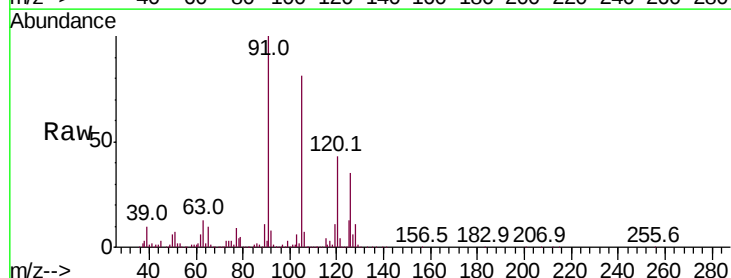
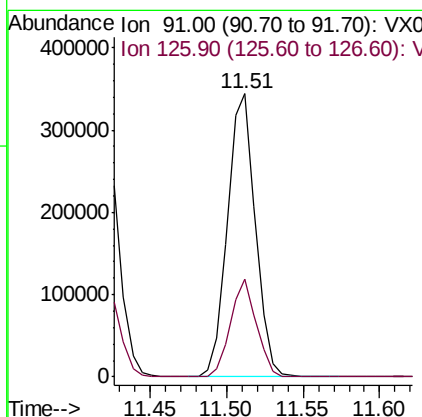
RT: 11.51 min Scan# 1699

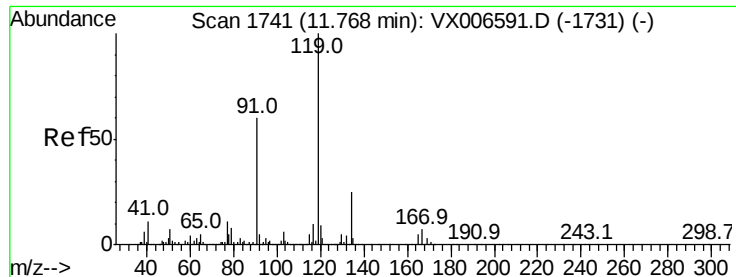
Delta R.T. -0.00 min

Lab File: VX006691.D

Acq: 20 Dec 2018 22:54

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.4	16.3	48.9





#83

tert-Butylbenzene

Concen: 20.105 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX006691.D

Acq: 20 Dec 2018 22:54

Instrument :

MSVOA_X

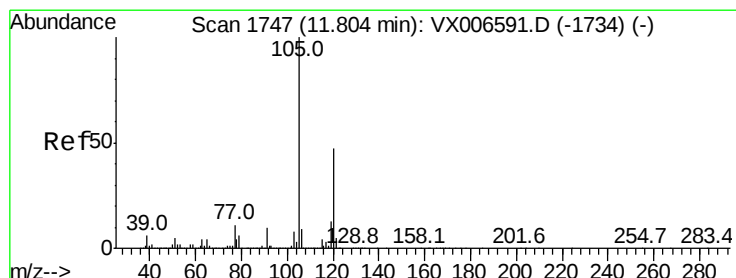
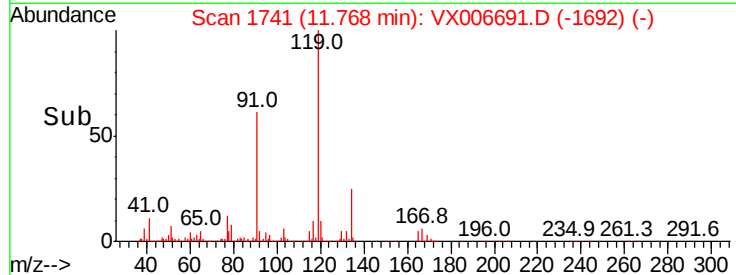
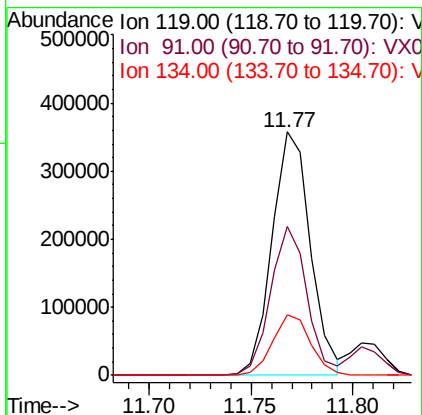
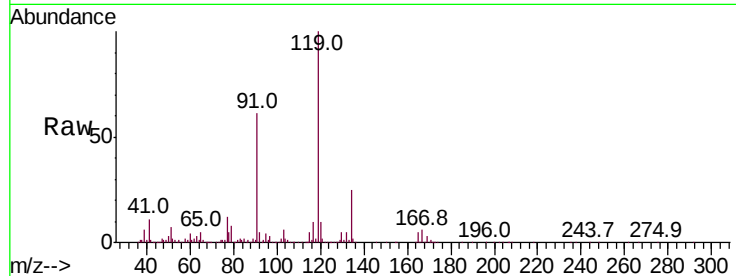
ClientSampleId :

VX1220WBS02

Tot Ion:	119	Resp:	469836
Ion Ratio	Lower	Upper	
119	100		
91	58.1	27.7	83.1
134	24.7	11.9	35.5

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#84

1,2,4-Trimethylbenzene

Concen: 19.840 ug/l

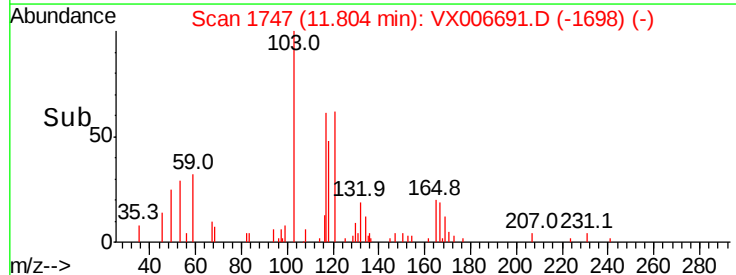
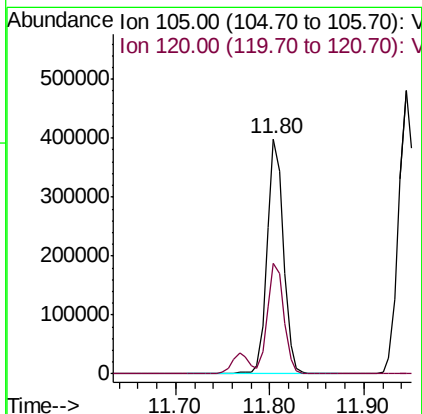
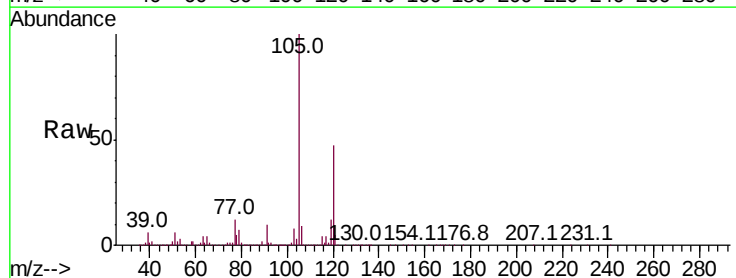
RT: 11.80 min Scan# 1747

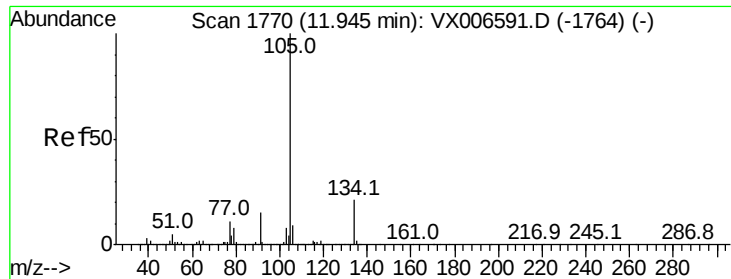
Delta R.T. -0.00 min

Lab File: VX006691.D

Acq: 20 Dec 2018 22:54

Tgt Ion:	105	Resp:	487244
Ion Ratio	Lower	Upper	
105	100		
120	46.8	23.2	69.6





#85

sec-Butylbenzene

Concen: 20.033 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX006691.D

Acq: 20 Dec 2018 22:54

Instrument :

MSVOA_X

ClientSampleId :

VX1220WBS02

Tot Ion:105 Resp: 573979

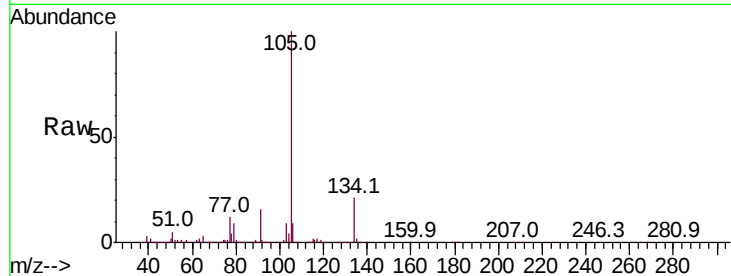
Ion Ratio Lower Upper

105 100

134 21.2 10.7 31.9

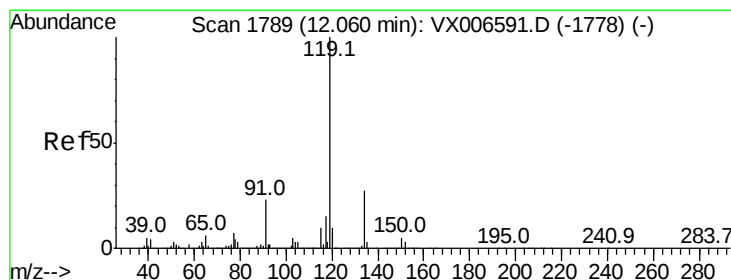
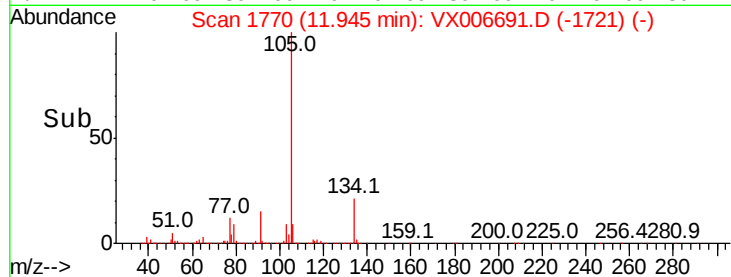
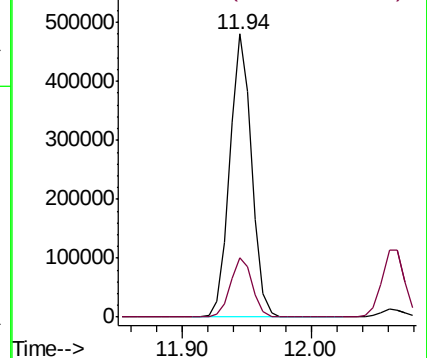
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.216 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX006691.D

Acq: 20 Dec 2018 22:54

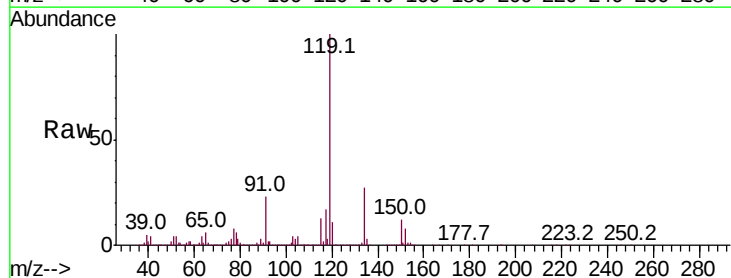
Tgt Ion:119 Resp: 509144

Ion Ratio Lower Upper

119 100

134 27.6 14.0 41.9

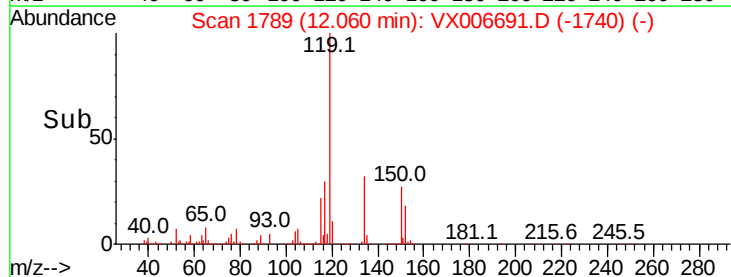
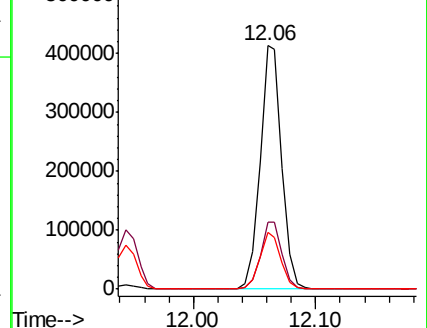
91 22.9 11.3 33.9

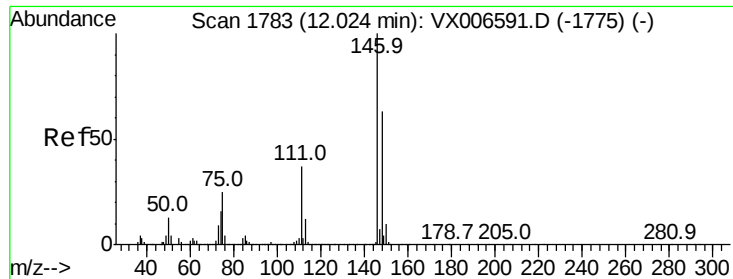


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





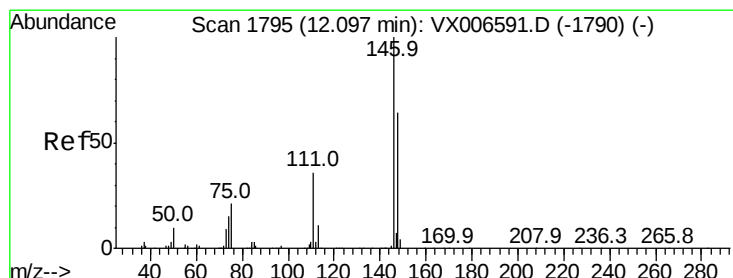
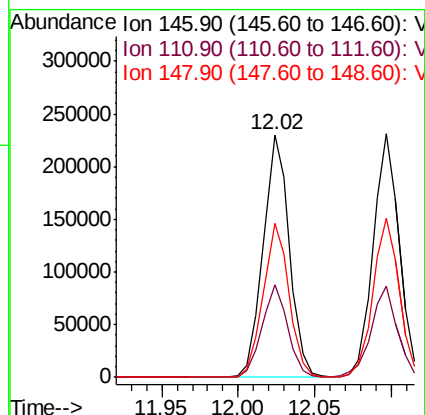
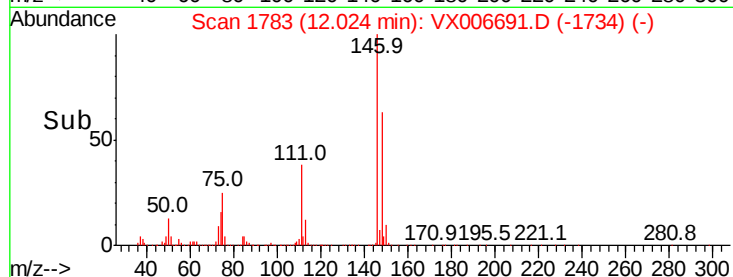
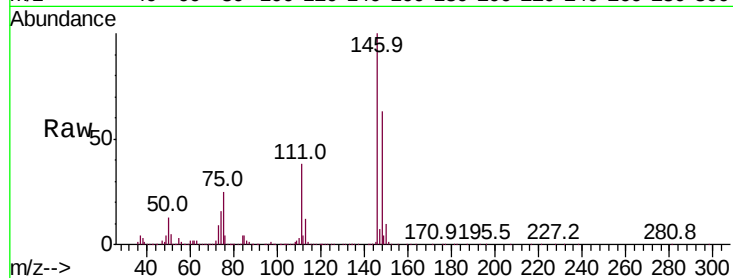
#87
 1,3-Dichlorobenzene
 Concen: 19.965 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX006691.D
 Acq: 20 Dec 2018 22:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1220WBS02

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.6	18.6	55.8
148	62.9	31.8	95.3

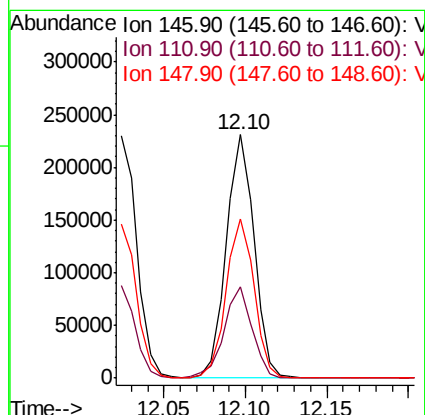
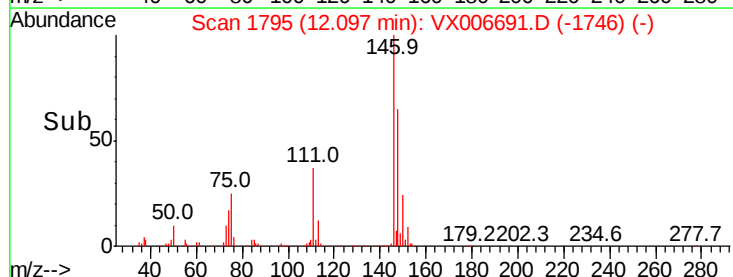
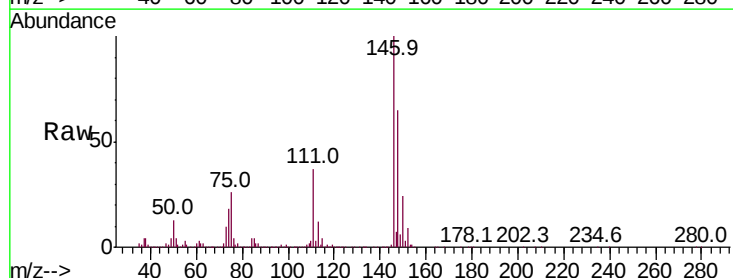
Manual Integrations
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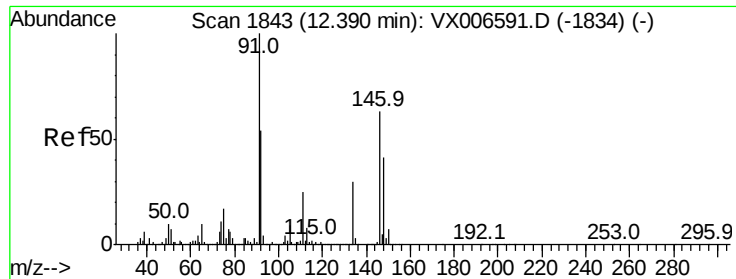
MMDadoda
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#88
 1,4-Dichlorobenzene
 Concen: 19.304 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX006691.D
 Acq: 20 Dec 2018 22:54

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.2	18.1	54.1
148	66.0	31.9	95.9





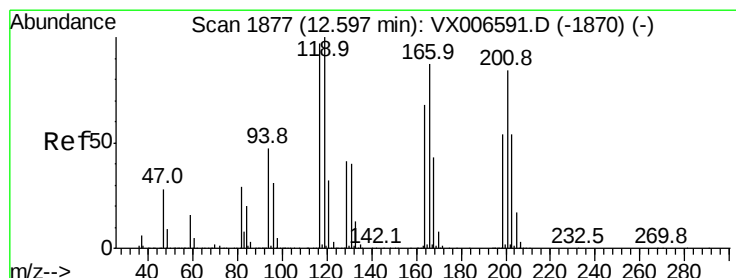
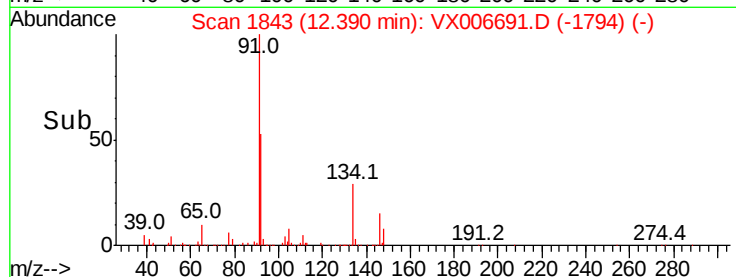
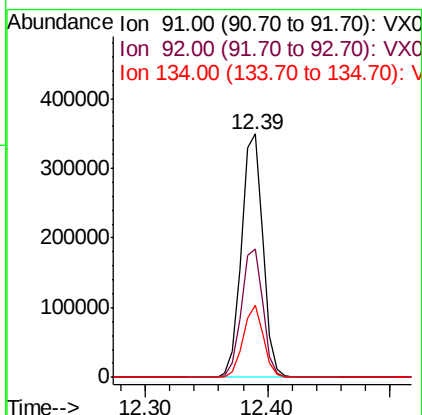
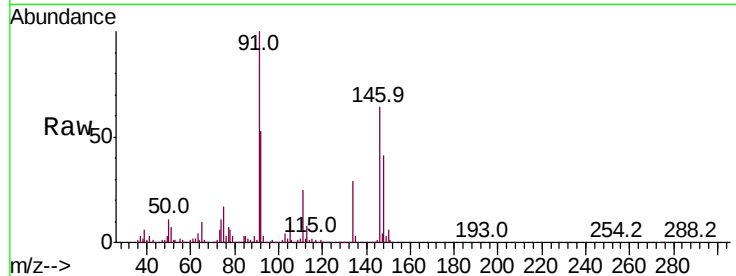
#89
n-Butylbenzene
Concen: 19.621 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX006691.D
Acq: 20 Dec 2018 22:54

Instrument :
MSVOA_X
ClientSampleId :
VX1220WBS02

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.9	26.8	80.4
134	28.0	14.4	43.2

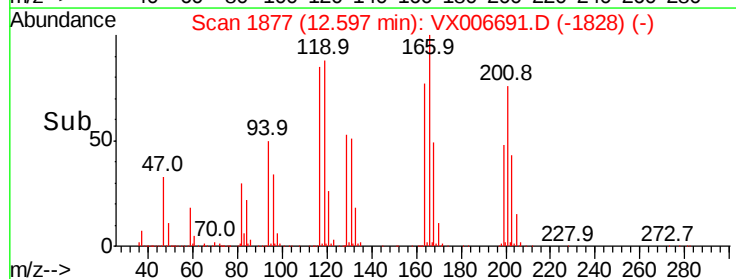
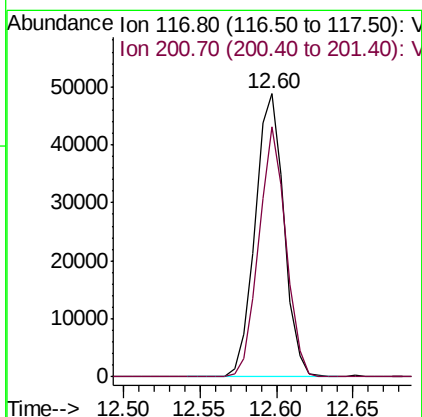
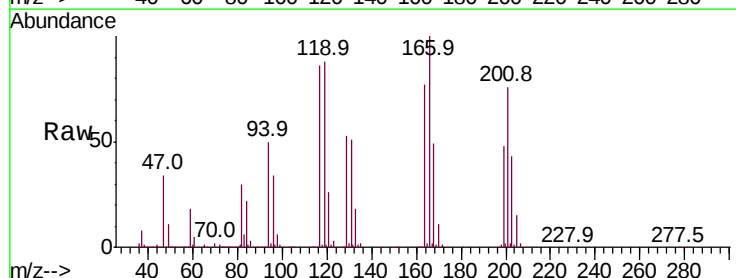
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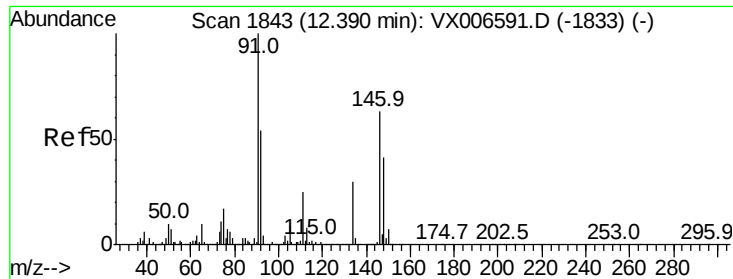
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#90
Hexachloroethane
Concen: 18.499 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX006691.D
Acq: 20 Dec 2018 22:54

Tgt Ion	Ratio	Lower	Upper
117	100		
201	82.9	42.9	128.7





#91

1,2-Dichlorobenzene

Concen: 19.837 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX006691.D

Acq: 20 Dec 2018 22:54

Instrument :

MSVOA_X

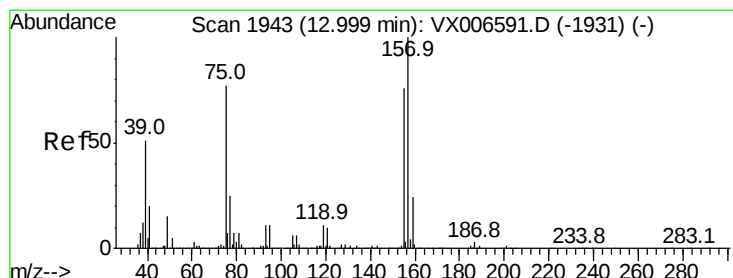
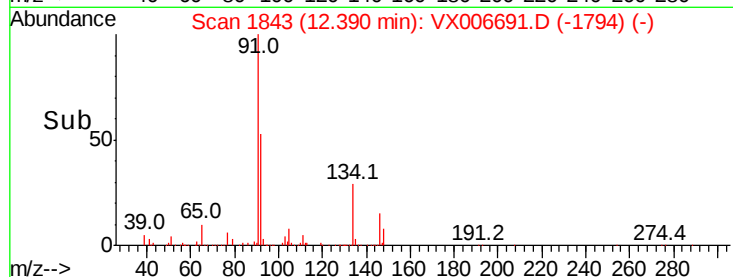
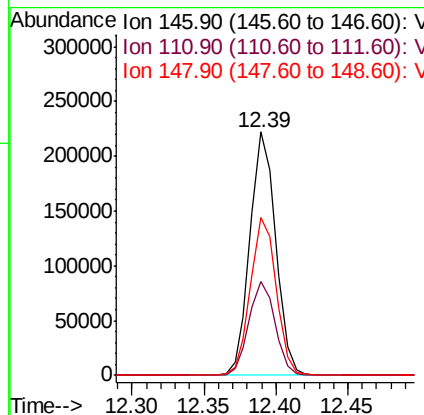
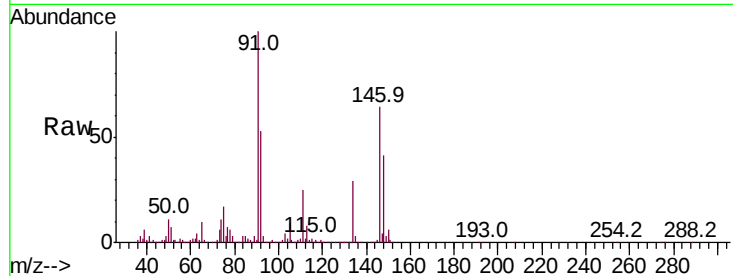
ClientSampleId :

VX1220WBS02

Tot Ion:	146	Resp:	274095
Ion Ratio	Lower	Upper	
146	100		
111	39.3	19.4	58.2
148	65.1	32.3	96.9

Manual Integrations
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#92

1,2-Dibromo-3-Chloropropane

Concen: 18.741 ug/l

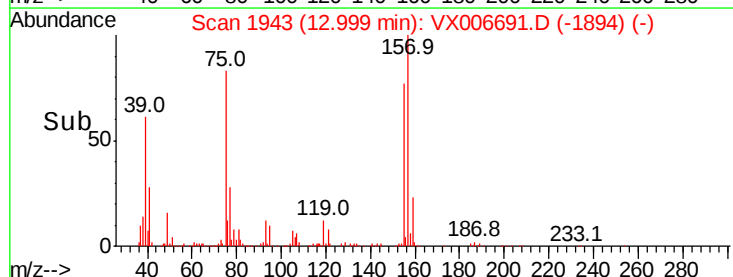
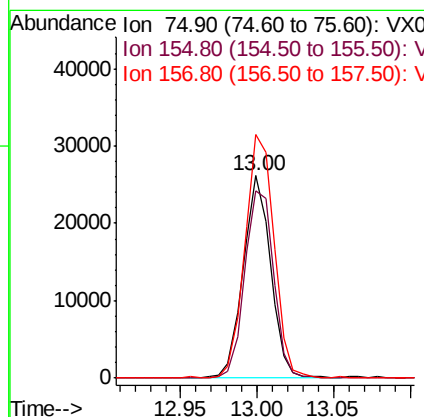
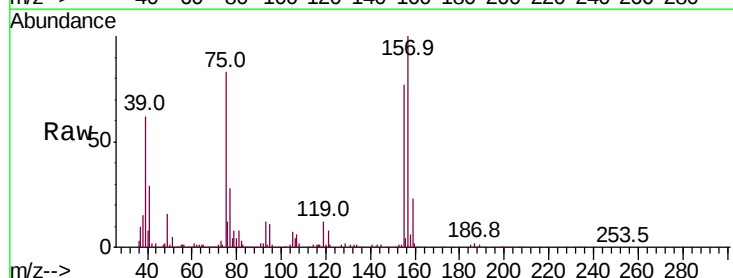
RT: 13.00 min Scan# 1943

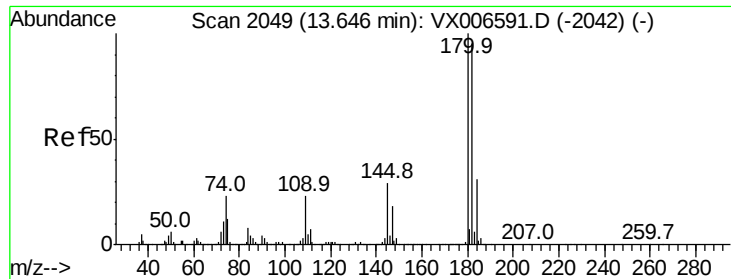
Delta R.T. -0.00 min

Lab File: VX006691.D

Acq: 20 Dec 2018 22:54

Tgt Ion:	75	Resp:	32693
Ion Ratio	Lower	Upper	
75	100		
155	96.8	50.6	151.8
157	127.5	64.6	193.8





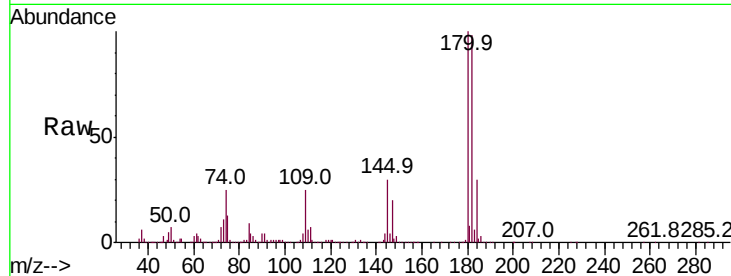
#93
 1,2,4-Trichlorobenzene
 Concen: 19.080 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX006691.D
 Acq: 20 Dec 2018 22:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1220WBS02

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	95.5	47.3	142.0	
145	30.2	14.8	44.3	

Manual Integrations
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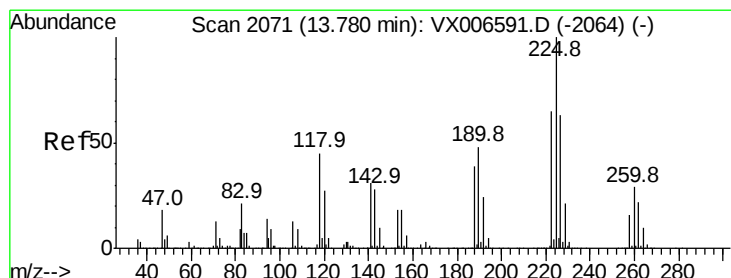
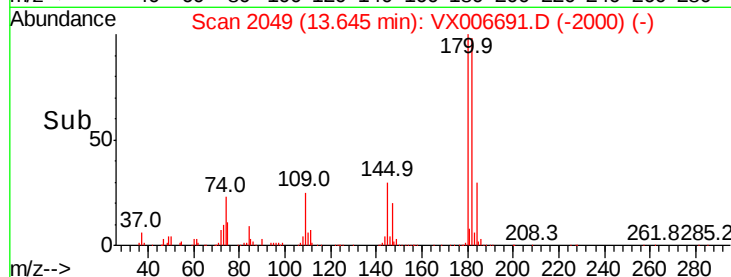
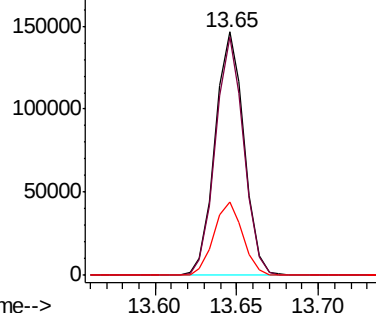


Abundance

Ion 179.80 (179.50 to 180.50): V

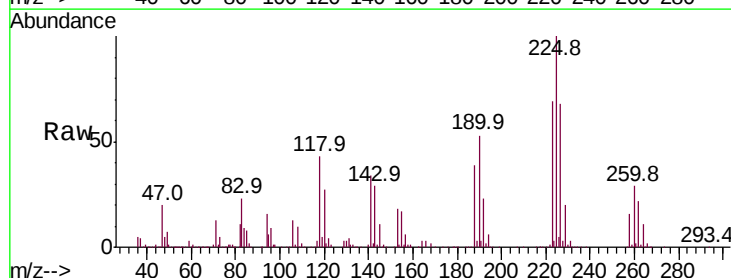
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 18.257 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX006691.D
 Acq: 20 Dec 2018 22:54

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	65.1	32.1	96.3	
227	66.0	32.3	96.8	

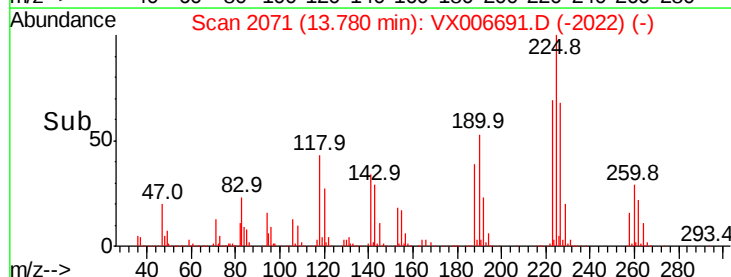
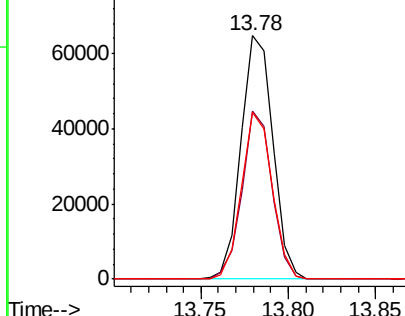


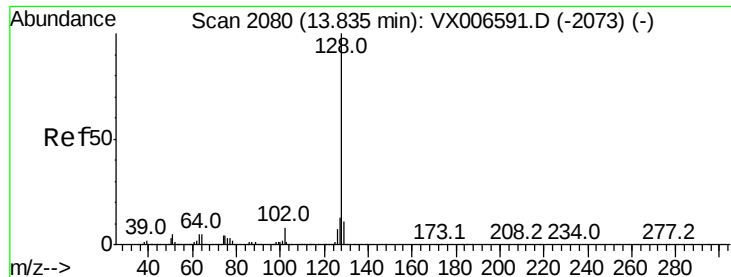
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





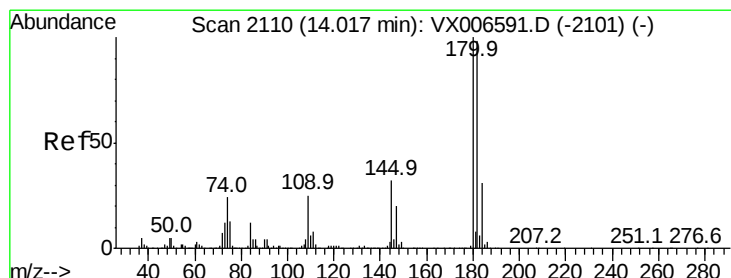
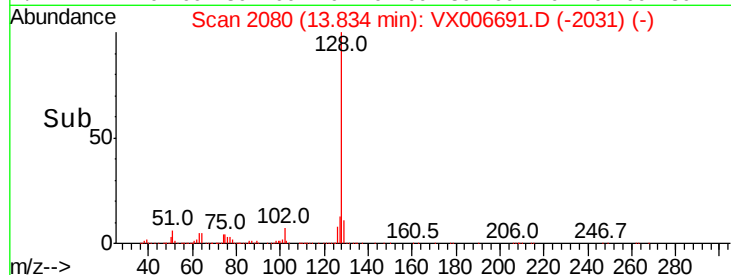
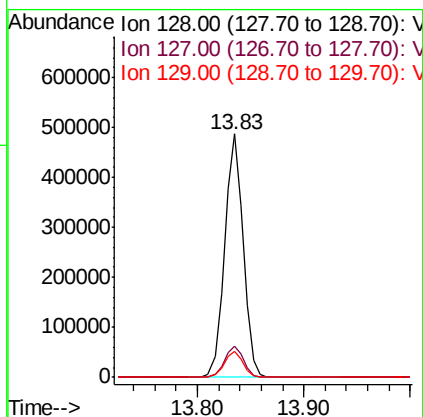
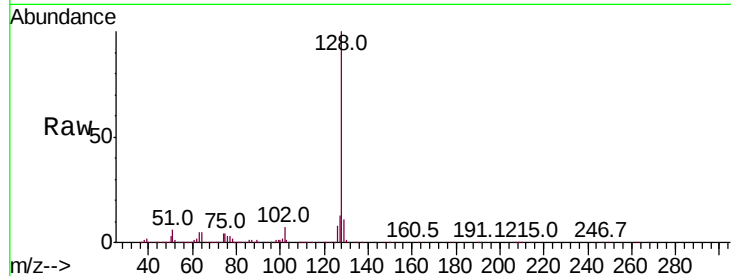
#95
Naphthalene
Concen: 19.461 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX006691.D
Acq: 20 Dec 2018 22:54

Instrument :
MSVOA_X
ClientSampleId :
VX1220WBS02

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.1	15.1
129	10.8	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
12/21/2018 10:19:22 AM



#96
1,2,3-Trichlorobenzene
Concen: 19.070 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX006691.D
Acq: 20 Dec 2018 22:54

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.1	48.5	145.5
145	32.0	16.0	47.9

