

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX010919\
 Data File : VX006979.D
 Acq On : 09 Jan 2019 21:26
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 1/10/2019 10:54:20 AM

Quant Time: Jan 10 02:50:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 08 14:06:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	563784	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	844172	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	757214	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	380667	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	287322	48.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.52%	
35) Dibromofluoromethane	5.51	113	263269	48.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.40%	
50) Toluene-d8	8.71	98	962414	48.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.28%	
62) 4-Bromofluorobenzene	11.13	95	334420	48.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.96%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	249594	53.911	ug/l	98
3) Chloromethane	1.33	50	272509	50.561	ug/l	98
4) Vinyl Chloride	1.41	62	289795	49.985	ug/l	98
5) Bromomethane	1.64	94	276043	44.564	ug/l	96
6) Chloroethane	1.71	64	186265	46.012	ug/l	96
7) Trichlorofluoromethane	1.93	101	469169	50.084	ug/l	99
8) Diethyl Ether	2.19	74	181986	48.831	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	262718	46.844	ug/l	99
10) Methyl Iodide	2.51	142	414088	54.736	ug/l	100
11) Tert butyl alcohol	3.08	59	306927	220.828	ug/l	100
12) 1,1-Dichloroethene	2.37	96	255789	49.365	ug/l	98
13) Acrolein	2.30	56	141711	236.575	ug/l	97
14) Allyl chloride	2.73	41	427731	48.166	ug/l	98
15) Acrylonitrile	3.15	53	805973	252.602	ug/l	100
16) Acetone	2.45	43	677282	232.517	ug/l	100
17) Carbon Disulfide	2.57	76	627288	47.021	ug/l	100
18) Methyl Acetate	2.78	43	481531	57.085	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	893041	49.656	ug/l	100
20) Methylene Chloride	2.85	84	284782	51.419	ug/l	94
21) trans-1,2-Dichloroethene	3.17	96	275904	47.781	ug/l	96
22) Diisopropyl ether	3.87	45	825195	49.428	ug/l	96
23) Vinyl Acetate	3.82	43	3445397	244.717	ug/l	99
24) 1,1-Dichloroethane	3.70	63	460084	49.285	ug/l	100
25) 2-Butanone	4.70	43	1019487	244.608	ug/l	100
26) 2,2-Dichloropropane	4.59	77	309068	43.055	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	307891	48.340	ug/l	99
28) Bromochloromethane	5.02	49	203573	49.773	ug/l	96
29) Tetrahydrofuran	5.15	42	674218	248.920	ug/l	97
30) Chloroform	5.21	83	490247	50.159	ug/l	99
31) Cyclohexane	5.57	56	408146	49.123	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	417248	50.365	ug/l	99
36) 1,1-Dichloropropene	5.80	75	348388	47.468	ug/l	99
37) Ethyl Acetate	4.85	43	390919	49.681	ug/l	98
38) Carbon Tetrachloride	5.78	117	363902	49.281	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	435731	46.569	ug/l	99
40) Benzene	6.15	78	1086282	48.506	ug/l	99
41) Methacrylonitrile	5.06	41	215984	47.648	ug/l	99
42) 1,2-Dichloroethane	6.20	62	370601	47.889	ug/l	99
43) Isopropyl Acetate	6.46	43	624396	50.308	ug/l	98
44) Trichloroethene	7.21	130	315951	47.081	ug/l	98
45) 1,2-Dichloropropane	7.51	63	279222	49.594	ug/l	100
46) Dibromomethane	7.66	93	195733	49.467	ug/l	97
47) Bromodichloromethane	7.90	83	347558	51.604	ug/l	97
48) Methyl methacrylate	7.77	41	320963	50.357	ug/l	98
49) 1,4-Dioxane	7.75	88	122349	839.177	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	1996499	250.302	ug/l	99
52) Toluene	8.79	92	697121	48.432	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	379152	50.768	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	422785	51.261	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	292498	50.769	ug/l	100
56) Ethyl methacrylate	9.18	69	425893	50.637	ug/l	96
57) 1,3-Dichloropropane	9.37	76	467629	49.544	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	1067161	246.774	ug/l	99
59) 2-Hexanone	9.49	43	1494429	245.858	ug/l	99
60) Dibromochloromethane	9.59	129	303758	54.297	ug/l	98
61) 1,2-Dibromoethane	9.67	107	317320	50.030	ug/l	100
64) Tetrachloroethene	9.34	164	303404	46.281	ug/l	98
65) Chlorobenzene	10.14	112	796113	48.205	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	287849	51.811	ug/l	100
67) Ethyl Benzene	10.25	91	1332047	48.856	ug/l	97
68) m/p-Xylenes	10.36	106	1040439	96.858	ug/l	100
69) o-Xylene	10.70	106	507957	48.488	ug/l	98
70) Styrene	10.71	104	824905	49.718	ug/l	100
71) Bromoform	10.86	173	219918	44.788	ug/l	99
73) Isopropylbenzene	11.02	105	1337025	49.810	ug/l	98
74) N-amyl acetate	10.90	43	544749	50.406	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	420983	49.402	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	393277m	50.982	ug/l	
77) Bromobenzene	11.26	156	360340	48.720	ug/l	99
78) n-propylbenzene	11.36	91	1490862	50.594	ug/l	99
79) 2-Chlorotoluene	11.42	91	863369	48.673	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	1108868	49.439	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	112247	44.373	ug/l	99
82) 4-Chlorotoluene	11.51	91	1013587	49.352	ug/l	99
83) tert-Butylbenzene	11.77	119	1128830	50.444	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	1128867	50.051	ug/l	100
85) sec-Butylbenzene	11.94	105	1329283	49.739	ug/l	100
86) p-Isopropyltoluene	12.07	119	1189171	49.746	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	639510	47.838	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	640966	50.603	ug/l	99
89) n-Butylbenzene	12.39	91	1009532	49.540	ug/l	99
90) Hexachloroethane	12.60	117	184229	48.375	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	636710	48.263	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	88142	52.299	ug/l	99

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ClientSampleId :
VSTDCCC050EC

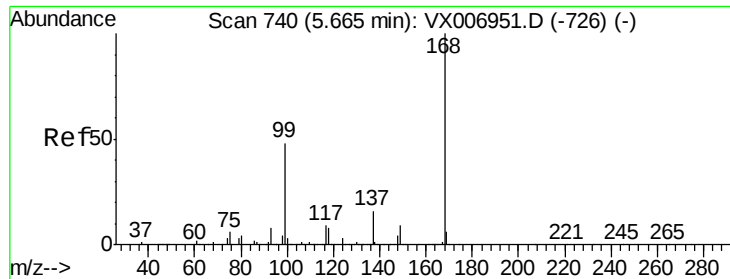
Manual Integrations
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Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	440685	48.689	ug/l	99
94) Hexachlorobutadiene	13.78	225	195685	48.720	ug/l	99
95) Naphthalene	13.83	128	1378136	50.248	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	436289	48.524	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: VX006979.D

Acq: 09 Jan 2019 21:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 563784

Ion Ratio Lower Upper

168 100

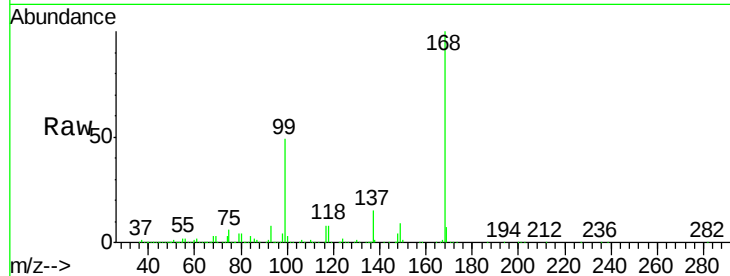
99 48.4 41.8 62.8

Manual Integrations

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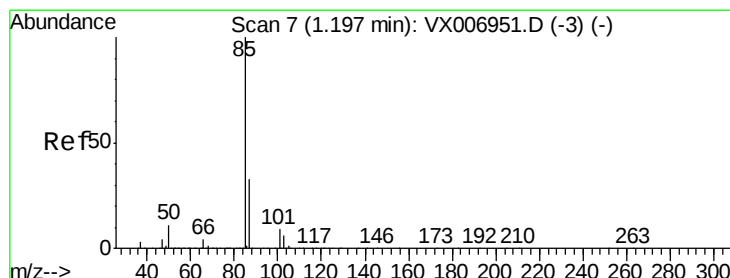
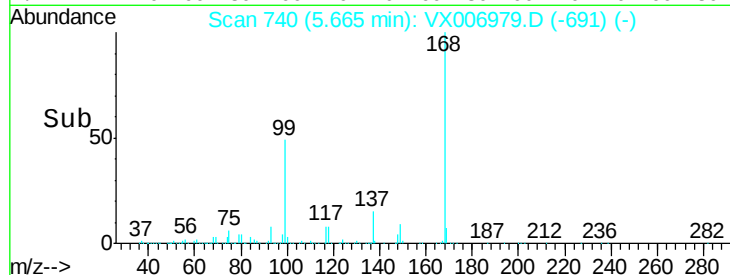
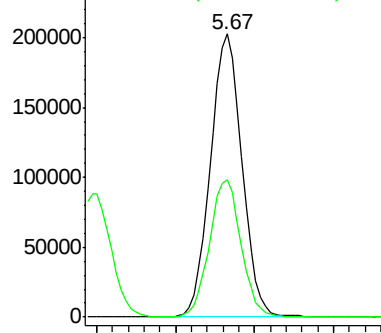
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 53.911 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX006979.D

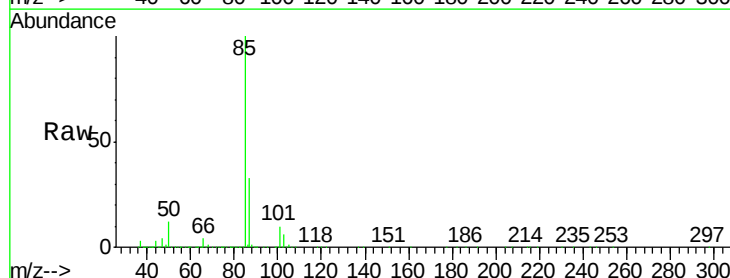
Acq: 09 Jan 2019 21:26

Tgt Ion: 85 Resp: 249594

Ion Ratio Lower Upper

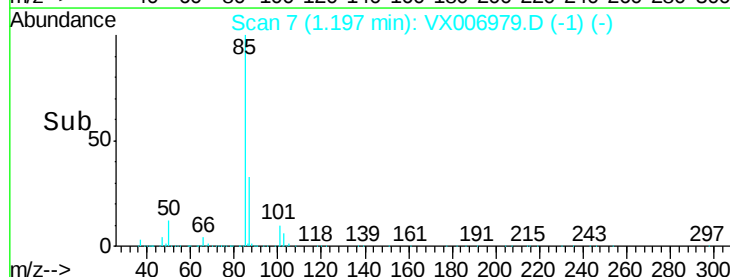
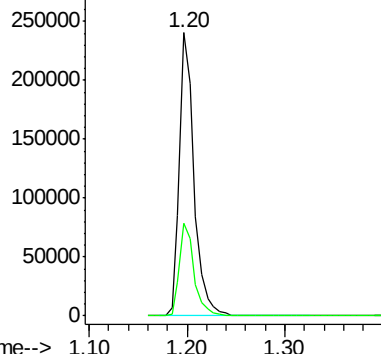
85 100

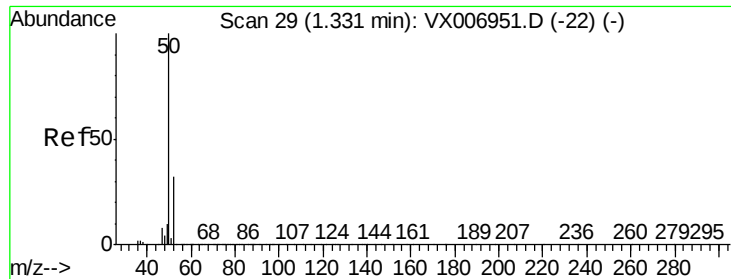
87 32.6 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





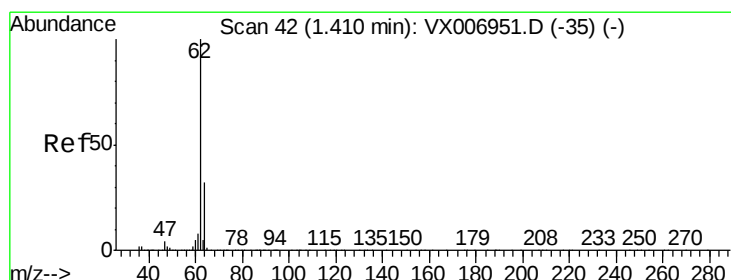
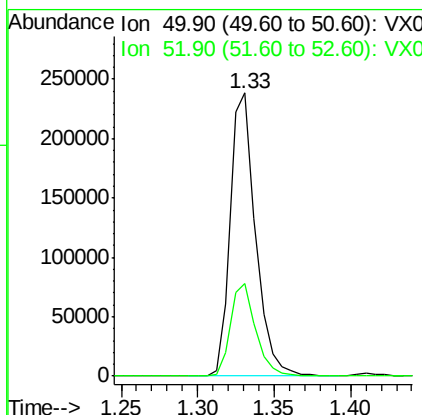
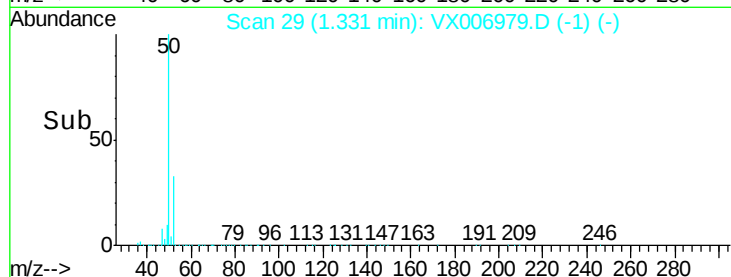
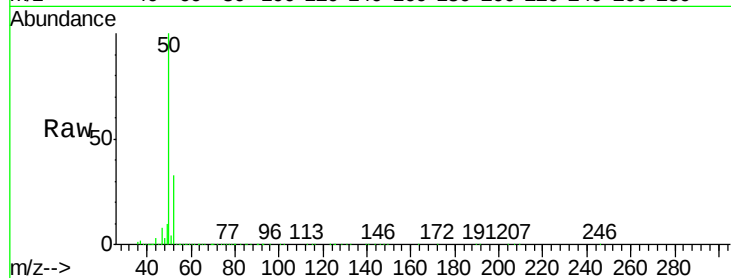
#3
Chloromethane
Concen: 50.561 ug/l
RT: 1.33 min Scan# 29
Delta R.T. 0.00 min
Lab File: VX006979.D
Acq: 09 Jan 2019 21:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
50	100		
52	32.8	25.4	38.2

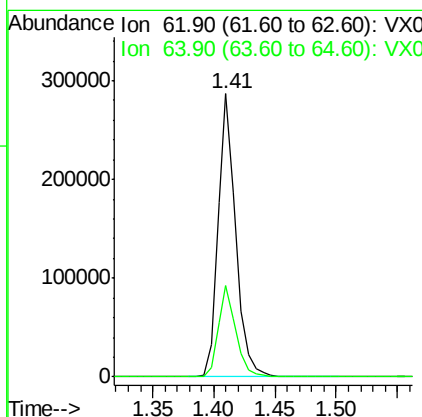
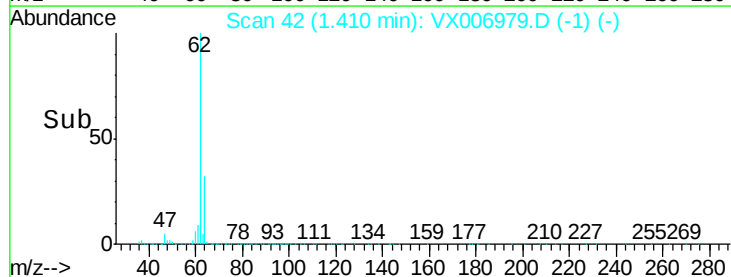
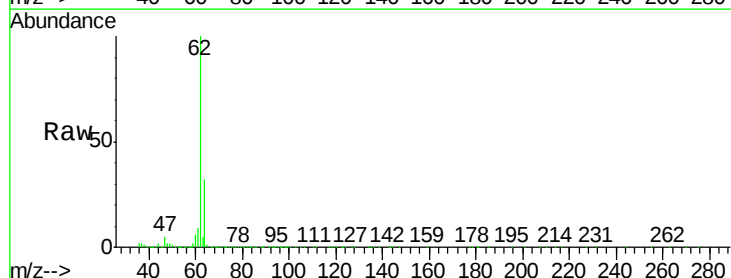
Manual Integrations
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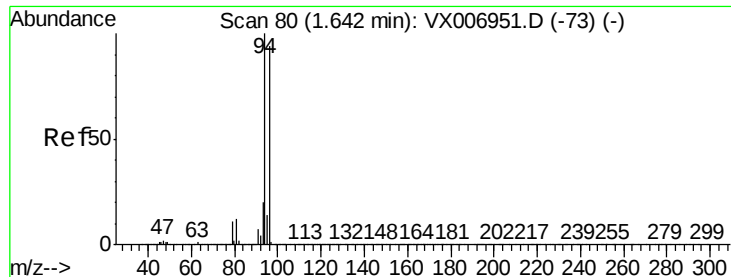
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#4
Vinyl Chloride
Concen: 49.985 ug/l
RT: 1.41 min Scan# 42
Delta R.T. 0.00 min
Lab File: VX006979.D
Acq: 09 Jan 2019 21:26

Tgt Ion	Ratio	Lower	Upper
62	100		
64	32.3	25.1	37.7





#5

Bromomethane

Concen: 44.564 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX006979.D

Acq: 09 Jan 2019 21:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 276043

Ion Ratio Lower Upper

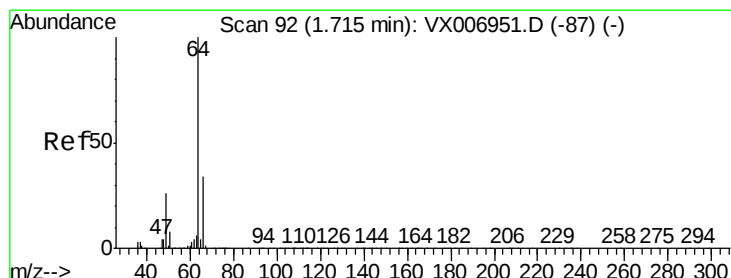
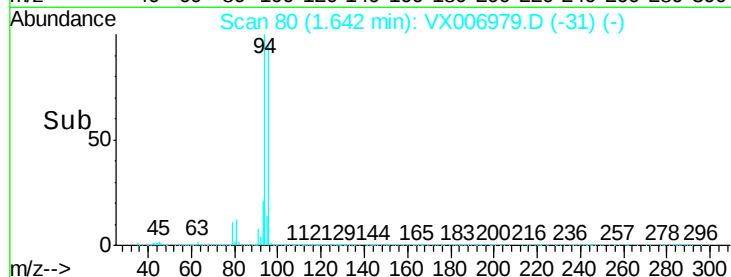
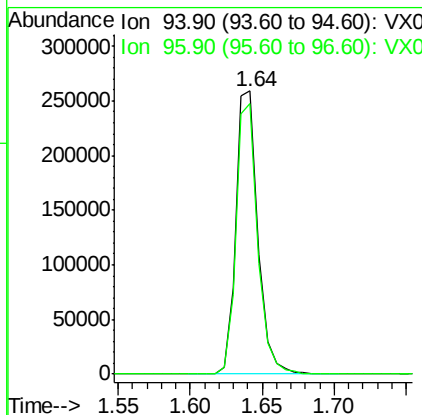
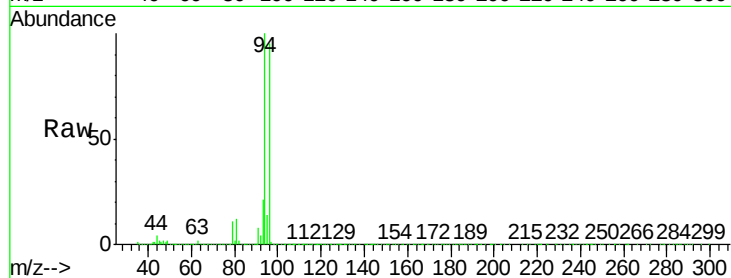
94 100

96 95.5 73.4 110.2

Manual Integrations
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#6

Chloroethane

Concen: 46.012 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX006979.D

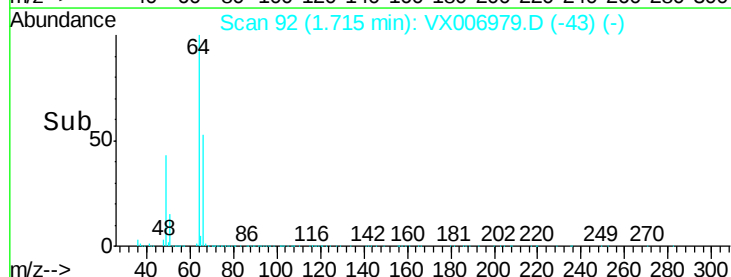
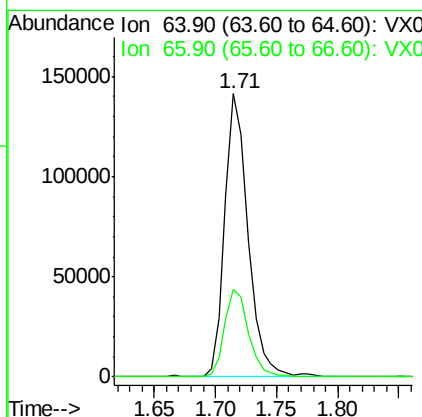
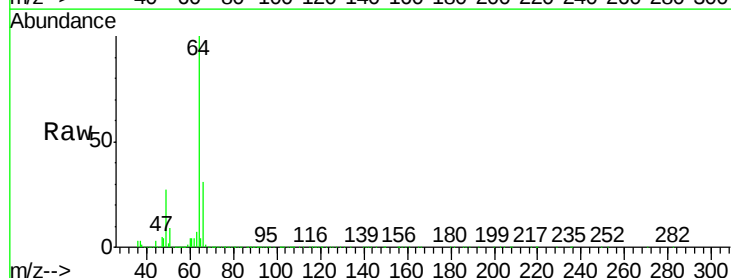
Acq: 09 Jan 2019 21:26

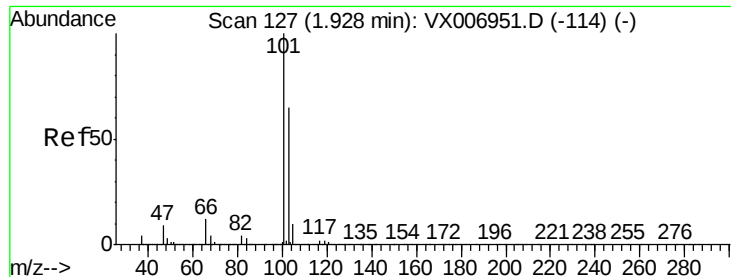
Tgt Ion: 64 Resp: 186265

Ion Ratio Lower Upper

64 100

66 31.0 26.4 39.6





#7

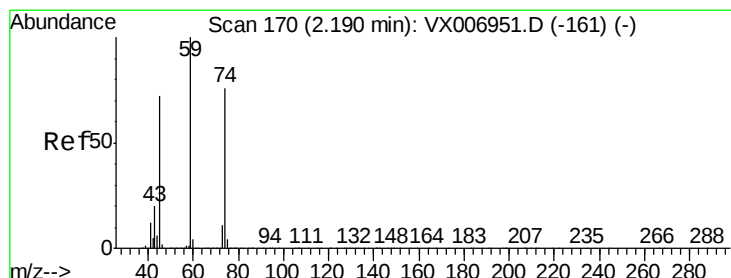
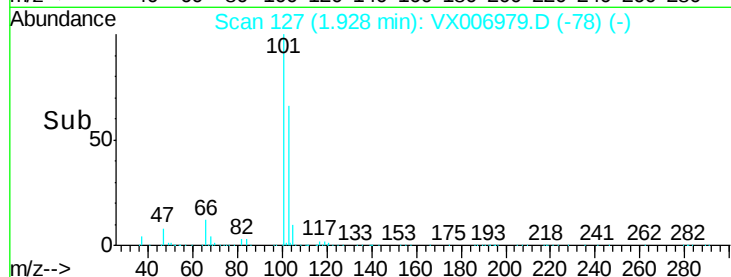
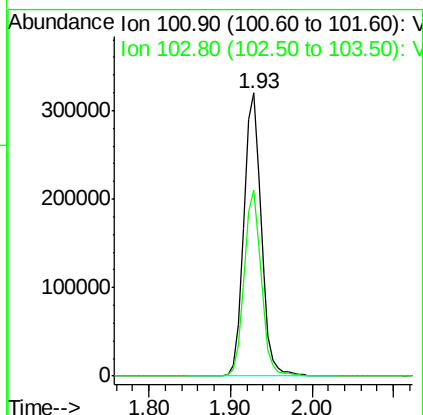
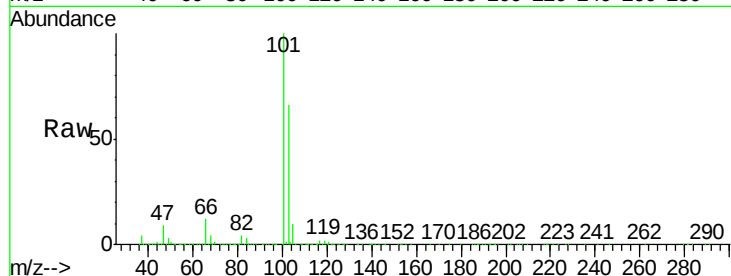
Trichlorofluoromethane
Concen: 50.084 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.00 min
Lab File: VX006979.D
Acq: 09 Jan 2019 21:26

Instrument :
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ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.7	53.2	79.8

Manual Integrations
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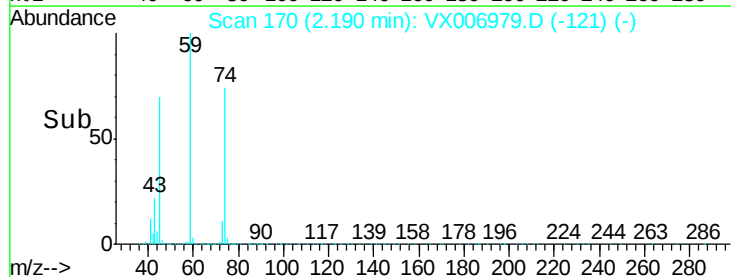
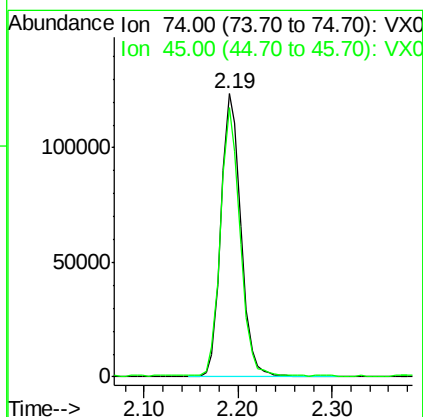
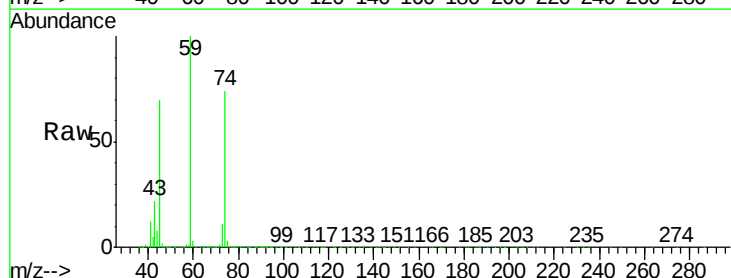
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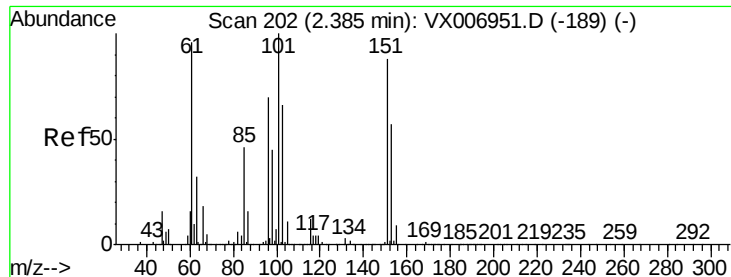


#8

Diethyl Ether
Concen: 48.831 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX006979.D
Acq: 09 Jan 2019 21:26

Tgt Ion	Ratio	Lower	Upper
74	100		
45	92.6	46.3	138.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.844 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.00 min

Lab File: VX006979.D

Acq: 09 Jan 2019 21:26

Instrument :

MSVOA_X

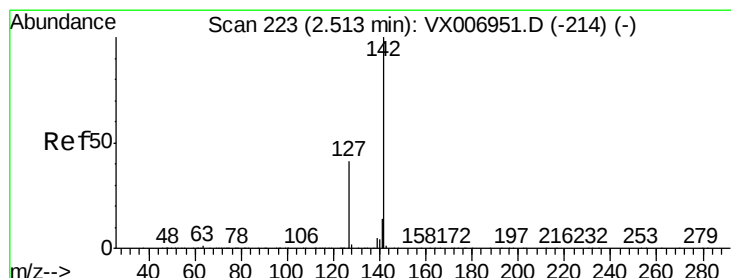
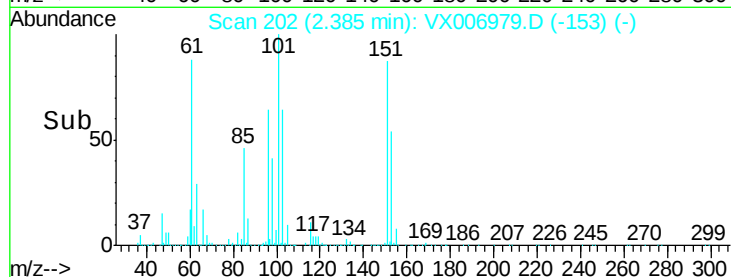
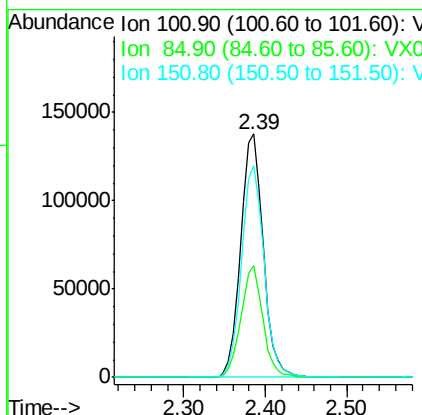
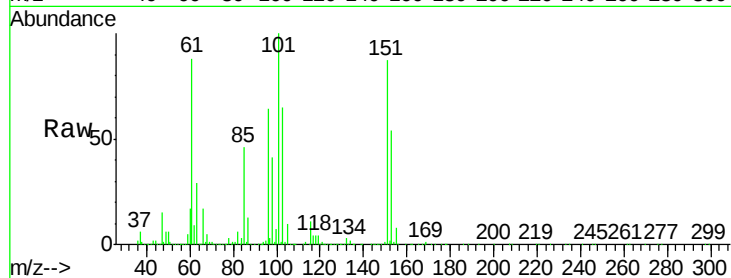
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	262718
Ion Ratio	Lower	Upper	
101	100		
85	44.5	35.1	52.7
151	87.6	68.9	103.3

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#10

Methyl Iodide

Concen: 54.736 ug/l

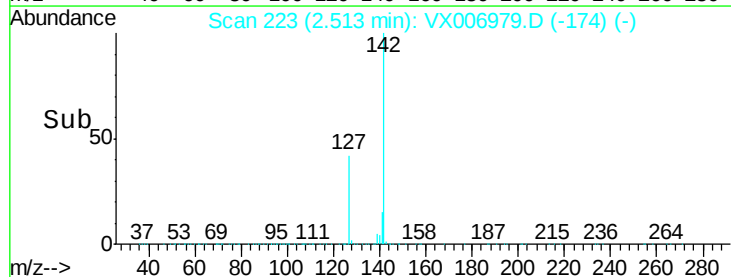
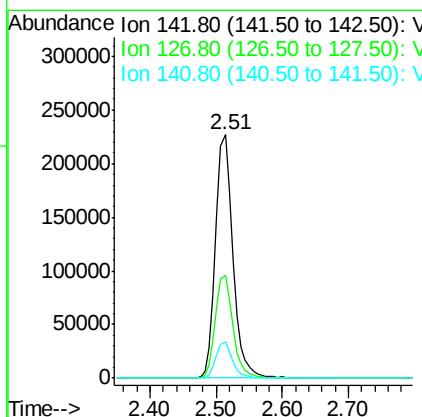
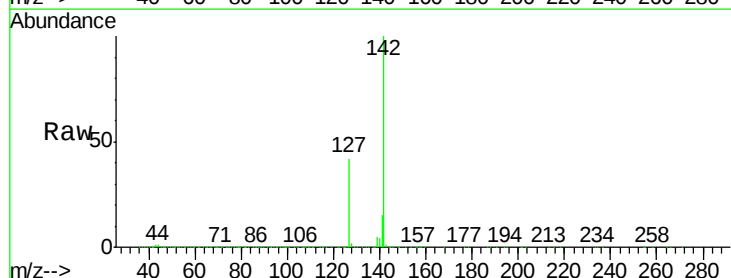
RT: 2.51 min Scan# 223

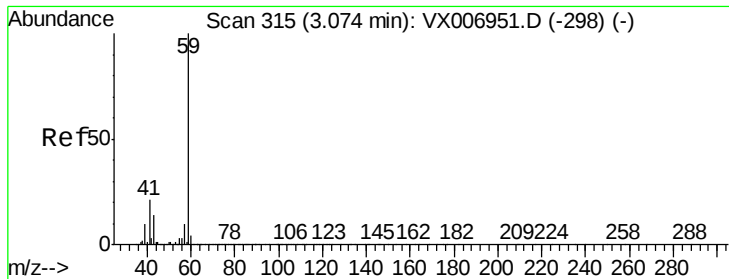
Delta R.T. 0.00 min

Lab File: VX006979.D

Acq: 09 Jan 2019 21:26

Tgt Ion:	142	Resp:	414088
Ion Ratio	Lower	Upper	
142	100		
127	42.5	33.9	50.9
141	14.1	11.4	17.0





#11

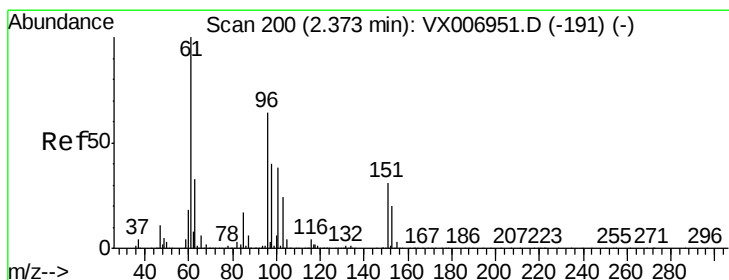
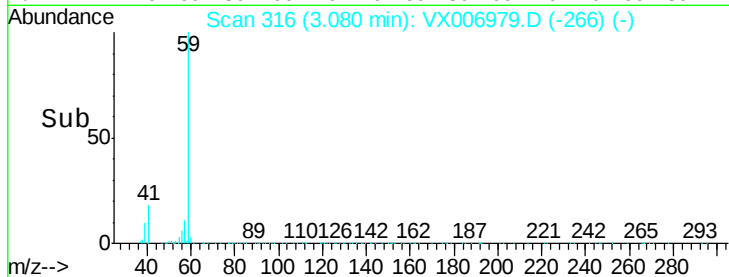
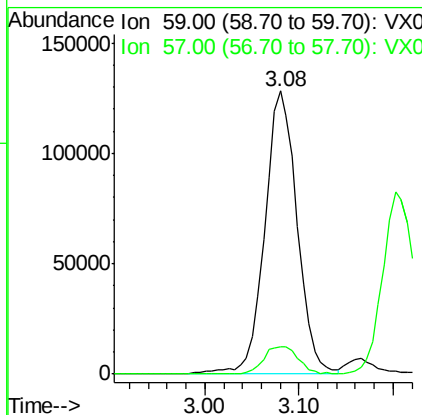
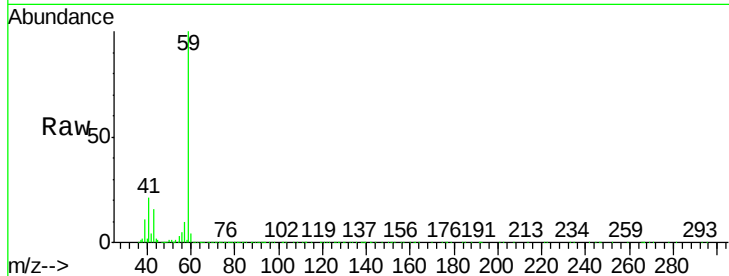
Tert butyl alcohol
Concen: 220.828 ug/l
RT: 3.08 min Scan# 316
Delta R.T. 0.01 min
Lab File: VX006979.D
Acq: 09 Jan 2019 21:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.4	8.5	12.7

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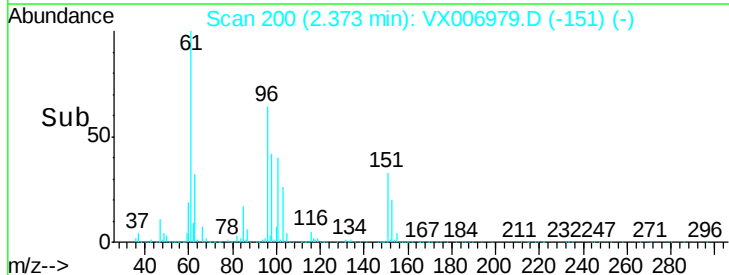
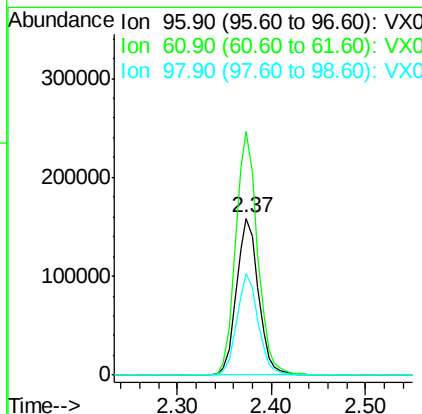
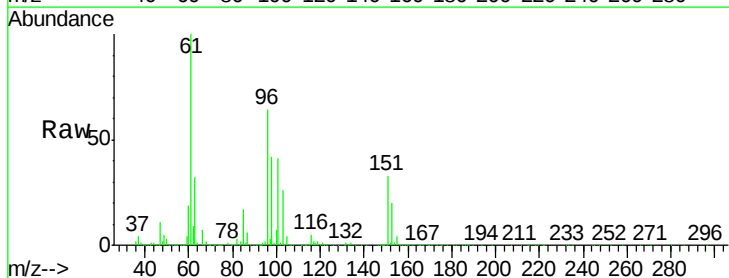
MMDadoda
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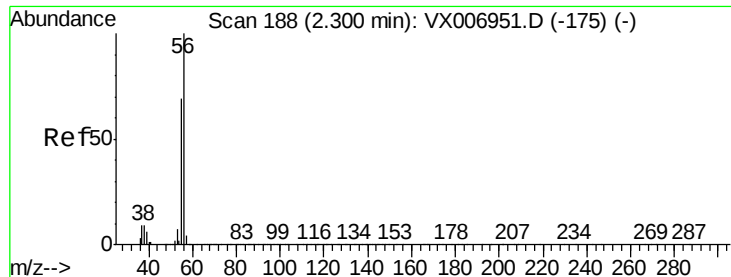


#12

1,1-Dichloroethene
Concen: 49.365 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.00 min
Lab File: VX006979.D
Acq: 09 Jan 2019 21:26

Tgt Ion	Ratio	Lower	Upper
96	100		
61	155.4	121.4	182.2
98	64.7	51.9	77.9





#13

Acrolein

Concen: 236.575 ug/l

RT: 2.30 min Scan# 188

Delta R.T. 0.00 min

Lab File: VX006979.D

Acq: 09 Jan 2019 21:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 141711

Ion Ratio Lower Upper

56 100

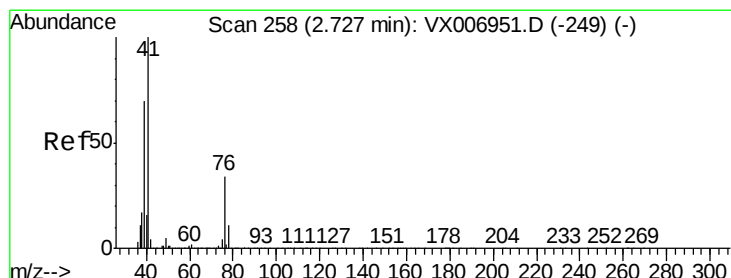
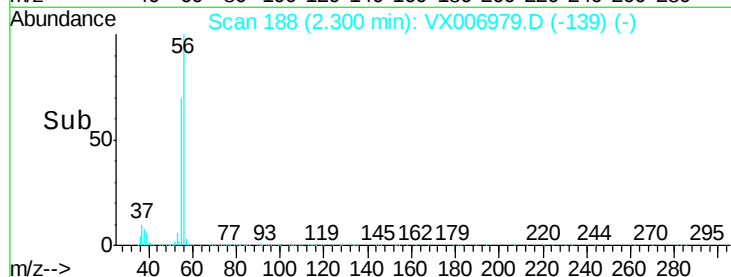
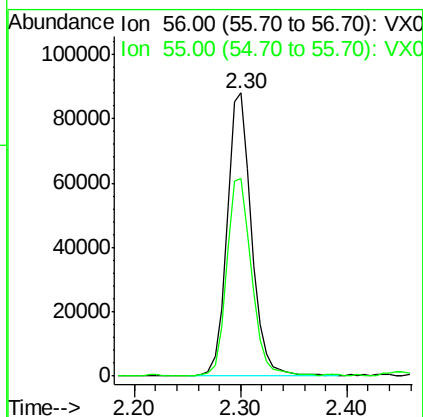
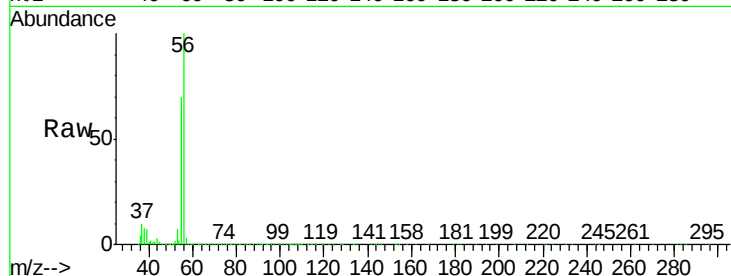
55 70.4 58.2 87.4

Manual Integrations

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#14

Allyl chloride

Concen: 48.166 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX006979.D

Acq: 09 Jan 2019 21:26

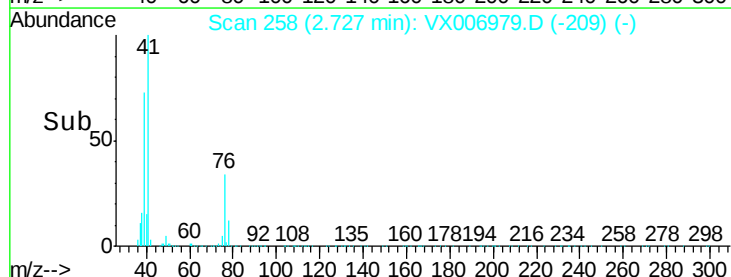
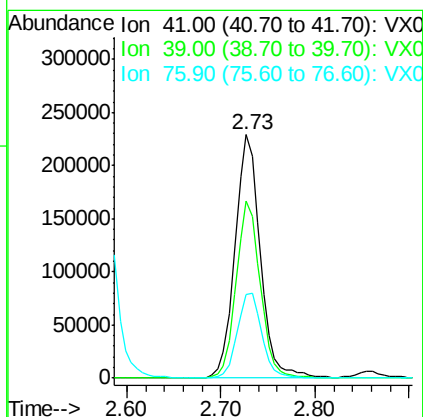
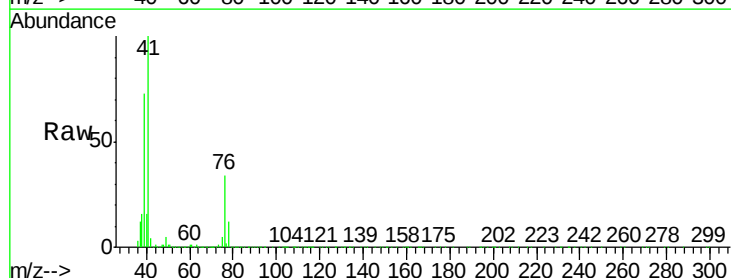
Tgt Ion: 41 Resp: 427731

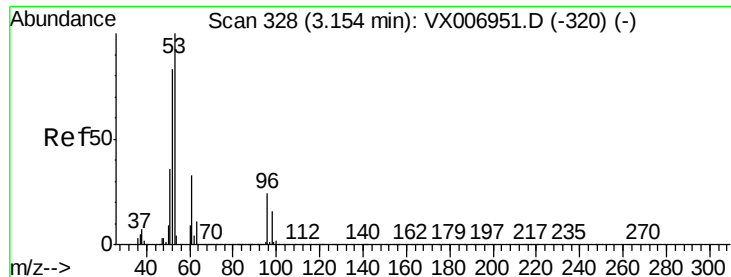
Ion Ratio Lower Upper

41 100

39 69.4 53.6 80.4

76 34.1 27.4 41.2





#15

Acrylonitrile

Concen: 252.602 ug/l

RT: 3.15 min Scan# 328

Delta R.T. 0.00 min

Lab File: VX006979.D

Acq: 09 Jan 2019 21:26

Instrument :

MSVOA_X

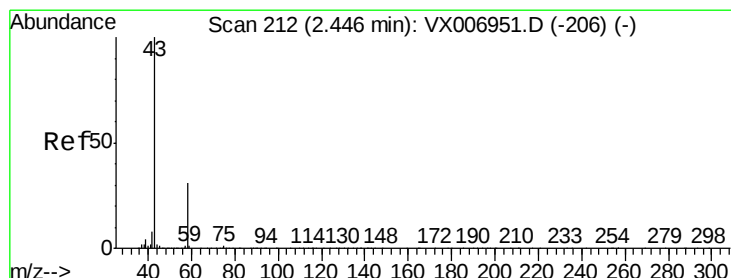
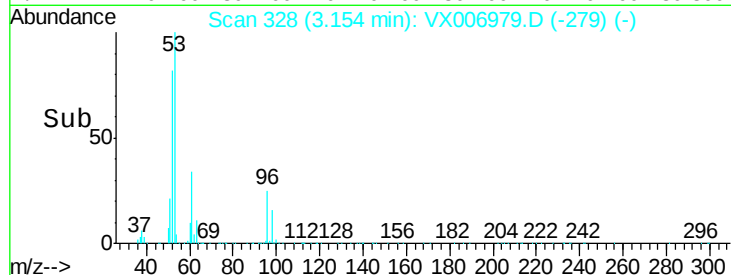
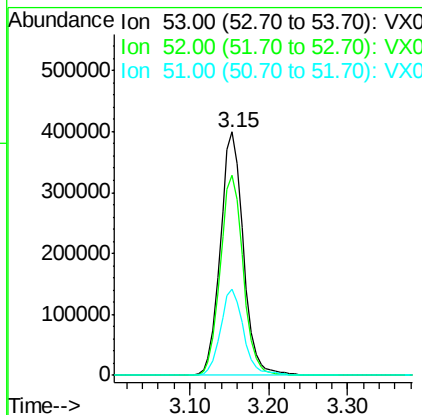
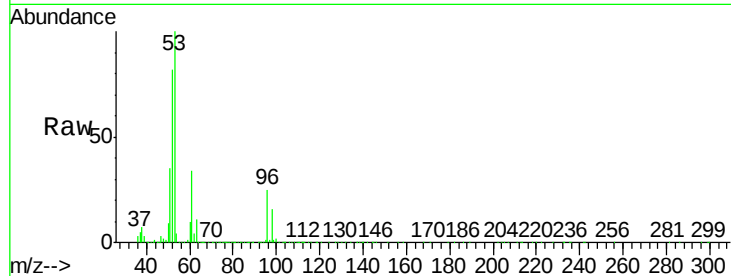
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	805973
Ion Ratio		Lower	Upper
53	100		
52	82.1	66.0	99.0
51	35.5	28.6	42.8

Manual Integrations
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#16

Acetone

Concen: 232.517 ug/l

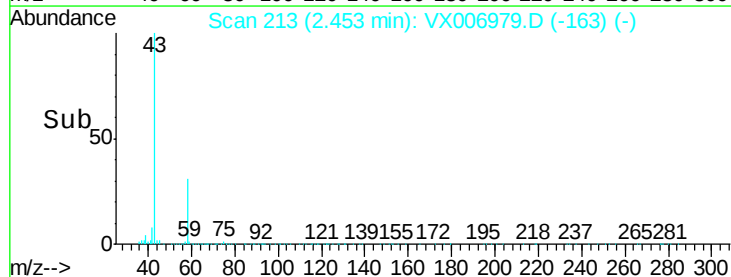
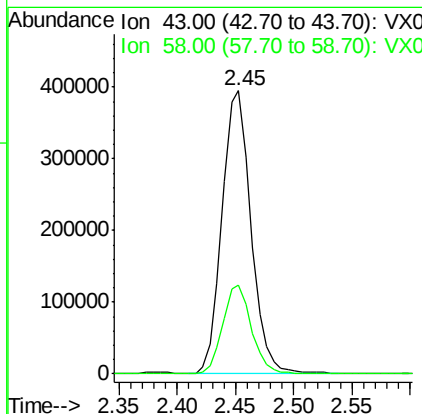
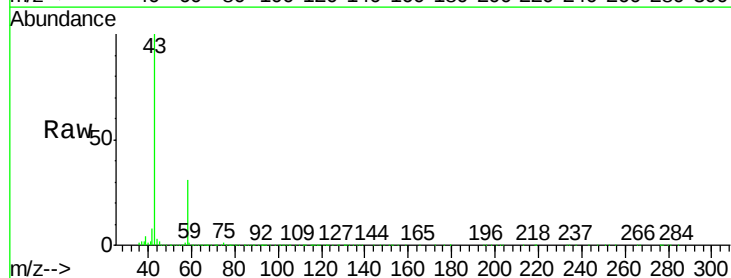
RT: 2.45 min Scan# 213

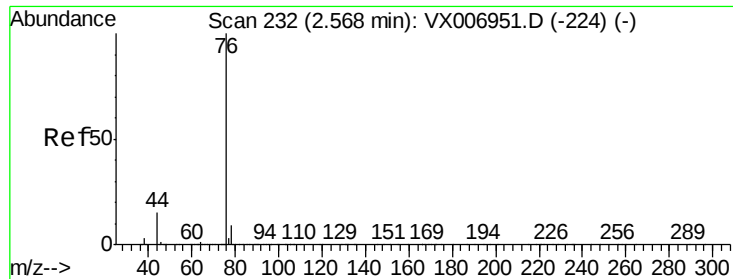
Delta R.T. 0.01 min

Lab File: VX006979.D

Acq: 09 Jan 2019 21:26

Tgt Ion:	43	Resp:	677282
Ion Ratio		Lower	Upper
43	100		
58	31.4	25.0	37.6





#17

Carbon Disulfide

Concen: 47.021 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX006979.D

Acq: 09 Jan 2019 21:26

Tot Ion: 76 Resp: 627288

Ion Ratio Lower Upper

76 100

78 8.8 7.0 10.6

Instrument :

MSVOA_X

ClientSampleId :

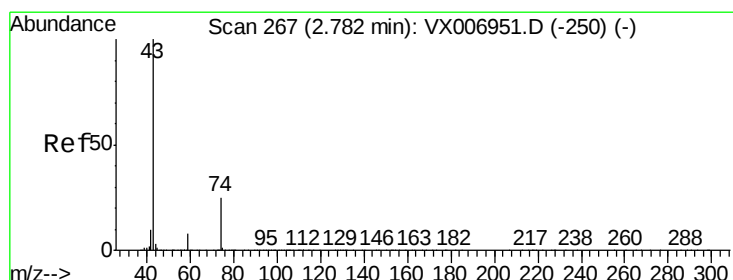
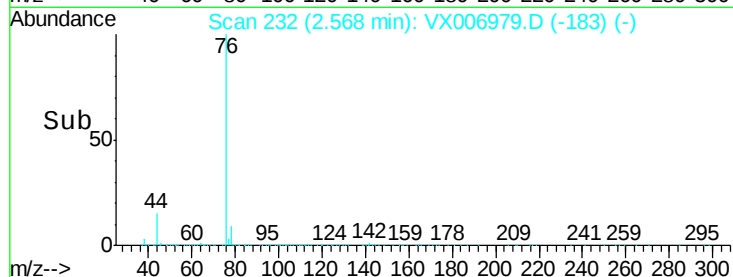
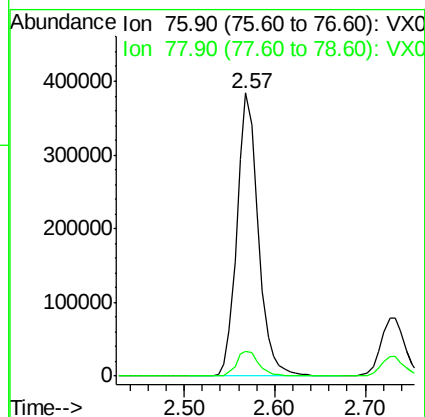
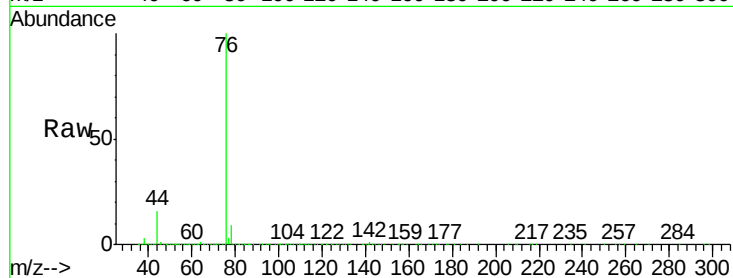
VSTDCCC050EC

Manual Integrations

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#18

Methyl Acetate

Concen: 57.085 ug/l

RT: 2.78 min Scan# 267

Delta R.T. 0.00 min

Lab File: VX006979.D

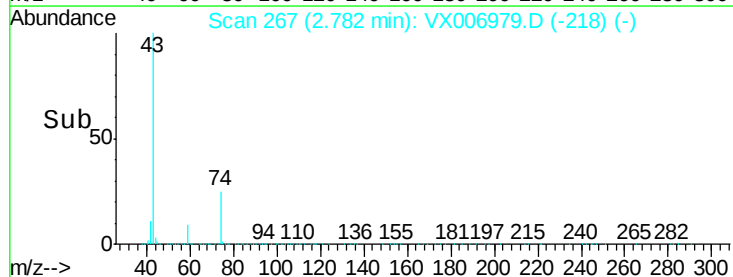
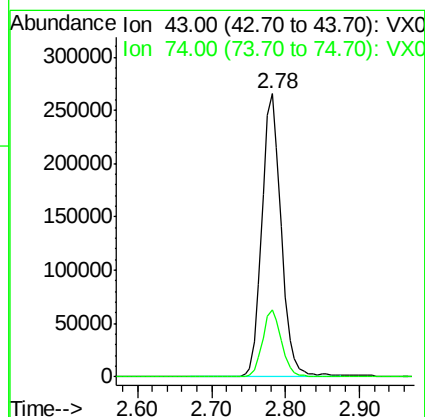
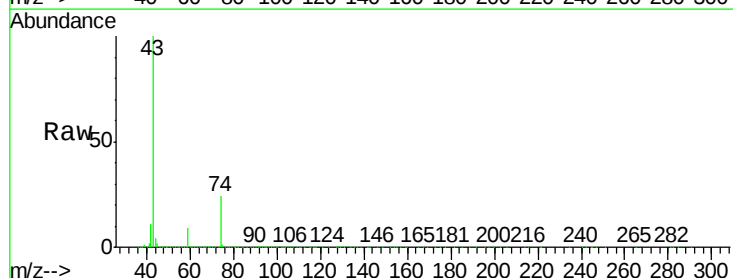
Acq: 09 Jan 2019 21:26

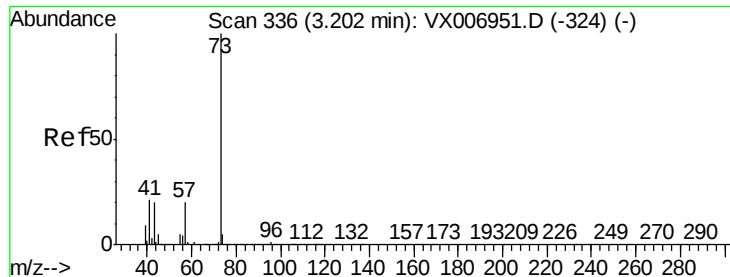
Tgt Ion: 43 Resp: 481531

Ion Ratio Lower Upper

43 100

74 23.8 18.6 28.0





#19

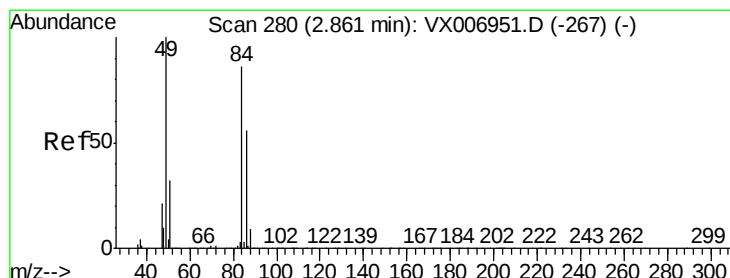
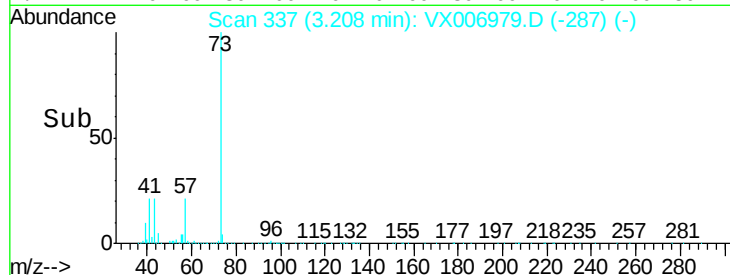
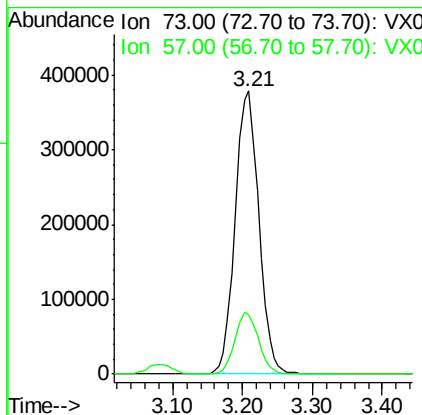
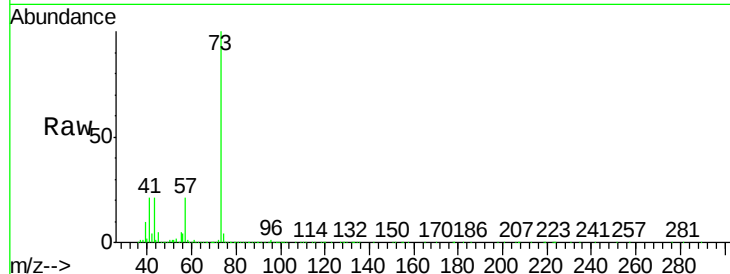
Methyl tert-butyl Ether
 Concen: 49.656 ug/l
 RT: 3.21 min Scan# 337
 Delta R.T. 0.01 min
 Lab File: VX006979.D
 Acq: 09 Jan 2019 21:26

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
73	100		
57	20.8	16.8	25.2

Manual Integrations
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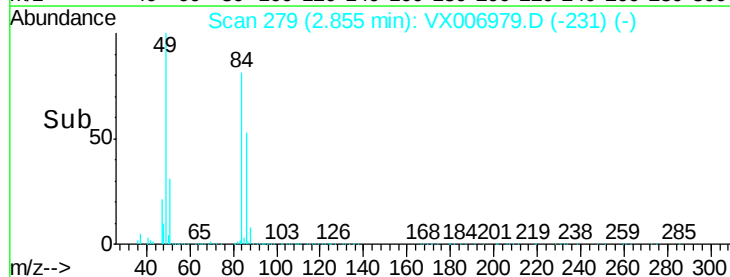
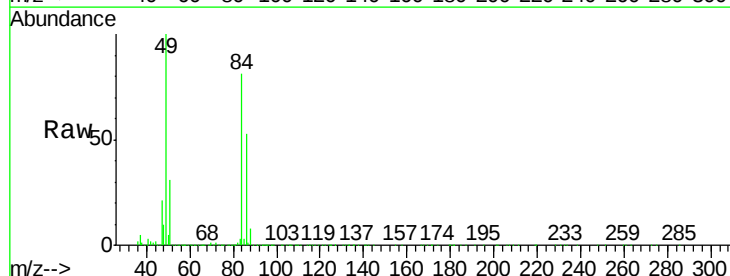
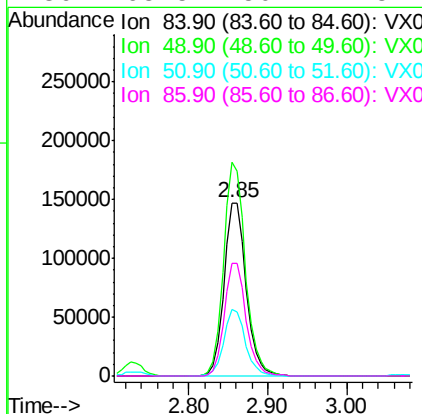
MMDadoda
 1/10/2019 10:54:20 AM

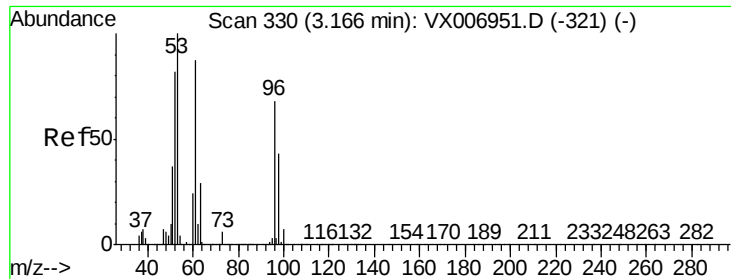


#20

Methylene Chloride
 Concen: 51.419 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. -0.01 min
 Lab File: VX006979.D
 Acq: 09 Jan 2019 21:26

Tgt Ion	Ratio	Lower	Upper
84	100		
49	123.5	91.8	137.6
51	38.3	28.5	42.7
86	65.5	50.2	75.2





#21

trans-1,2-Dichloroethene

Concen: 47.781 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX006979.D

Acq: 09 Jan 2019 21:26

Instrument :

MSVOA_X

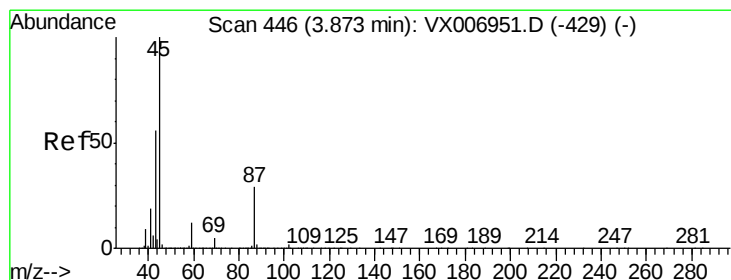
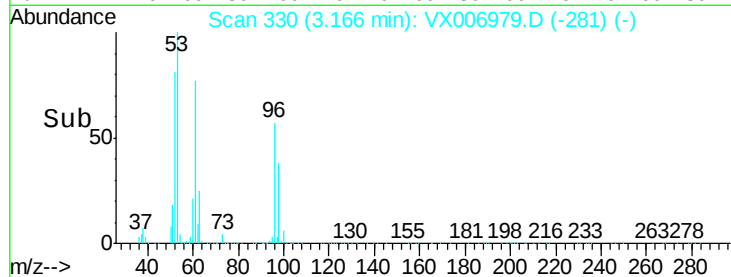
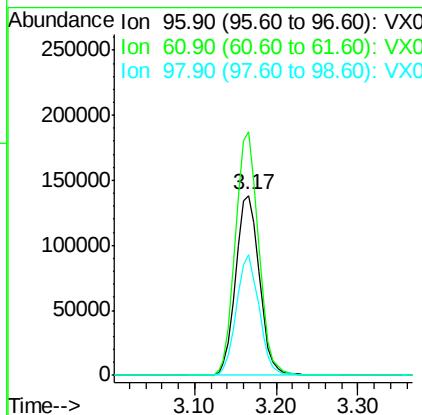
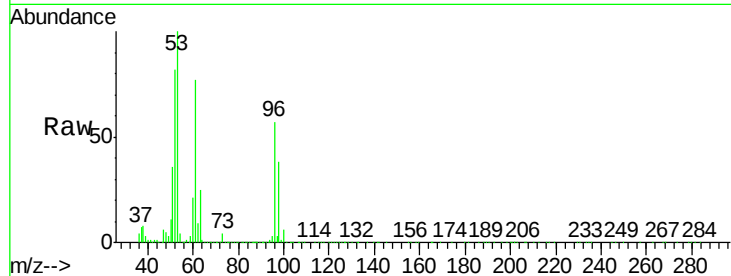
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	275904
Ion	Ratio	Lower	Upper
96	100		
61	135.0	103.7	155.5
98	66.7	51.0	76.6

Manual Integrations
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#22

Diisopropyl ether

Concen: 49.428 ug/l

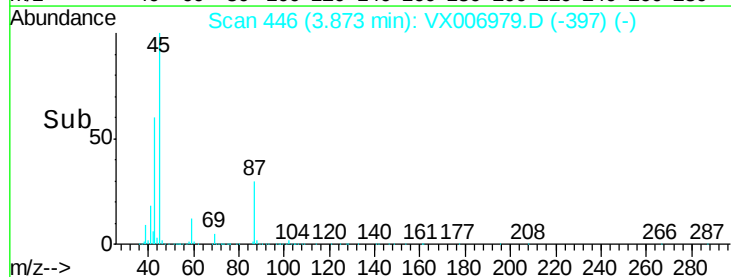
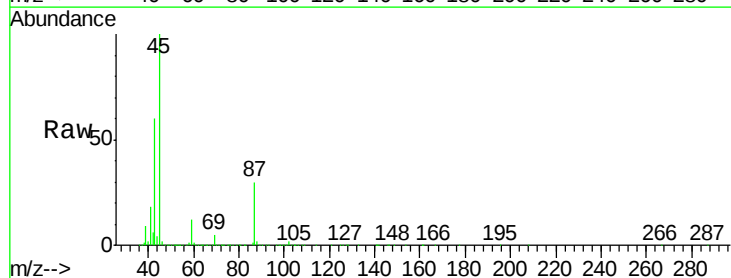
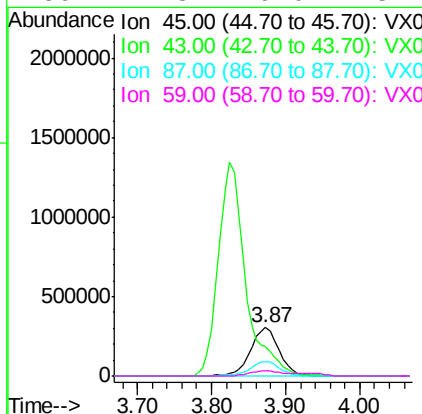
RT: 3.87 min Scan# 446

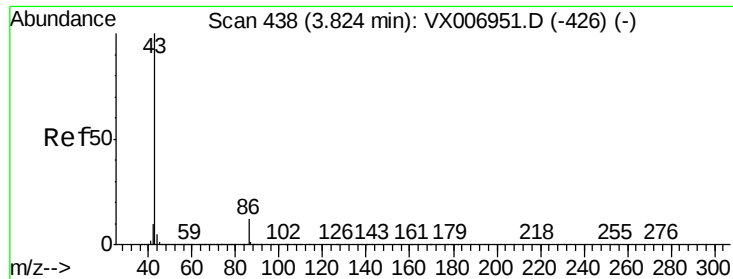
Delta R.T. 0.00 min

Lab File: VX006979.D

Acq: 09 Jan 2019 21:26

Tgt Ion:	45	Resp:	825195
Ion	Ratio	Lower	Upper
45	100		
43	60.0	51.2	76.8
87	29.8	25.8	38.6
59	11.8	9.0	13.4





#23

Vinyl Acetate

Concen: 244.717 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.00 min

Lab File: VX006979.D

Acq: 09 Jan 2019 21:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 3445397

Ion Ratio Lower Upper

43 100

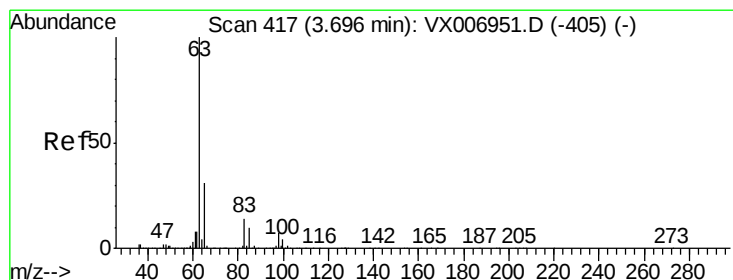
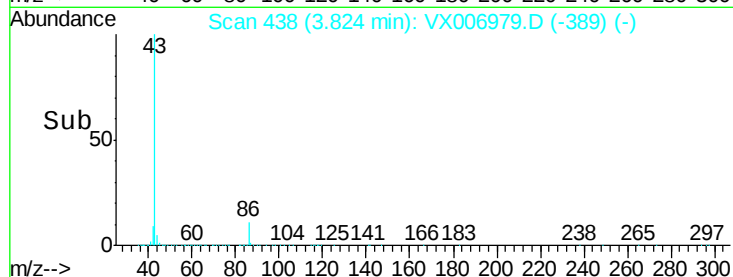
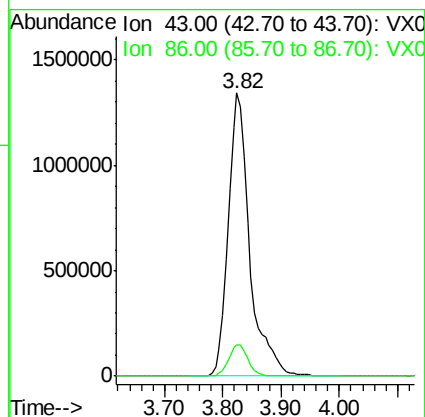
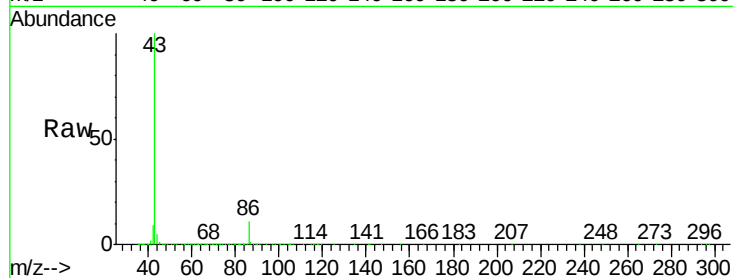
86 11.1 9.2 13.8

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 49.285 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX006979.D

Acq: 09 Jan 2019 21:26

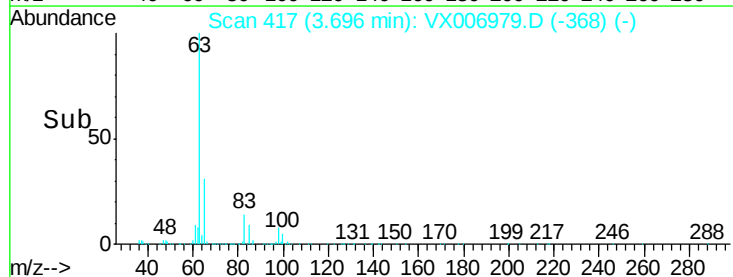
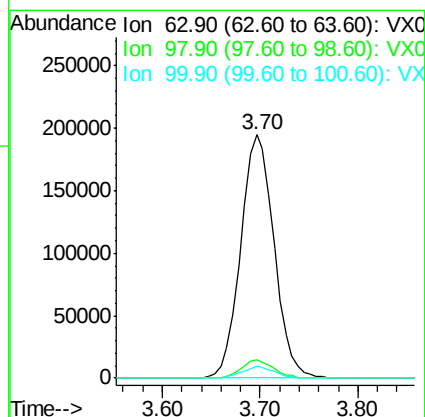
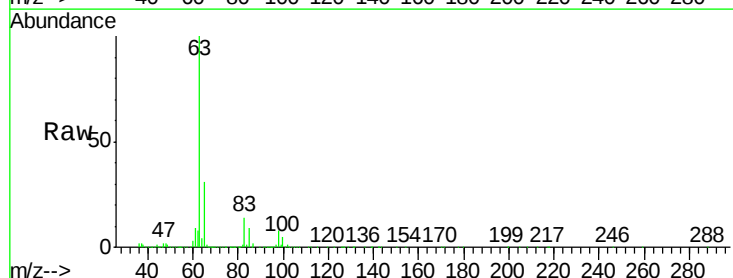
Tgt Ion: 63 Resp: 460084

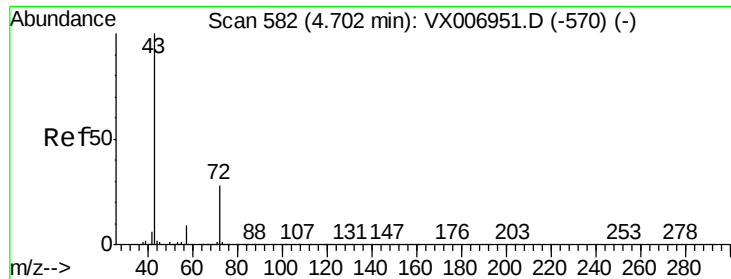
Ion Ratio Lower Upper

63 100

98 7.7 3.9 11.5

100 4.8 2.4 7.2





#25

2-Butanone

Concen: 244.608 ug/l

RT: 4.70 min Scan# 582

Delta R.T. 0.00 min

Lab File: VX006979.D

Acq: 09 Jan 2019 21:26

Tot Ion: 43 Resp: 1019487

Ion Ratio Lower Upper

43 100

72 28.2 22.4 33.6

Instrument :

MSVOA_X

ClientSampleId :

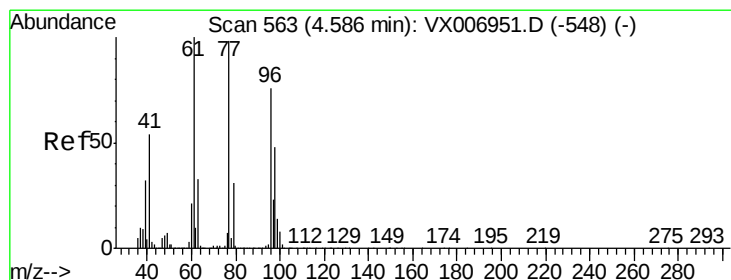
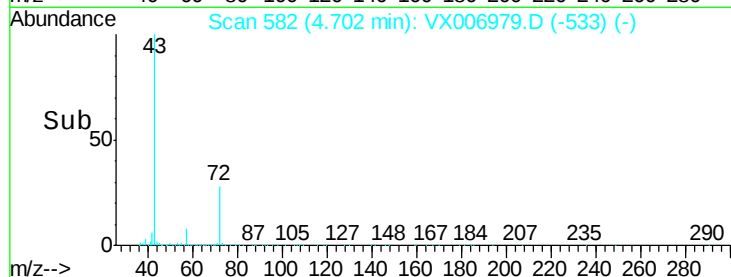
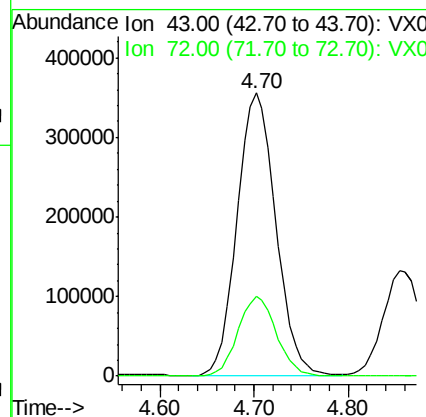
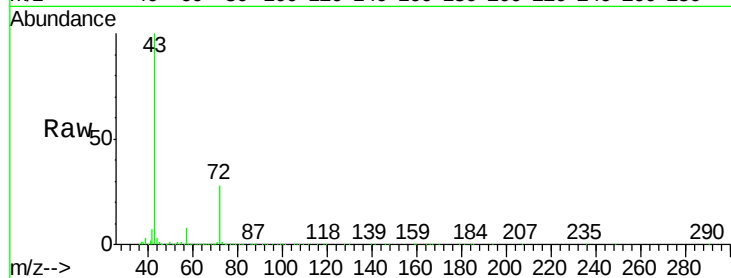
VSTDCCC050EC

Manual Integrations

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1/10/2019 10:54:20 AM



#26

2,2-Dichloropropane

Concen: 43.055 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.00 min

Lab File: VX006979.D

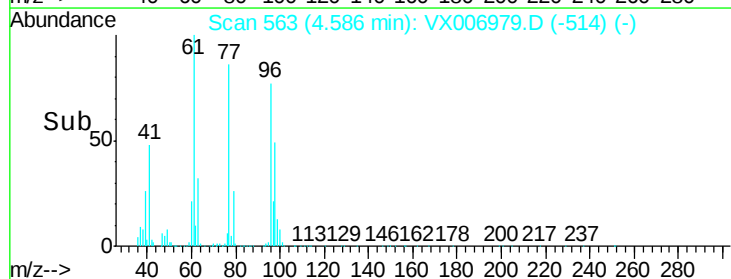
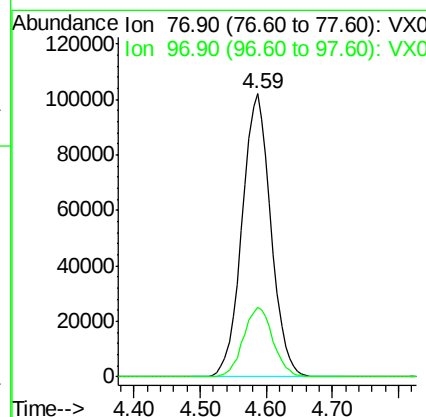
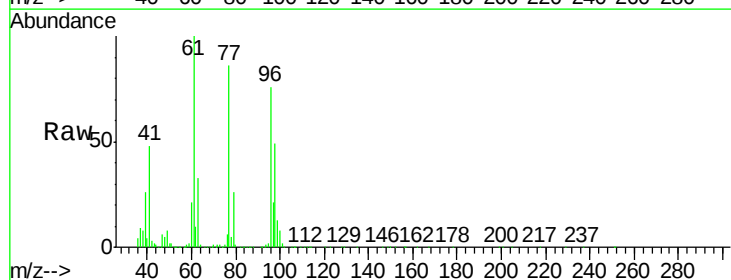
Acq: 09 Jan 2019 21:26

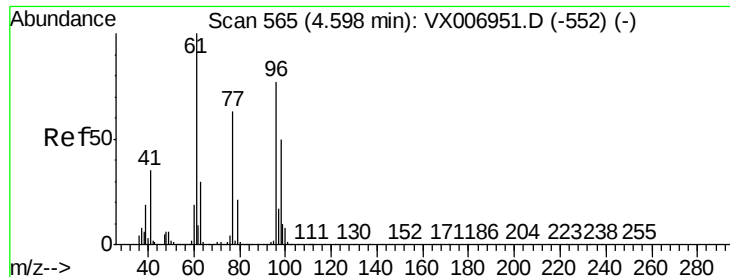
Tgt Ion: 77 Resp: 309068

Ion Ratio Lower Upper

77 100

97 25.4 12.4 37.4





#27

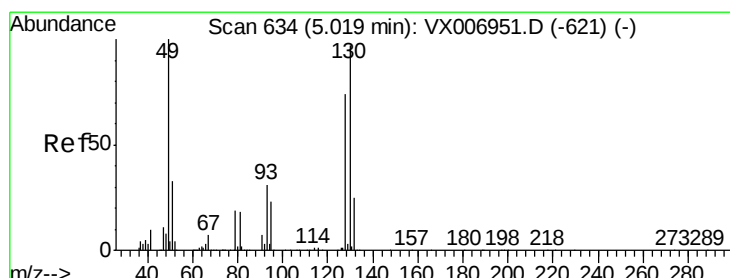
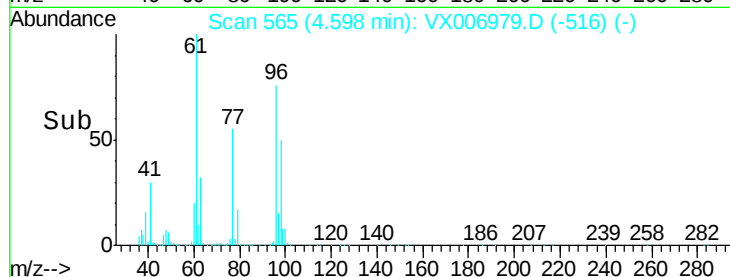
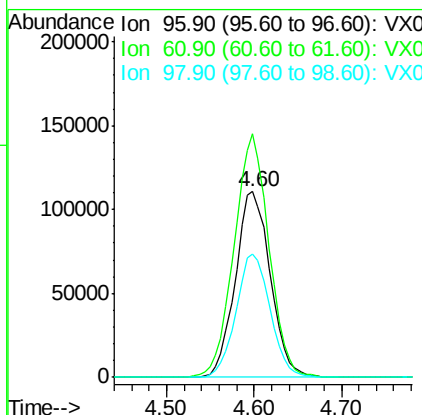
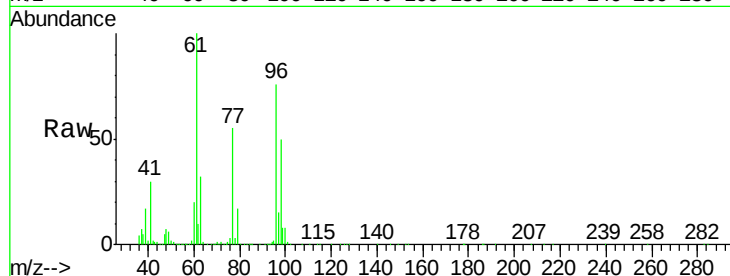
cis-1,2-Dichloroethene
Concen: 48.340 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX006979.D
Acq: 09 Jan 2019 21:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100	307891		
61	130.2		0.0	258.6
98	65.1		0.0	132.0

Manual Integrations
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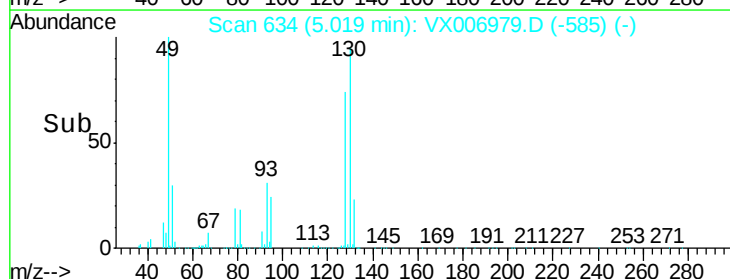
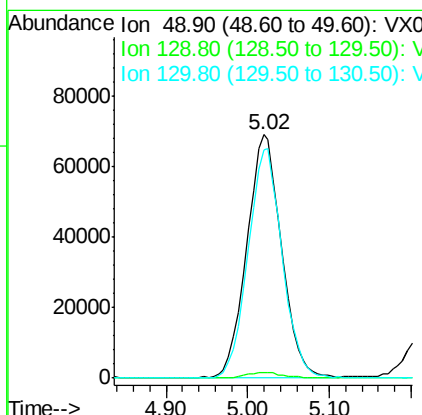
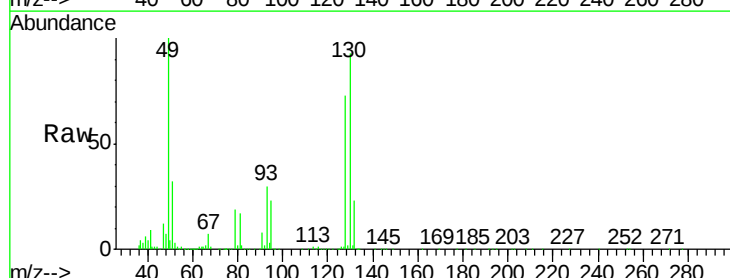
MMDadoda
1/10/2019 10:54:20 AM

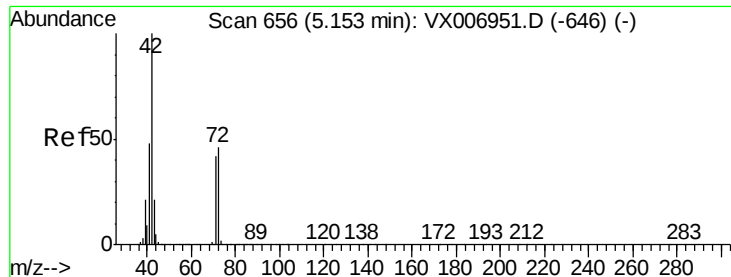


#28

Bromochloromethane
Concen: 49.773 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.00 min
Lab File: VX006979.D
Acq: 09 Jan 2019 21:26

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	203573		
129	2.6		0.0	5.4
130	93.3		77.7	116.5





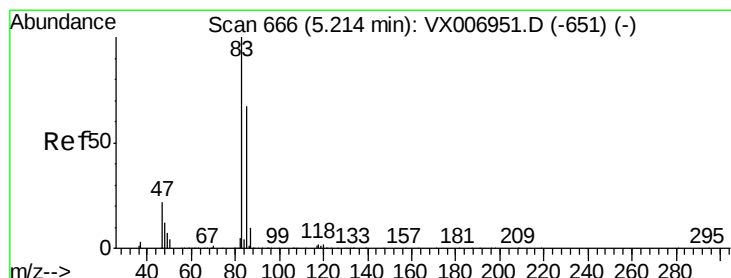
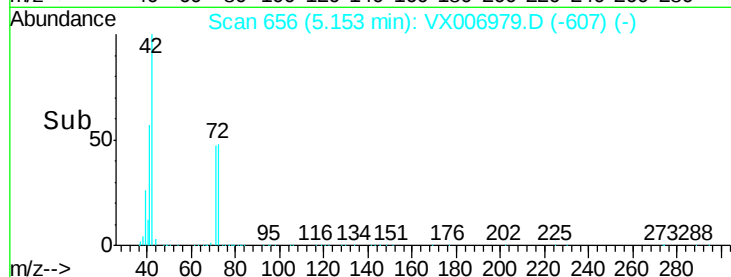
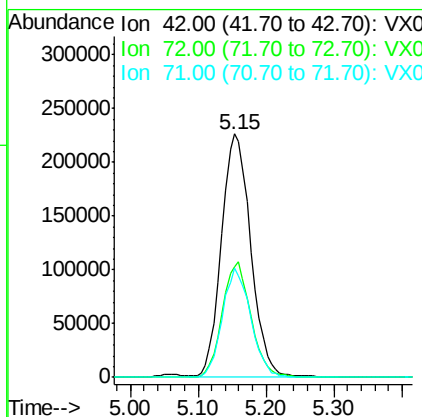
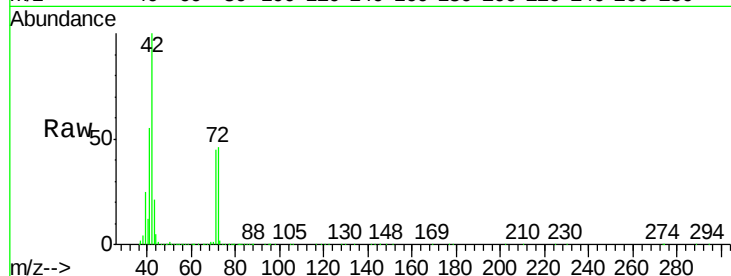
#29
Tetrahydrofuran
Concen: 248.920 ug/l
RT: 5.15 min Scan# 656
Delta R.T. 0.00 min
Lab File: VX006979.D
Acq: 09 Jan 2019 21:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	46.3	38.9	58.3
71	43.6	36.2	54.4

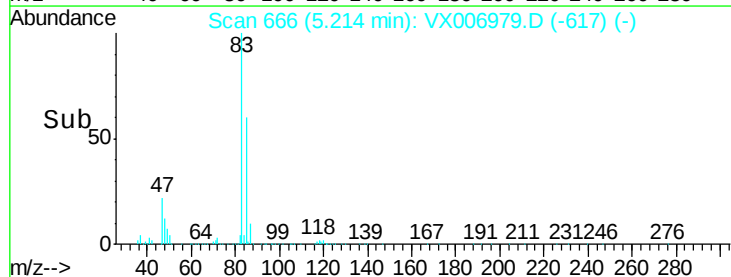
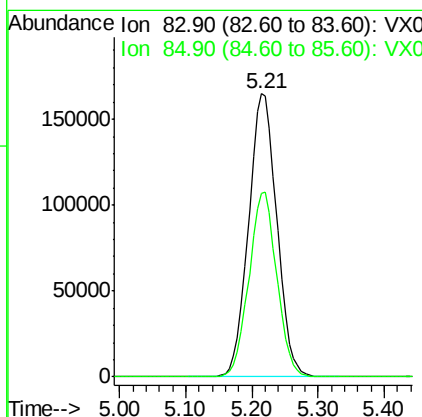
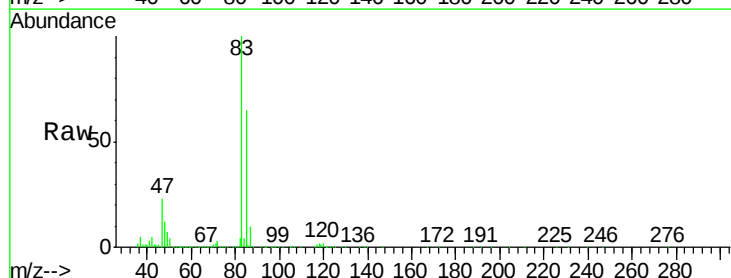
Manual Integrations
APPROVED

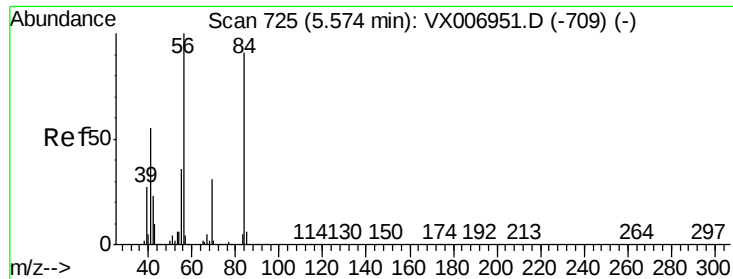
MMDadoda
1/10/2019 10:54:20 AM



#30
Chloroform
Concen: 50.159 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.00 min
Lab File: VX006979.D
Acq: 09 Jan 2019 21:26

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.8	51.2	76.8





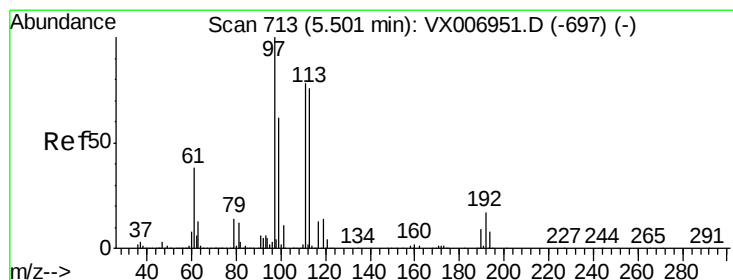
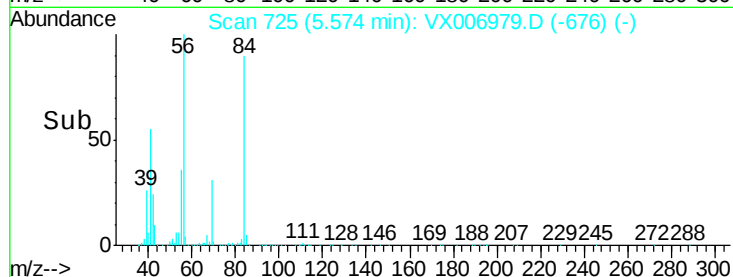
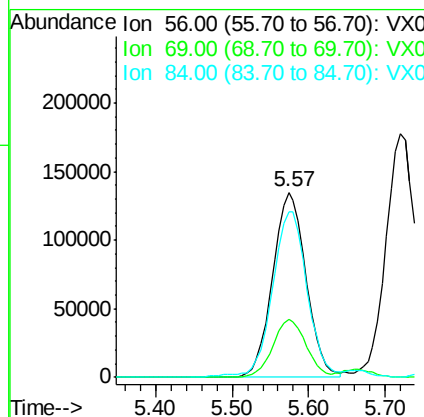
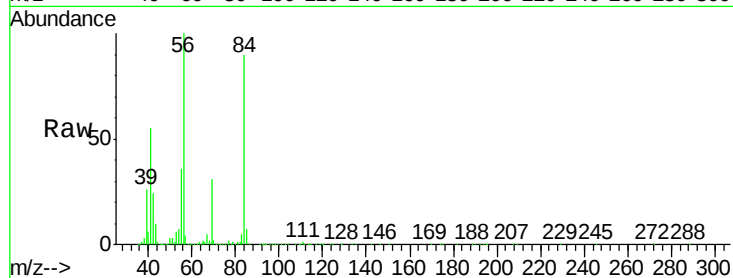
#31
Cyclohexane
Concen: 49.123 ug/l
RT: 5.57 min Scan# 725
Delta R.T. 0.00 min
Lab File: VX006979.D
Acq: 09 Jan 2019 21:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	31.1	24.4	36.6
84	89.5	70.0	105.0

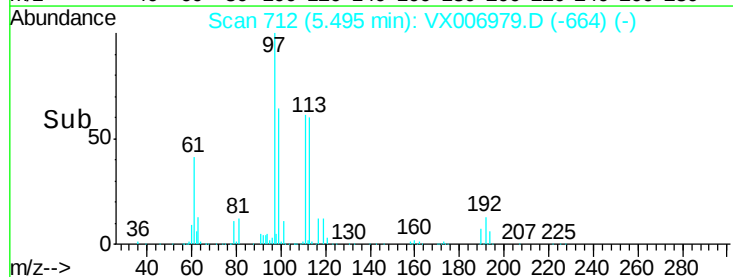
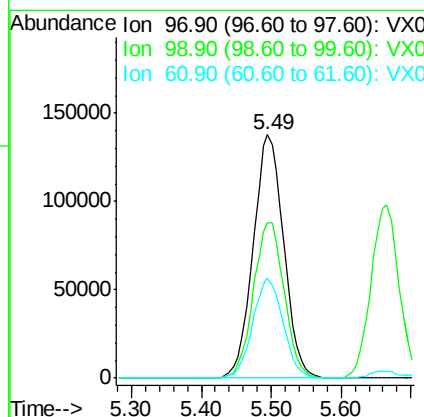
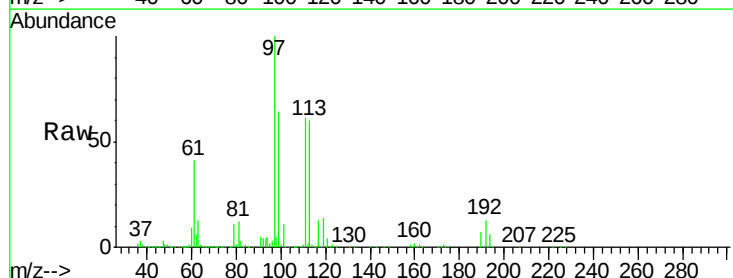
Manual Integrations
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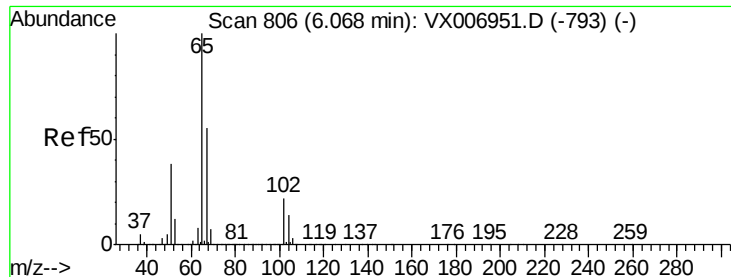
MMDadoda
1/10/2019 10:54:20 AM



#32
1,1,1-Trichloroethane
Concen: 50.365 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.01 min
Lab File: VX006979.D
Acq: 09 Jan 2019 21:26

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.7	51.7	77.5
61	41.0	31.3	46.9





#33

1,2-Dichloroethane-d4

Concen: 48.765 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX006979.D

Acq: 09 Jan 2019 21:26

Tot Ion: 65 Resp: 287322

Ion Ratio Lower Upper

65 100

67 53.8 0.0 105.0

Instrument :

MSVOA_X

ClientSampleId :

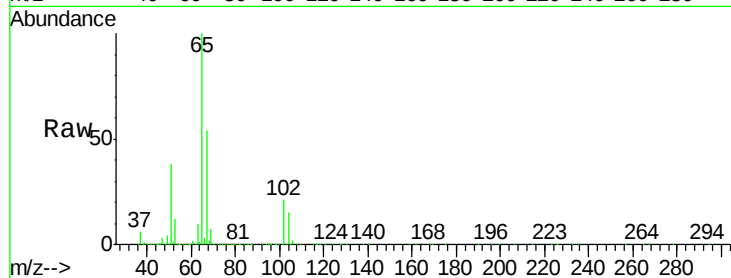
VSTDCCC050EC

Manual Integrations

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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

120000

100000

80000

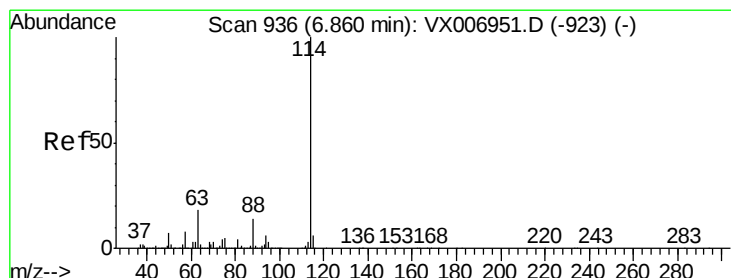
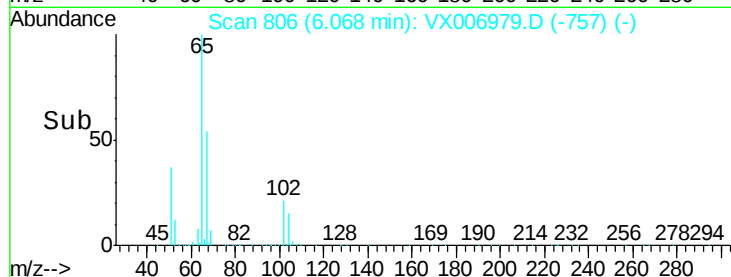
60000

40000

20000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX006979.D

Acq: 09 Jan 2019 21:26

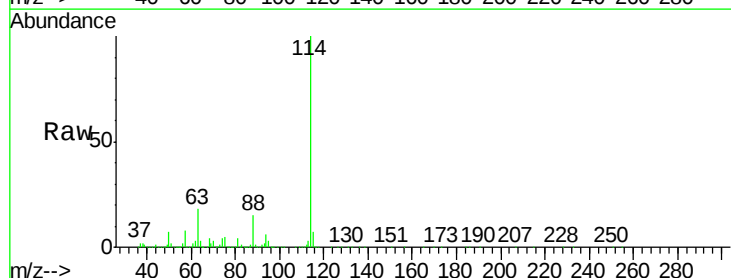
Tgt Ion: 114 Resp: 844172

Ion Ratio Lower Upper

114 100

63 18.2 0.0 34.8

88 14.8 0.0 28.8



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

500000

400000

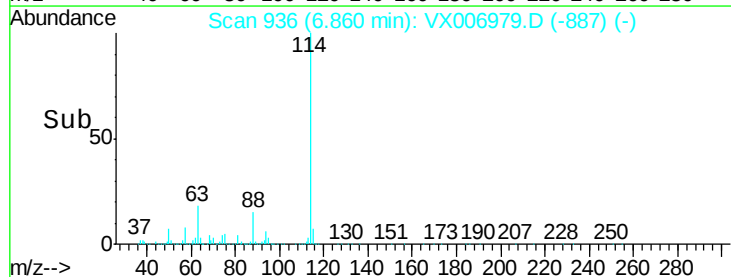
300000

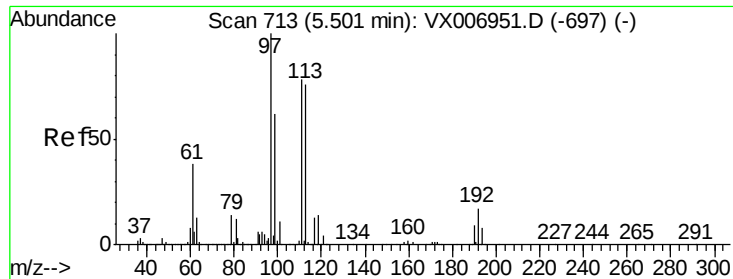
200000

100000

0

Time-->





#35

Dibromofluoromethane

Concen: 48.699 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX006979.D

Acq: 09 Jan 2019 21:26

Instrument :

MSVOA_X

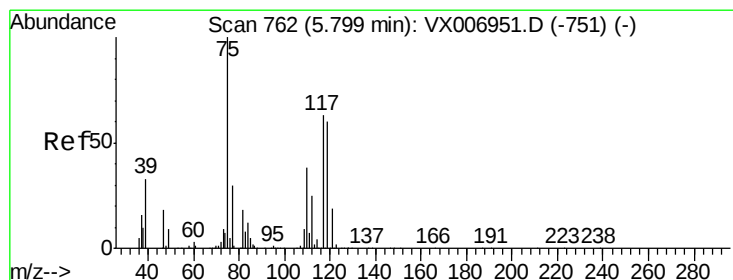
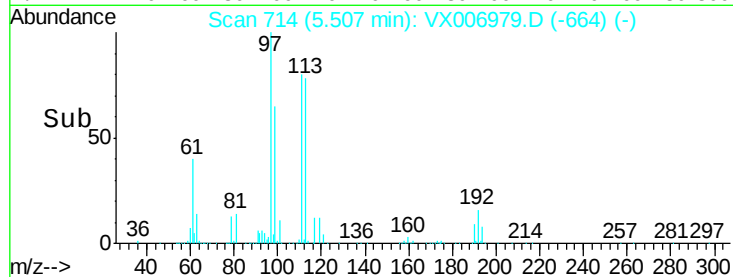
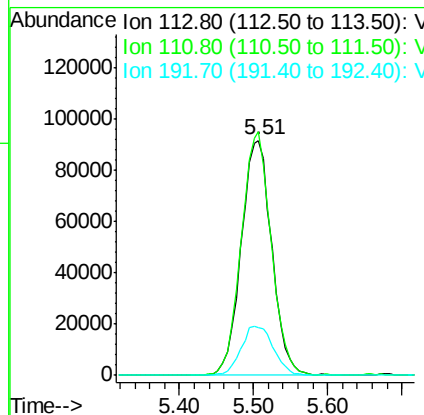
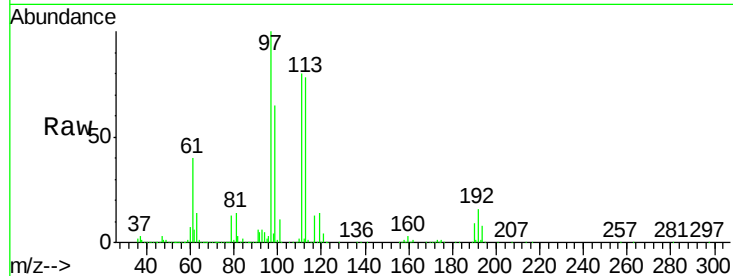
ClientSampleId :

VSTDCCC050EC

Tot Ion:	113	Resp:	263269
Ion Ratio	Lower	Upper	
113	100		
111	101.7	81.6	122.4
192	22.1	16.7	25.1

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#36

1,1-Dichloropropene

Concen: 47.468 ug/l

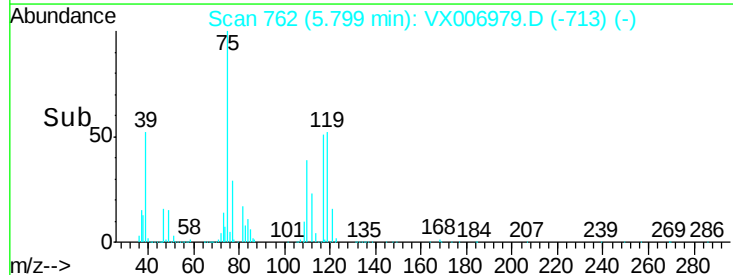
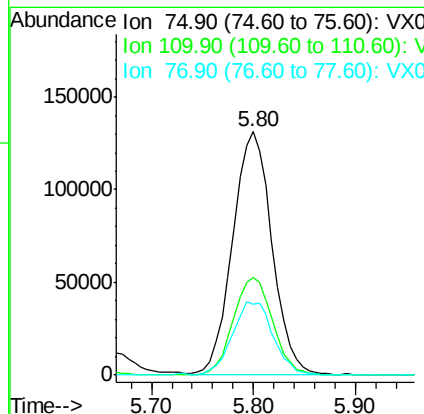
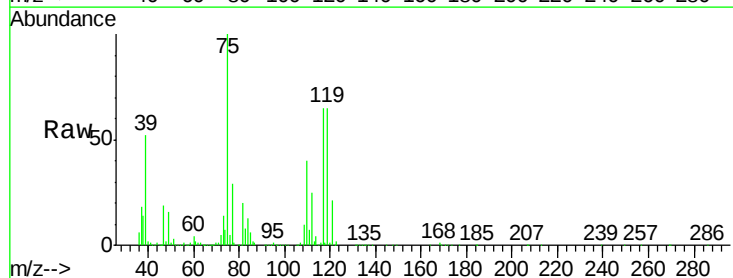
RT: 5.80 min Scan# 762

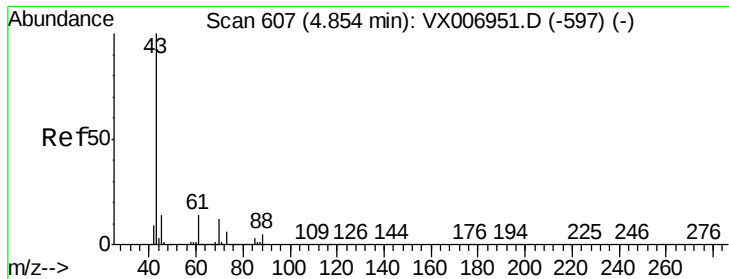
Delta R.T. 0.00 min

Lab File: VX006979.D

Acq: 09 Jan 2019 21:26

Tgt Ion:	75	Resp:	348388
Ion Ratio	Lower	Upper	
75	100		
110	40.8	20.2	60.5
77	31.2	24.8	37.2





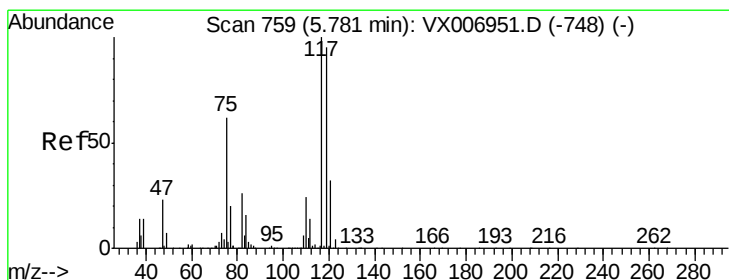
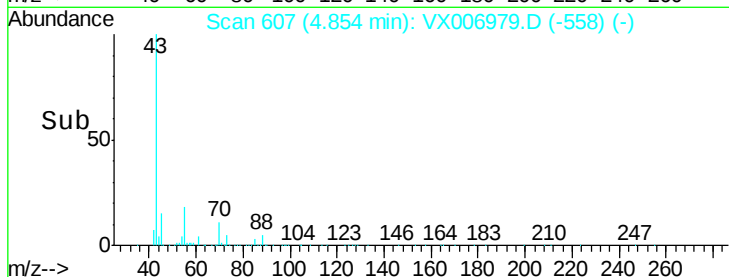
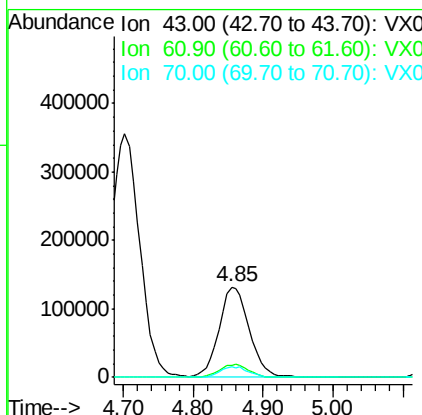
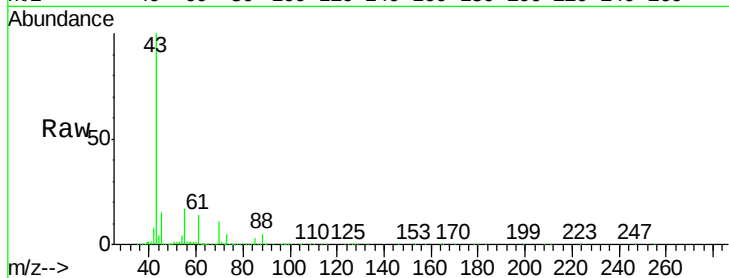
#37
Ethyl Acetate
Concen: 49.681 ug/l
RT: 4.85 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX006979.D
Acq: 09 Jan 2019 21:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	43	Resp	390919
Ion	Ratio	Lower	Upper
43	100		
61	14.4	11.9	17.9
70	11.4	9.7	14.5

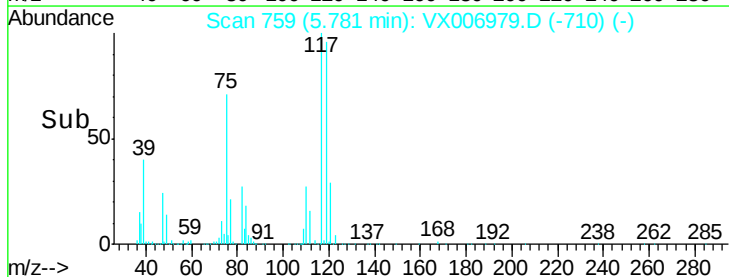
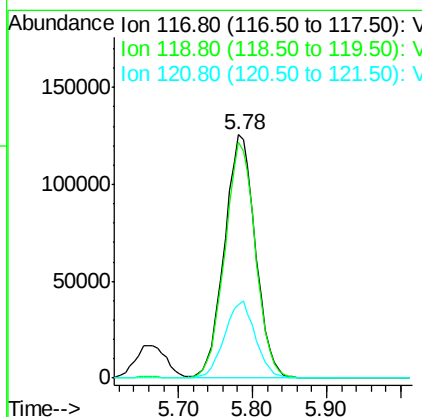
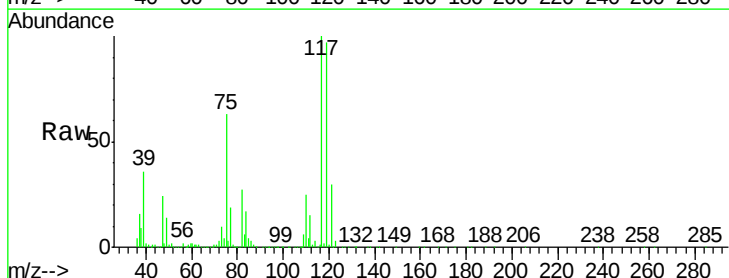
Manual Integrations
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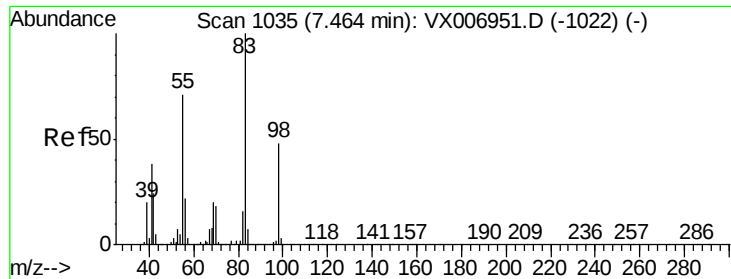
MMDadoda
1/10/2019 10:54:20 AM



#38
Carbon Tetrachloride
Concen: 49.281 ug/l
RT: 5.78 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX006979.D
Acq: 09 Jan 2019 21:26

Tgt Ion	117	Resp	363902
Ion	Ratio	Lower	Upper
117	100		
119	96.6	79.4	119.2
121	29.9	24.0	36.0





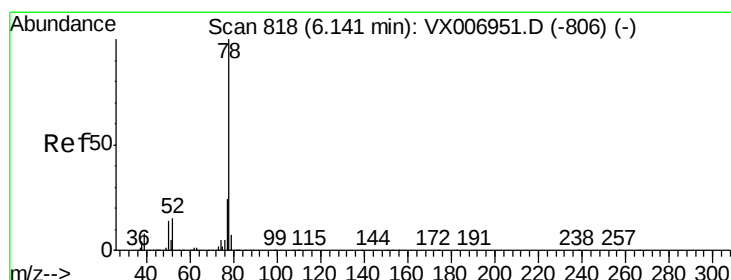
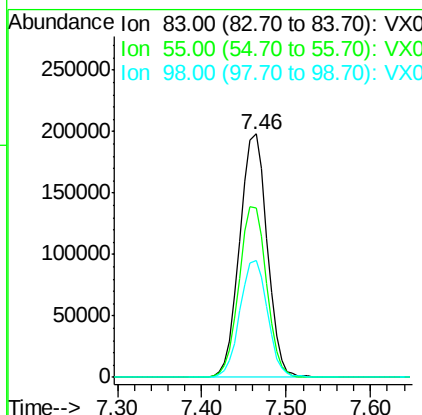
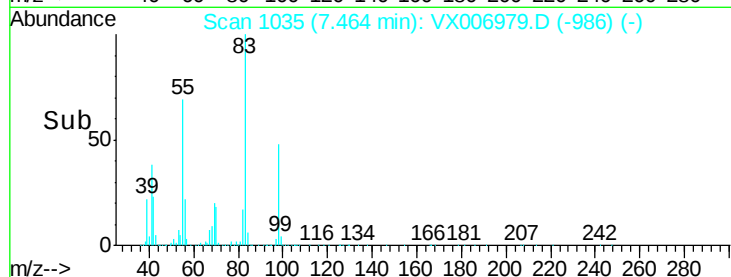
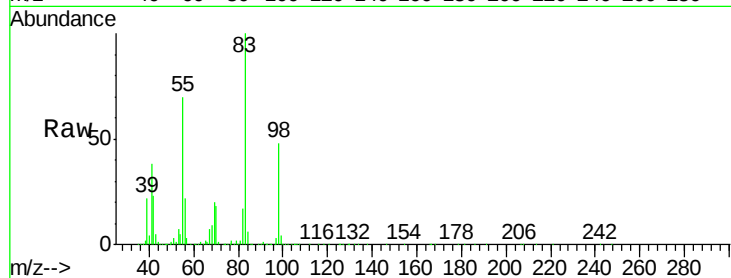
#39
Methvlcvclohexane
Concen: 46.569 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX006979.D
Acq: 09 Jan 2019 21:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	69.6	54.9	82.3
98	47.8	37.9	56.9

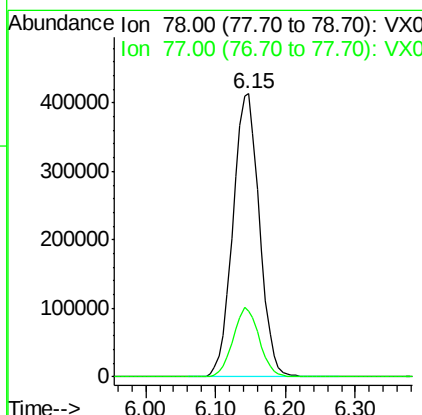
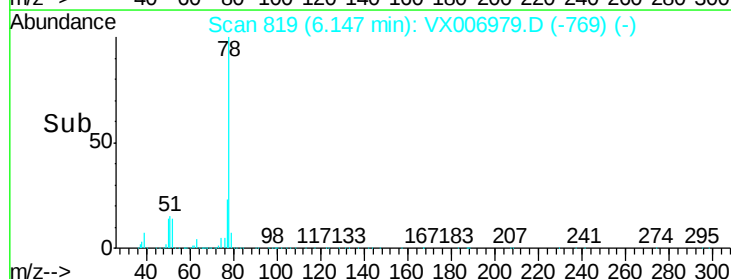
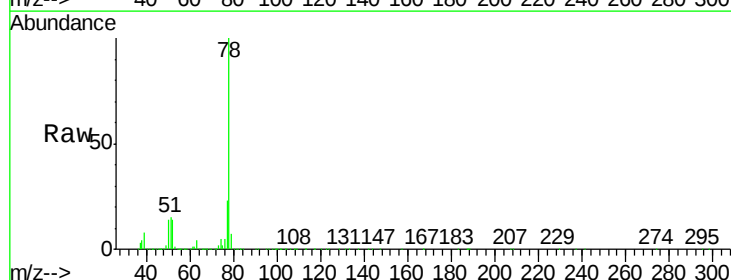
Manual Integrations
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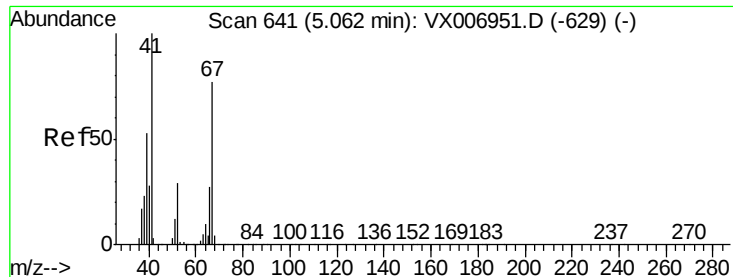
MMDadoda
1/10/2019 10:54:20 AM



#40
Benzene
Concen: 48.506 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX006979.D
Acq: 09 Jan 2019 21:26

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.3	19.2	28.8





#41

Methacrylonitrile

Concen: 47.648 ug/l

RT: 5.06 min Scan# 641

Delta R.T. 0.00 min

Lab File: VX006979.D

Acq: 09 Jan 2019 21:26

Instrument :

MSVOA_X

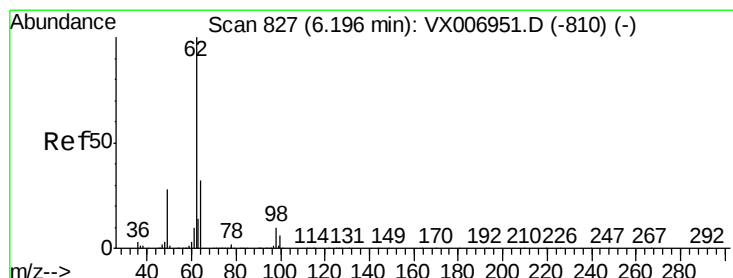
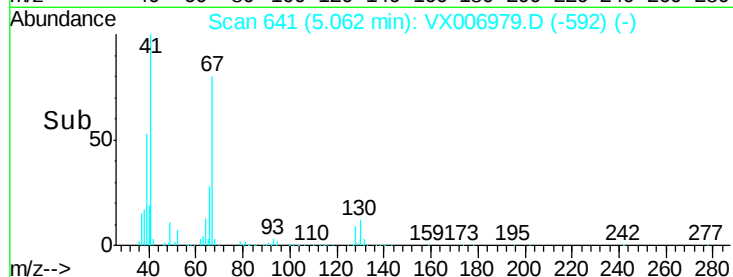
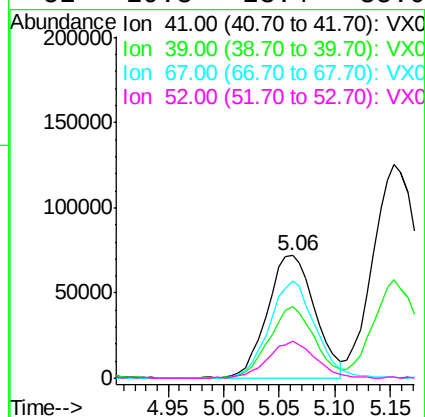
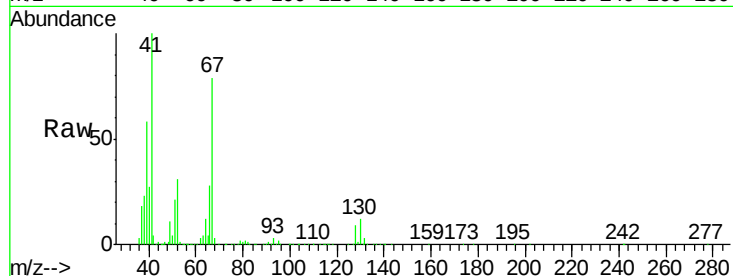
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
41	100		
39	54.1	42.8	64.2
67	76.1	62.1	93.1
52	29.3	23.4	35.0

Manual Integrations
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MMDadoda
1/10/2019 10:54:20 AM



#42

1,2-Dichloroethane

Concen: 47.889 ug/l

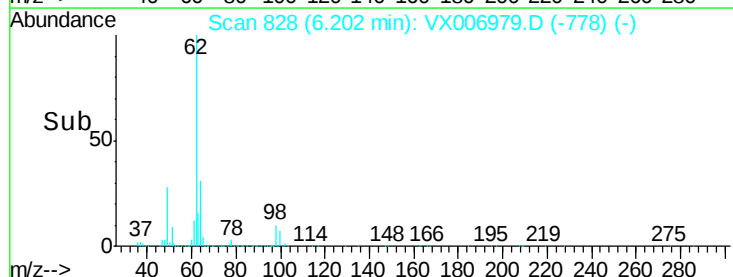
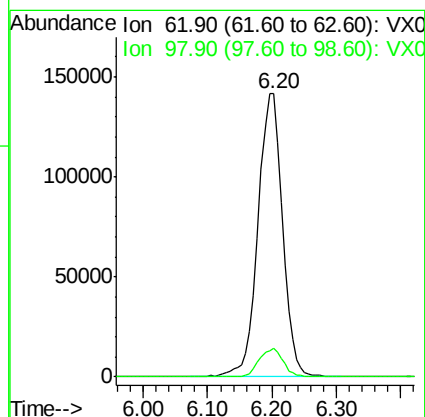
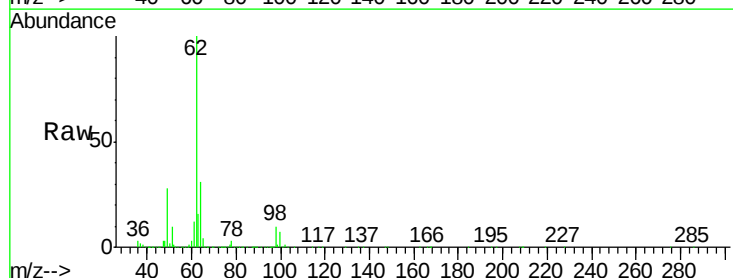
RT: 6.20 min Scan# 828

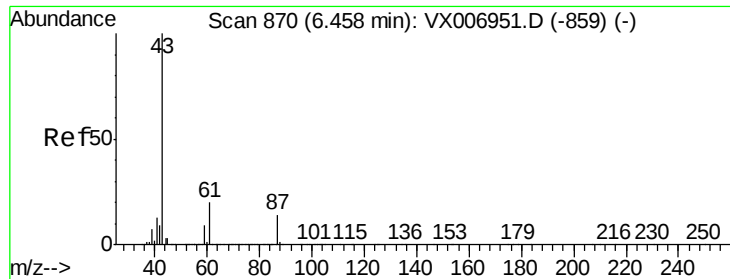
Delta R.T. 0.01 min

Lab File: VX006979.D

Acq: 09 Jan 2019 21:26

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	20.2





#43

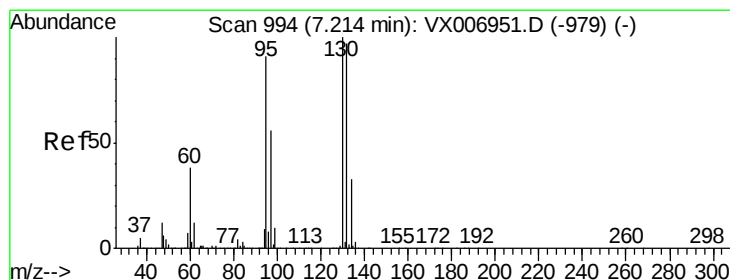
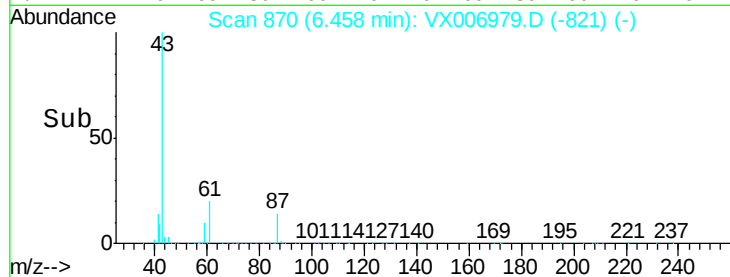
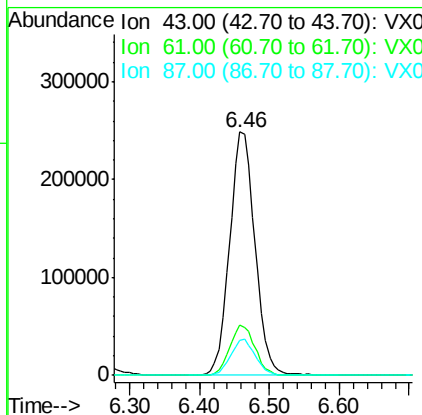
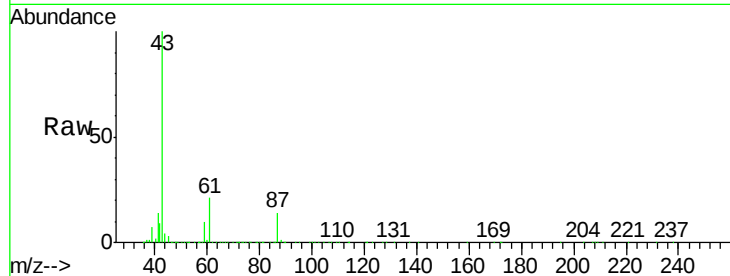
Isopropyl Acetate
 Concen: 50.308 ug/l
 RT: 6.46 min Scan# 870
 Delta R.T. 0.00 min
 Lab File: VX006979.D
 Acq: 09 Jan 2019 21:26

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.6	16.8	25.2
87	14.4	12.4	18.6

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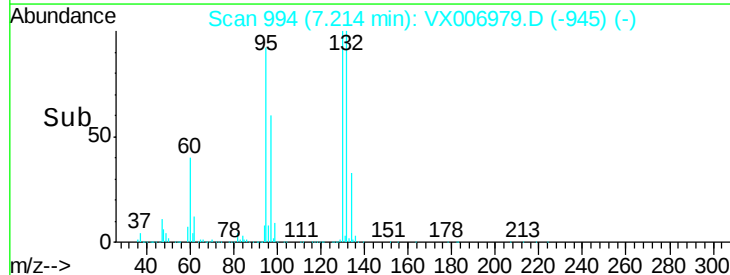
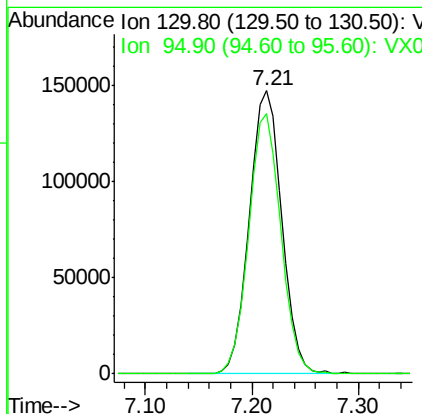
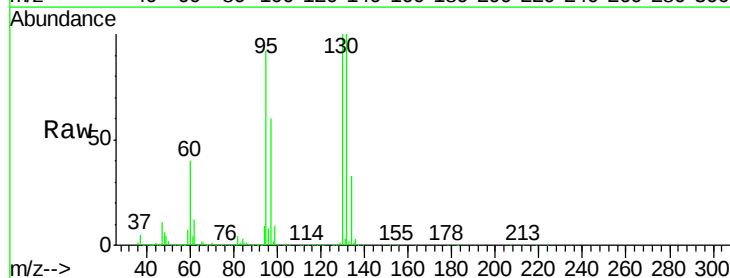
MMDadoda
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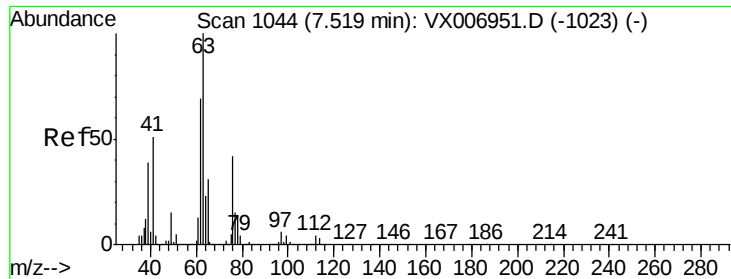


#44

Trichloroethene
 Concen: 47.081 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX006979.D
 Acq: 09 Jan 2019 21:26

Tgt Ion	Ratio	Lower	Upper
130	100		
95	92.0	0.0	187.0





#45

1,2-Dichloropropane

Concen: 49.594 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.01 min

Lab File: VX006979.D

Acq: 09 Jan 2019 21:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 63 Resp: 279222

Ion Ratio Lower Upper

63 100

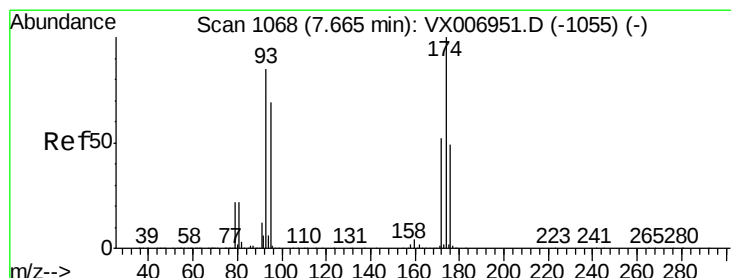
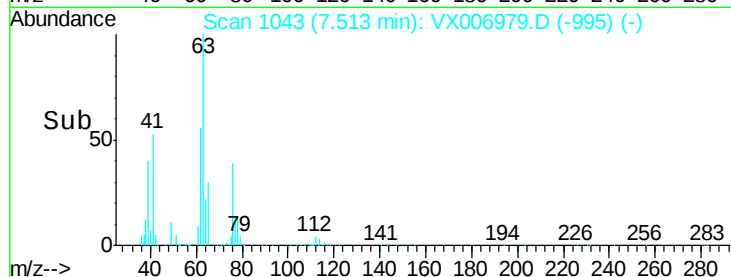
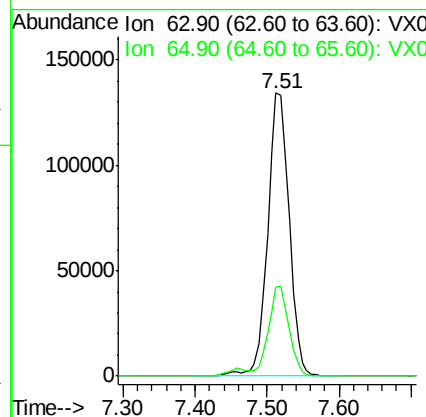
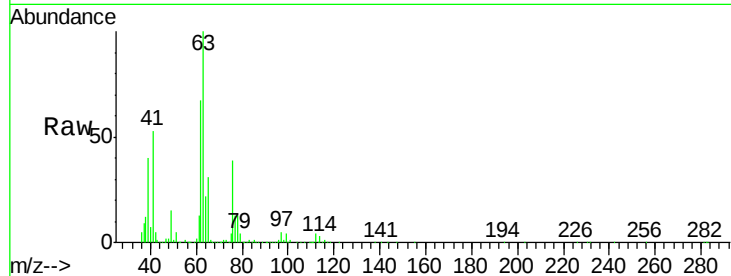
65 31.5 25.4 38.0

Manual Integrations

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#46

Dibromomethane

Concen: 49.467 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.01 min

Lab File: VX006979.D

Acq: 09 Jan 2019 21:26

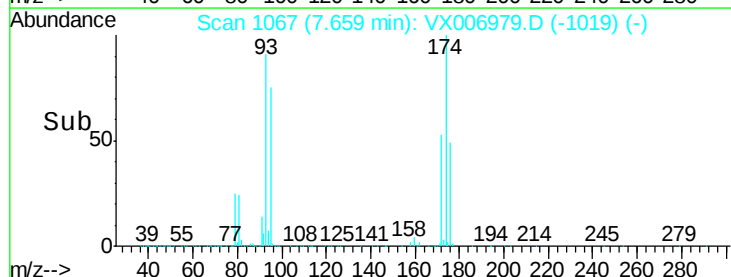
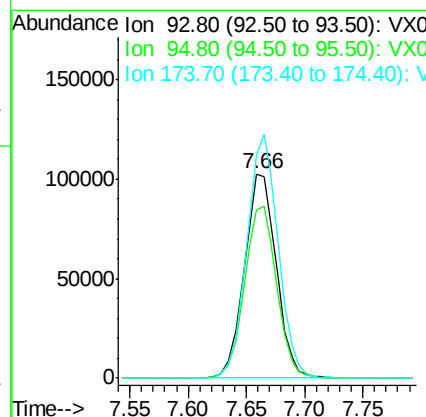
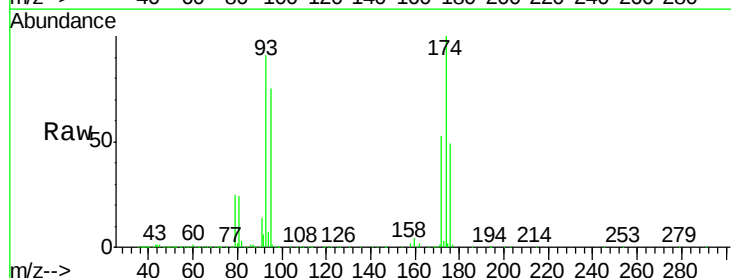
Tgt Ion: 93 Resp: 195733

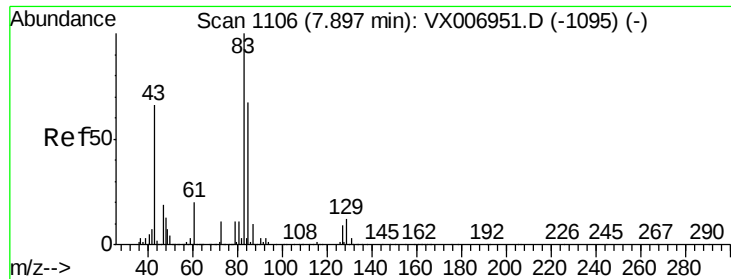
Ion Ratio Lower Upper

93 100

95 85.2 66.2 99.4

174 117.6 91.0 136.4





#47

Bromodichloromethane

Concen: 51.604 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX006979.D

Acq: 09 Jan 2019 21:26

Instrument :

MSVOA_X

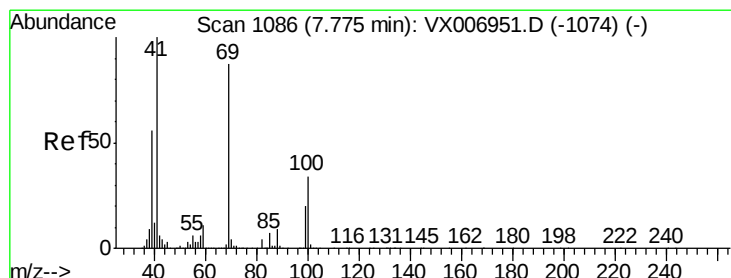
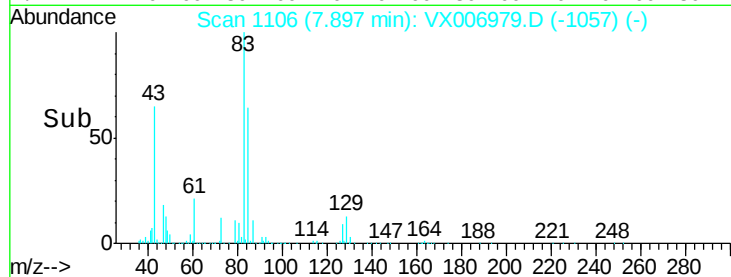
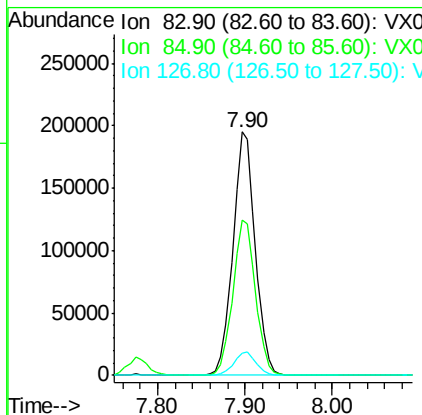
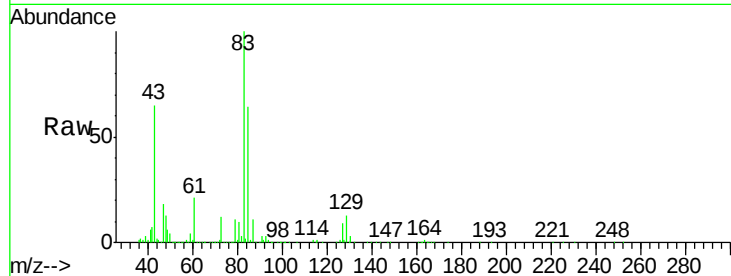
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	347558
Ion Ratio	Lower	Upper	
83	100		
85	63.7	53.2	79.8
127	9.0	7.8	11.6

Manual Integrations
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#48

Methyl methacrylate

Concen: 50.357 ug/l

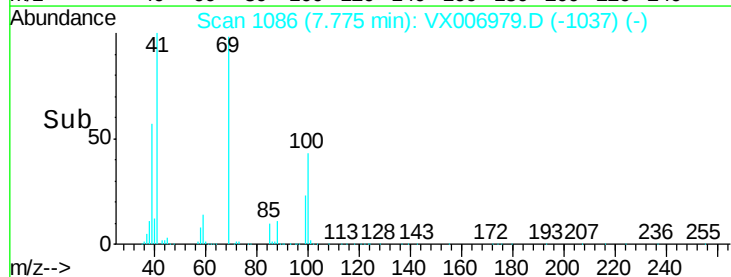
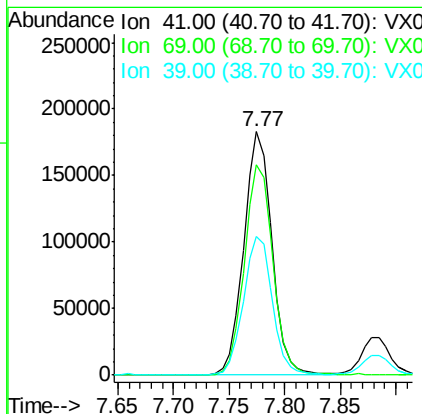
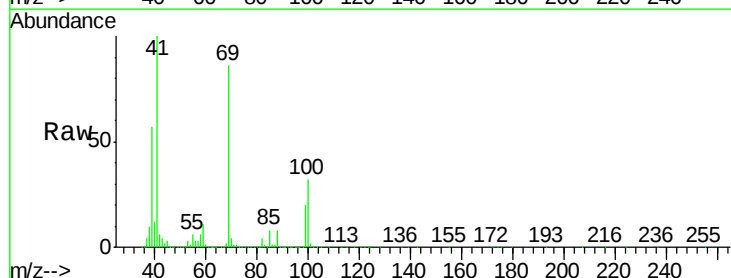
RT: 7.77 min Scan# 1086

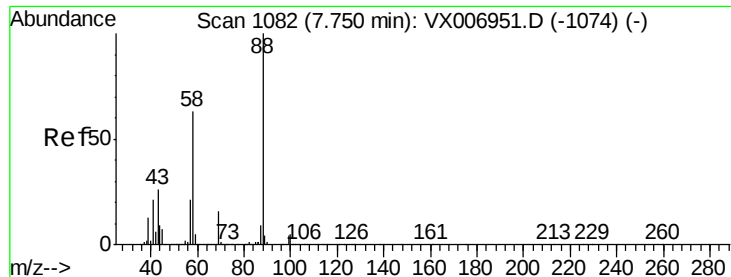
Delta R.T. 0.00 min

Lab File: VX006979.D

Acq: 09 Jan 2019 21:26

Tgt Ion:	41	Resp:	320963
Ion Ratio	Lower	Upper	
41	100		
69	88.4	72.4	108.6
39	58.3	45.8	68.8





#49

1,4-Dioxane

Concen: 839.177 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. 0.00 min

Lab File: VX006979.D

Acq: 09 Jan 2019 21:26

Instrument :

MSVOA_X

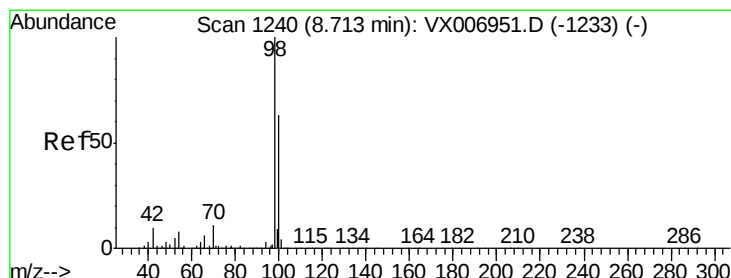
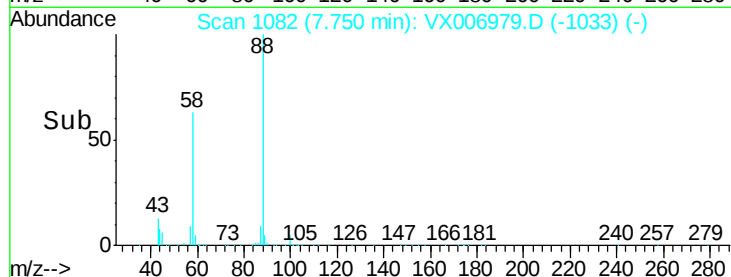
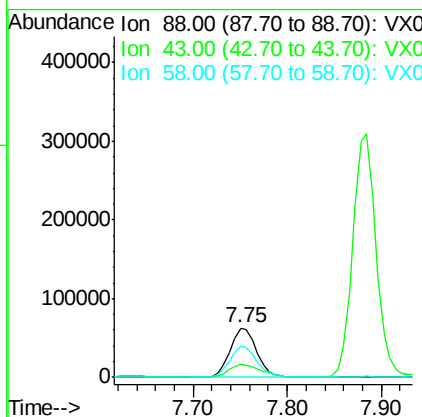
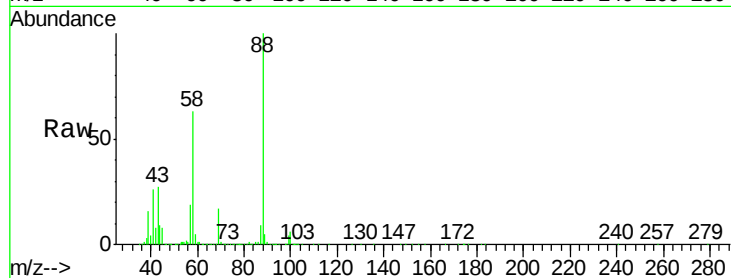
ClientSampleId :

VSTDCCC050EC

Tot Ion:	88	Resp:	122349
Ion	Ratio	Lower	Upper
88	100		
43	30.9	22.2	33.4
58	64.4	51.0	76.4

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#50

Toluene-d8

Concen: 48.637 ug/l

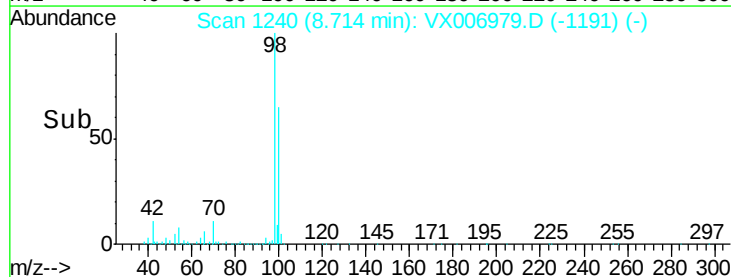
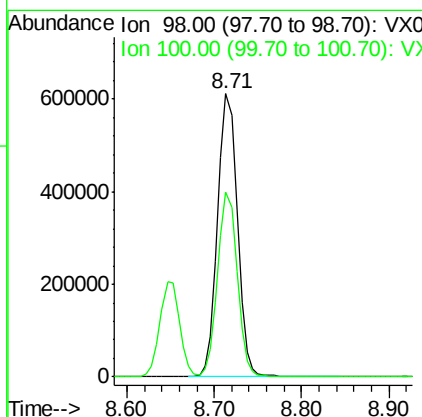
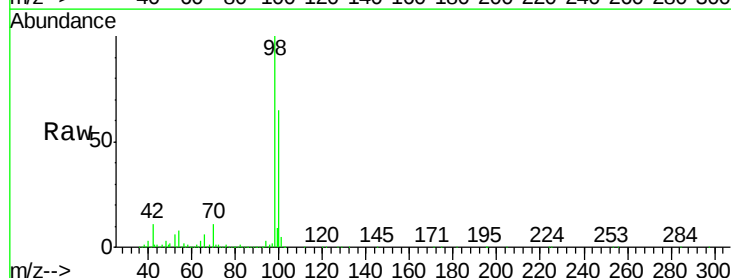
RT: 8.71 min Scan# 1240

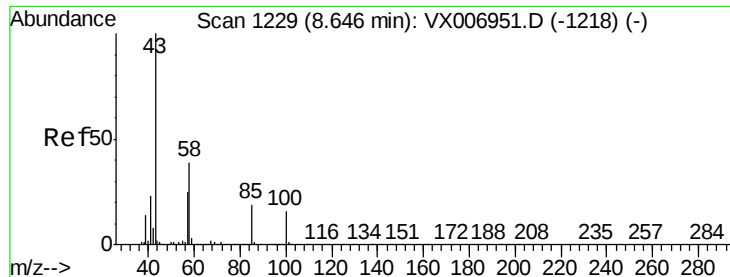
Delta R.T. 0.00 min

Lab File: VX006979.D

Acq: 09 Jan 2019 21:26

Tgt Ion:	98	Resp:	962414
Ion	Ratio	Lower	Upper
98	100		
100	64.6	52.0	78.0





#51

4-Methyl-2-Pentanone

Concen: 250.302 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. 0.00 min

Lab File: VX006979.D

Acq: 09 Jan 2019 21:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1996499

Ion Ratio Lower Upper

43 100

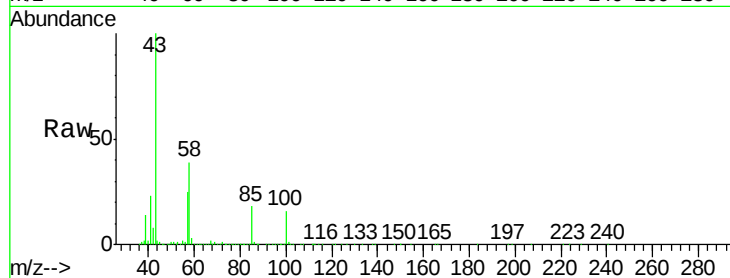
58 39.1 31.8 47.6

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

1500000

1000000

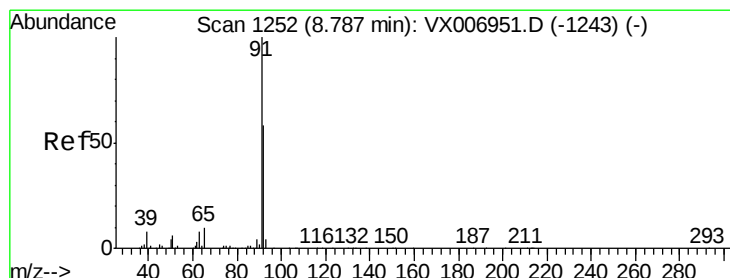
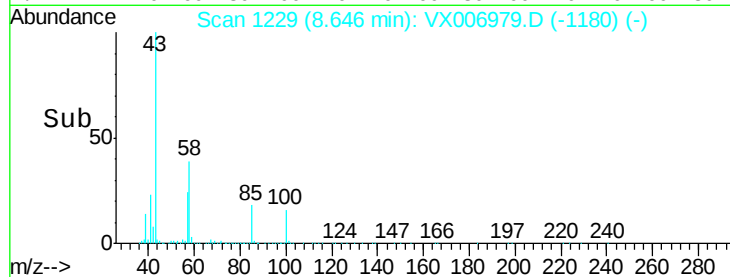
500000

0

8.65

8.60 8.70 8.80

Time-->



#52

Toluene

Concen: 48.432 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VX006979.D

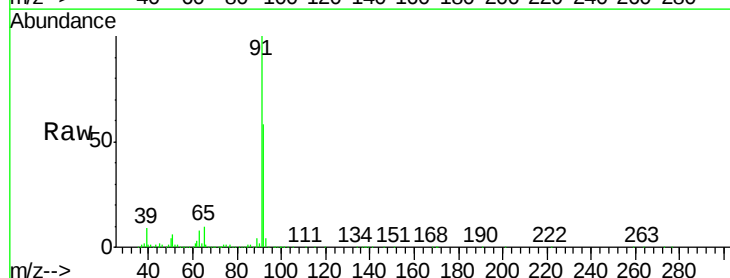
Acq: 09 Jan 2019 21:26

Tgt Ion: 92 Resp: 697121

Ion Ratio Lower Upper

92 100

91 174.5 137.6 206.4



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

800000

600000

400000

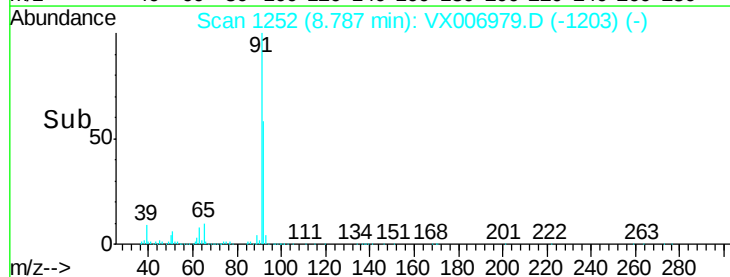
200000

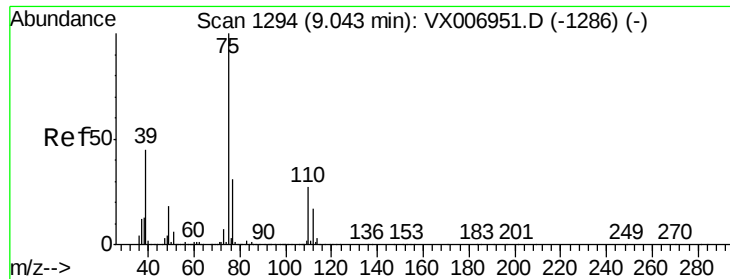
0

8.79

8.70 8.80 8.90

Time-->





#53

t-1,3-Dichloropropene

Concen: 50.768 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX006979.D

Acq: 09 Jan 2019 21:26

Tot Ion: 75 Resp: 379152

Ion Ratio Lower Upper

75 100

77 31.3 25.4 38.0

Instrument :

MSVOA_X

ClientSampleId :

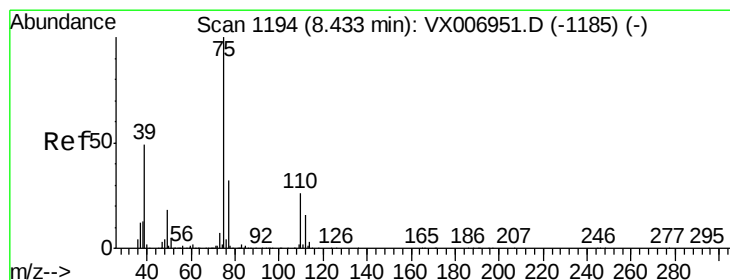
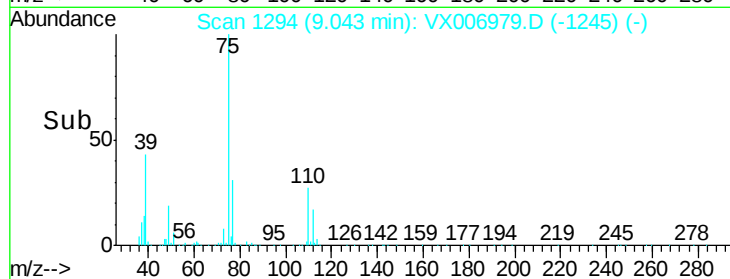
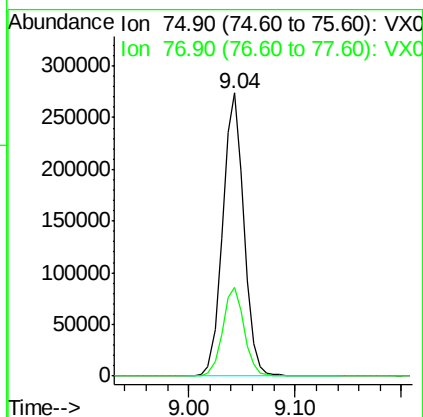
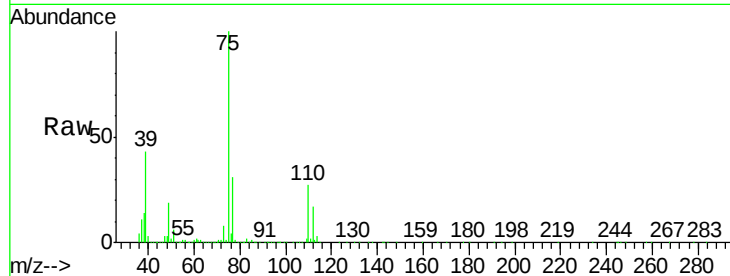
VSTDCCC050EC

Manual Integrations

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#54

cis-1,3-Dichloropropene

Concen: 51.261 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. 0.00 min

Lab File: VX006979.D

Acq: 09 Jan 2019 21:26

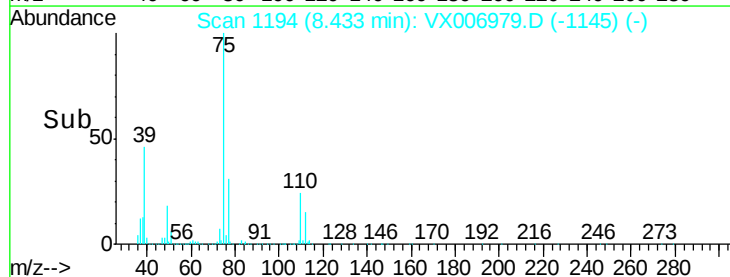
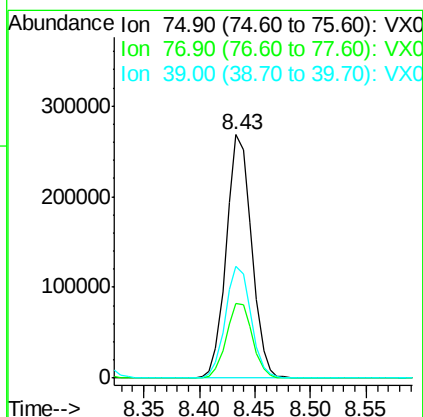
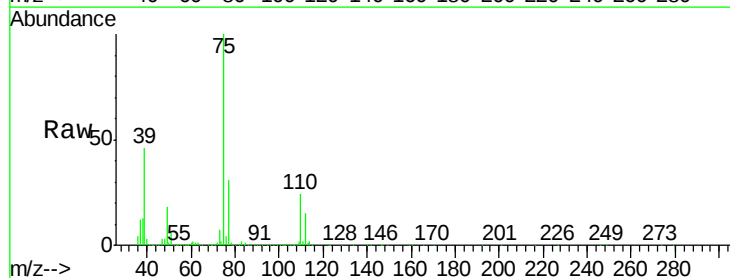
Tgt Ion: 75 Resp: 422785

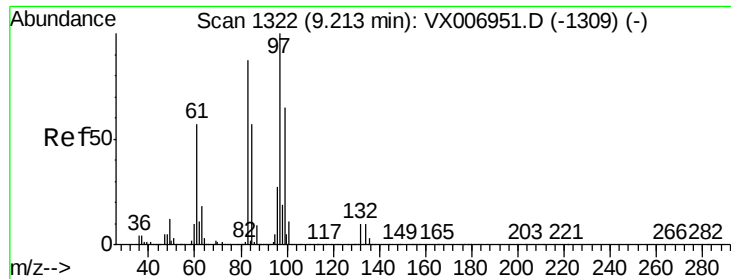
Ion Ratio Lower Upper

75 100

77 30.9 26.2 39.2

39 45.8 36.7 55.1





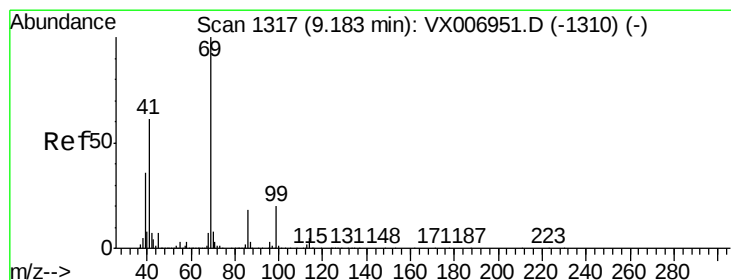
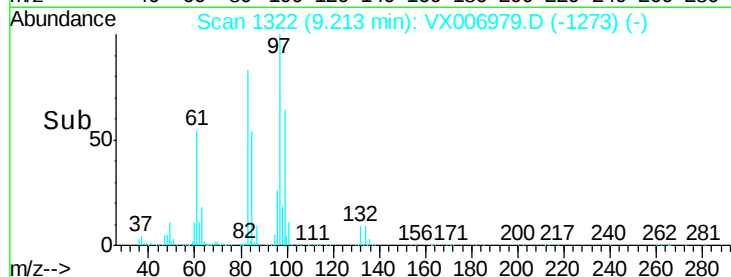
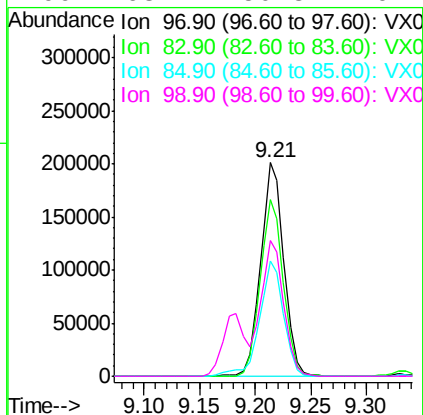
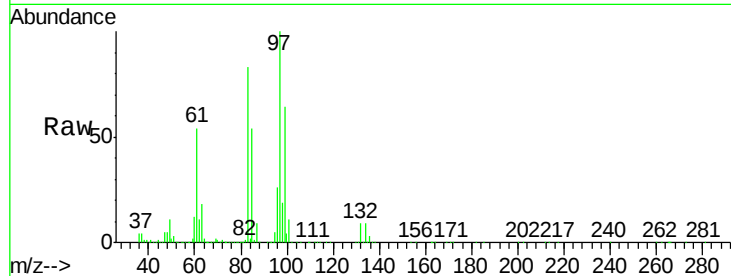
#55
 1,1,2-Trichloroethane
 Concen: 50.769 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX006979.D
 Acq: 09 Jan 2019 21:26

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		292498		
83	82.6	66.6	99.8		
85	53.6	42.7	64.1		
99	63.7	50.8	76.2		

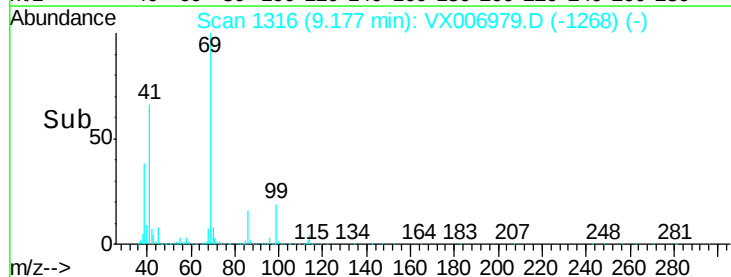
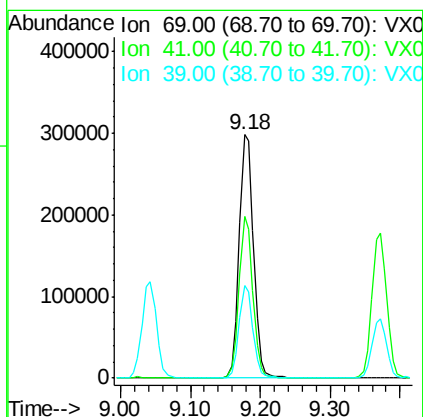
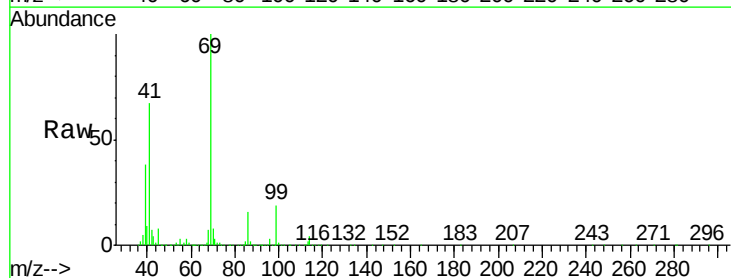
Manual Integrations
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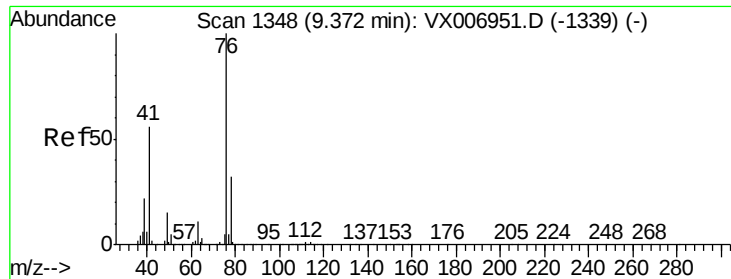
MMDadoda
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#56
 Ethyl methacrylate
 Concen: 50.637 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.01 min
 Lab File: VX006979.D
 Acq: 09 Jan 2019 21:26

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		425893		
41	63.9	48.7	73.1		
39	36.5	27.0	40.6		





#57

1,3-Dichloropropane

Concen: 49.544 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX006979.D

Acq: 09 Jan 2019 21:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 467629

Ion Ratio Lower Upper

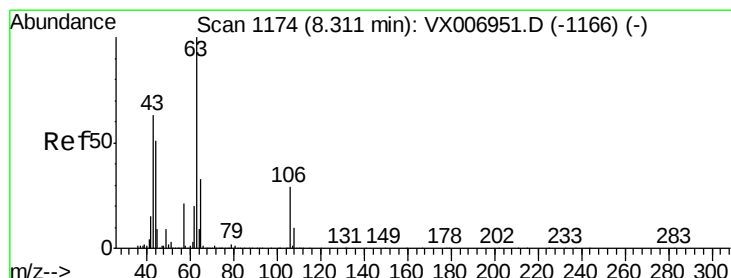
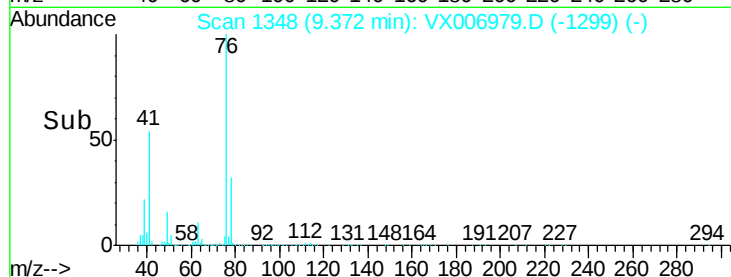
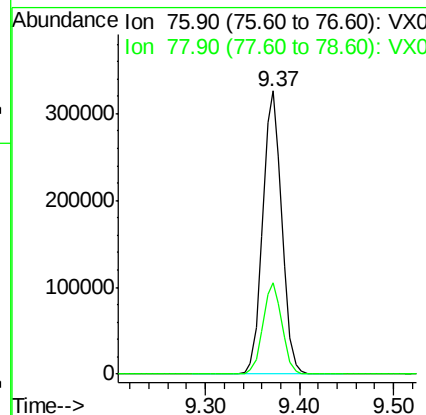
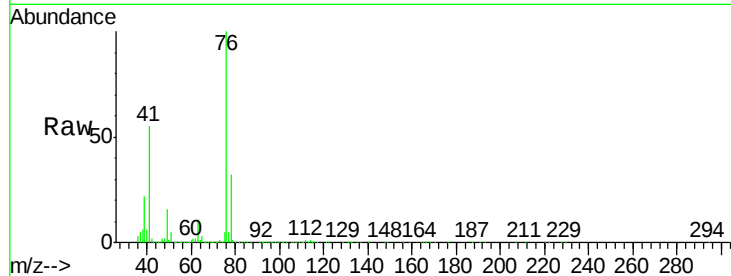
76 100

78 32.3 26.0 39.0

Manual Integrations
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MMDadoda

1/10/2019 10:54:20 AM



#58

2-Chloroethyl Vinyl ether

Concen: 246.774 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX006979.D

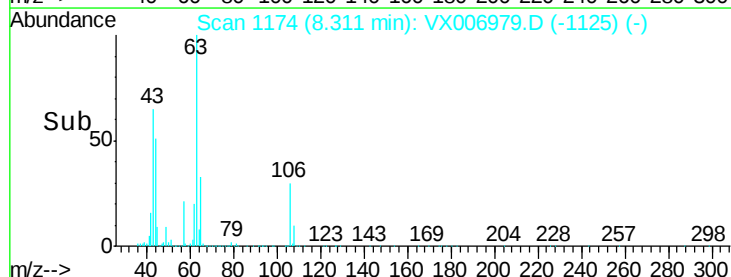
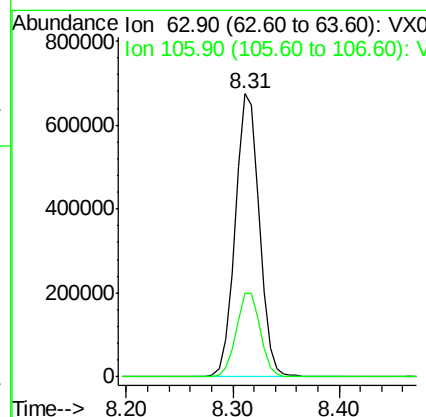
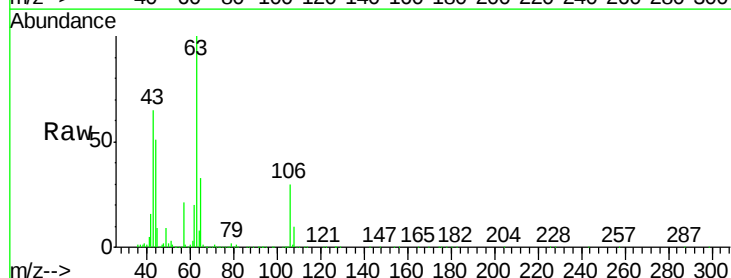
Acq: 09 Jan 2019 21:26

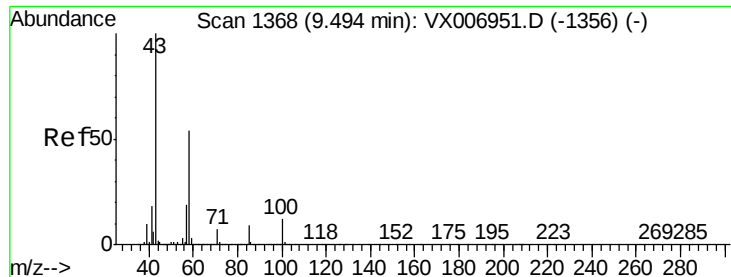
Tgt Ion: 63 Resp: 1067161

Ion Ratio Lower Upper

63 100

106 30.2 24.6 36.8





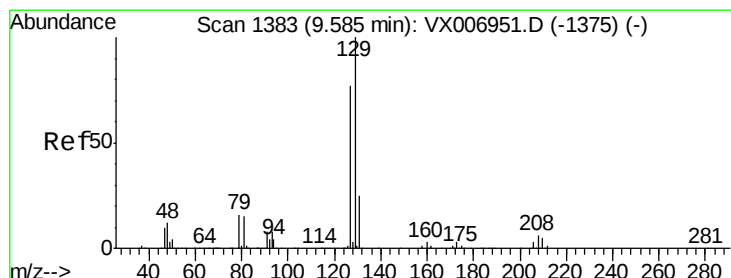
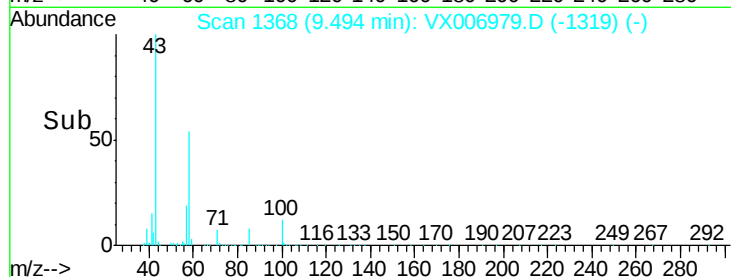
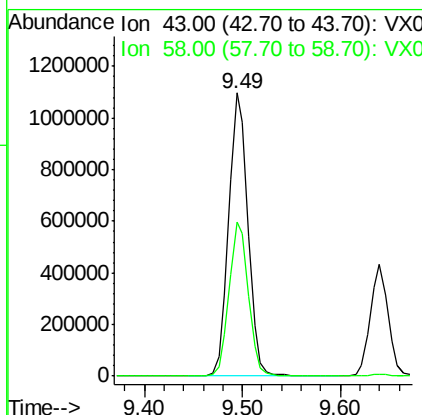
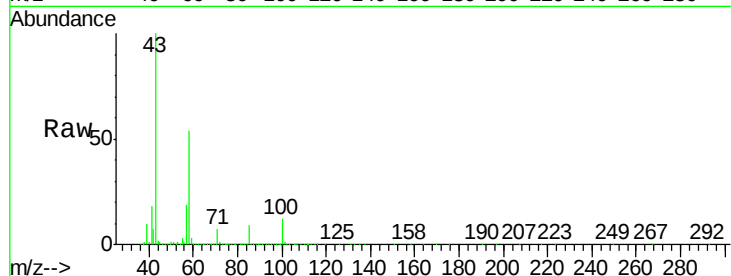
#59
2-Hexanone
Concen: 245.858 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VX006979.D
Acq: 09 Jan 2019 21:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 1494429
Ion Ratio Lower Upper
43 100
58 54.8 27.7 83.1

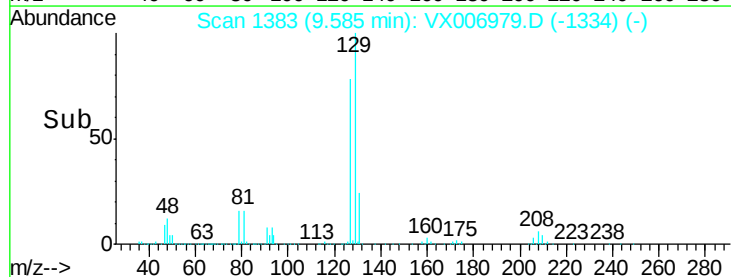
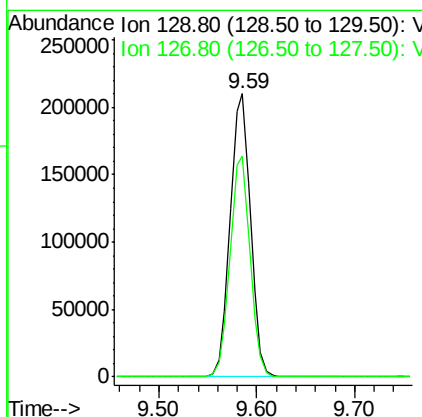
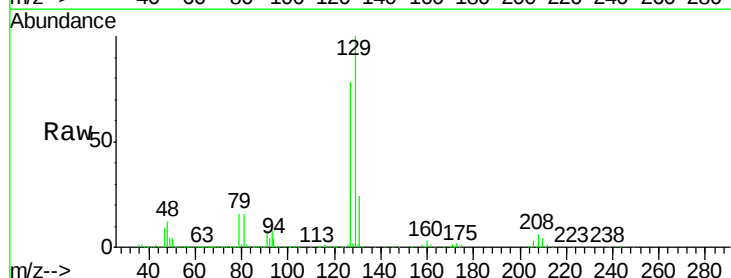
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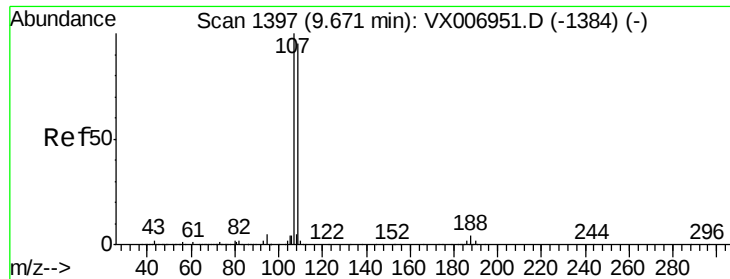
MMDadoda
1/10/2019 10:54:20 AM



#60
Dibromochloromethane
Concen: 54.297 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VX006979.D
Acq: 09 Jan 2019 21:26

Tgt Ion: 129 Resp: 303758
Ion Ratio Lower Upper
129 100
127 76.8 39.3 117.8





#61

1,2-Dibromoethane

Concen: 50.030 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX006979.D

Acq: 09 Jan 2019 21:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 107 Resp: 317320

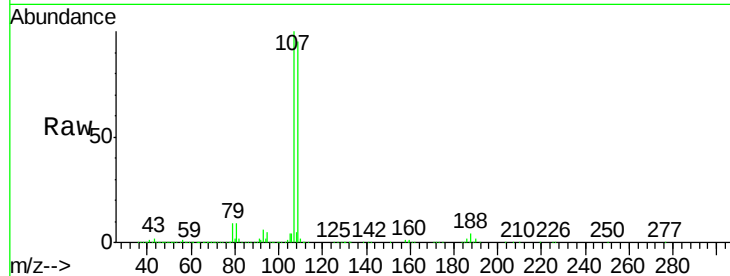
Ion Ratio Lower Upper

107 100

109 95.0 75.8 113.6

Manual Integrations
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MMDadoda
1/10/2019 10:54:20 AM



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

250000

200000

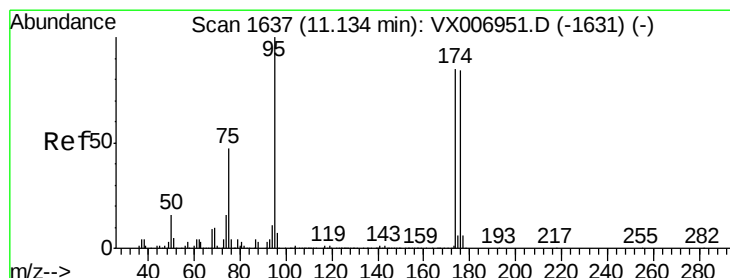
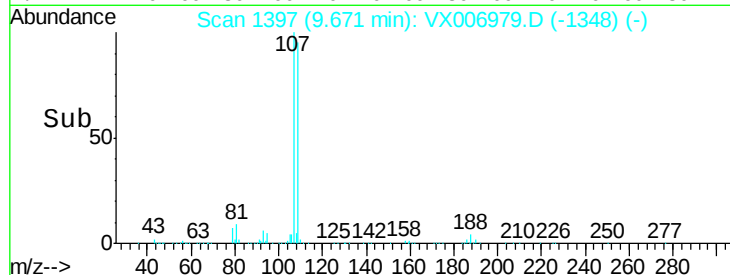
150000

100000

50000

0

Time--> 9.50 9.60 9.70 9.80



#62

4-Bromofluorobenzene

Concen: 48.477 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX006979.D

Acq: 09 Jan 2019 21:26

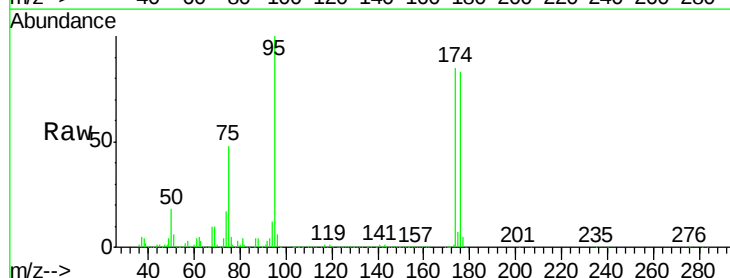
Tgt Ion: 95 Resp: 334420

Ion Ratio Lower Upper

95 100

174 94.2 0.0 182.2

176 91.9 0.0 178.8



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.13

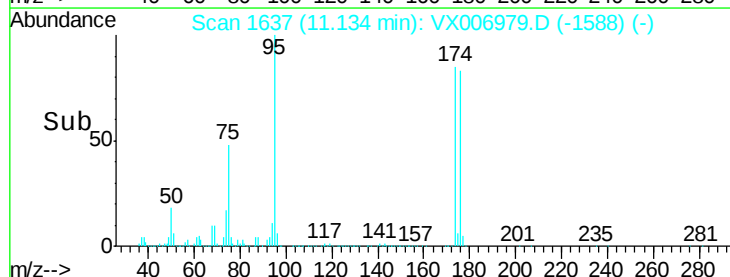
300000

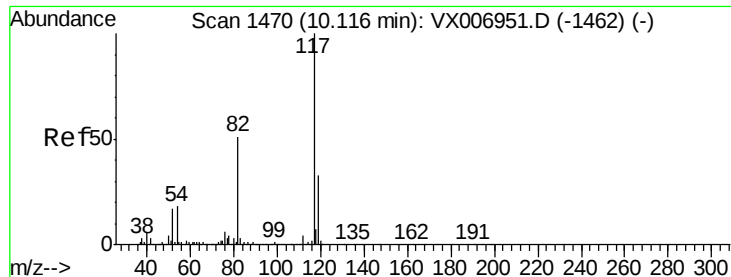
200000

100000

0

Time--> 11.10 11.20





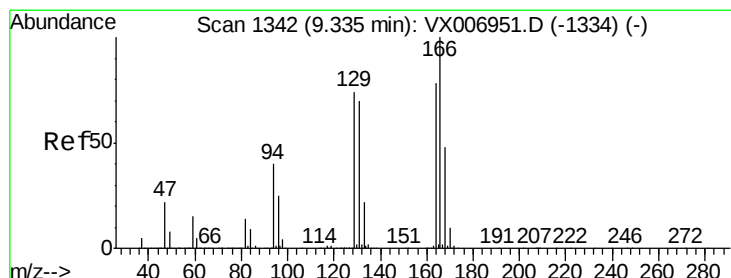
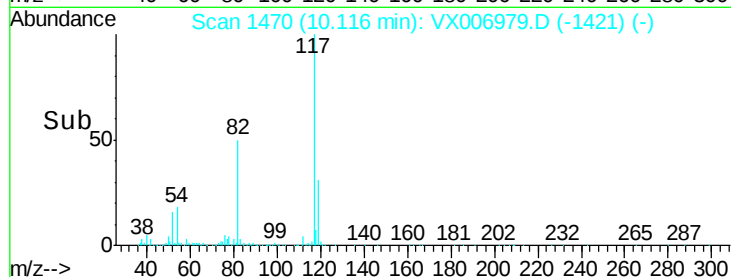
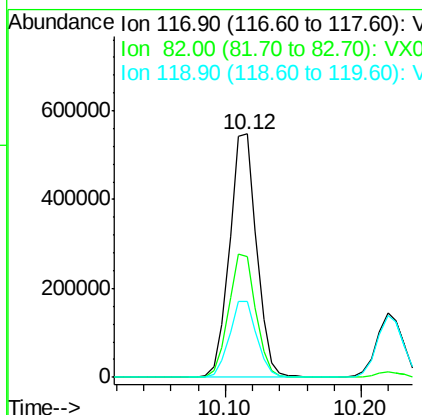
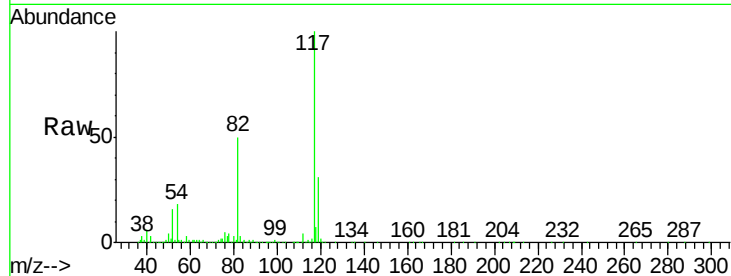
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX006979.D
Acq: 09 Jan 2019 21:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	49.8	41.0	61.6
119	31.0	25.4	38.0

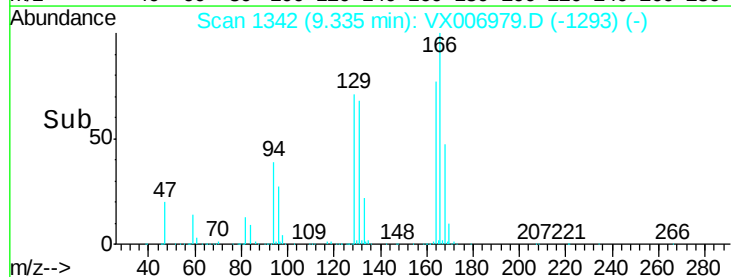
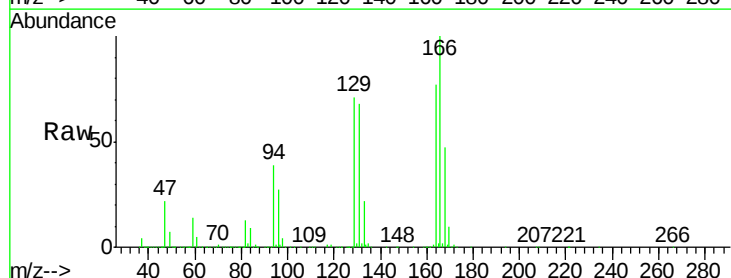
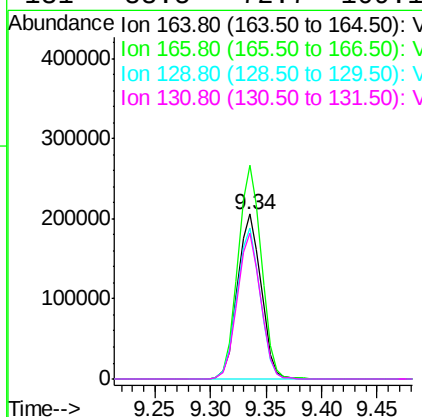
Manual Integrations
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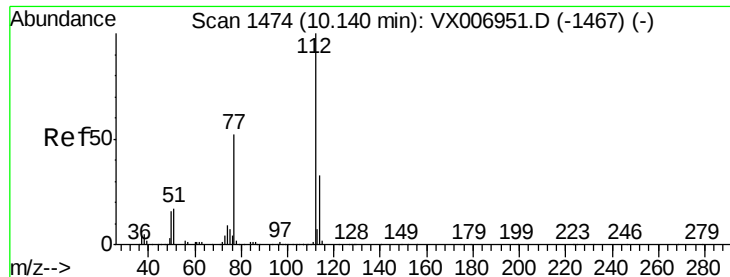
MMDadoda
1/10/2019 10:54:20 AM



#64
Tetrachloroethene
Concen: 46.281 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX006979.D
Acq: 09 Jan 2019 21:26

Tgt Ion	Ratio	Lower	Upper
164	100		
166	129.5	102.5	153.7
129	91.7	75.1	112.7
131	88.5	72.7	109.1





#65

Chlorobenzene

Concen: 48.205 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. 0.00 min

Lab File: VX006979.D

Acq: 09 Jan 2019 21:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:112 Resp: 796113

Ion Ratio Lower Upper

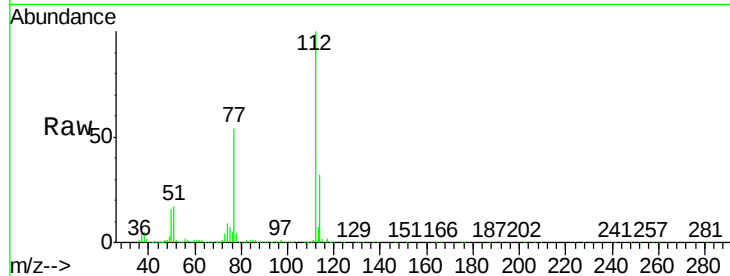
112 100

114 32.0 25.7 38.5

Manual Integrations
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1/10/2019 10:54:20 AM



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

600000

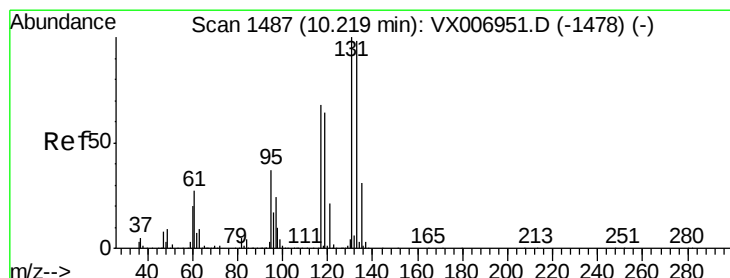
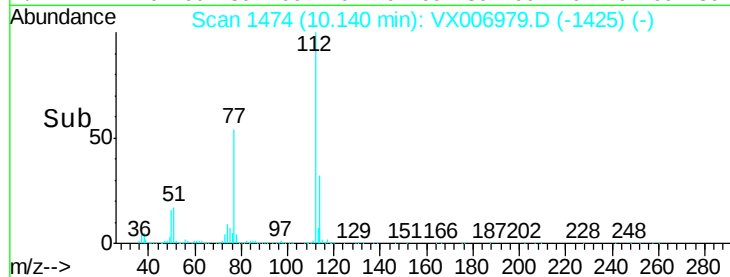
400000

200000

0

10.00 10.10 10.20 10.30

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 51.811 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VX006979.D

Acq: 09 Jan 2019 21:26

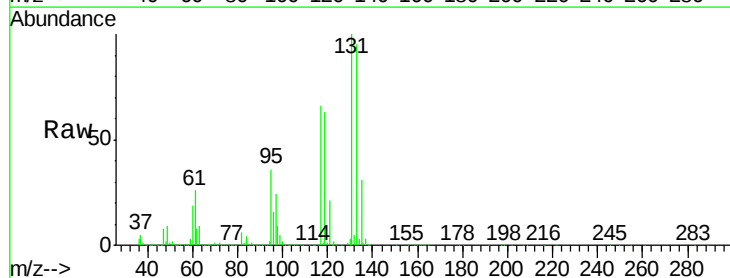
Tgt Ion:131 Resp: 287849

Ion Ratio Lower Upper

131 100

133 96.4 48.0 144.2

119 64.6 32.6 97.8



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

300000

250000

200000

150000

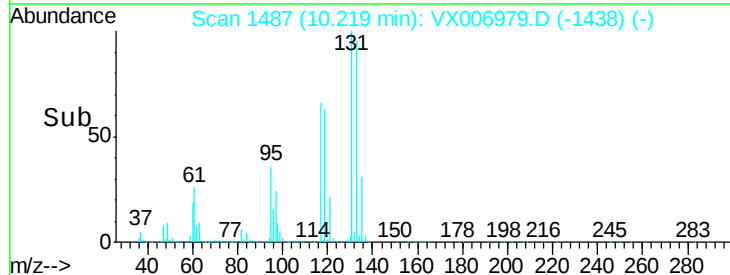
100000

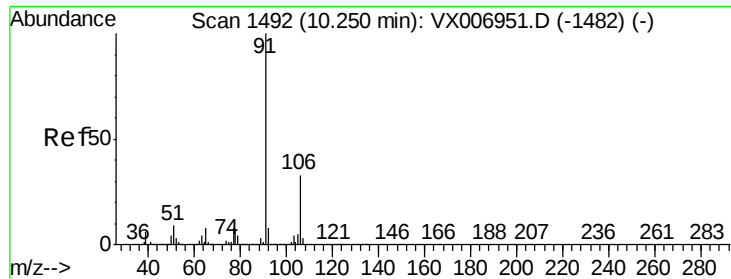
50000

0

10.20 10.22 10.24 10.26 10.28 10.30

Time-->





#67

Ethyl Benzene

Concen: 48.856 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX006979.D

Acq: 09 Jan 2019 21:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 1332047

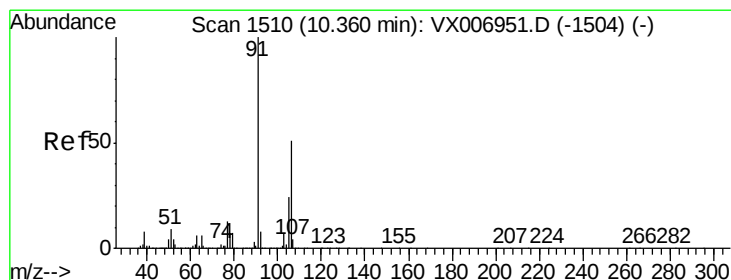
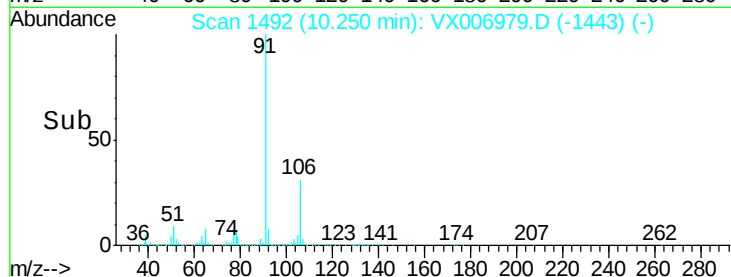
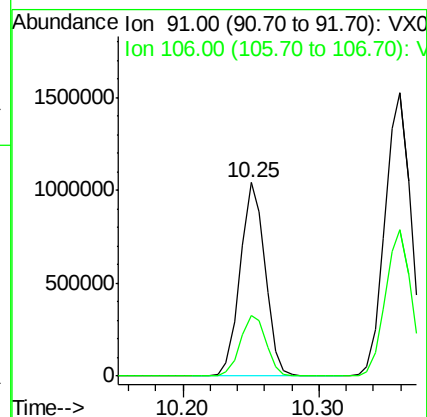
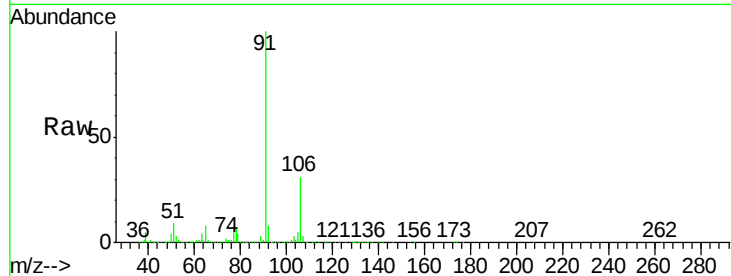
Ion Ratio Lower Upper

91 100

106 31.2 26.4 39.6

Manual Integrations
APPROVED

MMDadoda
1/10/2019 10:54:20 AM



#68

m/p-Xylenes

Concen: 96.858 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX006979.D

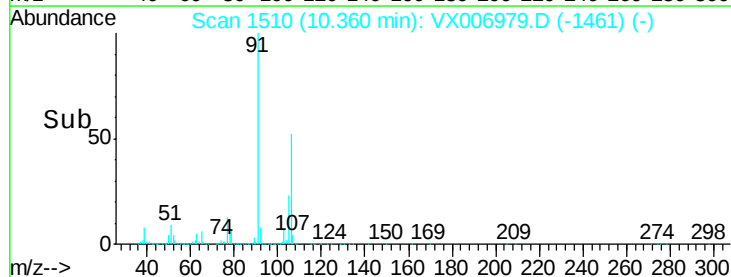
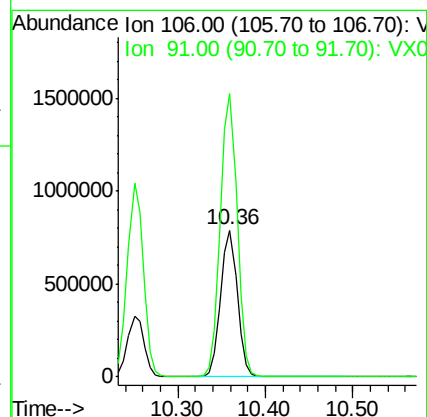
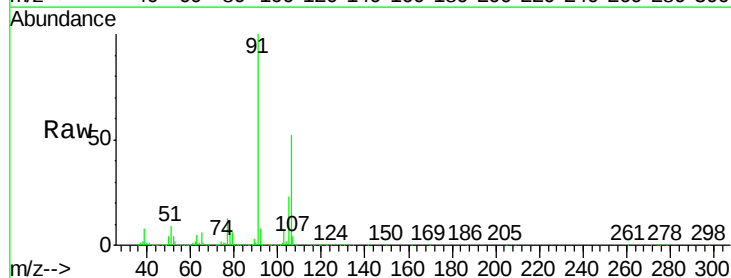
Acq: 09 Jan 2019 21:26

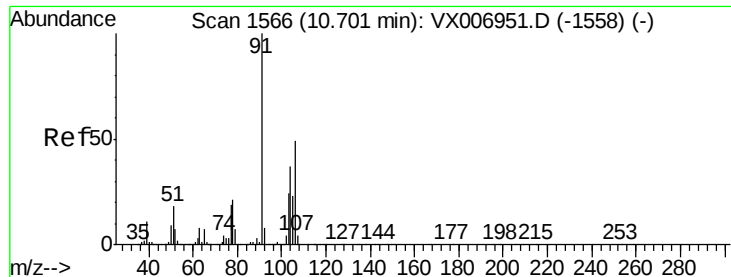
Tgt Ion: 106 Resp: 1040439

Ion Ratio Lower Upper

106 100

91 194.6 155.8 233.6





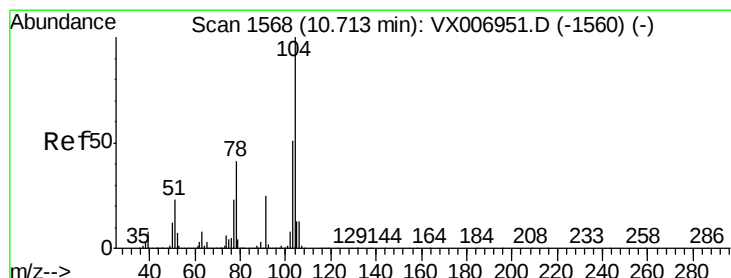
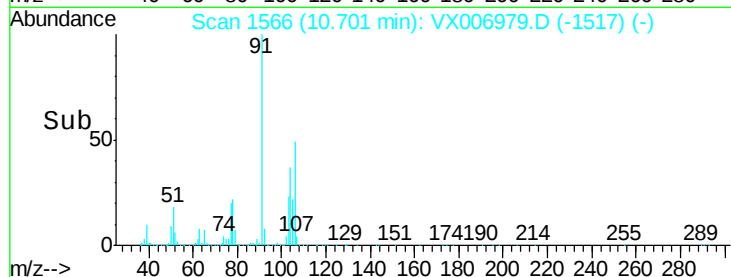
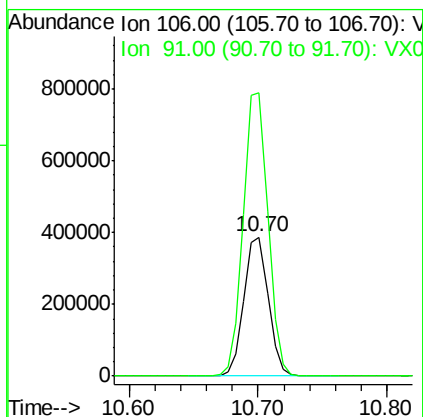
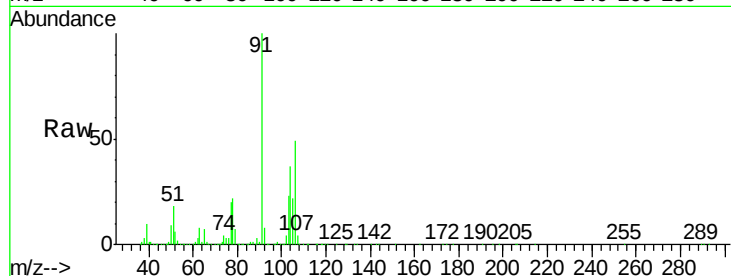
#69
o-Xylene
Concen: 48.488 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX006979.D
Acq: 09 Jan 2019 21:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
106	100		
91	206.0	101.3	303.7

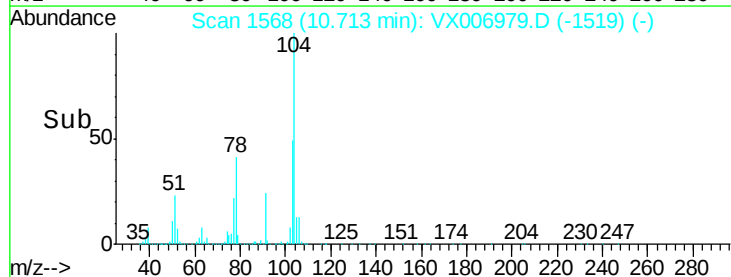
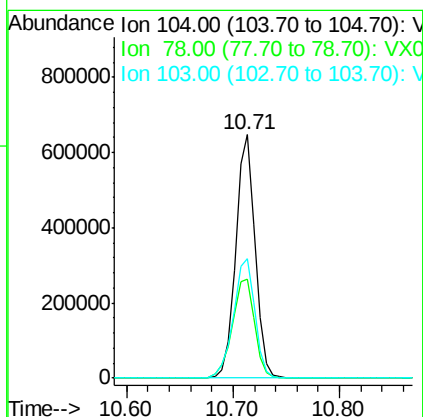
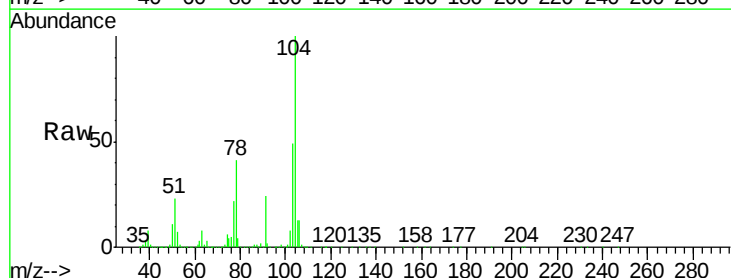
Manual Integrations
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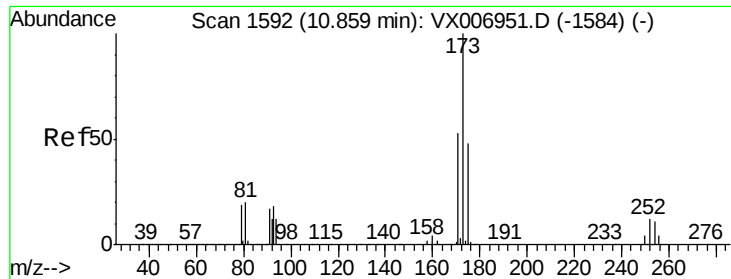
MMDadoda
1/10/2019 10:54:20 AM



#70
Styrene
Concen: 49.718 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX006979.D
Acq: 09 Jan 2019 21:26

Tgt Ion	Ratio	Lower	Upper
104	100		
78	47.2	37.7	56.5
103	54.9	43.8	65.8





#71

Bromoform

Concen: 44.788 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX006979.D

Acq: 09 Jan 2019 21:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:173 Resp: 219918

Ion Ratio Lower Upper

173 100

175 48.8 24.7 74.1

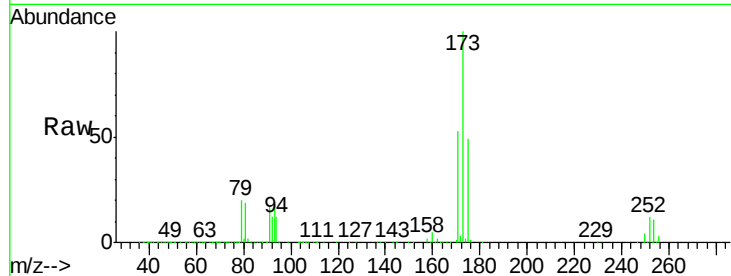
254 0.2 0.2 0.2

Manual Integrations

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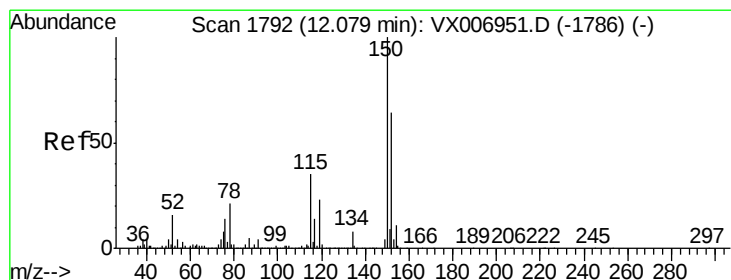
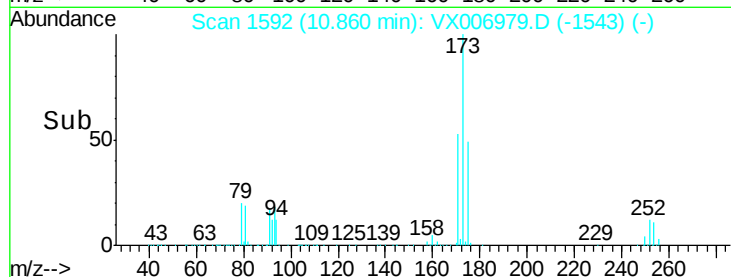
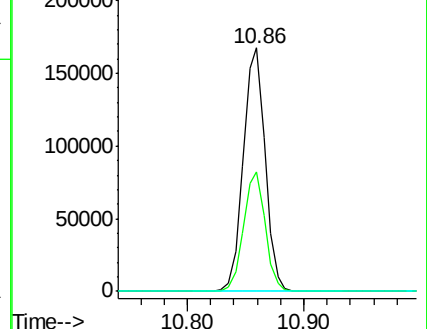
1/10/2019 10:54:20 AM



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX006979.D

Acq: 09 Jan 2019 21:26

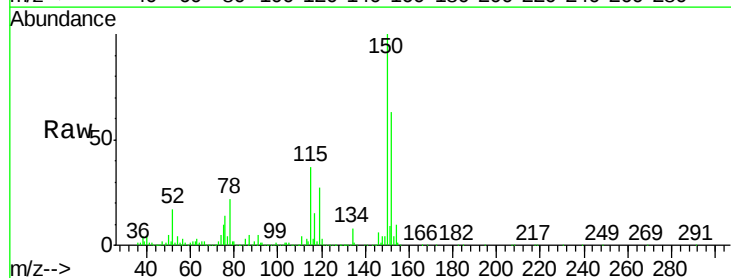
Tgt Ion:152 Resp: 380667

Ion Ratio Lower Upper

152 100

115 78.6 39.1 117.2

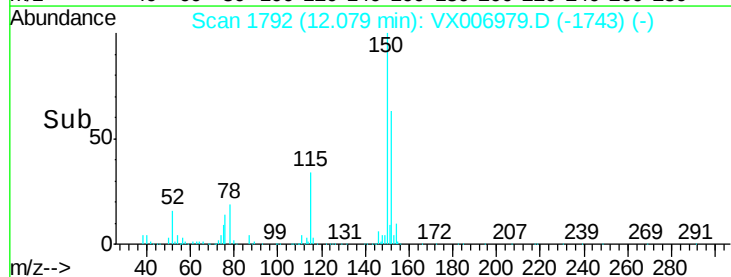
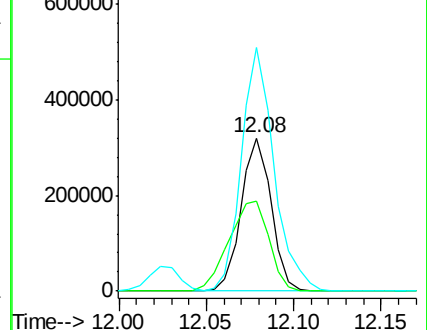
150 173.8 0.0 344.8

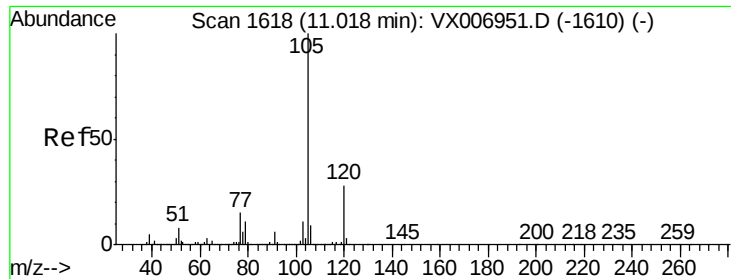


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 49.810 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX006979.D

Acq: 09 Jan 2019 21:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 105 Resp: 1337025

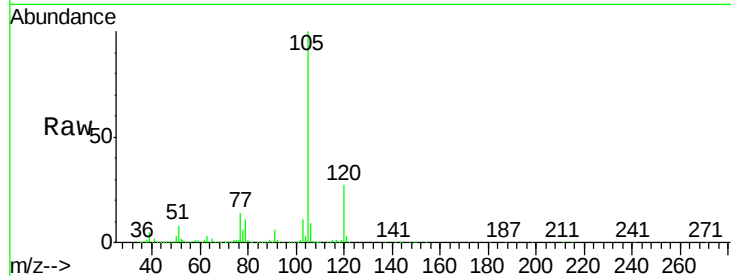
Ion Ratio Lower Upper

105 100

120 27.4 14.1 42.4

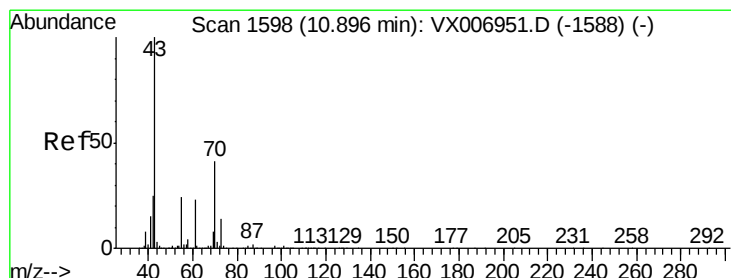
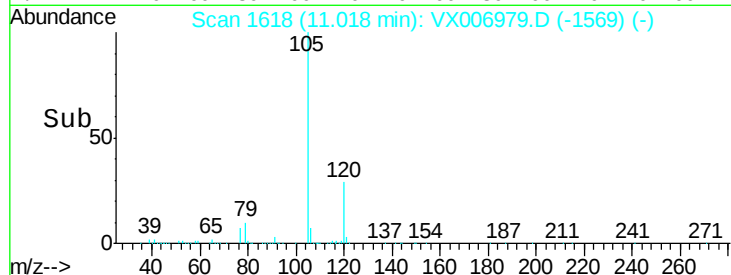
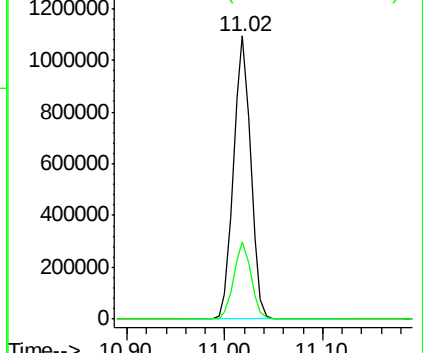
Manual Integrations
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 50.406 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX006979.D

Acq: 09 Jan 2019 21:26

Tgt Ion: 43 Resp: 544749

Ion Ratio Lower Upper

43 100

70 43.5 35.8 53.8

55 23.5 19.4 29.0

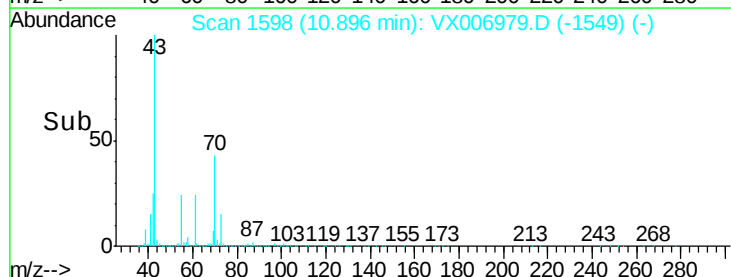
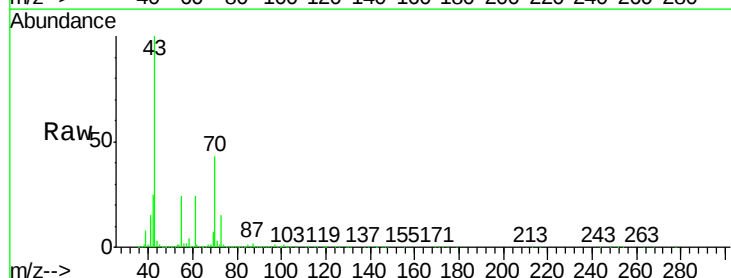
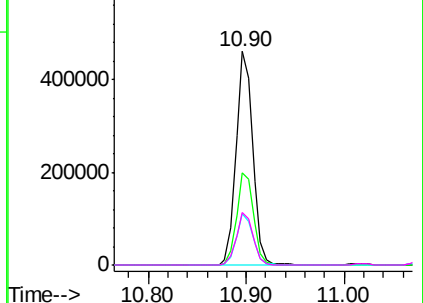
61 24.6 20.1 30.1

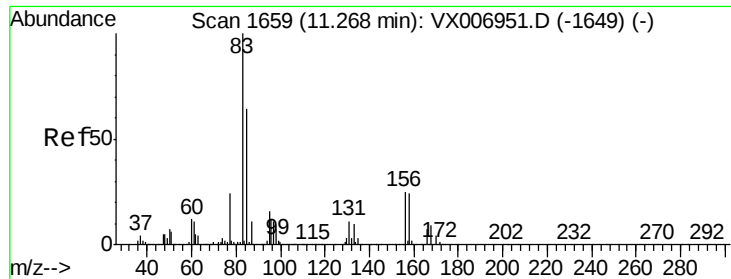
Abundance Ion 43.00 (42.70 to 43.70): VX0

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





#75

1,1,2,2-Tetrachloroethane

Concen: 49.402 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX006979.D

Acq: 09 Jan 2019 21:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 83 Resp: 420983

Ion Ratio Lower Upper

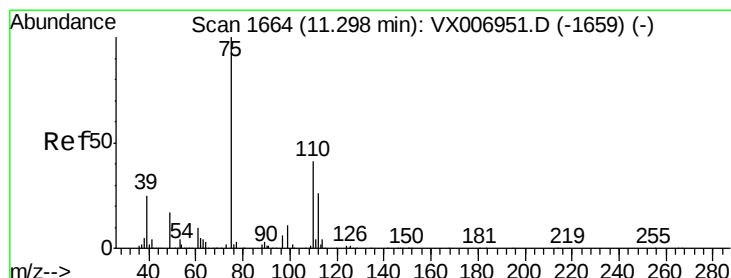
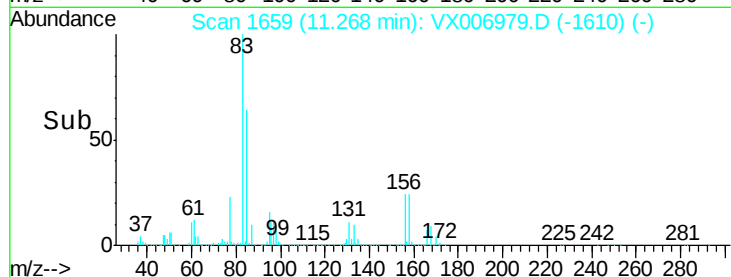
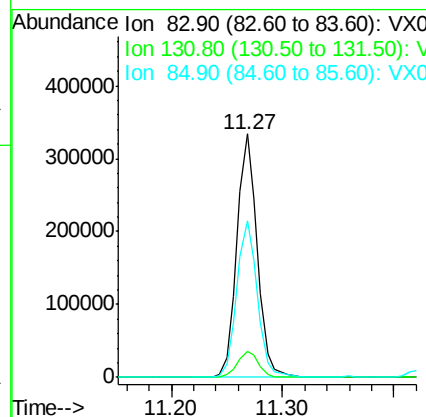
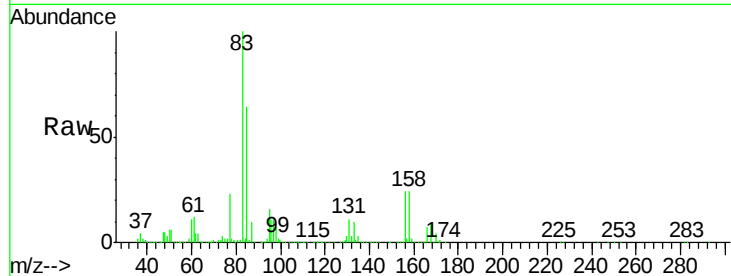
83 100

131 10.9 5.7 17.1

85 65.3 32.2 96.6

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#76

1,2,3-Trichloropropane

Concen: 50.982 ug/l m

RT: 11.30 min Scan# 1664

Delta R.T. 0.00 min

Lab File: VX006979.D

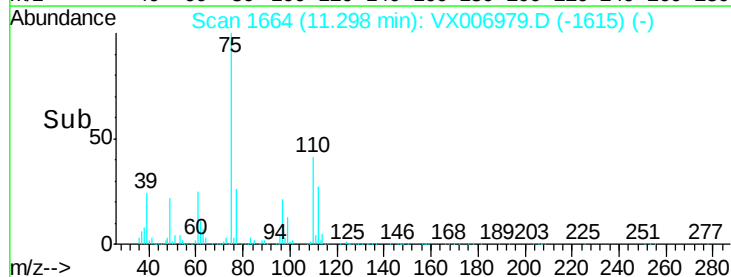
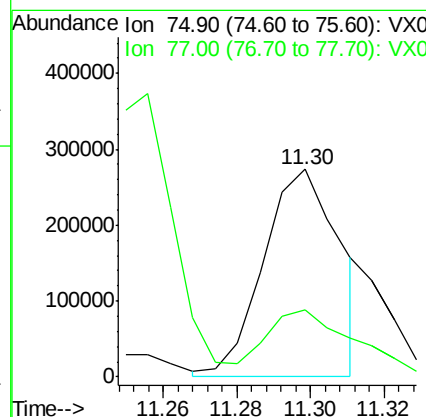
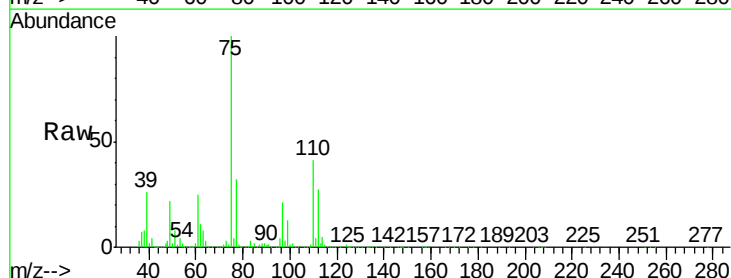
Acq: 09 Jan 2019 21:26

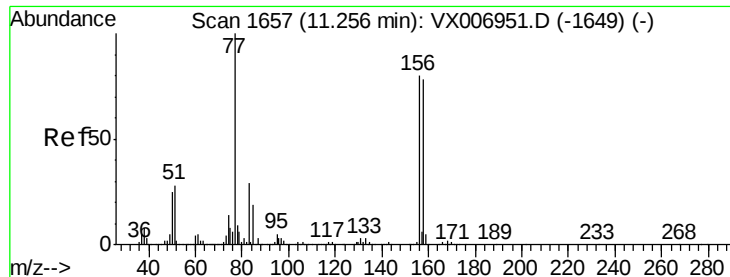
Tgt Ion: 75 Resp: 393277

Ion Ratio Lower Upper

75 100

77 37.2 18.5 55.5





#77

Bromobenzene

Concen: 48.720 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX006979.D

Acq: 09 Jan 2019 21:26

Instrument :

MSVOA_X

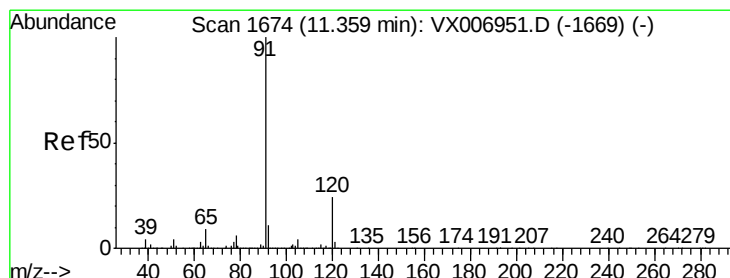
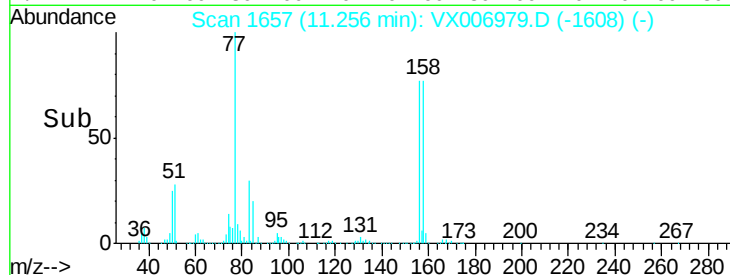
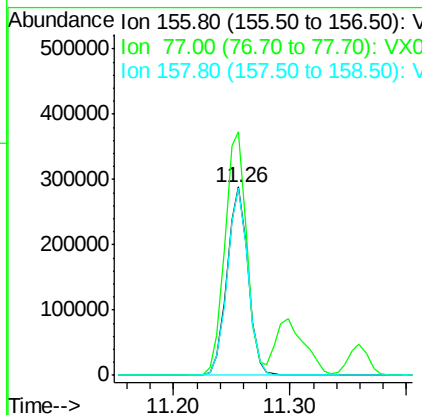
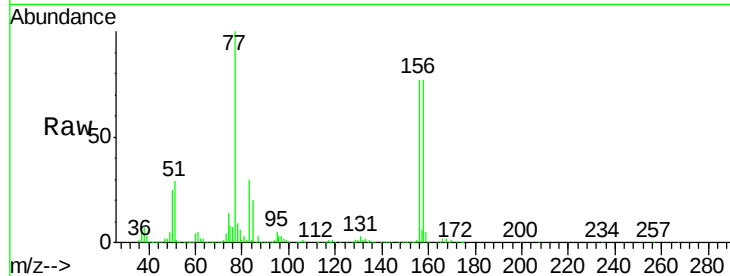
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	360340
Ion Ratio	Lower	Upper	
156	100		
77	134.9	68.0	204.0
158	98.7	48.3	144.8

Manual Integrations
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#78

n-propylbenzene

Concen: 50.594 ug/l

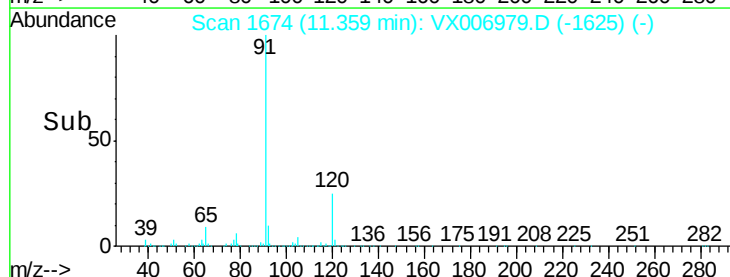
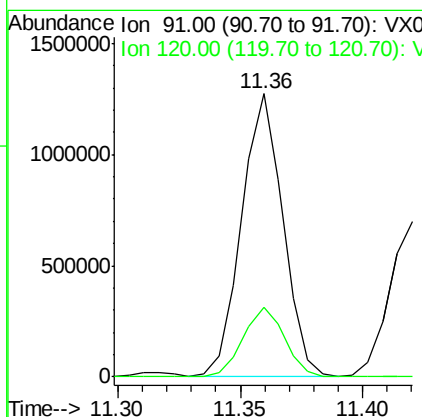
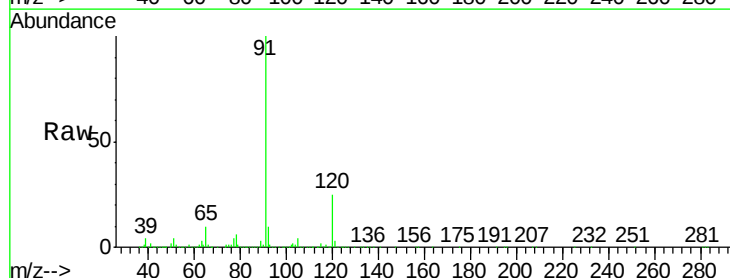
RT: 11.36 min Scan# 1674

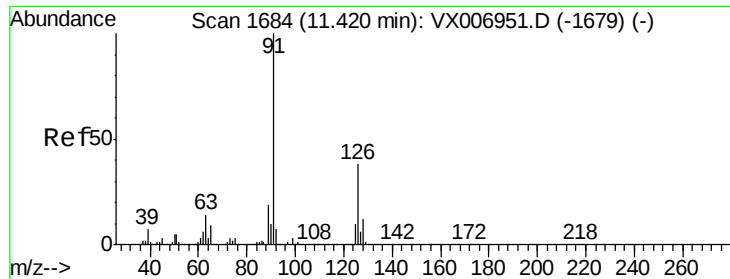
Delta R.T. 0.00 min

Lab File: VX006979.D

Acq: 09 Jan 2019 21:26

Tgt Ion:	91	Resp:	1490862
Ion Ratio	Lower	Upper	
91	100		
120	24.8	12.7	38.0





#79

2-Chlorotoluene

Concen: 48.673 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX006979.D

Acq: 09 Jan 2019 21:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 863369

Ion Ratio Lower Upper

91 100

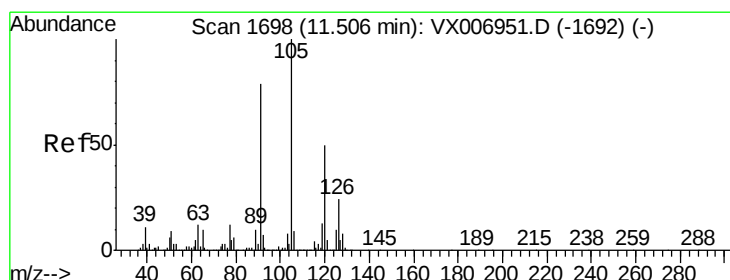
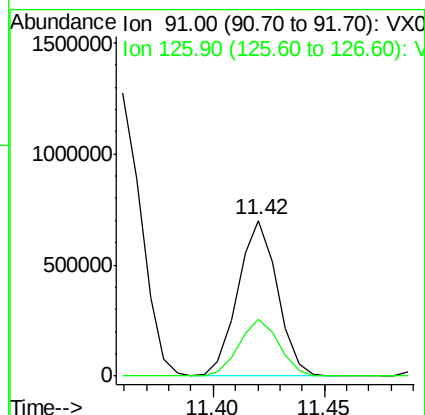
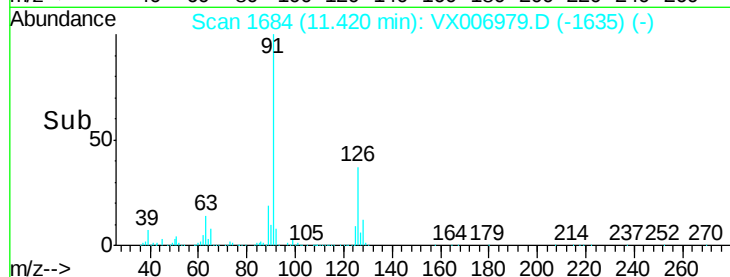
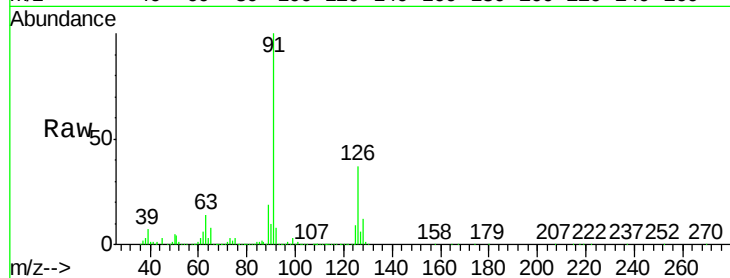
126 37.2 18.6 56.0

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 49.439 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX006979.D

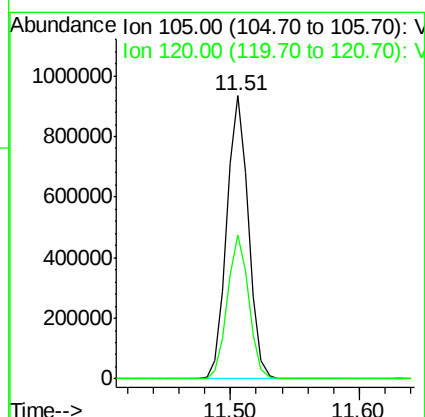
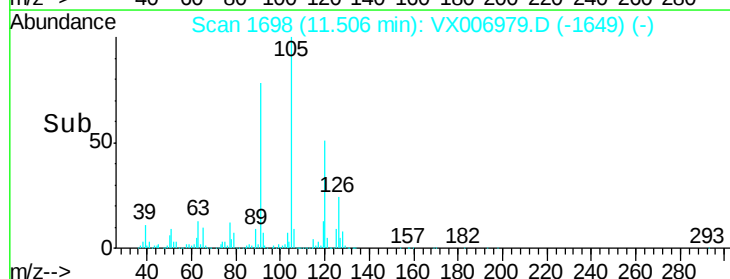
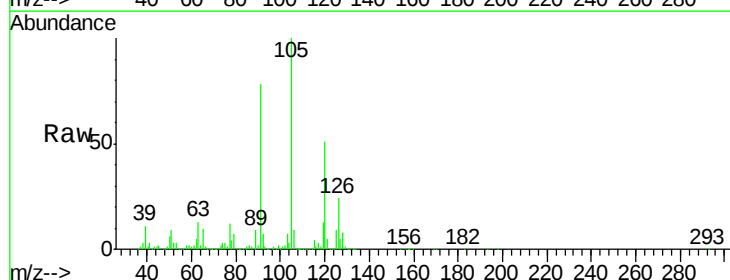
Acq: 09 Jan 2019 21:26

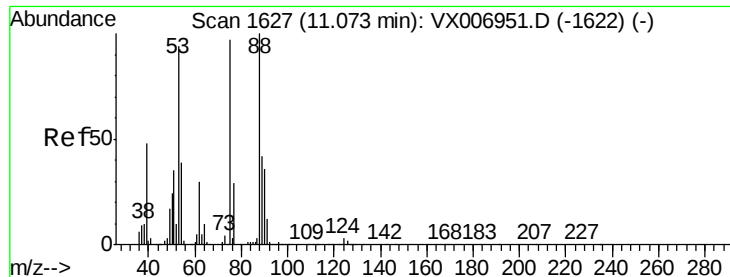
Tgt Ion:105 Resp: 1108868

Ion Ratio Lower Upper

105 100

120 50.3 25.1 75.3





#81

trans-1,4-Dichloro-2-butene

Concen: 44.373 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX006979.D

Acq: 09 Jan 2019 21:26

Instrument :

MSVOA_X

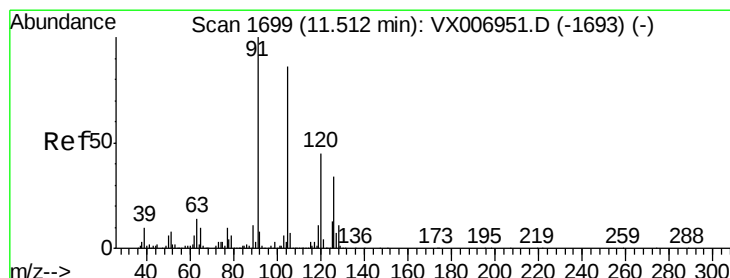
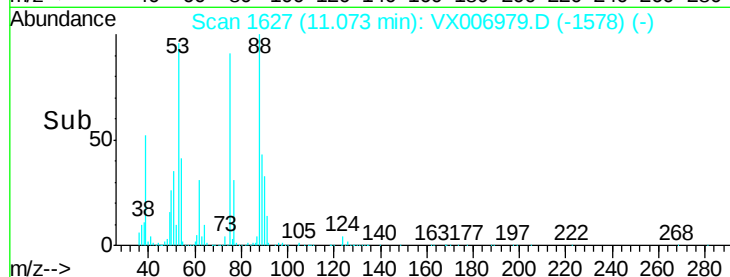
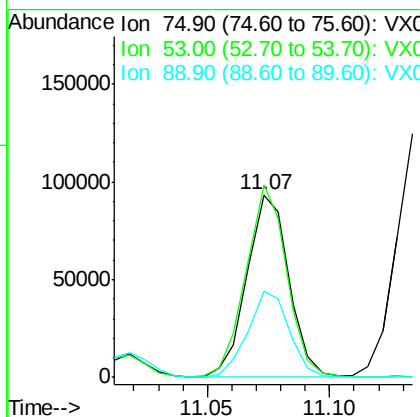
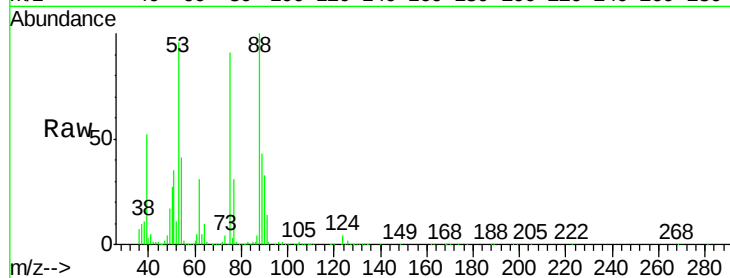
ClientSampleId :

VSTDCCC050EC

Tot Ion:	75	Resp:	112247
Ion Ratio	Lower	Upper	
75	100		
53	100.9	79.7	119.5
89	47.0	38.0	57.0

Manual Integrations
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#82

4-Chlorotoluene

Concen: 49.352 ug/l

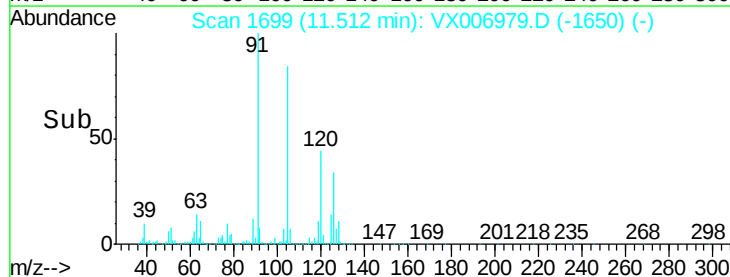
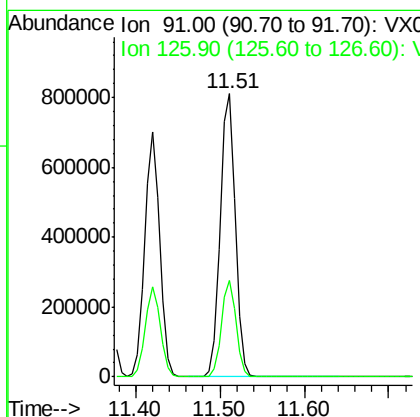
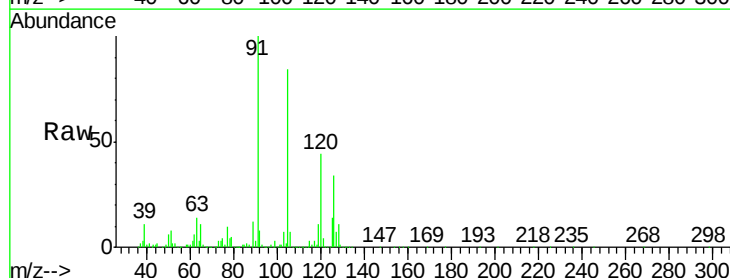
RT: 11.51 min Scan# 1699

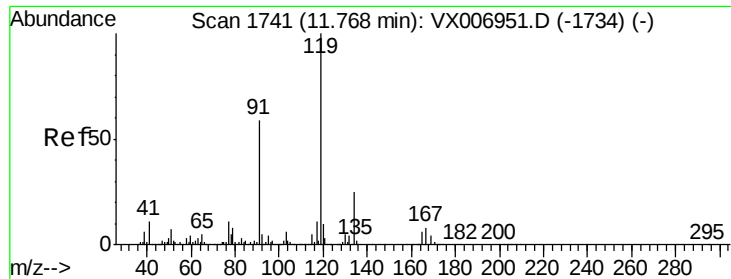
Delta R.T. 0.00 min

Lab File: VX006979.D

Acq: 09 Jan 2019 21:26

Tgt Ion:	91	Resp:	1013587
Ion Ratio	Lower	Upper	
91	100		
126	32.9	16.3	48.9





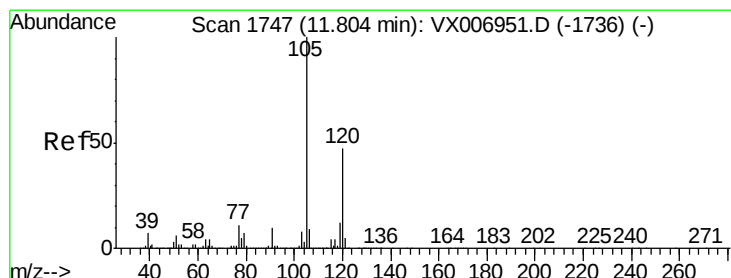
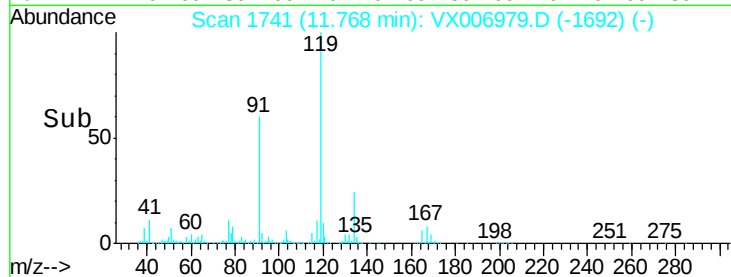
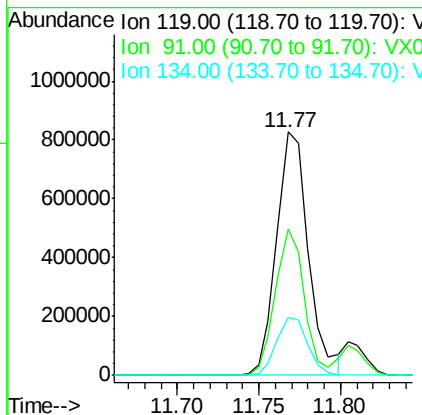
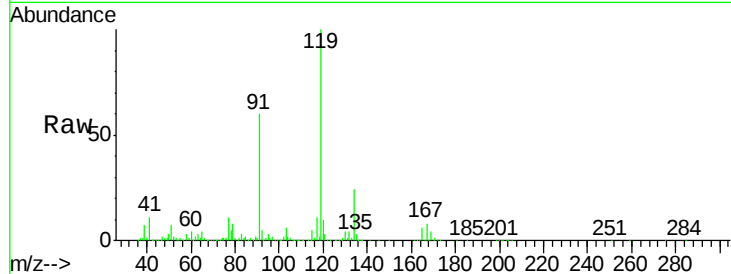
#83
tert-Butylbenzene
Concen: 50.444 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX006979.D
Acq: 09 Jan 2019 21:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:119 Resp: 1128830
Ion Ratio Lower Upper
119 100
91 54.3 27.7 83.1
134 23.2 11.9 35.5

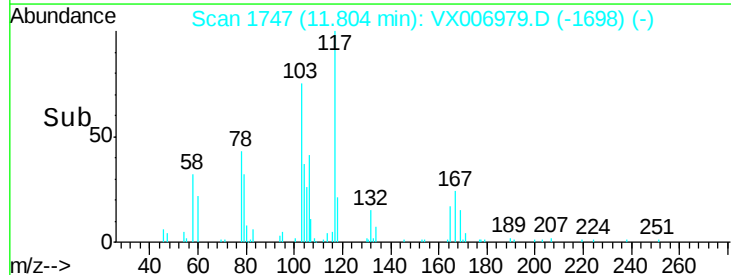
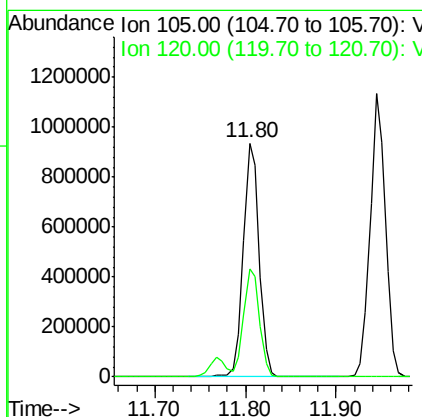
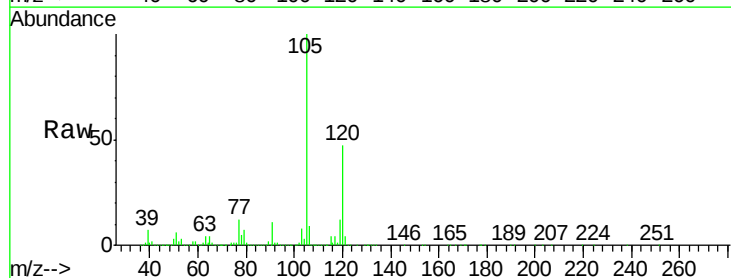
Manual Integrations
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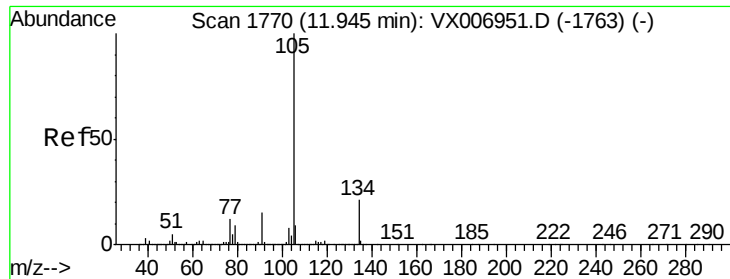
MMDadoda
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#84
1,2,4-Trimethylbenzene
Concen: 50.051 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VX006979.D
Acq: 09 Jan 2019 21:26

Tgt Ion:105 Resp: 1128867
Ion Ratio Lower Upper
105 100
120 46.3 23.2 69.6





#85

sec-Butylbenzene

Concen: 49.739 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX006979.D

Acq: 09 Jan 2019 21:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 1329283

Ion Ratio Lower Upper

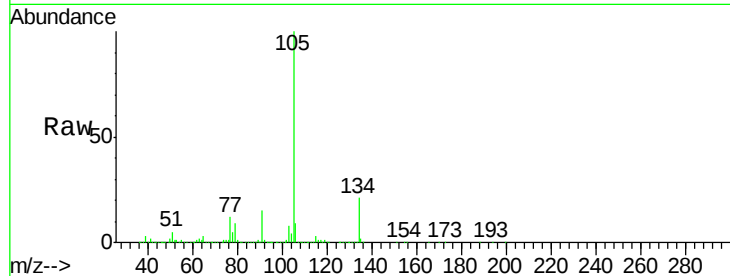
105 100

134 21.4 10.7 31.9

Manual Integrations
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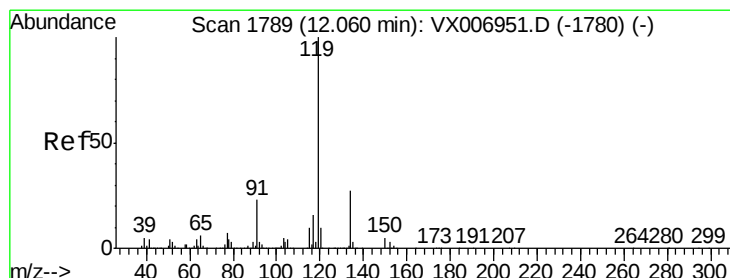
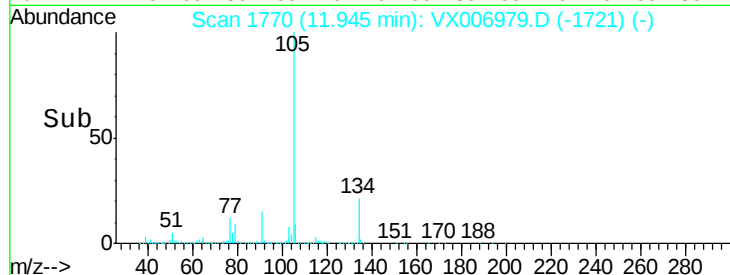
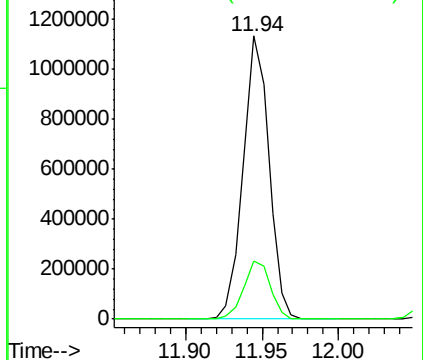
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 49.746 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. 0.01 min

Lab File: VX006979.D

Acq: 09 Jan 2019 21:26

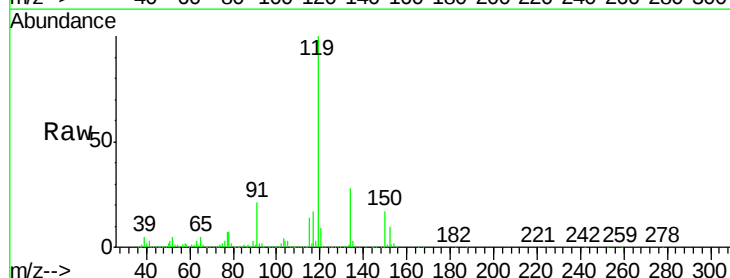
Tgt Ion:119 Resp: 1189171

Ion Ratio Lower Upper

119 100

134 27.4 14.0 41.9

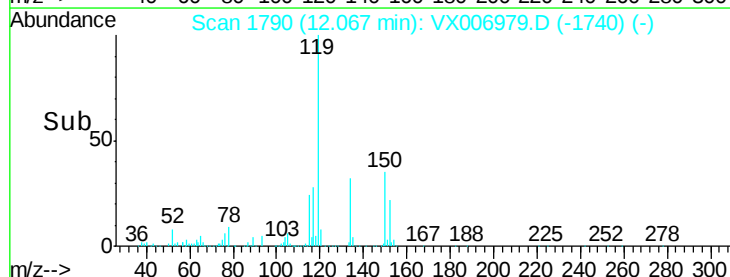
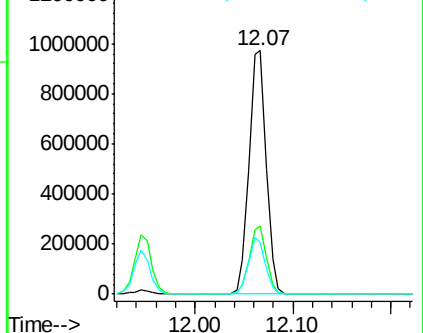
91 22.5 11.3 33.9

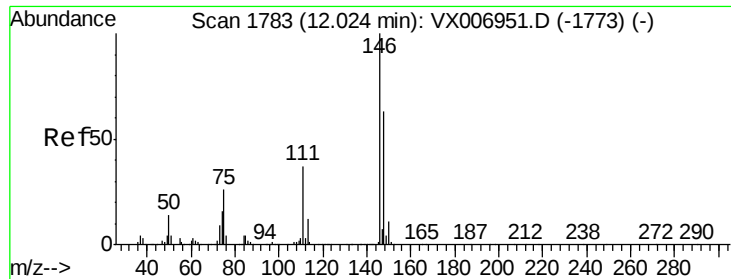


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





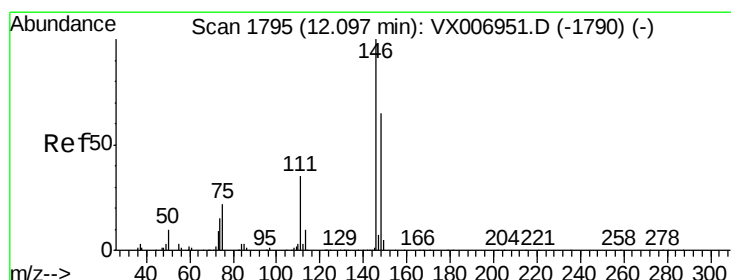
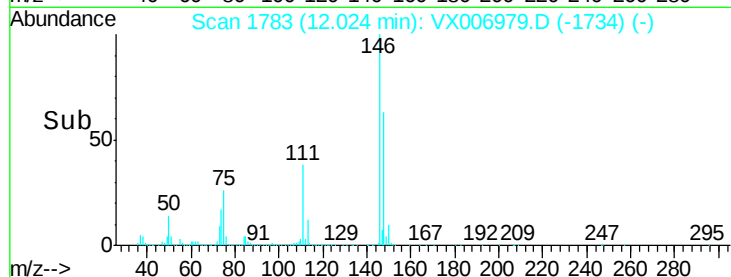
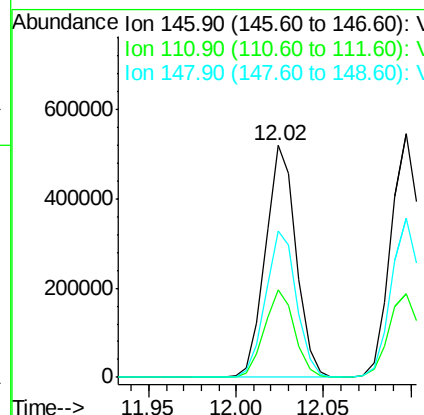
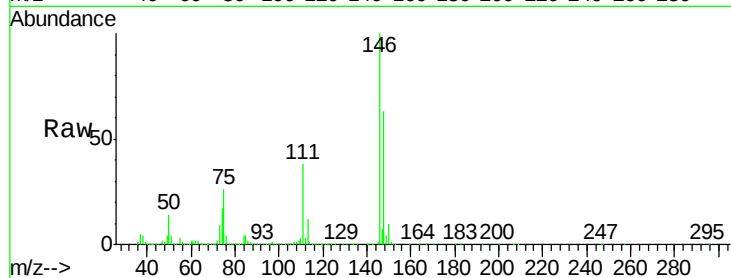
#87
 1,3-Dichlorobenzene
 Concen: 47.838 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX006979.D
 Acq: 09 Jan 2019 21:26

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.4	18.6	55.8
148	63.8	31.8	95.3

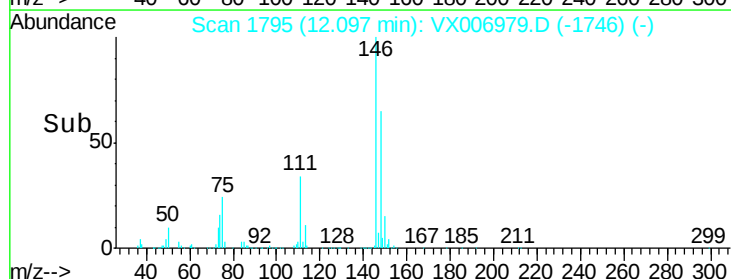
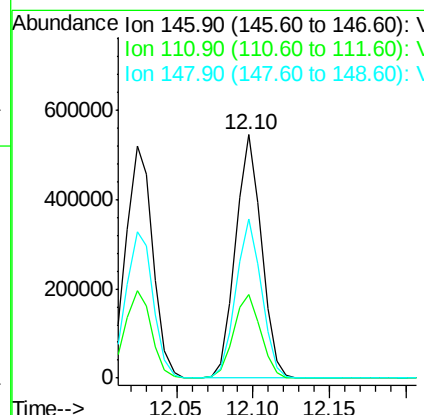
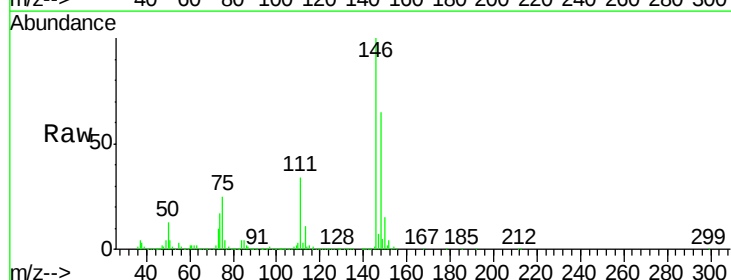
Manual Integrations
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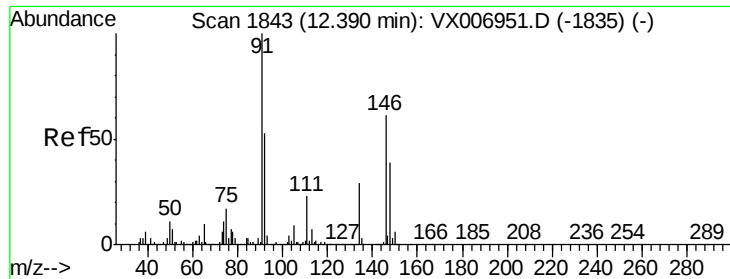
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#88
 1,4-Dichlorobenzene
 Concen: 50.603 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX006979.D
 Acq: 09 Jan 2019 21:26

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.1	18.1	54.1
148	64.8	31.9	95.9





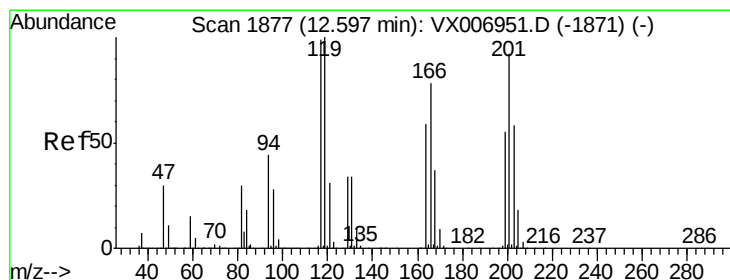
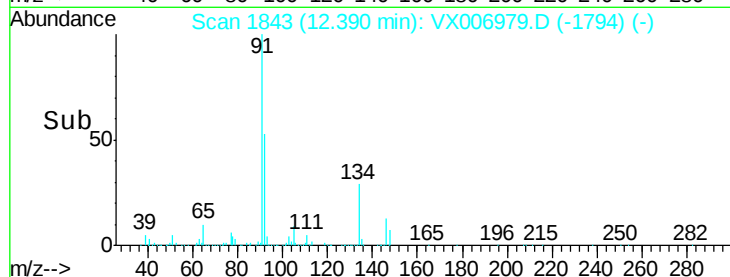
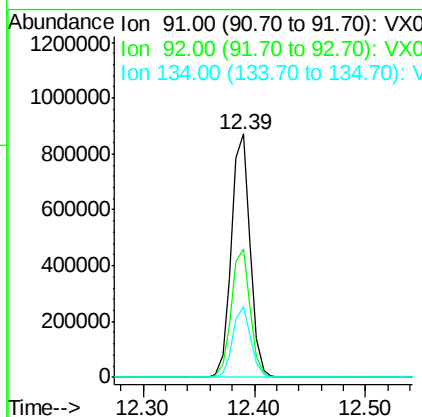
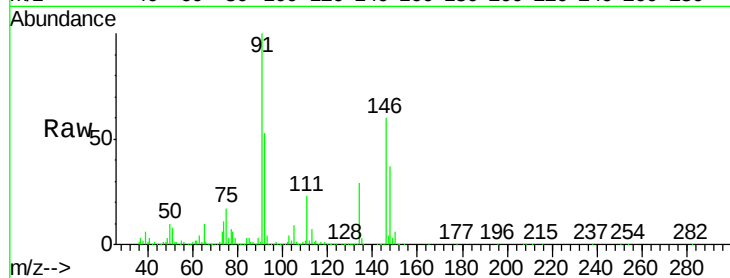
#89
n-Butylbenzene
Concen: 49.540 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX006979.D
Acq: 09 Jan 2019 21:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.9	26.8	80.4
134	28.2	14.4	43.2

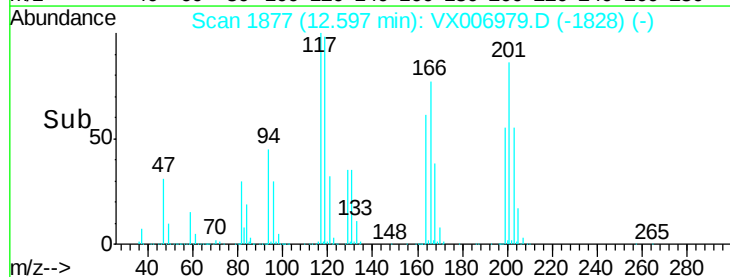
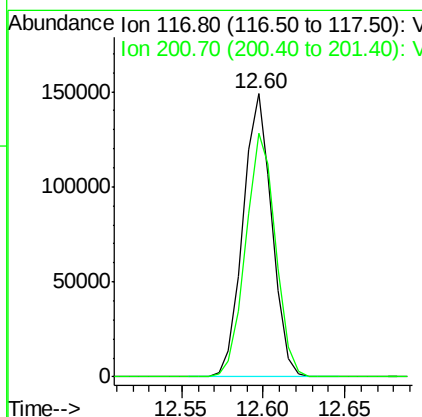
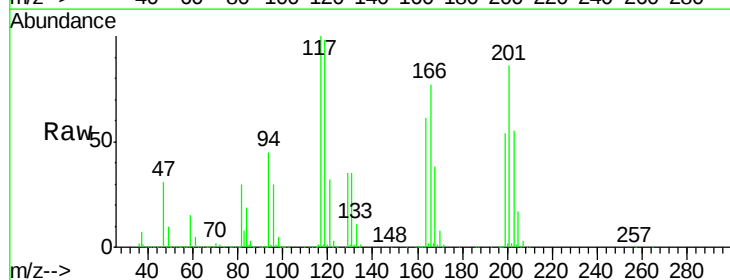
Manual Integrations
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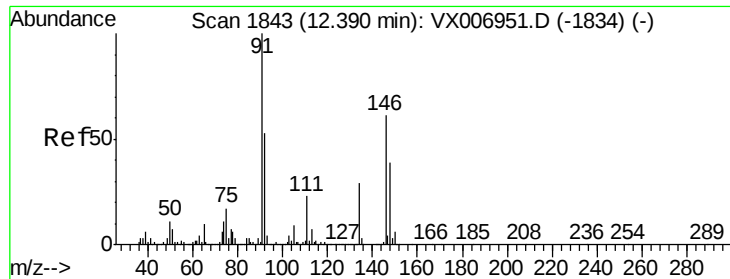
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#90
Hexachloroethane
Concen: 48.375 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX006979.D
Acq: 09 Jan 2019 21:26

Tgt Ion	Ratio	Lower	Upper
117	100		
201	88.7	42.9	128.7





#91

1,2-Dichlorobenzene

Concen: 48.263 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX006979.D

Acq: 09 Jan 2019 21:26

Instrument :

MSVOA_X

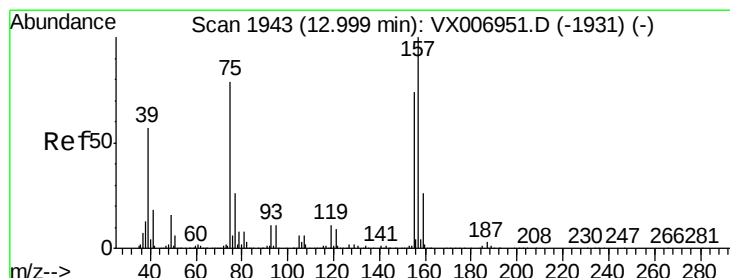
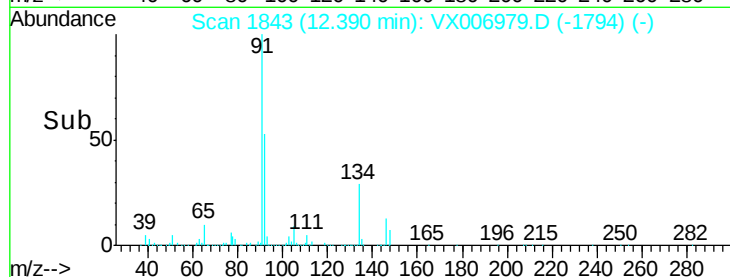
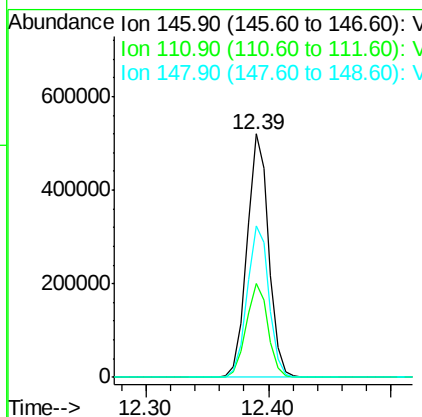
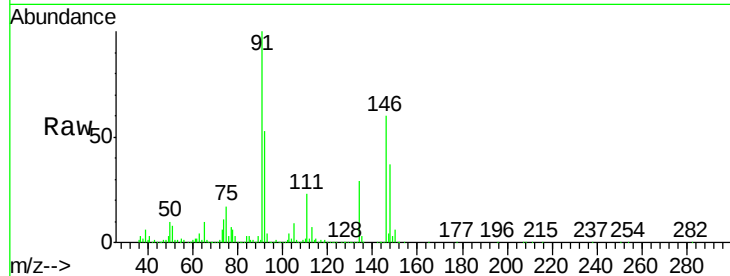
ClientSampleId :

VSTDCCC050EC

Tot Ion:	146	Resp:	636710
Ion Ratio	Lower	Upper	
146	100		
111	38.4	19.4	58.2
148	63.2	32.3	96.9

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#92

1,2-Dibromo-3-Chloropropane

Concen: 52.299 ug/l

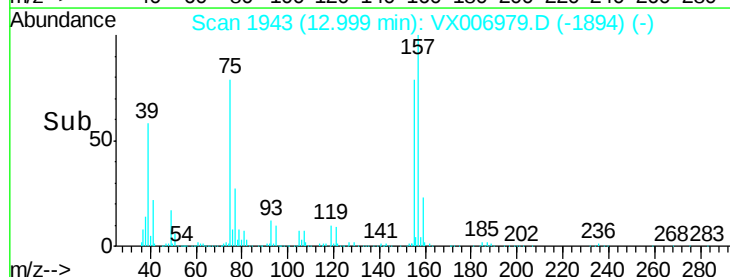
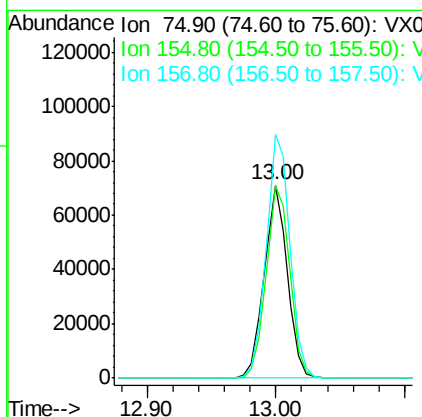
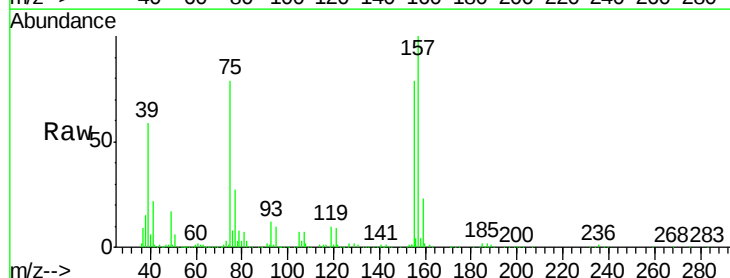
RT: 13.00 min Scan# 1943

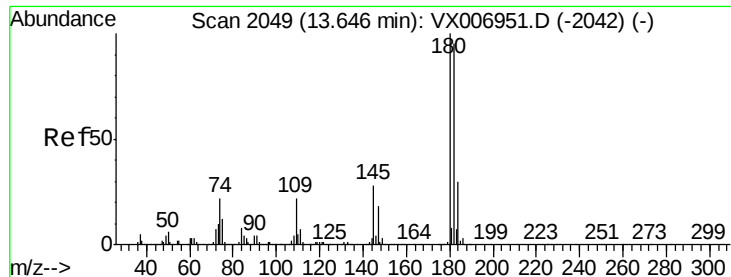
Delta R.T. 0.00 min

Lab File: VX006979.D

Acq: 09 Jan 2019 21:26

Tgt Ion:	75	Resp:	88142
Ion Ratio	Lower	Upper	
75	100		
155	102.8	50.6	151.8
157	130.2	64.6	193.8





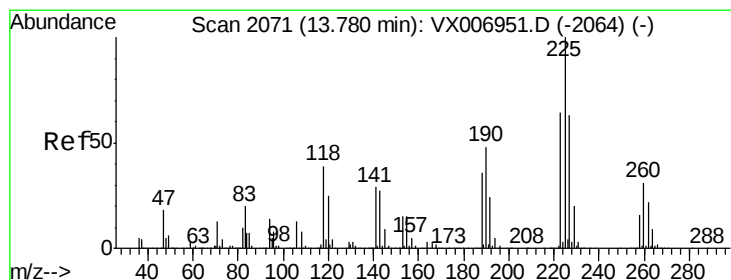
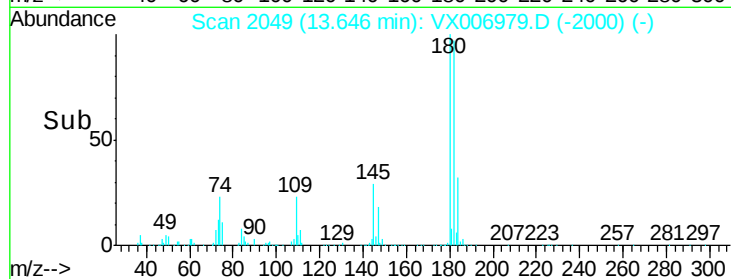
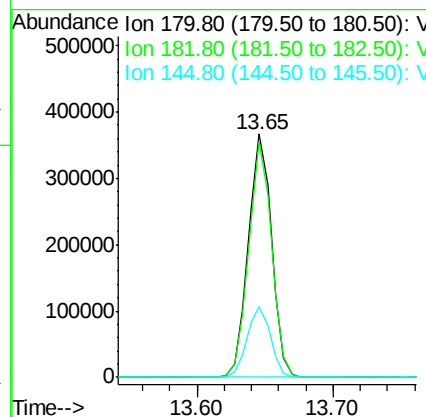
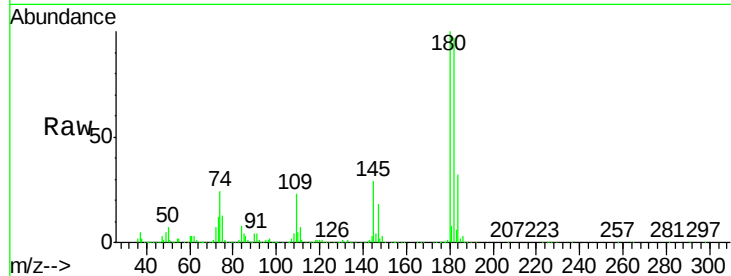
#93
 1,2,4-Trichlorobenzene
 Concen: 48.689 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX006979.D
 Acq: 09 Jan 2019 21:26

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	440685		
182	95.4	47.3	142.0	
145	29.2	14.8	44.3	

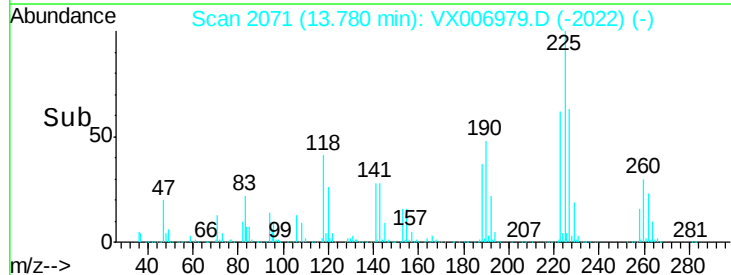
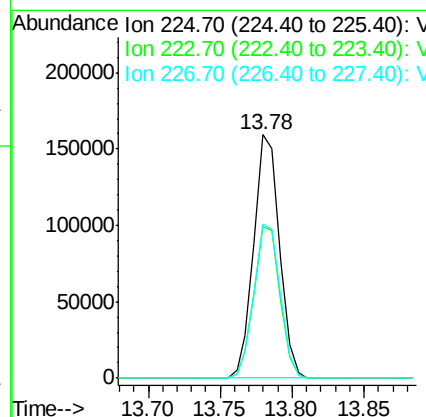
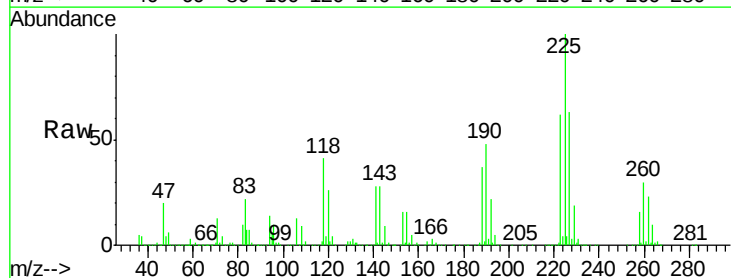
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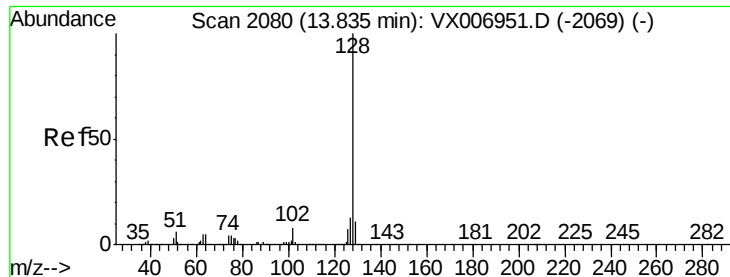
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#94
 Hexachlorobutadiene
 Concen: 48.720 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX006979.D
 Acq: 09 Jan 2019 21:26

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	195685		
223	63.0	32.1	96.3	
227	64.5	32.3	96.8	





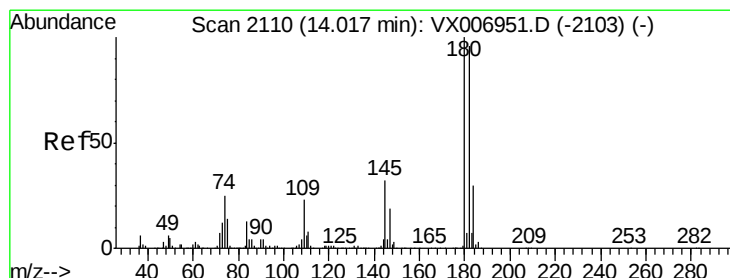
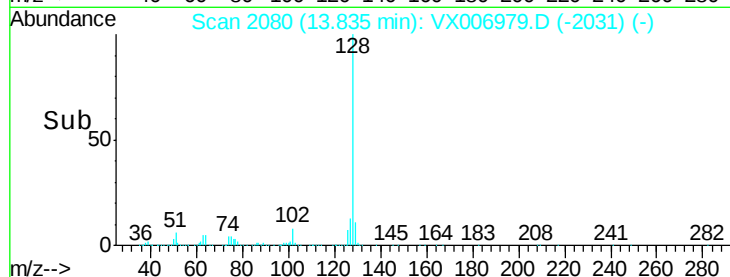
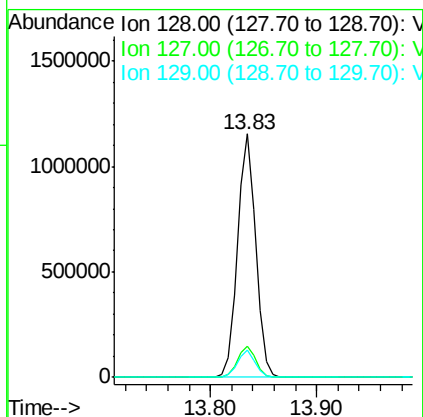
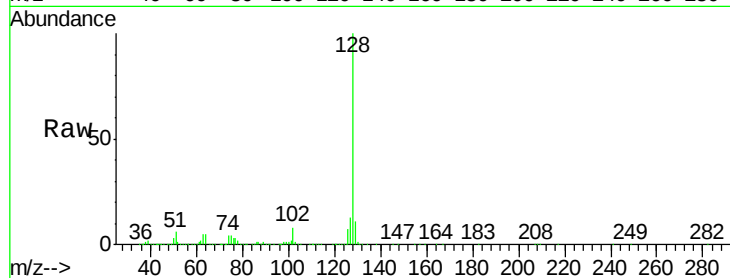
#95
Naphthalene
Concen: 50.248 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX006979.D
Acq: 09 Jan 2019 21:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.1	15.1
129	10.9	8.6	13.0

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 48.524 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. 0.00 min
Lab File: VX006979.D
Acq: 09 Jan 2019 21:26

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.3	48.5	145.5
145	30.5	16.0	47.9

