

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121318\
 Data File : VX006486.D
 Acq On : 13 Dec 2018 10:41
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 12/14/2018 9:34:54 AM

Quant Time: Dec 14 00:25:20 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 30 03:55:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	540306	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	827704	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	773592	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	407711	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	289070	52.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.82%	
35) Dibromofluoromethane	5.50	113	268339	50.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.14%	
50) Toluene-d8	8.71	98	986244	50.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.18%	
62) 4-Bromofluorobenzene	11.13	95	387899	52.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.62%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	279448	52.822	ug/l	99
3) Chloromethane	1.33	50	283222	52.096	ug/l	99
4) Vinyl Chloride	1.41	62	309020	52.814	ug/l	95
5) Bromomethane	1.64	94	292008	72.011	ug/l	98
6) Chloroethane	1.72	64	193048	53.811	ug/l	99
7) Trichlorofluoromethane	1.93	101	480069	53.450	ug/l	98
8) Diethyl Ether	2.19	74	181023	53.254	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	2.39	101	293008	57.373	ug/l	99
10) Methyl Iodide	2.51	142	456276	59.283	ug/l	99
11) Tert butyl alcohol	3.07	59	343578	227.775	ug/l	100
12) 1,1-Dichloroethene	2.37	96	265205	54.245	ug/l	93
13) Acrolein	2.29	56	223416	270.991	ug/l	98
14) Allyl chloride	2.73	41	447260	46.311	ug/l	98
15) Acrylonitrile	3.15	53	766373	243.472	ug/l	99
16) Acetone	2.45	43	729738	281.920	ug/l	96
17) Carbon Disulfide	2.57	76	708029	46.998	ug/l	99
18) Methyl Acetate	2.78	43	414508	47.885	ug/l	94
19) Methyl tert-butyl Ether	3.20	73	894687	51.298	ug/l	98
20) Methylene Chloride	2.86	84	295628	53.664	ug/l	92
21) trans-1,2-Dichloroethene	3.17	96	284329	54.573	ug/l	94
22) Diisopropyl ether	3.87	45	815358	54.051	ug/l	95
23) Vinyl Acetate	3.82	43	3521549	273.704	ug/l	98
24) 1,1-Dichloroethane	3.70	63	494772	57.383	ug/l	98
25) 2-Butanone	4.70	43	988322	267.594	ug/l	99
26) 2,2-Dichloropropane	4.59	77	410693	51.612	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	325304	55.976	ug/l	98
28) Bromochloromethane	5.02	49	198264	52.644	ug/l	100
29) Tetrahydrofuran	5.15	42	645301	251.395	ug/l	98
30) Chloroform	5.21	83	509027	56.179	ug/l	99
31) Cyclohexane	5.57	56	445069	55.855	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	451804	52.407	ug/l	99
36) 1,1-Dichloropropene	5.80	75	379267	54.413	ug/l	100
37) Ethyl Acetate	4.85	43	380313	48.723	ug/l	99
38) Carbon Tetrachloride	5.78	117	403337	49.189	ug/l	99

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	522606	57.763	ug/l	96
40) Benzene	6.14	78	1146643	54.926	ug/l	98
41) Methacrylonitrile	5.06	41	208901	48.637	ug/l	98
42) 1,2-Dichloroethane	6.20	62	377863	55.305	ug/l	100
43) Isopropyl Acetate	6.46	43	613204	47.118	ug/l	99
44) Trichloroethene	7.21	130	345681	54.659	ug/l	98
45) 1,2-Dichloropropane	7.51	63	271412	51.155	ug/l	98
46) Dibromomethane	7.66	93	205562	53.645	ug/l	96
47) Bromodichloromethane	7.90	83	364897	49.174	ug/l	98
48) Methyl methacrylate	7.77	41	314691	49.704	ug/l	97
49) 1,4-Dioxane	7.75	88	159239	1020.479	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	1922623	253.773	ug/l	98
52) Toluene	8.79	92	765973	55.771	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	420278	48.428	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	458939	50.928	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	308570	55.303	ug/l	98
56) Ethyl methacrylate	9.18	69	468014	53.654	ug/l	96
57) 1,3-Dichloropropane	9.37	76	491234	55.676	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	1068826	241.467	ug/l	99
59) 2-Hexanone	9.49	43	1482201	256.073	ug/l	99
60) Dibromochloromethane	9.59	129	332039	48.260	ug/l	98
61) 1,2-Dibromoethane	9.67	107	337489	54.094	ug/l	99
64) Tetrachloroethene	9.34	164	316126	54.263	ug/l	97
65) Chlorobenzene	10.14	112	906418	55.197	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	315889	49.509	ug/l	99
67) Ethyl Benzene	10.25	91	1490640	54.577	ug/l	99
68) m/p-Xylenes	10.36	106	1204869	110.128	ug/l	99
69) o-Xylene	10.70	106	585257	54.157	ug/l	100
70) Styrene	10.71	104	948312	54.256	ug/l	99
71) Bromoform	10.86	173	251630	41.778	ug/l #	100
73) Isopropylbenzene	11.02	105	1545572	54.893	ug/l	100
74) N-amyl acetate	10.90	43	573897	47.333	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	460273	51.098	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	432740m	54.990	ug/l	
77) Bromobenzene	11.26	156	418120	53.511	ug/l	98
78) n-propylbenzene	11.36	91	1740714	55.617	ug/l	99
79) 2-Chlorotoluene	11.42	91	1024727	55.086	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	1303358	55.636	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	140276	41.831	ug/l	91
82) 4-Chlorotoluene	11.51	91	1191306	55.081	ug/l	100
83) tert-Butylbenzene	11.77	119	1357063	54.293	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	1334624	55.172	ug/l	100
85) sec-Butylbenzene	11.94	105	1606809	56.507	ug/l	100
86) p-Isopropyltoluene	12.06	119	1451075	56.671	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	771596	55.496	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	766169	54.293	ug/l	100
89) n-Butylbenzene	12.39	91	1252574	57.332	ug/l	100
90) Hexachloroethane	12.60	117	237796	45.567	ug/l	94
91) 1,2-Dichlorobenzene	12.39	146	741310	53.723	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	97451	42.204	ug/l	96

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ClientSampleId :
VSTDCCC050

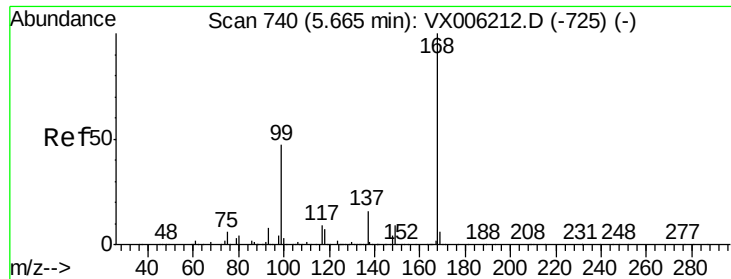
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	538236	53.465	ug/l	99
94) Hexachlorobutadiene	13.78	225	253197	56.872	ug/l	100
95) Naphthalene	13.83	128	1637107	52.279	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	533210	53.475	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX006486.D

Acq: 13 Dec 2018 10:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 540306

Ion Ratio Lower Upper

168 100

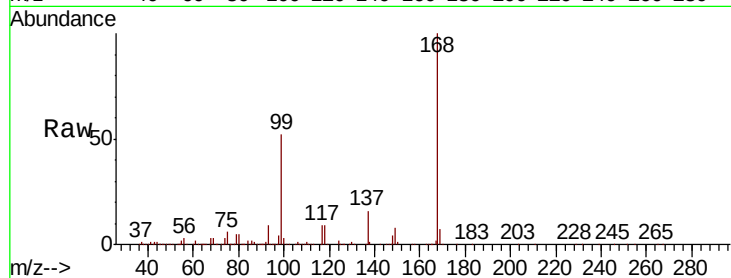
99 51.9 37.8 56.8

Manual Integrations

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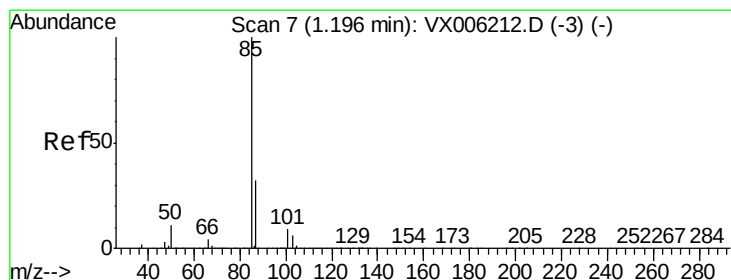
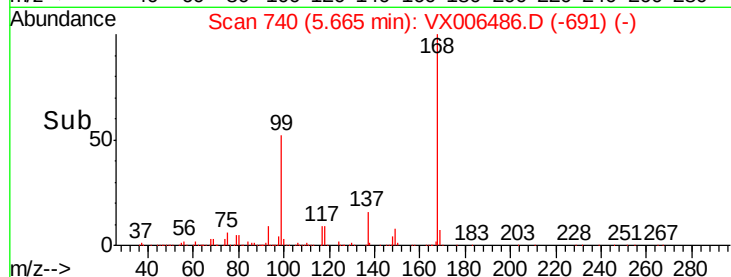
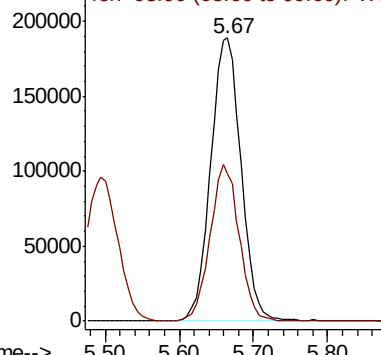
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 52.822 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX006486.D

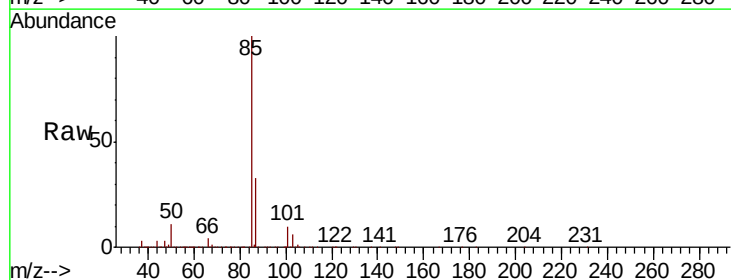
Acq: 13 Dec 2018 10:41

Tgt Ion: 85 Resp: 279448

Ion Ratio Lower Upper

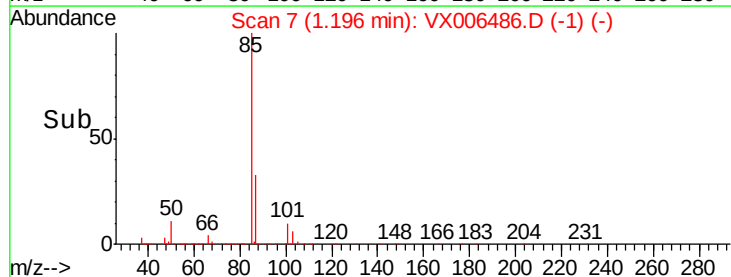
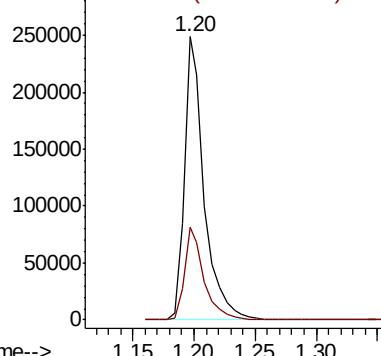
85 100

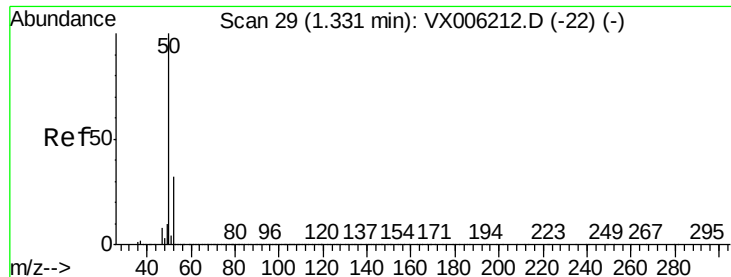
87 32.7 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 52.096 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.00 min

Lab File: VX006486.D

Acq: 13 Dec 2018 10:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 283222

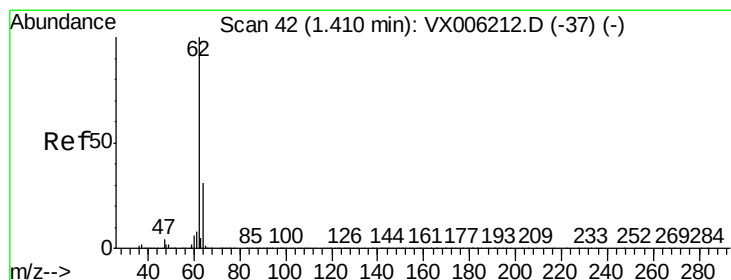
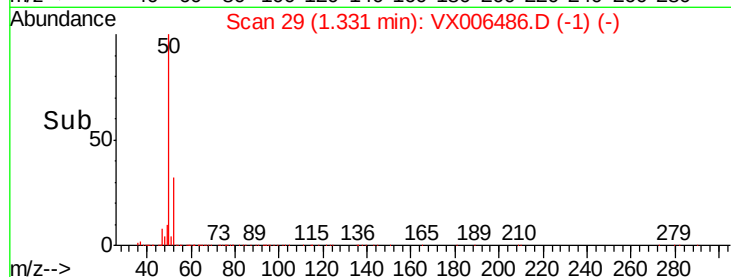
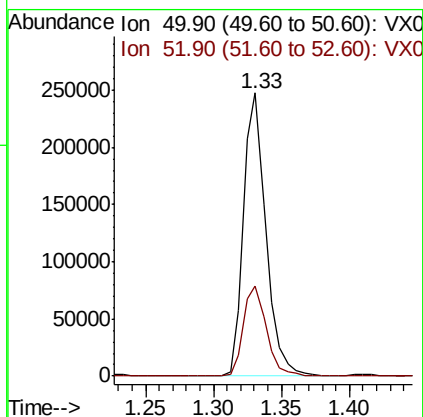
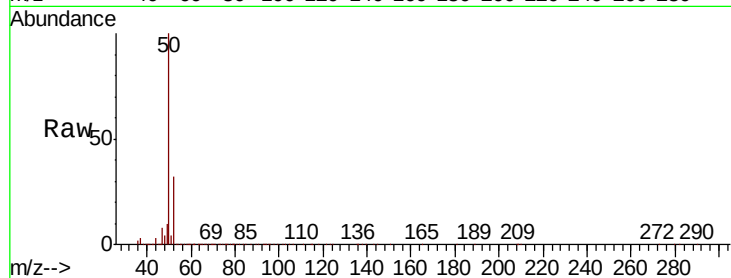
Ion Ratio Lower Upper

50 100

52 31.9 25.2 37.8

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#4

Vinyl Chloride

Concen: 52.814 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX006486.D

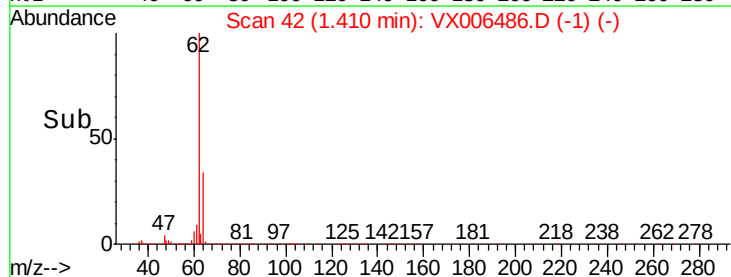
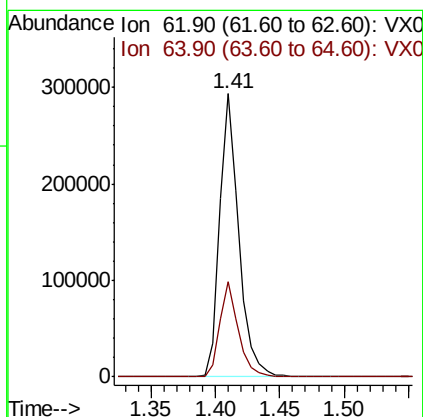
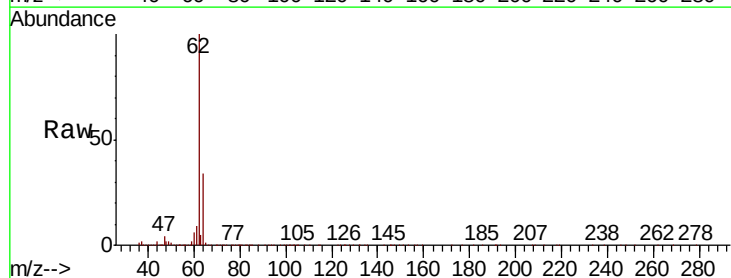
Acq: 13 Dec 2018 10:41

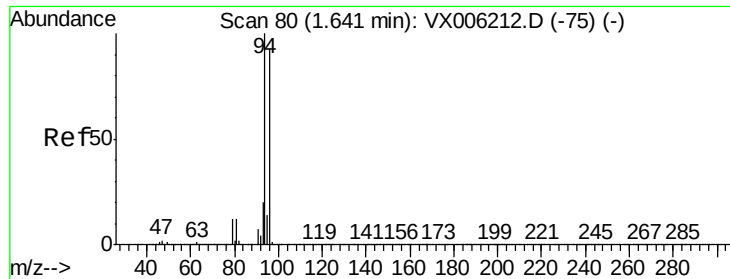
Tgt Ion: 62 Resp: 309020

Ion Ratio Lower Upper

62 100

64 33.7 24.9 37.3





#5

Bromomethane

Concen: 72.011 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX006486.D

Acq: 13 Dec 2018 10:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 292008

Ion Ratio Lower Upper

94 100

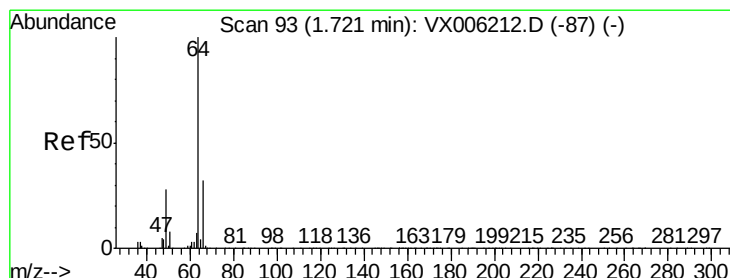
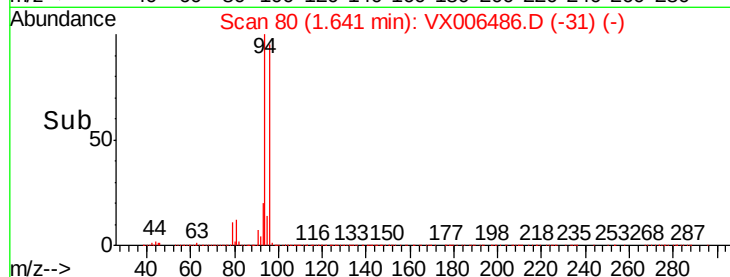
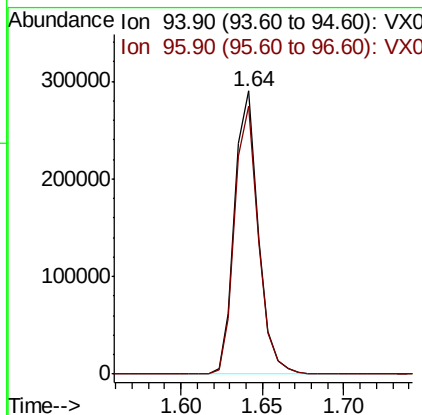
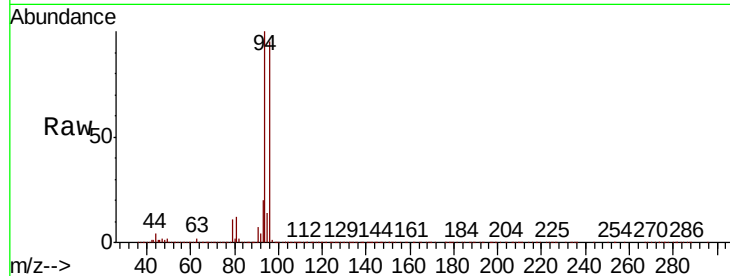
96 94.8 74.5 111.7

Manual Integrations

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#6

Chloroethane

Concen: 53.811 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.00 min

Lab File: VX006486.D

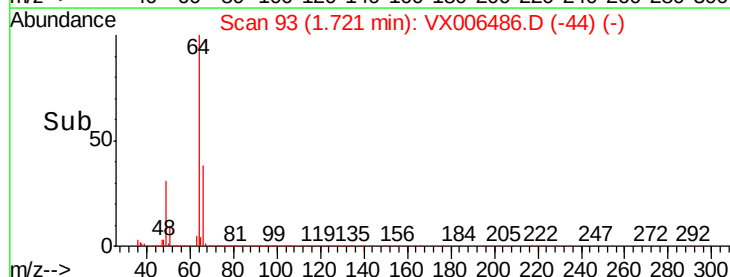
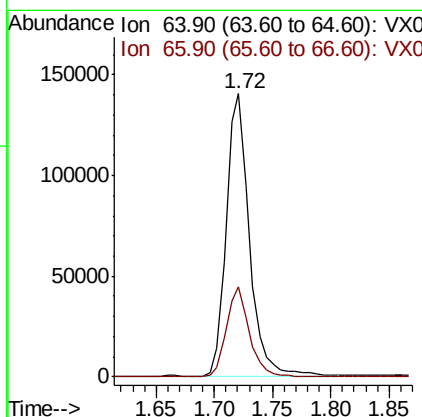
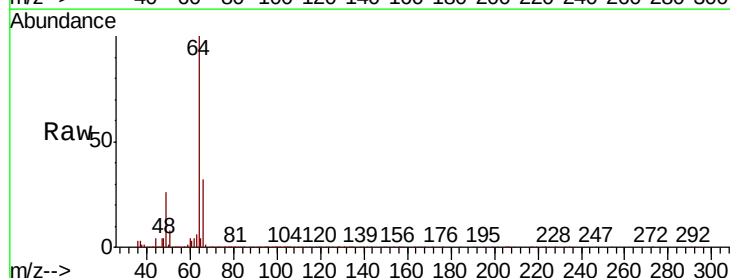
Acq: 13 Dec 2018 10:41

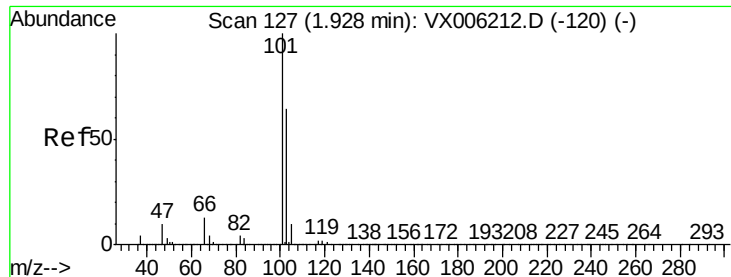
Tgt Ion: 64 Resp: 193048

Ion Ratio Lower Upper

64 100

66 31.6 25.9 38.9





#7

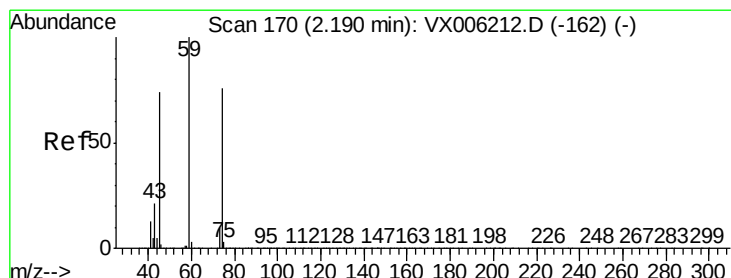
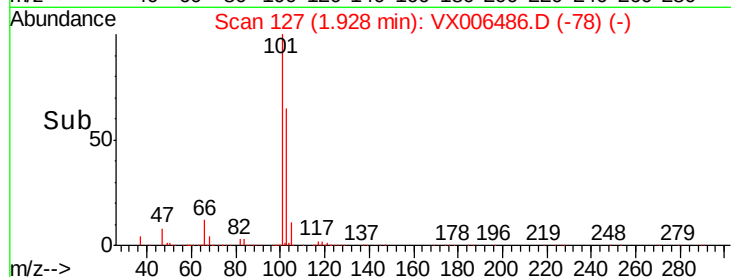
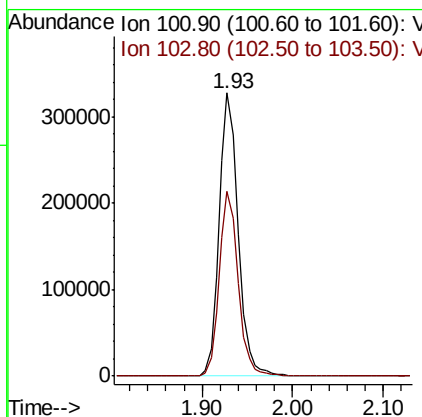
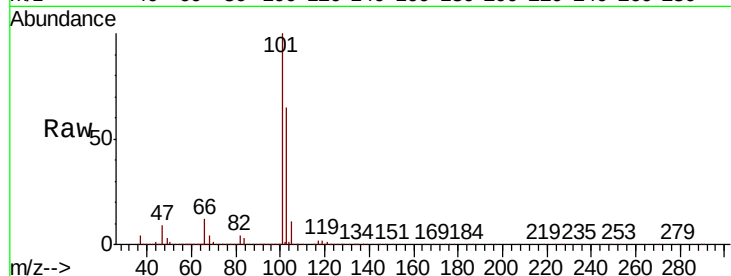
Trichlorofluoromethane
Concen: 53.450 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.00 min
Lab File: VX006486.D
Acq: 13 Dec 2018 10:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.4	51.0	76.4

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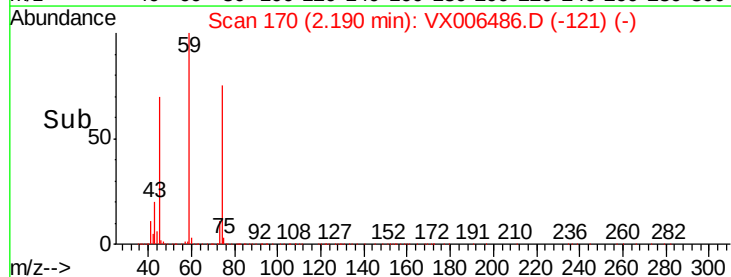
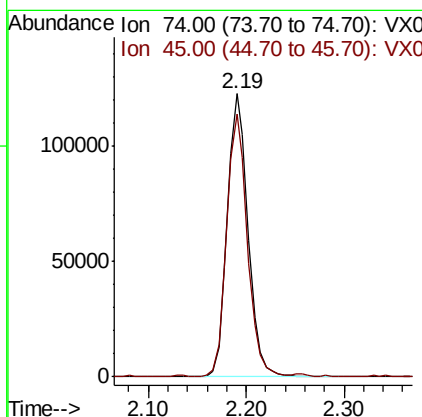
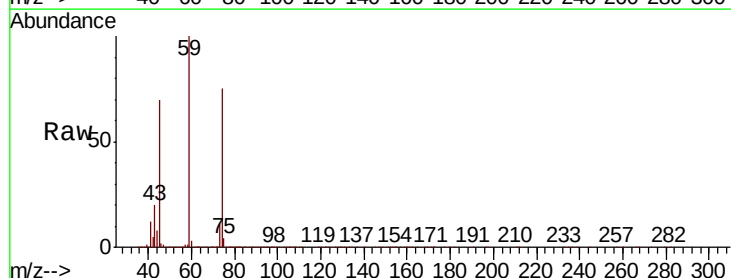
MMDadoda
12/14/2018 9:34:54 AM

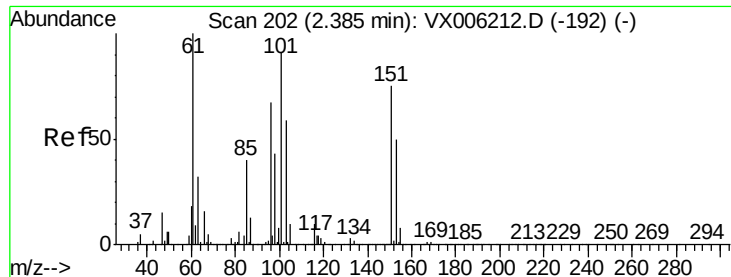


#8

Diethyl Ether
Concen: 53.254 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX006486.D
Acq: 13 Dec 2018 10:41

Tgt Ion	Ratio	Lower	Upper
74	100		
45	91.7	49.5	148.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 57.373 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.00 min

Lab File: VX006486.D

Acq: 13 Dec 2018 10:41

Instrument :

MSVOA_X

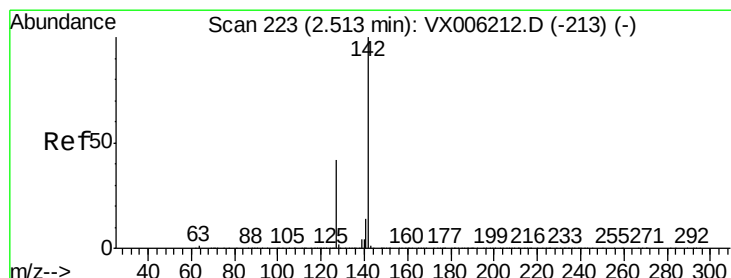
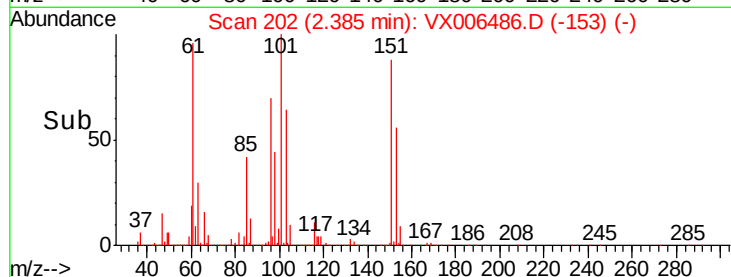
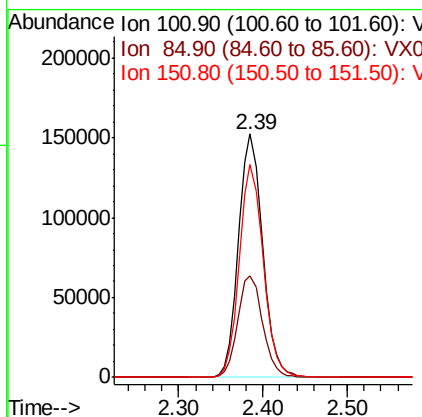
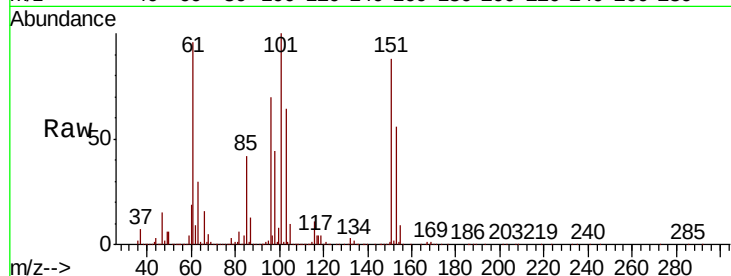
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	293008
Ion Ratio	Lower	Upper	
101	100		
85	43.0	35.5	53.3
151	86.8	68.6	103.0

Manual Integrations
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#10

Methyl Iodide

Concen: 59.283 ug/l

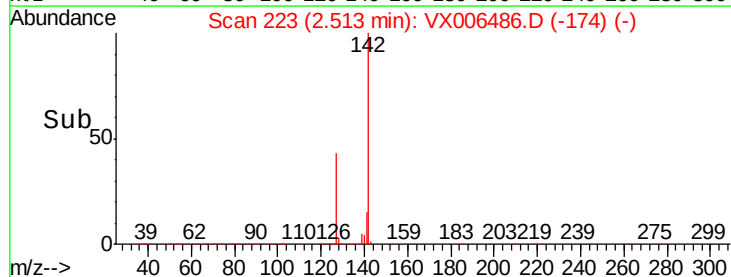
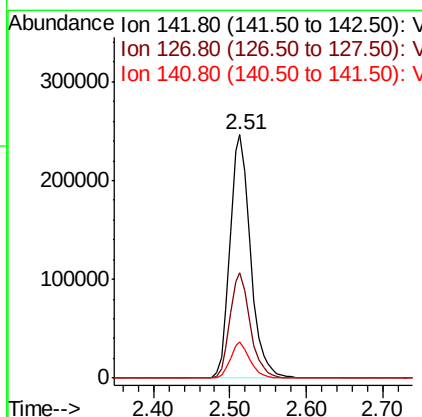
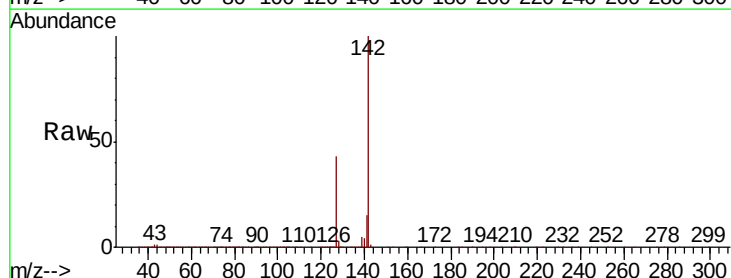
RT: 2.51 min Scan# 223

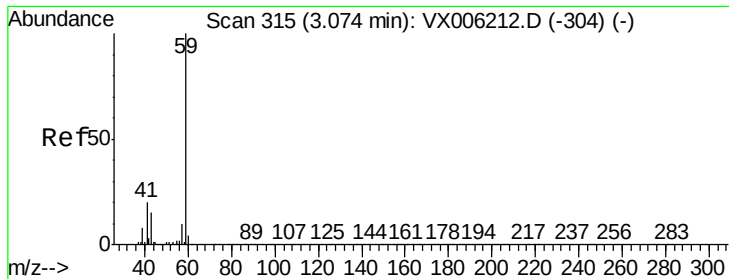
Delta R.T. 0.00 min

Lab File: VX006486.D

Acq: 13 Dec 2018 10:41

Tgt Ion:	142	Resp:	456276
Ion Ratio	Lower	Upper	
142	100		
127	42.9	34.8	52.2
141	14.3	11.4	17.2





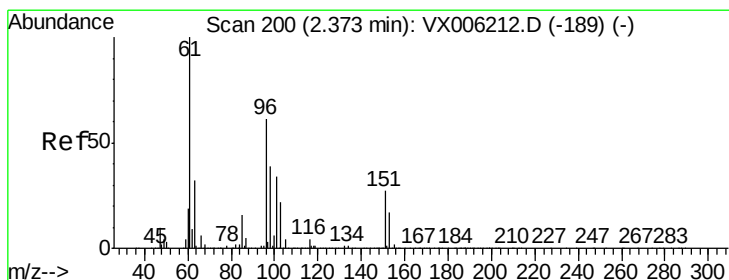
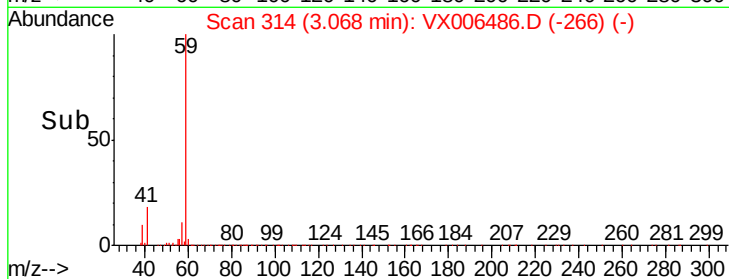
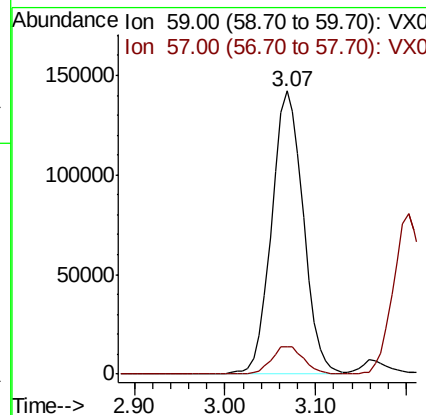
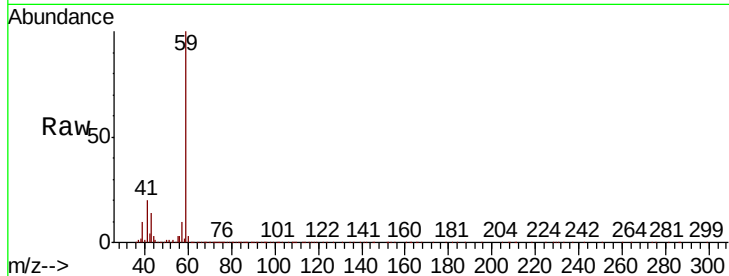
#11
Tert butyl alcohol
Concen: 227.775 ug/l
RT: 3.07 min Scan# 314
Delta R.T. -0.01 min
Lab File: VX006486.D
Acq: 13 Dec 2018 10:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.2	8.2	12.2

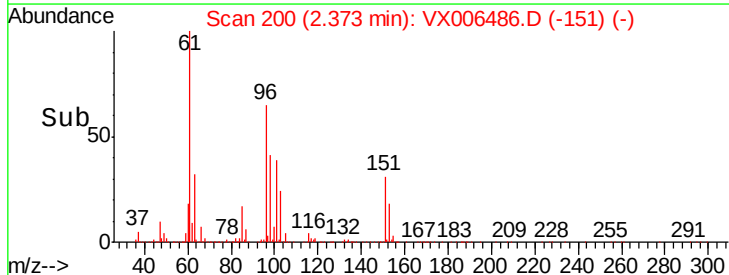
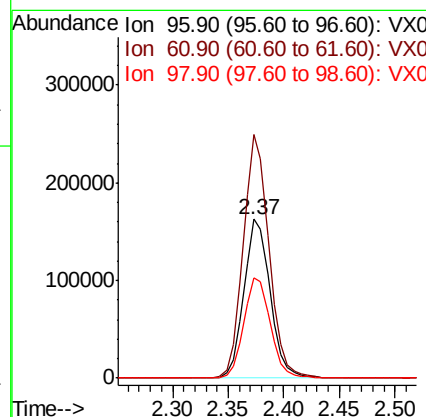
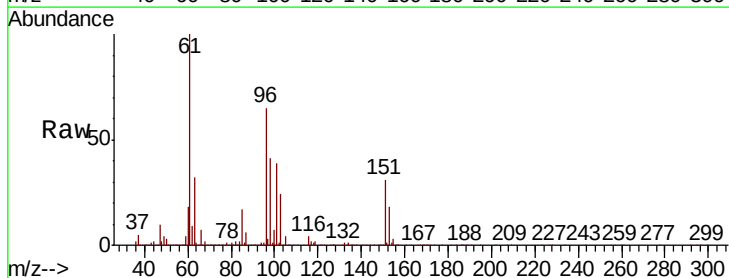
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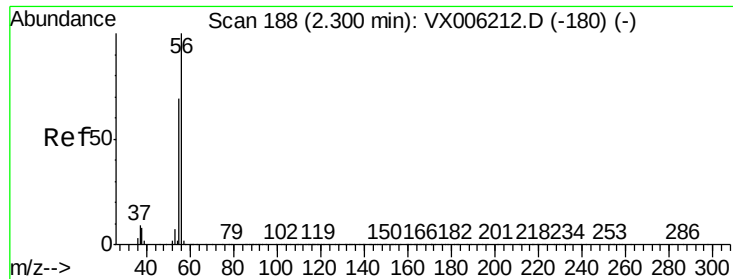
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#12
1,1-Dichloroethene
Concen: 54.245 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.00 min
Lab File: VX006486.D
Acq: 13 Dec 2018 10:41

Tgt Ion	Ratio	Lower	Upper
96	100		
61	153.0	131.7	197.5
98	63.0	51.8	77.6





#13

Acrolein

Concen: 270.991 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.01 min

Lab File: VX006486.D

Acq: 13 Dec 2018 10:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 223416

Ion Ratio Lower Upper

56 100

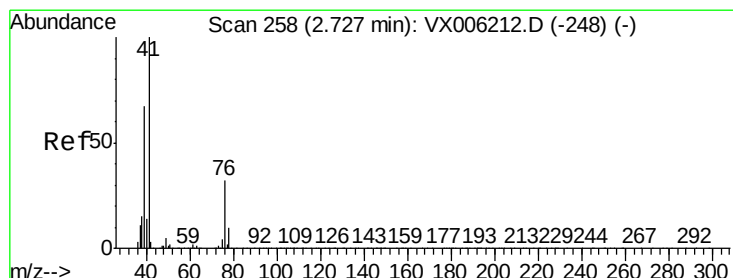
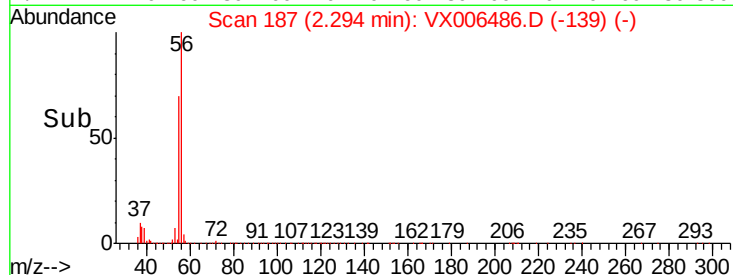
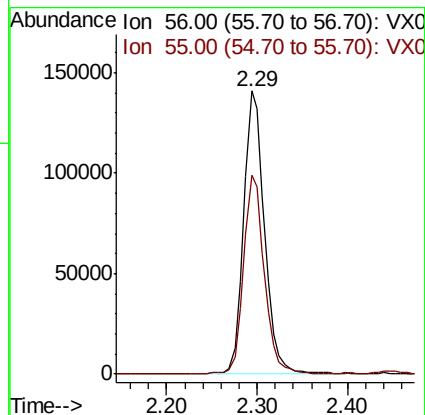
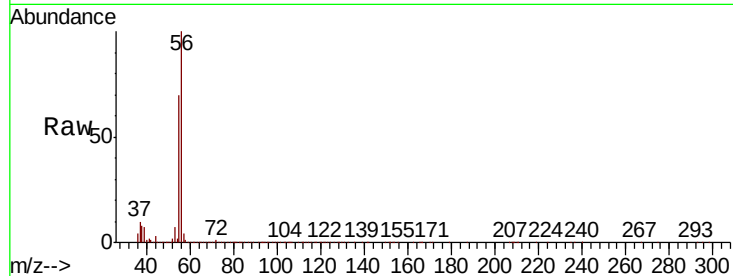
55 70.2 57.8 86.6

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#14

Allyl chloride

Concen: 46.311 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX006486.D

Acq: 13 Dec 2018 10:41

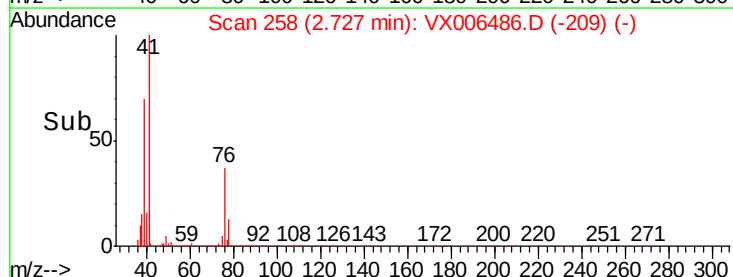
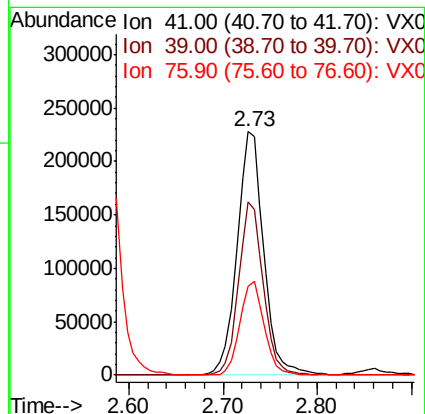
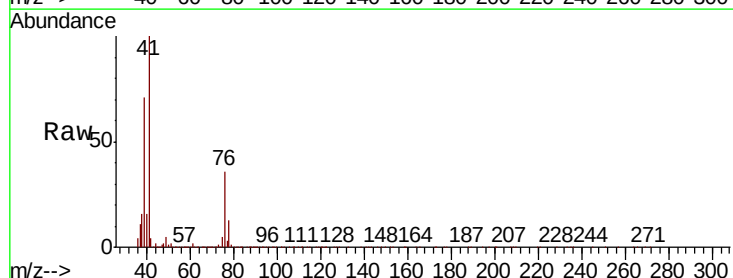
Tgt Ion: 41 Resp: 447260

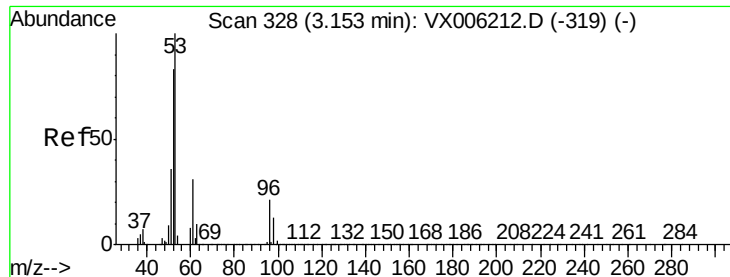
Ion Ratio Lower Upper

41 100

39 65.4 52.4 78.6

76 35.1 25.4 38.0





#15

Acrylonitrile

Concen: 243.472 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.01 min

Lab File: VX006486.D

Acq: 13 Dec 2018 10:41

Instrument :

MSVOA_X

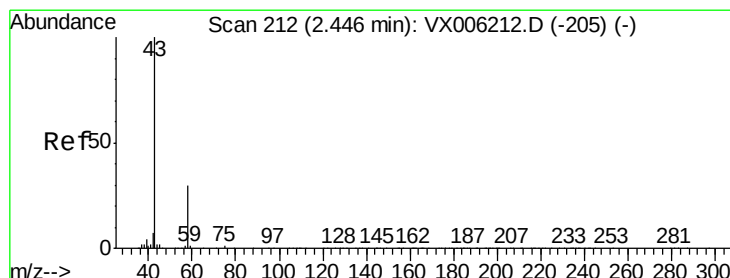
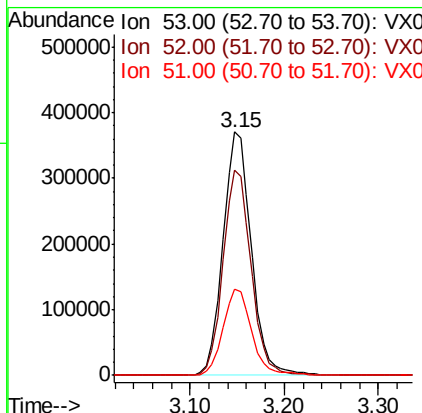
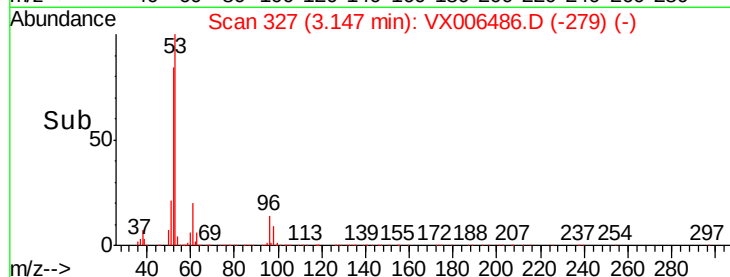
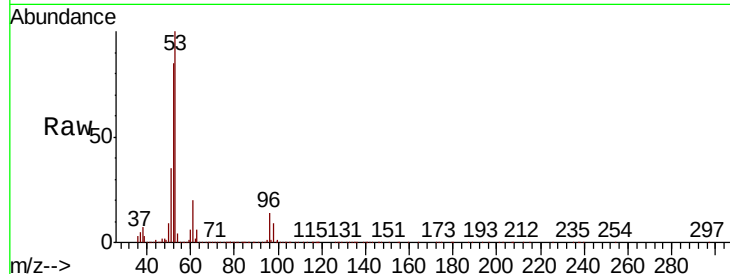
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	766373
Ion Ratio		Lower	Upper
53	100		
52	83.5	66.2	99.4
51	35.8	28.7	43.1

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#16

Acetone

Concen: 281.920 ug/l

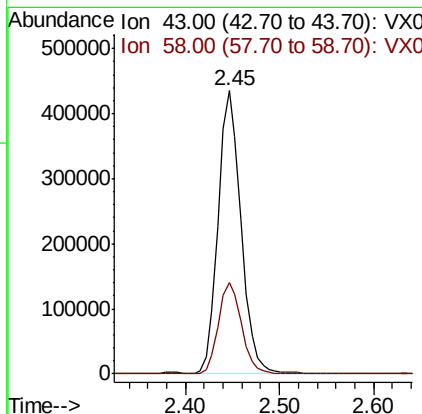
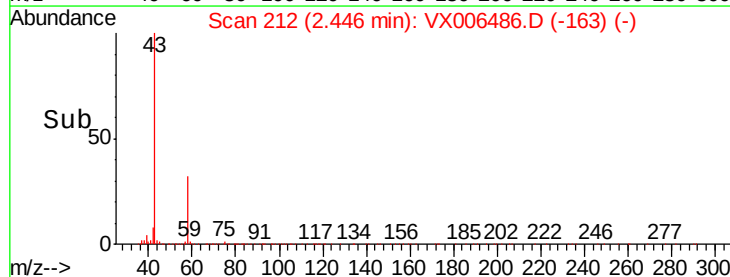
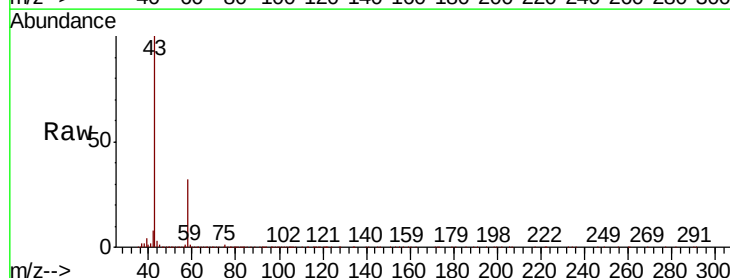
RT: 2.45 min Scan# 212

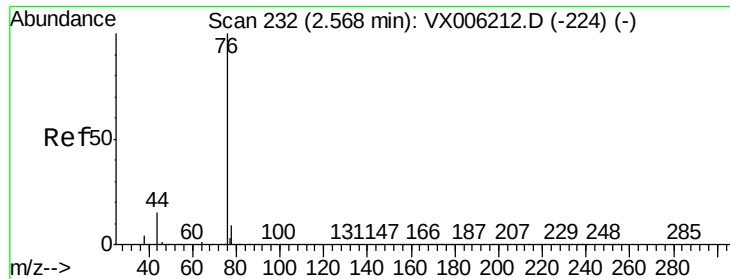
Delta R.T. 0.00 min

Lab File: VX006486.D

Acq: 13 Dec 2018 10:41

Tgt Ion:	43	Resp:	729738
Ion Ratio		Lower	Upper
43	100		
58	32.3	24.0	36.0





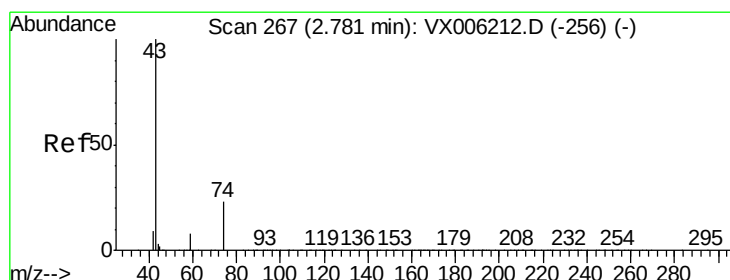
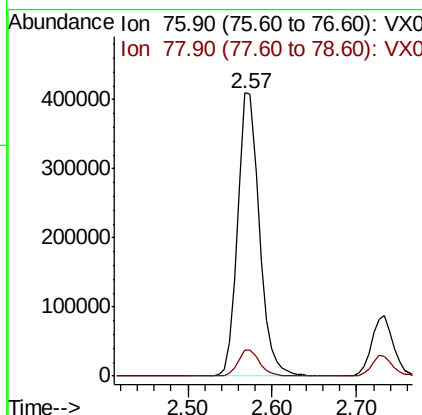
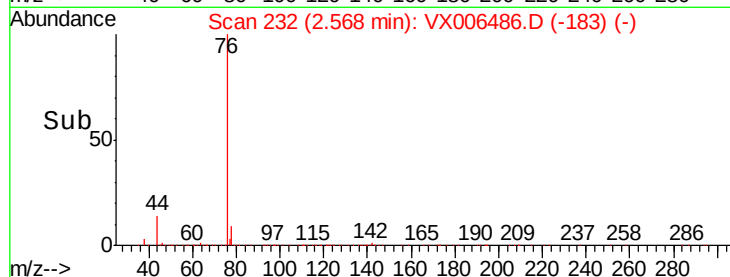
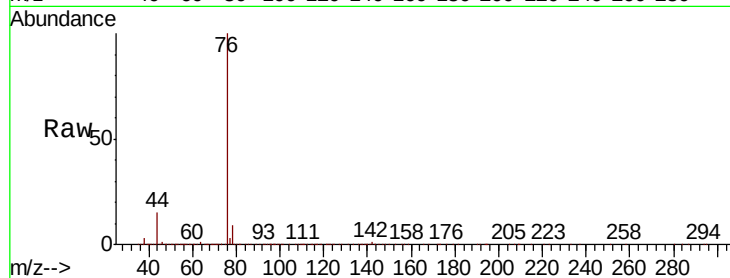
#17
Carbon Disulfide
Concen: 46.998 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX006486.D
Acq: 13 Dec 2018 10:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.1	7.1	10.7

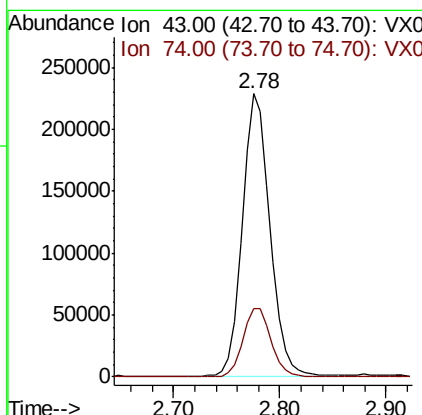
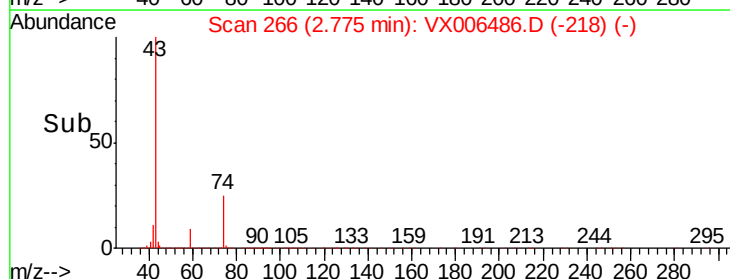
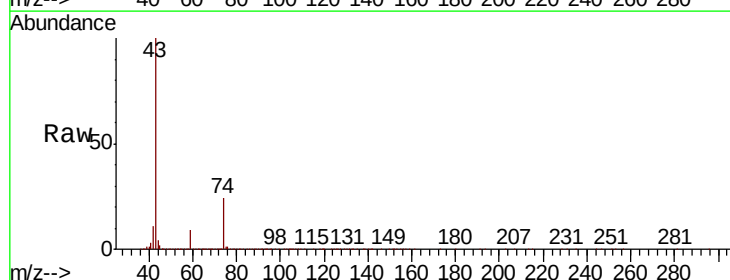
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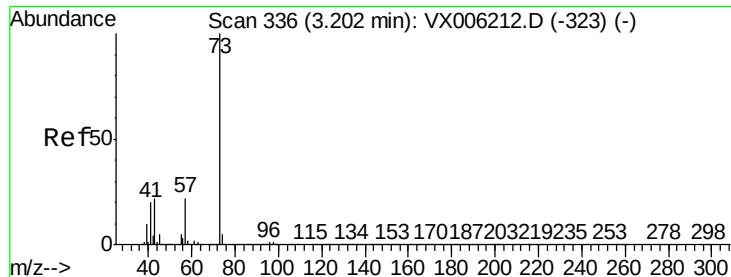
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#18
Methyl Acetate
Concen: 47.885 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.01 min
Lab File: VX006486.D
Acq: 13 Dec 2018 10:41

Tgt Ion	Ratio	Lower	Upper
43	100		
74	25.1	17.9	26.9





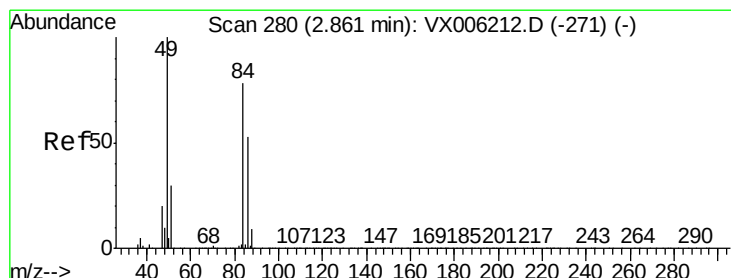
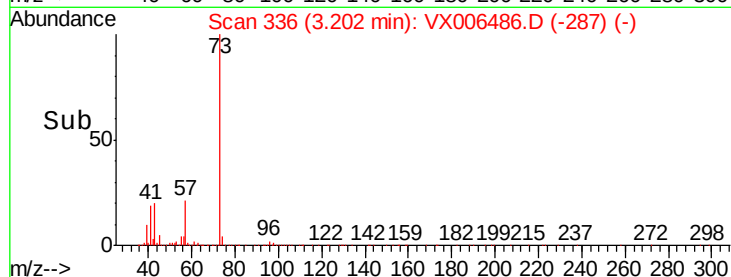
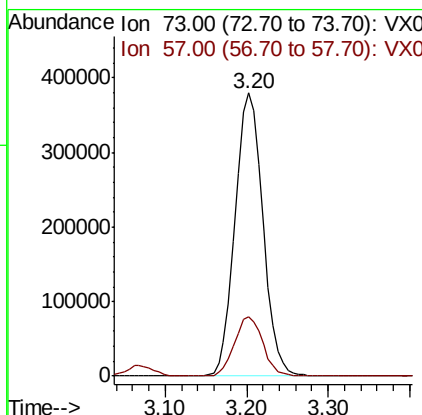
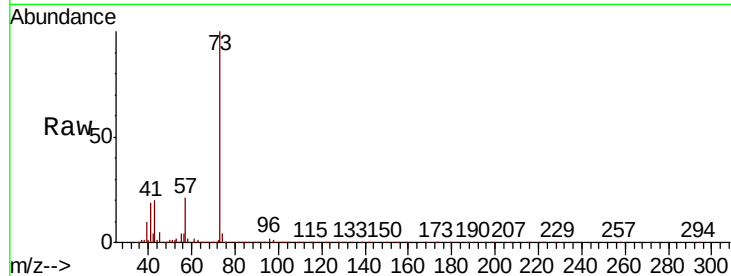
#19
Methyl tert-butyl Ether
Concen: 51.298 ug/l
RT: 3.20 min Scan# 336
Delta R.T. 0.00 min
Lab File: VX006486.D
Acq: 13 Dec 2018 10:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.1	17.5	26.3

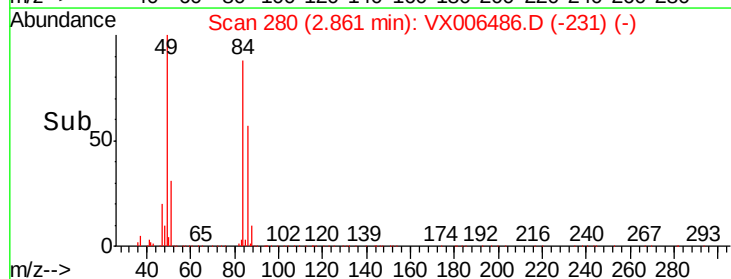
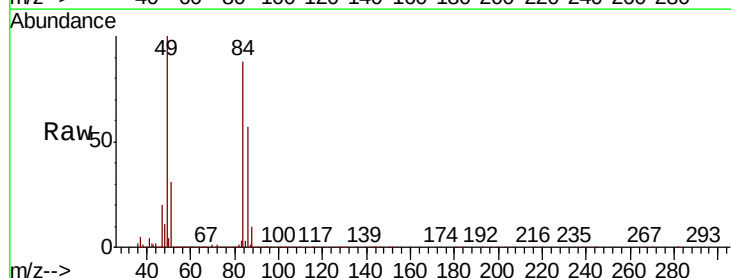
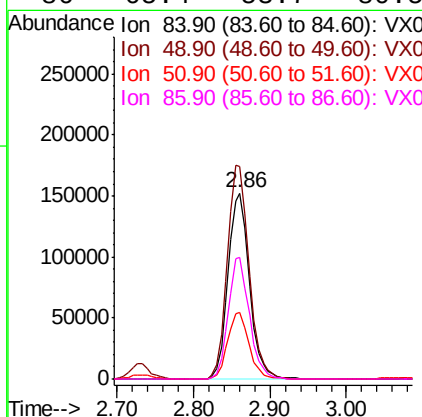
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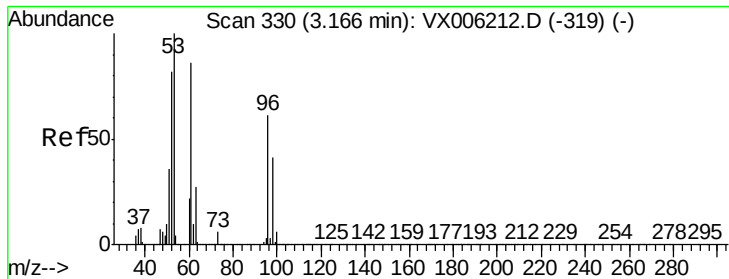
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#20
Methylene Chloride
Concen: 53.664 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX006486.D
Acq: 13 Dec 2018 10:41

Tgt Ion	Ratio	Lower	Upper
84	100		
49	114.3	102.2	153.4
51	35.5	31.1	46.7
86	65.4	53.7	80.5





#21

trans-1,2-Dichloroethene

Concen: 54.573 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX006486.D

Acq: 13 Dec 2018 10:41

Instrument :

MSVOA_X

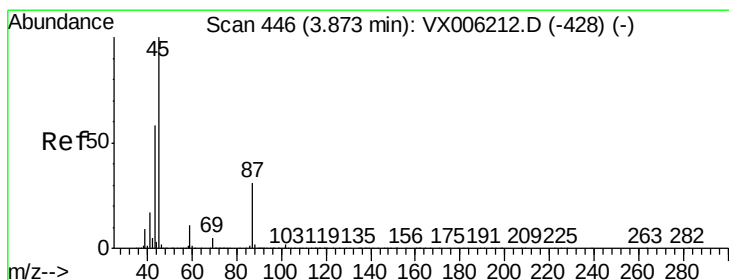
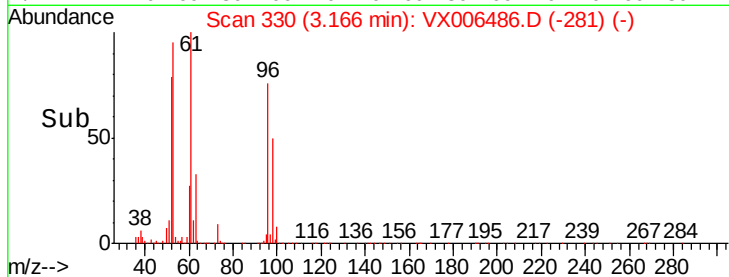
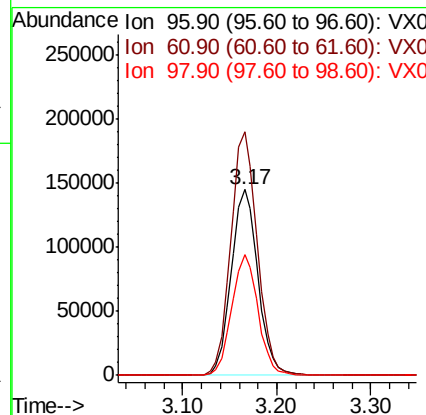
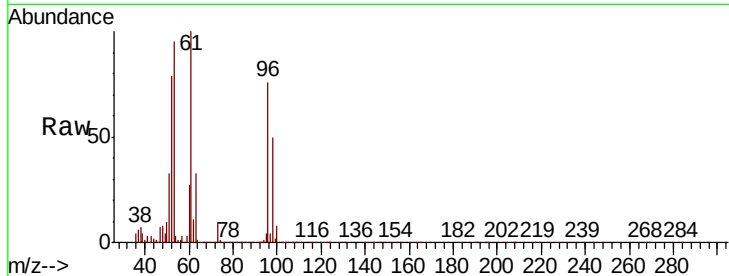
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	284329
Ion Ratio	Lower	Upper	
96	100		
61	131.3	113.3	169.9
98	65.4	53.2	79.8

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#22

Diisopropyl ether

Concen: 54.051 ug/l

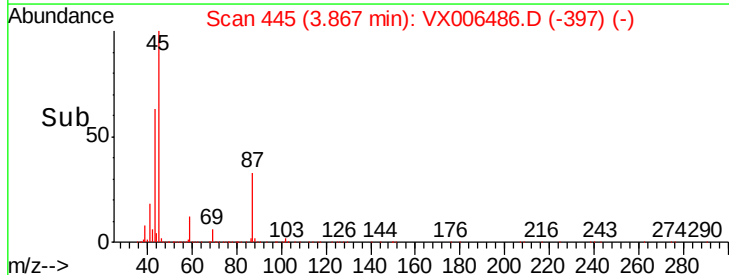
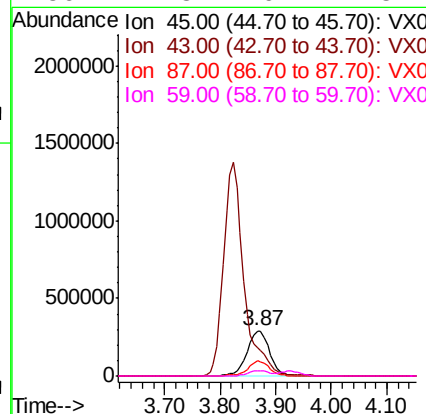
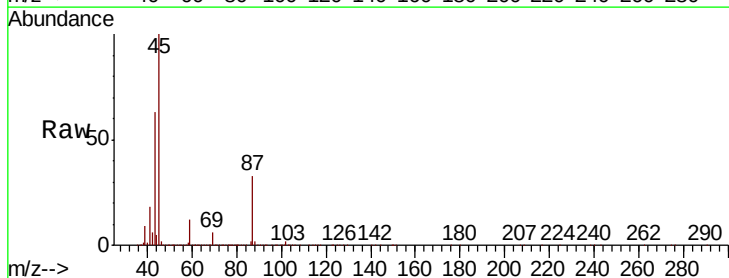
RT: 3.87 min Scan# 445

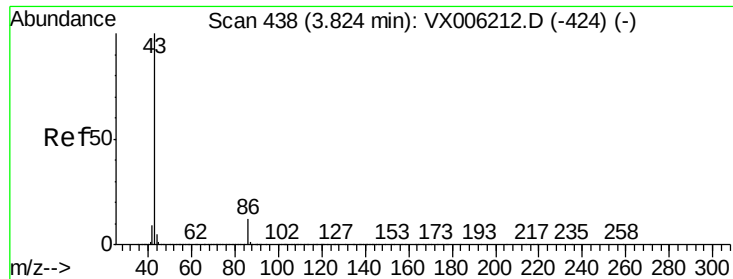
Delta R.T. -0.01 min

Lab File: VX006486.D

Acq: 13 Dec 2018 10:41

Tgt Ion:	45	Resp:	815358
Ion Ratio	Lower	Upper	
45	100		
43	62.5	46.2	69.2
87	33.4	24.9	37.3
59	11.8	9.1	13.7





#23

Vinyl Acetate

Concen: 273.704 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.00 min

Lab File: VX006486.D

Acq: 13 Dec 2018 10:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 3521549

Ion Ratio Lower Upper

43 100

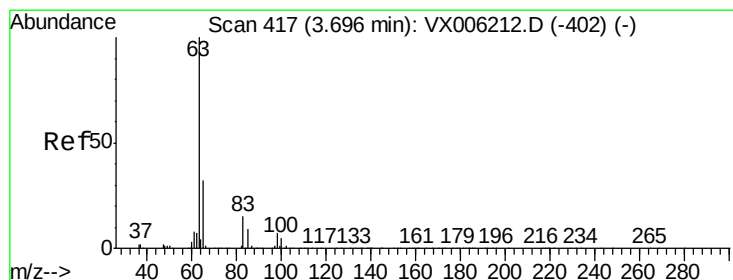
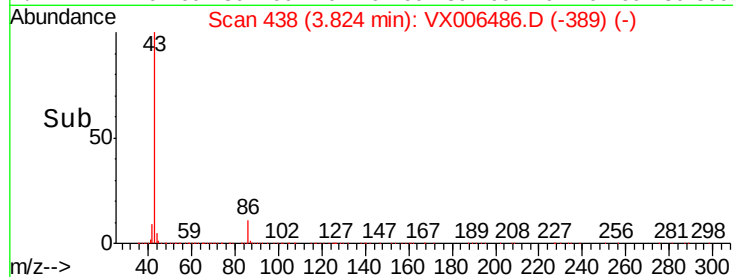
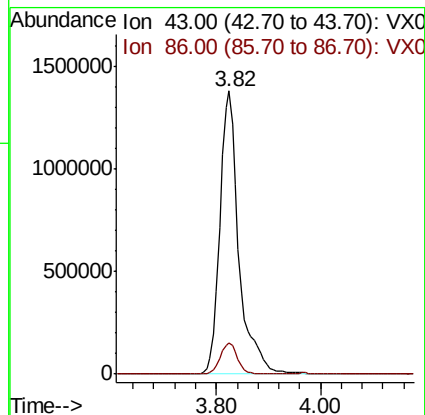
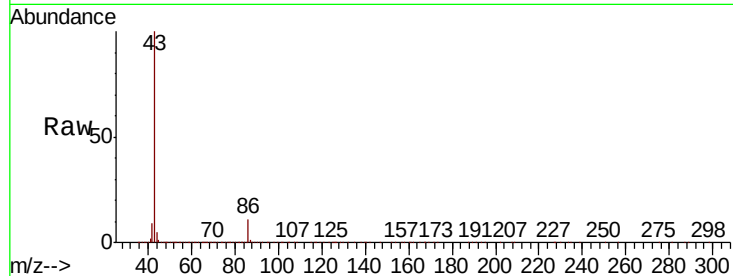
86 11.0 9.4 14.0

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#24

1,1-Dichloroethane

Concen: 57.383 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX006486.D

Acq: 13 Dec 2018 10:41

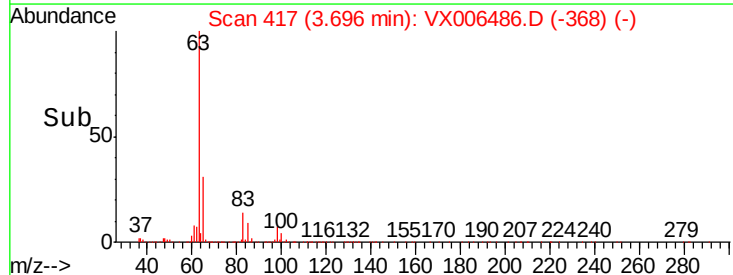
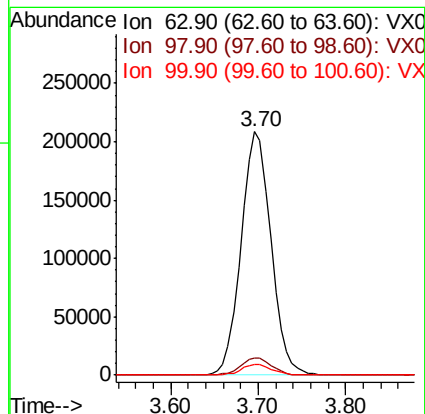
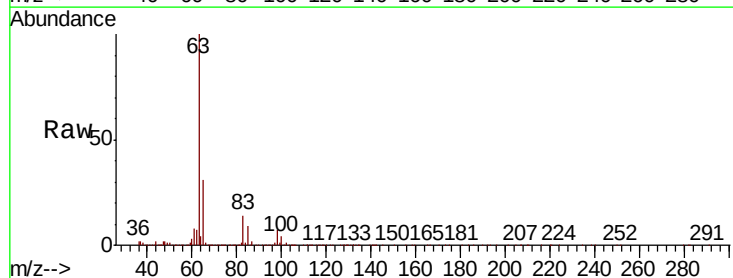
Tgt Ion: 63 Resp: 494772

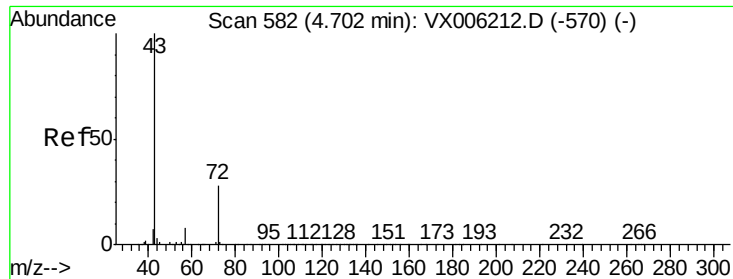
Ion Ratio Lower Upper

63 100

98 6.8 3.8 11.4

100 4.5 2.5 7.4





#25

2-Butanone

Concen: 267.594 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX006486.D

Acq: 13 Dec 2018 10:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 988322

Ion Ratio Lower Upper

43 100

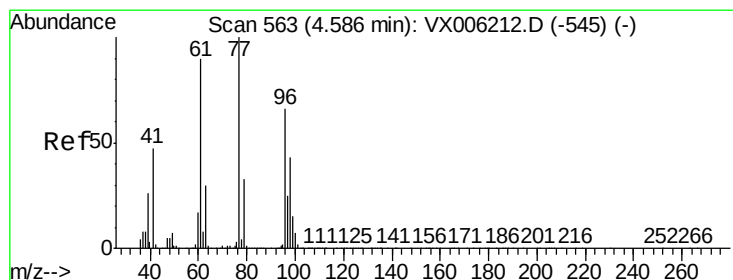
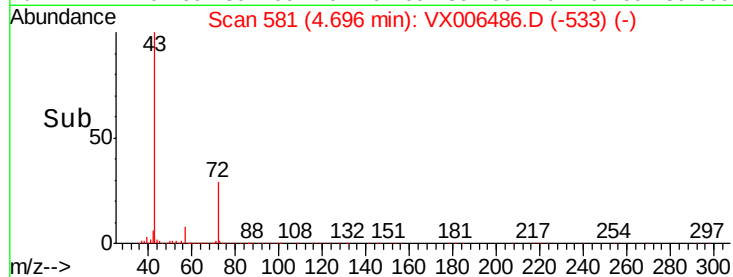
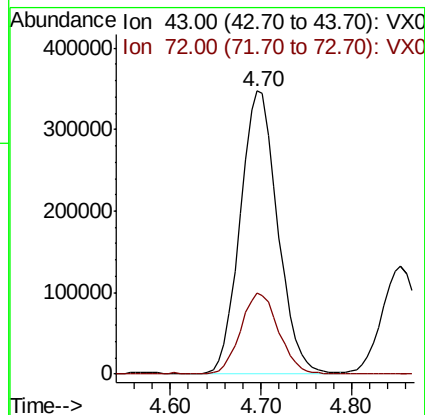
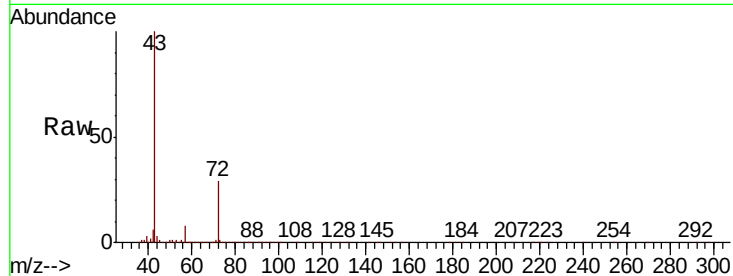
72 28.8 22.6 33.8

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#26

2,2-Dichloropropane

Concen: 51.612 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.00 min

Lab File: VX006486.D

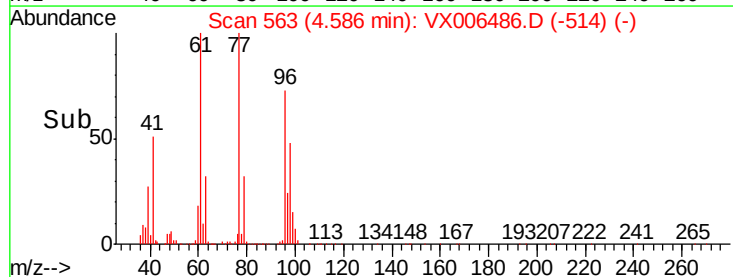
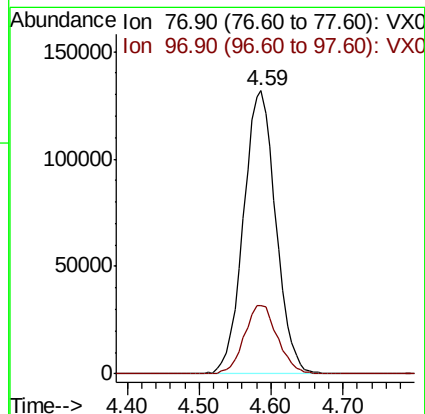
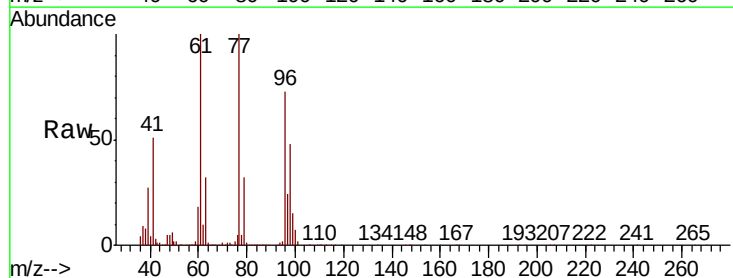
Acq: 13 Dec 2018 10:41

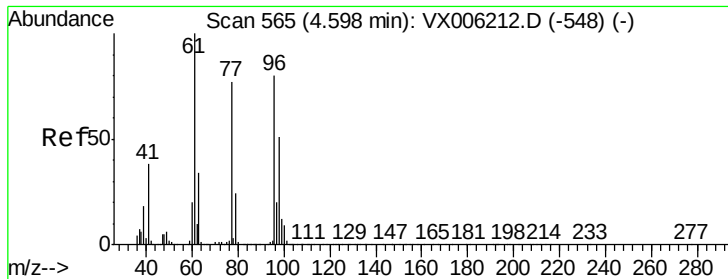
Tgt Ion: 77 Resp: 410693

Ion Ratio Lower Upper

77 100

97 24.8 12.3 36.8





#27

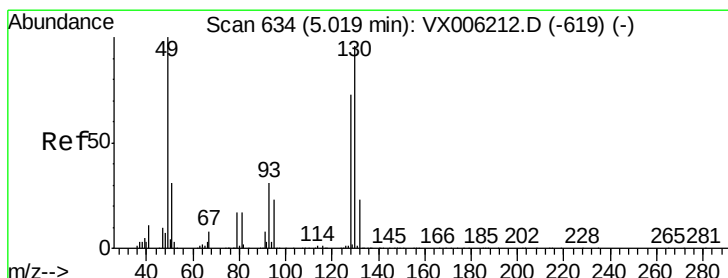
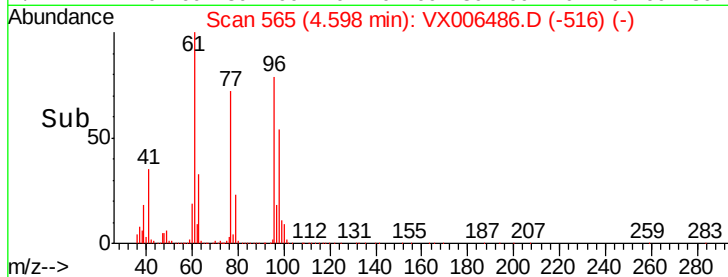
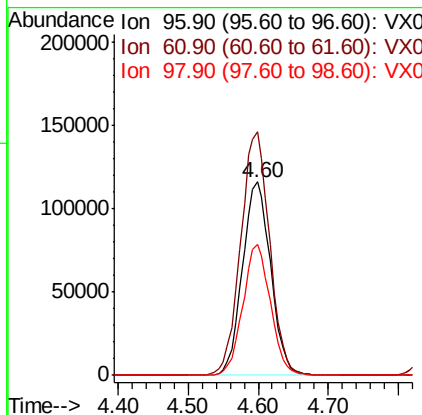
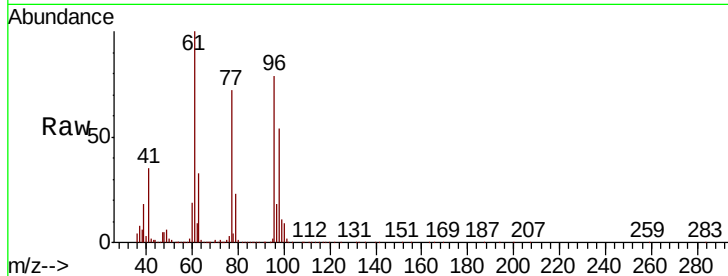
cis-1,2-Dichloroethene
Concen: 55.976 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX006486.D
Acq: 13 Dec 2018 10:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	129.5	0.0	265.0	
98	66.0	0.0	130.2	

Manual Integrations
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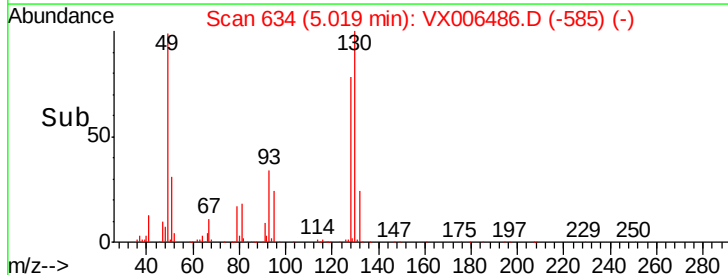
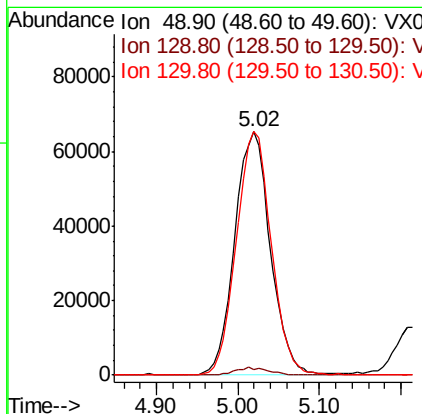
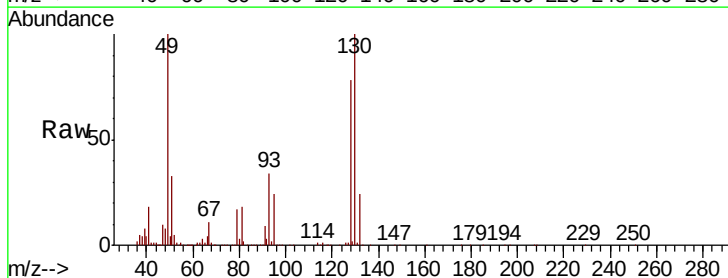
MMDadoda
12/14/2018 9:34:54 AM

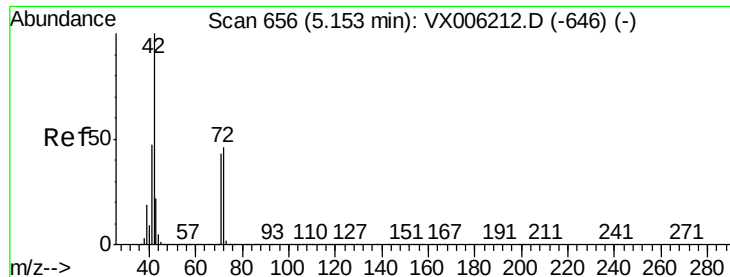


#28

Bromochloromethane
Concen: 52.644 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.00 min
Lab File: VX006486.D
Acq: 13 Dec 2018 10:41

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	2.9	0.0	5.0	
130	97.7	78.3	117.5	





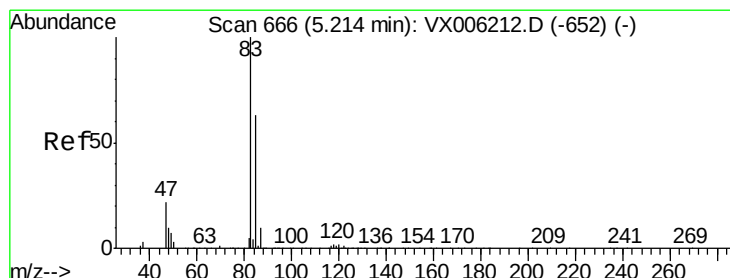
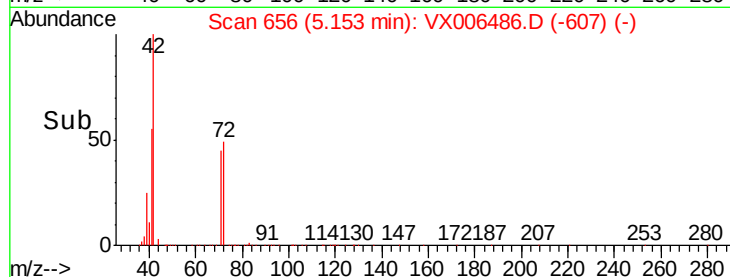
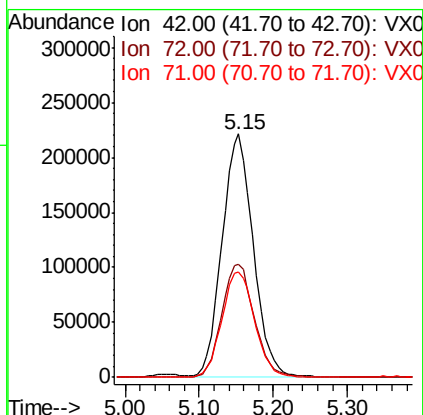
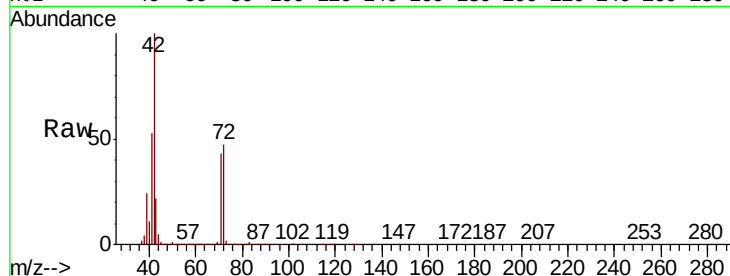
#29
Tetrahydrofuran
Concen: 251.395 ug/l
RT: 5.15 min Scan# 656
Delta R.T. 0.00 min
Lab File: VX006486.D
Acq: 13 Dec 2018 10:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	48.6	37.8	56.8
71	45.5	35.2	52.8

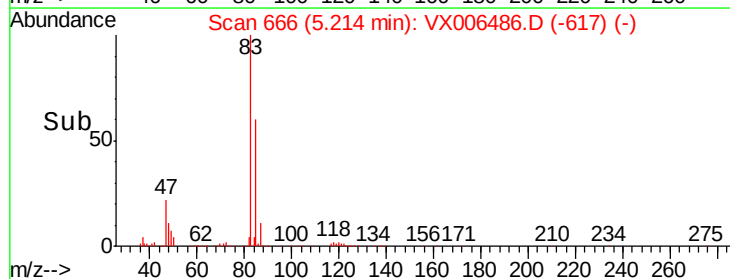
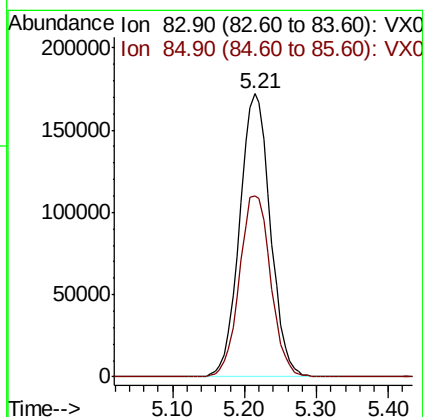
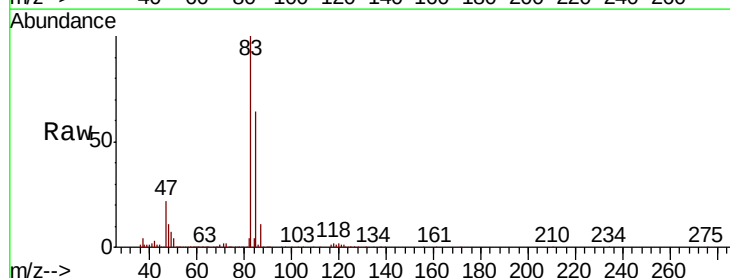
Manual Integrations
APPROVED

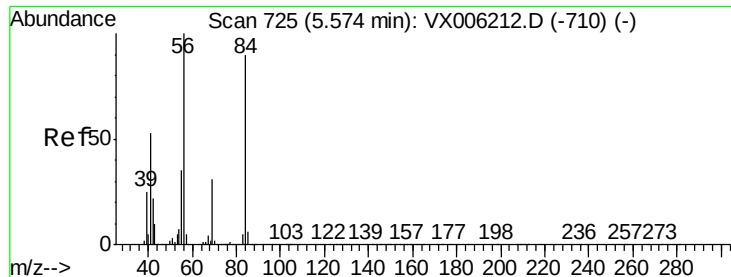
MMDadoda
12/14/2018 9:34:54 AM



#30
Chloroform
Concen: 56.179 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.00 min
Lab File: VX006486.D
Acq: 13 Dec 2018 10:41

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.8	50.3	75.5





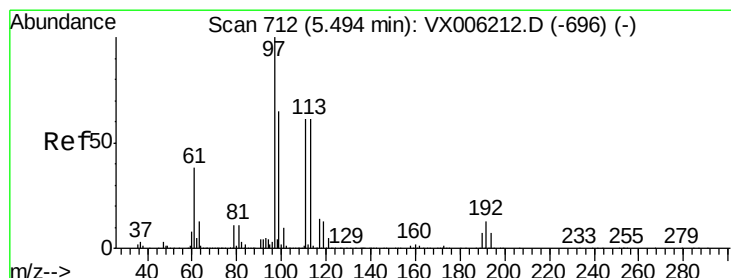
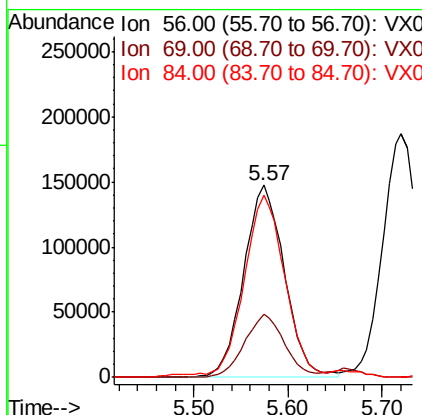
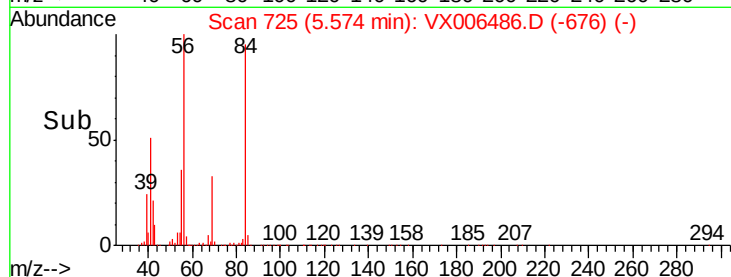
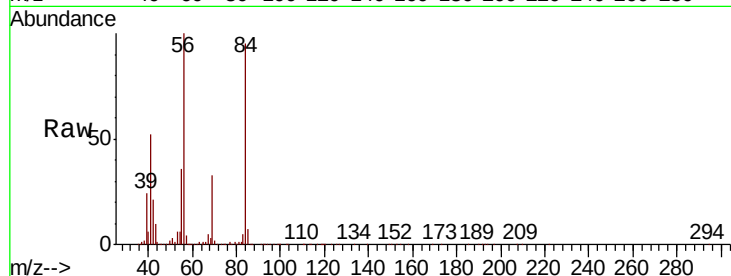
#31
Cyclohexane
Concen: 55.855 ug/l
RT: 5.57 min Scan# 725
Delta R.T. 0.00 min
Lab File: VX006486.D
Acq: 13 Dec 2018 10:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	32.5	24.5	36.7
84	93.3	71.8	107.6

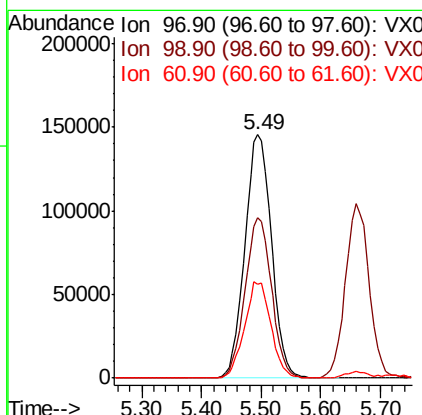
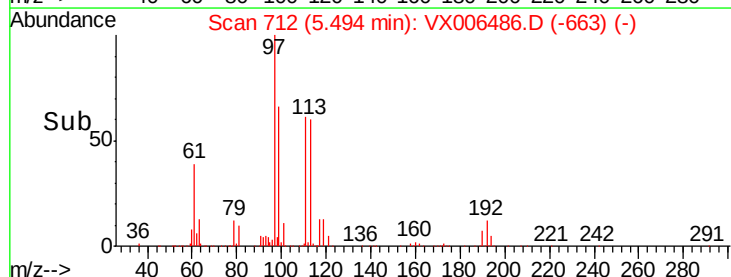
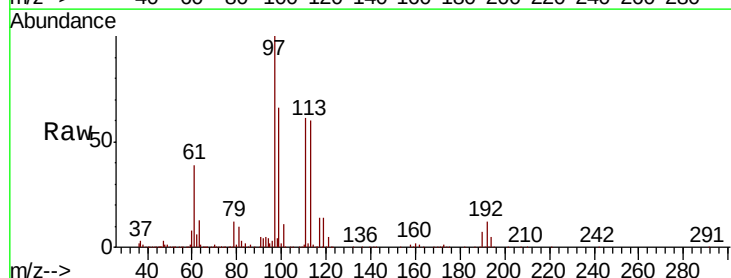
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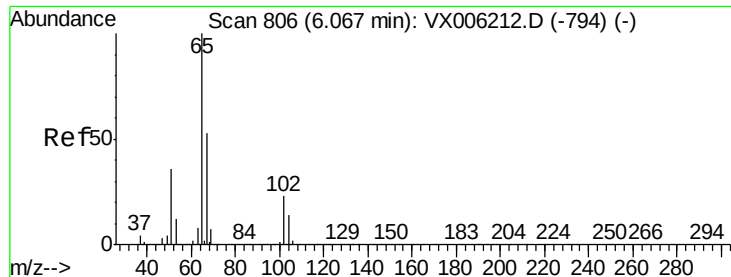
MMDadoda
12/14/2018 9:34:54 AM



#32
1,1,1-Trichloroethane
Concen: 52.407 ug/l
RT: 5.49 min Scan# 712
Delta R.T. 0.00 min
Lab File: VX006486.D
Acq: 13 Dec 2018 10:41

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.6	51.6	77.4
61	38.9	30.6	46.0





#33

1,2-Dichloroethane-d4

Concen: 52.409 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX006486.D

Acq: 13 Dec 2018 10:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 65 Resp: 289070

Ion Ratio Lower Upper

65 100

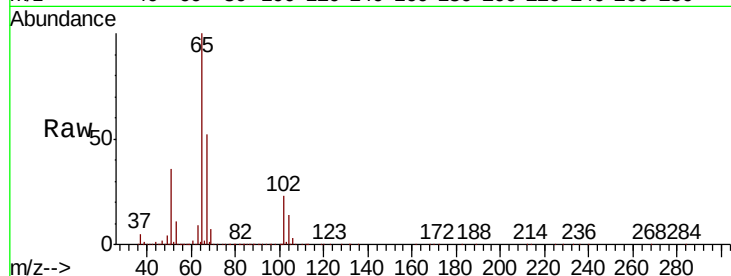
67 52.0 0.0 107.2

Manual Integrations

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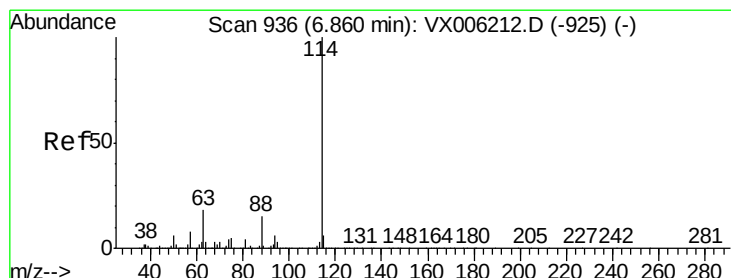
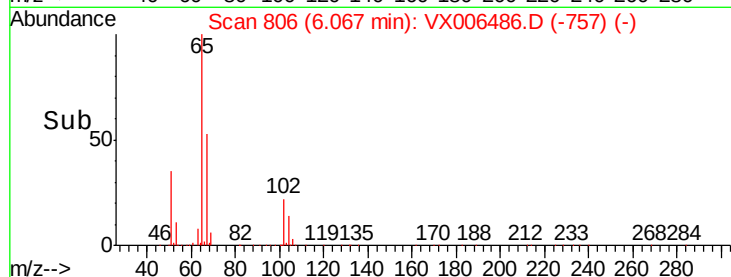
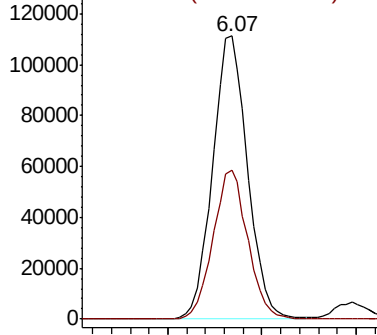
MMDadoda

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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX006486.D

Acq: 13 Dec 2018 10:41

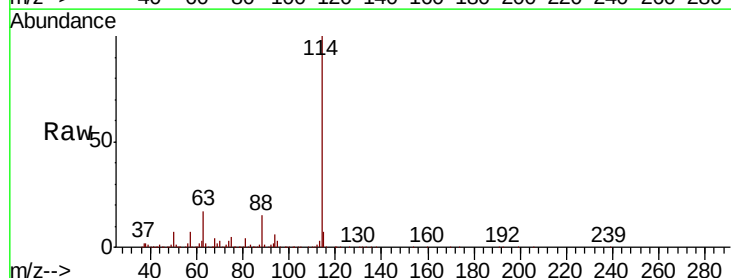
Tgt Ion: 114 Resp: 827704

Ion Ratio Lower Upper

114 100

63 16.9 0.0 36.6

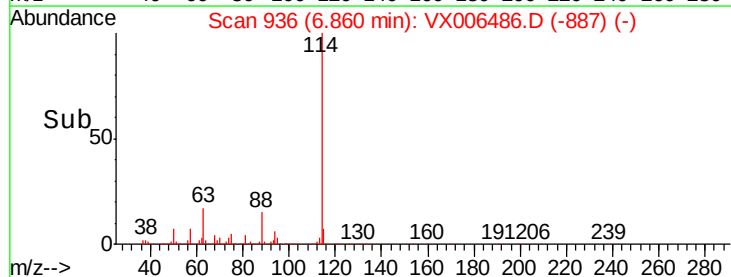
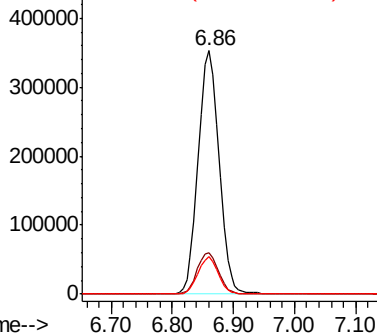
88 15.3 0.0 29.0

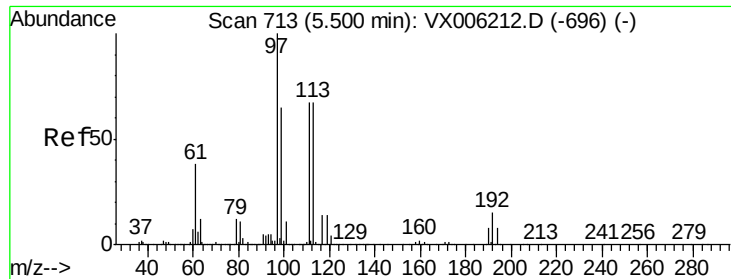


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 50.072 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX006486.D

Acq: 13 Dec 2018 10:41

Instrument :

MSVOA_X

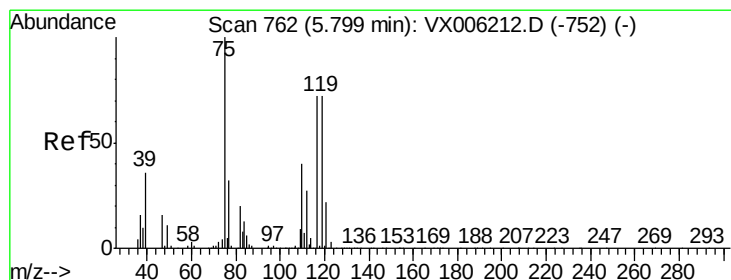
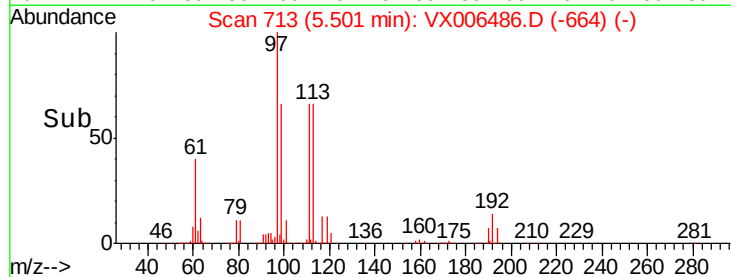
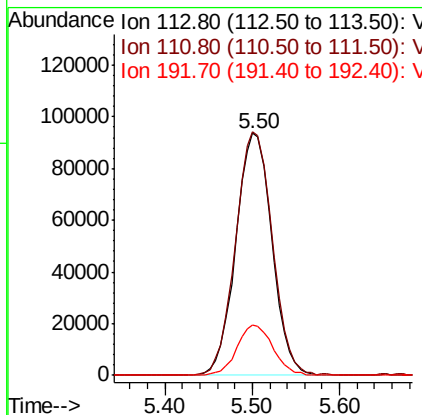
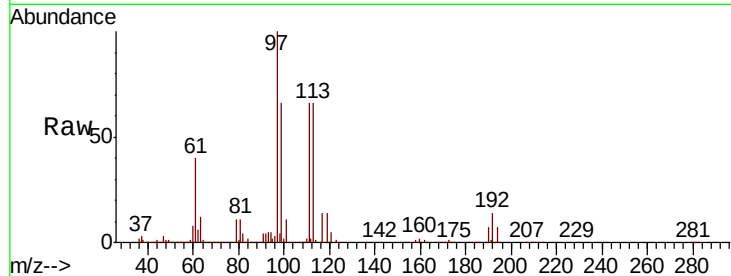
ClientSampleId :

VSTDCCC050

Tot Ion:	113	Resp:	268339
Ion Ratio	Lower	Upper	
113	100		
111	102.6	81.1	121.7
192	20.7	18.2	27.2

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 54.413 ug/l

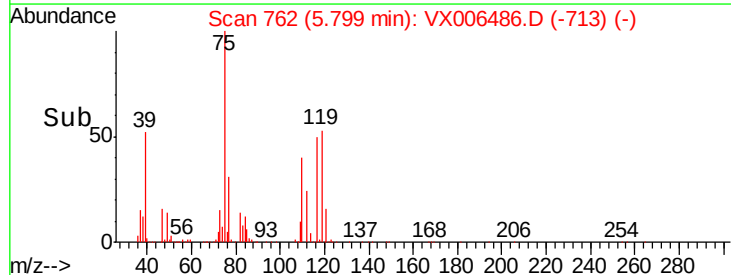
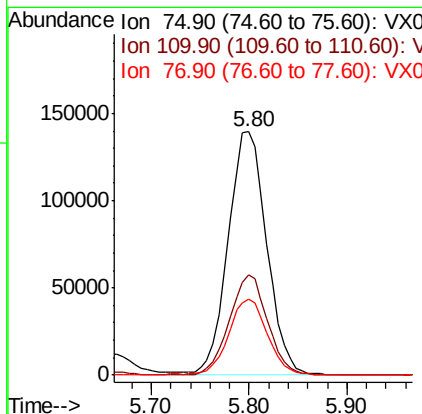
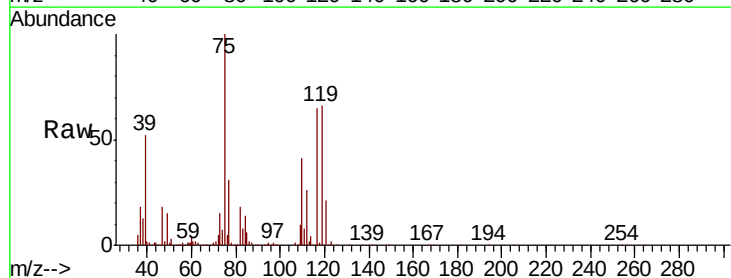
RT: 5.80 min Scan# 762

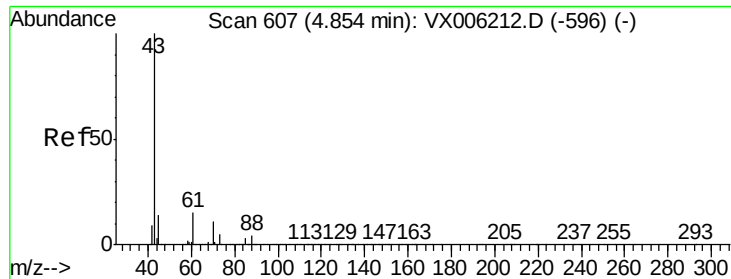
Delta R.T. 0.00 min

Lab File: VX006486.D

Acq: 13 Dec 2018 10:41

Tgt Ion:	75	Resp:	379267
Ion Ratio	Lower	Upper	
75	100		
110	40.9	20.4	61.3
77	31.3	24.9	37.3





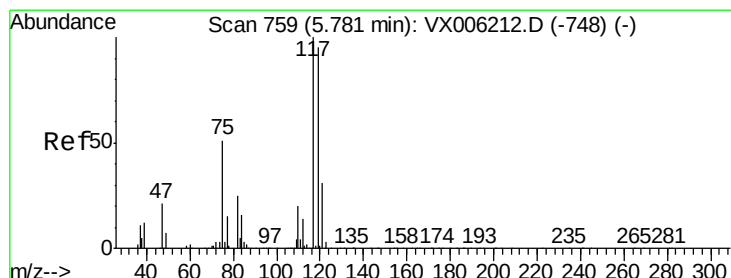
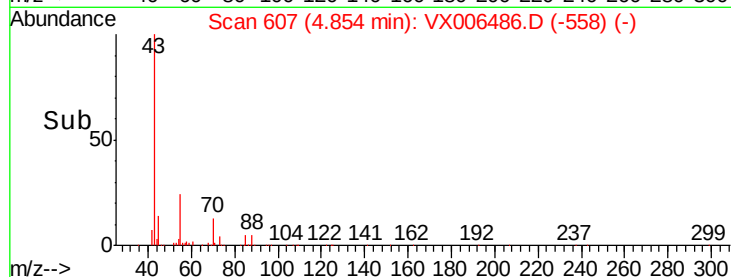
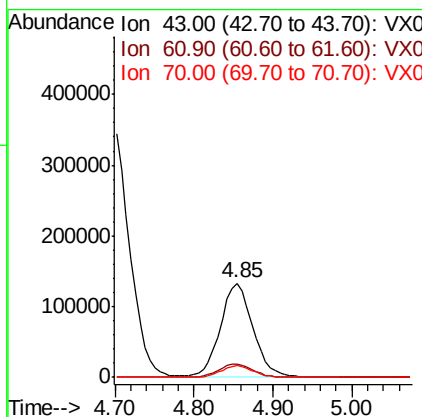
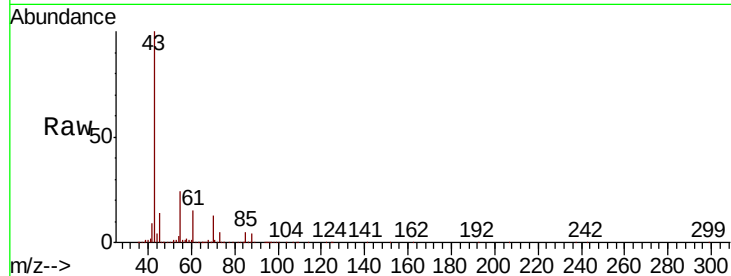
#37
Ethyl Acetate
Concen: 48.723 ug/l
RT: 4.85 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX006486.D
Acq: 13 Dec 2018 10:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	43	Resp	380313
Ion Ratio	Lower	Upper	
43	100		
61	14.2	11.5	17.3
70	12.2	9.0	13.6

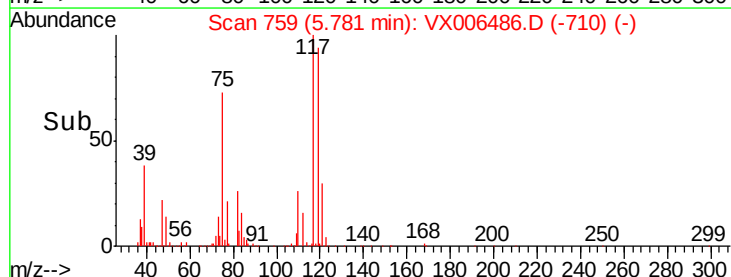
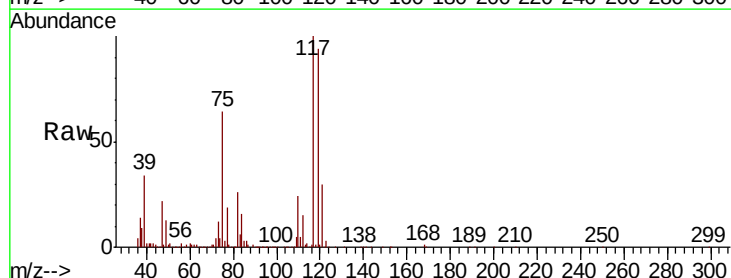
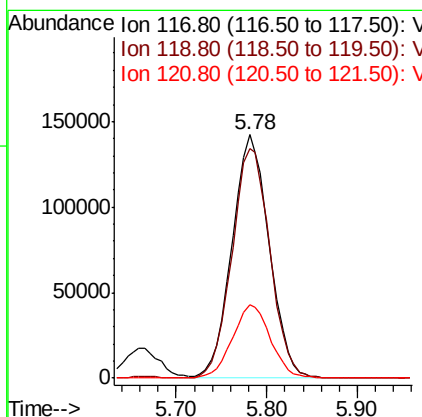
Manual Integrations
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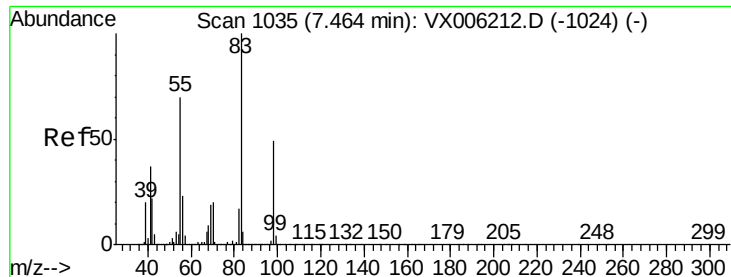
MMDadoda
12/14/2018 9:34:54 AM



#38
Carbon Tetrachloride
Concen: 49.189 ug/l
RT: 5.78 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX006486.D
Acq: 13 Dec 2018 10:41

Tgt Ion	117	Resp	403337
Ion Ratio	Lower	Upper	
117	100		
119	94.4	75.8	113.8
121	30.0	24.6	37.0





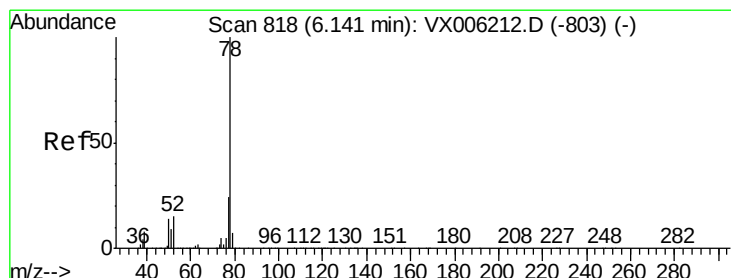
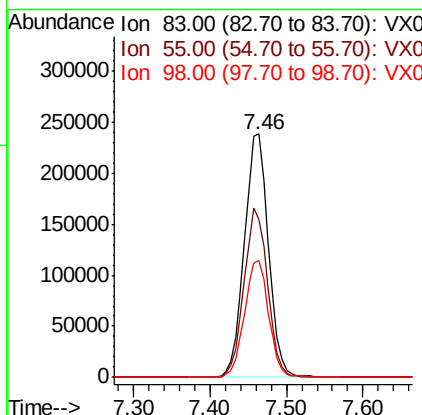
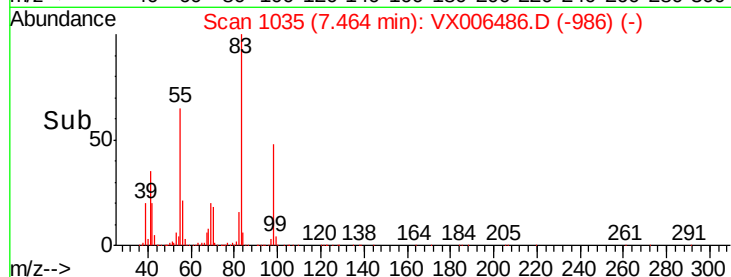
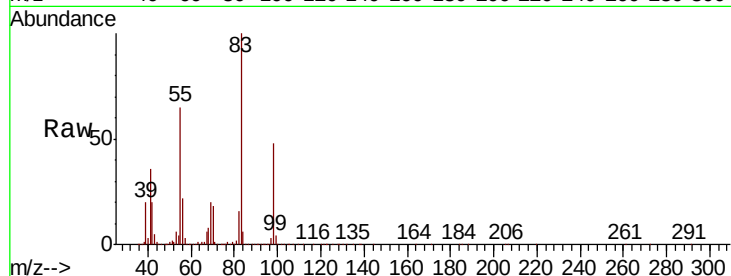
#39
Methylvlcyclohexane
Concen: 57.763 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX006486.D
Acq: 13 Dec 2018 10:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	65.0	56.4	84.6
98	48.1	39.0	58.6

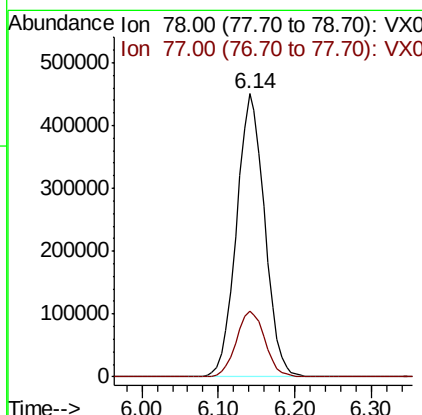
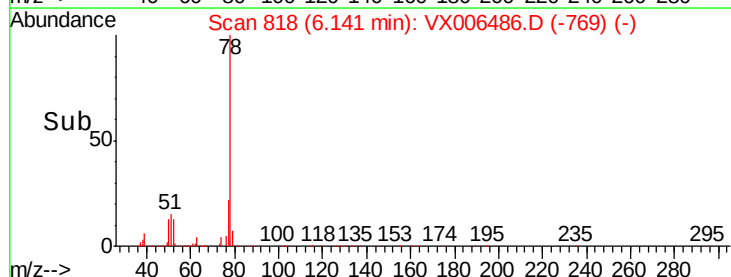
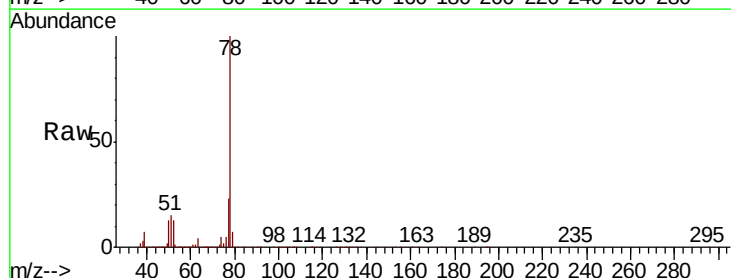
Manual Integrations
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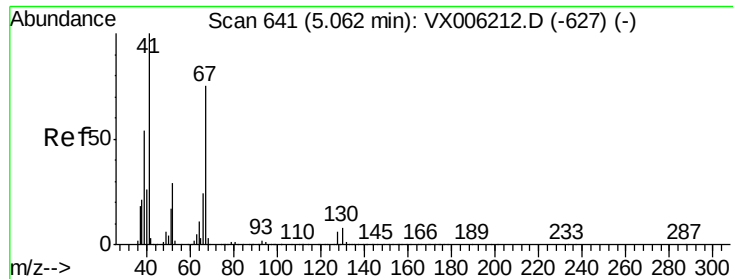
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#40
Benzene
Concen: 54.926 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX006486.D
Acq: 13 Dec 2018 10:41

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.1	19.2	28.8





#41

Methacrylonitrile

Concen: 48.637 ug/l

RT: 5.06 min Scan# 640

Delta R.T. -0.01 min

Lab File: VX006486.D

Acq: 13 Dec 2018 10:41

Instrument :

MSVOA_X

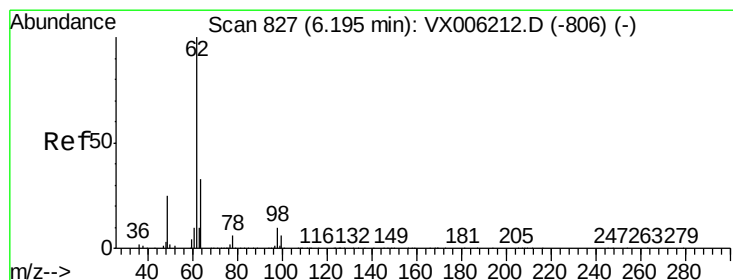
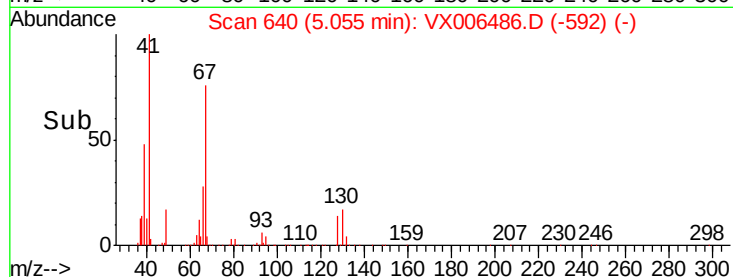
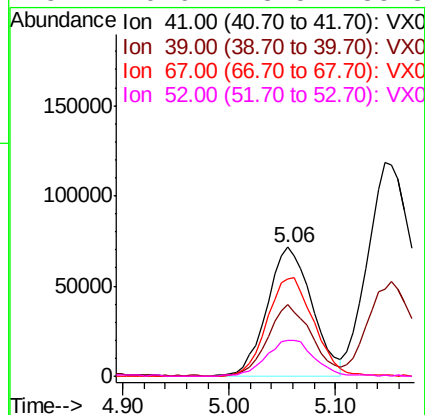
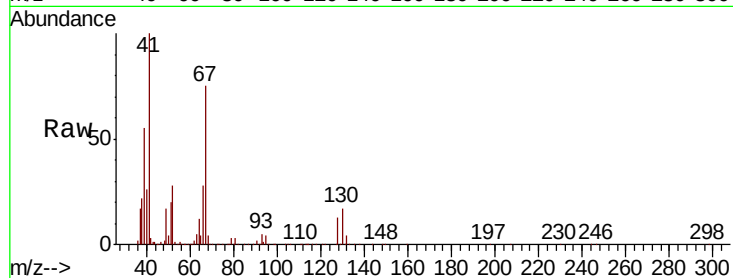
ClientSampleId :

VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		208901		
39	54.1	44.0	66.0		
67	79.4	61.4	92.0		
52	29.6	23.5	35.3		

Manual Integrations
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12/14/2018 9:34:54 AM



#42

1,2-Dichloroethane

Concen: 55.305 ug/l

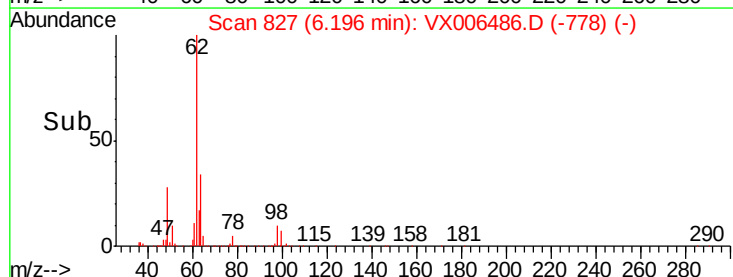
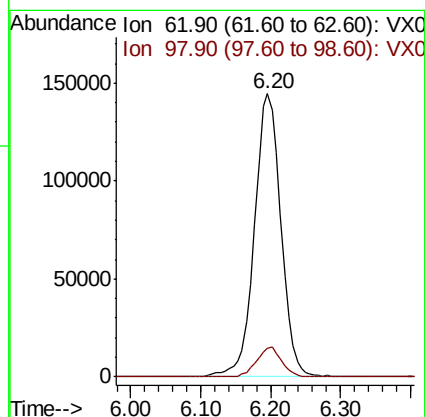
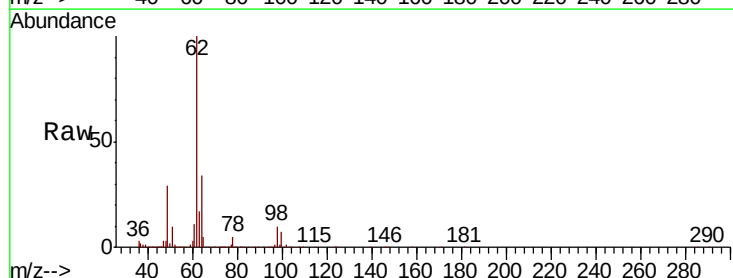
RT: 6.20 min Scan# 827

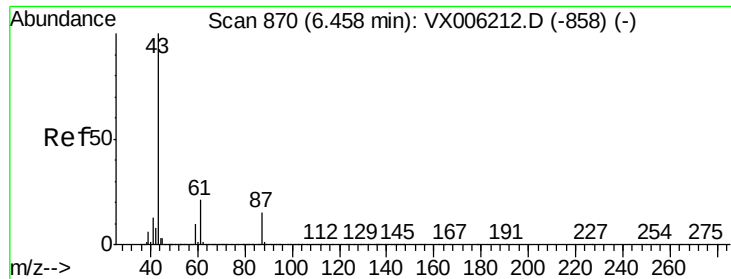
Delta R.T. 0.00 min

Lab File: VX006486.D

Acq: 13 Dec 2018 10:41

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		377863		
98	10.1	0.0	20.2		





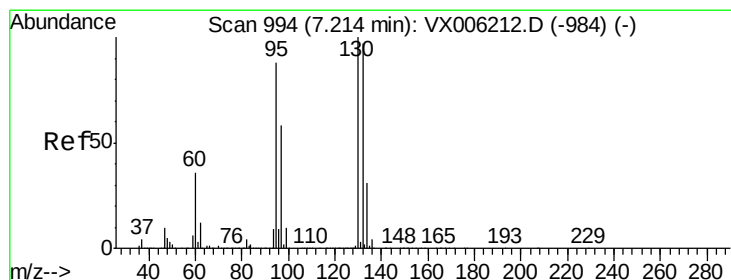
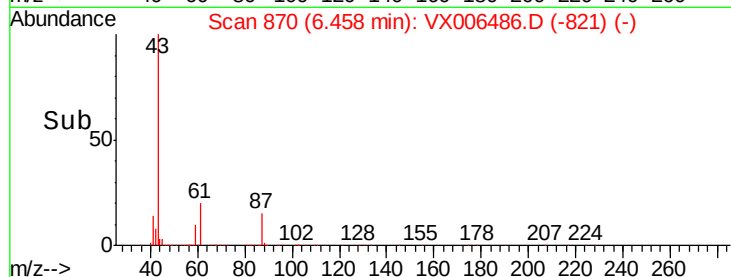
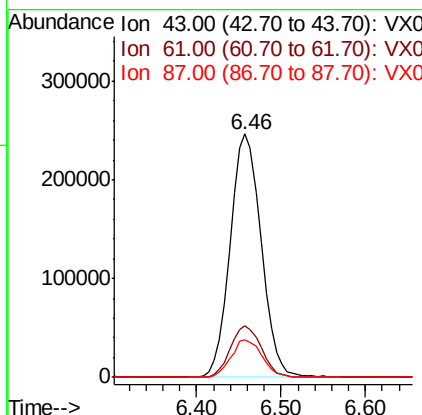
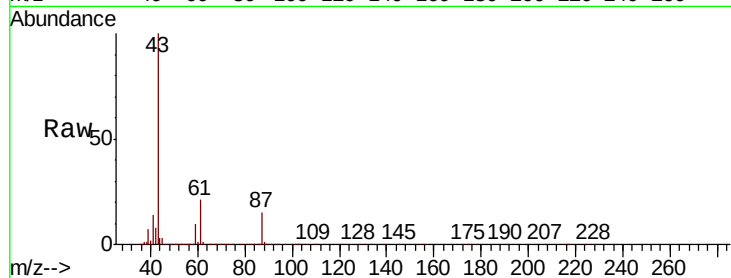
#43
Isopropyl Acetate
Concen: 47.118 ug/l
RT: 6.46 min Scan# 870
Delta R.T. 0.00 min
Lab File: VX006486.D
Acq: 13 Dec 2018 10:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	21.4	16.8	25.2
87	15.6	11.9	17.9

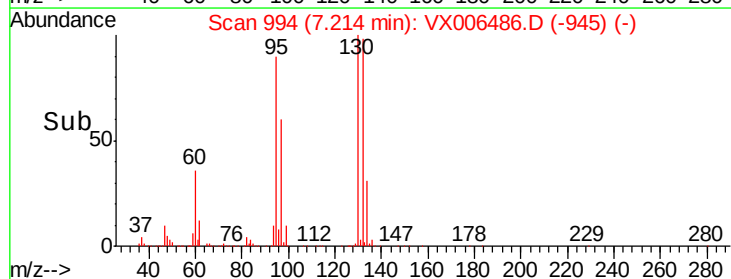
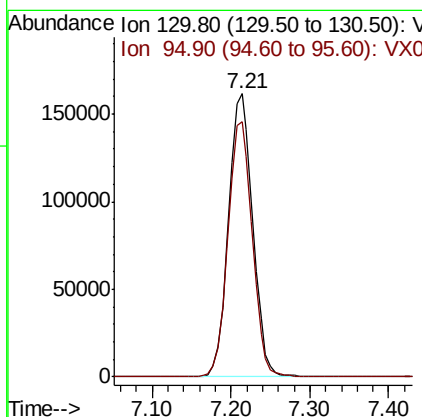
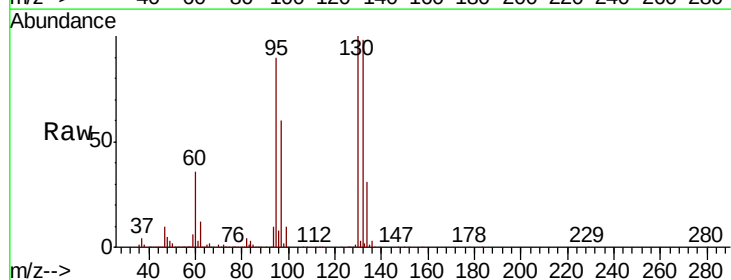
Manual Integrations
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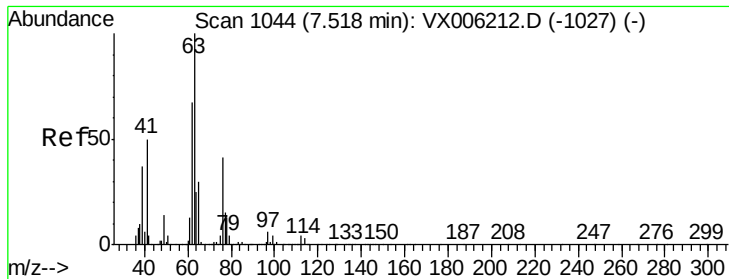
MMDadoda
12/14/2018 9:34:54 AM



#44
Trichloroethene
Concen: 54.659 ug/l
RT: 7.21 min Scan# 994
Delta R.T. 0.00 min
Lab File: VX006486.D
Acq: 13 Dec 2018 10:41

Tgt Ion	Ratio	Lower	Upper
130	100		
95	90.1	0.0	175.8





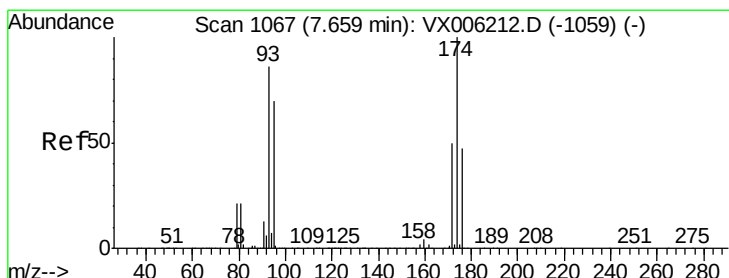
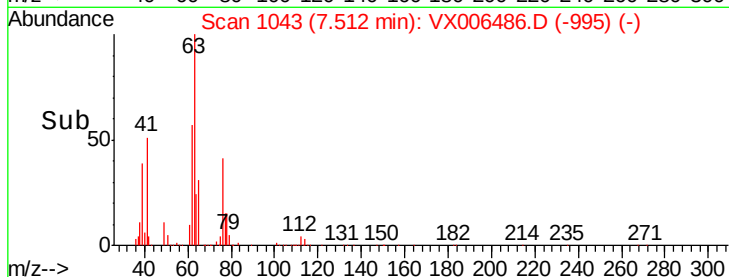
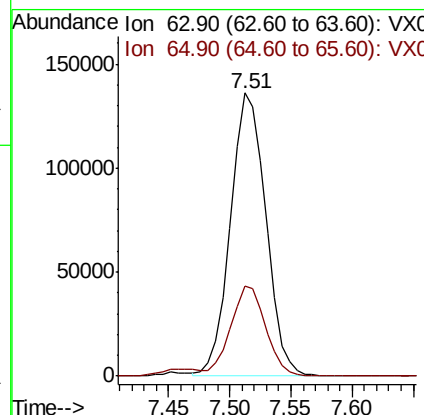
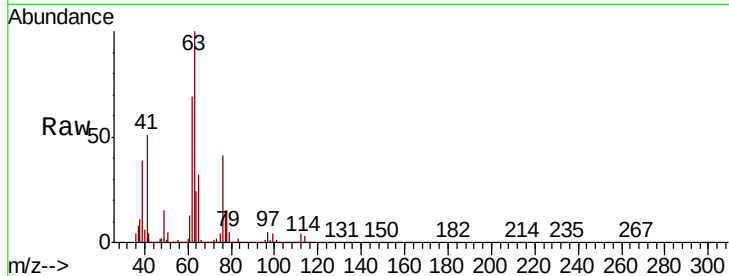
#45
 1,2-Dichloropropane
 Concen: 51.155 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.01 min
 Lab File: VX006486.D
 Acq: 13 Dec 2018 10:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.6	24.3	36.5

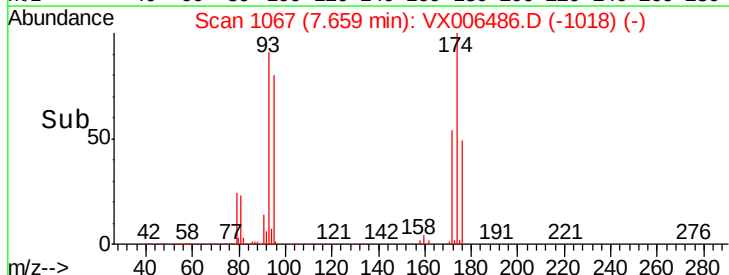
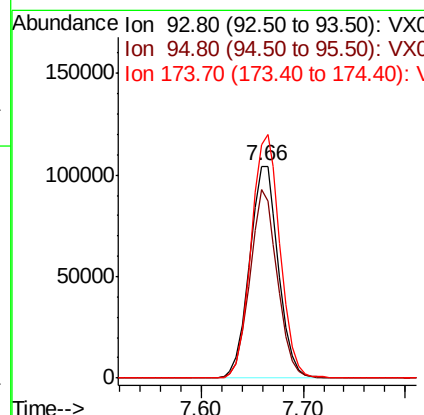
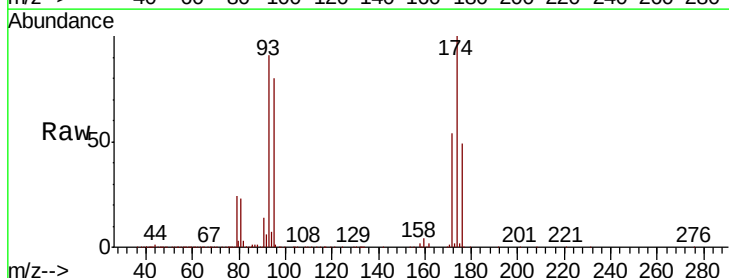
Manual Integrations
 APPROVED

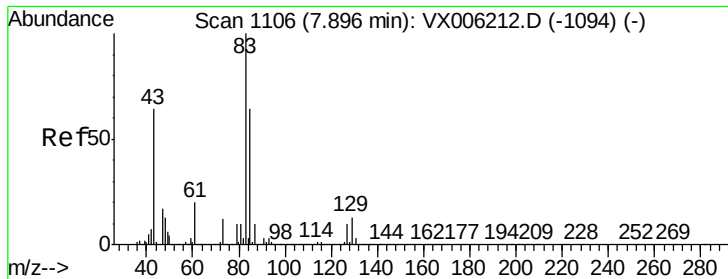
MMDadoda
 12/14/2018 9:34:54 AM



#46
 Dibromomethane
 Concen: 53.645 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: VX006486.D
 Acq: 13 Dec 2018 10:41

Tgt Ion	Ratio	Lower	Upper
93	100		
95	84.3	66.2	99.4
174	114.9	97.2	145.8





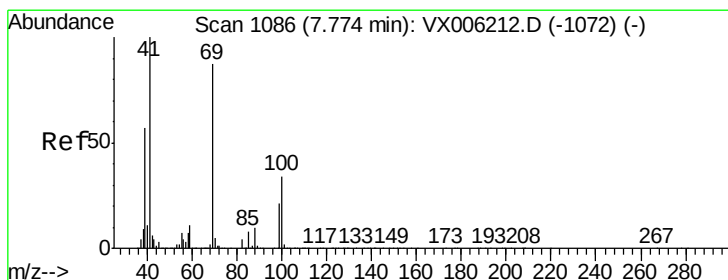
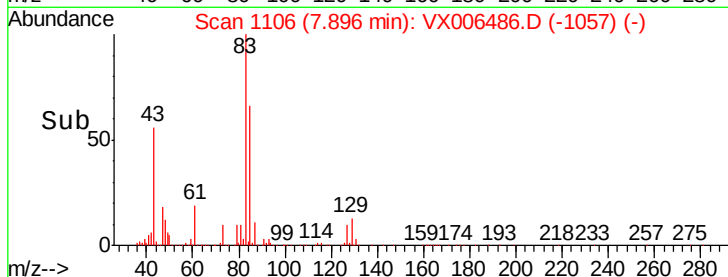
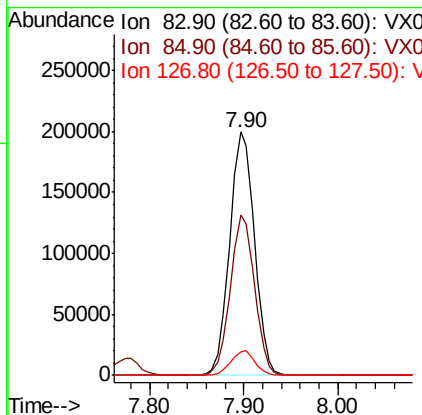
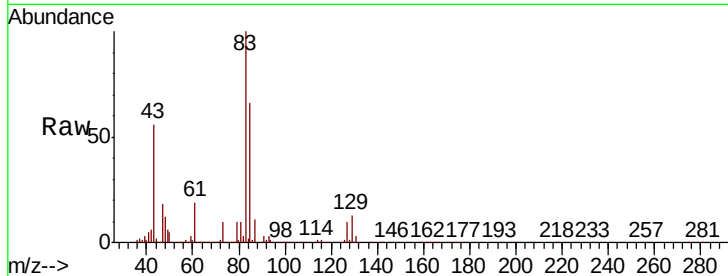
#47
Bromodichloromethane
Concen: 49.174 ug/l
RT: 7.90 min Scan# 1106
Delta R.T. 0.00 min
Lab File: VX006486.D
Acq: 13 Dec 2018 10:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
85	65.9	51.4	77.0
127	9.7	7.9	11.9

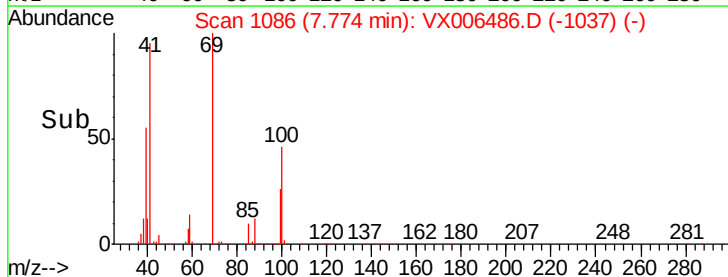
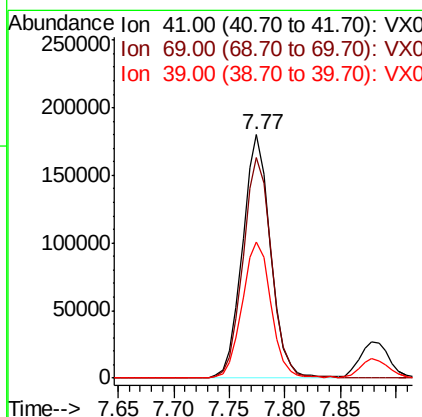
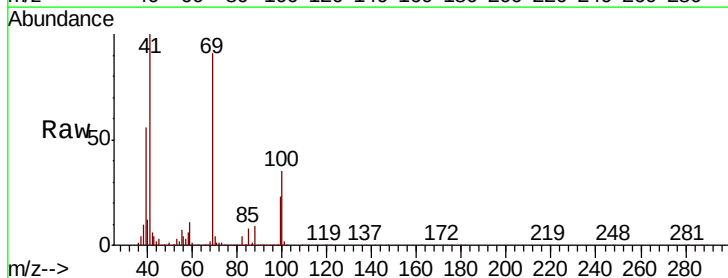
Manual Integrations
APPROVED

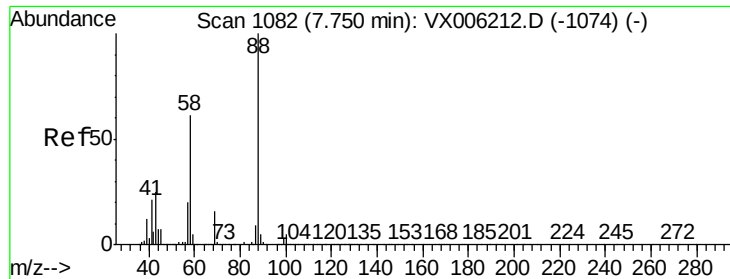
MMDadoda
12/14/2018 9:34:54 AM



#48
Methyl methacrylate
Concen: 49.704 ug/l
RT: 7.77 min Scan# 1086
Delta R.T. 0.00 min
Lab File: VX006486.D
Acq: 13 Dec 2018 10:41

Tgt Ion	Ratio	Lower	Upper
41	100		
69	92.4	70.3	105.5
39	57.5	45.3	67.9





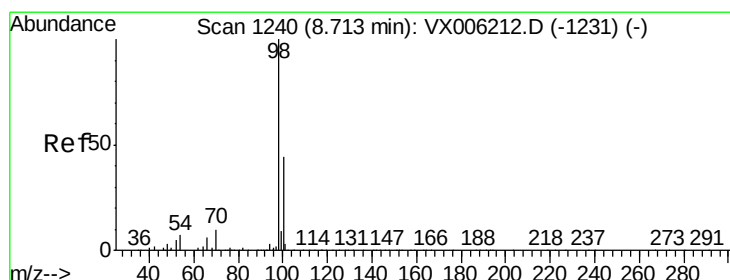
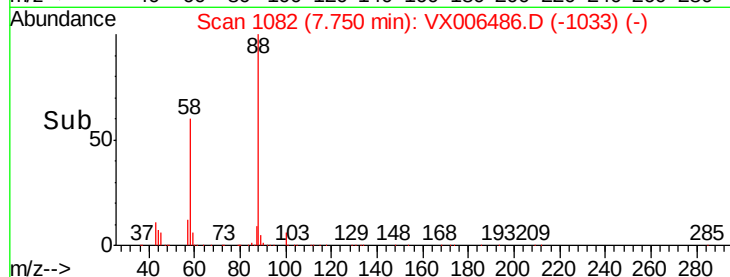
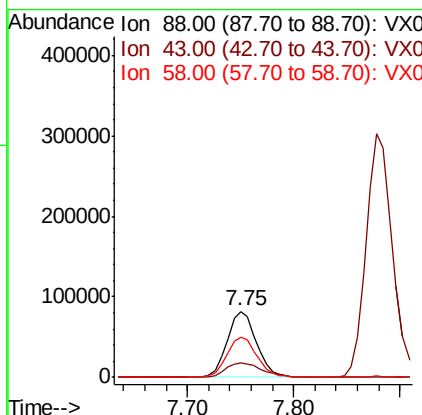
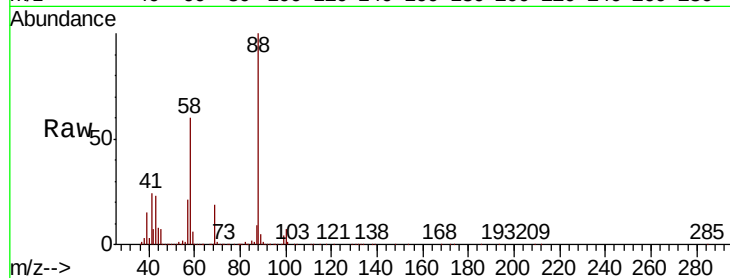
#49
1,4-Dioxane
Concen: 1020.479 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. 0.00 min
Lab File: VX006486.D
Acq: 13 Dec 2018 10:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	26.1	23.2	34.8
58	62.4	51.4	77.0

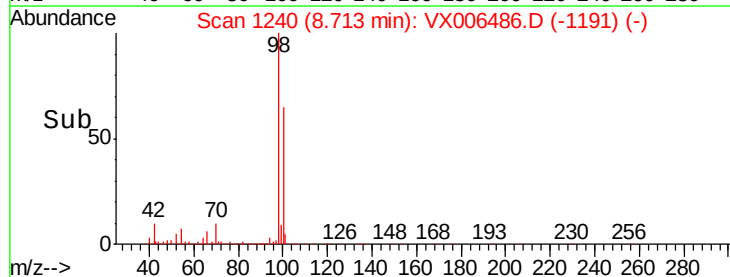
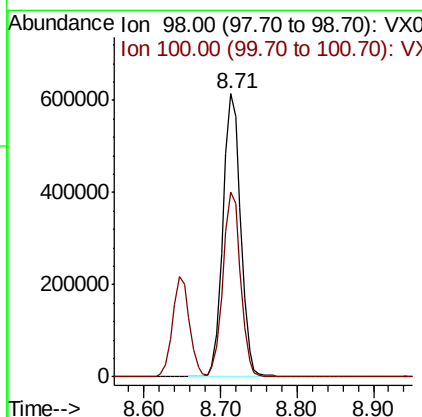
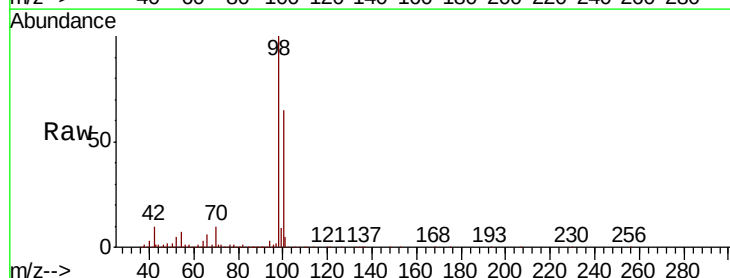
Manual Integrations
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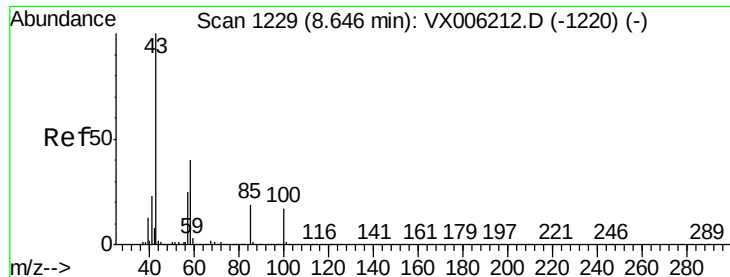
MMDadoda
12/14/2018 9:34:54 AM



#50
Toluene-d8
Concen: 50.594 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX006486.D
Acq: 13 Dec 2018 10:41

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.6	52.2	78.2





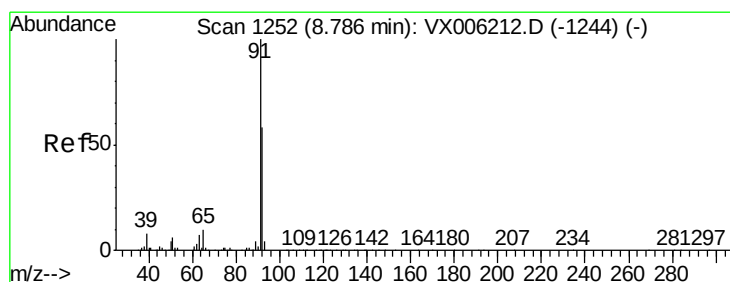
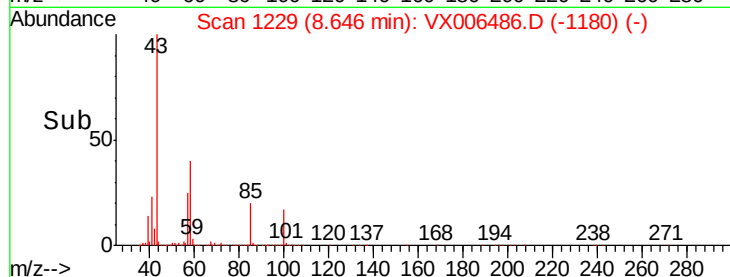
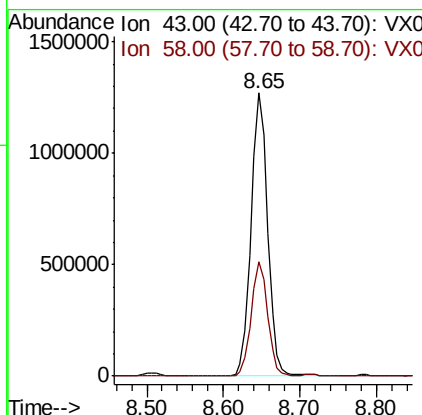
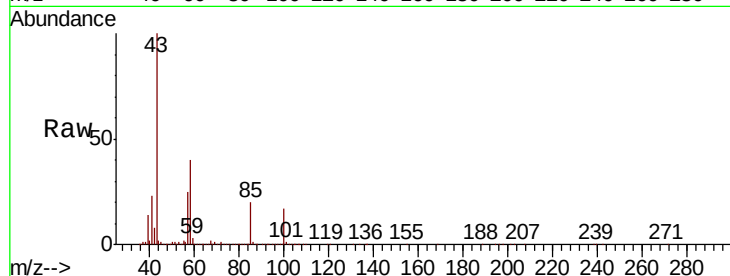
#51
 4-Methyl-2-Pentanone
 Concen: 253.773 ug/l
 RT: 8.65 min Scan# 1229
 Delta R.T. 0.00 min
 Lab File: VX006486.D
 Acq: 13 Dec 2018 10:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 43 Resp: 1922623
 Ion Ratio Lower Upper
 43 100
 58 40.2 31.3 46.9

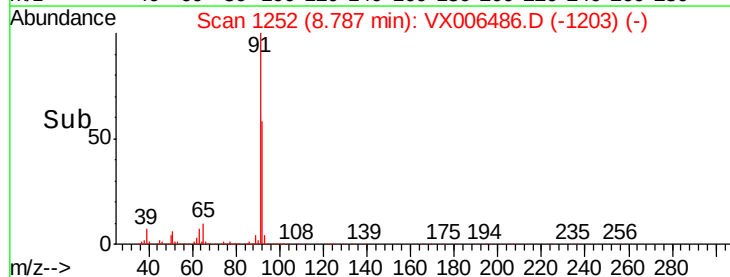
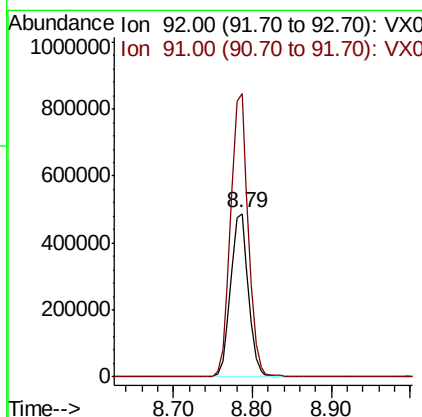
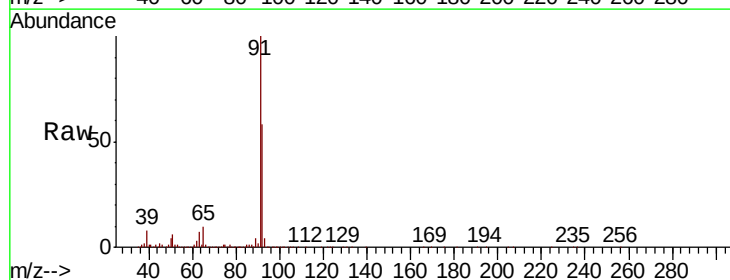
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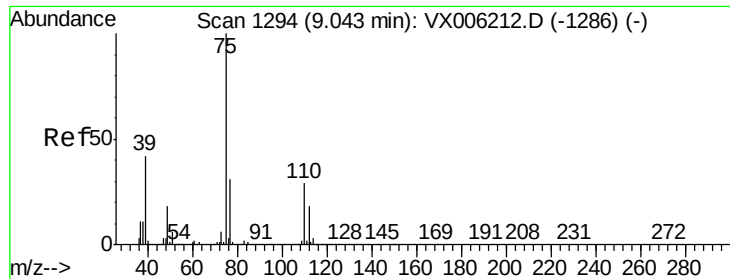
MMDadoda
 12/14/2018 9:34:54 AM



#52
 Toluene
 Concen: 55.771 ug/l
 RT: 8.79 min Scan# 1252
 Delta R.T. 0.00 min
 Lab File: VX006486.D
 Acq: 13 Dec 2018 10:41

Tgt Ion: 92 Resp: 765973
 Ion Ratio Lower Upper
 92 100
 91 172.2 139.2 208.8





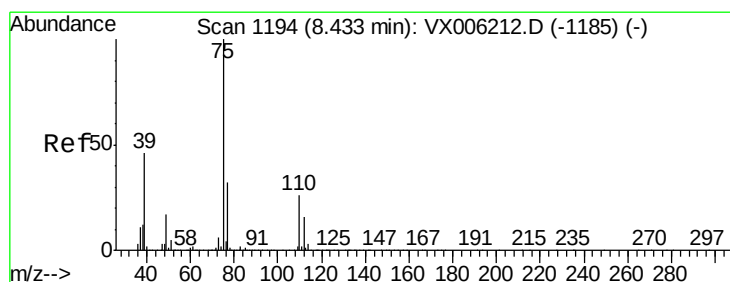
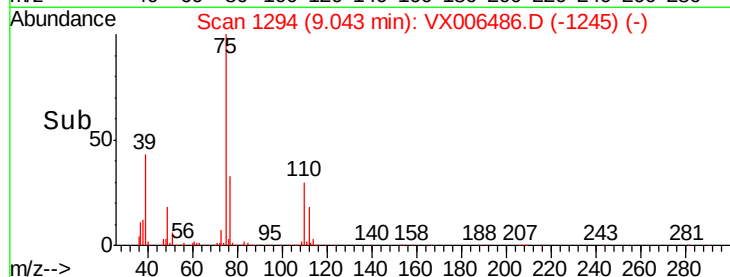
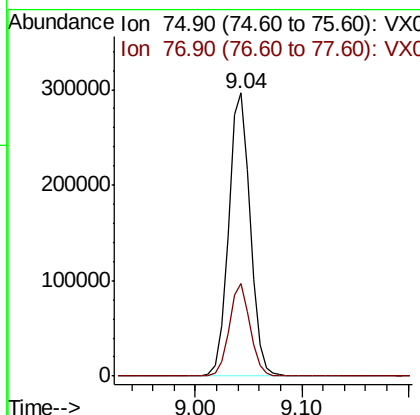
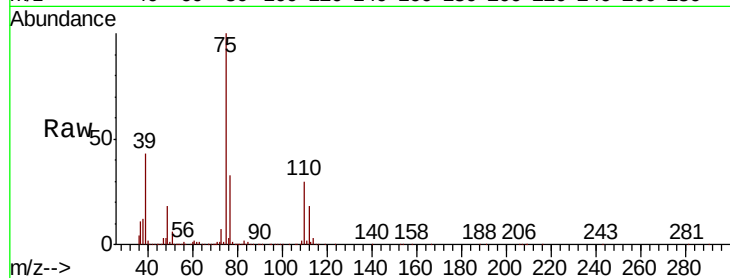
#53
t-1,3-Dichloropropene
Concen: 48.428 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. 0.00 min
Lab File: VX006486.D
Acq: 13 Dec 2018 10:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 75 Resp: 420278
Ion Ratio Lower Upper
75 100
77 32.8 25.0 37.4

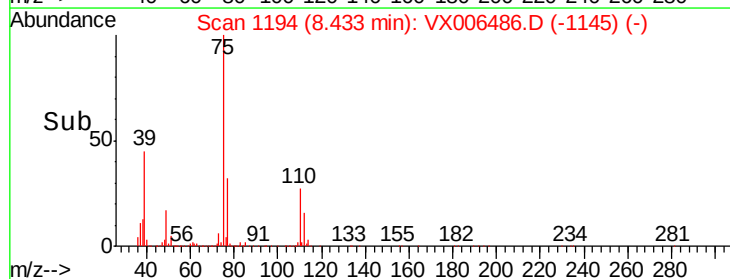
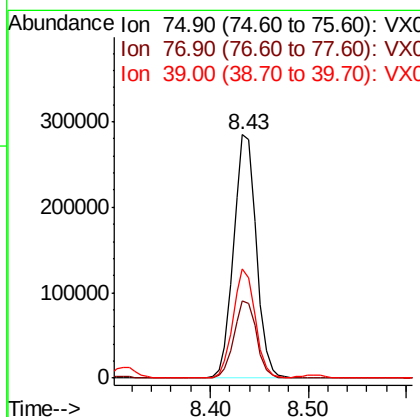
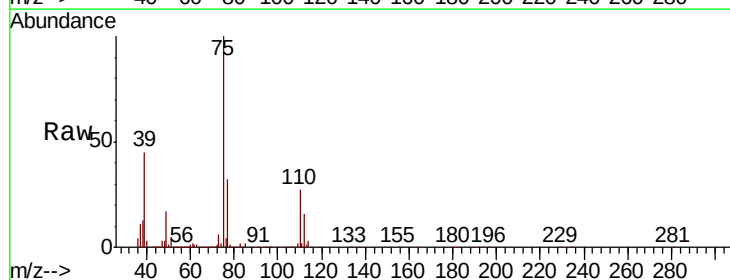
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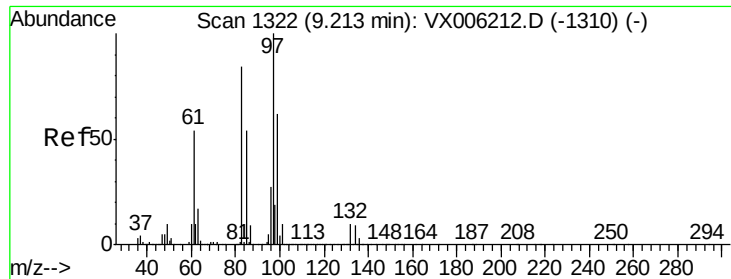
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 50.928 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. 0.00 min
Lab File: VX006486.D
Acq: 13 Dec 2018 10:41

Tgt Ion: 75 Resp: 458939
Ion Ratio Lower Upper
75 100
77 31.7 25.6 38.4
39 44.8 36.5 54.7





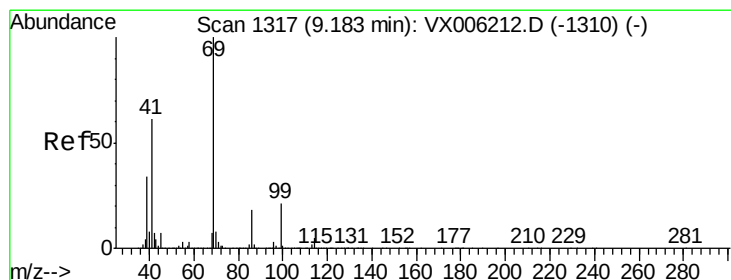
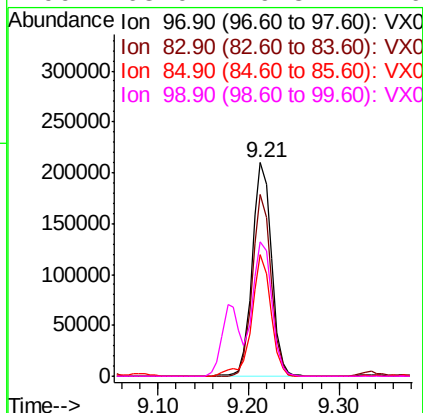
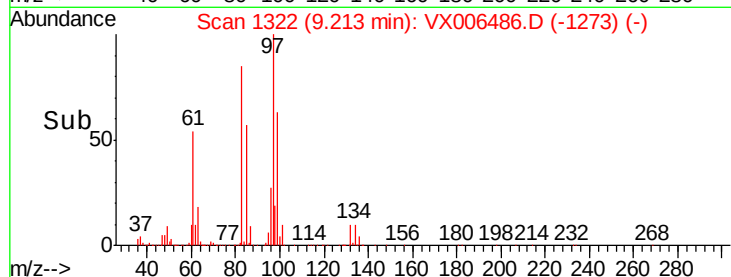
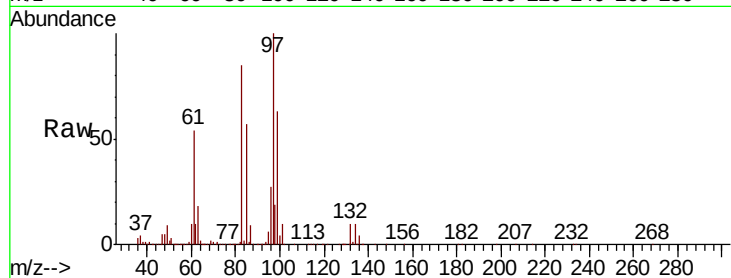
#55
 1,1,2-Trichloroethane
 Concen: 55.303 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX006486.D
 Acq: 13 Dec 2018 10:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
97	100		
83	85.1	67.1	100.7
85	56.9	43.2	64.8
99	63.0	49.8	74.6

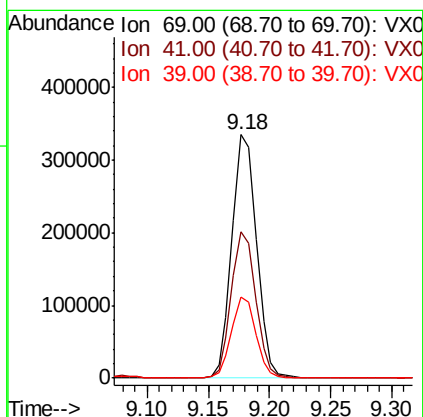
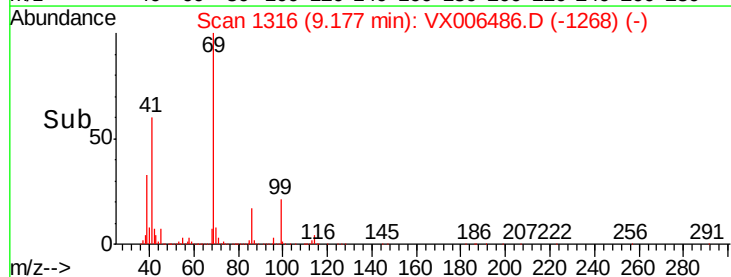
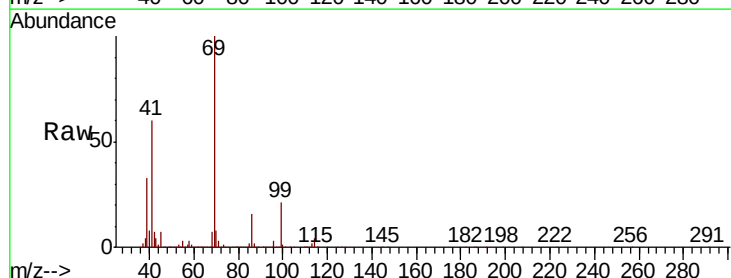
Manual Integrations
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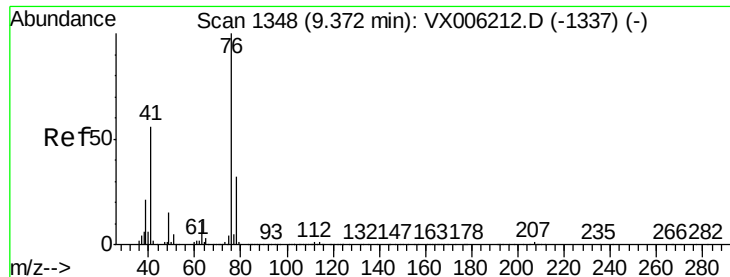
MMDadoda
 12/14/2018 9:34:54 AM



#56
 Ethyl methacrylate
 Concen: 53.654 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.01 min
 Lab File: VX006486.D
 Acq: 13 Dec 2018 10:41

Tgt Ion	Ratio	Lower	Upper
69	100		
41	59.8	50.6	76.0
39	32.8	27.6	41.4





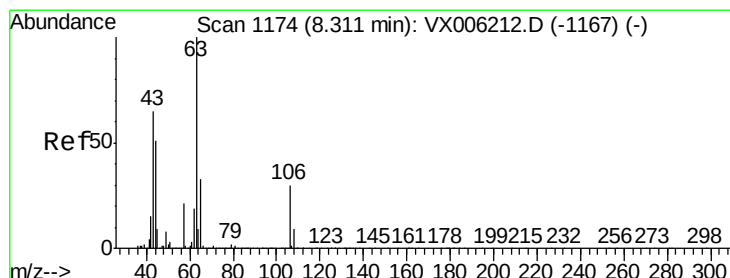
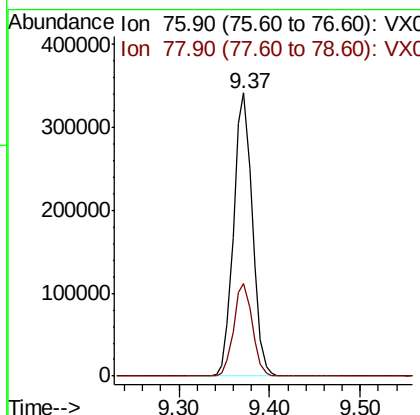
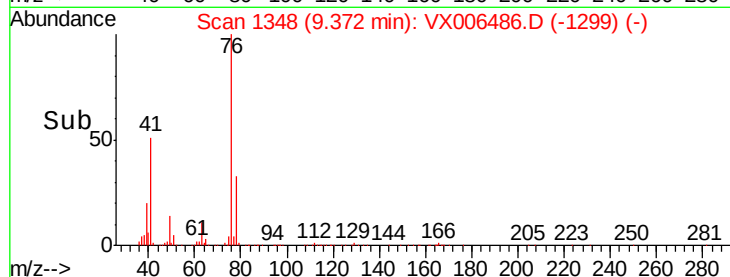
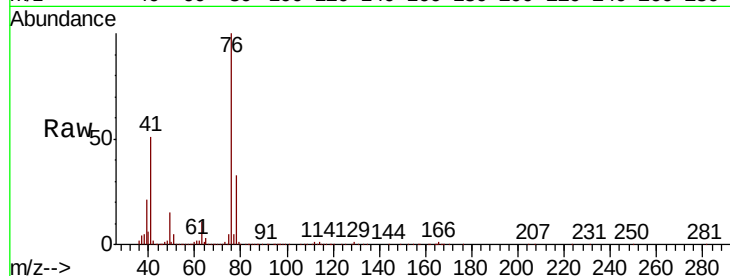
#57
 1,3-Dichloropropane
 Concen: 55.676 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. 0.00 min
 Lab File: VX006486.D
 Acq: 13 Dec 2018 10:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.5	26.1	39.1

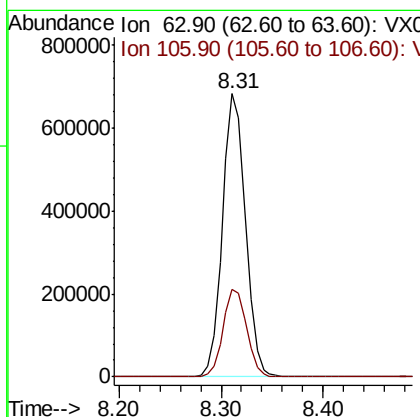
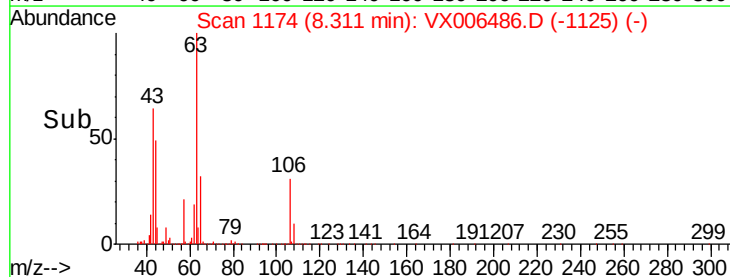
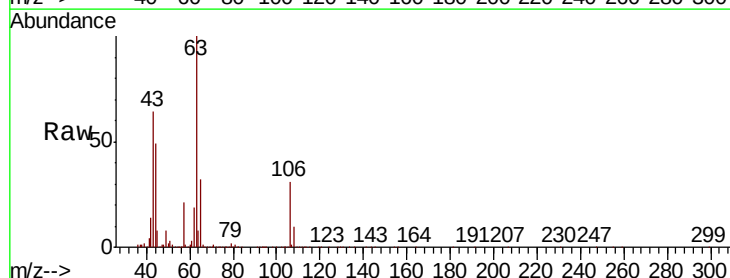
Manual Integrations
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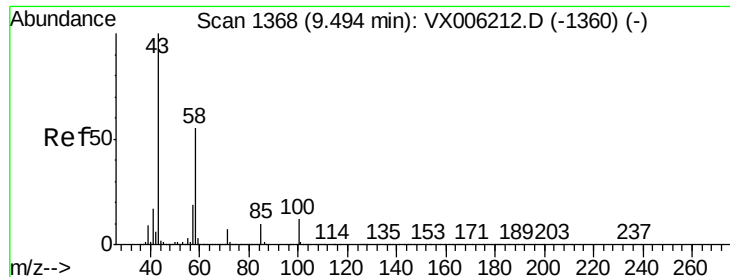
MMDadoda
 12/14/2018 9:34:54 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 241.467 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: VX006486.D
 Acq: 13 Dec 2018 10:41

Tgt Ion	Ratio	Lower	Upper
63	100		
106	31.8	24.9	37.3





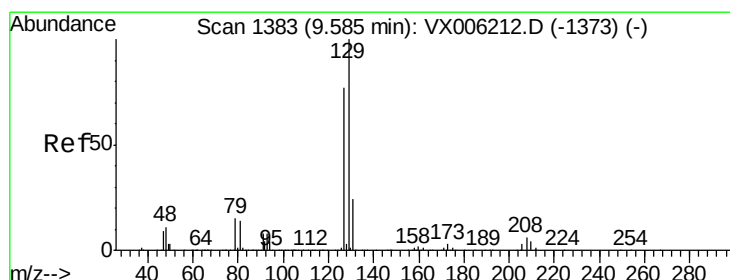
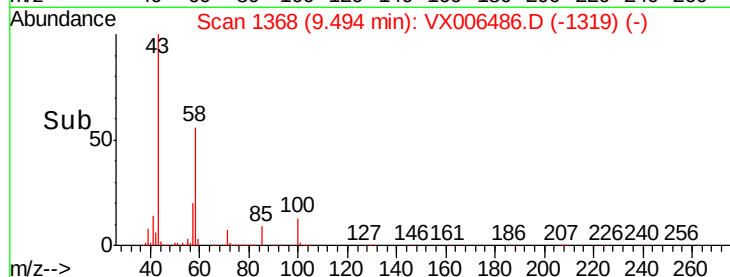
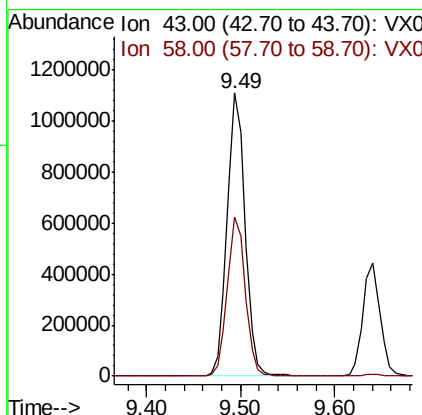
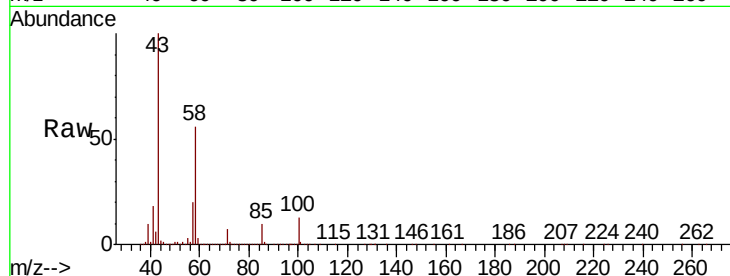
#59
2-Hexanone
Concen: 256.073 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VX006486.D
Acq: 13 Dec 2018 10:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 1482201
Ion Ratio Lower Upper
43 100
58 56.5 27.7 83.1

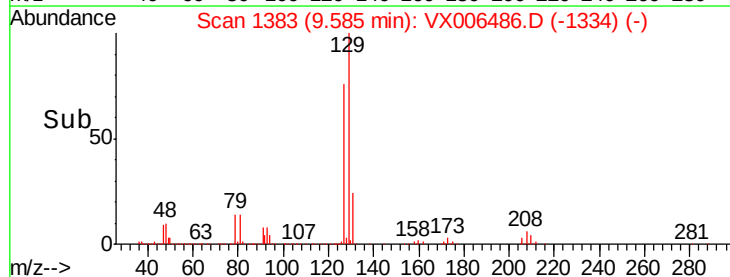
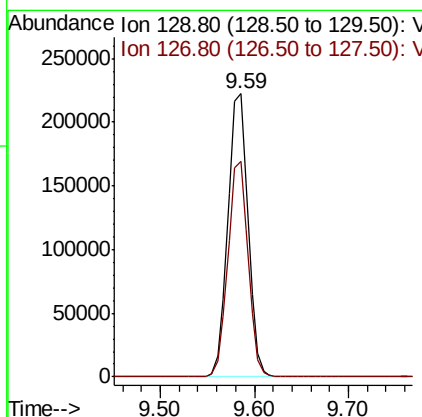
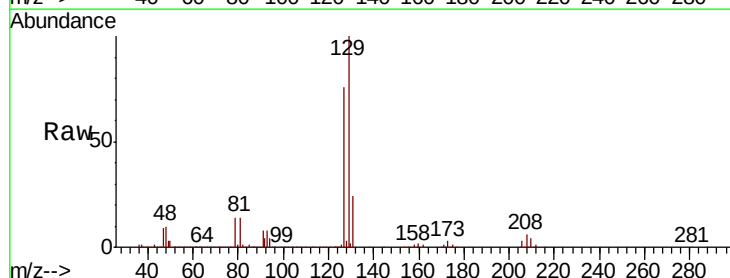
Manual Integrations
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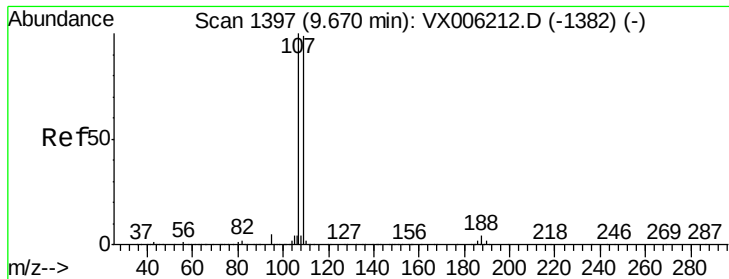
MMDadoda
12/14/2018 9:34:54 AM



#60
Dibromochloromethane
Concen: 48.260 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VX006486.D
Acq: 13 Dec 2018 10:41

Tgt Ion: 129 Resp: 332039
Ion Ratio Lower Upper
129 100
127 75.9 38.6 115.8





#61

1,2-Dibromoethane

Concen: 54.094 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX006486.D

Acq: 13 Dec 2018 10:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 107 Resp: 337489

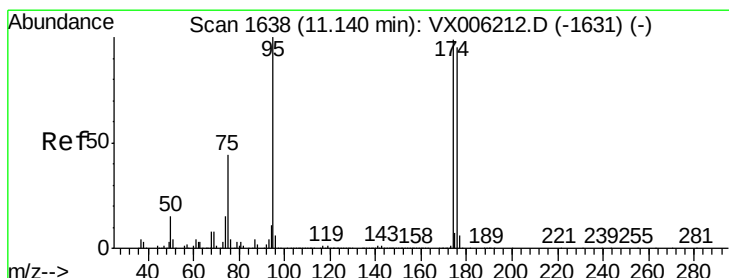
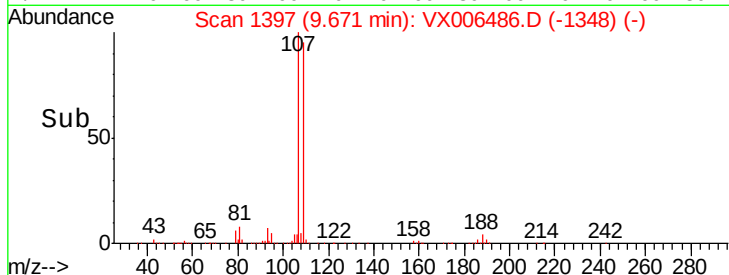
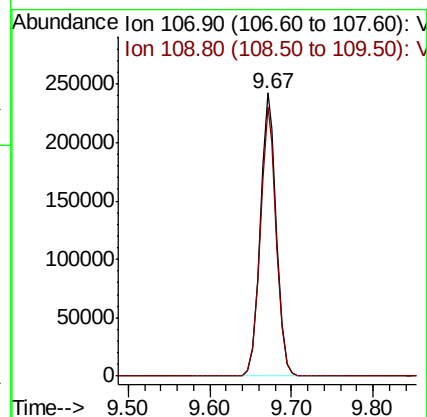
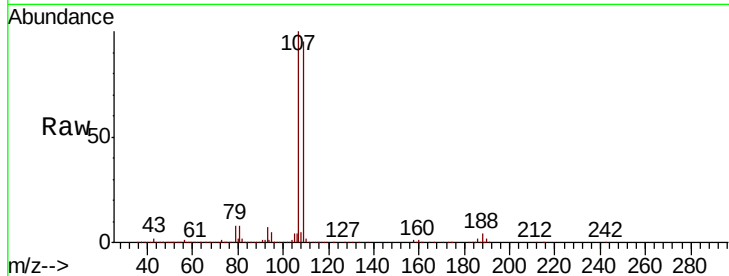
Ion Ratio Lower Upper

107 100

109 94.9 76.3 114.5

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#62

4-Bromofluorobenzene

Concen: 52.807 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.01 min

Lab File: VX006486.D

Acq: 13 Dec 2018 10:41

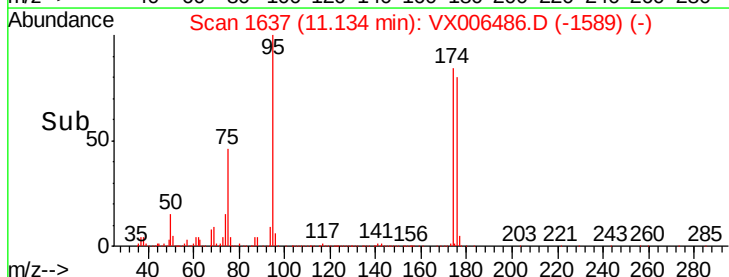
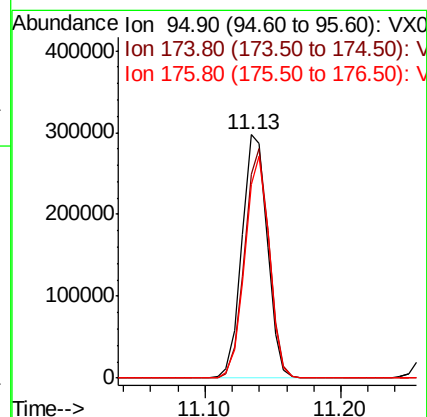
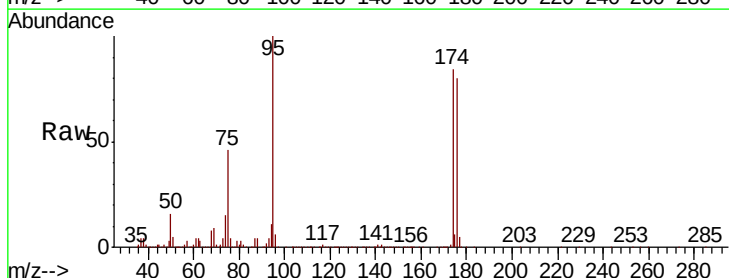
Tgt Ion: 95 Resp: 387899

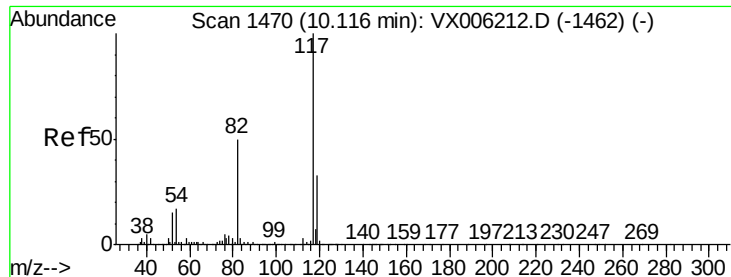
Ion Ratio Lower Upper

95 100

174 91.3 0.0 187.0

176 87.8 0.0 181.8





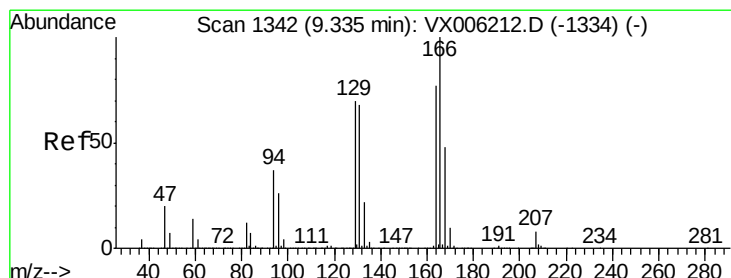
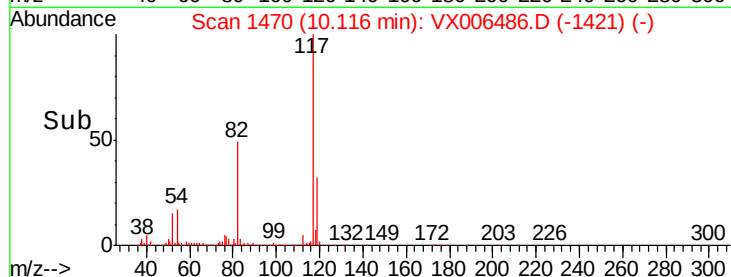
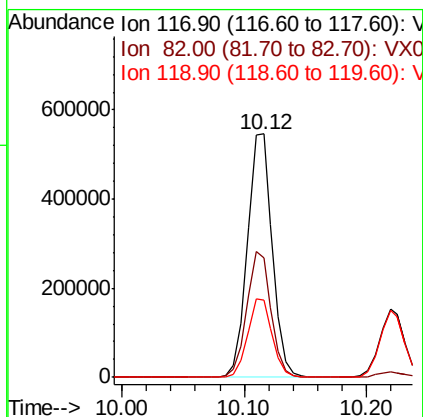
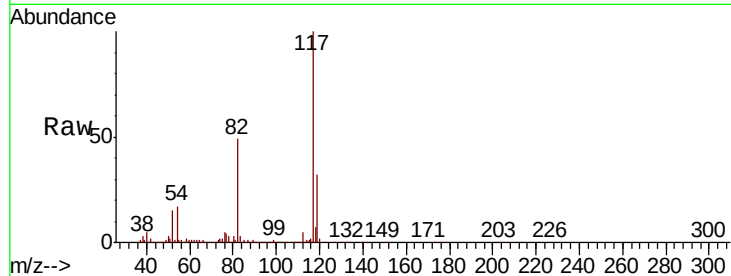
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX006486.D
Acq: 13 Dec 2018 10:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100	773592		
82	49.3		39.6	59.4
119	31.8		26.3	39.5

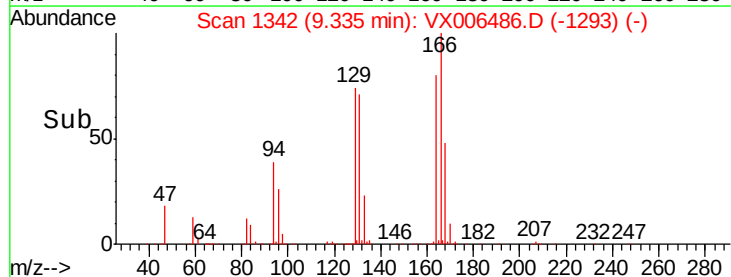
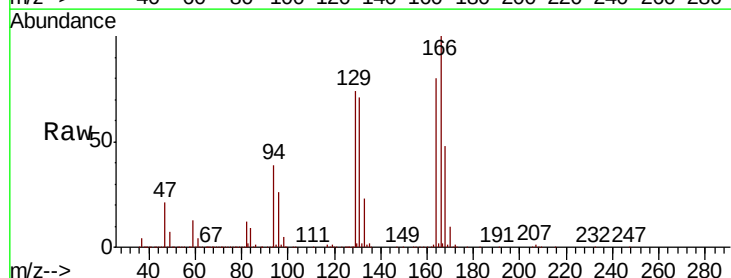
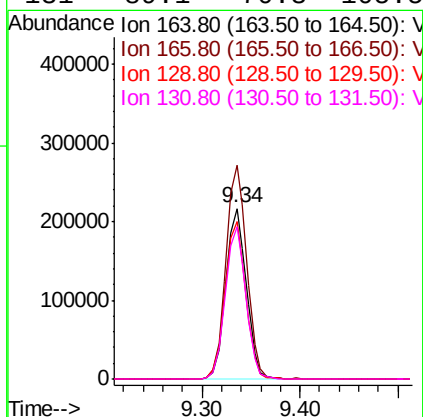
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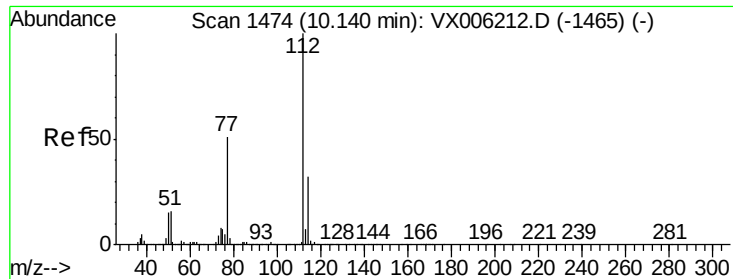
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#64
Tetrachloroethene
Concen: 54.263 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX006486.D
Acq: 13 Dec 2018 10:41

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	316126		
166	125.3		104.2	156.2
129	92.2		72.6	108.8
131	89.1		70.3	105.5





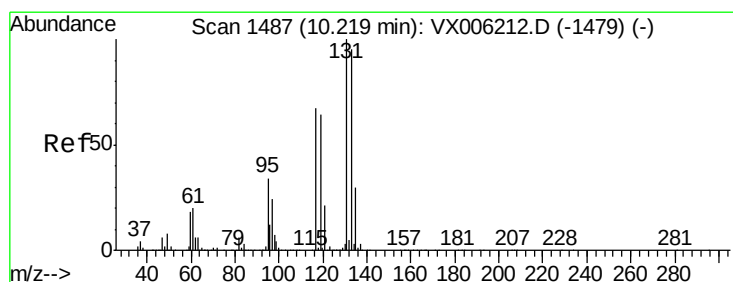
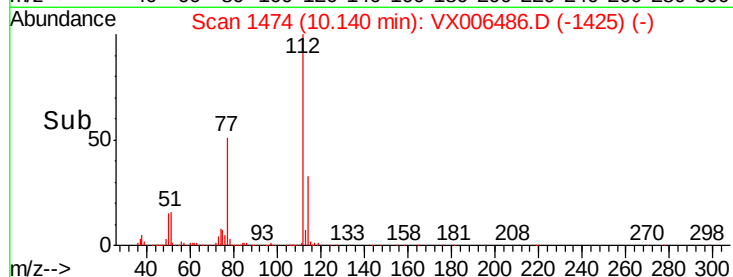
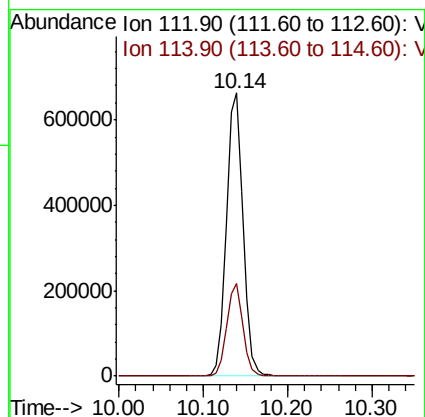
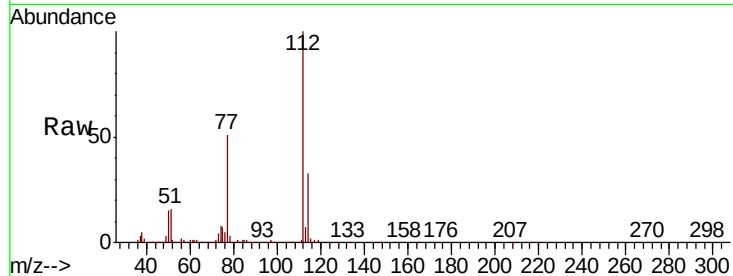
#65
Chlorobenzene
Concen: 55.197 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VX006486.D
Acq: 13 Dec 2018 10:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
112	100	906418		
114	32.5	25.4	38.2	

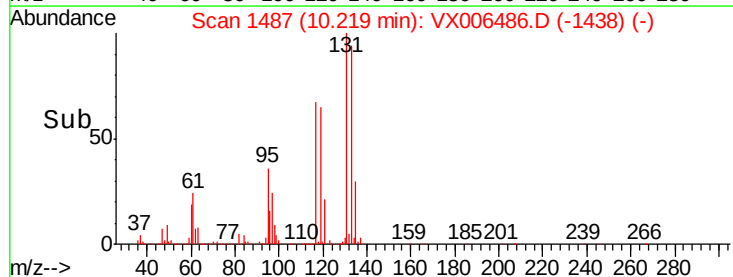
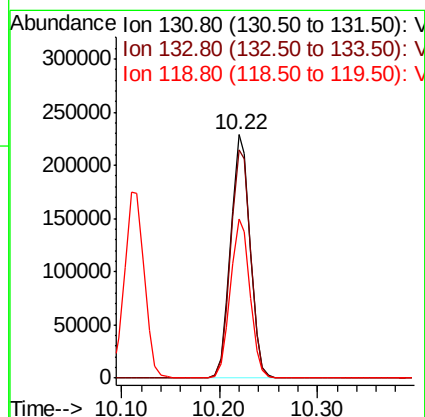
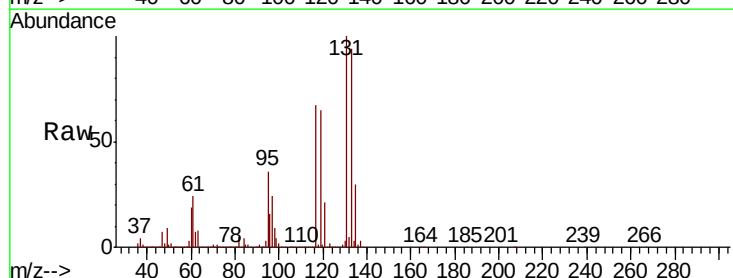
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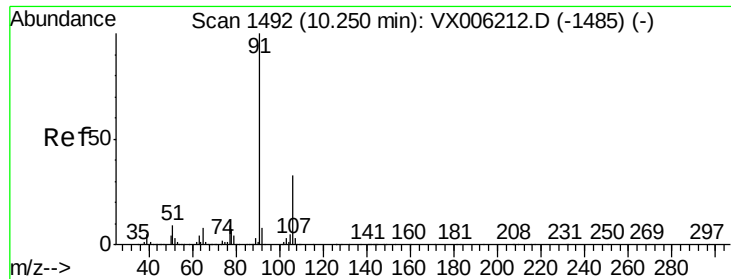
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#66
1,1,1,2-Tetrachloroethane
Concen: 49.509 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX006486.D
Acq: 13 Dec 2018 10:41

Tgt Ion	Ratio	Resp	Lower	Upper
131	100	315889		
133	96.4	48.1	144.4	
119	65.7	32.1	96.3	





#67

Ethyl Benzene

Concen: 54.577 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX006486.D

Acq: 13 Dec 2018 10:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 1490640

Ion Ratio Lower Upper

91 100

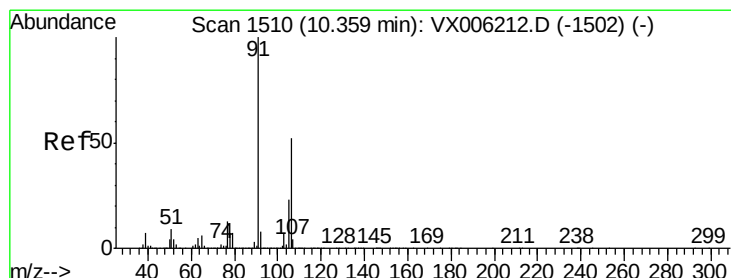
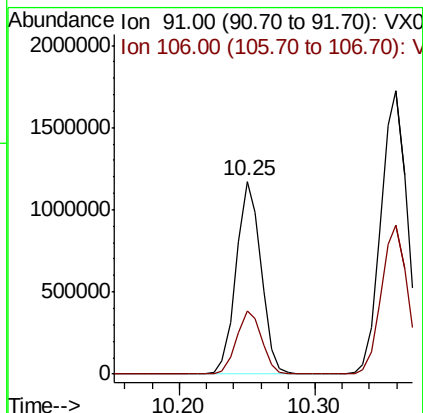
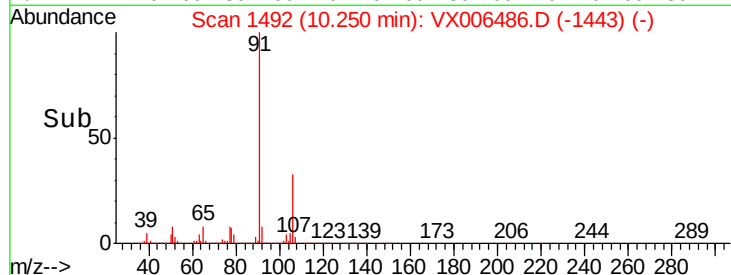
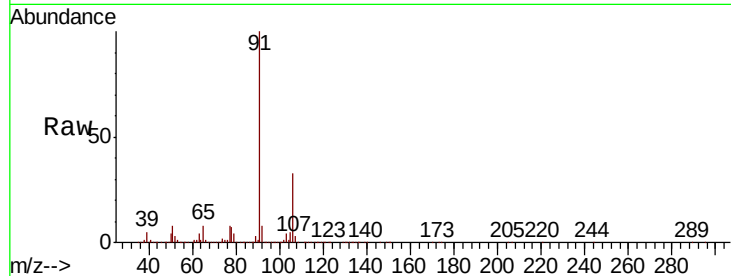
106 32.8 26.5 39.7

Manual Integrations

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#68

m/p-Xylenes

Concen: 110.128 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX006486.D

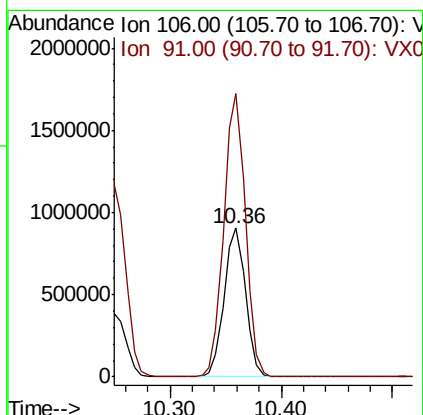
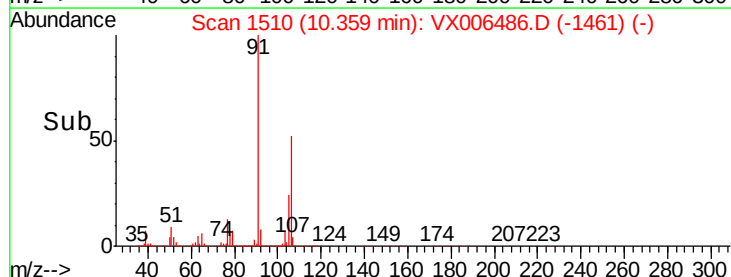
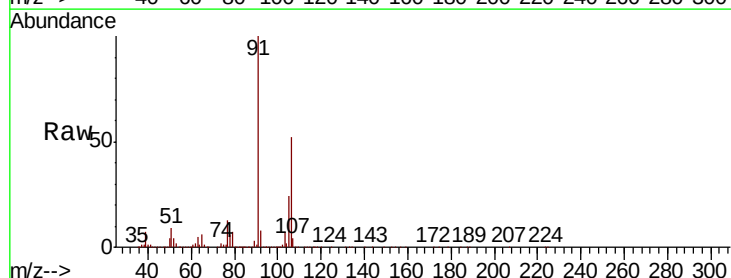
Acq: 13 Dec 2018 10:41

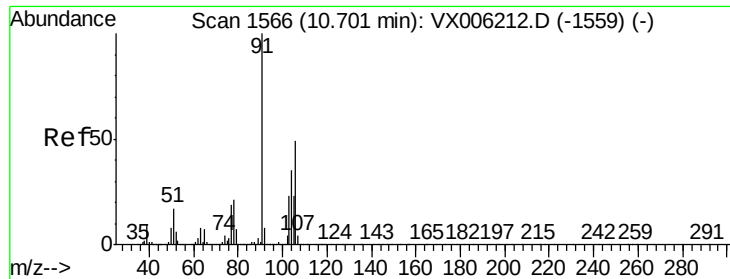
Tgt Ion: 106 Resp: 1204869

Ion Ratio Lower Upper

106 100

91 192.3 155.2 232.8





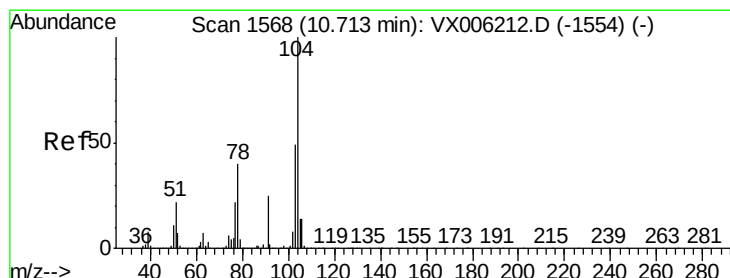
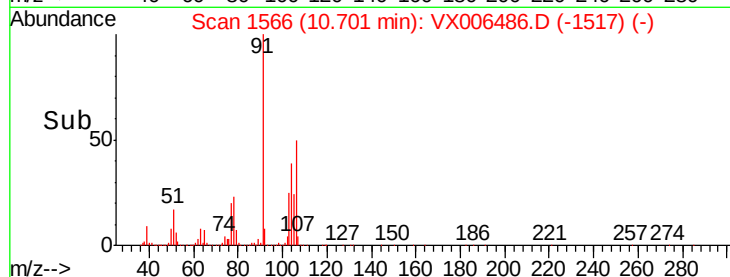
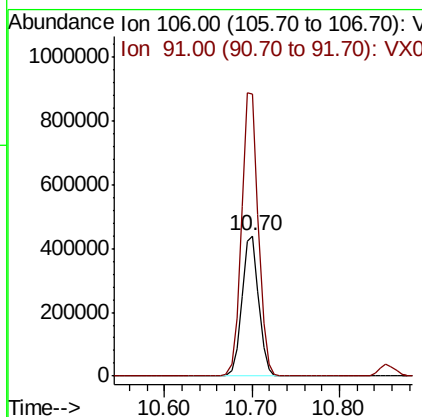
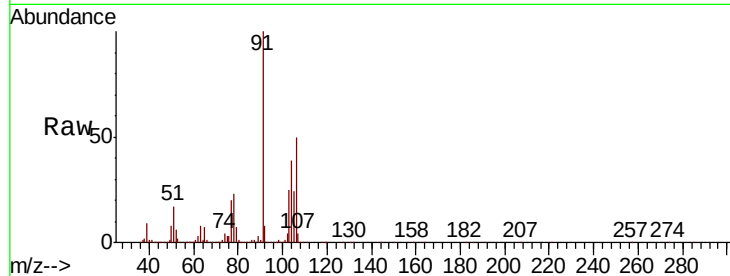
#69
o-Xylene
Concen: 54.157 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX006486.D
Acq: 13 Dec 2018 10:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
106	100		
91	203.2	101.8	305.6

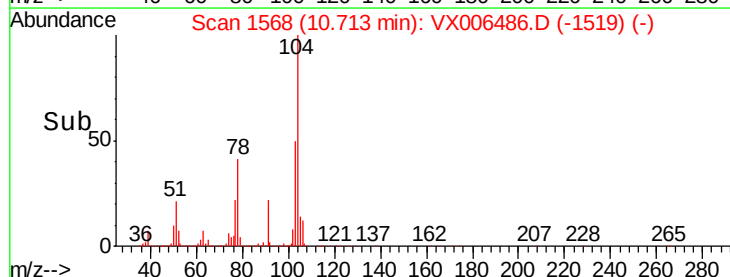
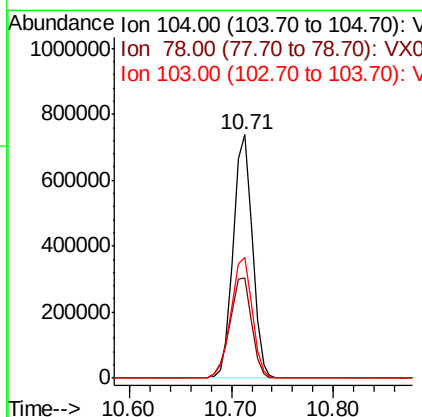
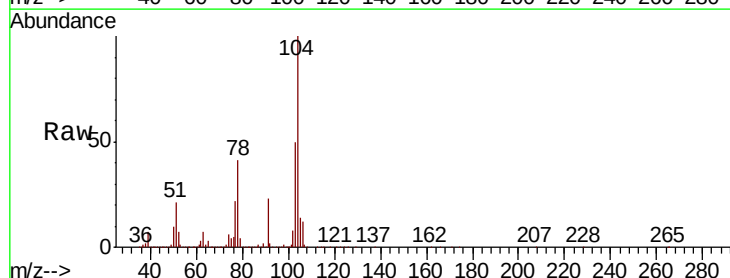
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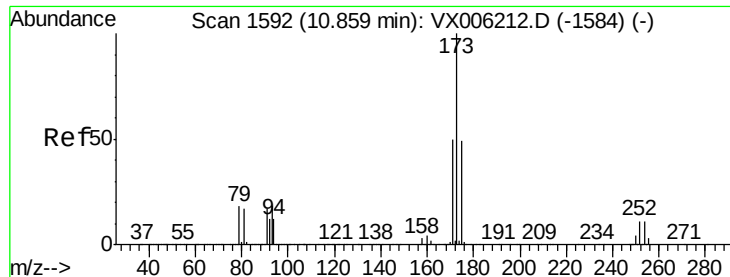
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#70
Styrene
Concen: 54.256 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX006486.D
Acq: 13 Dec 2018 10:41

Tgt Ion	Ratio	Lower	Upper
104	100		
78	47.2	37.2	55.8
103	55.2	43.5	65.3





#71

Bromoform

Concen: 41.778 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX006486.D

Acq: 13 Dec 2018 10:41

Instrument :

MSVOA_X

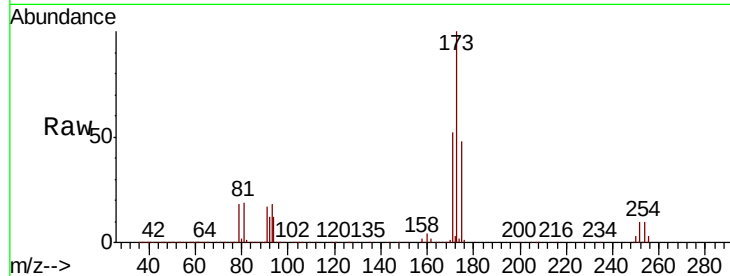
ClientSampleId :

VSTDCCC050

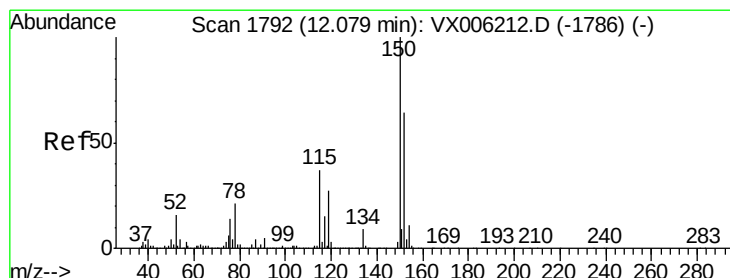
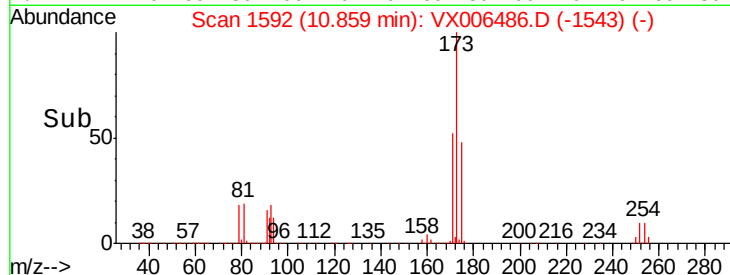
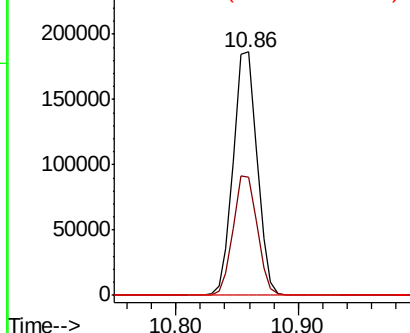
Tot Ion:	173	Resp:	251630
Ion Ratio	Lower	Upper	
173	100		
175	49.5	24.6	73.8
254	0.1	0.2	0.2#

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

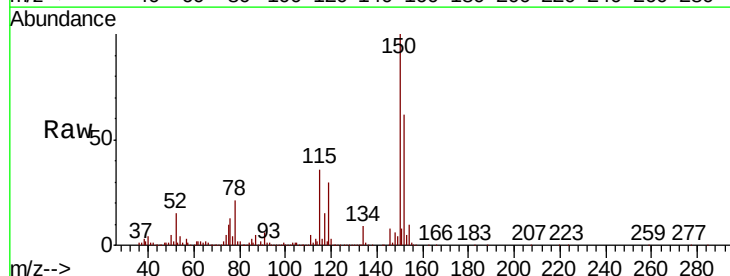
RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

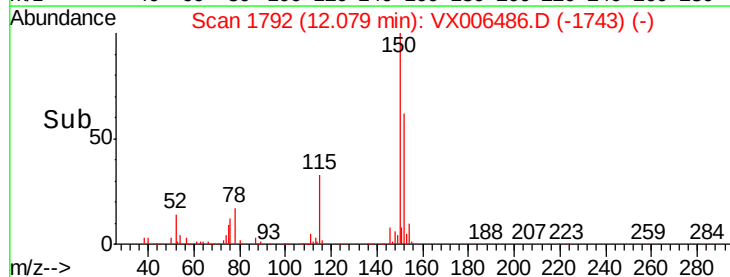
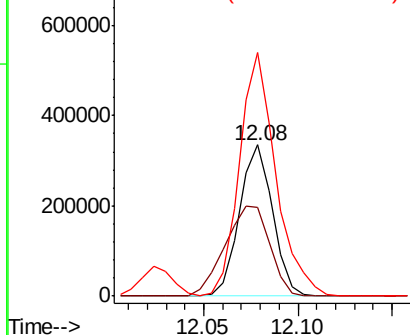
Lab File: VX006486.D

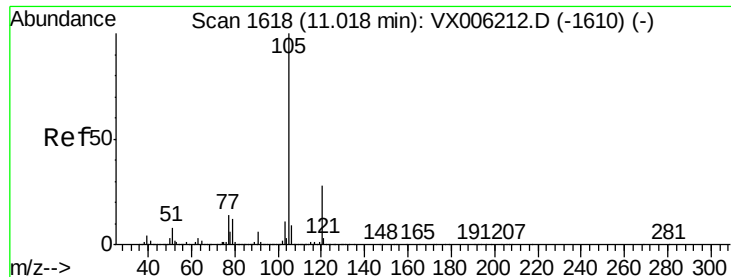
Acq: 13 Dec 2018 10:41

Tgt Ion:	152	Resp:	407711
Ion Ratio	Lower	Upper	
152	100		
115	81.0	39.0	116.9
150	176.9	0.0	345.8



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





#73

Isopropylbenzene

Concen: 54.893 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX006486.D

Acq: 13 Dec 2018 10:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 1545572

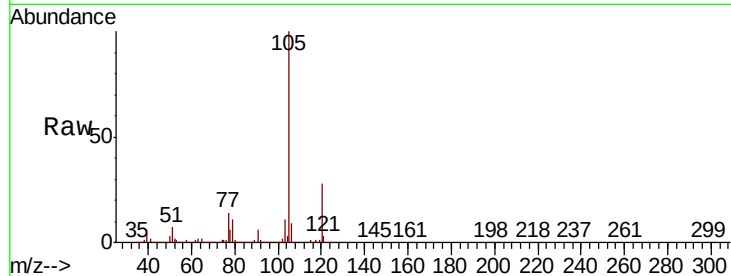
Ion Ratio Lower Upper

105 100

120 28.3 14.1 42.3

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

1500000

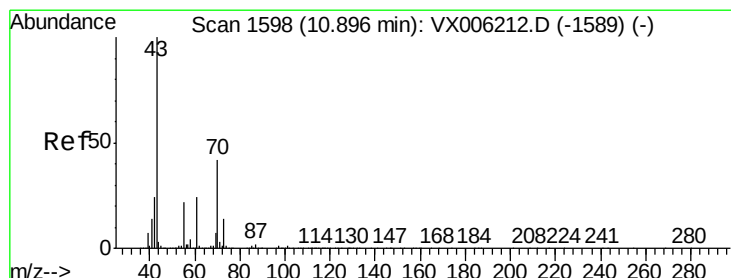
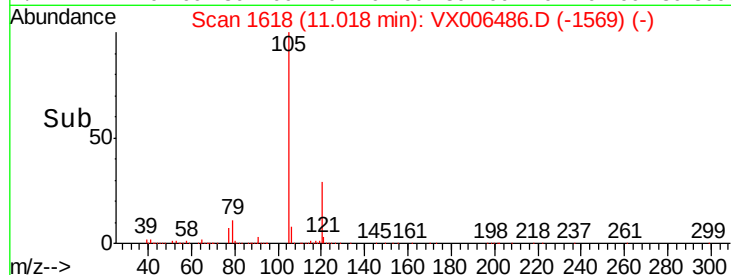
11.02

1000000

500000

0

Time--> 10.90 11.00 11.10



#74

N-ethyl acetate

Concen: 47.333 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX006486.D

Acq: 13 Dec 2018 10:41

Tgt Ion: 43 Resp: 573897

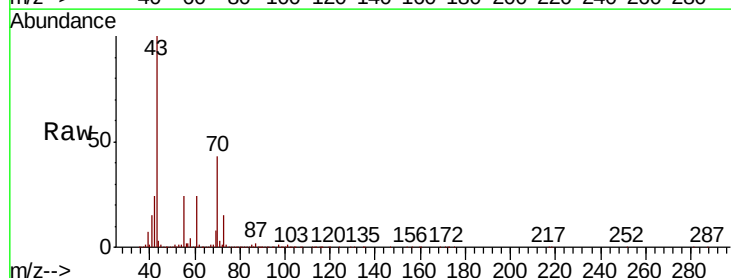
Ion Ratio Lower Upper

43 100

70 44.7 34.1 51.1

55 24.0 17.8 26.8

61 25.4 19.7 29.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

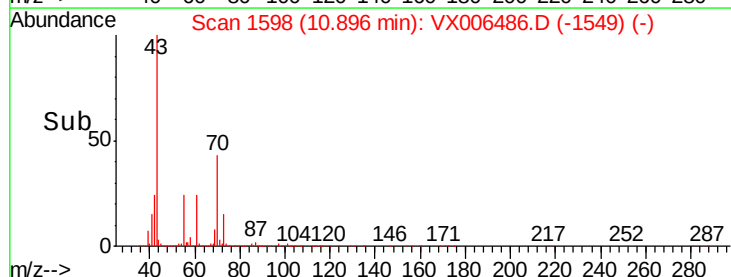
600000

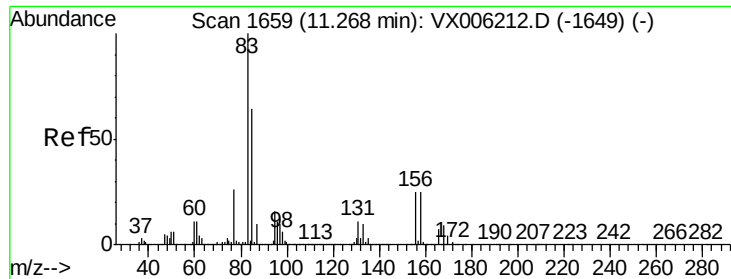
400000

200000

0

Time--> 10.80 10.90 11.00





#75

1,1,2,2-Tetrachloroethane

Concen: 51.098 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX006486.D

Acq: 13 Dec 2018 10:41

Instrument :

MSVOA_X

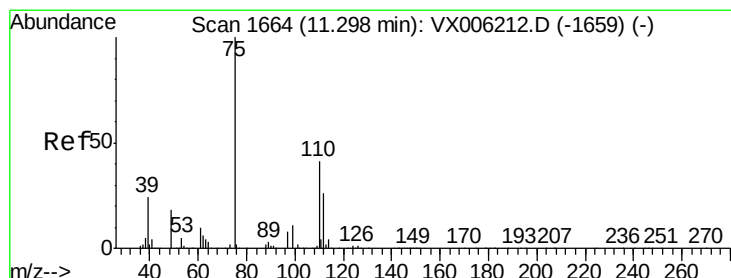
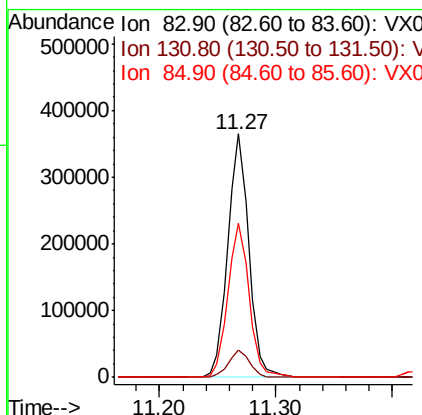
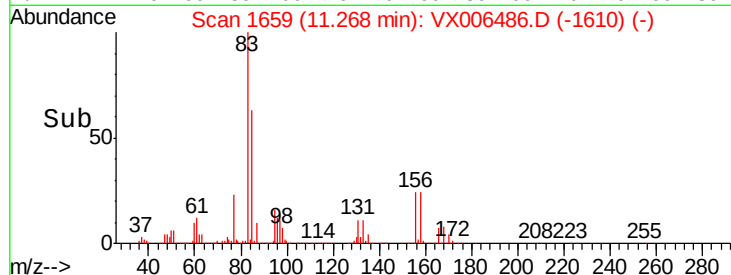
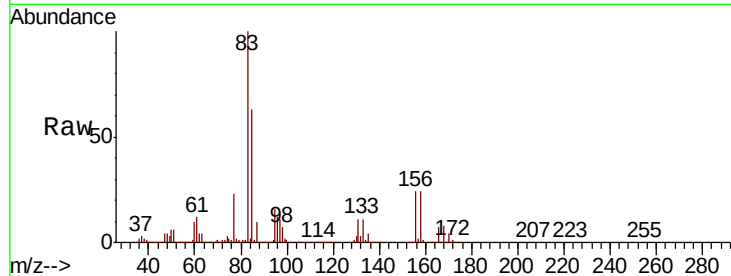
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	460273
Ion Ratio		Lower	Upper
83	100		
131	11.1	5.7	17.1
85	64.2	32.1	96.5

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#76

1,2,3-Trichloropropane

Concen: 54.990 ug/l m

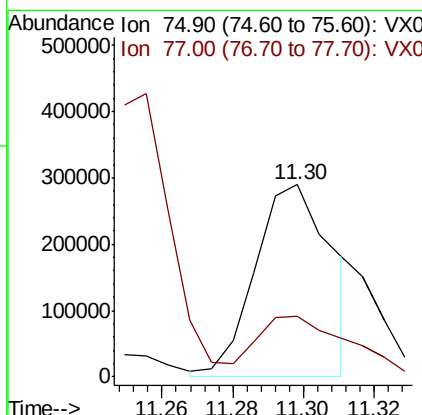
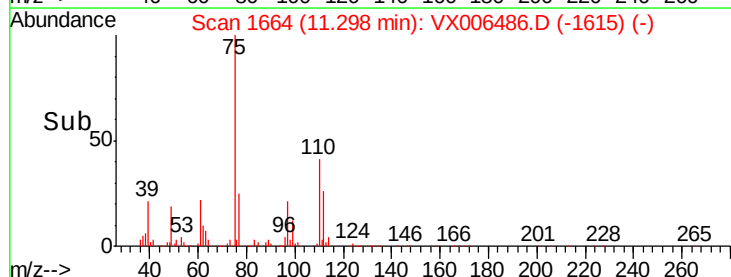
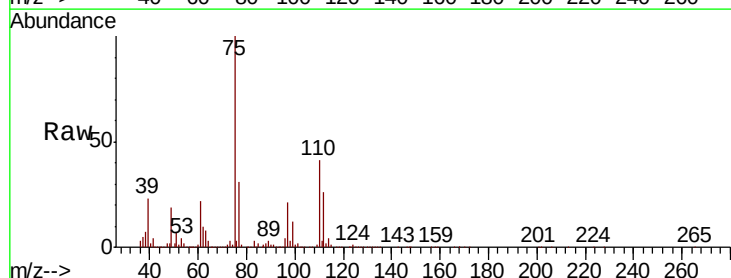
RT: 11.30 min Scan# 1664

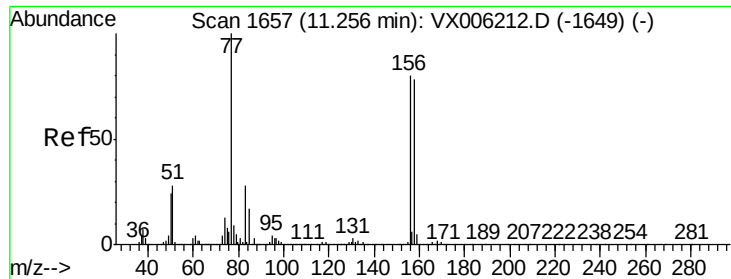
Delta R.T. 0.00 min

Lab File: VX006486.D

Acq: 13 Dec 2018 10:41

Tgt Ion:	75	Resp:	432740
Ion Ratio		Lower	Upper
75	100		
77	38.1	19.9	59.7





#77

Bromobenzene

Concen: 53.511 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX006486.D

Acq: 13 Dec 2018 10:41

Instrument :

MSVOA_X

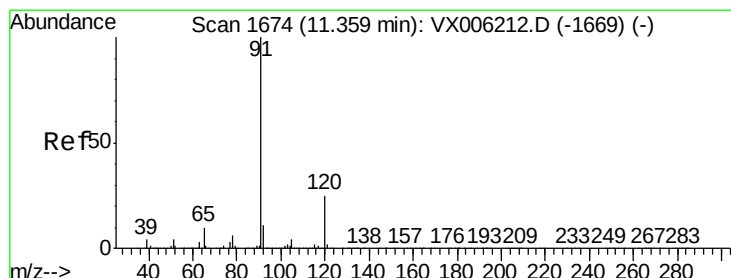
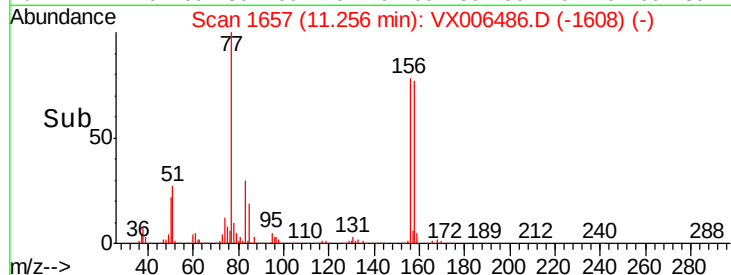
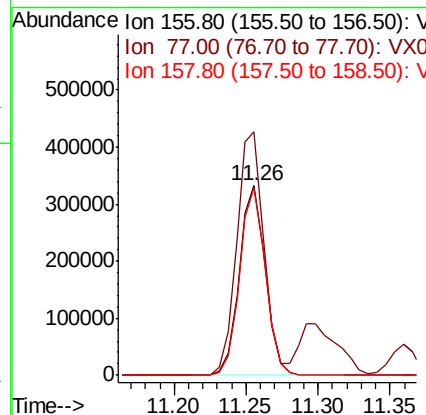
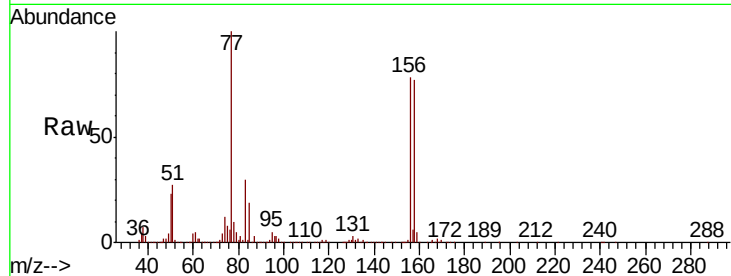
ClientSampleId :

VSTDCCC050

Tot Ion:	156	Resp:	418120
Ion Ratio	Lower	Upper	
156	100		
77	135.5	66.2	198.6
158	98.1	48.8	146.4

Manual Integrations
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12/14/2018 9:34:54 AM



#78

n-propylbenzene

Concen: 55.617 ug/l

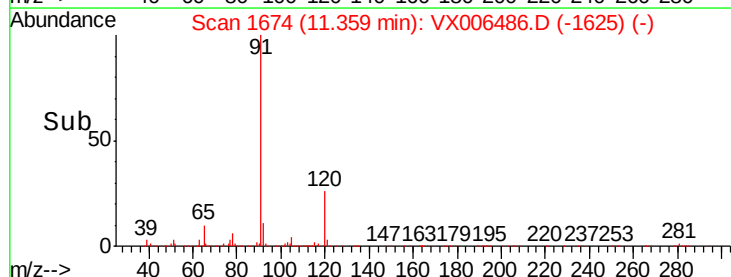
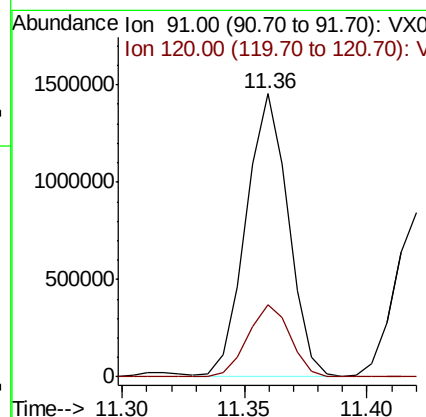
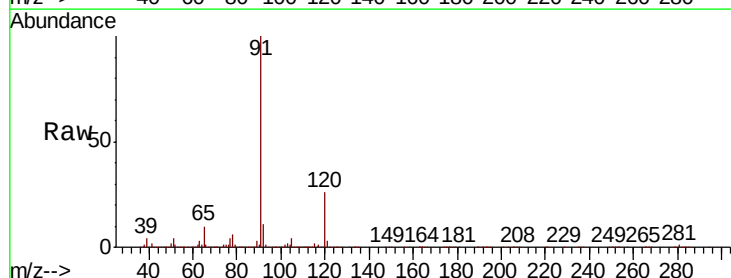
RT: 11.36 min Scan# 1674

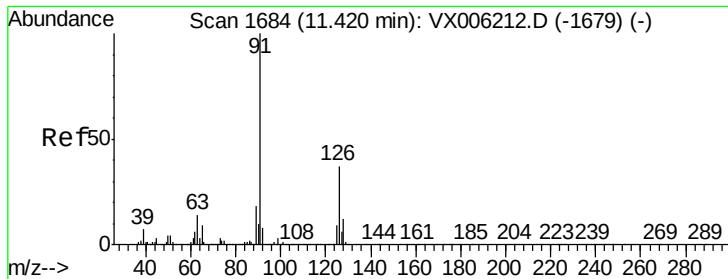
Delta R.T. 0.00 min

Lab File: VX006486.D

Acq: 13 Dec 2018 10:41

Tgt Ion:	91	Resp:	1740714
Ion Ratio	Lower	Upper	
91	100		
120	25.7	12.7	38.0





#79

2-Chlorotoluene

Concen: 55.086 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX006486.D

Acq: 13 Dec 2018 10:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 1024727

Ion Ratio Lower Upper

91 100

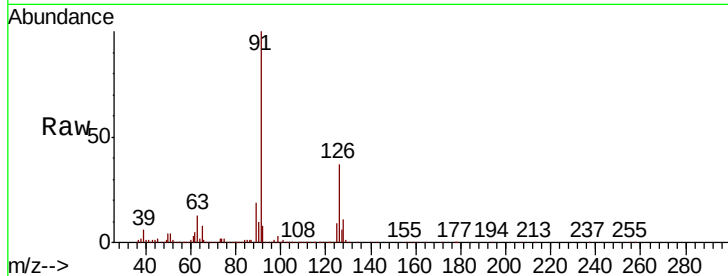
126 37.9 18.6 56.0

Manual Integrations

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Abundance Ion 91.00 (90.70 to 91.70): VX006486.D (-1679) (-)

Ion 125.90 (125.60 to 126.60): VX006486.D (-1679) (-)

1500000

1000000

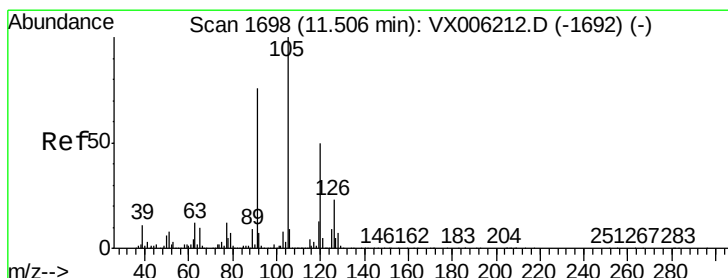
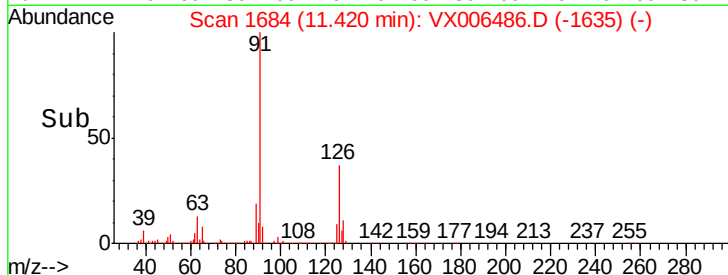
500000

0

11.42

11.45

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 55.636 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX006486.D

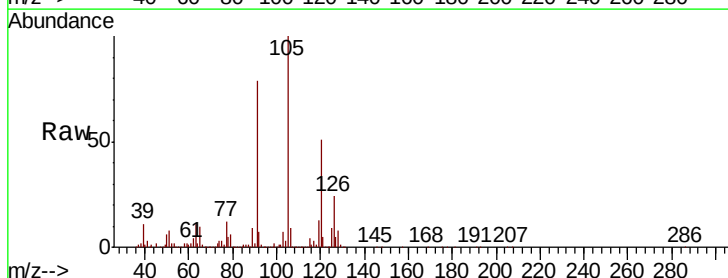
Acq: 13 Dec 2018 10:41

Tgt Ion: 105 Resp: 1303358

Ion Ratio Lower Upper

105 100

120 50.4 25.4 76.0



Abundance Ion 105.00 (104.70 to 105.70): VX006486.D (-1692) (-)

Ion 120.00 (119.70 to 120.70): VX006486.D (-1692) (-)

1200000

1000000

800000

600000

400000

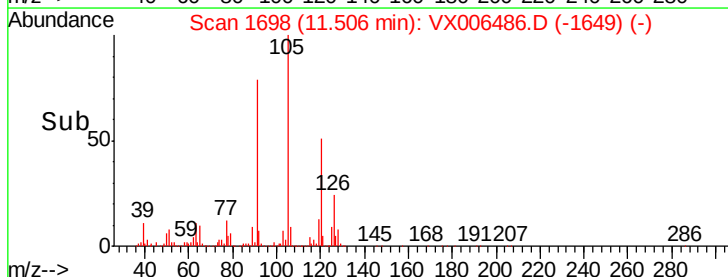
200000

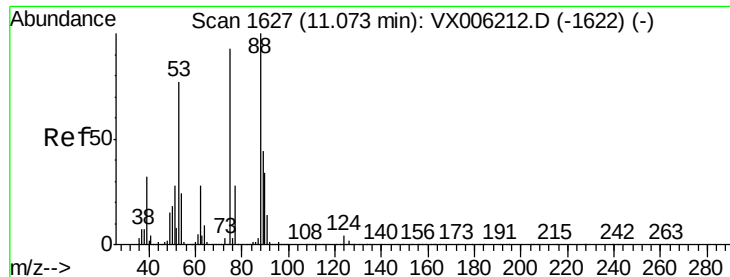
0

11.51

11.60

Time-->





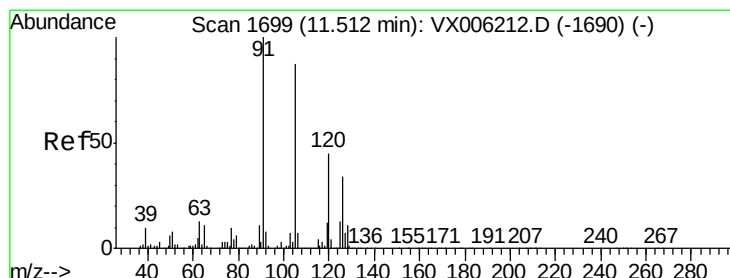
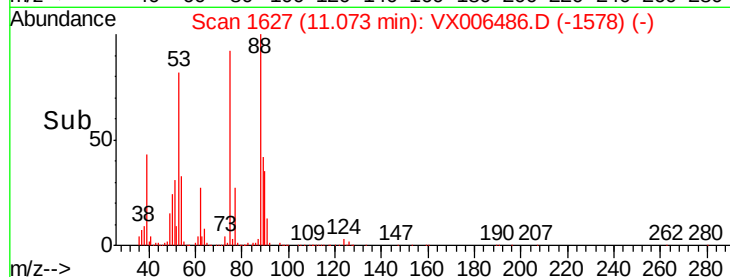
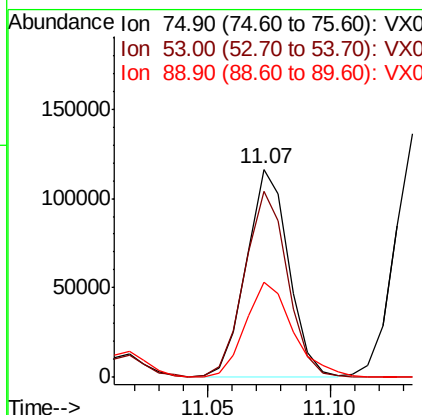
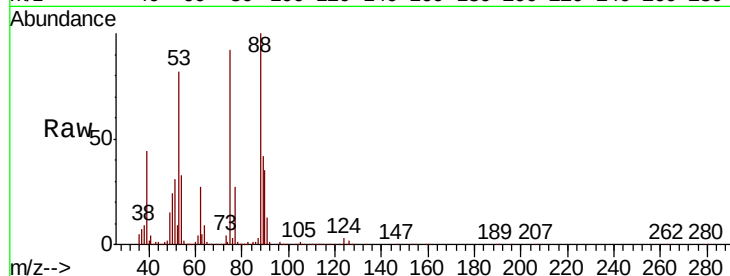
#81
trans-1,4-Dichloro-2-butene
Concen: 41.831 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX006486.D
Acq: 13 Dec 2018 10:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	90.4	64.4	96.6
89	51.7	44.2	66.4

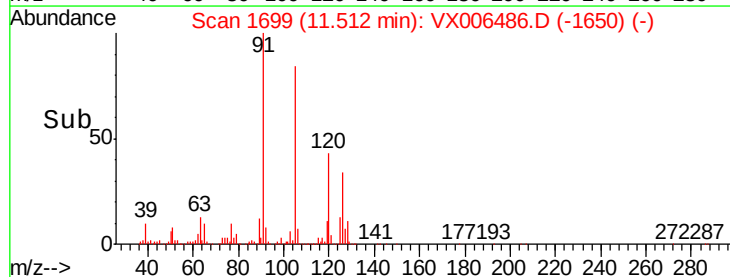
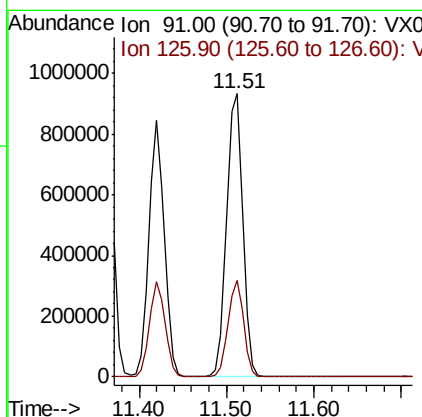
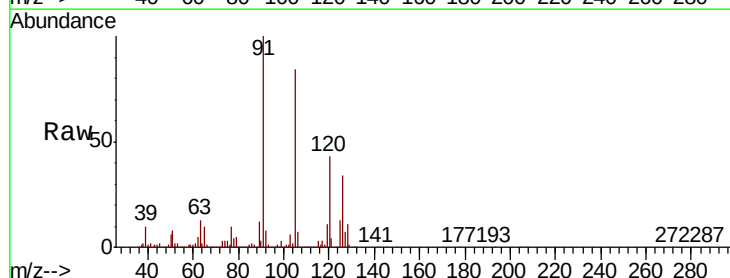
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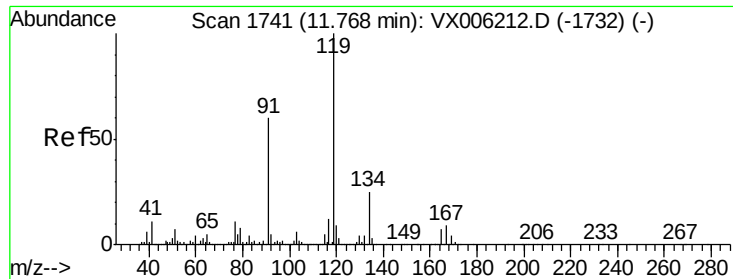
MMDadoda
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#82
4-Chlorotoluene
Concen: 55.081 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. 0.00 min
Lab File: VX006486.D
Acq: 13 Dec 2018 10:41

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.9	16.4	49.4





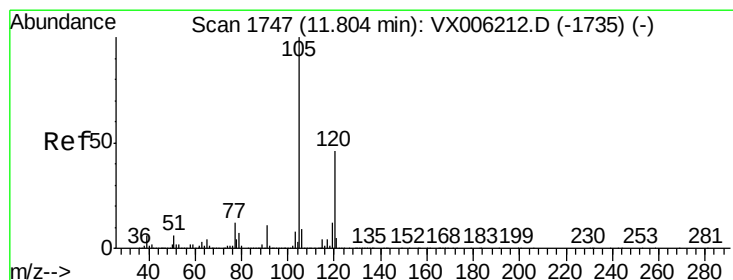
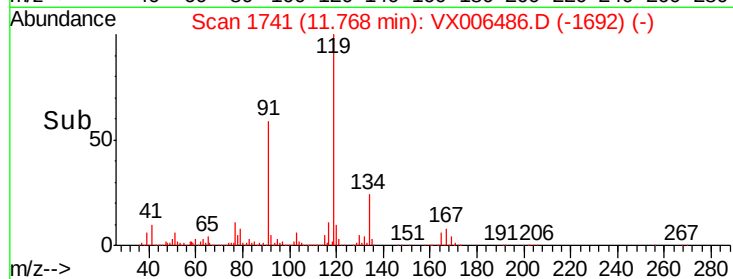
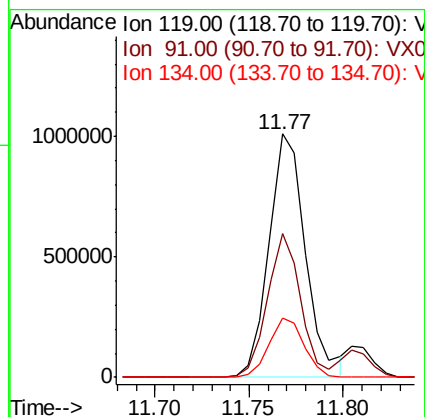
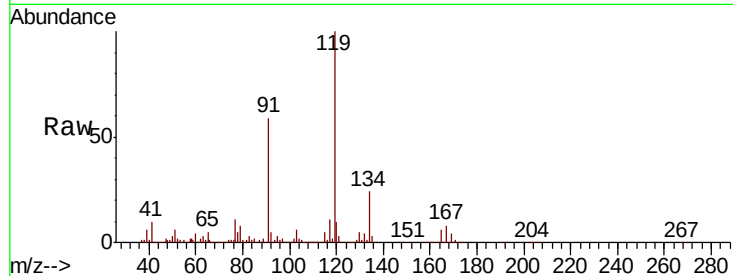
#83
tert-Butylbenzene
Concen: 54.293 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX006486.D
Acq: 13 Dec 2018 10:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	53.4	26.4	79.2
134	23.5	11.6	34.7

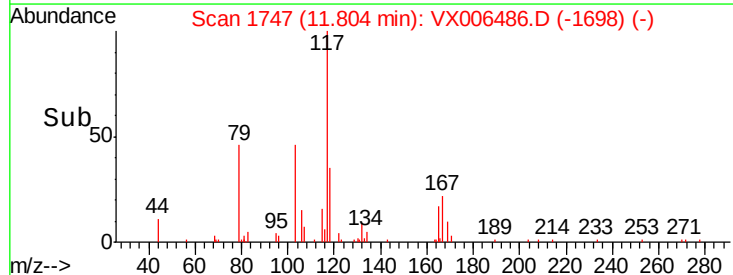
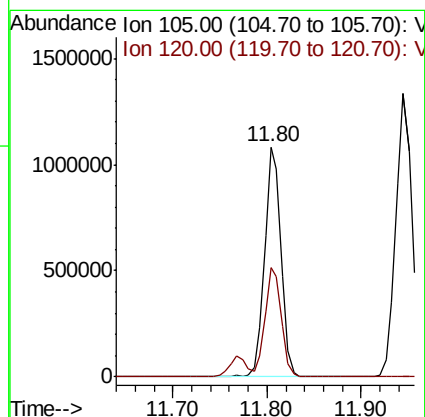
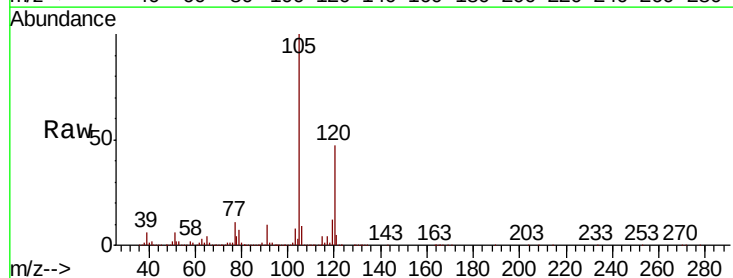
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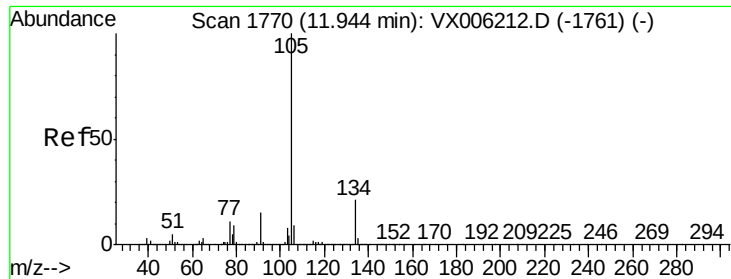
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#84
1,2,4-Trimethylbenzene
Concen: 55.172 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VX006486.D
Acq: 13 Dec 2018 10:41

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.9	23.4	70.0





#85

sec-Butylbenzene

Concen: 56.507 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX006486.D

Acq: 13 Dec 2018 10:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 1606809

Ion Ratio Lower Upper

105 100

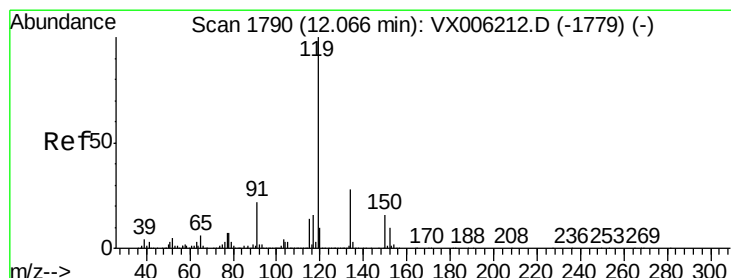
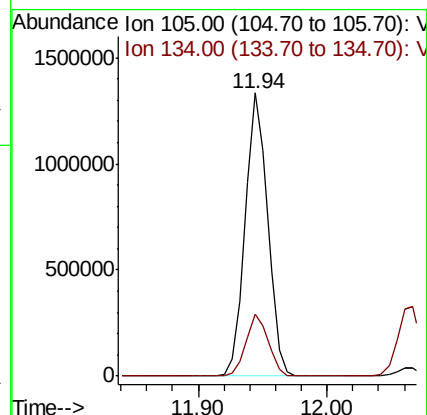
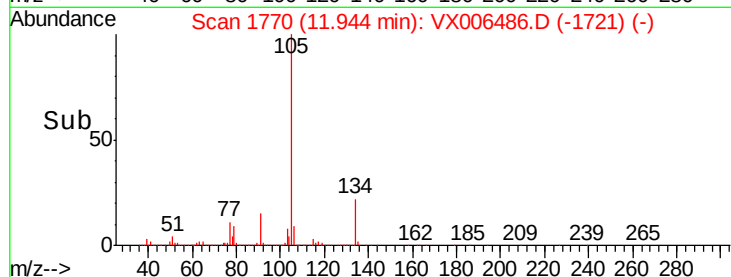
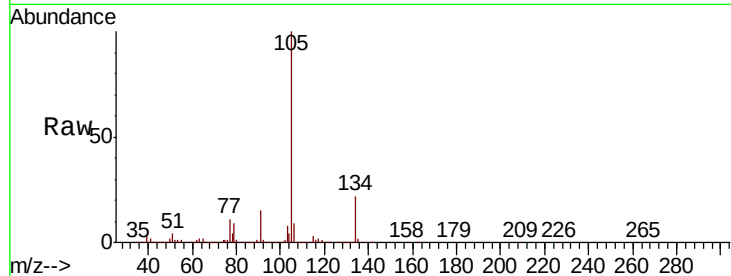
134 21.7 10.8 32.4

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#86

p-Isopropyltoluene

Concen: 56.671 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.01 min

Lab File: VX006486.D

Acq: 13 Dec 2018 10:41

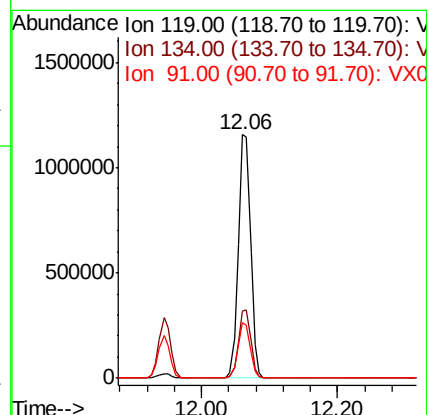
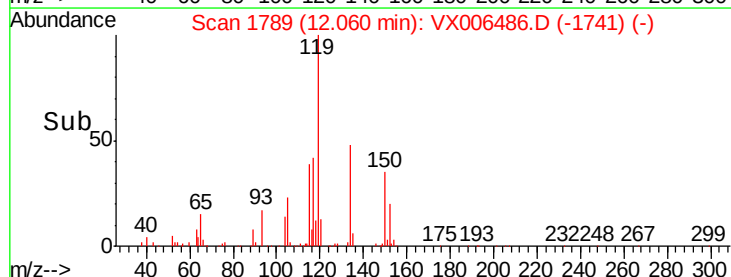
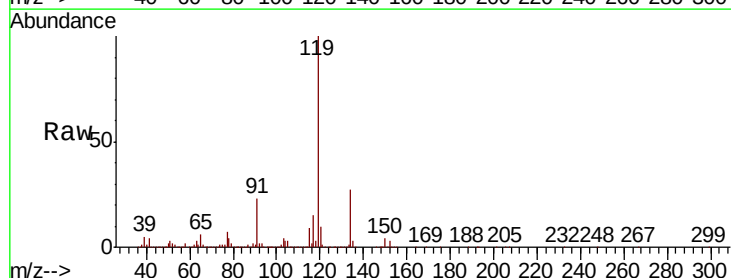
Tgt Ion:119 Resp: 1451075

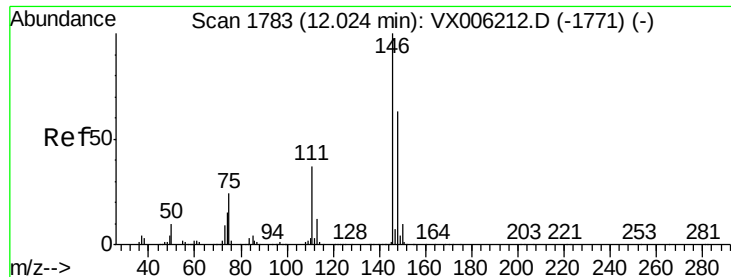
Ion Ratio Lower Upper

119 100

134 27.9 13.9 41.6

91 22.4 11.3 33.8





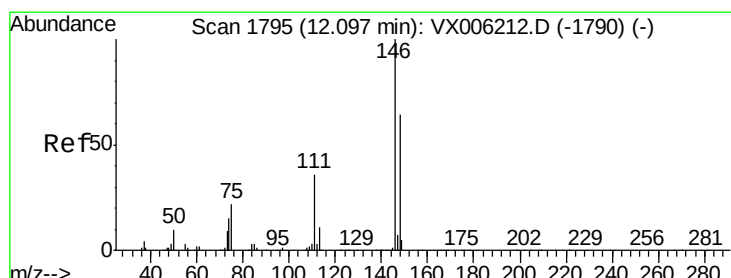
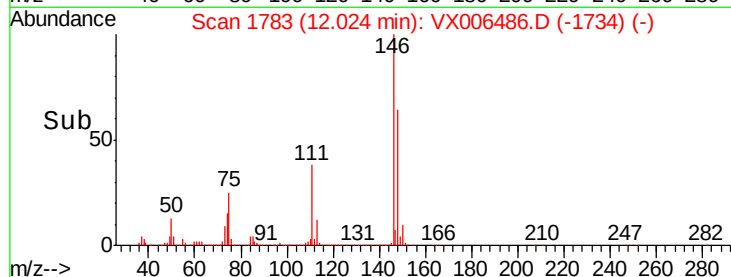
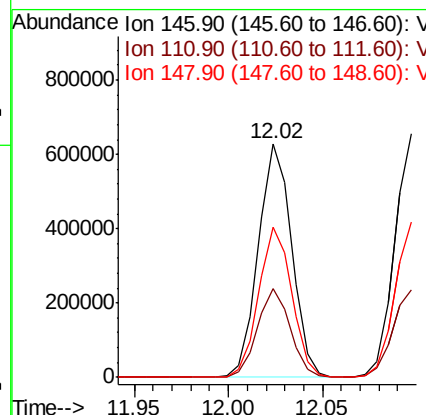
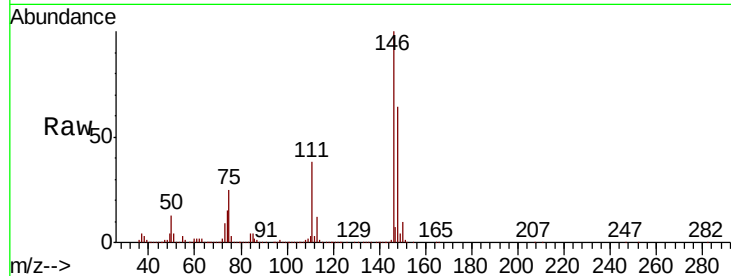
#87
 1,3-Dichlorobenzene
 Concen: 55.496 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX006486.D
 Acq: 13 Dec 2018 10:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.1	18.4	55.2
148	64.0	32.0	96.0

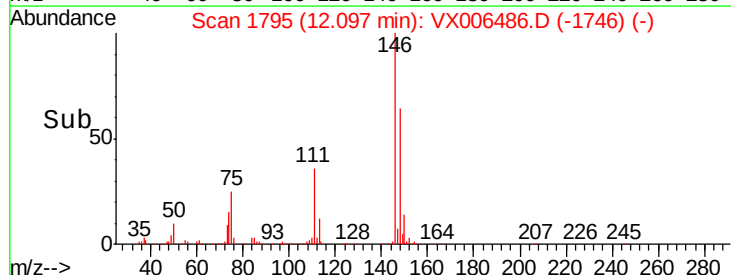
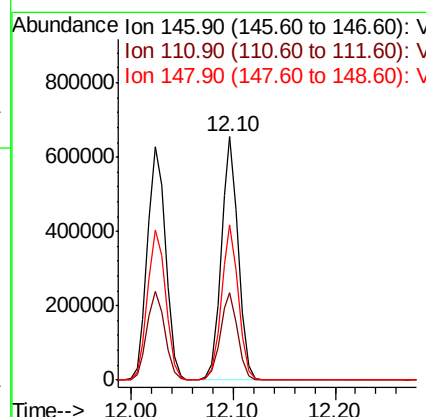
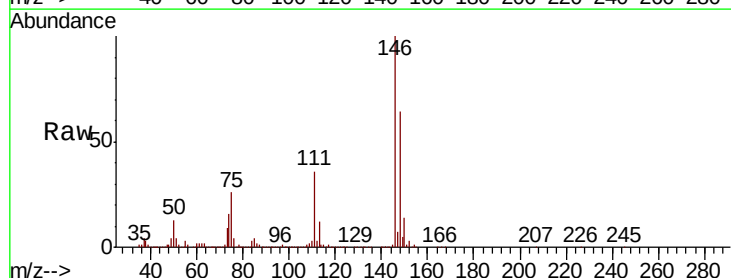
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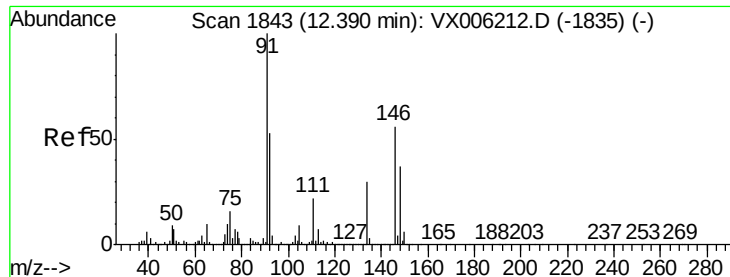
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#88
 1,4-Dichlorobenzene
 Concen: 54.293 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX006486.D
 Acq: 13 Dec 2018 10:41

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.9	18.3	54.8
148	63.8	31.9	95.9





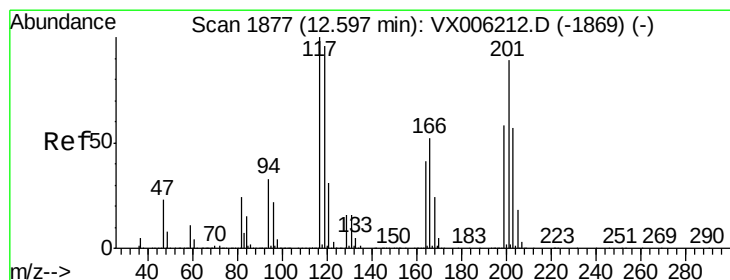
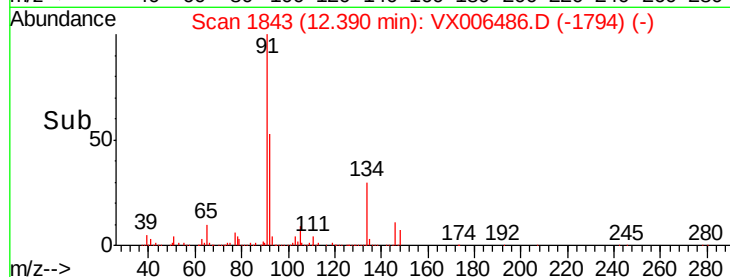
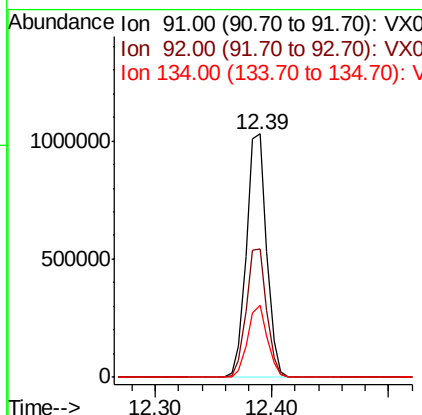
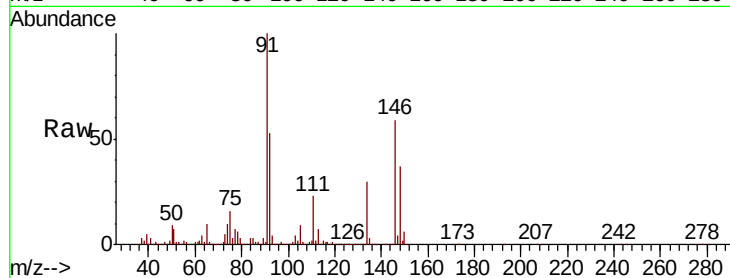
#89
n-Butylbenzene
Concen: 57.332 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX006486.D
Acq: 13 Dec 2018 10:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 1252574
Ion Ratio Lower Upper
91 100
92 53.2 26.6 79.8
134 29.1 14.8 44.3

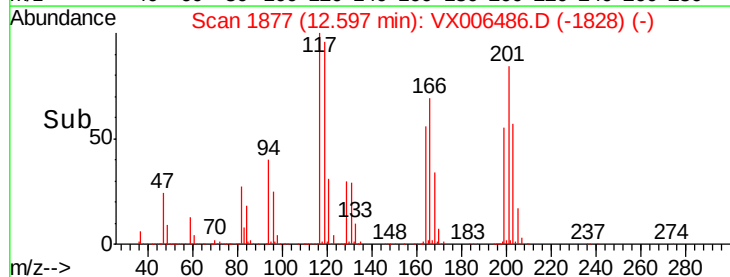
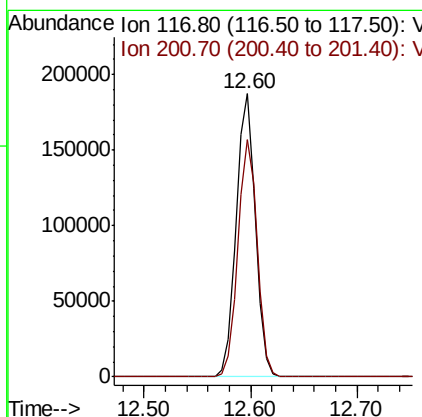
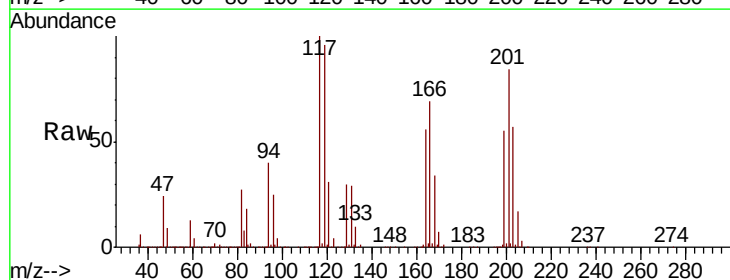
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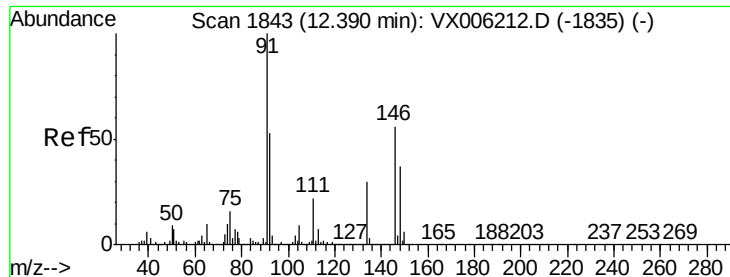
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#90
Hexachloroethane
Concen: 45.567 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX006486.D
Acq: 13 Dec 2018 10:41

Tgt Ion: 117 Resp: 237796
Ion Ratio Lower Upper
117 100
201 84.2 44.7 134.1





#91

1,2-Dichlorobenzene

Concen: 53.723 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX006486.D

Acq: 13 Dec 2018 10:41

Instrument :

MSVOA_X

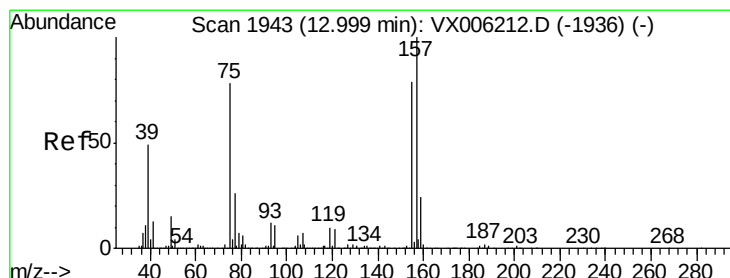
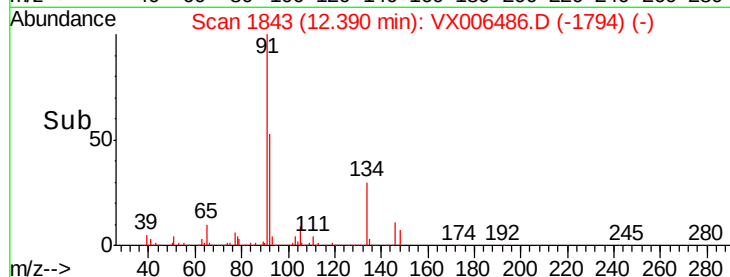
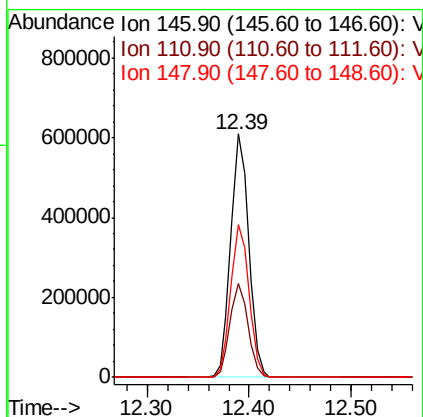
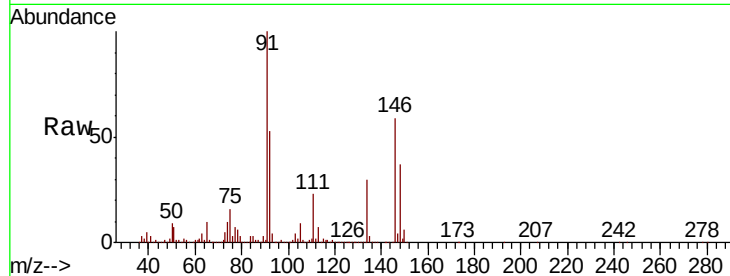
ClientSampleId :

VSTDCCC050

Tot Ion:	146	Resp:	741310
Ion Ratio	Lower	Upper	
146	100		
111	38.7	19.1	57.3
148	63.8	32.1	96.3

Manual Integrations
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#92

1,2-Dibromo-3-Chloropropane

Concen: 42.204 ug/l

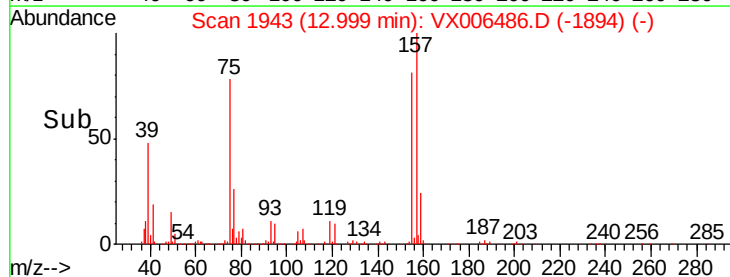
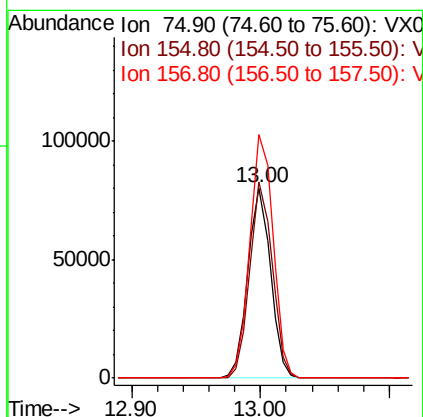
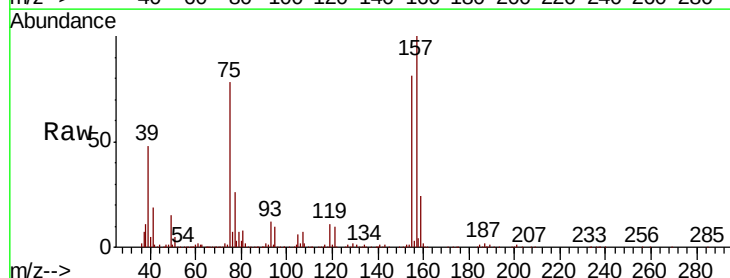
RT: 13.00 min Scan# 1943

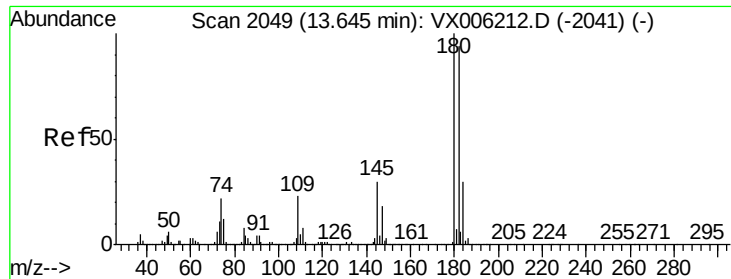
Delta R.T. 0.00 min

Lab File: VX006486.D

Acq: 13 Dec 2018 10:41

Tgt Ion:	75	Resp:	97451
Ion Ratio	Lower	Upper	
75	100		
155	102.1	53.4	160.3
157	131.1	68.0	203.8





#93

1,2,4-Trichlorobenzene

Concen: 53.465 ug/l

RT: 13.65 min Scan# 2049

Delta R.T. 0.00 min

Lab File: VX006486.D

Acq: 13 Dec 2018 10:41

Instrument :

MSVOA_X

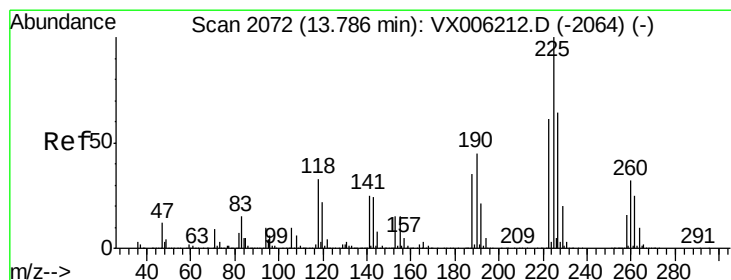
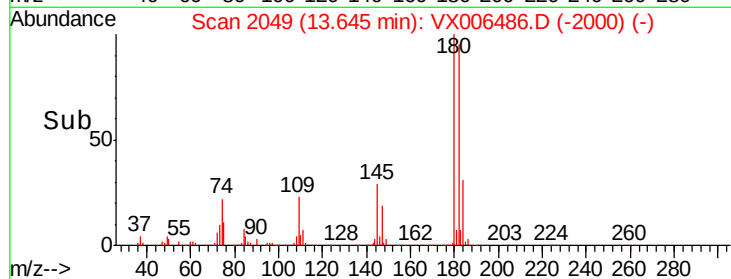
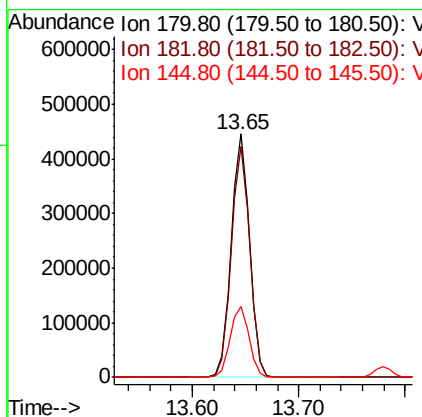
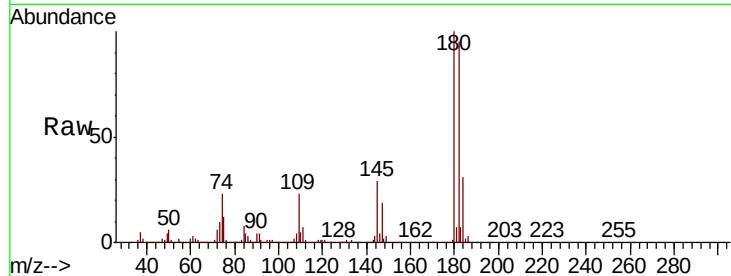
ClientSampleId :

VSTDCCC050

Tot Ion:	180	Resp:	538236
Ion Ratio	Lower	Upper	
180	100		
182	95.7	47.3	141.9
145	30.1	14.6	43.8

Manual Integrations
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#94

Hexachlorobutadiene

Concen: 56.872 ug/l

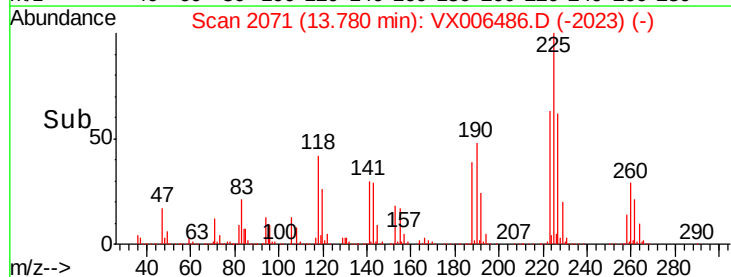
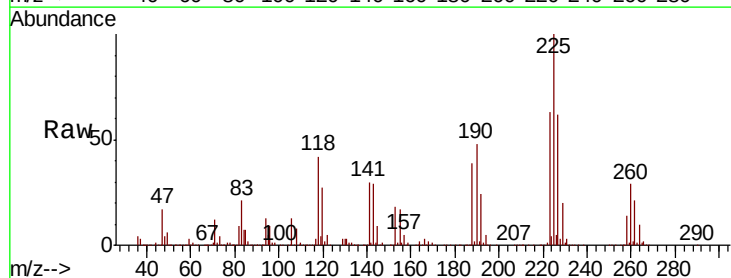
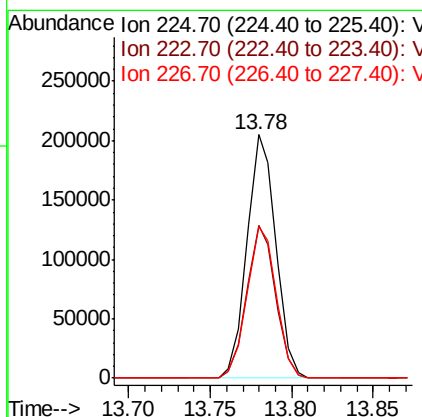
RT: 13.78 min Scan# 2071

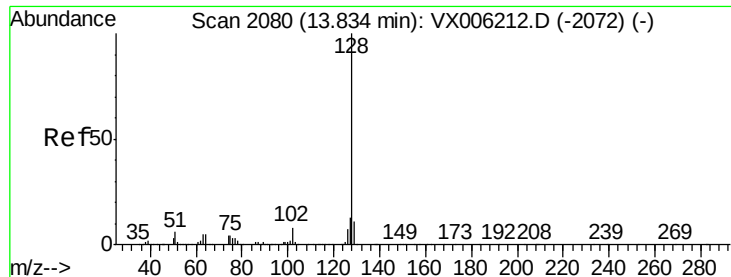
Delta R.T. -0.01 min

Lab File: VX006486.D

Acq: 13 Dec 2018 10:41

Tgt Ion:	225	Resp:	253197
Ion Ratio	Lower	Upper	
225	100		
223	62.5	31.2	93.6
227	63.1	31.9	95.5





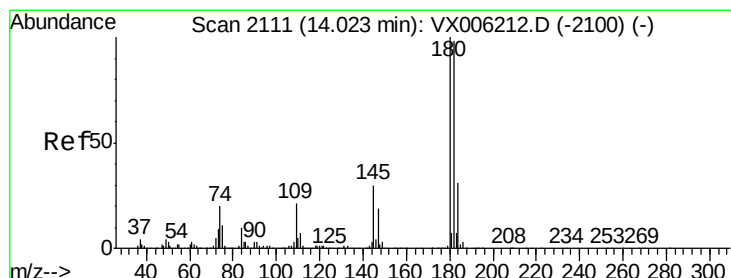
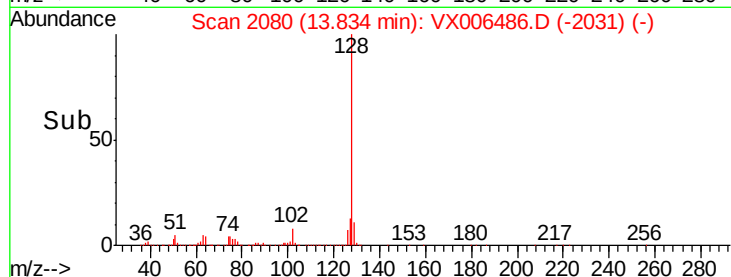
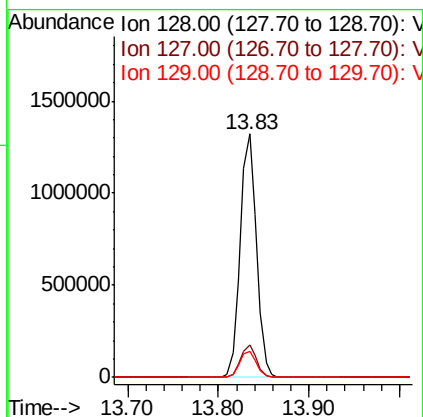
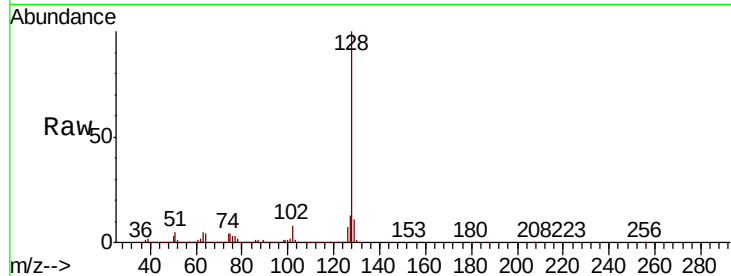
#95
Naphthalene
Concen: 52.279 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX006486.D
Acq: 13 Dec 2018 10:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.2	15.4
129	10.9	8.9	13.3

Manual Integrations
APPROVED

MMDadoda
12/14/2018 9:34:54 AM



#96
1,2,3-Trichlorobenzene
Concen: 53.475 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.01 min
Lab File: VX006486.D
Acq: 13 Dec 2018 10:41

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.0	48.4	145.2
145	32.0	15.6	46.8

