

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121218\
 Data File : VX006484.D
 Acq On : 13 Dec 2018 09:32
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 12/13/2018 1:02:05 PM

Quant Time: Dec 13 11:52:32 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 30 03:55:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	501426	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	797072	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	736899	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	386445	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	291333	56.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.82%	
35) Dibromofluoromethane	5.50	113	270301	52.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.76%	
50) Toluene-d8	8.71	98	993514	52.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.86%	
62) 4-Bromofluorobenzene	11.14	95	382236	54.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.08%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	263360	53.641	ug/l	100
3) Chloromethane	1.33	50	276391	54.782	ug/l	99
4) Vinyl Chloride	1.41	62	303966	55.978	ug/l	99
5) Bromomethane	1.64	94	273205	72.599	ug/l	100
6) Chloroethane	1.71	64	189189	56.824	ug/l	97
7) Trichlorofluoromethane	1.93	101	467970	56.143	ug/l	99
8) Diethyl Ether	2.19	74	181866	57.651	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	2.39	101	271396	57.261	ug/l	98
10) Methyl Iodide	2.51	142	450194	63.028	ug/l	98
11) Tert butyl alcohol	3.07	59	363196	259.451	ug/l	100
12) 1,1-Dichloroethene	2.37	96	253875	55.954	ug/l	95
13) Acrolein	2.30	56	155429	203.145	ug/l	100
14) Allyl chloride	2.73	41	424325	47.343	ug/l	98
15) Acrylonitrile	3.15	53	803548	275.077	ug/l	100
16) Acetone	2.45	43	662846	275.933	ug/l	97
17) Carbon Disulfide	2.57	76	679363	48.591	ug/l	99
18) Methyl Acetate	2.78	43	442451	55.076	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	891332	55.068	ug/l	99
20) Methylene Chloride	2.86	84	291118	56.943	ug/l	92
21) trans-1,2-Dichloroethene	3.17	96	278794	57.660	ug/l	93
22) Diisopropyl ether	3.87	45	798597	57.045	ug/l	99
23) Vinyl Acetate	3.82	43	3269133	273.787	ug/l	99
24) 1,1-Dichloroethane	3.70	63	471249	58.893	ug/l	99
25) 2-Butanone	4.70	43	973601	284.048	ug/l	97
26) 2,2-Dichloropropane	4.58	77	235433	31.881	ug/l	95
27) cis-1,2-Dichloroethene	4.60	96	318439	59.043	ug/l	95
28) Bromochloromethane	5.02	49	190678	54.555	ug/l	98
29) Tetrahydrofuran	5.15	42	669294	280.959	ug/l	97
30) Chloroform	5.21	83	497181	59.126	ug/l	97
31) Cyclohexane	5.57	56	426537	57.680	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	442194	55.269	ug/l	99
36) 1,1-Dichloropropene	5.80	75	363431	54.145	ug/l	100
37) Ethyl Acetate	4.85	43	380058	50.561	ug/l	98
38) Carbon Tetrachloride	5.78	117	388653	49.220	ug/l	99

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 Quant Title : SW846 8260
 QLast Update : Fri Nov 30 03:55:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	470613	54.015	ug/l	98
40) Benzene	6.15	78	1126760	56.048	ug/l	99
41) Methacrylonitrile	5.06	41	210884	50.986	ug/l	97
42) 1,2-Dichloroethane	6.20	62	371535	56.468	ug/l	100
43) Isopropyl Acetate	6.46	43	623019	49.712	ug/l	99
44) Trichloroethene	7.21	130	327795	53.823	ug/l	95
45) 1,2-Dichloropropane	7.52	63	275695	53.959	ug/l	100
46) Dibromomethane	7.66	93	204188	55.334	ug/l	95
47) Bromodichloromethane	7.90	83	356469	49.884	ug/l	100
48) Methyl methacrylate	7.77	41	316009	51.831	ug/l	98
49) 1,4-Dioxane	7.75	88	161798	1076.726	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	1939644	265.859	ug/l	98
52) Toluene	8.79	92	744691	56.305	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	372614	44.586	ug/l	99
54) cis-1,3-Dichloropropene	8.44	75	408429	47.065	ug/l	96
55) 1,1,2-Trichloroethane	9.22	97	303117	56.413	ug/l	99
56) Ethyl methacrylate	9.18	69	458359	54.567	ug/l	97
57) 1,3-Dichloropropane	9.37	76	479662	56.454	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	1030769	241.818	ug/l	99
59) 2-Hexanone	9.49	43	1454863	261.009	ug/l	99
60) Dibromochloromethane	9.58	129	324684	49.004	ug/l	99
61) 1,2-Dibromoethane	9.67	107	335193	55.791	ug/l	100
64) Tetrachloroethene	9.34	164	314082	56.596	ug/l	97
65) Chlorobenzene	10.14	112	867596	55.463	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	308709	50.793	ug/l	99
67) Ethyl Benzene	10.25	91	1420283	54.591	ug/l	99
68) m/p-Xylenes	10.36	106	1149301	110.280	ug/l	99
69) o-Xylene	10.70	106	567784	55.156	ug/l	100
70) Styrene	10.71	104	917154	55.087	ug/l	99
71) Bromoform	10.86	173	244165	42.557	ug/l	99
73) Isopropylbenzene	11.02	105	1488604	55.779	ug/l	100
74) N-amyl acetate	10.90	43	564210	49.095	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.27	83	450673	52.785	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	409243m	54.866	ug/l	
77) Bromobenzene	11.26	156	404276	54.586	ug/l	98
78) n-propylbenzene	11.36	91	1640973	55.316	ug/l	99
79) 2-Chlorotoluene	11.42	91	979225	55.537	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	1234620	55.602	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	114636	36.066	ug/l	88
82) 4-Chlorotoluene	11.51	91	1123532	54.806	ug/l	99
83) tert-Butylbenzene	11.77	119	1271581	53.672	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	1258615	54.893	ug/l	99
85) sec-Butylbenzene	11.94	105	1491281	55.330	ug/l	99
86) p-Isopropyltoluene	12.07	119	1342660	55.322	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	722397	54.817	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	728994	54.501	ug/l	100
89) n-Butylbenzene	12.39	91	1118331	54.005	ug/l	100
90) Hexachloroethane	12.60	117	229147	46.326	ug/l	93
91) 1,2-Dichlorobenzene	12.39	146	710902	54.354	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	99462	45.445	ug/l	97

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MSVOA_X
ClientSampleId :
VSTDCCC050EC

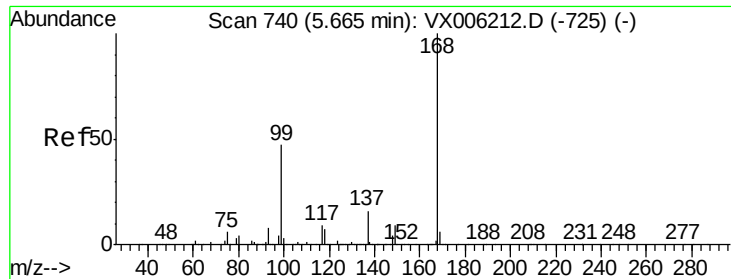
Manual Integrations
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Quant Title : SW846 8260
QLast Update : Fri Nov 30 03:55:33 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	496140	51.996	ug/l	99
94) Hexachlorobutadiene	13.78	225	218645	51.813	ug/l	99
95) Naphthalene	13.83	128	1620614	54.600	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	505545	53.491	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX006484.D

Acq: 13 Dec 2018 09:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 501426

Ion Ratio Lower Upper

168 100

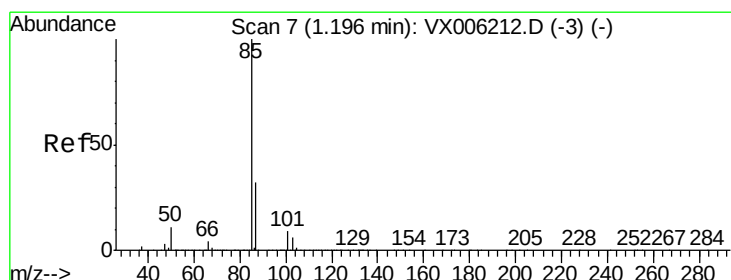
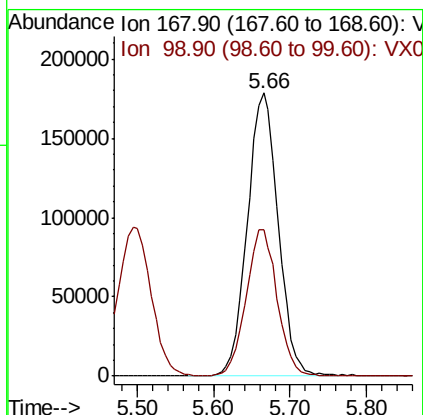
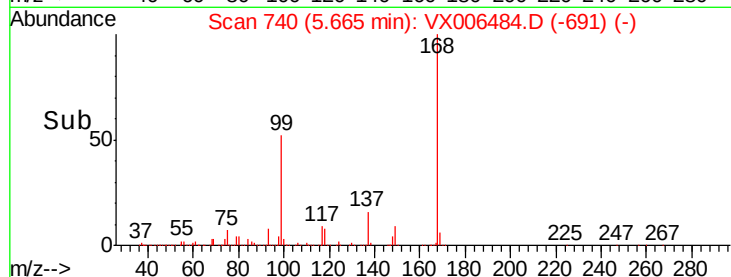
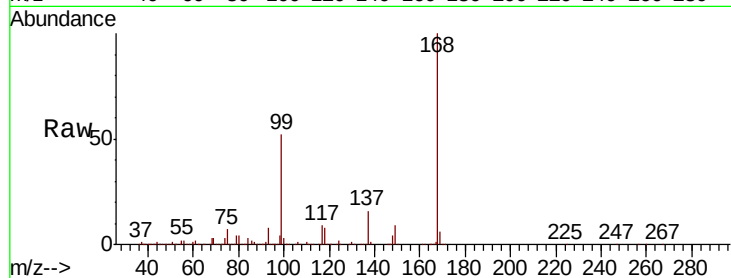
99 51.5 37.8 56.8

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 53.641 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX006484.D

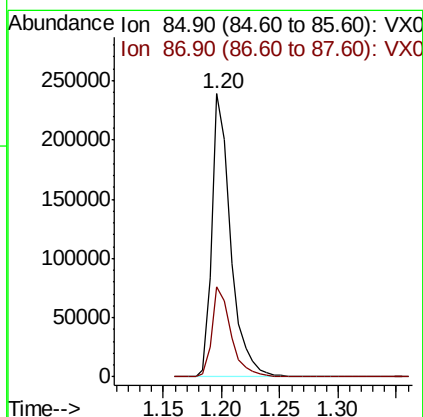
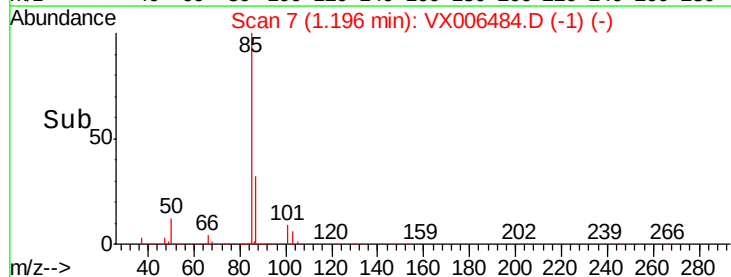
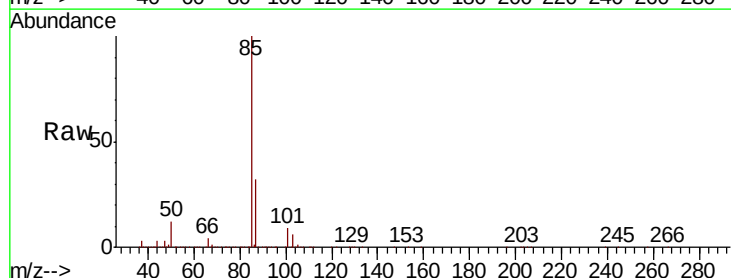
Acq: 13 Dec 2018 09:32

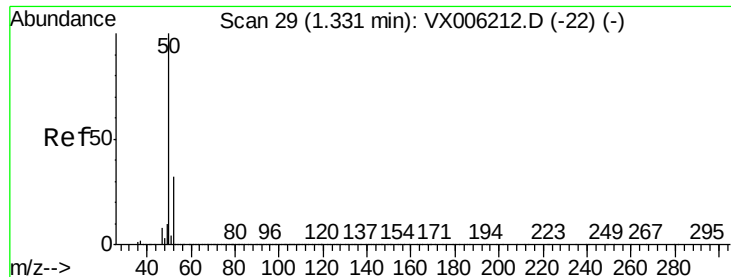
Tgt Ion: 85 Resp: 263360

Ion Ratio Lower Upper

85 100

87 31.9 16.1 48.2





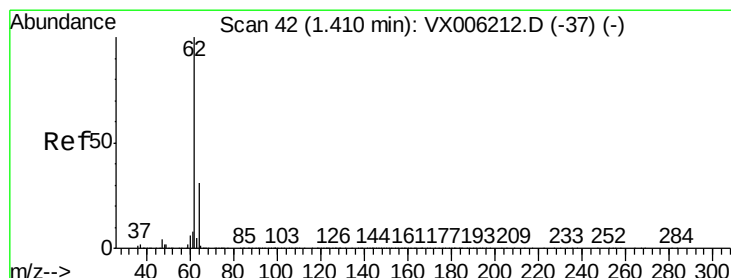
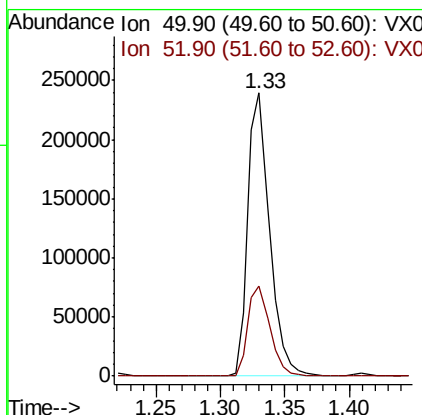
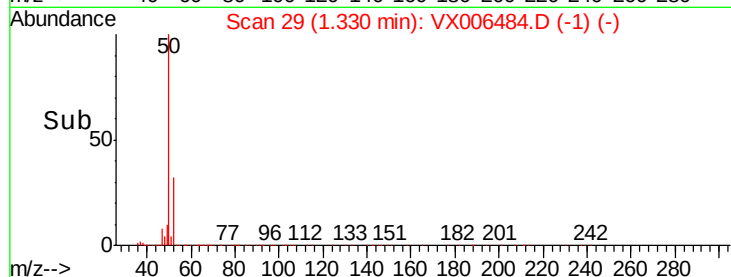
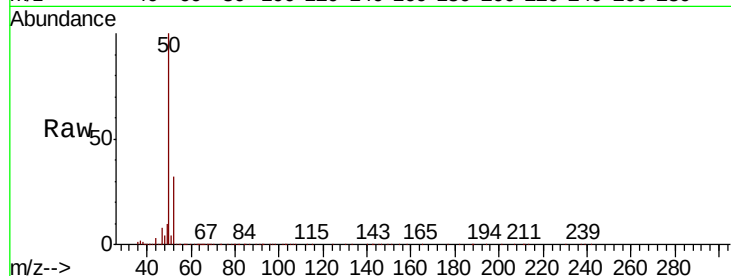
#3
Chloromethane
Concen: 54.782 ug/l
RT: 1.33 min Scan# 29
Delta R.T. -0.00 min
Lab File: VX006484.D
Acq: 13 Dec 2018 09:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
50	100		
52	31.9	25.2	37.8

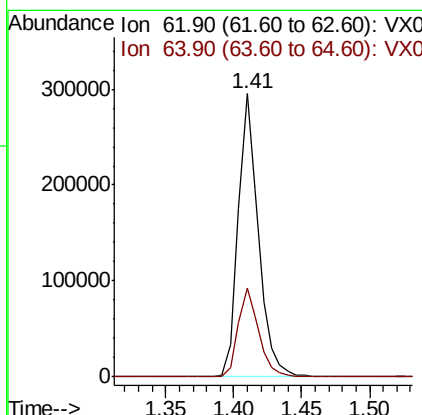
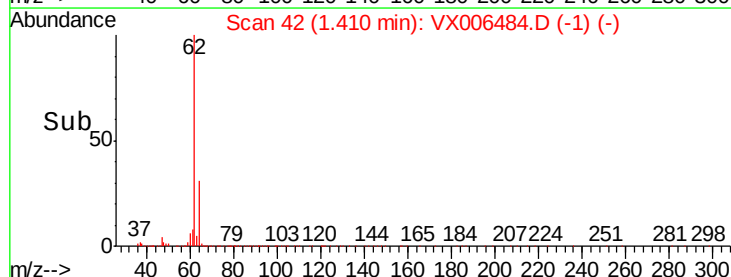
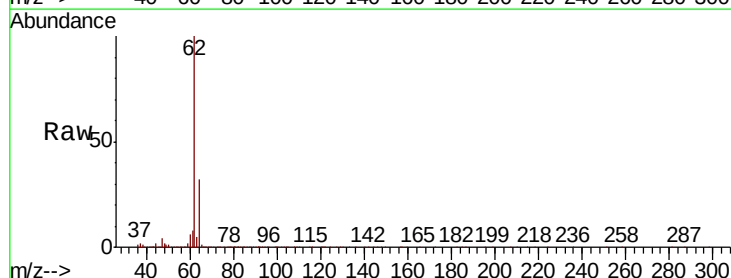
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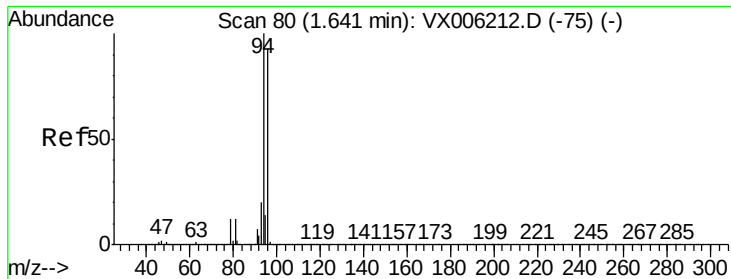
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#4
Vinyl Chloride
Concen: 55.978 ug/l
RT: 1.41 min Scan# 42
Delta R.T. -0.00 min
Lab File: VX006484.D
Acq: 13 Dec 2018 09:32

Tgt Ion	Ratio	Lower	Upper
62	100		
64	31.4	24.9	37.3





#5

Bromomethane

Concen: 72.599 ug/l

RT: 1.64 min Scan# 80

Delta R.T. -0.00 min

Lab File: VX006484.D

Acq: 13 Dec 2018 09:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 273205

Ion Ratio Lower Upper

94 100

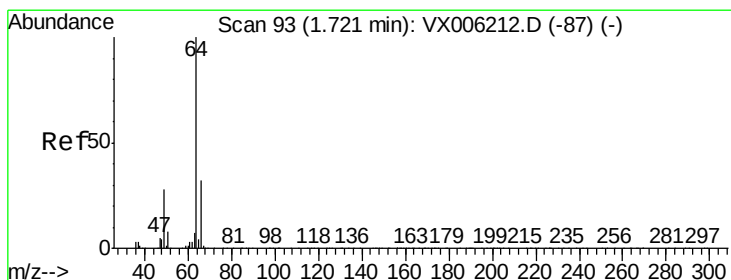
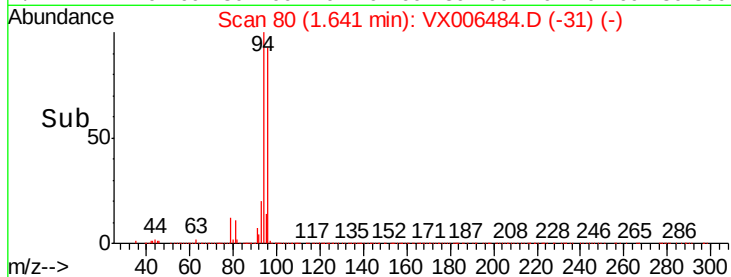
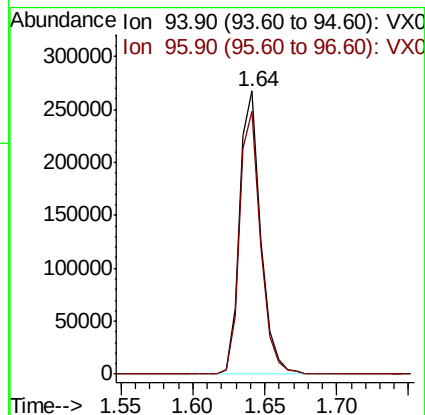
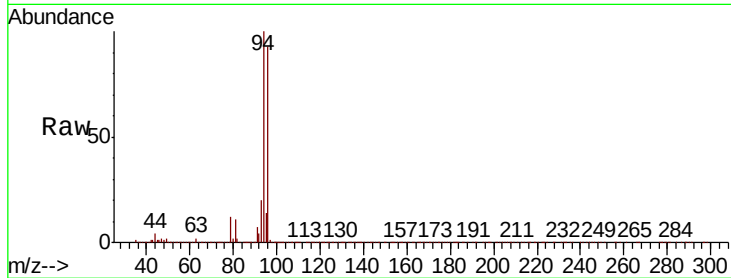
96 92.7 74.5 111.7

Manual Integrations

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#6

Chloroethane

Concen: 56.824 ug/l

RT: 1.71 min Scan# 92

Delta R.T. -0.01 min

Lab File: VX006484.D

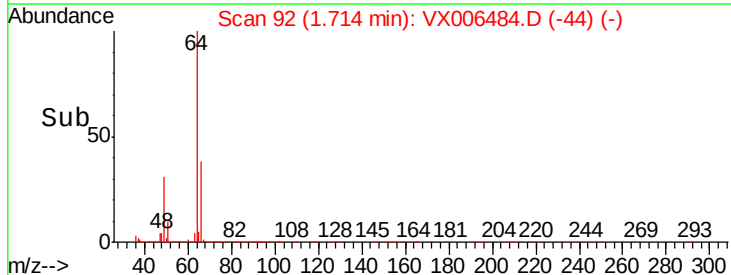
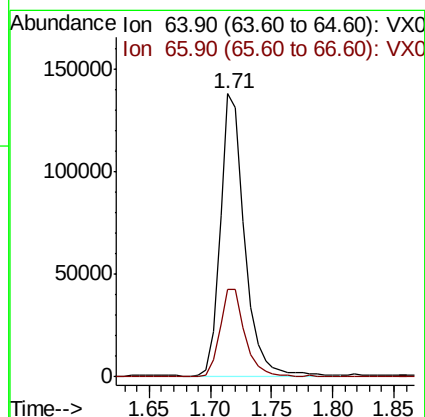
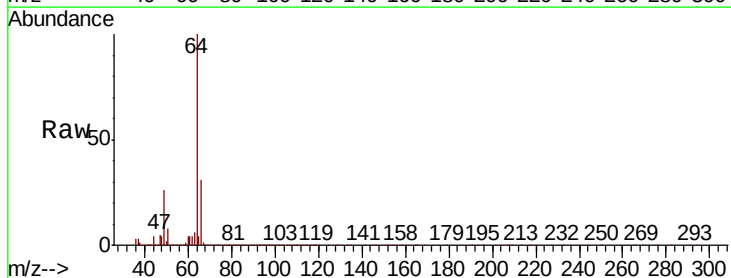
Acq: 13 Dec 2018 09:32

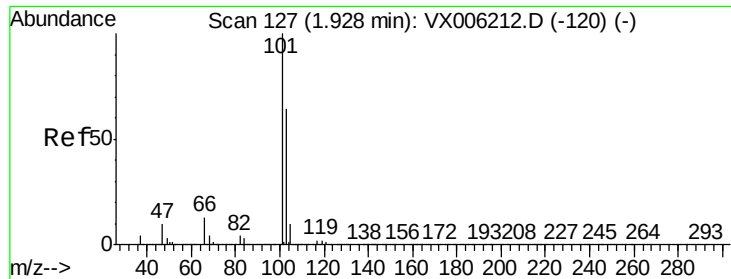
Tgt Ion: 64 Resp: 189189

Ion Ratio Lower Upper

64 100

66 31.0 25.9 38.9





#7

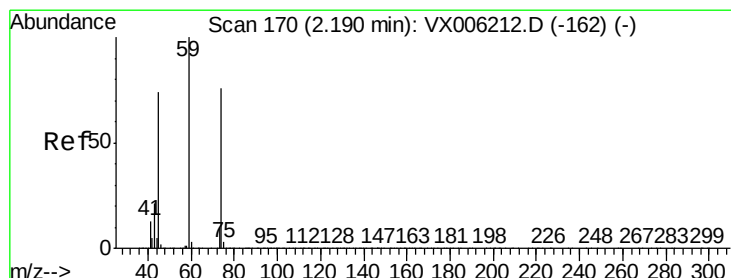
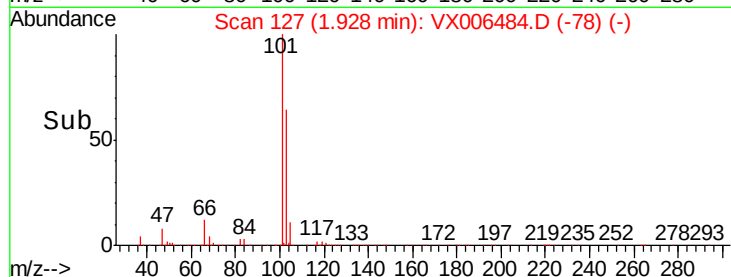
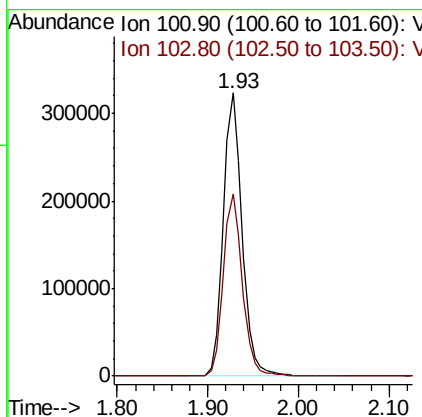
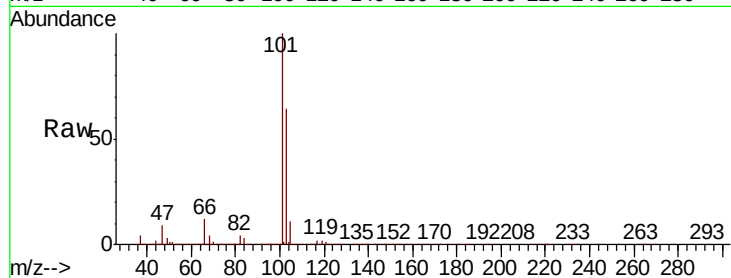
Trichlorofluoromethane
Concen: 56.143 ug/l
RT: 1.93 min Scan# 127
Delta R.T. -0.00 min
Lab File: VX006484.D
Acq: 13 Dec 2018 09:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.2	51.0	76.4

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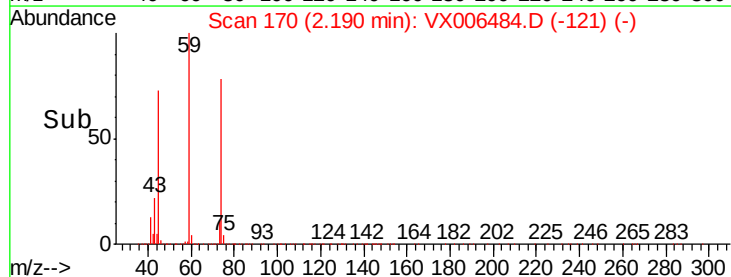
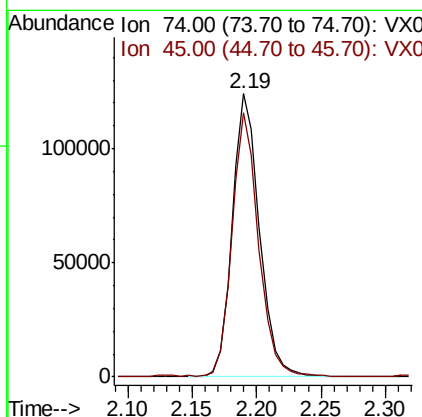
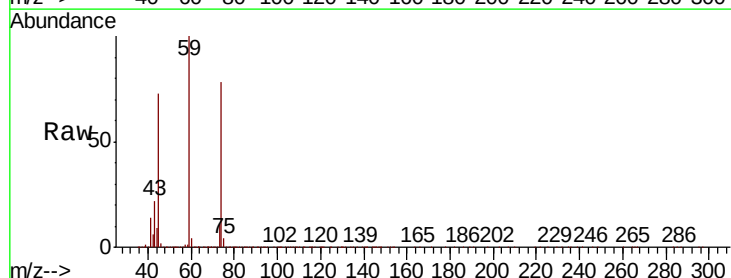
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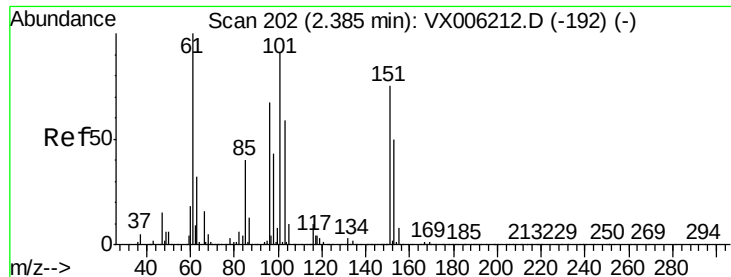


#8

Diethyl Ether
Concen: 57.651 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX006484.D
Acq: 13 Dec 2018 09:32

Tgt Ion	Ratio	Lower	Upper
74	100		
45	90.4	49.5	148.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 57.261 ug/l

RT: 2.39 min Scan# 202

Delta R.T. -0.00 min

Lab File: VX006484.D

Acq: 13 Dec 2018 09:32

Instrument :

MSVOA_X

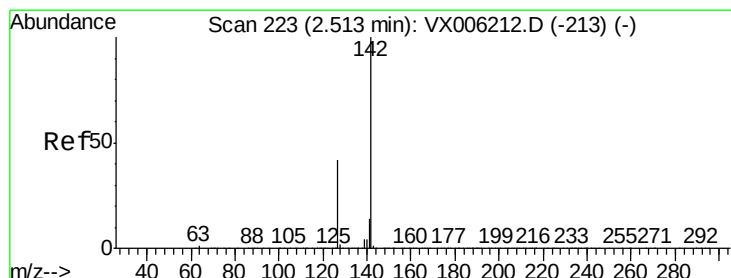
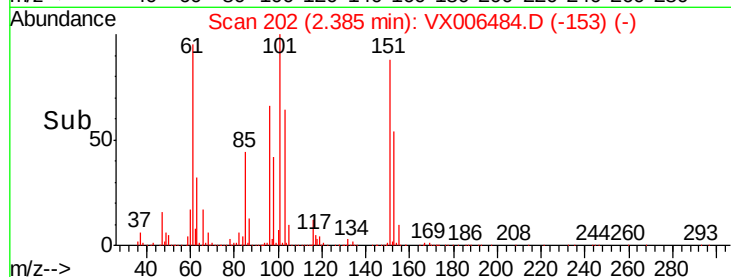
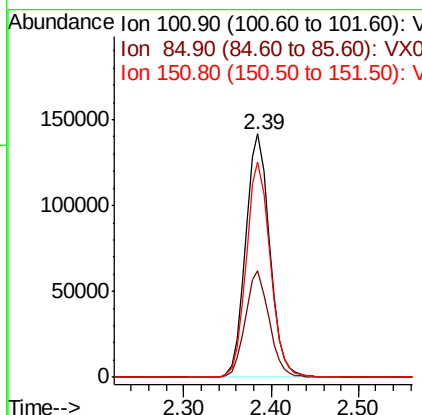
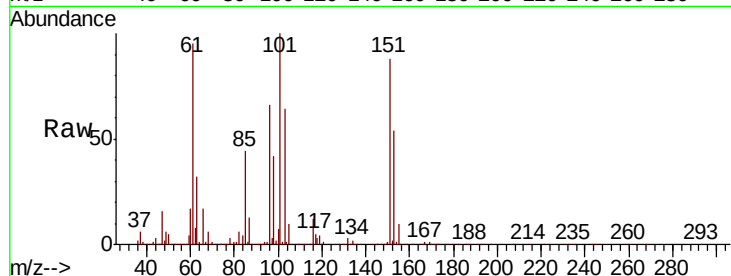
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	271396
Ion Ratio	Lower	Upper	
101	100		
85	43.4	35.5	53.3
151	88.1	68.6	103.0

Manual Integrations
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#10

Methyl Iodide

Concen: 63.028 ug/l

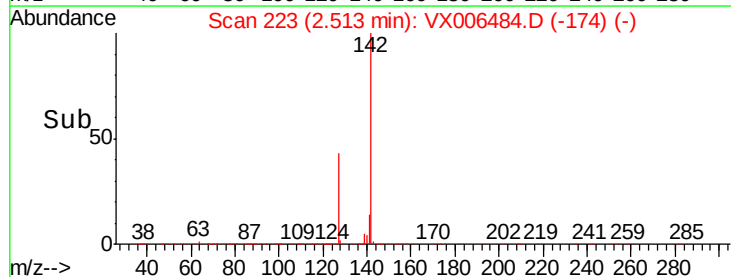
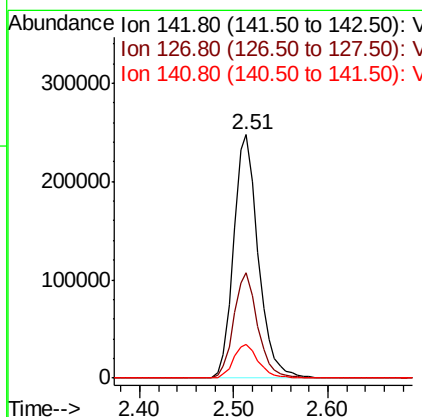
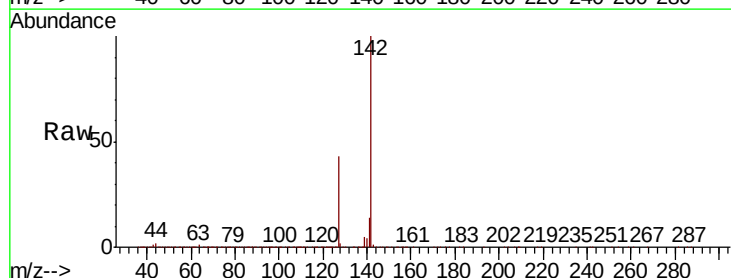
RT: 2.51 min Scan# 223

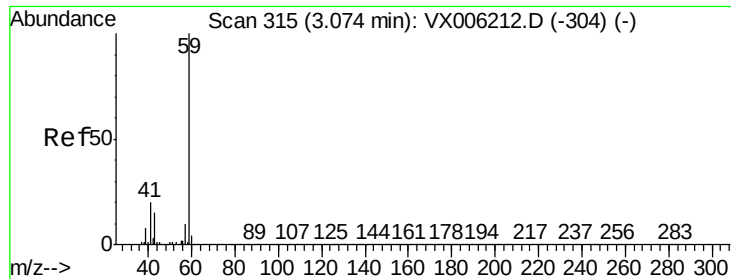
Delta R.T. -0.00 min

Lab File: VX006484.D

Acq: 13 Dec 2018 09:32

Tgt Ion:	142	Resp:	450194
Ion Ratio	Lower	Upper	
142	100		
127	42.3	34.8	52.2
141	14.0	11.4	17.2





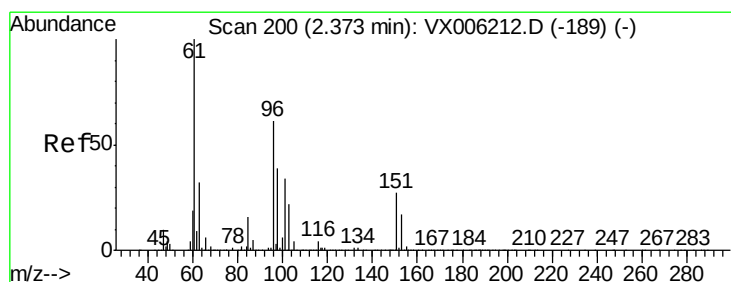
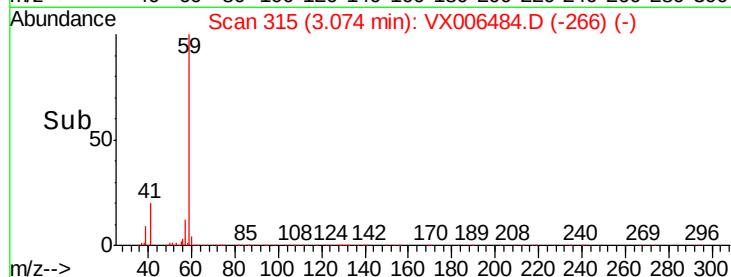
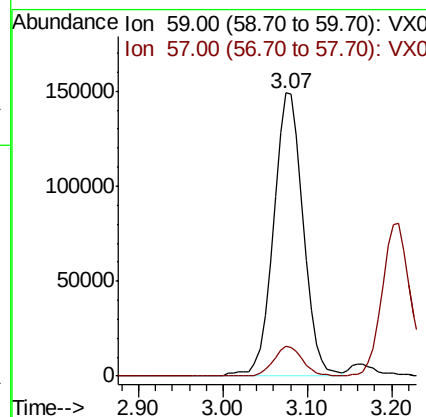
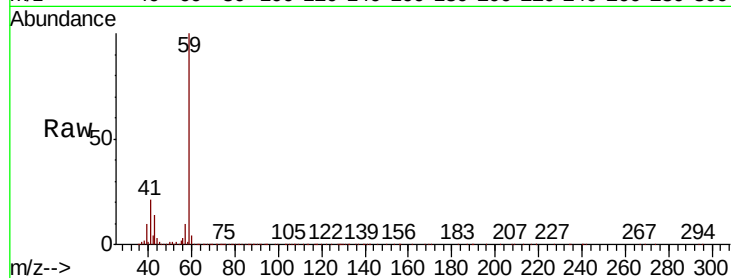
#11
Tert butyl alcohol
Concen: 259.451 ug/l
RT: 3.07 min Scan# 315
Delta R.T. -0.00 min
Lab File: VX006484.D
Acq: 13 Dec 2018 09:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 59 Resp: 363196
Ion Ratio Lower Upper
59 100
57 10.4 8.2 12.2

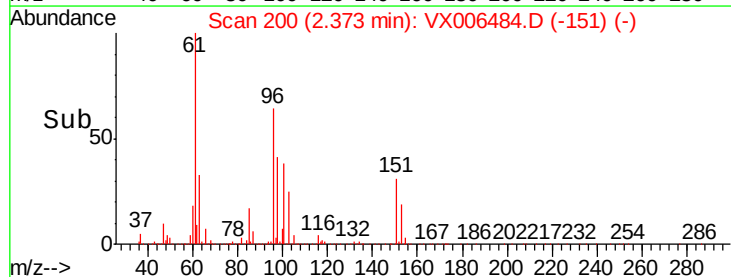
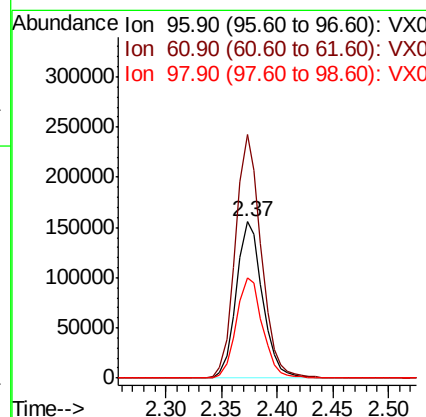
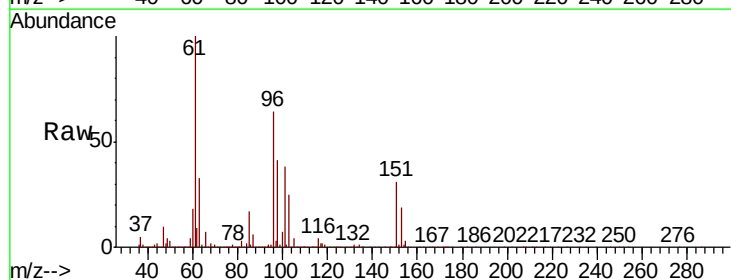
Manual Integrations
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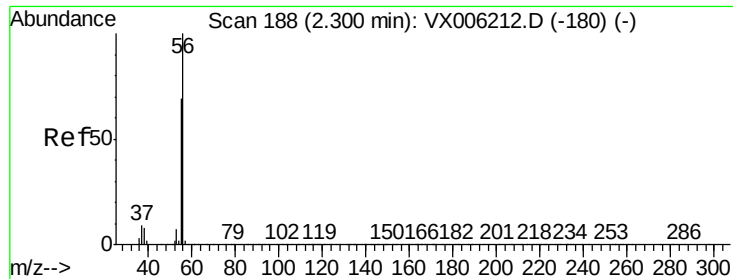
MMDadoda
12/13/2018 1:02:05 PM



#12
1,1-Dichloroethene
Concen: 55.954 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX006484.D
Acq: 13 Dec 2018 09:32

Tgt Ion: 96 Resp: 253875
Ion Ratio Lower Upper
96 100
61 156.1 131.7 197.5
98 64.5 51.8 77.6





#13

Acrolein

Concen: 203.145 ug/l

RT: 2.30 min Scan# 188

Delta R.T. -0.00 min

Lab File: VX006484.D

Acq: 13 Dec 2018 09:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 155429

Ion Ratio Lower Upper

56 100

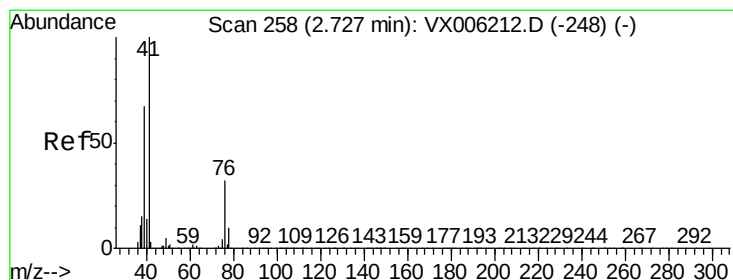
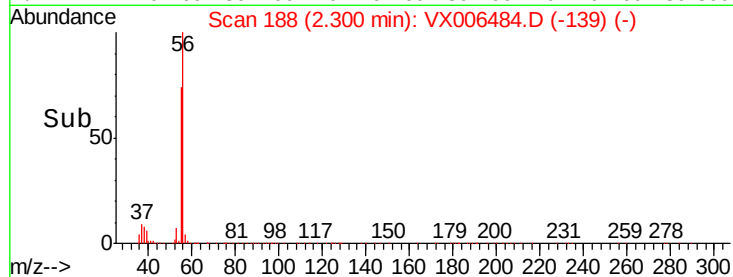
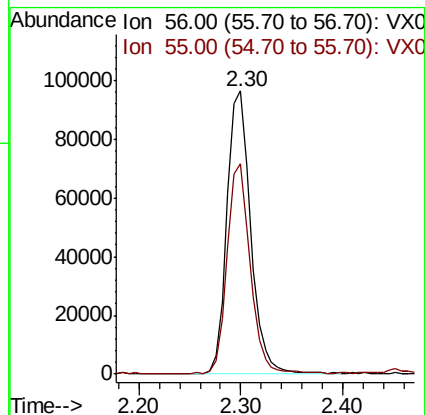
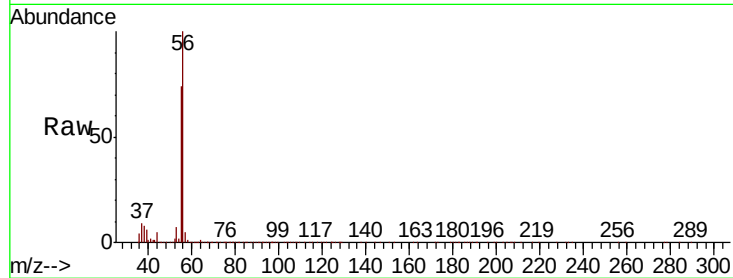
55 72.1 57.8 86.6

Manual Integrations

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#14

Allyl chloride

Concen: 47.343 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX006484.D

Acq: 13 Dec 2018 09:32

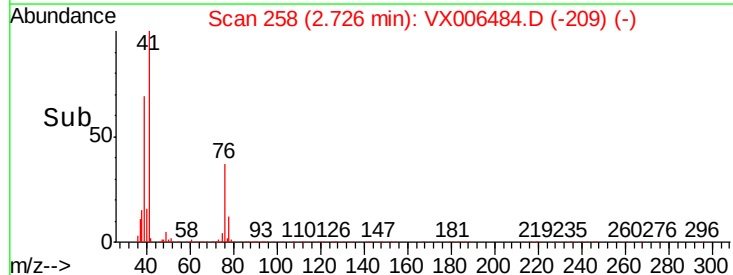
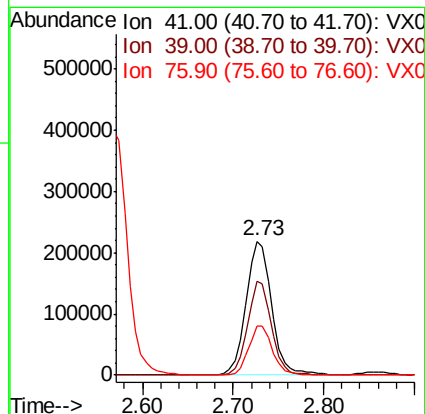
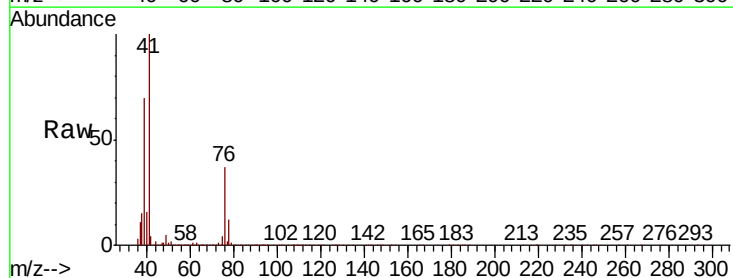
Tgt Ion: 41 Resp: 424325

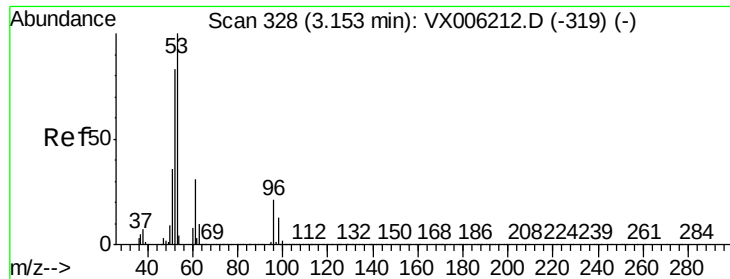
Ion Ratio Lower Upper

41 100

39 65.0 52.4 78.6

76 34.2 25.4 38.0





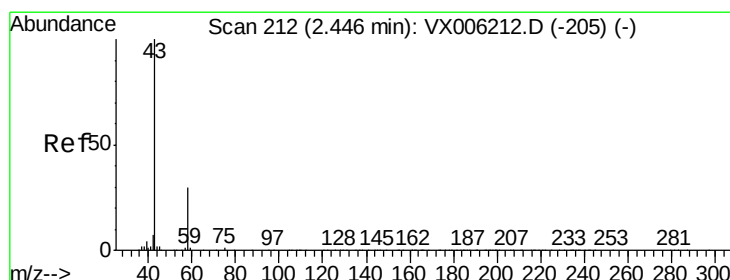
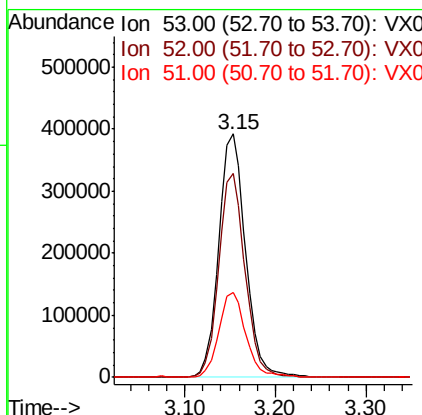
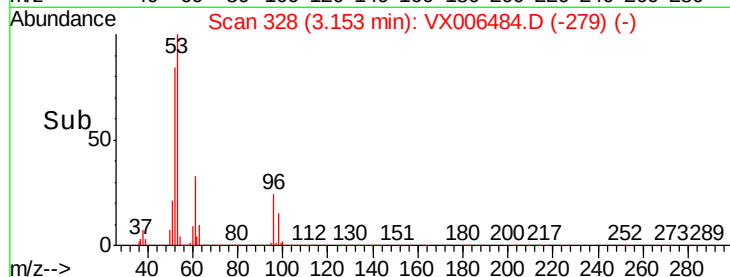
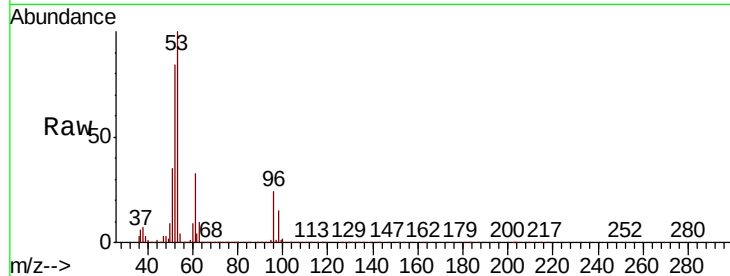
#15
 Acrylonitrile
 Concen: 275.077 ug/l
 RT: 3.15 min Scan# 328
 Delta R.T. -0.00 min
 Lab File: VX006484.D
 Acq: 13 Dec 2018 09:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	53	Resp:	803548
Ion Ratio		Lower	Upper
53	100		
52	82.6	66.2	99.4
51	35.5	28.7	43.1

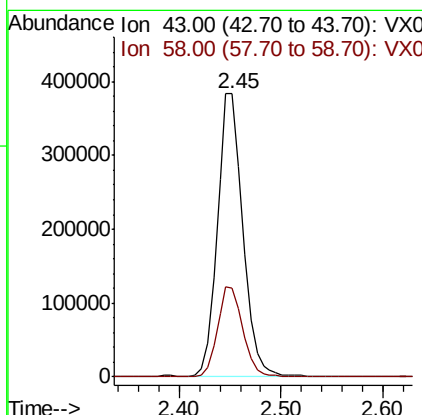
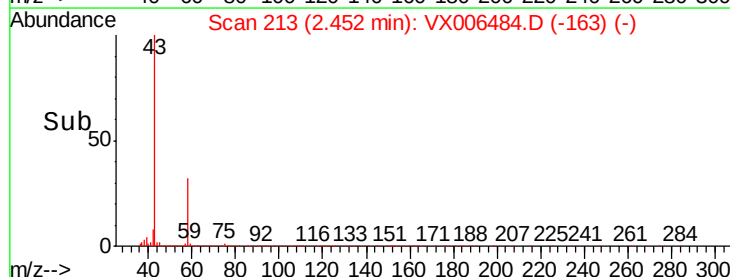
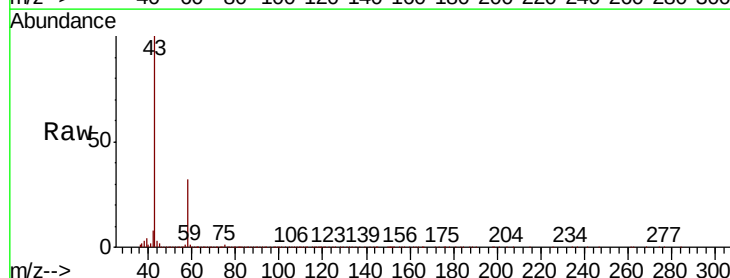
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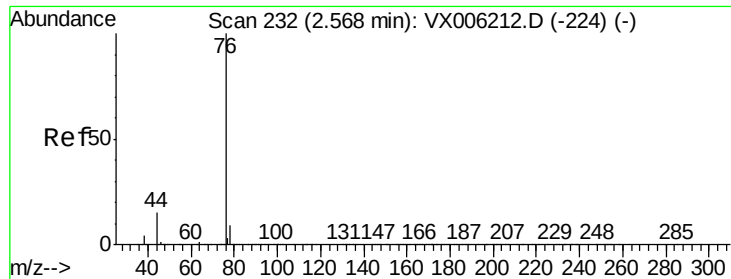
MMDadoda
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#16
 Acetone
 Concen: 275.933 ug/l
 RT: 2.45 min Scan# 213
 Delta R.T. 0.01 min
 Lab File: VX006484.D
 Acq: 13 Dec 2018 09:32

Tgt Ion:	43	Resp:	662846
Ion Ratio		Lower	Upper
43	100		
58	31.6	24.0	36.0





#17

Carbon Disulfide

Concen: 48.591 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.00 min

Lab File: VX006484.D

Acq: 13 Dec 2018 09:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 679363

Ion Ratio Lower Upper

76 100

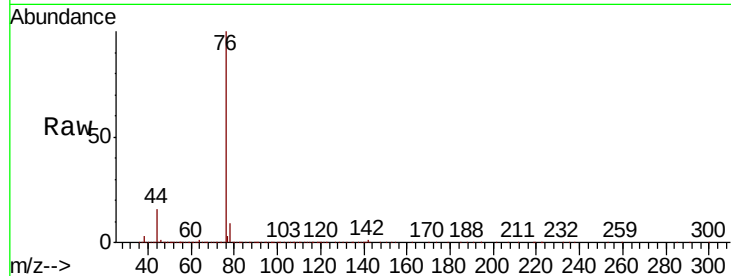
78 9.4 7.1 10.7

Manual Integrations

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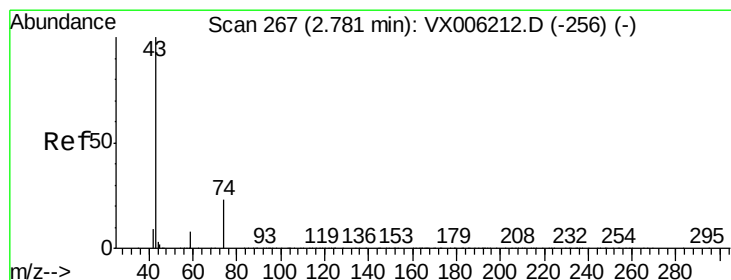
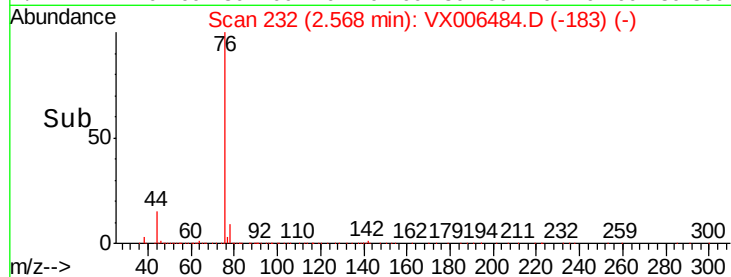
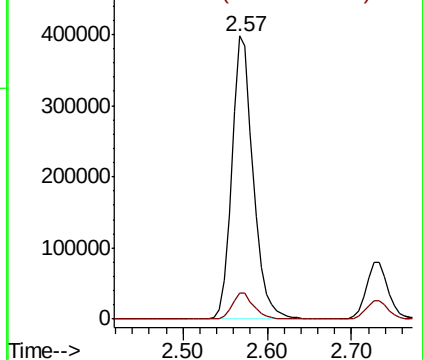
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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 55.076 ug/l

RT: 2.78 min Scan# 267

Delta R.T. -0.00 min

Lab File: VX006484.D

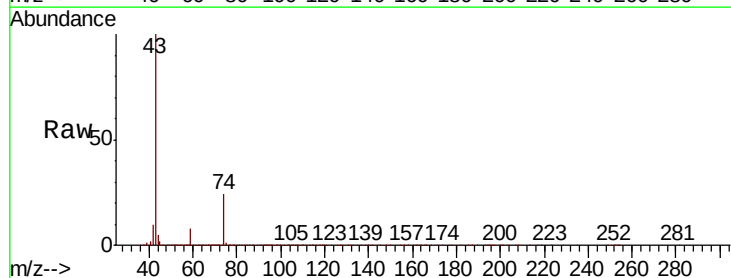
Acq: 13 Dec 2018 09:32

Tgt Ion: 43 Resp: 442451

Ion Ratio Lower Upper

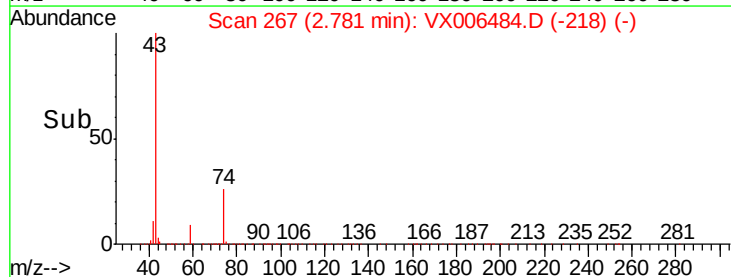
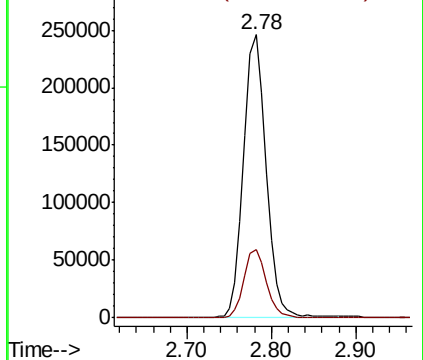
43 100

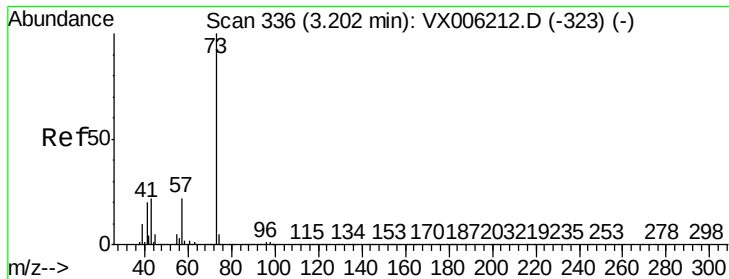
74 23.6 17.9 26.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





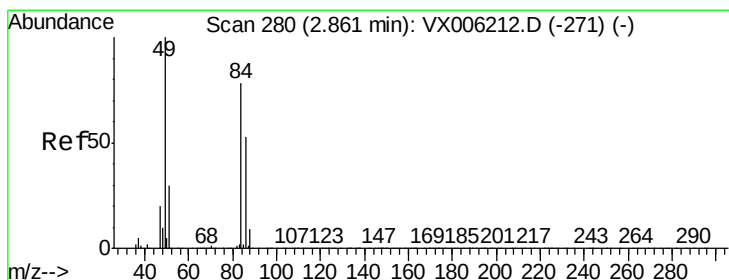
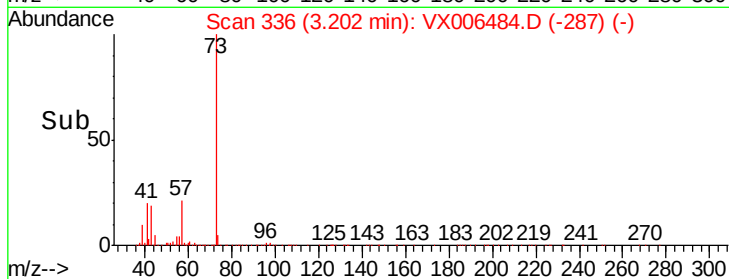
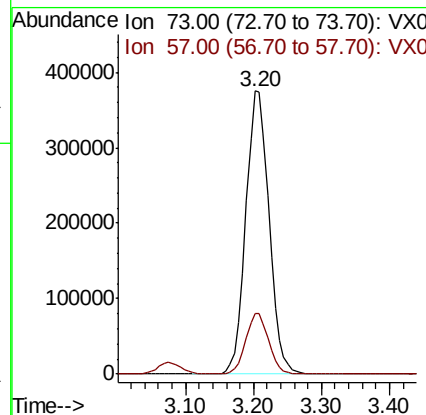
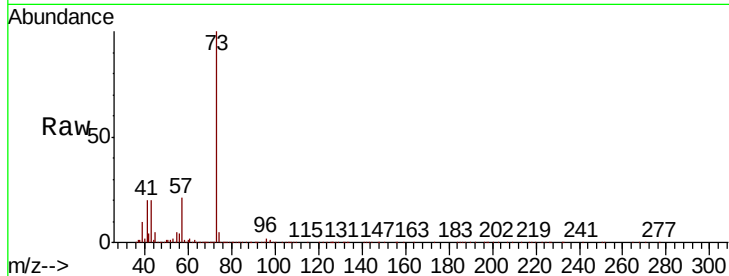
#19
Methyl tert-butyl Ether
Concen: 55.068 ug/l
RT: 3.20 min Scan# 336
Delta R.T. -0.00 min
Lab File: VX006484.D
Acq: 13 Dec 2018 09:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.3	17.5	26.3

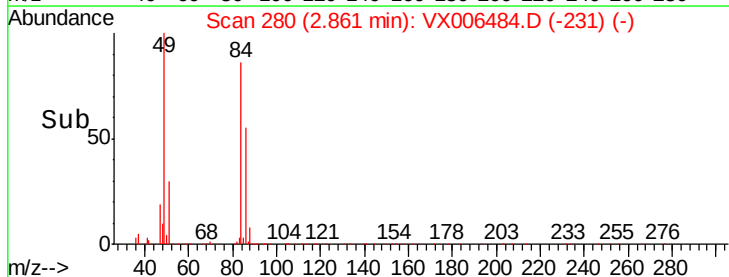
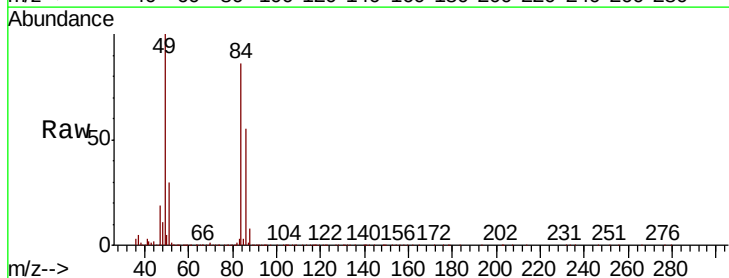
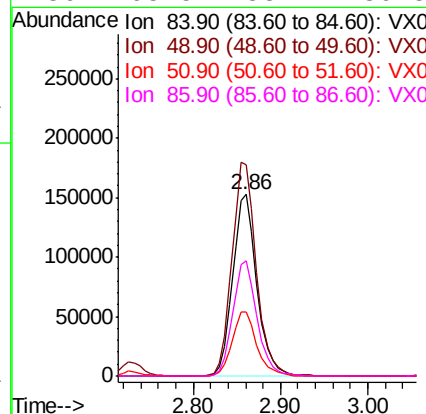
Manual Integrations
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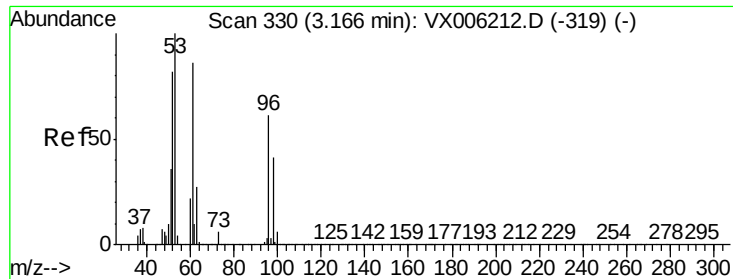
MMDadoda
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#20
Methylene Chloride
Concen: 56.943 ug/l
RT: 2.86 min Scan# 280
Delta R.T. -0.00 min
Lab File: VX006484.D
Acq: 13 Dec 2018 09:32

Tgt Ion	Ratio	Lower	Upper
84	100		
49	116.4	102.2	153.4
51	35.1	31.1	46.7
86	63.5	53.7	80.5





#21

trans-1,2-Dichloroethene

Concen: 57.660 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX006484.D

Acq: 13 Dec 2018 09:32

Instrument :

MSVOA_X

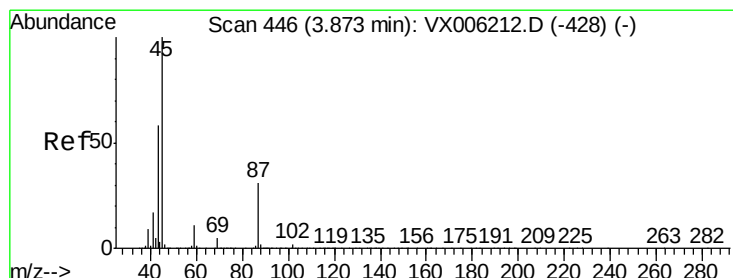
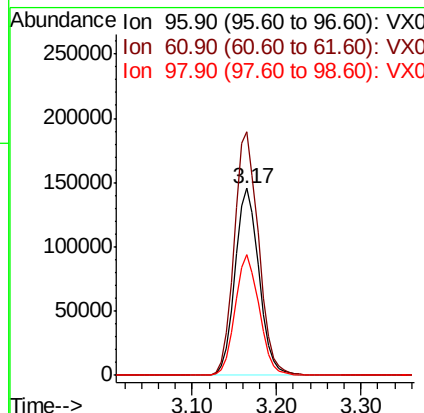
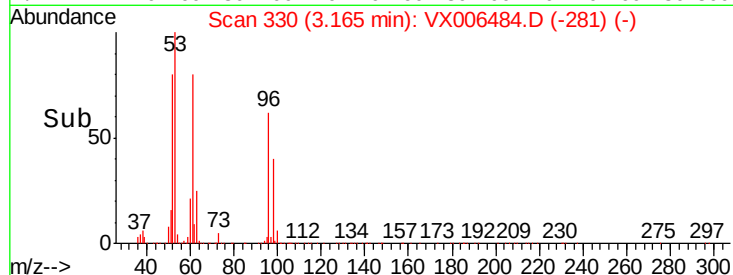
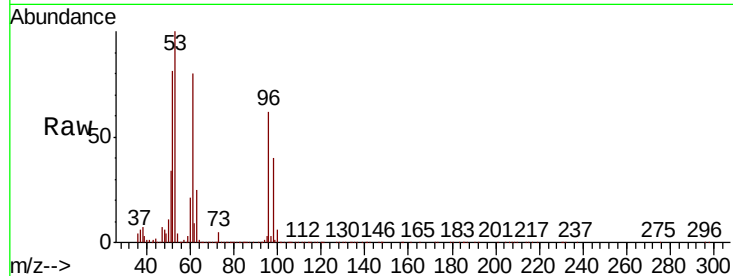
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	278794
Ion	Ratio	Lower	Upper
96	100		
61	129.9	113.3	169.9
98	64.5	53.2	79.8

Manual Integrations
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#22

Diisopropyl ether

Concen: 57.045 ug/l

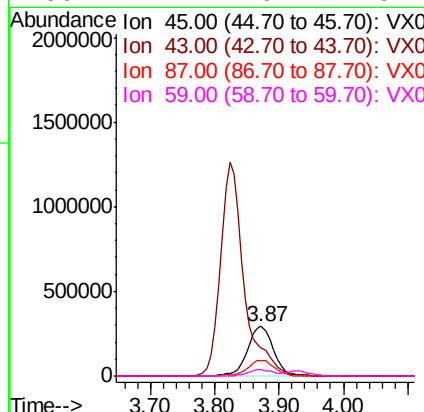
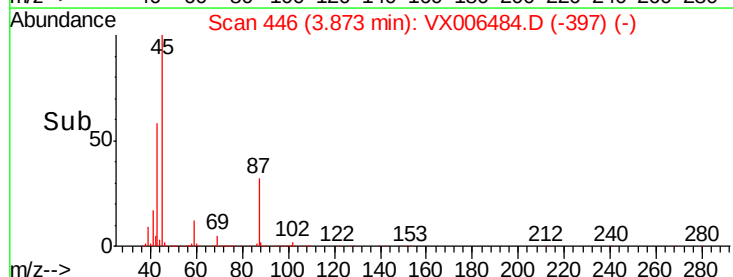
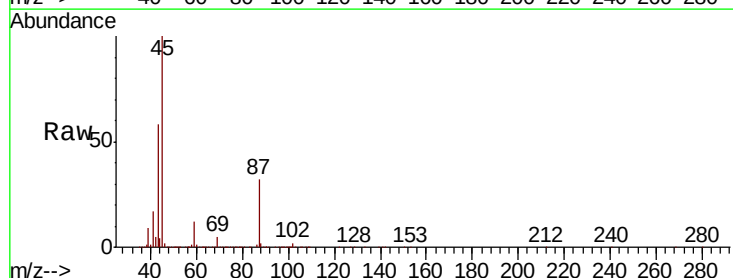
RT: 3.87 min Scan# 446

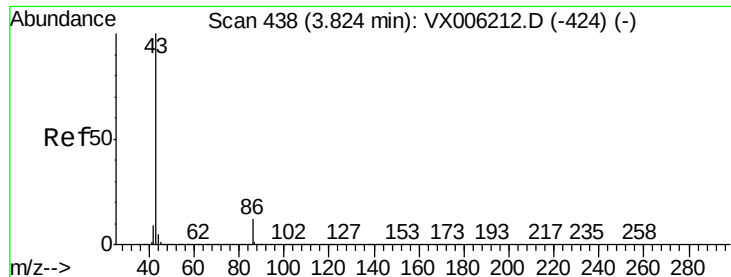
Delta R.T. -0.00 min

Lab File: VX006484.D

Acq: 13 Dec 2018 09:32

Tgt Ion:	45	Resp:	798597
Ion	Ratio	Lower	Upper
45	100		
43	57.7	46.2	69.2
87	32.0	24.9	37.3
59	12.1	9.1	13.7





#23

Vinyl Acetate

Concen: 273.787 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.00 min

Lab File: VX006484.D

Acq: 13 Dec 2018 09:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 3269133

Ion Ratio Lower Upper

43 100

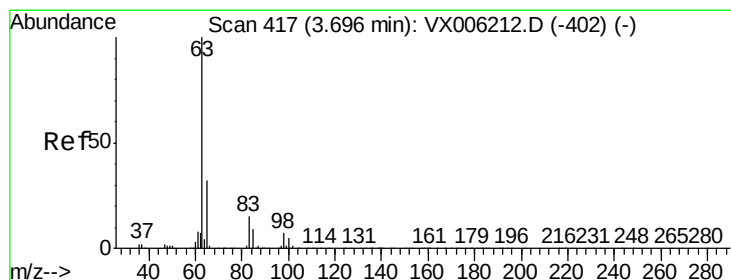
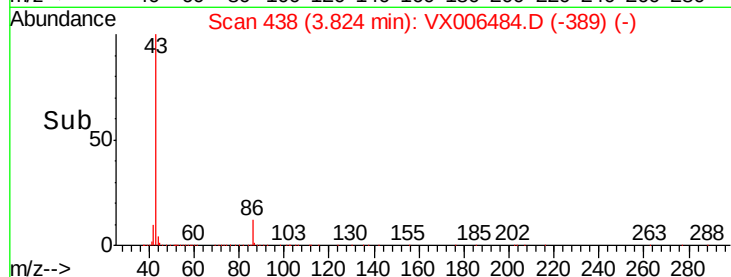
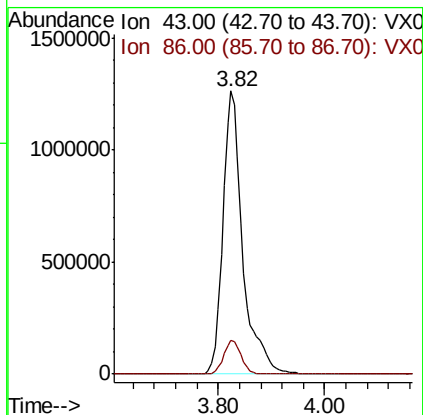
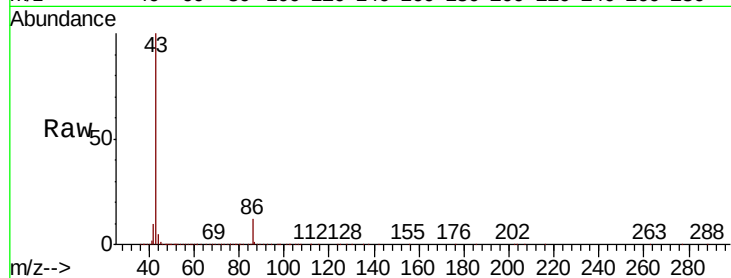
86 11.9 9.4 14.0

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 58.893 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX006484.D

Acq: 13 Dec 2018 09:32

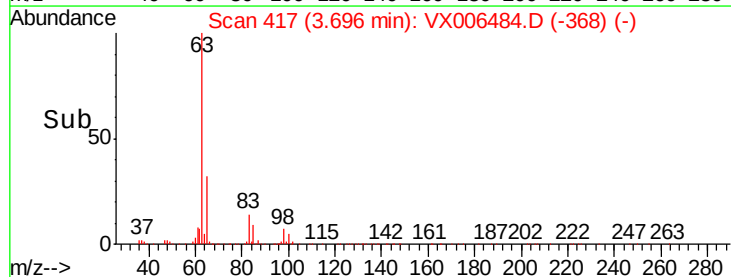
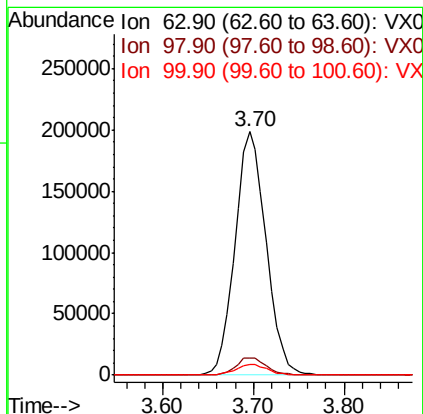
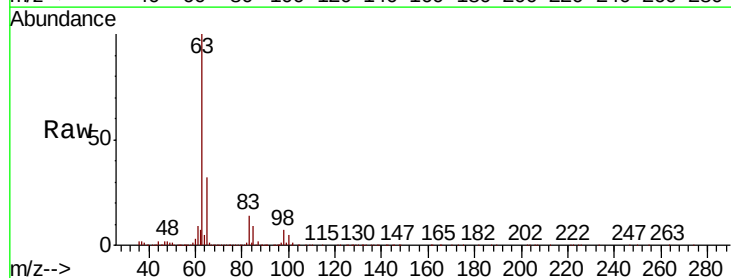
Tgt Ion: 63 Resp: 471249

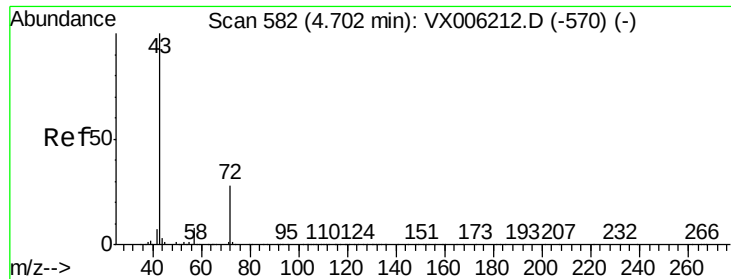
Ion Ratio Lower Upper

63 100

98 7.0 3.8 11.4

100 4.6 2.5 7.4





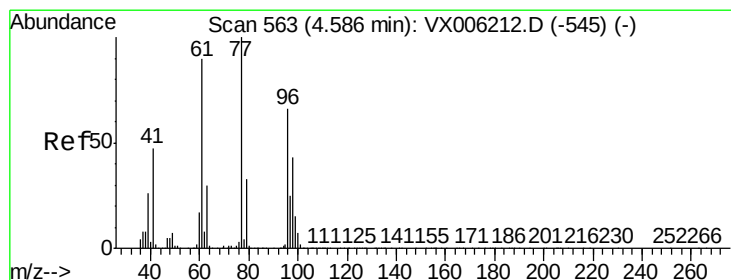
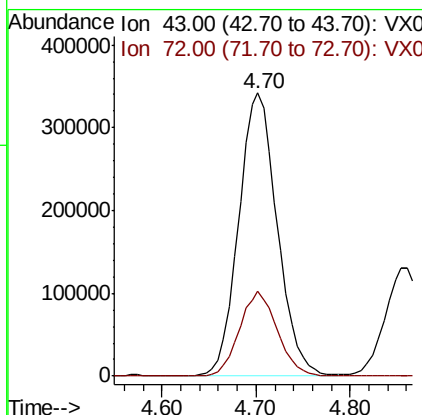
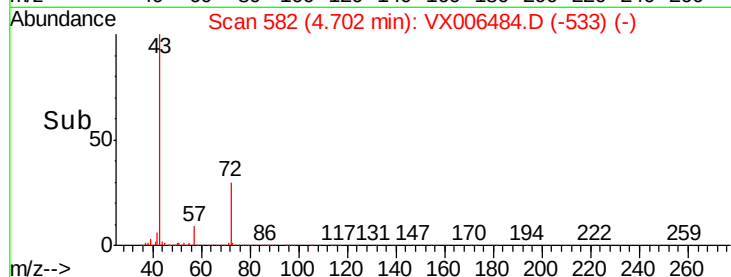
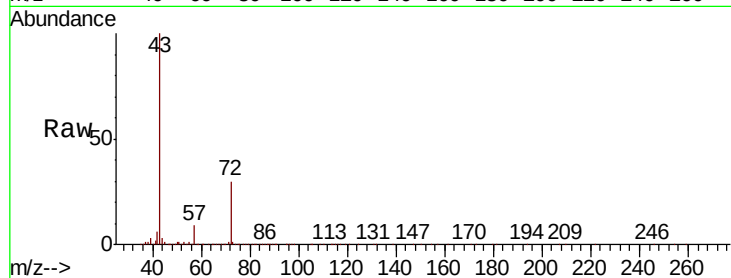
#25
2-Butanone
Concen: 284.048 ug/l
RT: 4.70 min Scan# 582
Delta R.T. -0.00 min
Lab File: VX006484.D
Acq: 13 Dec 2018 09:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
72	29.9	22.6	33.8

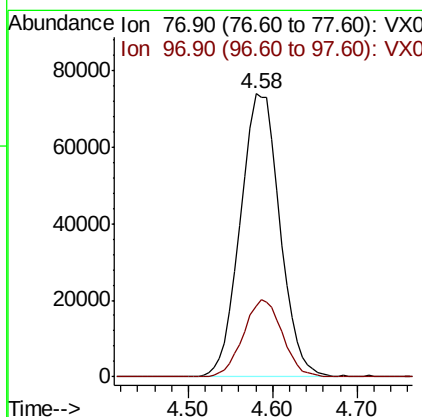
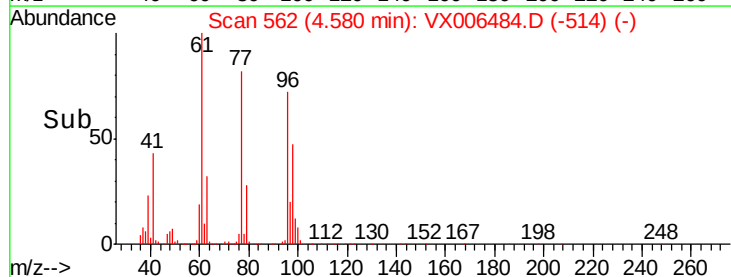
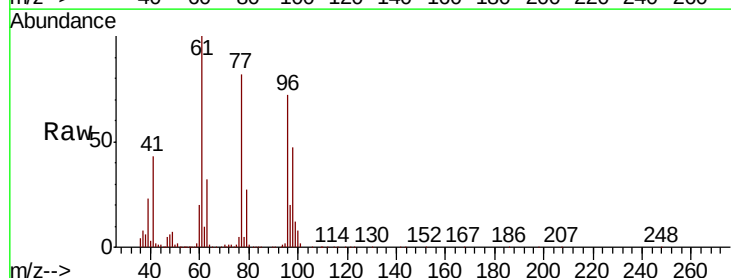
Manual Integrations
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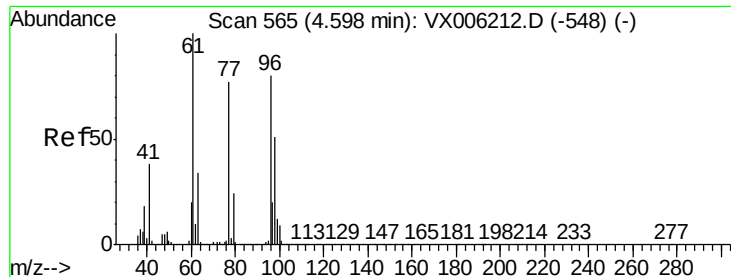
MMDadoda
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#26
2,2-Dichloropropane
Concen: 31.881 ug/l
RT: 4.58 min Scan# 562
Delta R.T. -0.01 min
Lab File: VX006484.D
Acq: 13 Dec 2018 09:32

Tgt Ion	Ratio	Lower	Upper
77	100		
97	26.9	12.3	36.8





#27

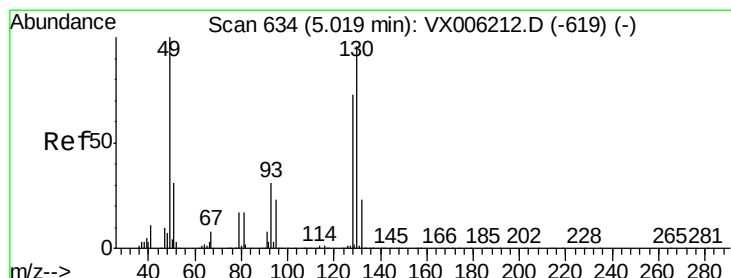
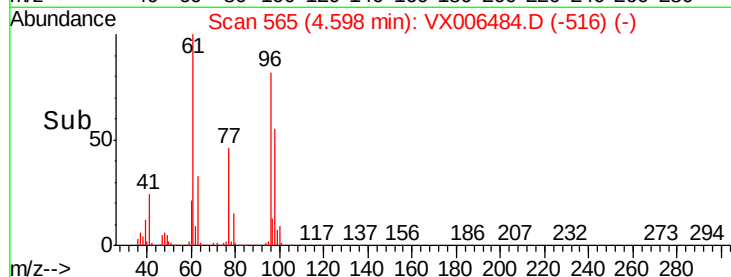
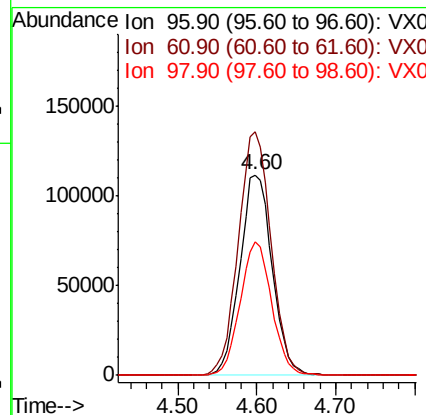
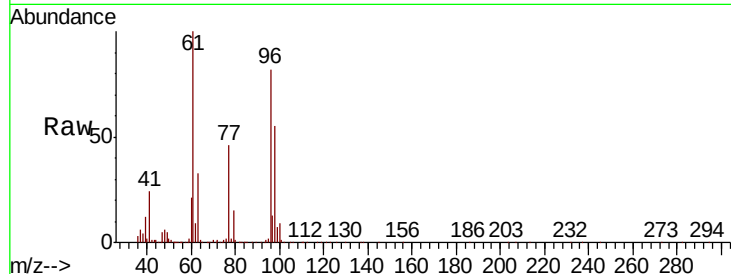
cis-1,2-Dichloroethene
Concen: 59.043 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX006484.D
Acq: 13 Dec 2018 09:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	123.0	0.0	265.0
98	65.1	0.0	130.2

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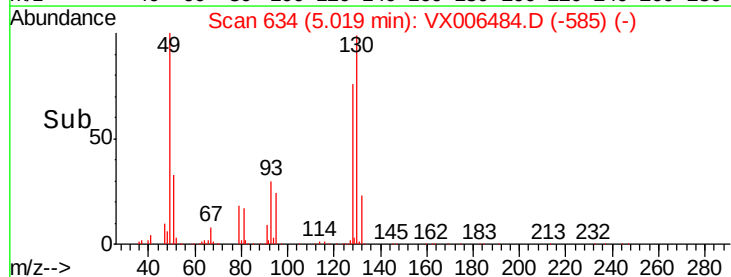
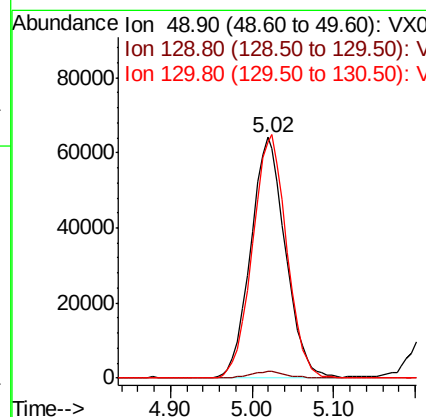
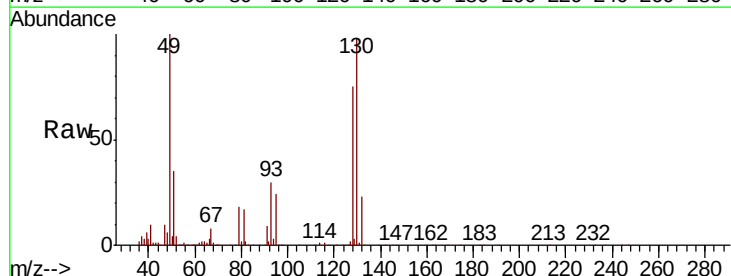
MMDadoda
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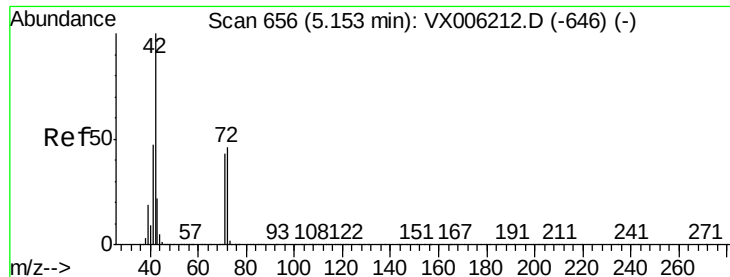


#28

Bromochloromethane
Concen: 54.555 ug/l
RT: 5.02 min Scan# 634
Delta R.T. -0.00 min
Lab File: VX006484.D
Acq: 13 Dec 2018 09:32

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.8	0.0	5.0
130	99.5	78.3	117.5





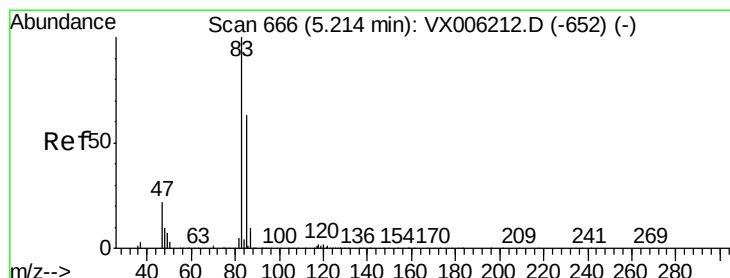
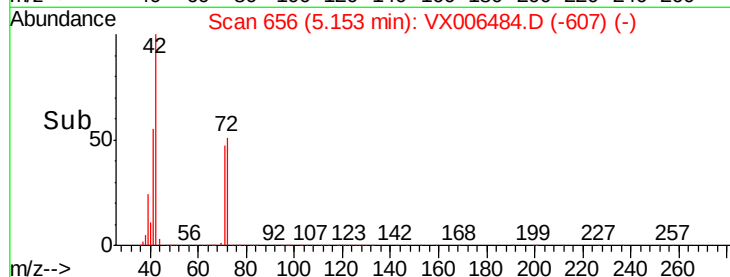
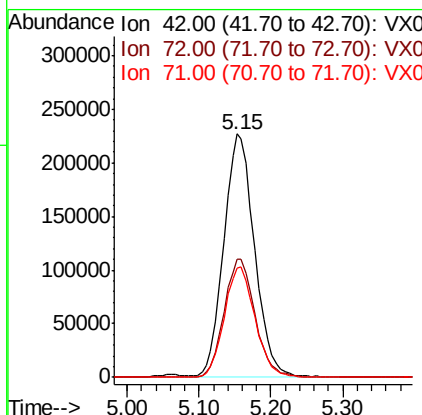
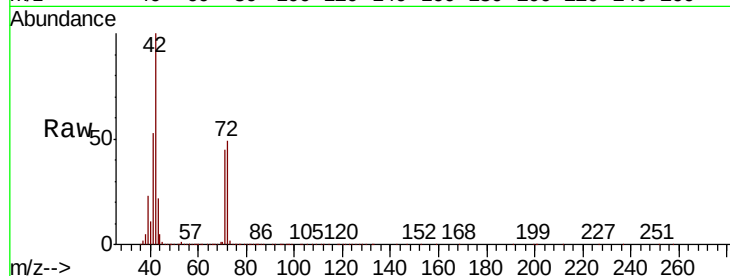
#29
Tetrahydrofuran
Concen: 280.959 ug/l
RT: 5.15 min Scan# 656
Delta R.T. -0.00 min
Lab File: VX006484.D
Acq: 13 Dec 2018 09:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	49.0	37.8	56.8
71	45.6	35.2	52.8

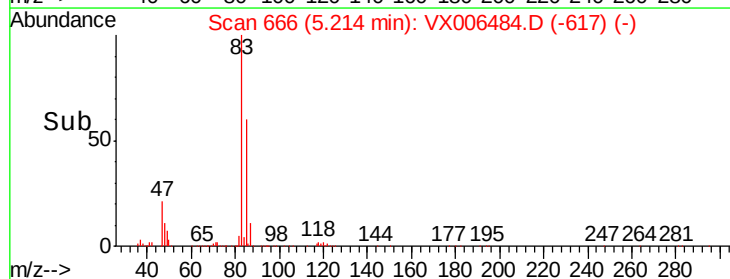
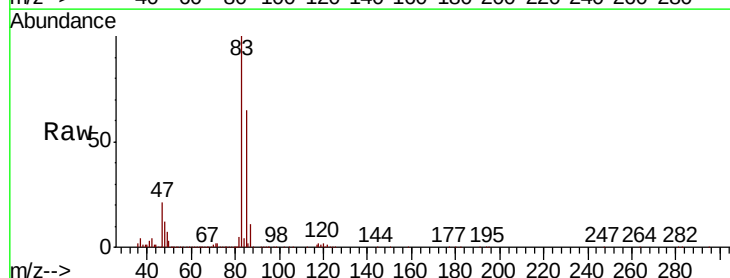
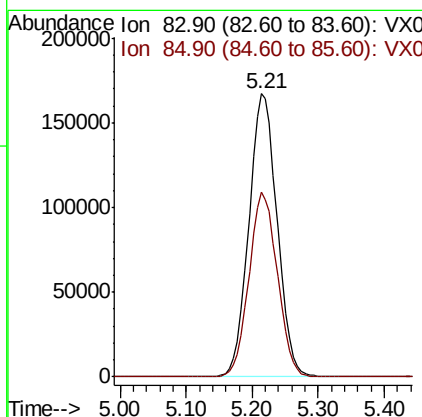
Manual Integrations
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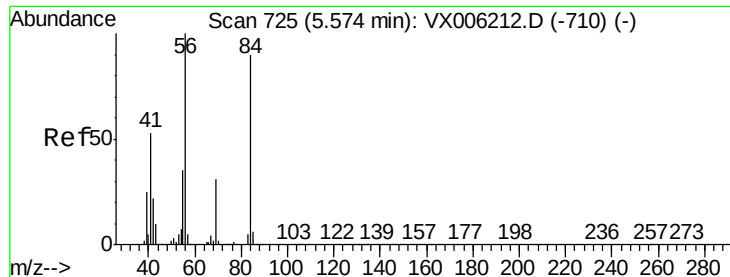
MMDadoda
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#30
Chloroform
Concen: 59.126 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX006484.D
Acq: 13 Dec 2018 09:32

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.2	50.3	75.5





#31

Cyclohexane

Concen: 57.680 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.00 min

Lab File: VX006484.D

Acq: 13 Dec 2018 09:32

Instrument :

MSVOA_X

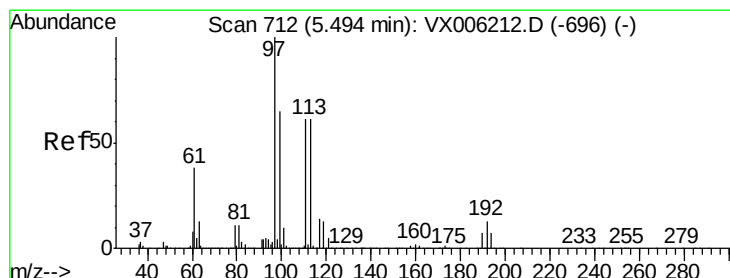
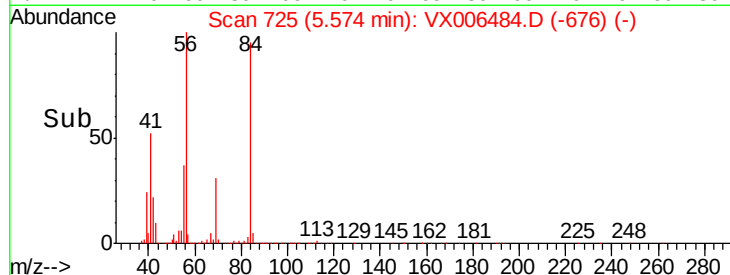
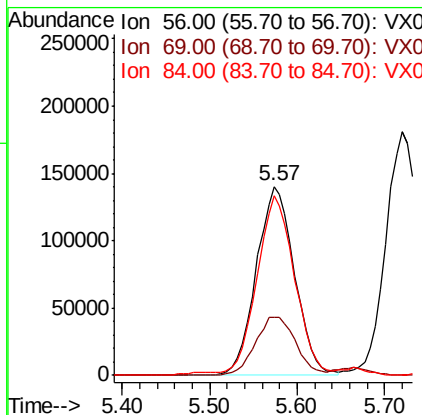
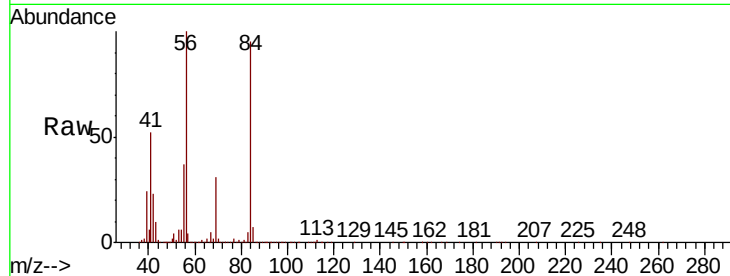
ClientSampleId :

VSTDCCC050EC

Tot Ion:	56	Resp:	426537
Ion	Ratio	Lower	Upper
56	100		
69	30.7	24.5	36.7
84	93.8	71.8	107.6

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 55.269 ug/l

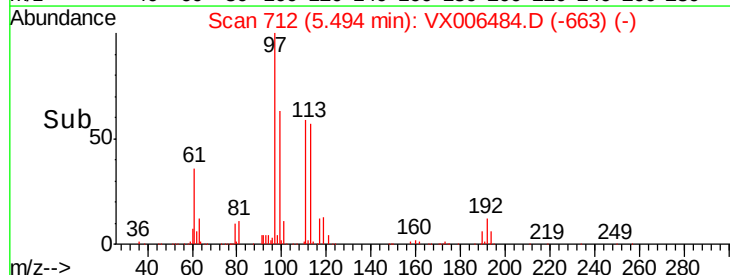
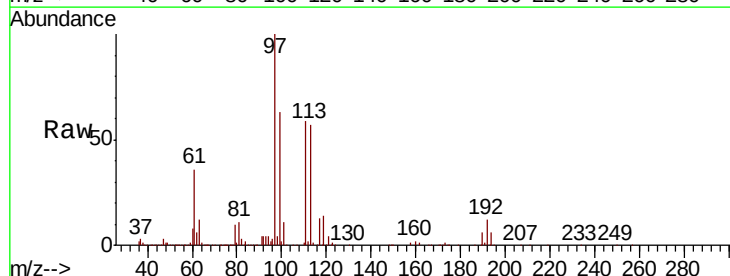
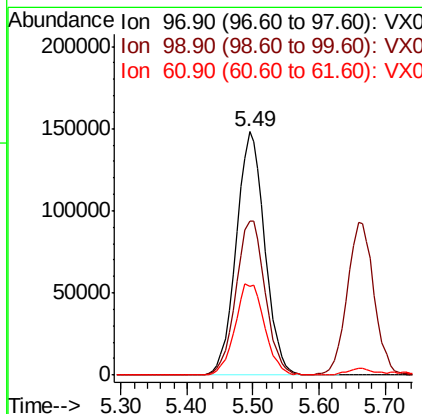
RT: 5.49 min Scan# 712

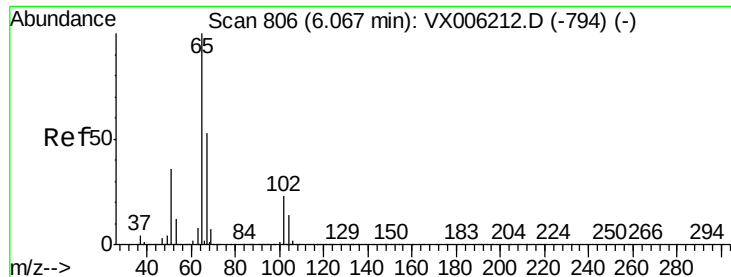
Delta R.T. -0.00 min

Lab File: VX006484.D

Acq: 13 Dec 2018 09:32

Tgt Ion:	97	Resp:	442194
Ion	Ratio	Lower	Upper
97	100		
99	65.1	51.6	77.4
61	39.3	30.6	46.0





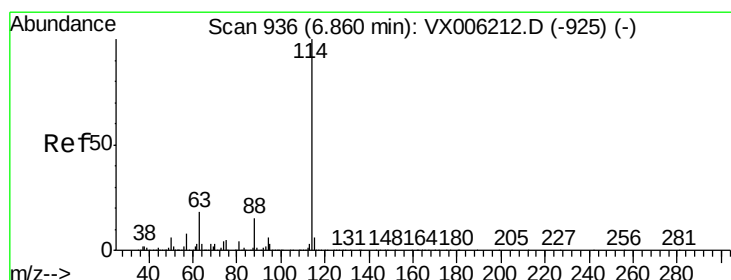
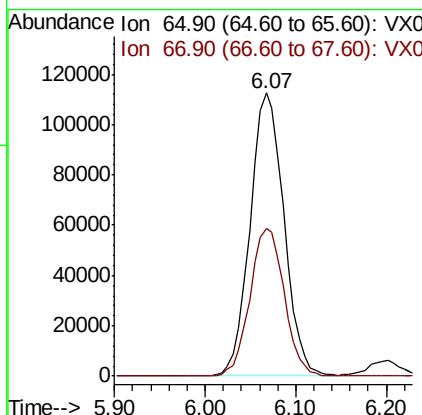
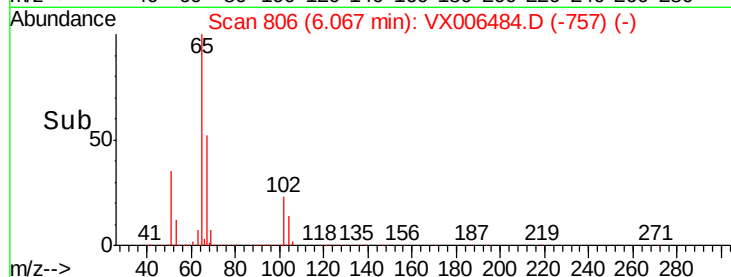
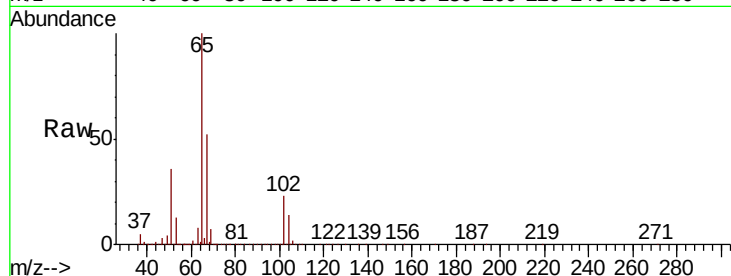
#33
 1,2-Dichloroethane-d4
 Concen: 56.915 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX006484.D
 Acq: 13 Dec 2018 09:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
65	100		
67	52.8	0.0	107.2

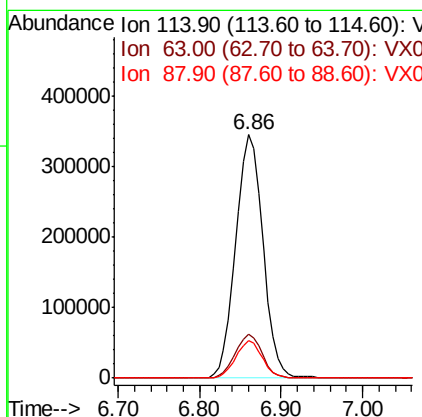
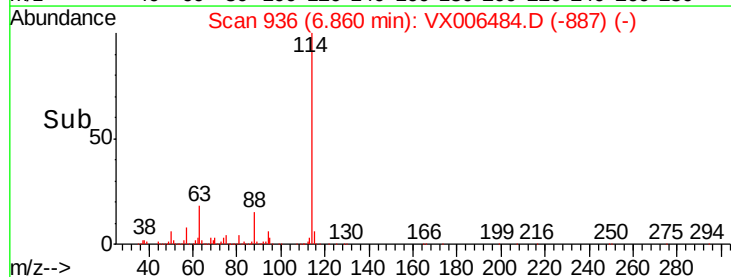
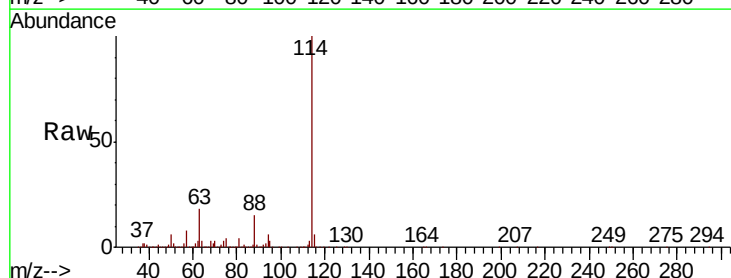
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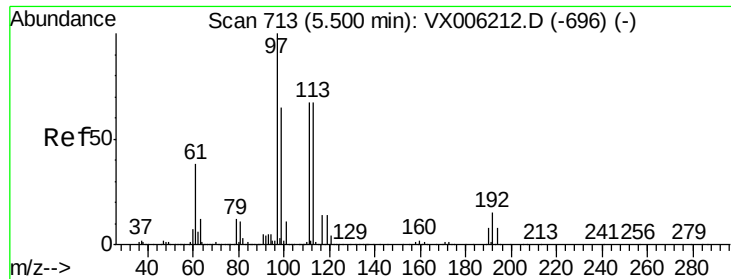
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX006484.D
 Acq: 13 Dec 2018 09:32

Tgt Ion	Ratio	Lower	Upper
114	100		
63	18.3	0.0	36.6
88	15.2	0.0	29.0





#35

Dibromofluoromethane

Concen: 52.377 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX006484.D

Acq: 13 Dec 2018 09:32

Instrument :

MSVOA_X

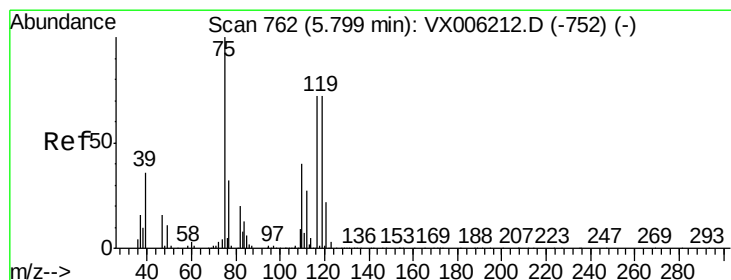
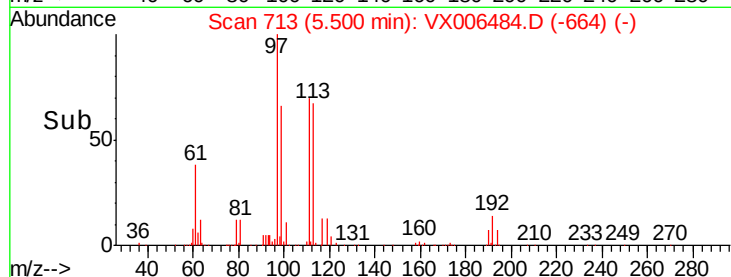
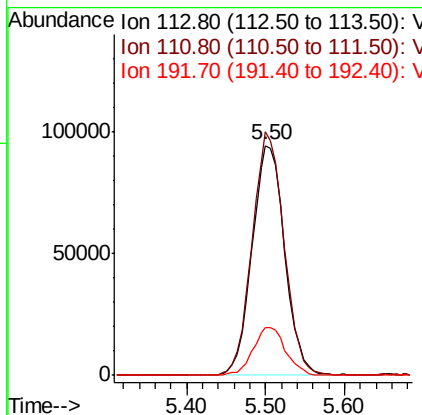
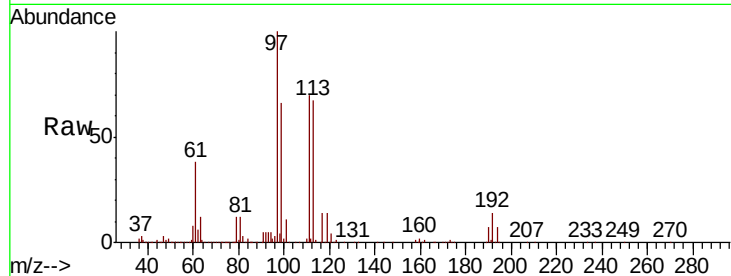
ClientSampleId :

VSTDCCC050EC

Tot Ion:	113	Resp:	270301
Ion Ratio	Lower	Upper	
113	100		
111	103.9	81.1	121.7
192	21.0	18.2	27.2

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#36

1,1-Dichloropropene

Concen: 54.145 ug/l

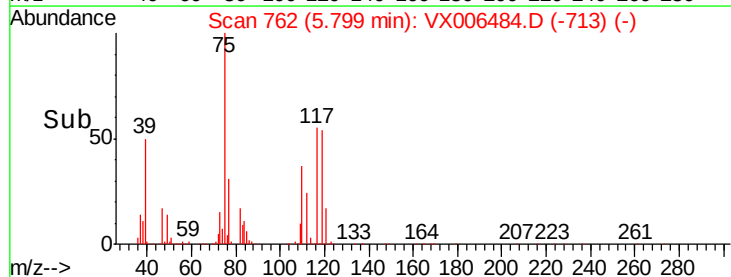
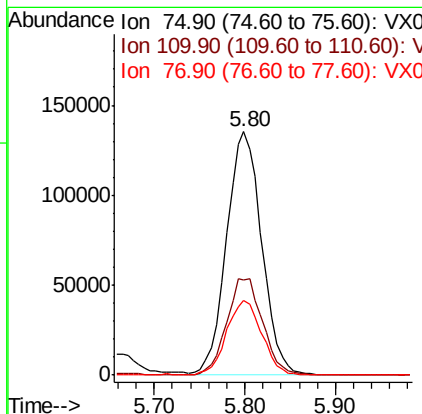
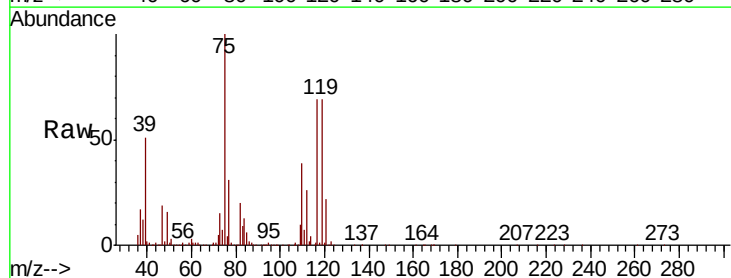
RT: 5.80 min Scan# 762

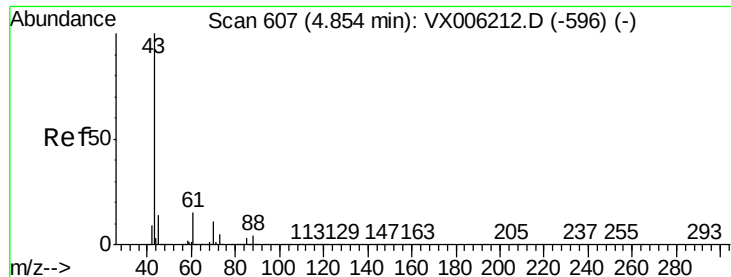
Delta R.T. -0.00 min

Lab File: VX006484.D

Acq: 13 Dec 2018 09:32

Tgt Ion:	75	Resp:	363431
Ion Ratio	Lower	Upper	
75	100		
110	40.7	20.4	61.3
77	30.8	24.9	37.3





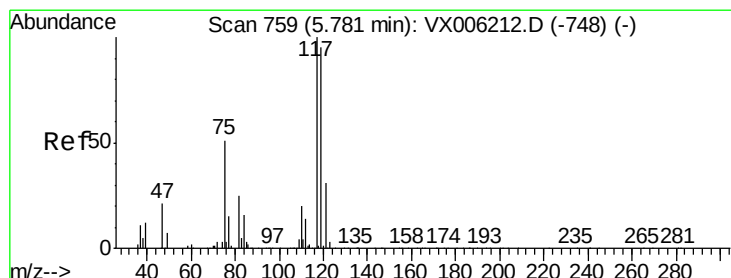
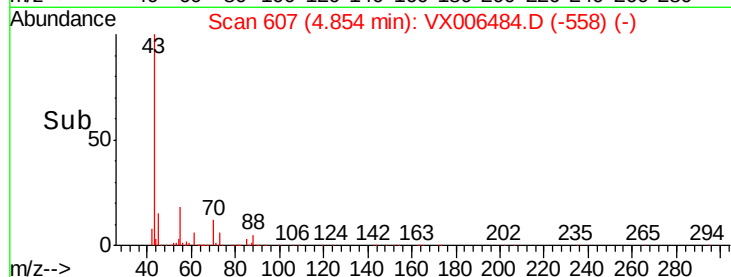
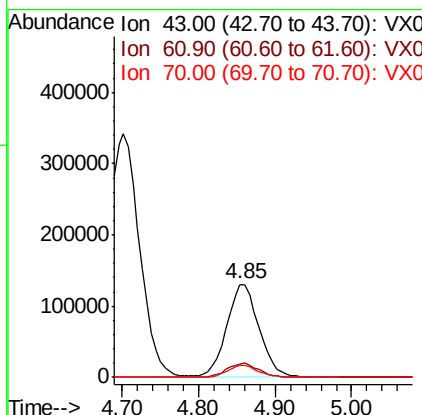
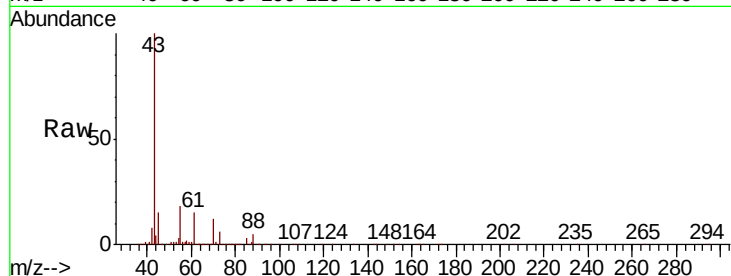
#37
Ethyl Acetate
Concen: 50.561 ug/l
RT: 4.85 min Scan# 607
Delta R.T. -0.00 min
Lab File: VX006484.D
Acq: 13 Dec 2018 09:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	43	Resp	380058
Ion Ratio	Lower	Upper	
43	100		
61	14.6	11.5	17.3
70	12.5	9.0	13.6

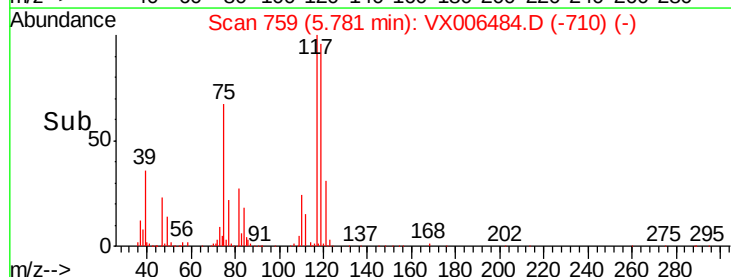
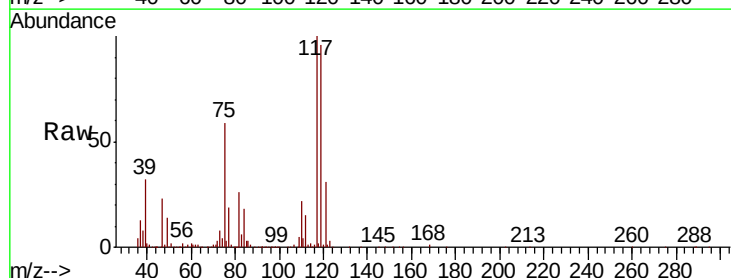
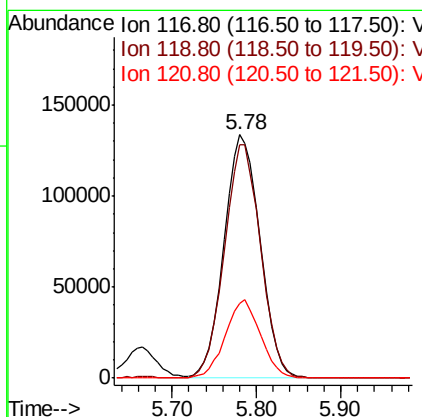
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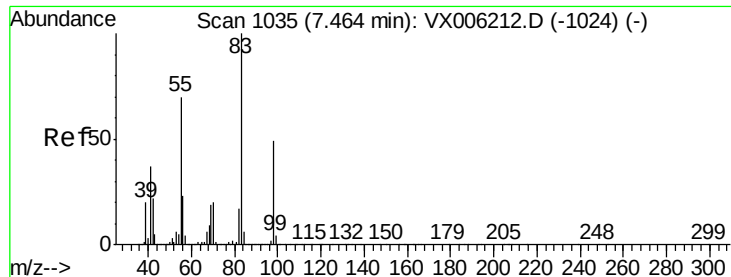
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#38
Carbon Tetrachloride
Concen: 49.220 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.00 min
Lab File: VX006484.D
Acq: 13 Dec 2018 09:32

Tgt Ion	117	Resp	388653
Ion Ratio	Lower	Upper	
117	100		
119	95.9	75.8	113.8
121	30.6	24.6	37.0





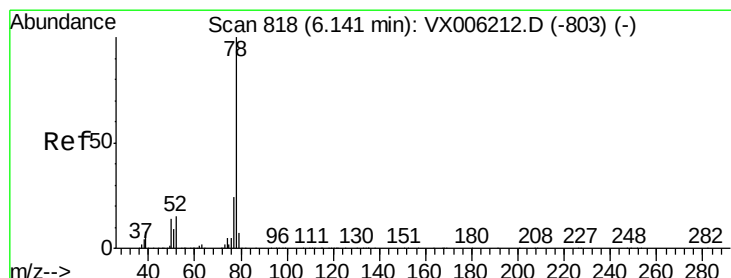
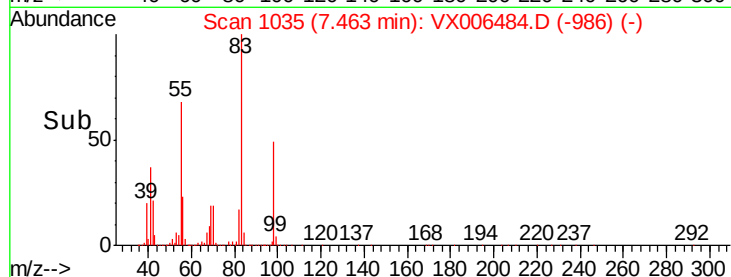
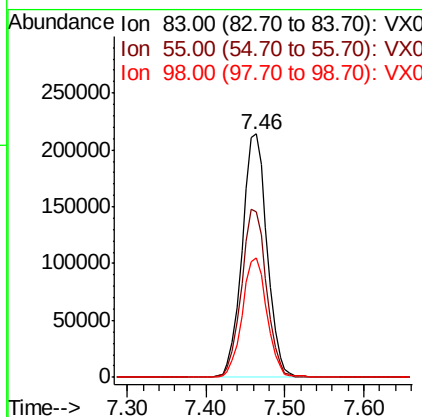
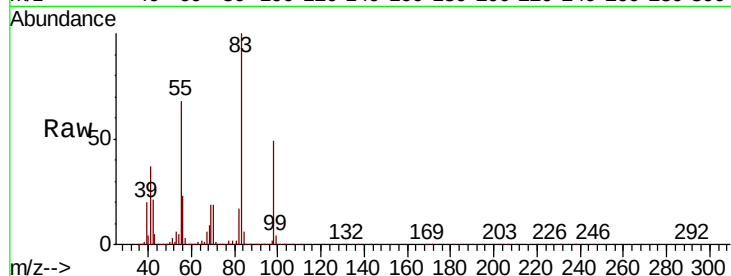
#39
Methylvlcyclohexane
Concen: 54.015 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX006484.D
Acq: 13 Dec 2018 09:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	68.2	56.4	84.6
98	49.3	39.0	58.6

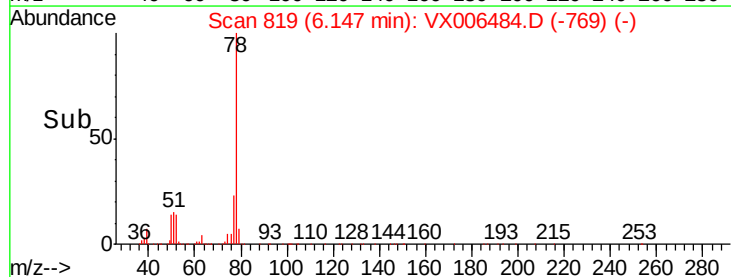
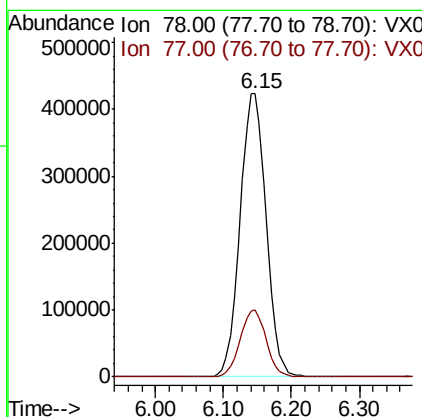
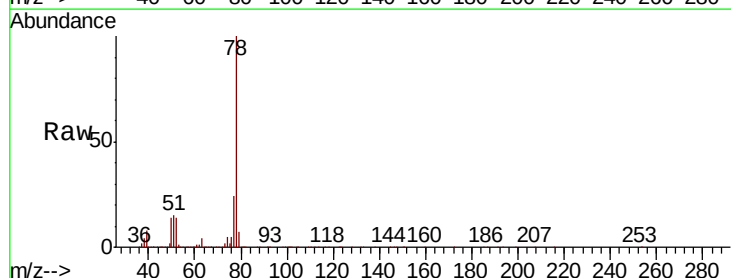
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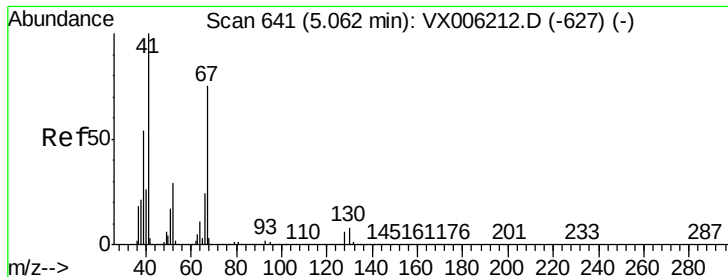
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#40
Benzene
Concen: 56.048 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX006484.D
Acq: 13 Dec 2018 09:32

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.6	19.2	28.8





#41

Methacrylonitrile

Concen: 50.986 ug/l

RT: 5.06 min Scan# 641

Delta R.T. -0.00 min

Lab File: VX006484.D

Acq: 13 Dec 2018 09:32

Instrument :

MSVOA_X

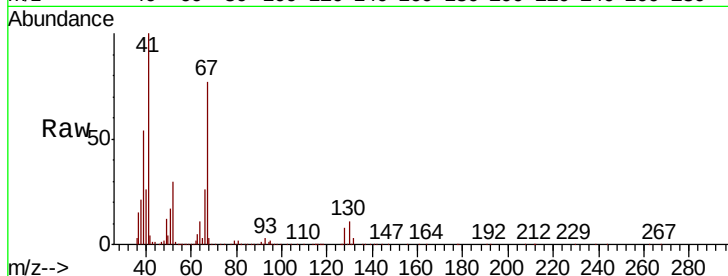
ClientSampleId :

VSTDCCC050EC

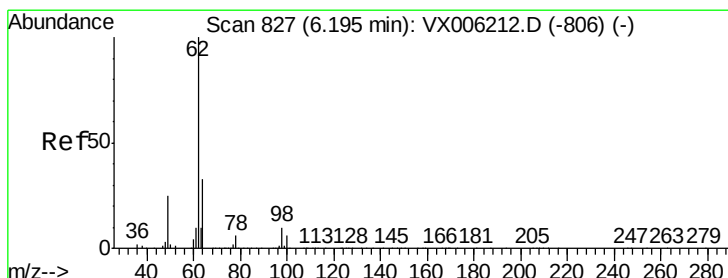
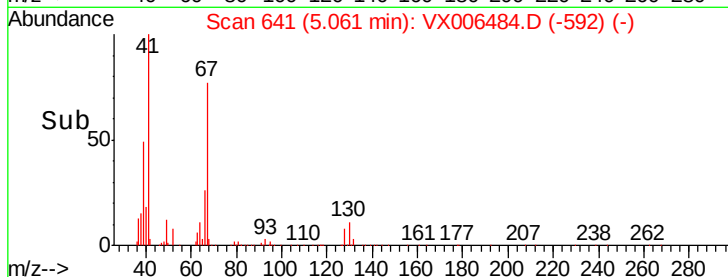
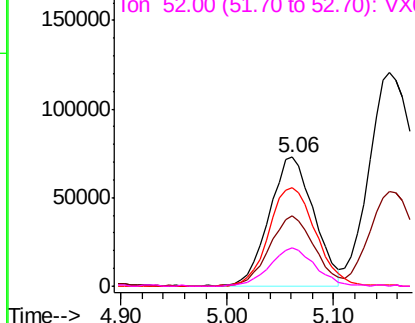
Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	55.8	44.0	66.0	
67	80.9	61.4	92.0	
52	30.0	23.5	35.3	

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



#42

1,2-Dichloroethane

Concen: 56.468 ug/l

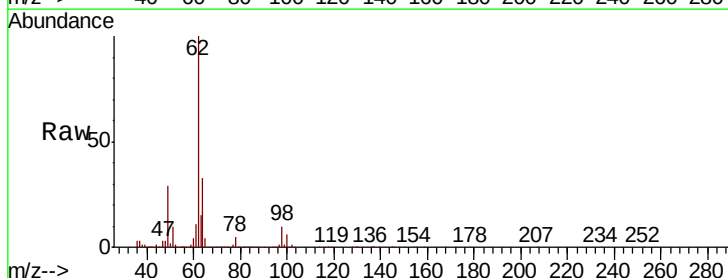
RT: 6.20 min Scan# 827

Delta R.T. -0.00 min

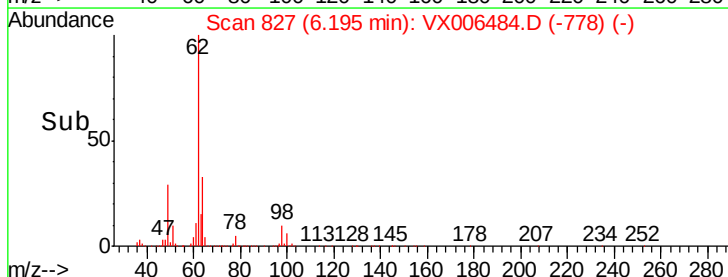
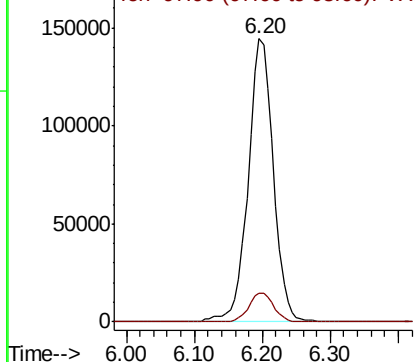
Lab File: VX006484.D

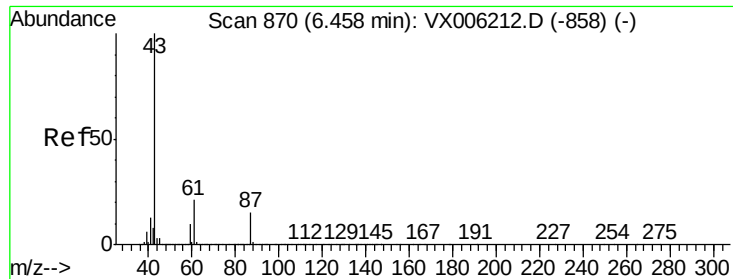
Acq: 13 Dec 2018 09:32

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.1	0.0	20.2	



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





#43

Isopropyl Acetate

Concen: 49.712 ug/l

RT: 6.46 min Scan# 871

Delta R.T. 0.01 min

Lab File: VX006484.D

Acq: 13 Dec 2018 09:32

Instrument :

MSVOA_X

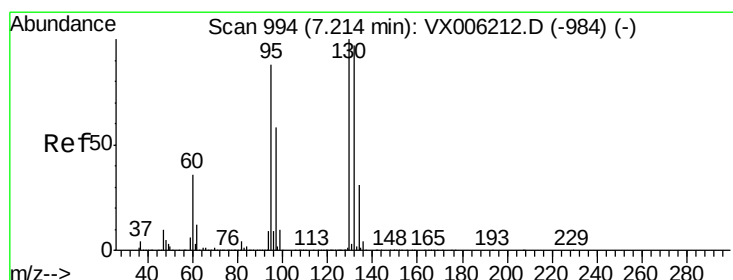
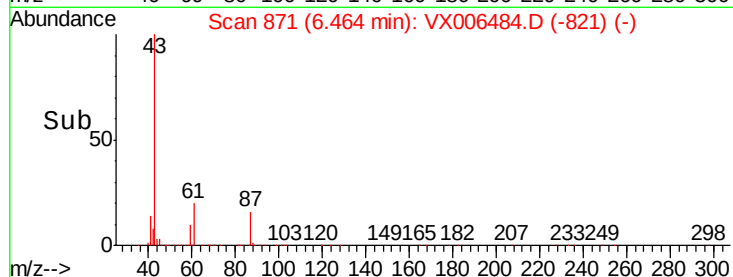
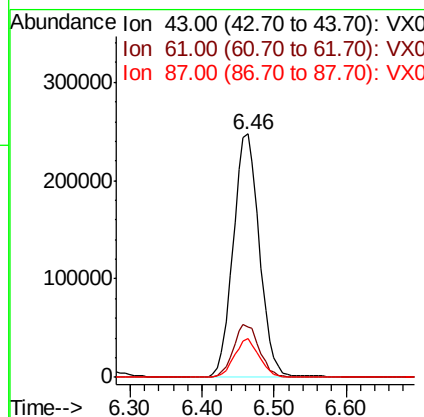
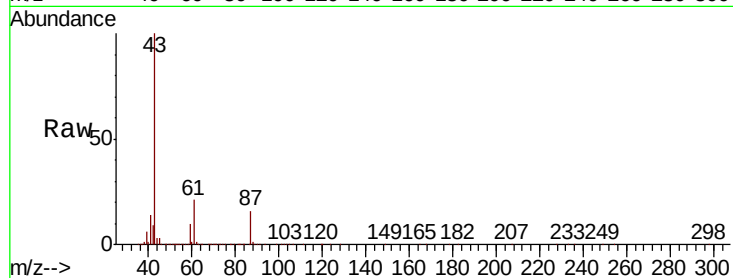
ClientSampleId :

VSTDCCC050EC

Tot Ion:	43	Resp:	623019
Ion	Ratio	Lower	Upper
43	100		
61	21.7	16.8	25.2
87	15.2	11.9	17.9

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#44

Trichloroethene

Concen: 53.823 ug/l

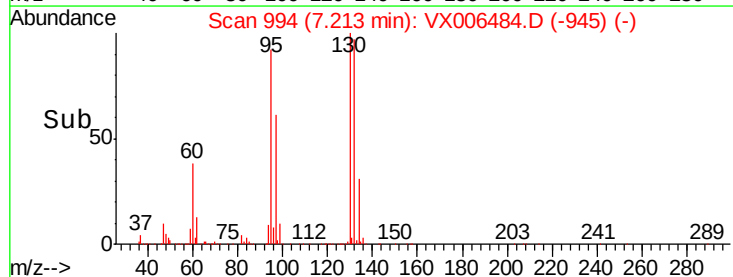
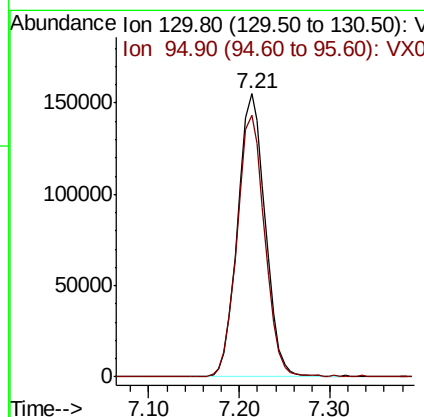
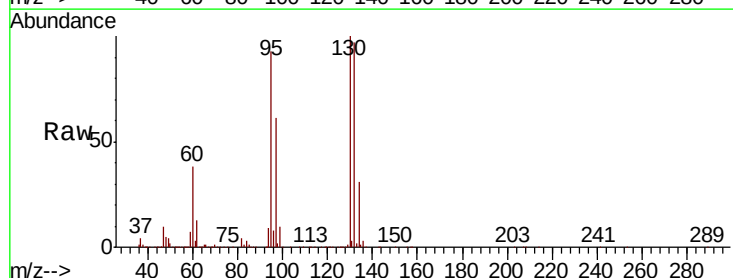
RT: 7.21 min Scan# 994

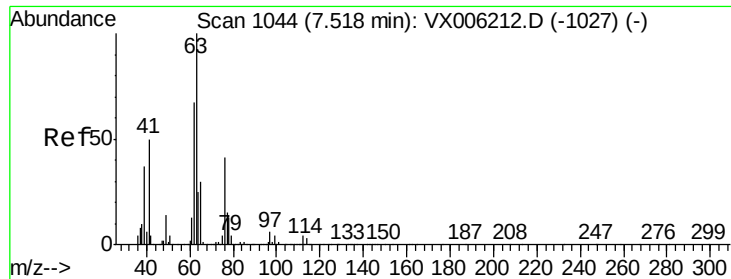
Delta R.T. -0.00 min

Lab File: VX006484.D

Acq: 13 Dec 2018 09:32

Tgt Ion:	130	Resp:	327795
Ion	Ratio	Lower	Upper
130	100		
95	92.5	0.0	175.8





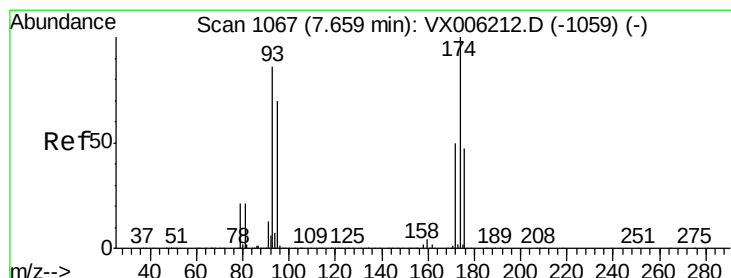
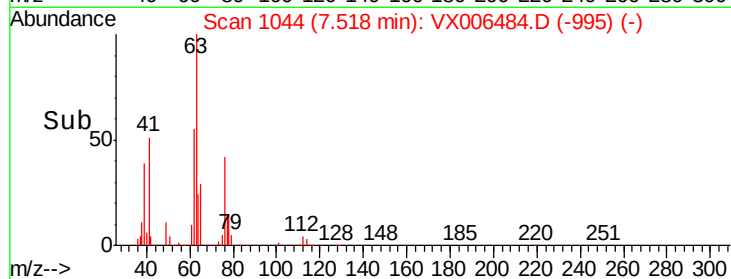
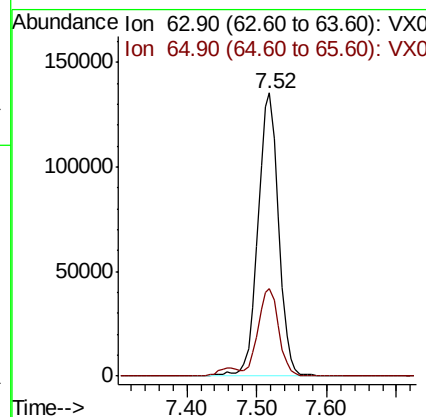
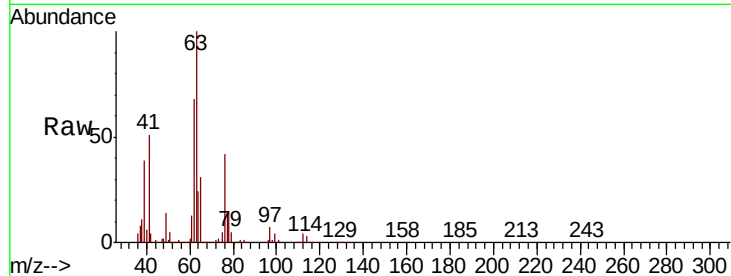
#45
 1,2-Dichloropropane
 Concen: 53.959 ug/l
 RT: 7.52 min Scan# 1044
 Delta R.T. -0.00 min
 Lab File: VX006484.D
 Acq: 13 Dec 2018 09:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.6	24.3	36.5

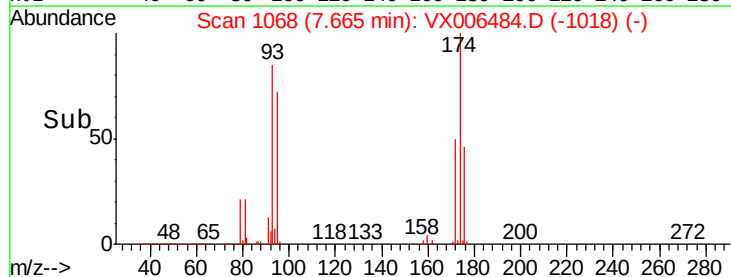
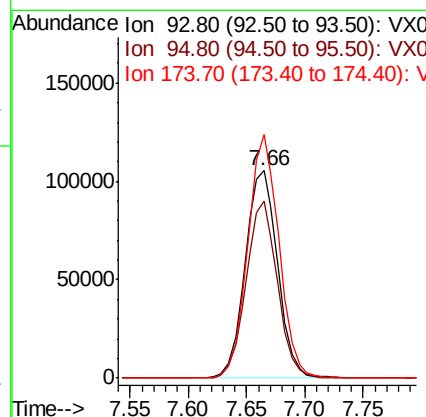
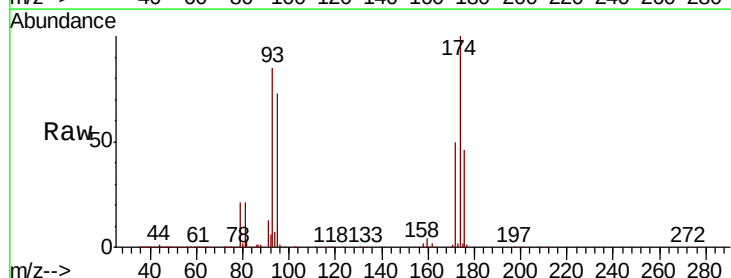
Manual Integrations
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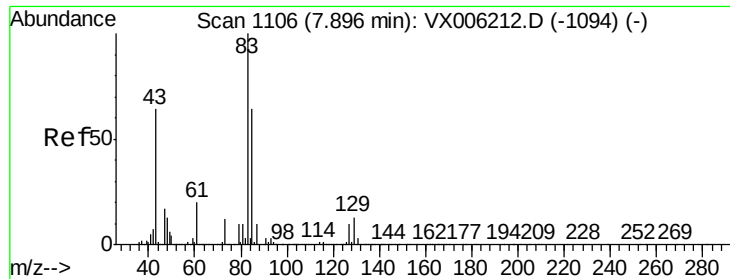
MMDadoda
 12/13/2018 1:02:05 PM



#46
 Dibromomethane
 Concen: 55.334 ug/l
 RT: 7.66 min Scan# 1068
 Delta R.T. 0.01 min
 Lab File: VX006484.D
 Acq: 13 Dec 2018 09:32

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.4	66.2	99.4
174	113.2	97.2	145.8





#47

Bromodichloromethane

Concen: 49.884 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX006484.D

Acq: 13 Dec 2018 09:32

Instrument :

MSVOA_X

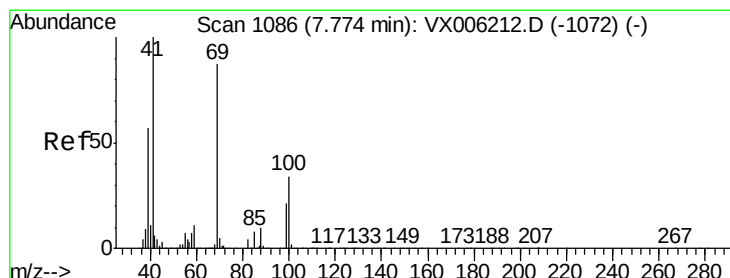
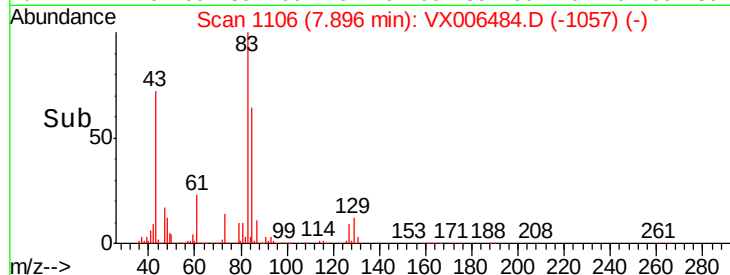
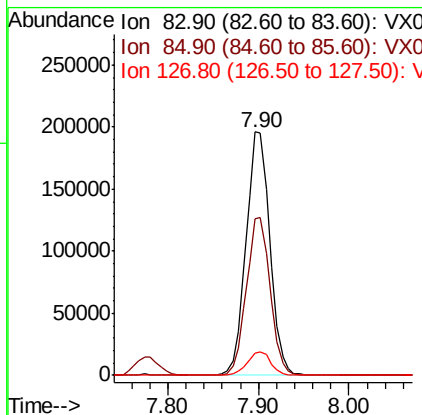
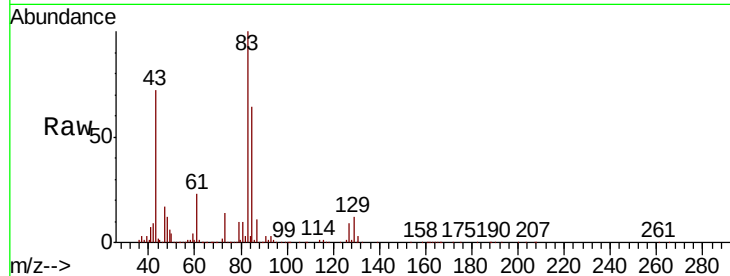
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	356469
Ion	Ratio	Lower	Upper
83	100		
85	64.3	51.4	77.0
127	9.2	7.9	11.9

Manual Integrations
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#48

Methyl methacrylate

Concen: 51.831 ug/l

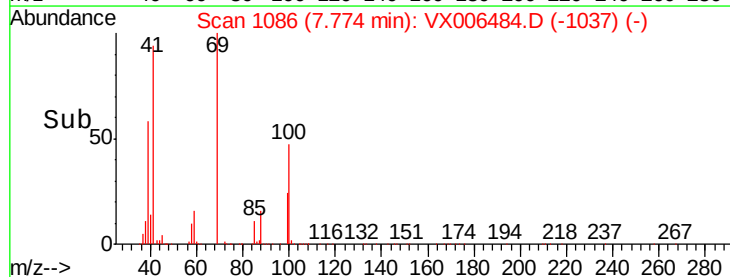
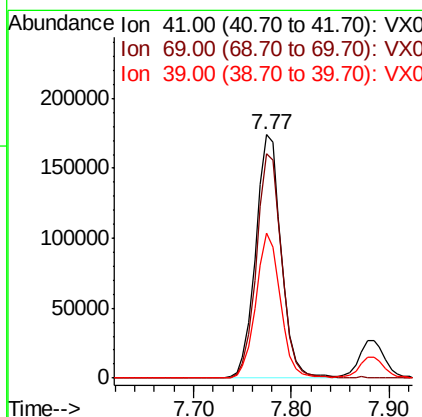
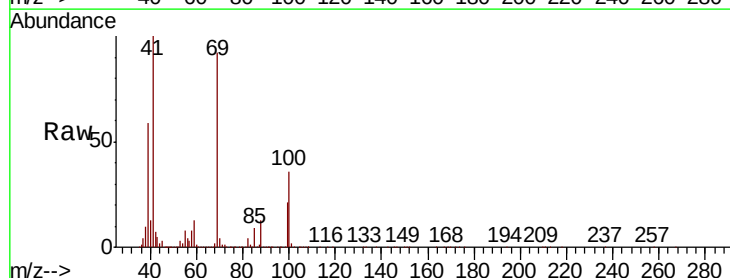
RT: 7.77 min Scan# 1086

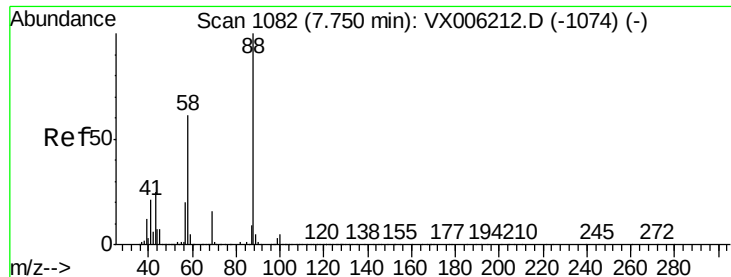
Delta R.T. -0.00 min

Lab File: VX006484.D

Acq: 13 Dec 2018 09:32

Tgt Ion:	41	Resp:	316009
Ion	Ratio	Lower	Upper
41	100		
69	91.2	70.3	105.5
39	57.1	45.3	67.9





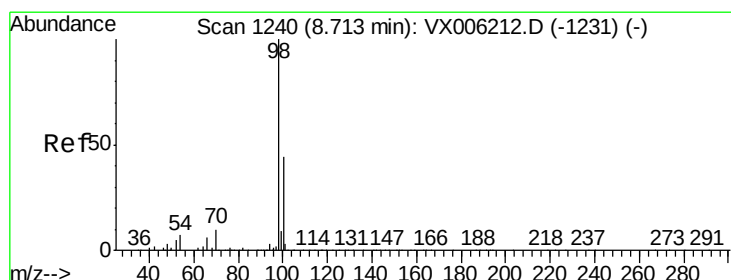
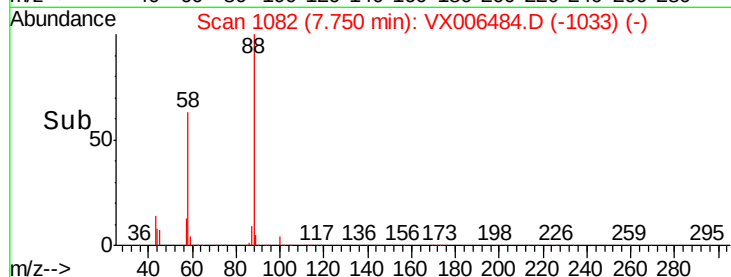
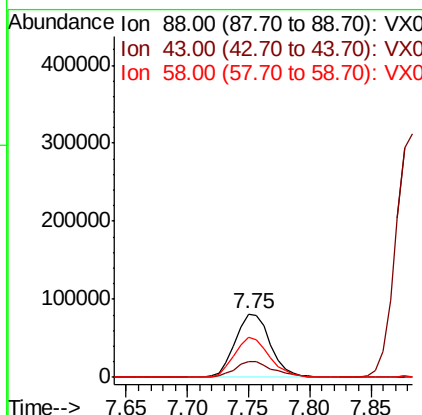
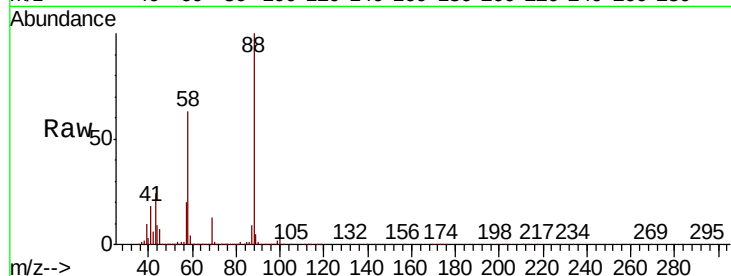
#49
1,4-Dioxane
Concen: 1076.726 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. -0.00 min
Lab File: VX006484.D
Acq: 13 Dec 2018 09:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	26.9	23.2	34.8
58	63.5	51.4	77.0

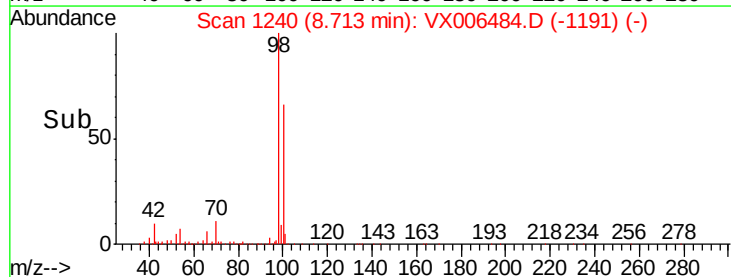
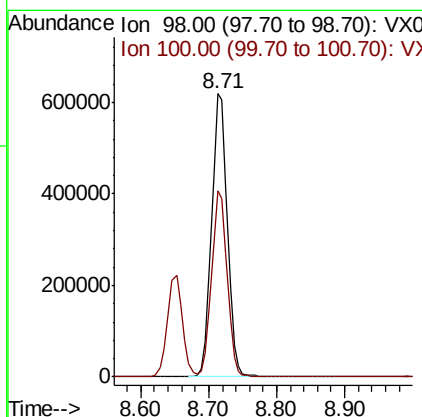
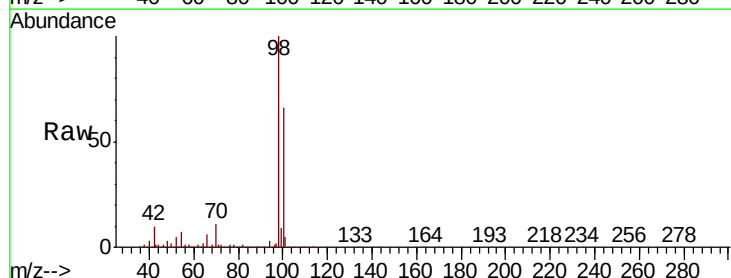
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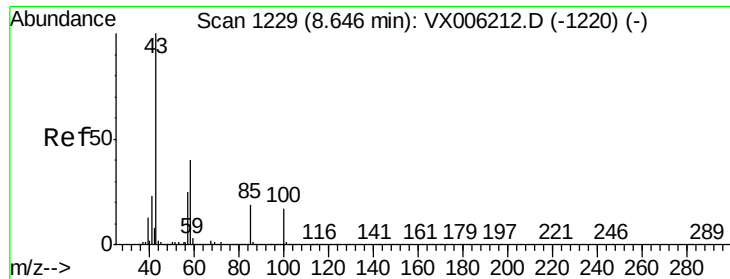
MMDadoda
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#50
Toluene-d8
Concen: 52.926 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX006484.D
Acq: 13 Dec 2018 09:32

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.2	52.2	78.2





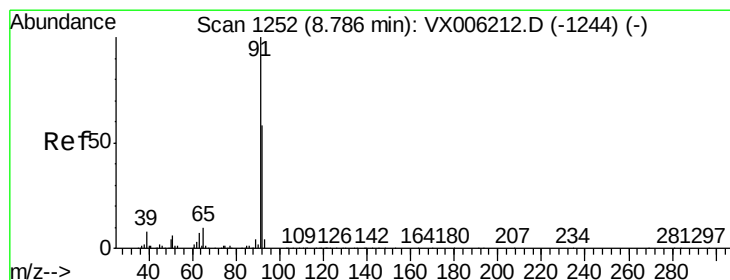
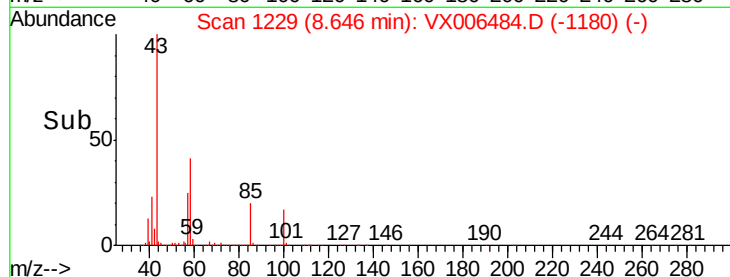
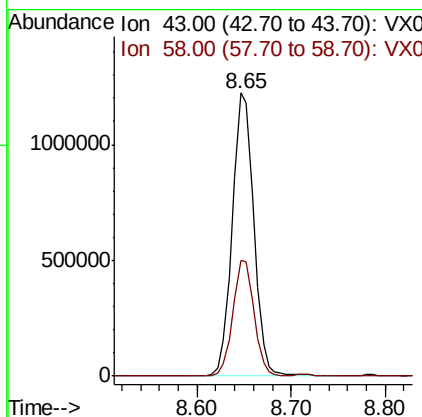
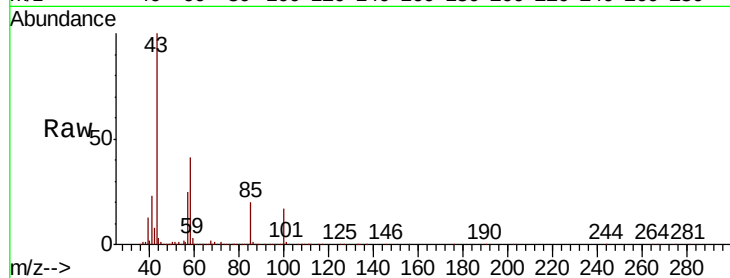
#51
 4-Methyl-2-Pentanone
 Concen: 265.859 ug/l
 RT: 8.65 min Scan# 1229
 Delta R.T. -0.00 min
 Lab File: VX006484.D
 Acq: 13 Dec 2018 09:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 43 Resp: 1939644
 Ion Ratio Lower Upper
 43 100
 58 40.3 31.3 46.9

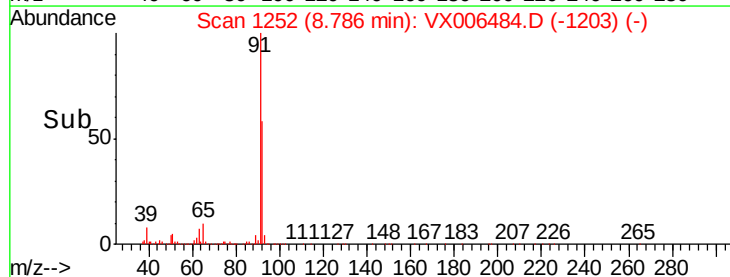
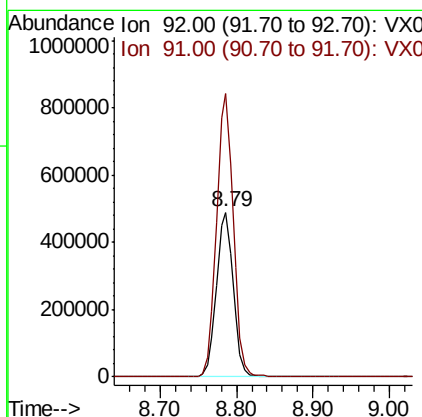
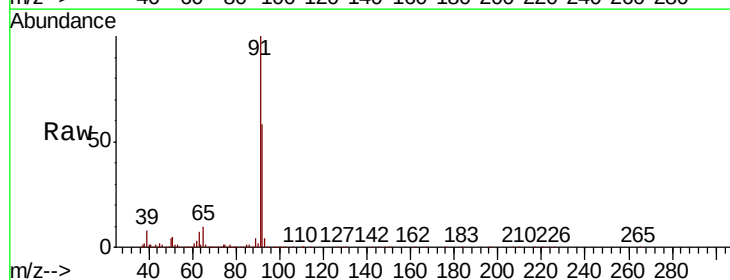
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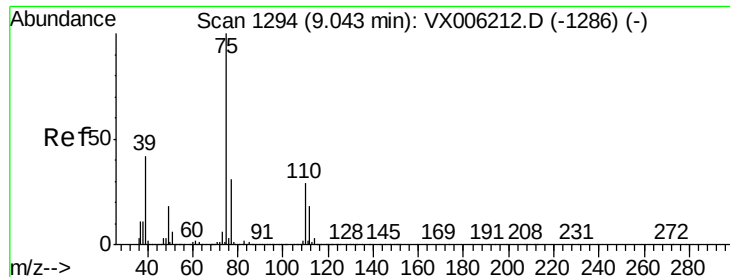
MMDadoda
 12/13/2018 1:02:05 PM



#52
 Toluene
 Concen: 56.305 ug/l
 RT: 8.79 min Scan# 1252
 Delta R.T. -0.00 min
 Lab File: VX006484.D
 Acq: 13 Dec 2018 09:32

Tgt Ion: 92 Resp: 744691
 Ion Ratio Lower Upper
 92 100
 91 171.7 139.2 208.8





#53

t-1,3-Dichloropropene

Concen: 44.586 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX006484.D

Acq: 13 Dec 2018 09:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 75 Resp: 372614

Ion Ratio Lower Upper

75 100

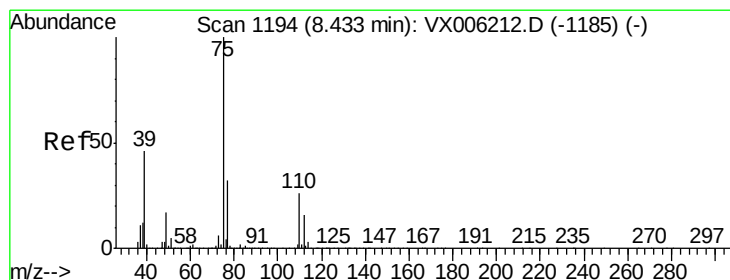
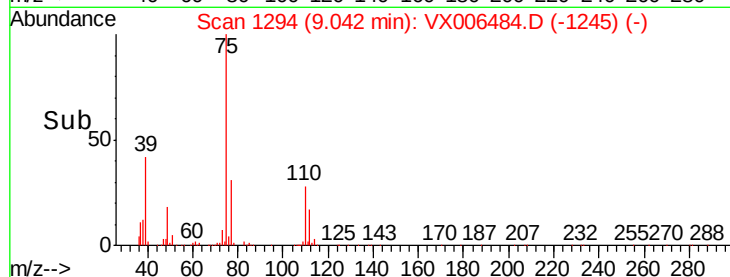
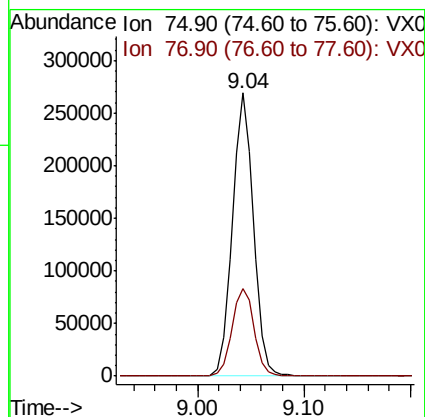
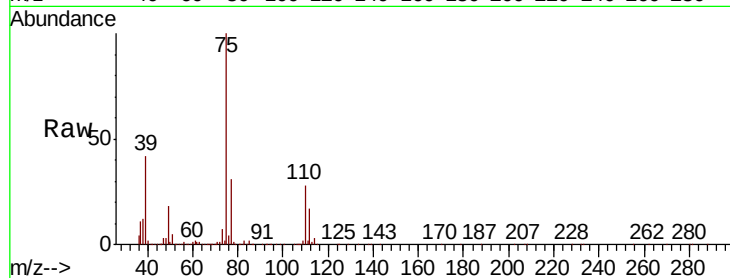
77 30.8 25.0 37.4

Manual Integrations

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#54

cis-1,3-Dichloropropene

Concen: 47.065 ug/l

RT: 8.44 min Scan# 1195

Delta R.T. 0.01 min

Lab File: VX006484.D

Acq: 13 Dec 2018 09:32

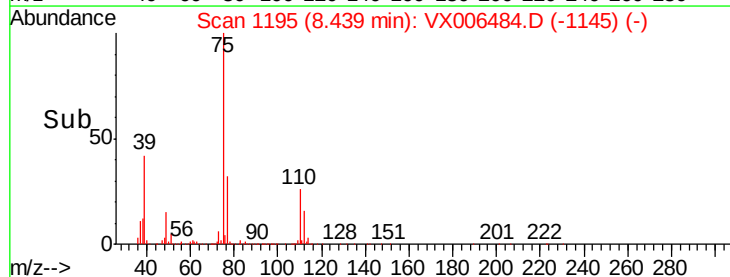
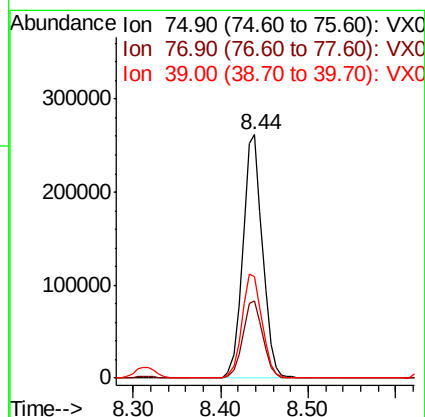
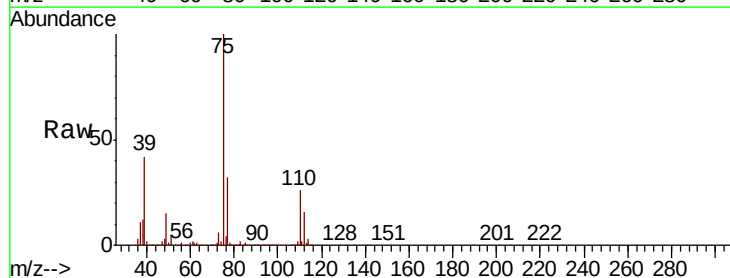
Tgt Ion: 75 Resp: 408429

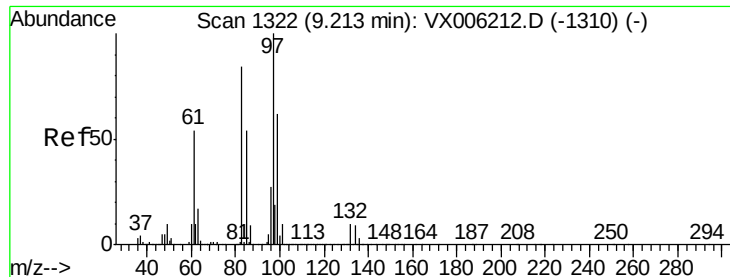
Ion Ratio Lower Upper

75 100

77 31.7 25.6 38.4

39 41.5 36.5 54.7





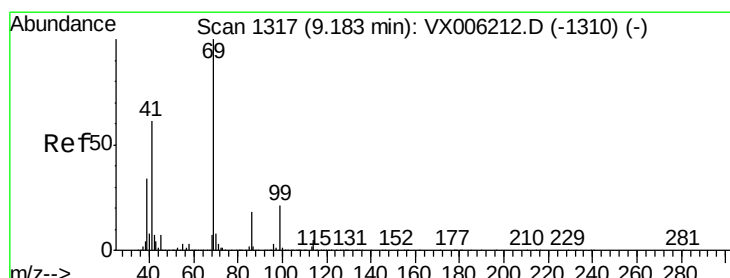
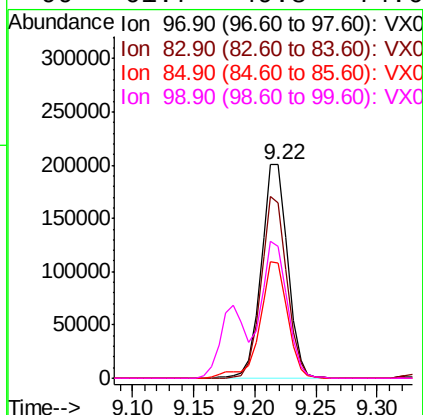
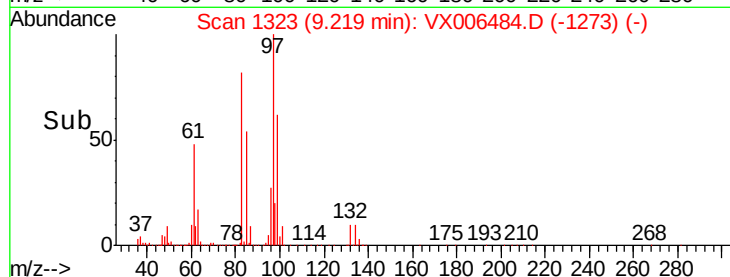
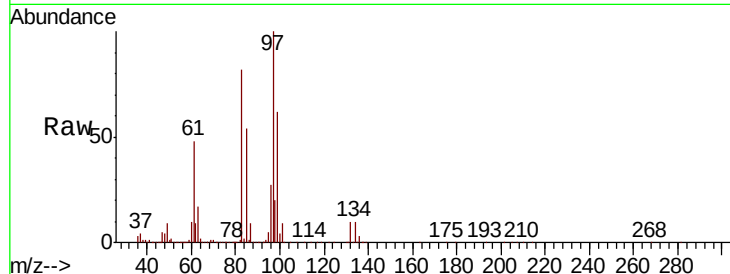
#55
 1,1,2-Trichloroethane
 Concen: 56.413 ug/l
 RT: 9.22 min Scan# 1323
 Delta R.T. 0.01 min
 Lab File: VX006484.D
 Acq: 13 Dec 2018 09:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		303117		
83	81.9	67.1	100.7		
85	53.9	43.2	64.8		
99	61.7	49.8	74.6		

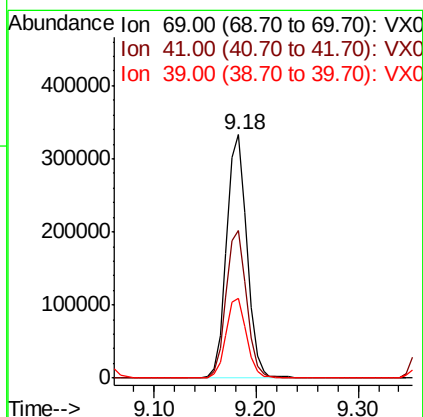
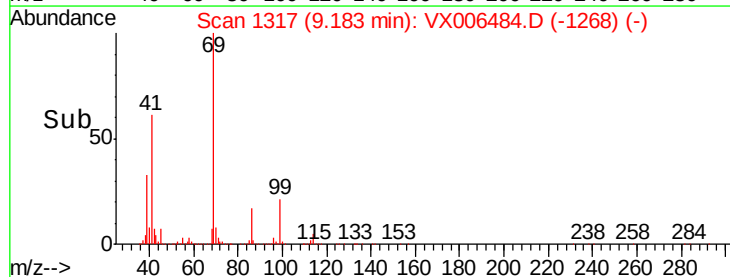
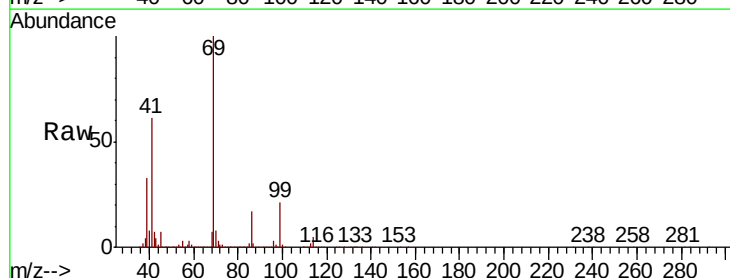
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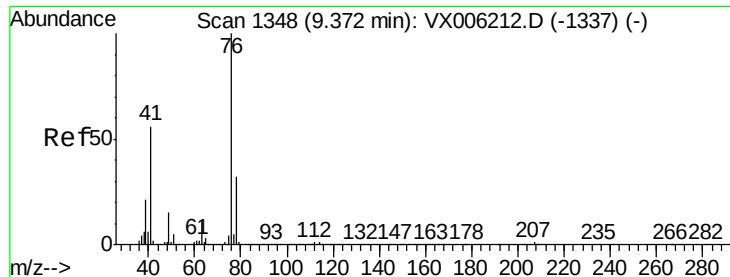
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 12/13/2018 1:02:05 PM



#56
 Ethyl methacrylate
 Concen: 54.567 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. -0.00 min
 Lab File: VX006484.D
 Acq: 13 Dec 2018 09:32

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		458359		
41	61.1	50.6	76.0		
39	33.1	27.6	41.4		





#57

1,3-Dichloropropane

Concen: 56.454 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX006484.D

Acq: 13 Dec 2018 09:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 479662

Ion Ratio Lower Upper

76 100

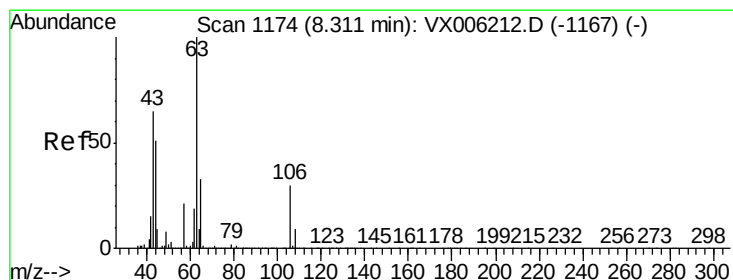
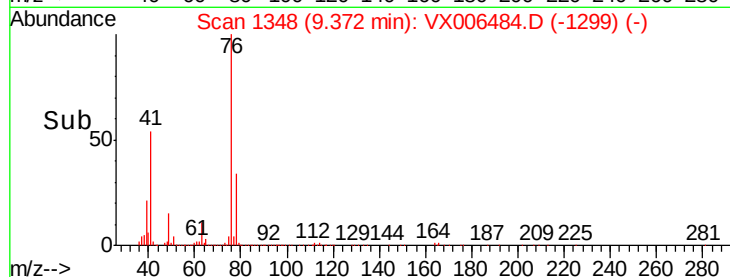
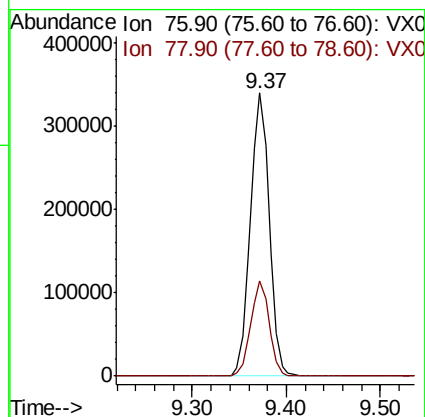
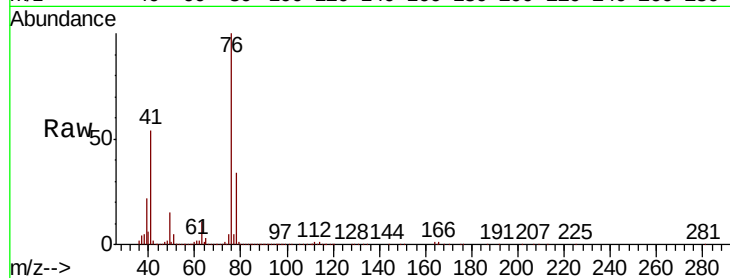
78 32.9 26.1 39.1

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 241.818 ug/l

RT: 8.32 min Scan# 1175

Delta R.T. 0.01 min

Lab File: VX006484.D

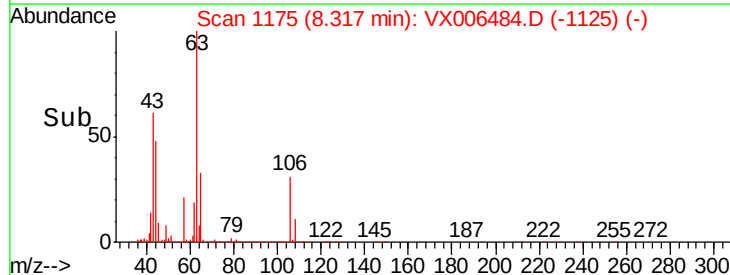
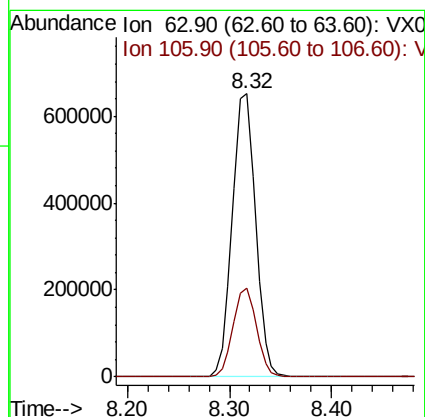
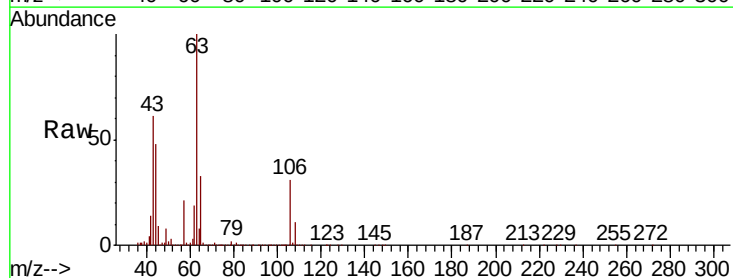
Acq: 13 Dec 2018 09:32

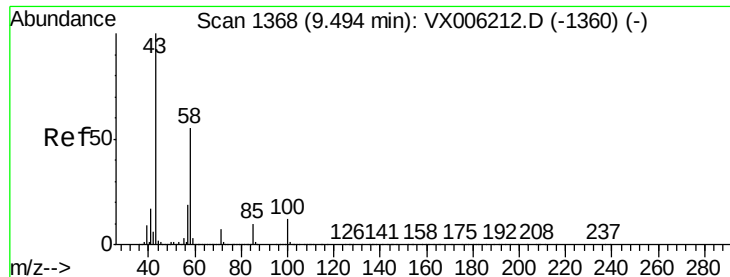
Tgt Ion: 63 Resp: 1030769

Ion Ratio Lower Upper

63 100

106 31.6 24.9 37.3





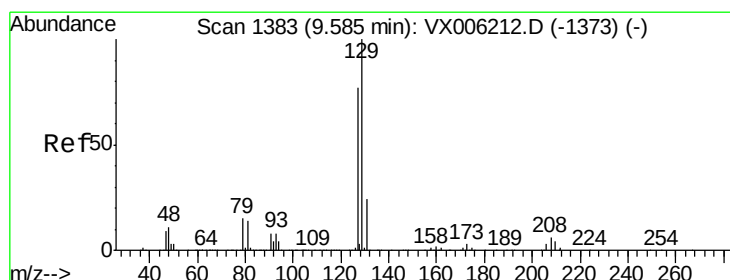
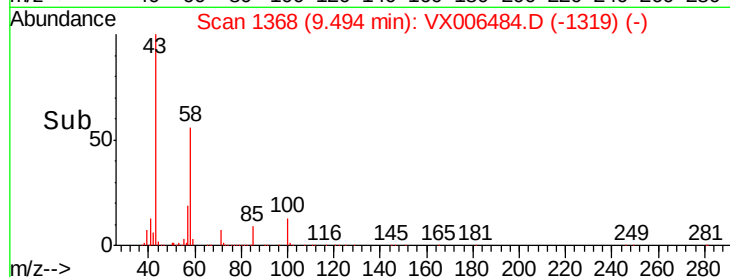
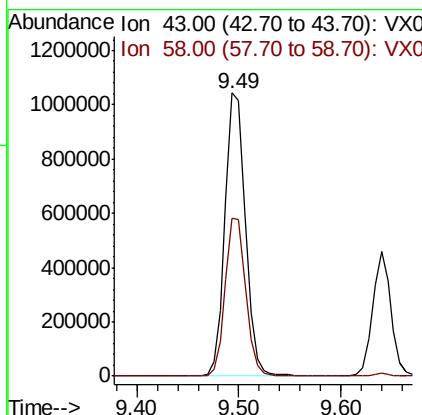
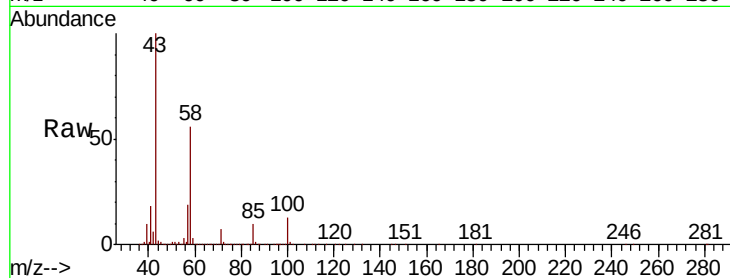
#59
2-Hexanone
Concen: 261.009 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VX006484.D
Acq: 13 Dec 2018 09:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 1454863
Ion Ratio Lower Upper
43 100
58 56.3 27.7 83.1

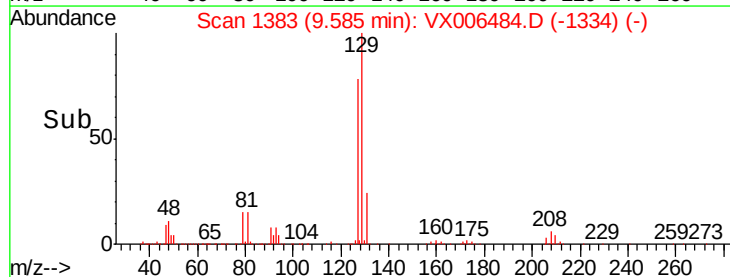
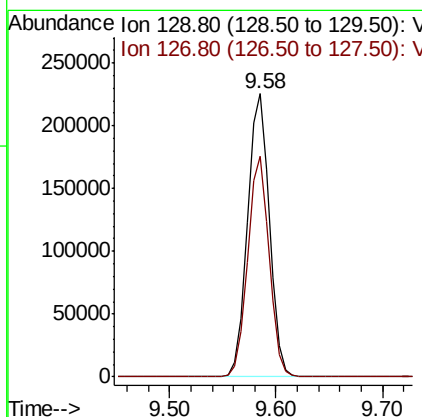
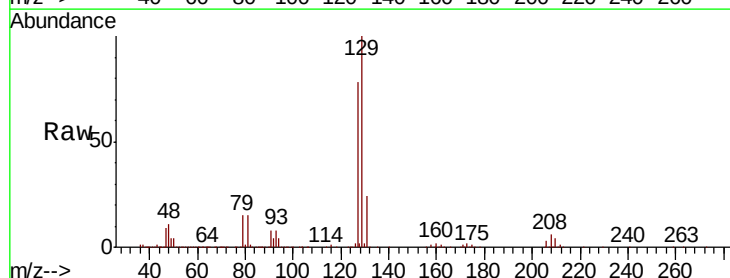
Manual Integrations
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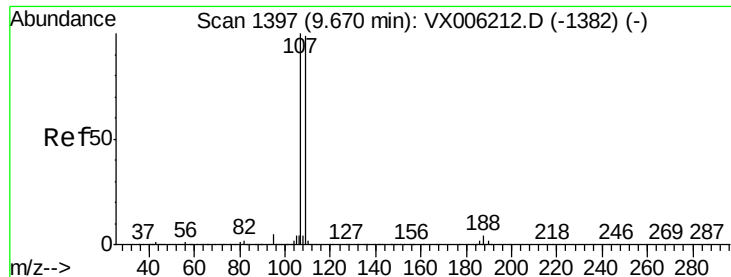
MMDadoda
12/13/2018 1:02:05 PM



#60
Dibromochloromethane
Concen: 49.004 ug/l
RT: 9.58 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX006484.D
Acq: 13 Dec 2018 09:32

Tgt Ion: 129 Resp: 324684
Ion Ratio Lower Upper
129 100
127 76.4 38.6 115.8





#61

1,2-Dibromoethane

Concen: 55.791 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX006484.D

Acq: 13 Dec 2018 09:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:107 Resp: 335193

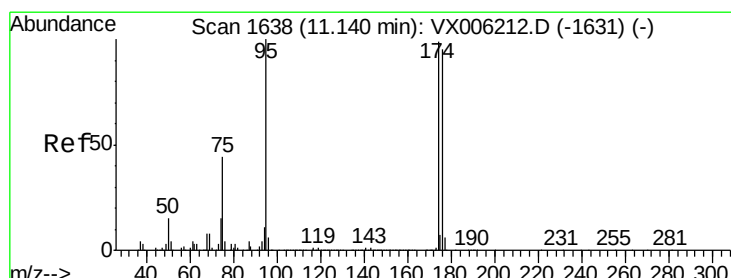
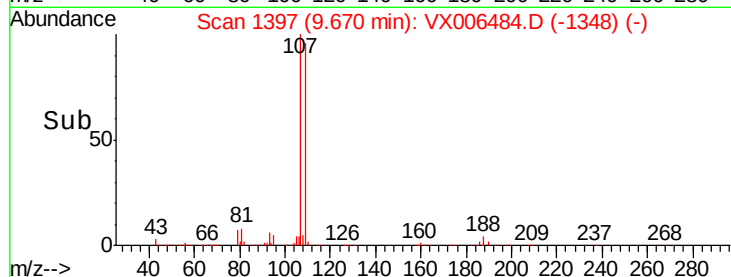
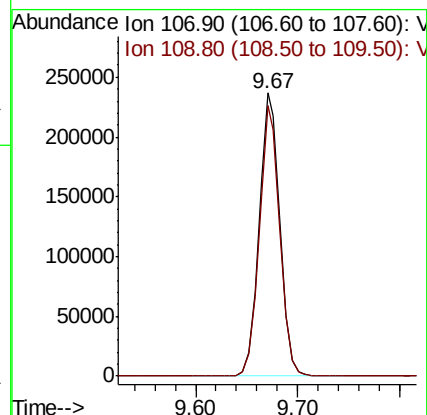
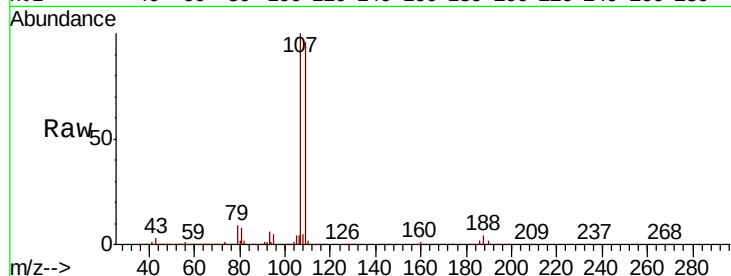
Ion Ratio Lower Upper

107 100

109 95.0 76.3 114.5

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#62

4-Bromofluorobenzene

Concen: 54.036 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX006484.D

Acq: 13 Dec 2018 09:32

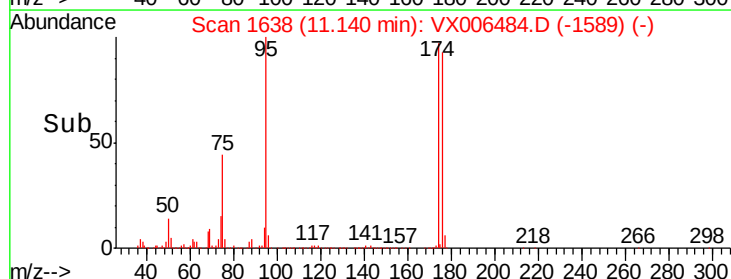
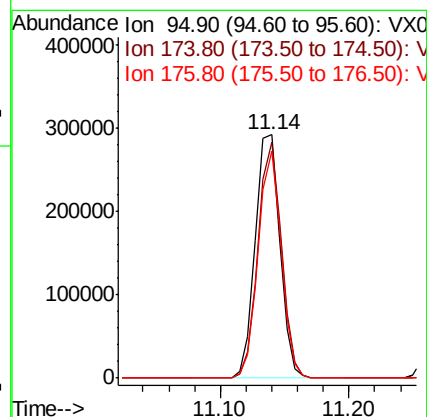
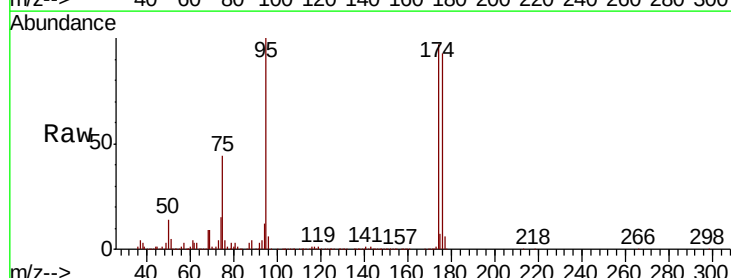
Tgt Ion: 95 Resp: 382236

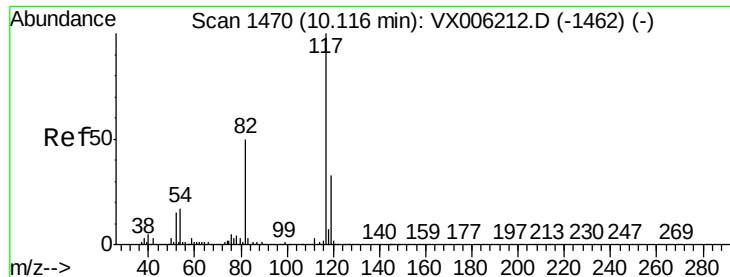
Ion Ratio Lower Upper

95 100

174 92.2 0.0 187.0

176 87.9 0.0 181.8





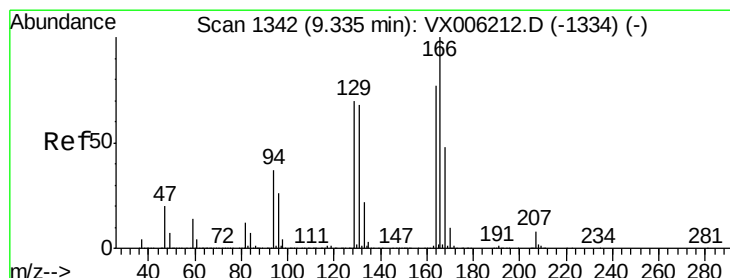
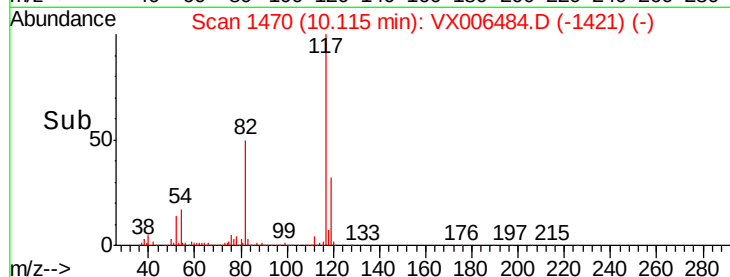
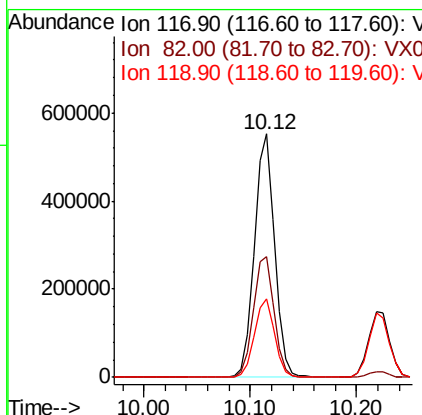
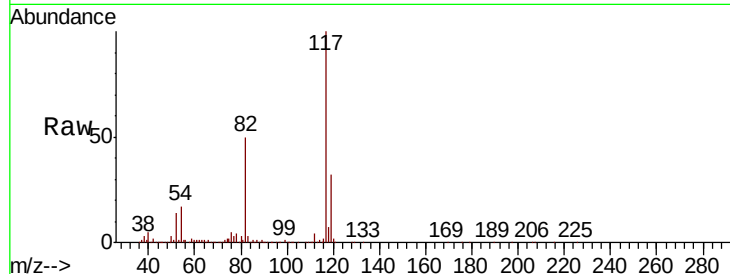
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX006484.D
Acq: 13 Dec 2018 09:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
117	100	736899		
82	49.6		39.6	59.4
119	32.3		26.3	39.5

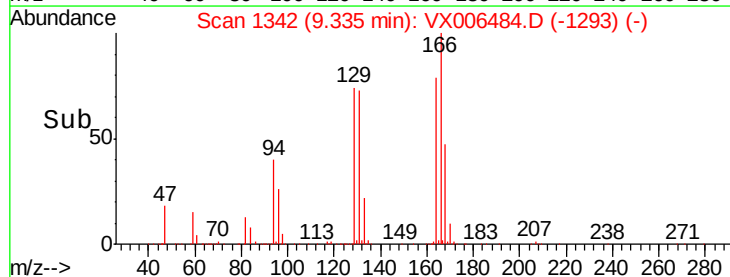
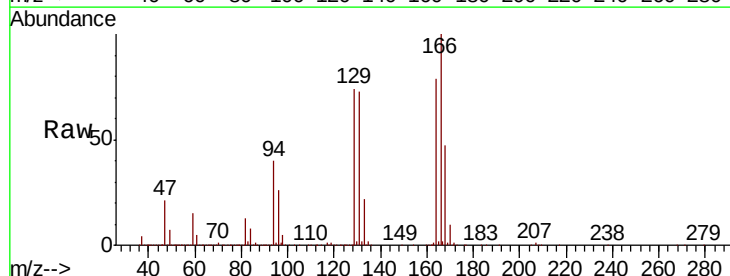
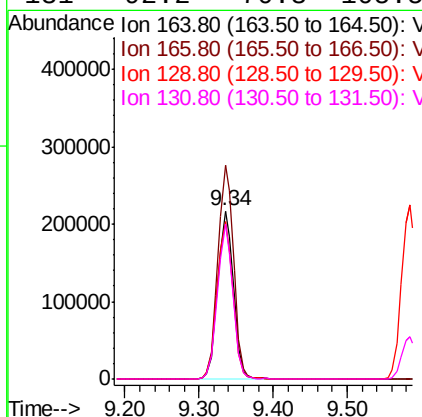
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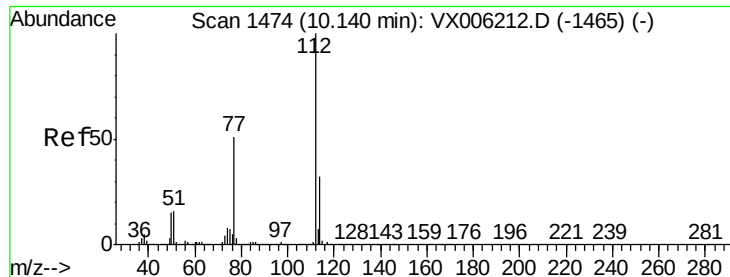
MMDadoda
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#64
Tetrachloroethene
Concen: 56.596 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX006484.D
Acq: 13 Dec 2018 09:32

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	314082		
166	127.0		104.2	156.2
129	93.9		72.6	108.8
131	92.2		70.3	105.5





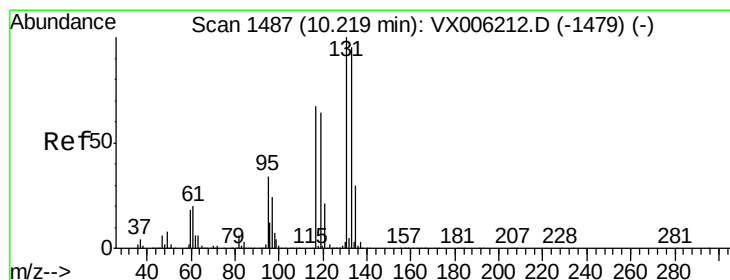
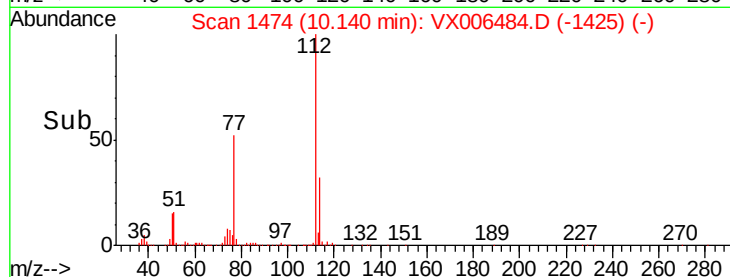
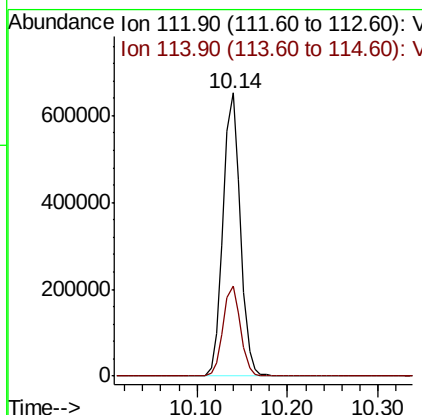
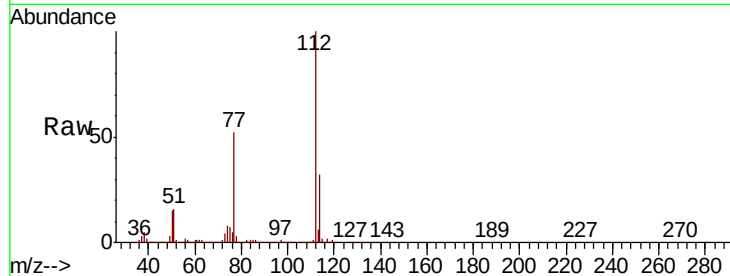
#65
Chlorobenzene
Concen: 55.463 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX006484.D
Acq: 13 Dec 2018 09:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.0	25.4	38.2

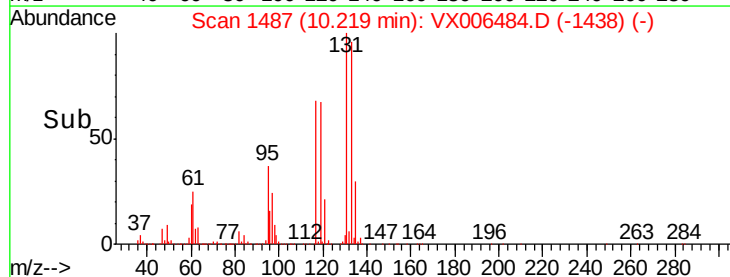
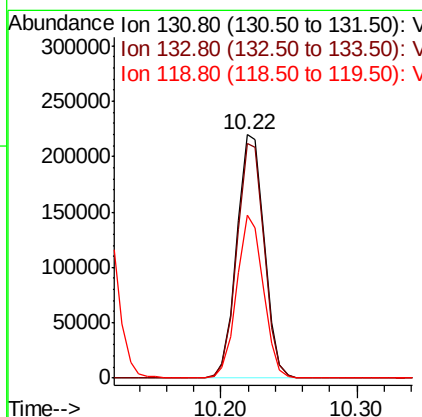
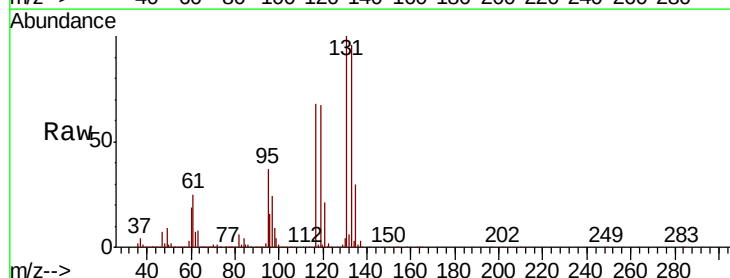
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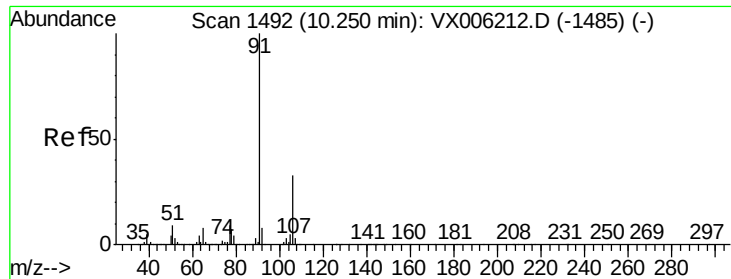
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#66
1,1,1,2-Tetrachloroethane
Concen: 50.793 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX006484.D
Acq: 13 Dec 2018 09:32

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.8	48.1	144.4
119	64.7	32.1	96.3





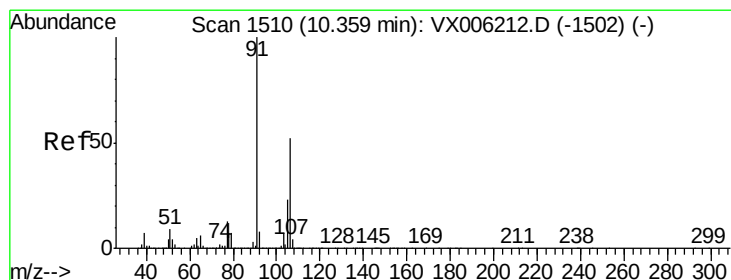
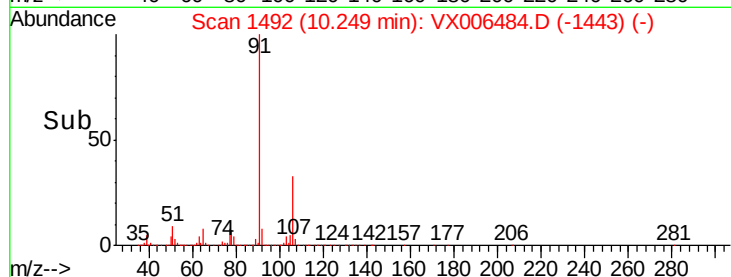
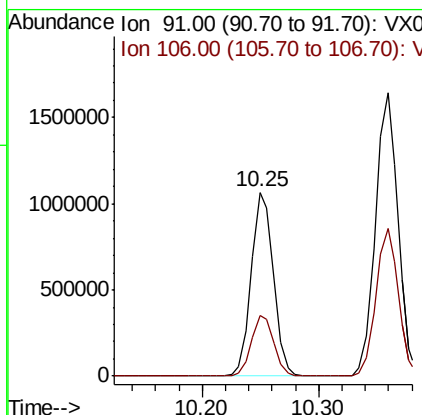
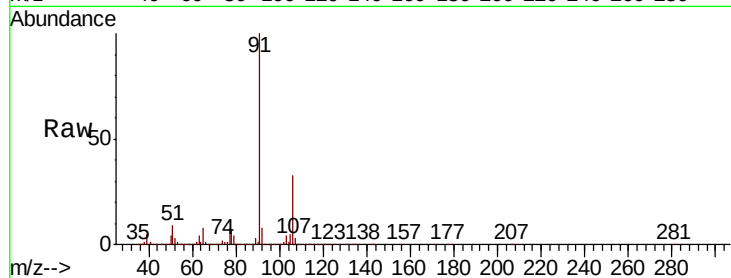
#67
Ethyl Benzene
Concen: 54.591 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX006484.D
Acq: 13 Dec 2018 09:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 1420283
Ion Ratio Lower Upper
91 100
106 32.7 26.5 39.7

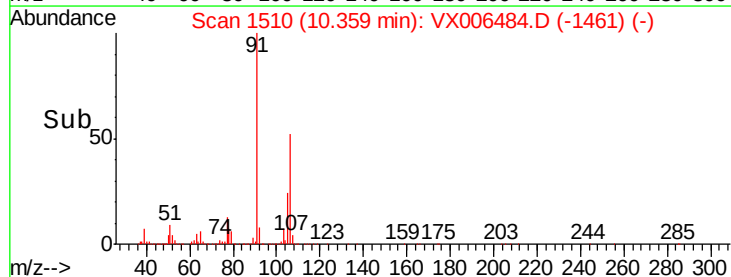
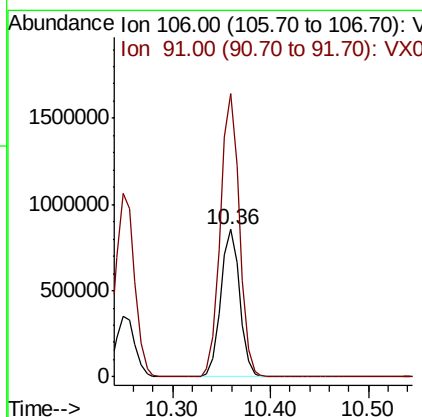
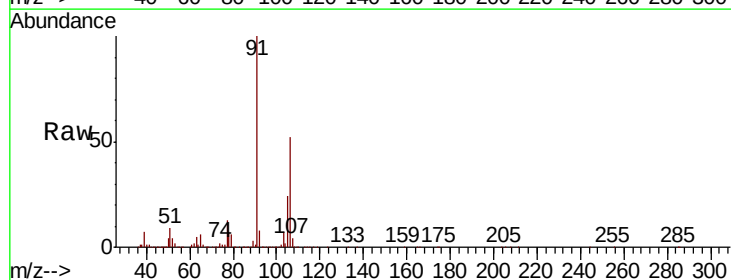
Manual Integrations
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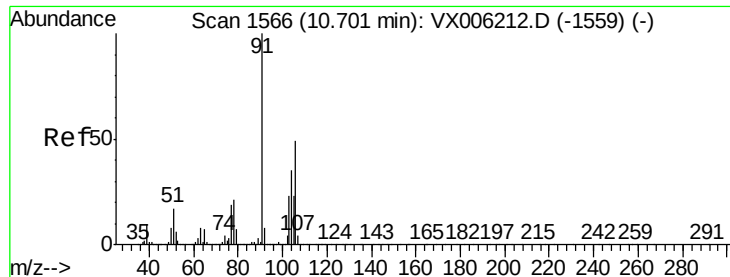
MMDadoda
12/13/2018 1:02:05 PM



#68
m/p-Xylenes
Concen: 110.280 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX006484.D
Acq: 13 Dec 2018 09:32

Tgt Ion: 106 Resp: 1149301
Ion Ratio Lower Upper
106 100
91 192.4 155.2 232.8





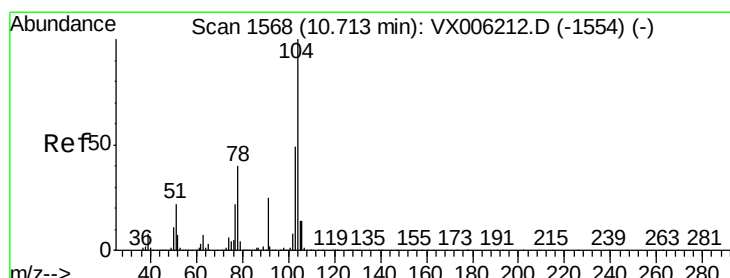
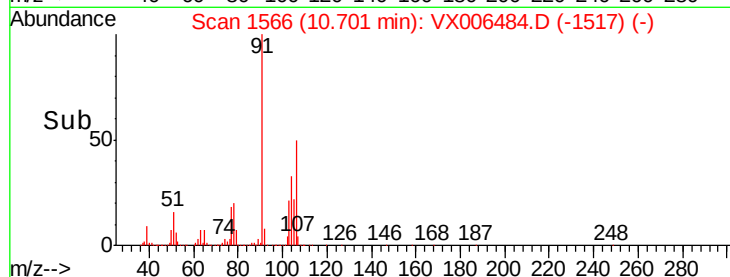
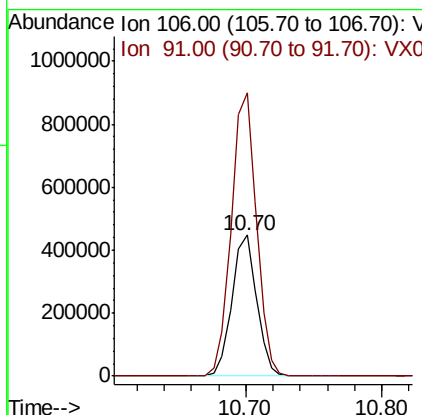
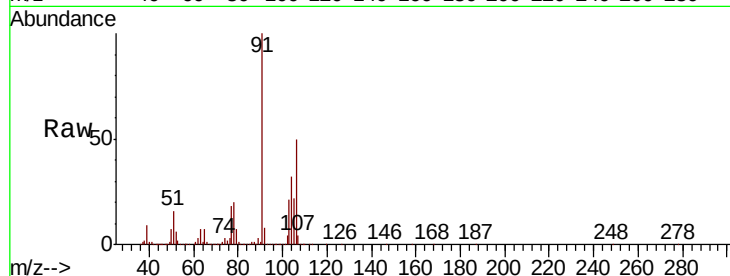
#69
o-Xylene
Concen: 55.156 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX006484.D
Acq: 13 Dec 2018 09:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
106	100		
91	204.2	101.8	305.6

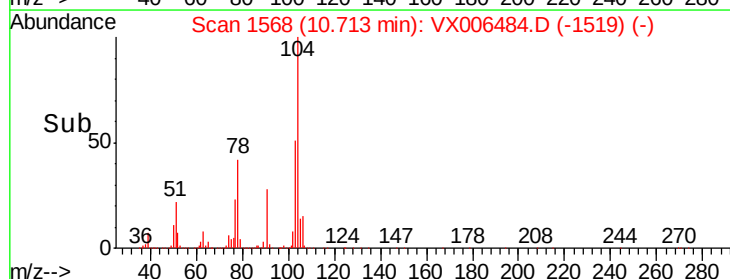
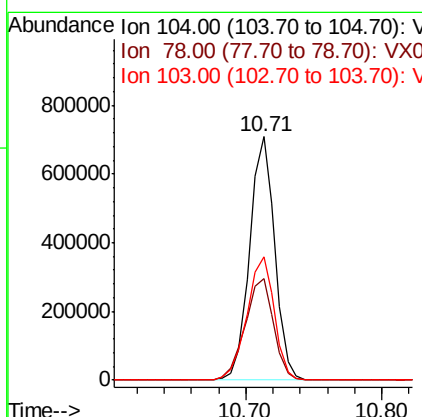
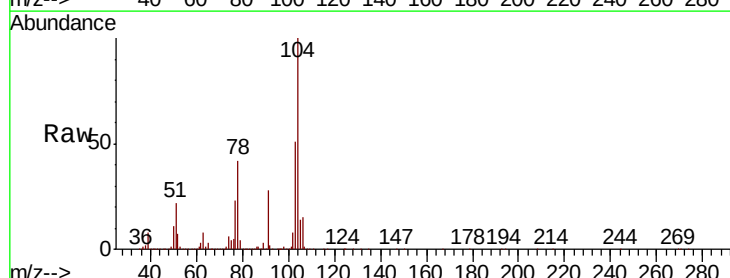
Manual Integrations
APPROVED

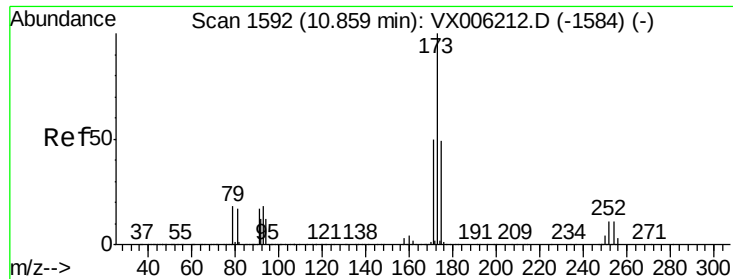
MMDadoda
12/13/2018 1:02:05 PM



#70
Styrene
Concen: 55.087 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX006484.D
Acq: 13 Dec 2018 09:32

Tgt Ion	Ratio	Lower	Upper
104	100		
78	47.5	37.2	55.8
103	55.4	43.5	65.3





#71

Bromoform

Concen: 42.557 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. -0.00 min

Lab File: VX006484.D

Acq: 13 Dec 2018 09:32

Instrument :

MSVOA_X

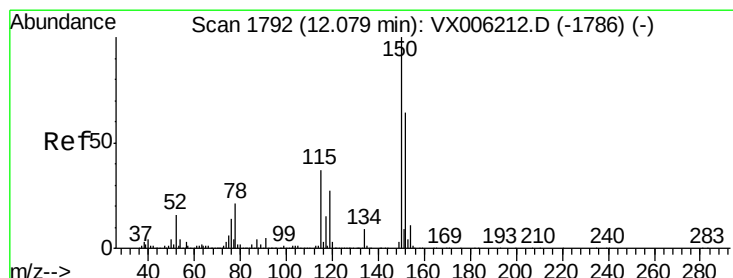
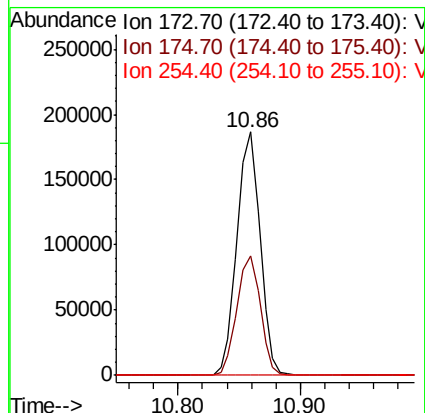
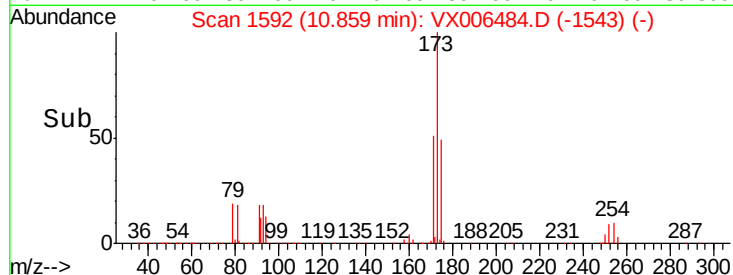
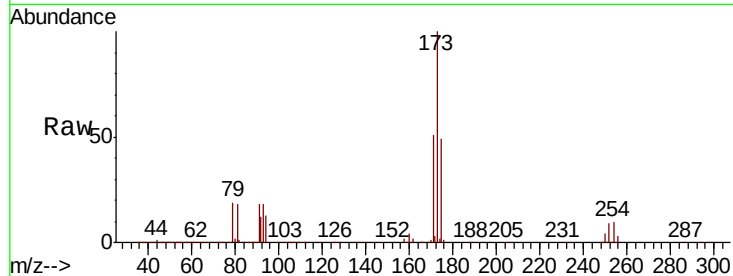
ClientSampleId :

VSTDCCC050EC

Tot Ion:	173	Resp:	244165
Ion Ratio	Lower	Upper	
173	100		
175	49.9	24.6	73.8
254	0.2	0.2	0.2

Manual Integrations
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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

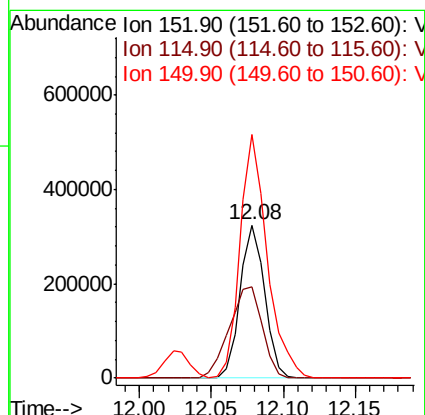
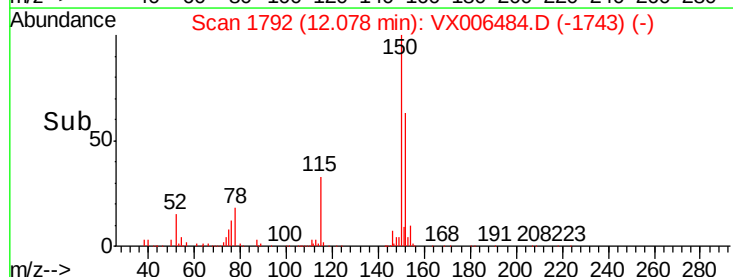
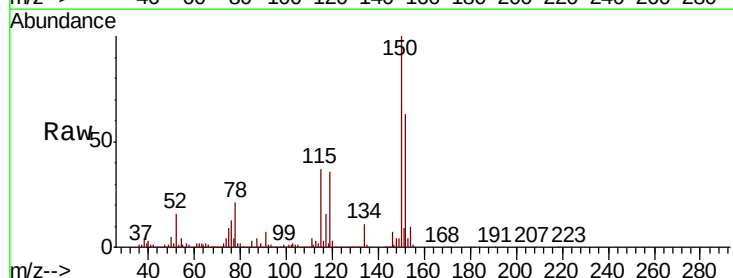
RT: 12.08 min Scan# 1792

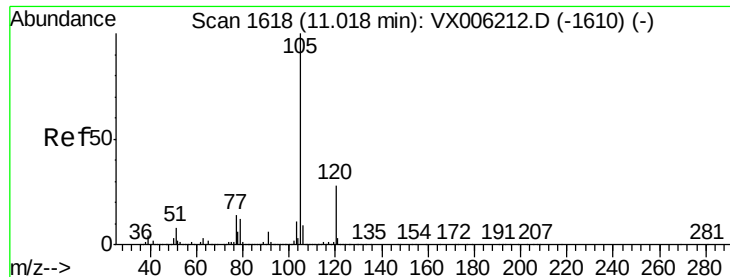
Delta R.T. -0.00 min

Lab File: VX006484.D

Acq: 13 Dec 2018 09:32

Tgt Ion:	152	Resp:	386445
Ion Ratio	Lower	Upper	
152	100		
115	80.5	39.0	116.9
150	175.7	0.0	345.8





#73

Isopropylbenzene

Concen: 55.779 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX006484.D

Acq: 13 Dec 2018 09:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 1488604

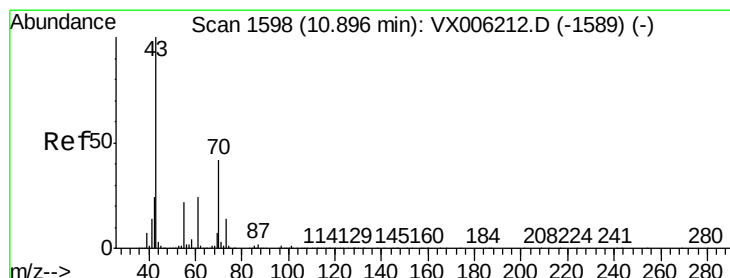
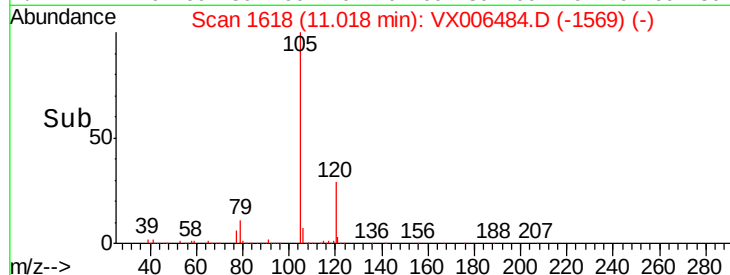
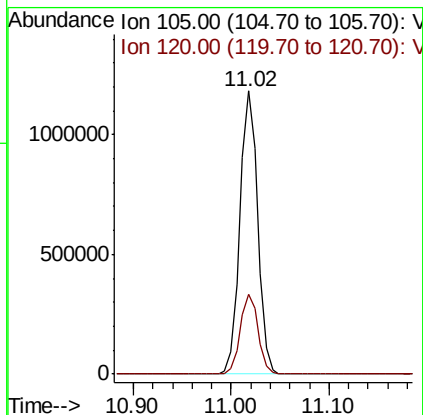
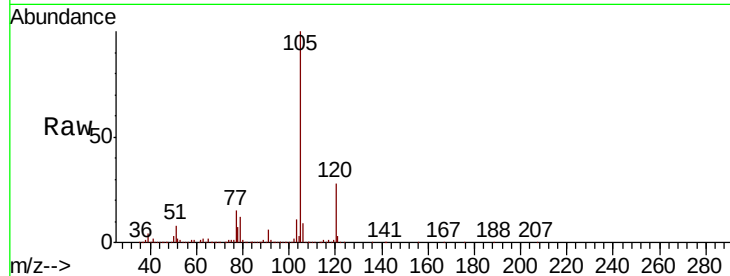
Ion Ratio Lower Upper

105 100

120 28.1 14.1 42.3

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#74

N-ethyl acetate

Concen: 49.095 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX006484.D

Acq: 13 Dec 2018 09:32

Tgt Ion: 43 Resp: 564210

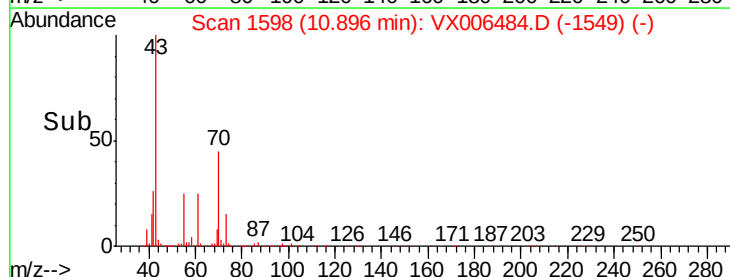
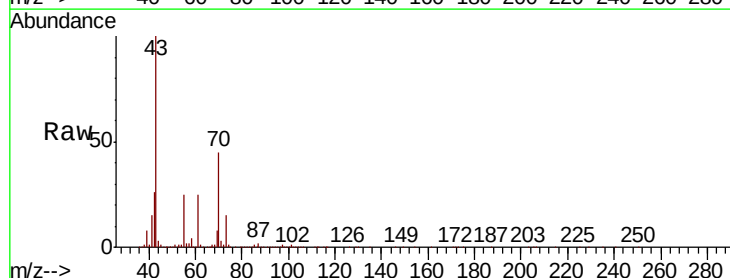
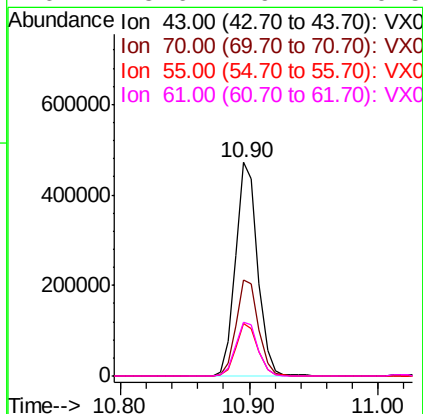
Ion Ratio Lower Upper

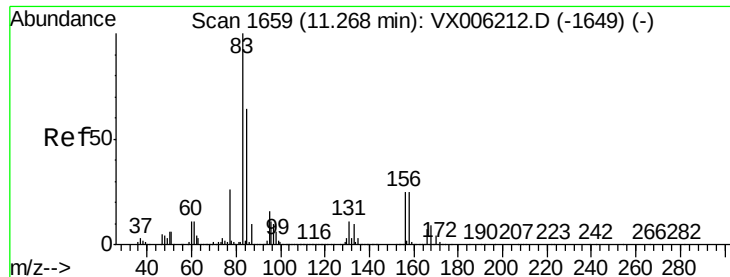
43 100

70 45.6 34.1 51.1

55 24.4 17.8 26.8

61 25.6 19.7 29.5





#75

1,1,2,2-Tetrachloroethane

Concen: 52.785 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX006484.D

Acq: 13 Dec 2018 09:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 83 Resp: 450673

Ion Ratio Lower Upper

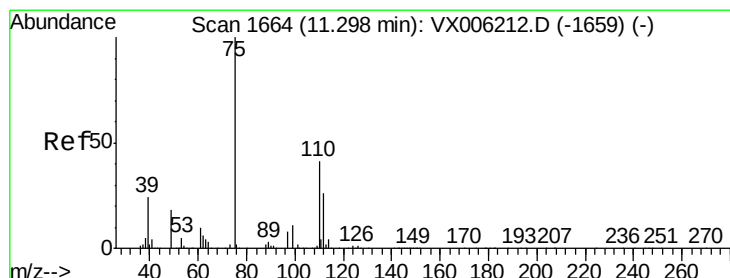
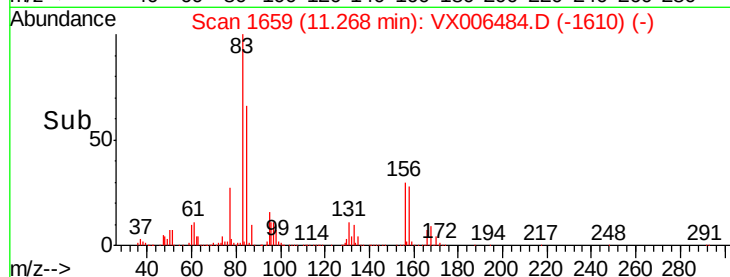
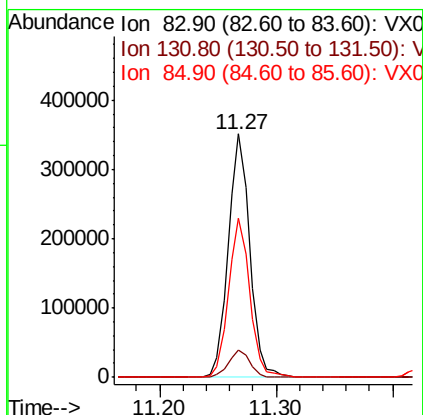
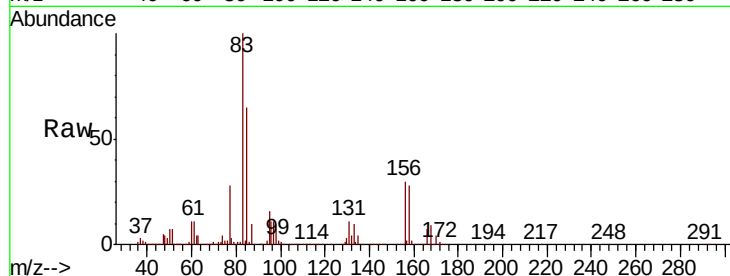
83 100

131 11.3 5.7 17.1

85 64.9 32.1 96.5

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 54.866 ug/l m

RT: 11.30 min Scan# 1664

Delta R.T. -0.00 min

Lab File: VX006484.D

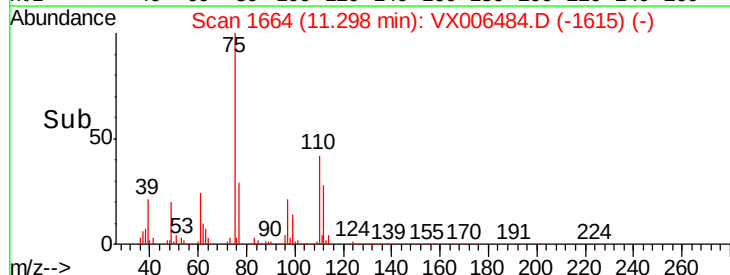
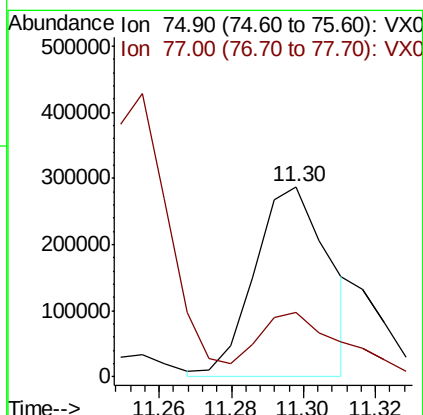
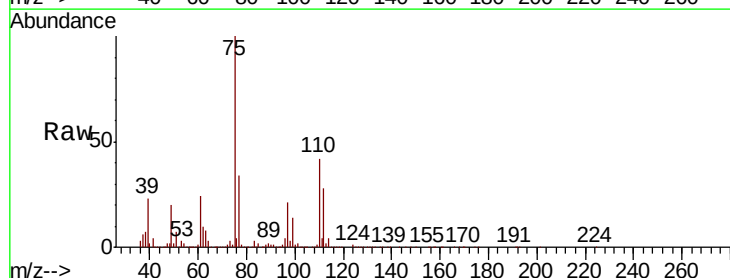
Acq: 13 Dec 2018 09:32

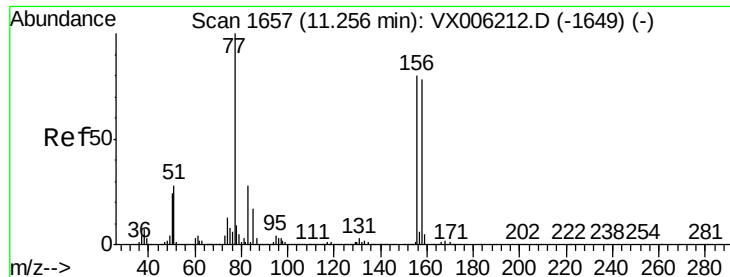
Tgt Ion: 75 Resp: 409243

Ion Ratio Lower Upper

75 100

77 38.7 19.9 59.7





#77

Bromobenzene

Concen: 54.586 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX006484.D

Acq: 13 Dec 2018 09:32

Instrument :

MSVOA_X

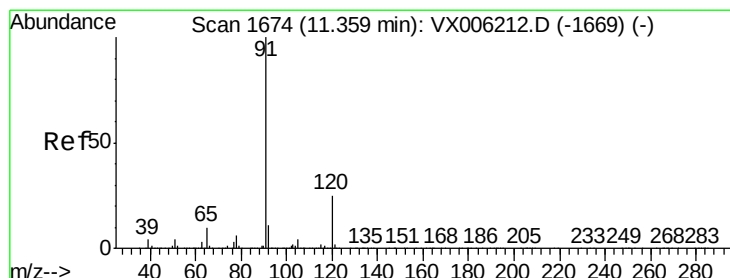
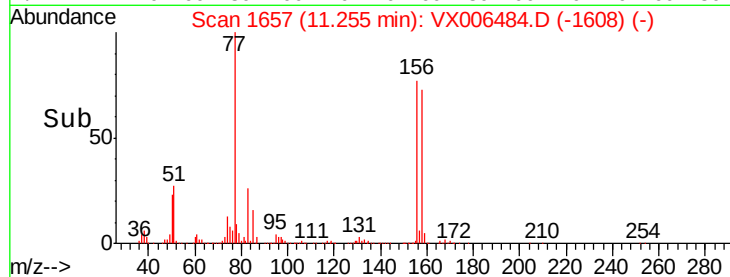
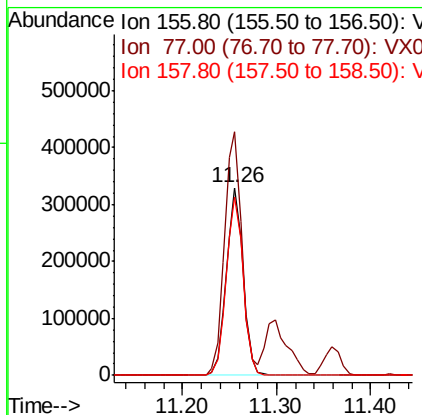
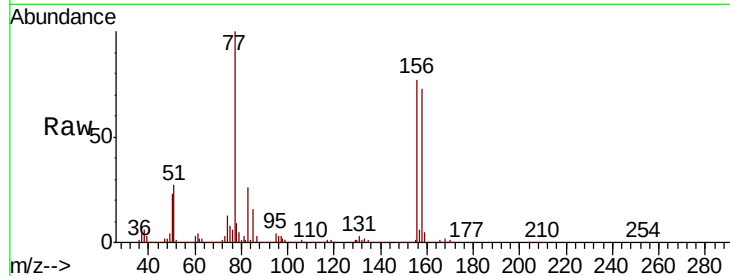
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	404276
Ion Ratio	Lower	Upper	
156	100		
77	135.0	66.2	198.6
158	97.0	48.8	146.4

Manual Integrations
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12/13/2018 1:02:05 PM



#78

n-propylbenzene

Concen: 55.316 ug/l

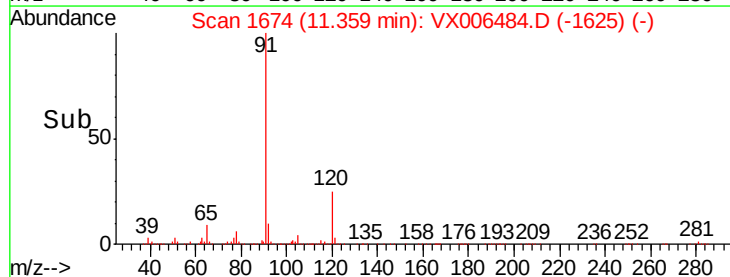
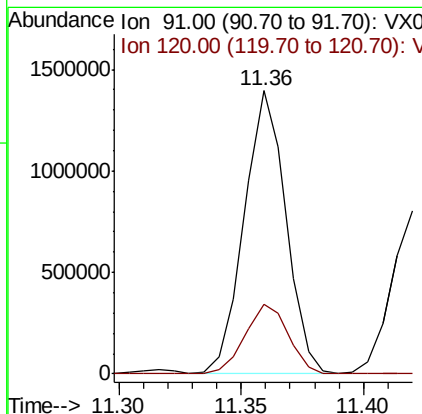
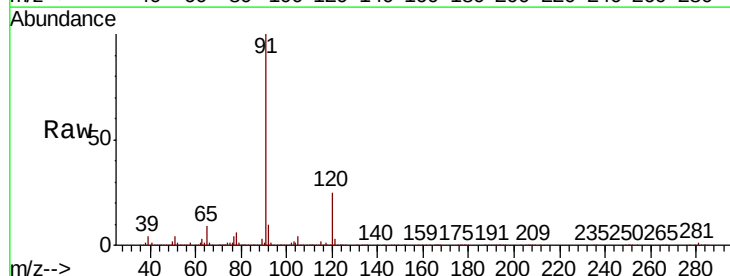
RT: 11.36 min Scan# 1674

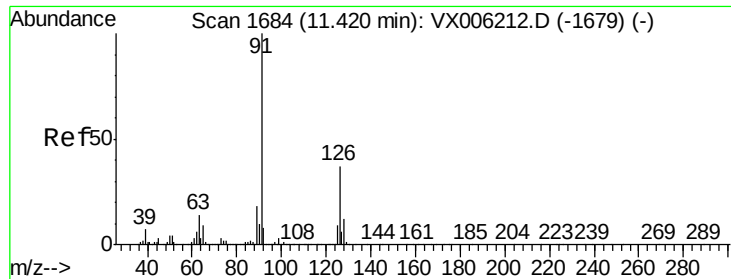
Delta R.T. -0.00 min

Lab File: VX006484.D

Acq: 13 Dec 2018 09:32

Tgt Ion:	91	Resp:	1640973
Ion Ratio	Lower	Upper	
91	100		
120	25.7	12.7	38.0





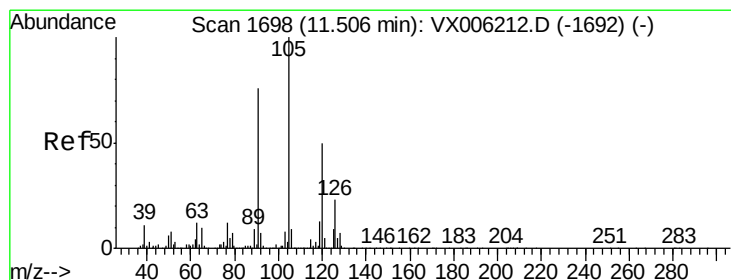
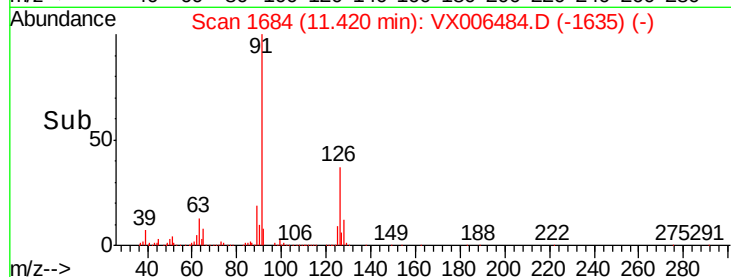
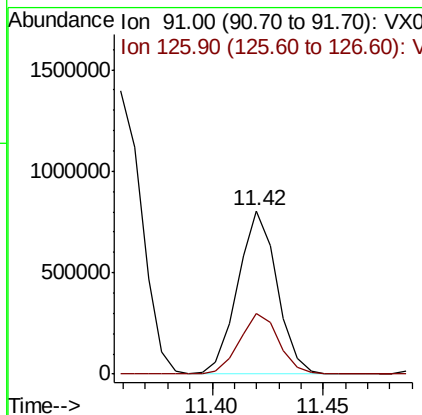
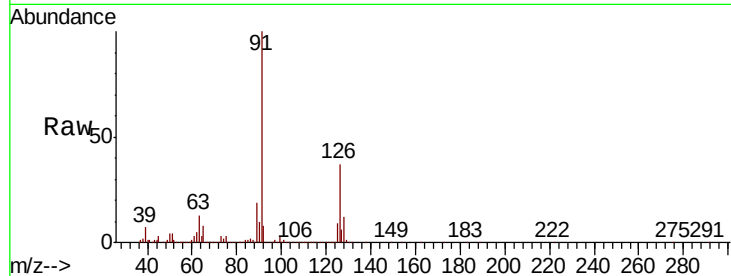
#79
 2-Chlorotoluene
 Concen: 55.537 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: VX006484.D
 Acq: 13 Dec 2018 09:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 91 Resp: 979225
 Ion Ratio Lower Upper
 91 100
 126 37.8 18.6 56.0

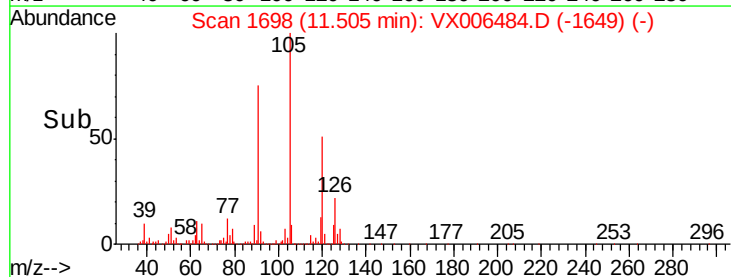
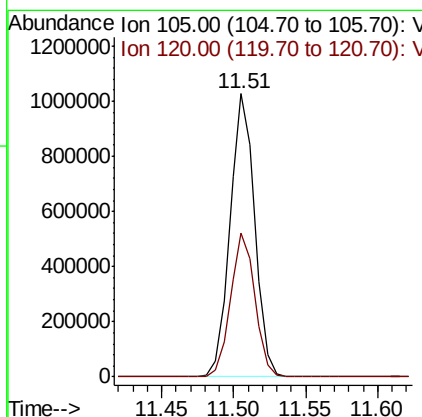
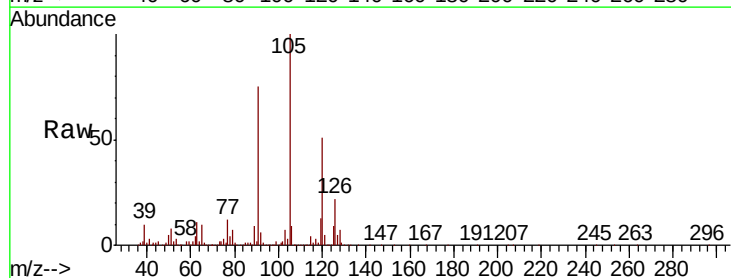
Manual Integrations
 APPROVED

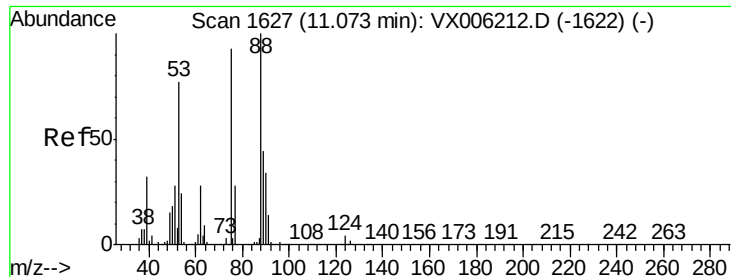
MMDadoda
 12/13/2018 1:02:05 PM



#80
 1,3,5-Trimethylbenzene
 Concen: 55.602 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX006484.D
 Acq: 13 Dec 2018 09:32

Tgt Ion: 105 Resp: 1234620
 Ion Ratio Lower Upper
 105 100
 120 50.2 25.4 76.0





#81

trans-1,4-Dichloro-2-butene

Concen: 36.066 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX006484.D

Acq: 13 Dec 2018 09:32

Instrument :

MSVOA_X

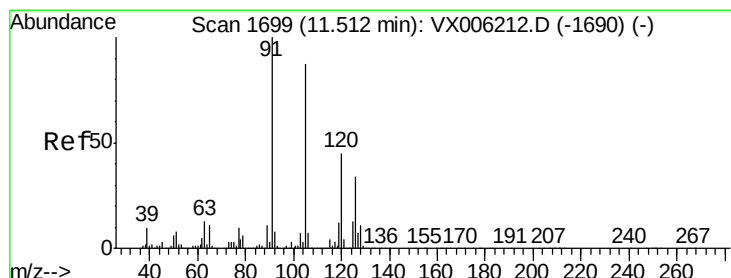
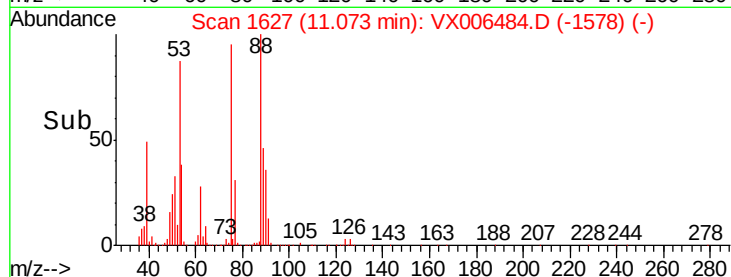
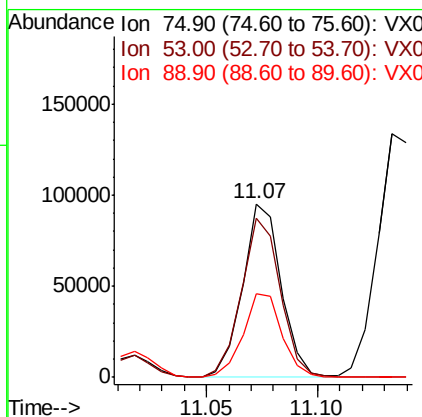
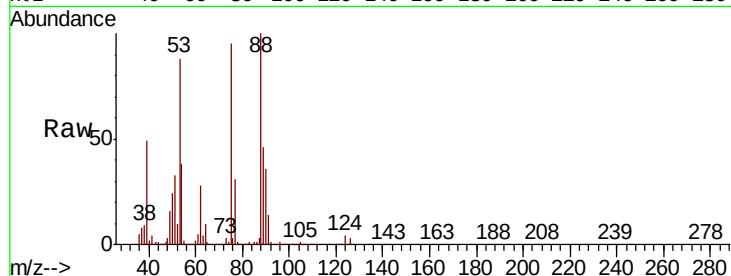
ClientSampleId :

VSTDCCC050EC

Tot Ion:	75	Resp:	114636
Ion	Ratio	Lower	Upper
75	100		
53	92.8	64.4	96.6
89	48.5	44.2	66.4

Manual Integrations
APPROVED

MMDadoda
12/13/2018 1:02:05 PM



#82

4-Chlorotoluene

Concen: 54.806 ug/l

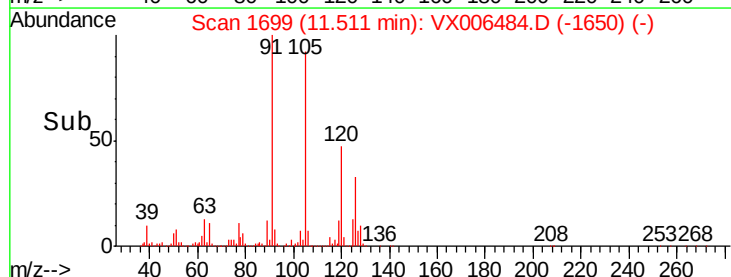
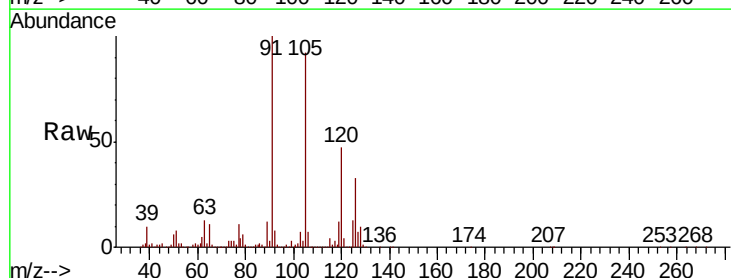
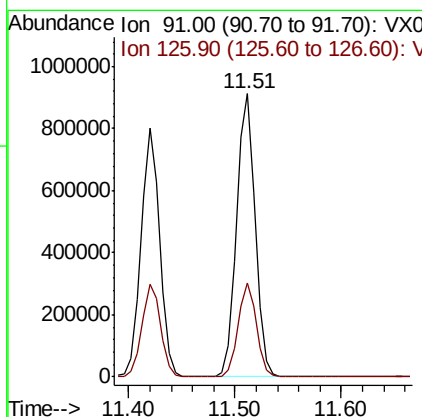
RT: 11.51 min Scan# 1699

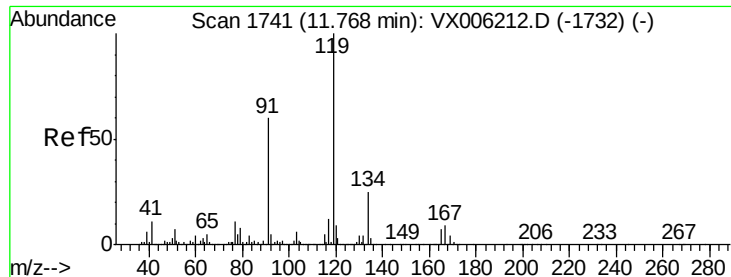
Delta R.T. -0.00 min

Lab File: VX006484.D

Acq: 13 Dec 2018 09:32

Tgt Ion:	91	Resp:	1123532
Ion	Ratio	Lower	Upper
91	100		
126	32.5	16.4	49.4





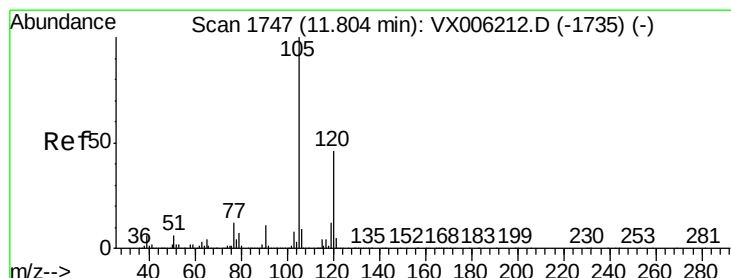
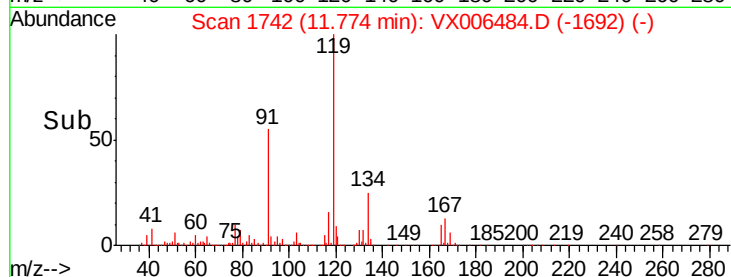
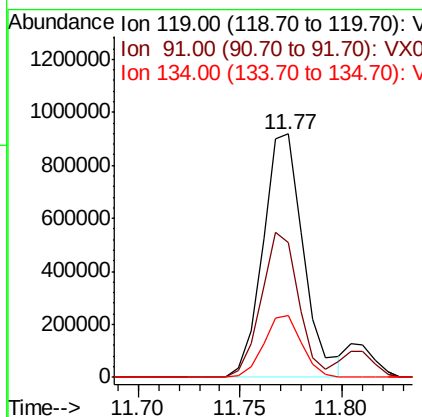
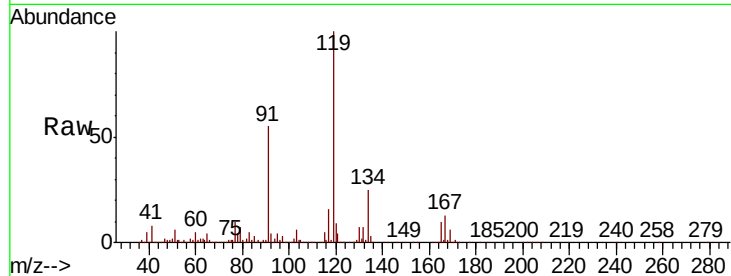
#83
 tert-Butylbenzene
 Concen: 53.672 ug/l
 RT: 11.77 min Scan# 1742
 Delta R.T. 0.01 min
 Lab File: VX006484.D
 Acq: 13 Dec 2018 09:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	54.8	26.4	79.2
134	23.9	11.6	34.7

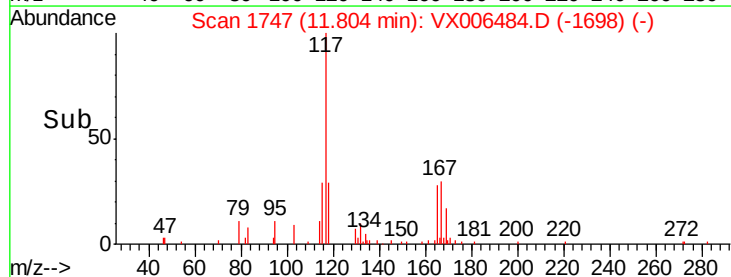
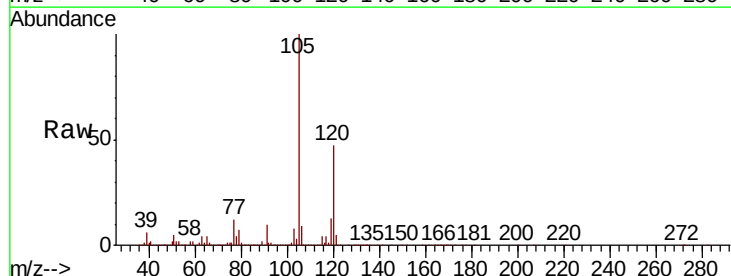
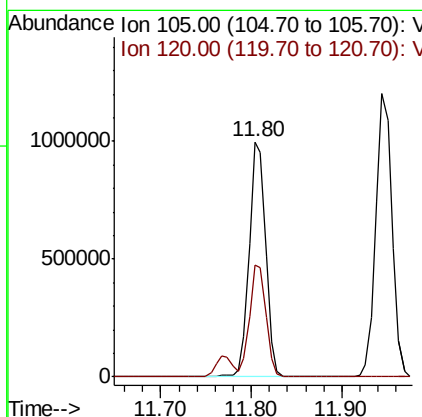
Manual Integrations
 APPROVED

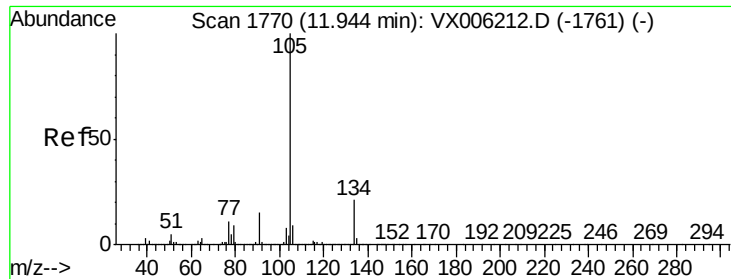
MMDadoda
 12/13/2018 1:02:05 PM



#84
 1,2,4-Trimethylbenzene
 Concen: 54.893 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX006484.D
 Acq: 13 Dec 2018 09:32

Tgt Ion	Ratio	Lower	Upper
105	100		
120	47.1	23.4	70.0





#85

sec-Butylbenzene

Concen: 55.330 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX006484.D

Acq: 13 Dec 2018 09:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 1491281

Ion Ratio Lower Upper

105 100

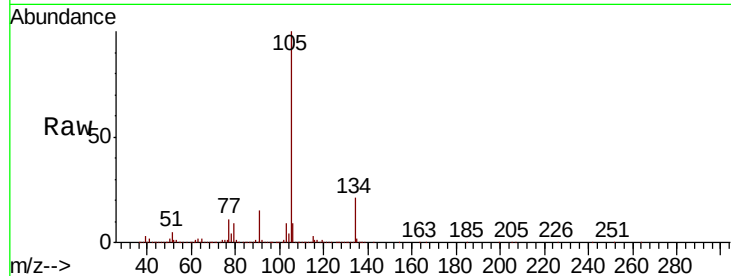
134 22.1 10.8 32.4

Manual Integrations

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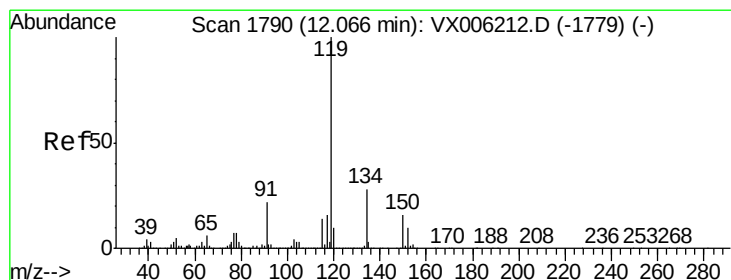
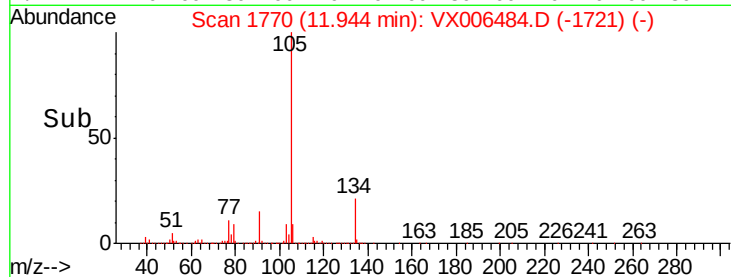
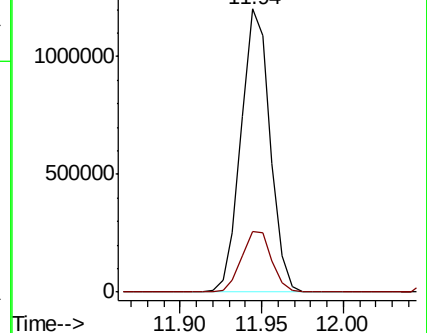
MMDadoda

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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: 55.322 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VX006484.D

Acq: 13 Dec 2018 09:32

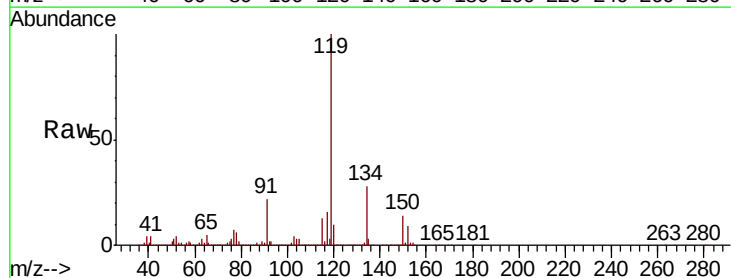
Tgt Ion:119 Resp: 1342660

Ion Ratio Lower Upper

119 100

134 27.8 13.9 41.6

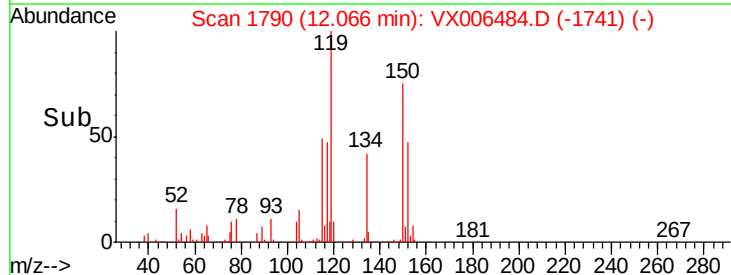
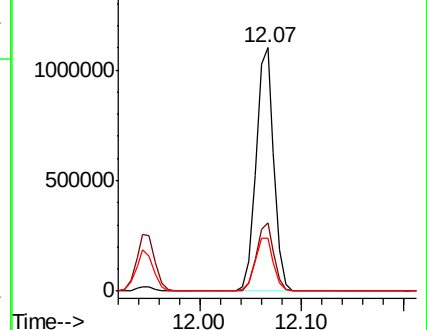
91 22.5 11.3 33.8

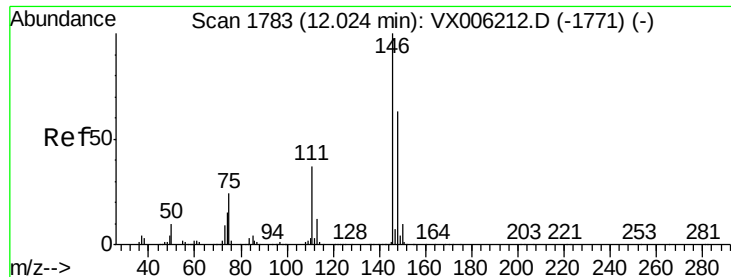


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





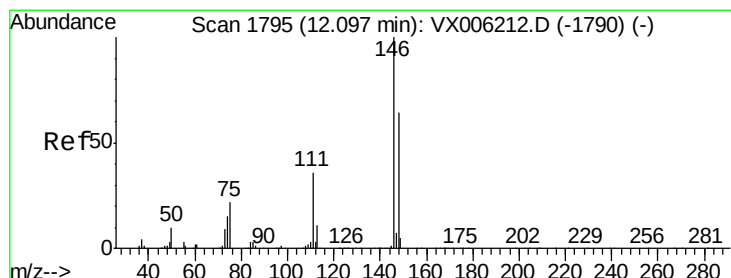
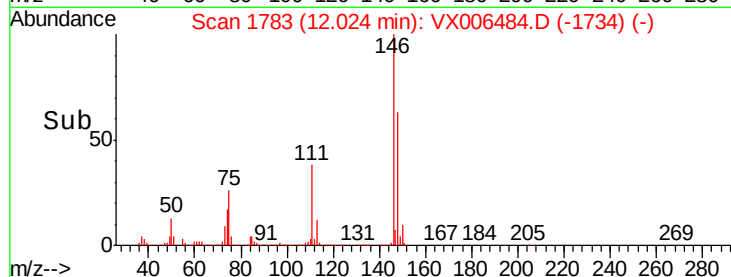
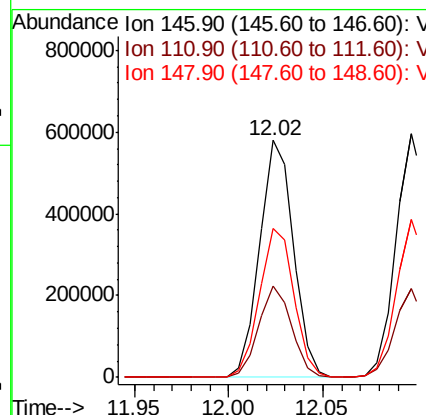
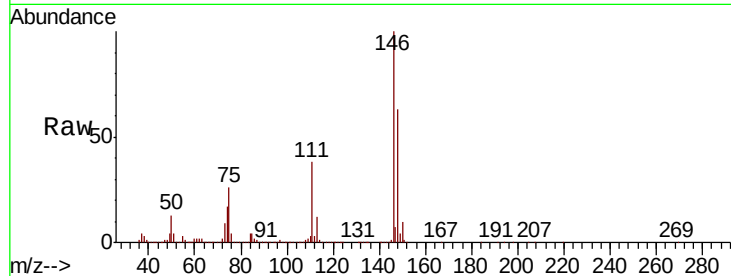
#87
 1,3-Dichlorobenzene
 Concen: 54.817 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX006484.D
 Acq: 13 Dec 2018 09:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.5	18.4	55.2
148	63.9	32.0	96.0

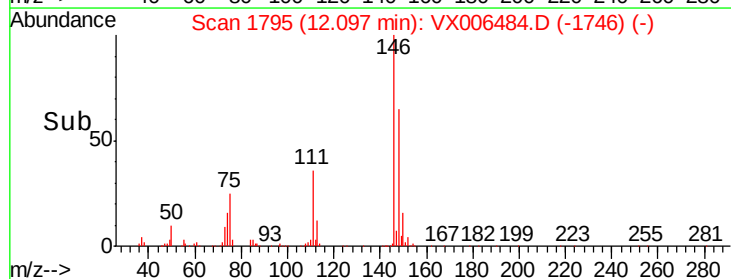
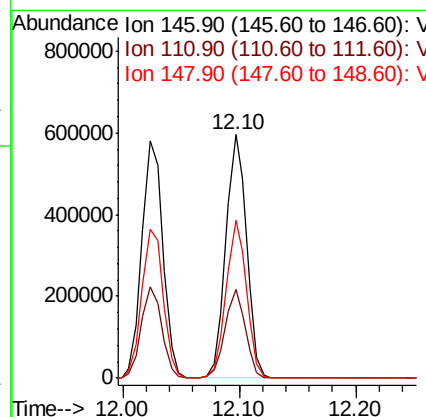
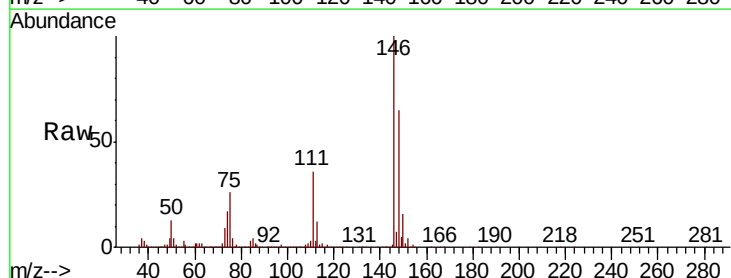
Manual Integrations
 APPROVED

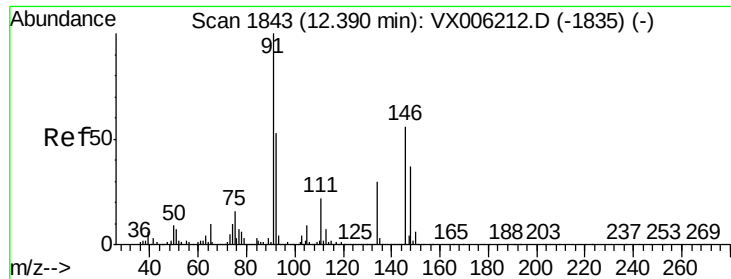
MMDadoda
 12/13/2018 1:02:05 PM



#88
 1,4-Dichlorobenzene
 Concen: 54.501 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX006484.D
 Acq: 13 Dec 2018 09:32

Tgt Ion	Ratio	Lower	Upper
146	100		
111	35.8	18.3	54.8
148	63.9	31.9	95.9





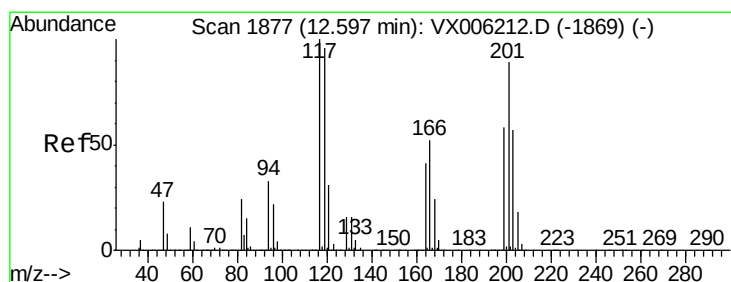
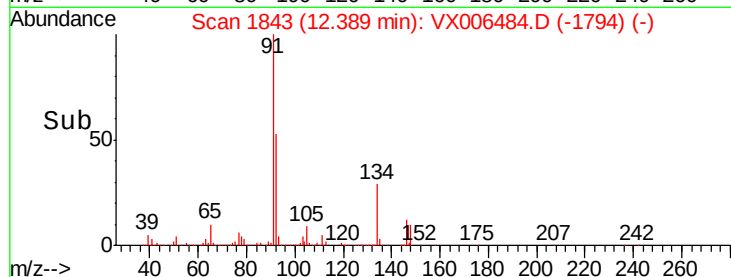
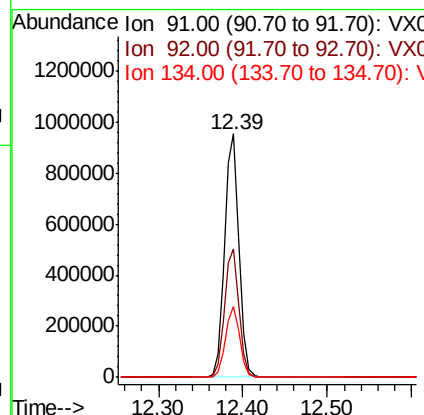
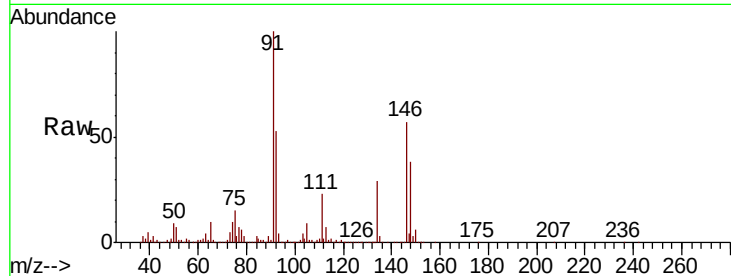
#89
n-Butylbenzene
Concen: 54.005 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX006484.D
Acq: 13 Dec 2018 09:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 1118331
Ion Ratio Lower Upper
91 100
92 53.4 26.6 79.8
134 29.1 14.8 44.3

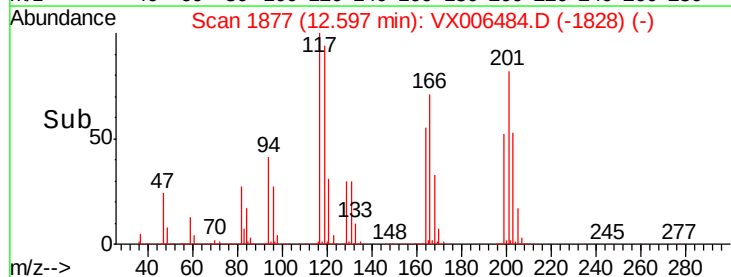
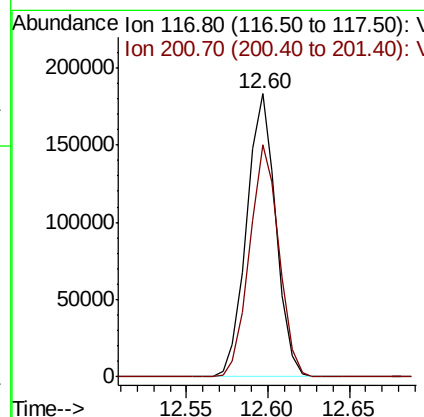
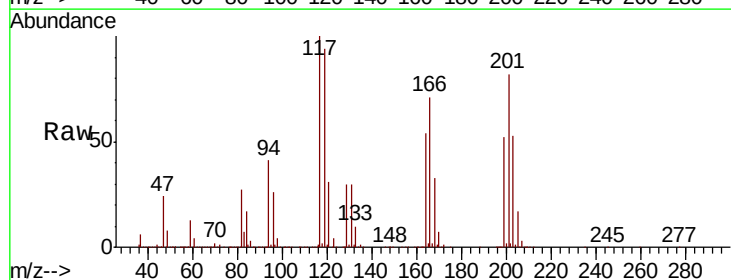
Manual Integrations
APPROVED

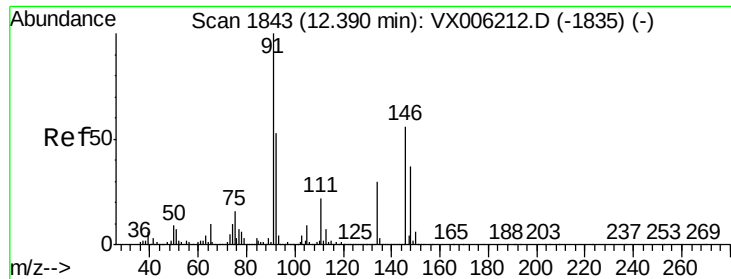
MMDadoda
12/13/2018 1:02:05 PM



#90
Hexachloroethane
Concen: 46.326 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX006484.D
Acq: 13 Dec 2018 09:32

Tgt Ion: 117 Resp: 229147
Ion Ratio Lower Upper
117 100
201 82.7 44.7 134.1





#91

1,2-Dichlorobenzene

Concen: 54.354 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX006484.D

Acq: 13 Dec 2018 09:32

Instrument :

MSVOA_X

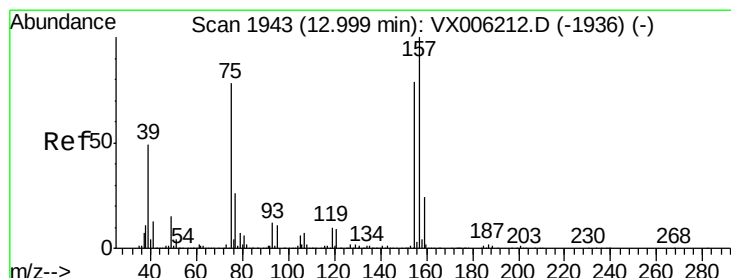
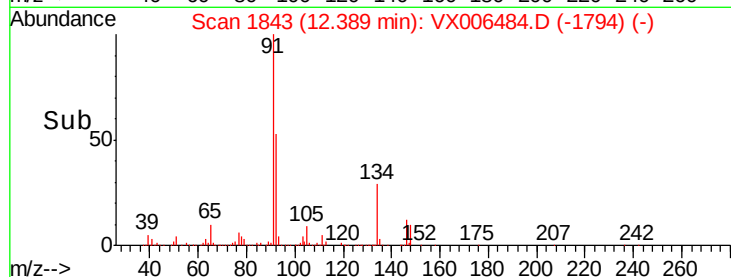
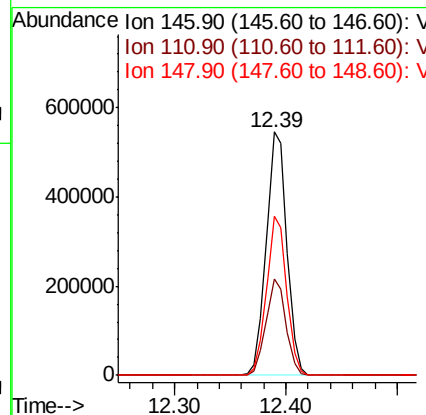
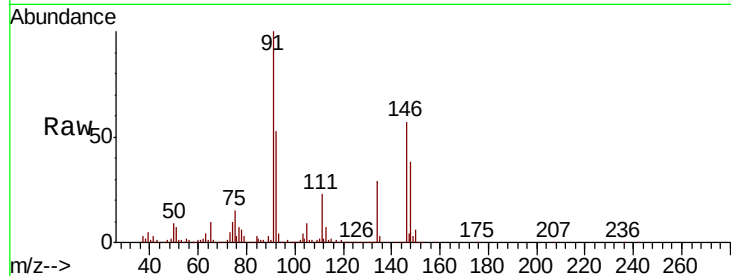
ClientSampleId :

VSTDCCC050EC

Tot Ion:	146	Resp:	710902
Ion Ratio	Lower	Upper	
146	100		
111	38.4	19.1	57.3
148	63.9	32.1	96.3

Manual Integrations
APPROVED

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12/13/2018 1:02:05 PM



#92

1,2-Dibromo-3-Chloropropane

Concen: 45.445 ug/l

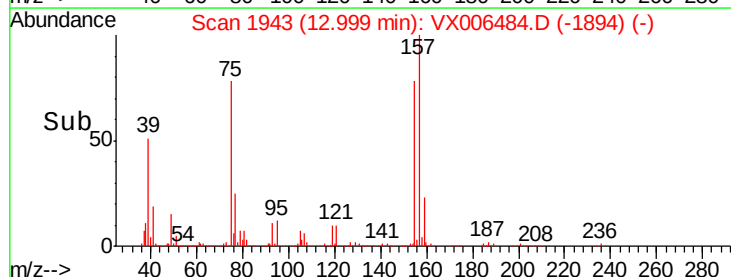
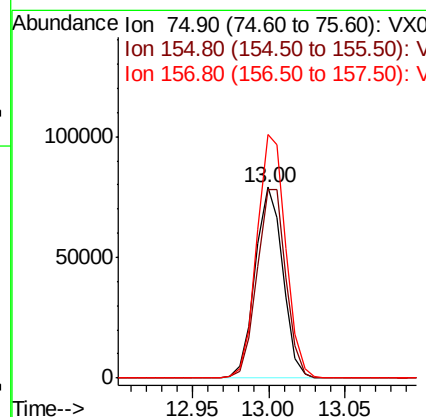
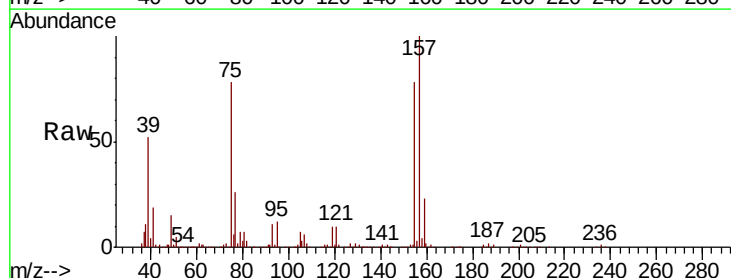
RT: 13.00 min Scan# 1943

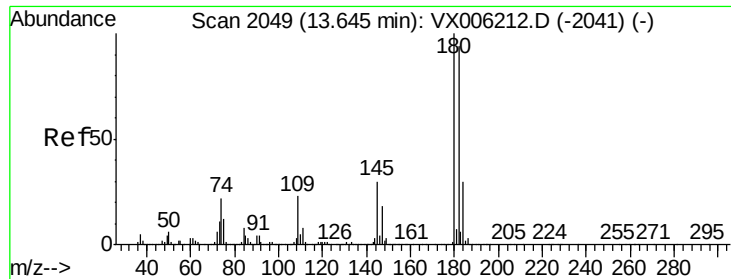
Delta R.T. -0.00 min

Lab File: VX006484.D

Acq: 13 Dec 2018 09:32

Tgt Ion:	75	Resp:	99462
Ion Ratio	Lower	Upper	
75	100		
155	102.9	53.4	160.3
157	132.6	68.0	203.8





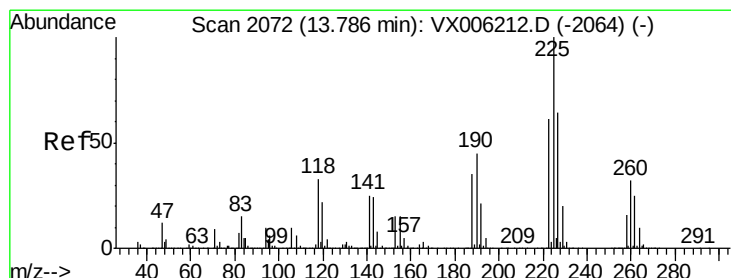
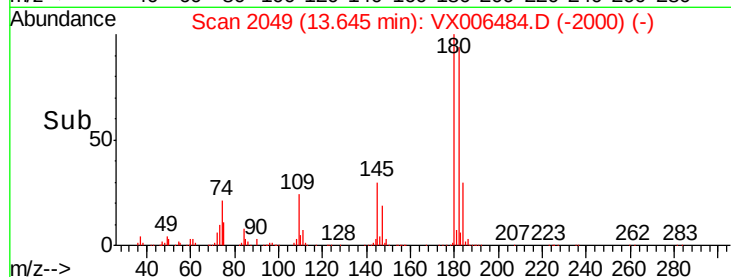
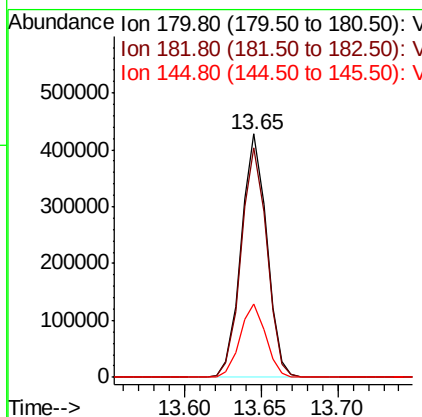
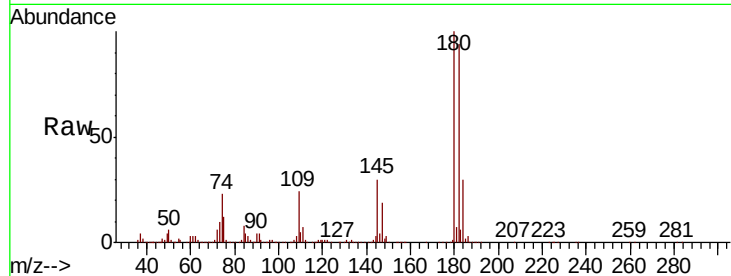
#93
1,2,4-Trichlorobenzene
Concen: 51.996 ug/l
RT: 13.65 min Scan# 2049
Delta R.T. -0.00 min
Lab File: VX006484.D
Acq: 13 Dec 2018 09:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	496140		
182	95.1	47.3	141.9	
145	30.0	14.6	43.8	

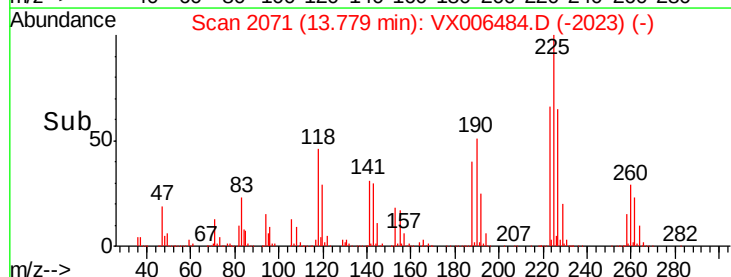
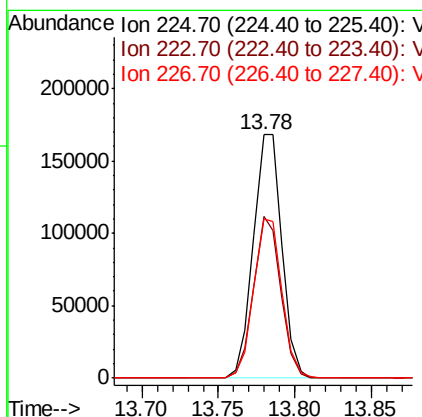
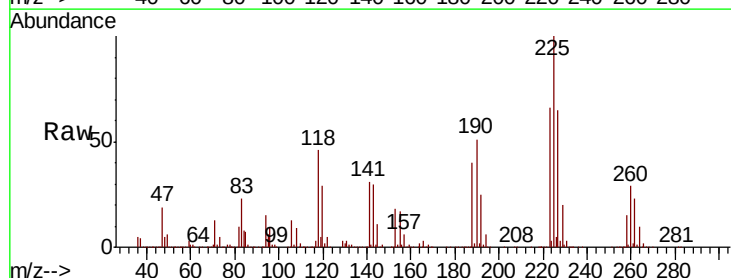
Manual Integrations
APPROVED

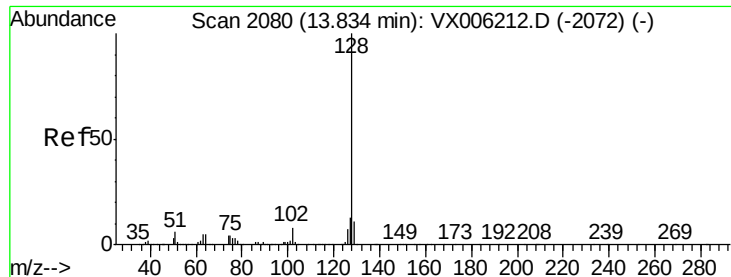
MMDadoda
12/13/2018 1:02:05 PM



#94
Hexachlorobutadiene
Concen: 51.813 ug/l
RT: 13.78 min Scan# 2071
Delta R.T. -0.01 min
Lab File: VX006484.D
Acq: 13 Dec 2018 09:32

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	218645		
223	63.1	31.2	93.6	
227	64.6	31.9	95.5	





#95

Naphthalene

Concen: 54.600 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX006484.D

Acq: 13 Dec 2018 09:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:128 Resp: 1620614

Ion Ratio Lower Upper

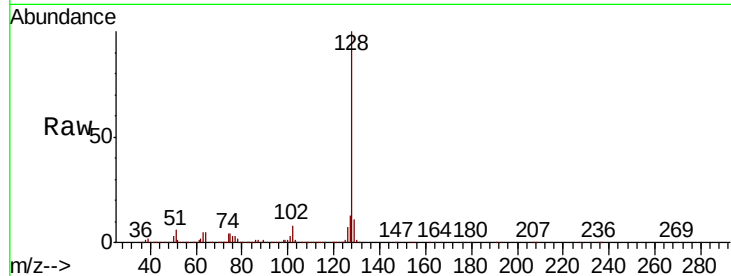
128 100

127 13.0 10.2 15.4

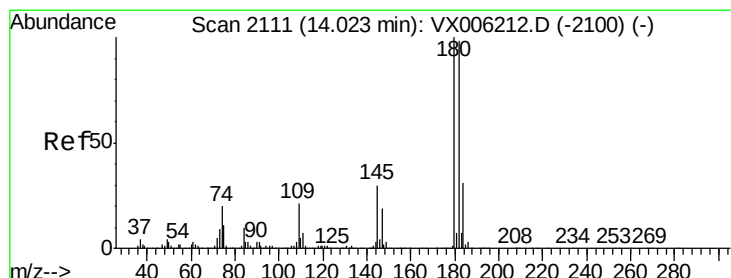
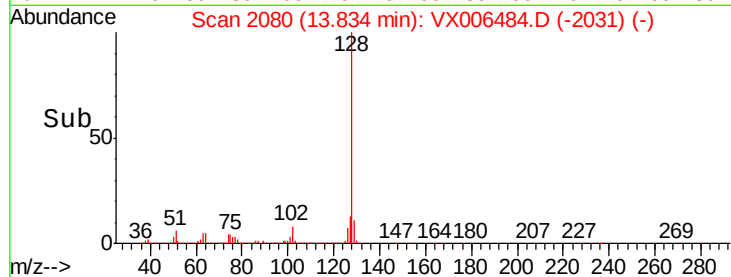
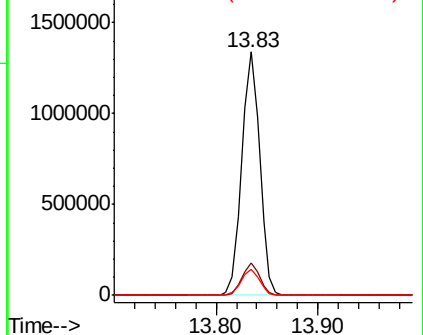
129 10.8 8.9 13.3

Manual Integrations
APPROVED

MMDadoda
12/13/2018 1:02:05 PM



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 53.491 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.01 min

Lab File: VX006484.D

Acq: 13 Dec 2018 09:32

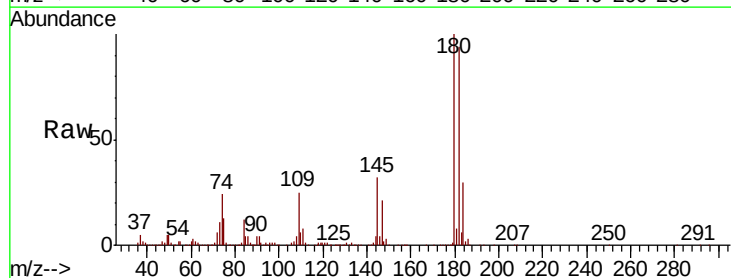
Tgt Ion:180 Resp: 505545

Ion Ratio Lower Upper

180 100

182 95.2 48.4 145.2

145 31.9 15.6 46.8



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

