

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081119\
 Data File : VX011470.D
 Acq On : 12 Aug 2019 07:24
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 8/12/2019 10:29:51 AM

Quant Time: Aug 12 09:32:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080119W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 02 01:55:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	157936	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	241875	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	229405	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	123637	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	95777	60.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	120.44%	
35) Dibromofluoromethane	5.49	113	84136	53.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.56%	
50) Toluene-d8	8.71	98	312711	52.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.92%	
62) 4-Bromofluorobenzene	11.13	95	118328	55.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.20%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	55240	45.286	ug/l	99
3) Chloromethane	1.32	50	60204	43.951	ug/l	99
4) Vinyl Chloride	1.40	62	64863	43.048	ug/l	99
5) Bromomethane	1.63	94	40407	37.601	ug/l	100
6) Chloroethane	1.71	64	43764	46.744	ug/l	99
7) Trichlorofluoromethane	1.92	101	119732	44.691	ug/l	98
8) Diethyl Ether	2.18	74	43252	45.212	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	67276	46.410	ug/l	98
10) Methyl Iodide	2.50	142	89302	48.863	ug/l	96
11) Tert butyl alcohol	3.04	59	87227	275.025	ug/l	99
12) 1,1-Dichloroethene	2.37	96	67390	46.897	ug/l	91
13) Acrolein	2.29	56	28137	142.573	ug/l	98
14) Allyl chloride	2.72	41	96805	50.533	ug/l	97
15) Acrylonitrile	3.14	53	204989	270.847	ug/l	99
16) Acetone	2.43	43	179553	237.176	ug/l	95
17) Carbon Disulfide	2.56	76	148344	43.992	ug/l	100
18) Methyl Acetate	2.76	43	101451	58.640	ug/l	98
19) Methyl tert-butyl Ether	3.18	73	230807	54.504	ug/l	99
20) Methylene Chloride	2.85	84	79113	47.717	ug/l	96
21) trans-1,2-Dichloroethene	3.15	96	73728	48.504	ug/l	91
22) Diisopropyl ether	3.85	45	225230	53.495	ug/l	98
23) Vinyl Acetate	3.81	43	955504	273.622	ug/l	98
24) 1,1-Dichloroethane	3.69	63	128738	51.855	ug/l	98
25) 2-Butanone	4.67	43	289830	269.134	ug/l	97
26) 2,2-Dichloropropane	4.57	77	57436	29.761	ug/l	97
27) cis-1,2-Dichloroethene	4.59	96	86092	49.172	ug/l	99
28) Bromochloromethane	5.01	49	66305	58.583	ug/l	97
29) Tetrahydrofuran	5.12	42	178440	270.241	ug/l	99
30) Chloroform	5.20	83	145466	53.910	ug/l	99
31) Cyclohexane	5.57	56	97692	47.696	ug/l	94
32) 1,1,1-Trichloroethane	5.49	97	125525	54.305	ug/l	99
36) 1,1-Dichloropropene	5.79	75	98472	46.630	ug/l	98
37) Ethyl Acetate	4.82	43	108687	51.309	ug/l	99
38) Carbon Tetrachloride	5.78	117	110003	51.775	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	106070	42.374	ug/l	98
40) Benzene	6.13	78	304961	48.393	ug/l	98
41) Methacrylonitrile	5.03	41	59003	51.003	ug/l	97
42) 1,2-Dichloroethane	6.18	62	113069	53.061	ug/l	97
43) Isopropyl Acetate	6.44	43	174552	51.541	ug/l	99
44) Trichloroethene	7.21	130	86522	45.360	ug/l	93
45) 1,2-Dichloropropane	7.51	63	78952	48.376	ug/l	96
46) Dibromomethane	7.66	93	58004	48.685	ug/l	97
47) Bromodichloromethane	7.90	83	108273	53.676	ug/l	99
48) Methyl methacrylate	7.76	41	87458	54.874	ug/l	97
49) 1,4-Dioxane	7.74	88	44528	963.689	ug/l	95
51) 4-Methyl-2-Pentanone	8.64	43	597627	273.436	ug/l	99
52) Toluene	8.78	92	202377	48.572	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	104338	44.732	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	114115	48.430	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	87592	51.131	ug/l	98
56) Ethyl methacrylate	9.18	69	131418	53.832	ug/l	98
57) 1,3-Dichloropropane	9.37	76	137037	50.581	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	311131	259.202	ug/l	100
59) 2-Hexanone	9.49	43	467179	275.964	ug/l	98
60) Dibromochloromethane	9.58	129	93752	53.454	ug/l	99
61) 1,2-Dibromoethane	9.67	107	94372	50.989	ug/l	97
64) Tetrachloroethene	9.34	164	86448	44.373	ug/l	95
65) Chlorobenzene	10.13	112	234206	47.615	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	88419	52.507	ug/l	98
67) Ethyl Benzene	10.25	91	403587	48.993	ug/l	99
68) m/p-Xylenes	10.35	106	309505	97.136	ug/l	97
69) o-Xylene	10.69	106	154381	49.312	ug/l	100
70) Styrene	10.71	104	263499	50.867	ug/l	97
71) Bromoform	10.85	173	72177	48.054	ug/l	99
73) Isopropylbenzene	11.02	105	414894	49.066	ug/l	100
74) N-amyl acetate	10.90	43	166031	54.341	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	138910	49.295	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	118088m	52.447	ug/l	
77) Bromobenzene	11.25	156	113000	48.192	ug/l	96
78) n-propylbenzene	11.36	91	454246	48.306	ug/l	100
79) 2-Chlorotoluene	11.42	91	277533	49.517	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	350440	49.508	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	32478	39.557	ug/l	95
82) 4-Chlorotoluene	11.51	91	326410	49.972	ug/l	97
83) tert-Butylbenzene	11.77	119	344178	49.576	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	352720	50.049	ug/l	99
85) sec-Butylbenzene	11.94	105	403503	48.376	ug/l	99
86) p-Isopropyltoluene	12.06	119	375084	48.881	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	198318	47.868	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	199746	46.756	ug/l	98
89) n-Butylbenzene	12.38	91	308335	46.640	ug/l	99
90) Hexachloroethane	12.59	117	59579	52.517	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	199025	47.811	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	30122	55.174	ug/l	92

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VSTDCCC050EC

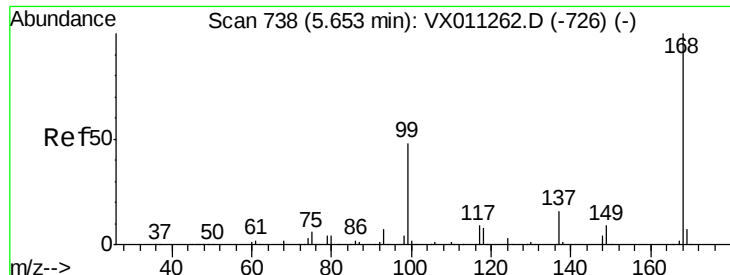
Manual Integrations
APPROVED

MMDadoda
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	132281	47.916	ug/l	99
94) Hexachlorobutadiene	13.78	225	64190	45.829	ug/l	97
95) Naphthalene	13.83	128	422013	52.273	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	134634	47.971	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 738

Delta R.T. 0.00 min

Lab File: VX011470.D

Acq: 12 Aug 2019 07:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 157936

Ion Ratio Lower Upper

168 100

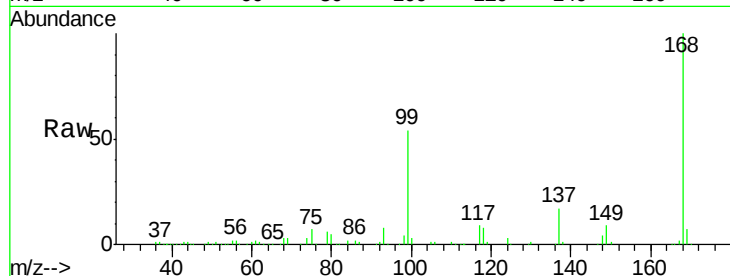
99 53.6 38.5 57.7

Manual Integrations

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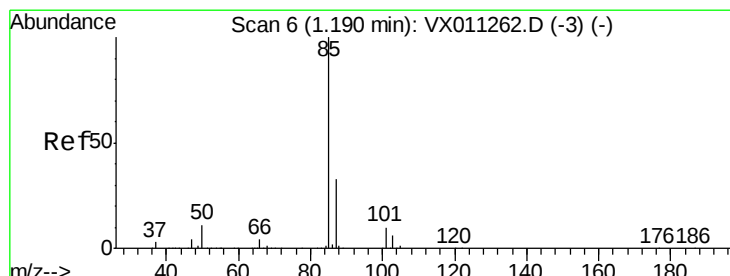
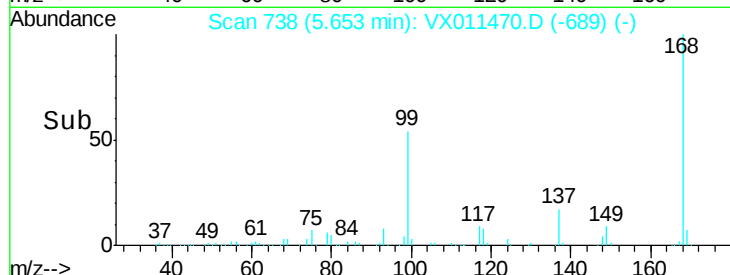
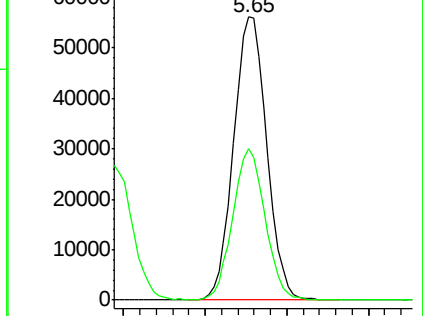
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 45.286 ug/l

RT: 1.19 min Scan# 6

Delta R.T. 0.00 min

Lab File: VX011470.D

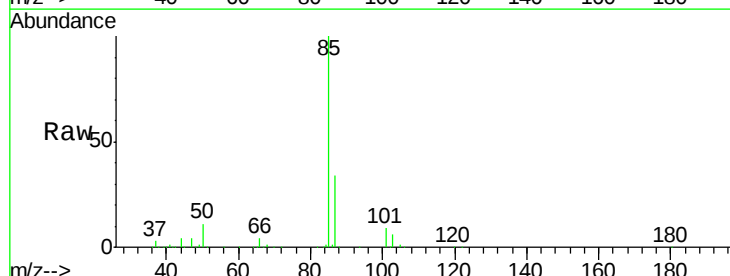
Acq: 12 Aug 2019 07:24

Tgt Ion: 85 Resp: 55240

Ion Ratio Lower Upper

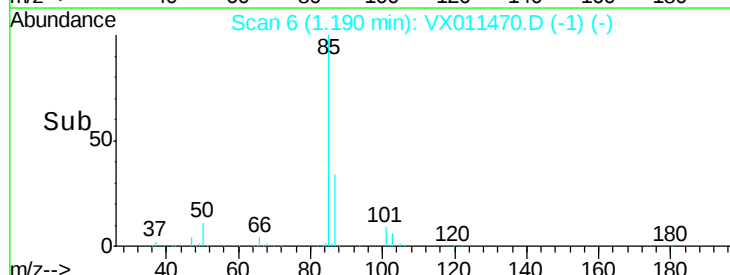
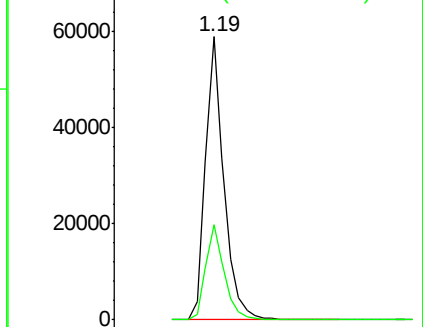
85 100

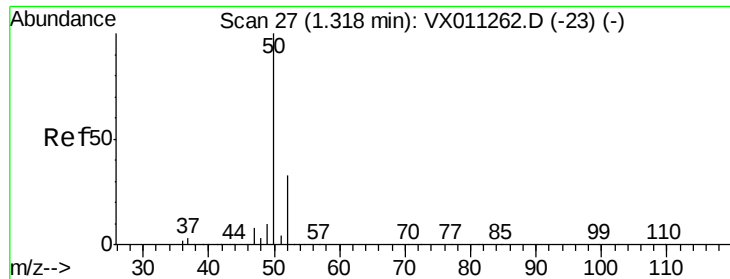
87 33.5 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 43.951 ug/l

RT: 1.32 min Scan# 27

Delta R.T. 0.00 min

Lab File: VX011470.D

Acq: 12 Aug 2019 07:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 60204

Ion Ratio Lower Upper

50 100

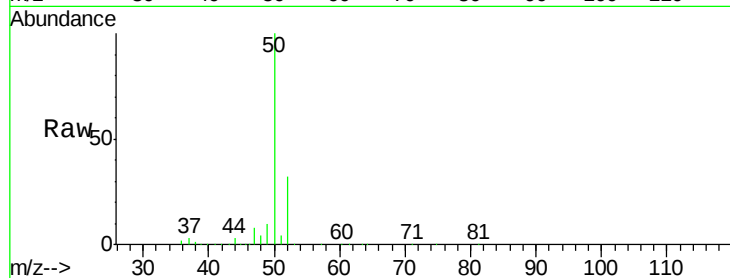
52 32.3 26.4 39.6

Manual Integrations

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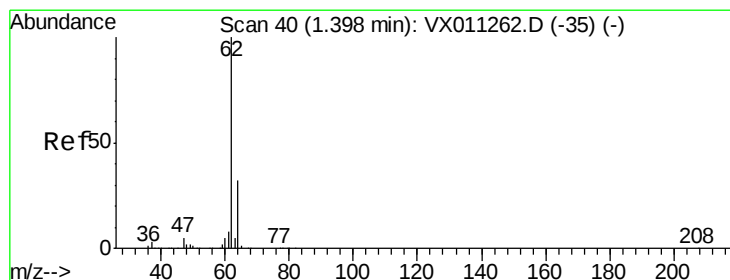
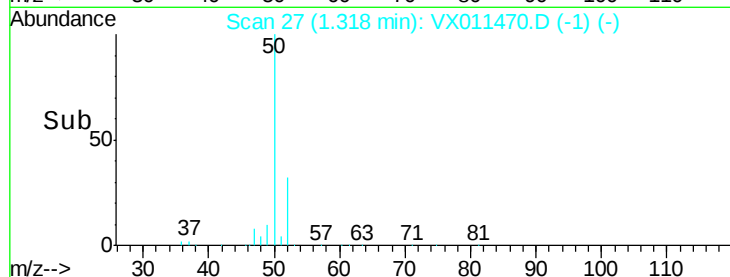
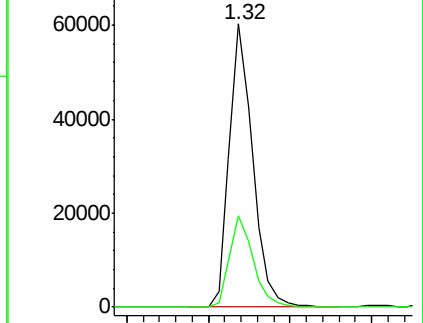
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 43.048 ug/l

RT: 1.40 min Scan# 40

Delta R.T. 0.00 min

Lab File: VX011470.D

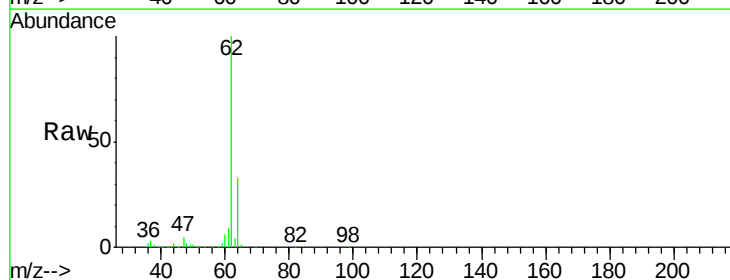
Acq: 12 Aug 2019 07:24

Tgt Ion: 62 Resp: 64863

Ion Ratio Lower Upper

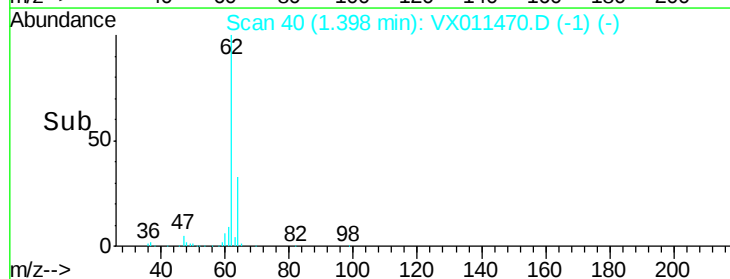
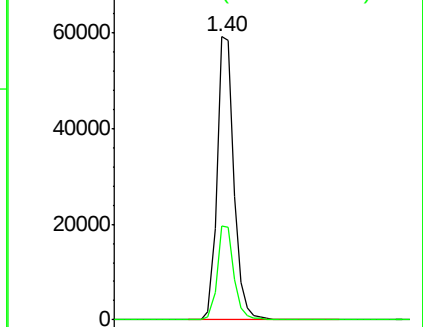
62 100

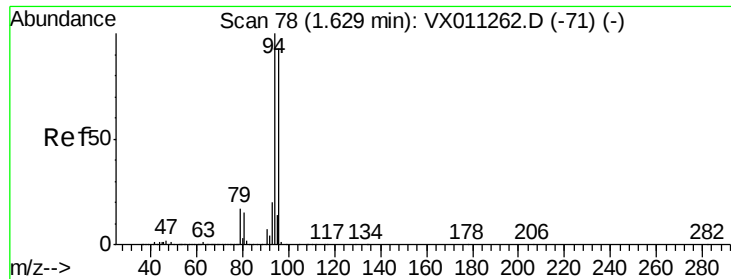
64 33.1 26.0 39.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 37.601 ug/l

RT: 1.63 min Scan# 78

Delta R.T. 0.00 min

Lab File: VX011470.D

Acq: 12 Aug 2019 07:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 40407

Ion Ratio Lower Upper

94 100

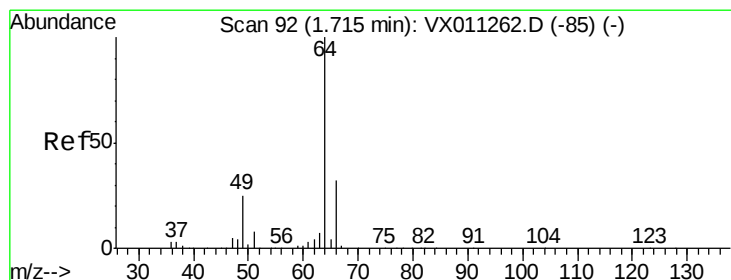
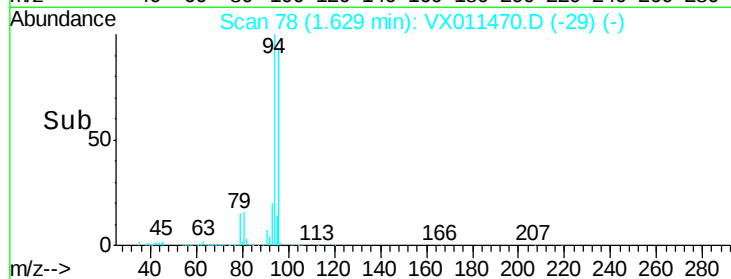
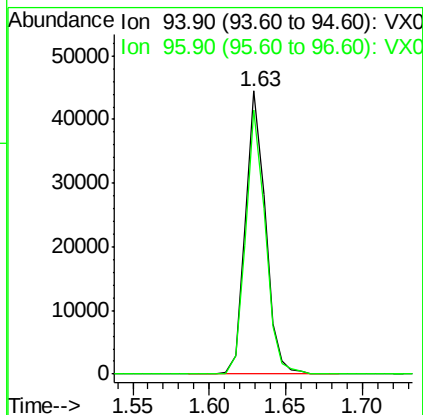
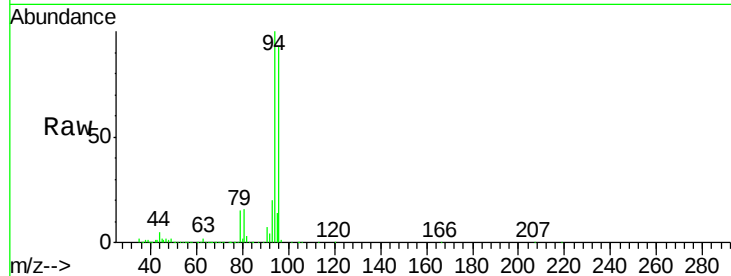
96 93.4 74.6 112.0

Manual Integrations

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#6

Chloroethane

Concen: 46.744 ug/l

RT: 1.71 min Scan# 91

Delta R.T. -0.01 min

Lab File: VX011470.D

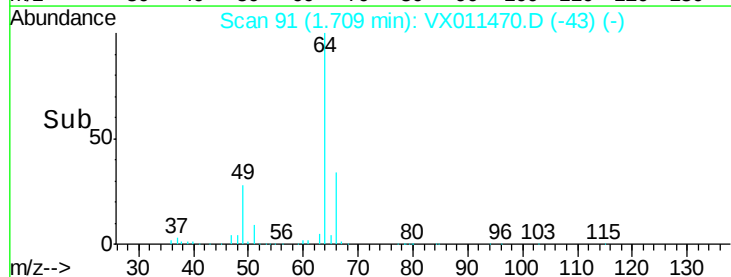
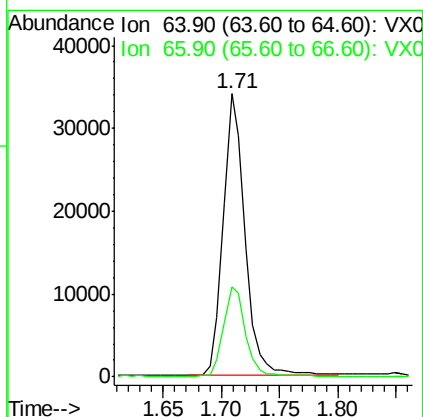
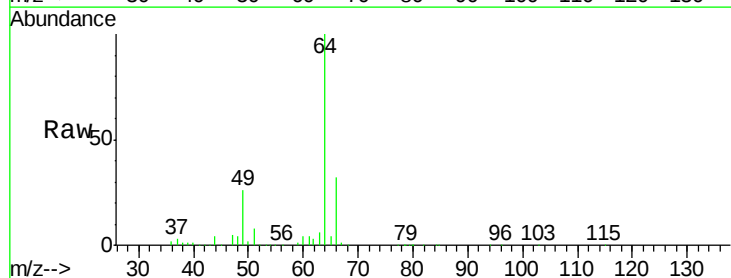
Acq: 12 Aug 2019 07:24

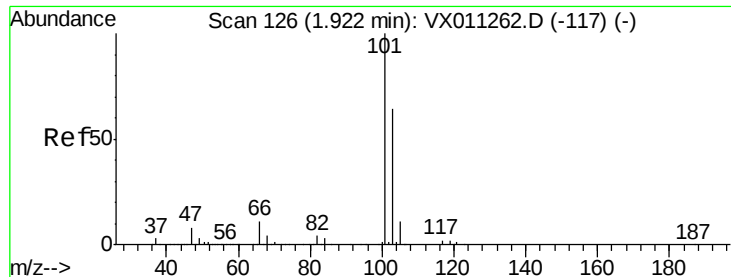
Tgt Ion: 64 Resp: 43764

Ion Ratio Lower Upper

64 100

66 31.9 25.1 37.7





#7

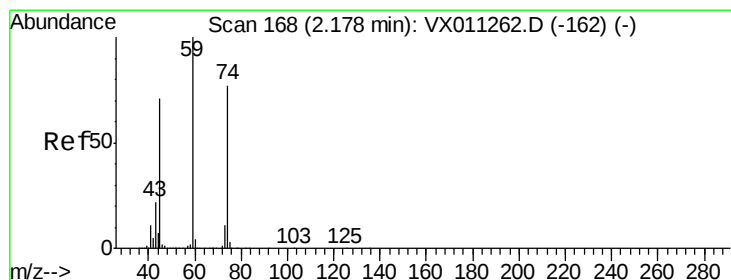
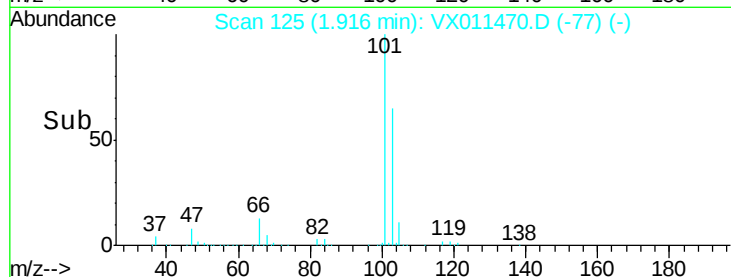
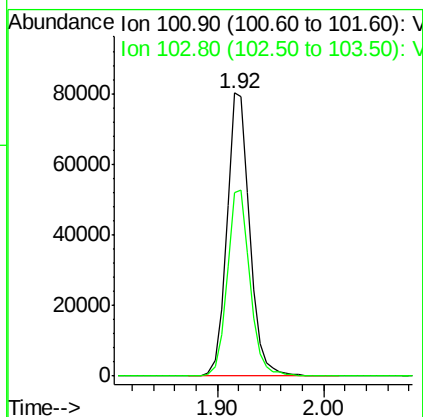
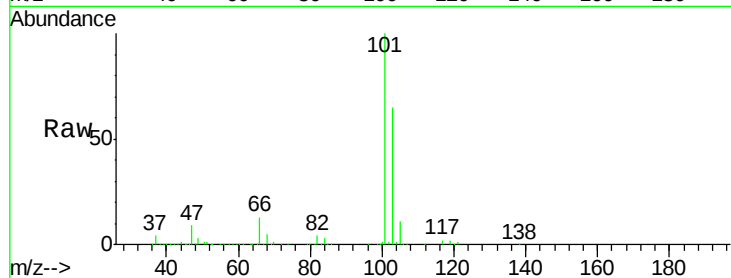
Trichlorofluoromethane
Concen: 44.691 ug/l
RT: 1.92 min Scan# 125
Delta R.T. -0.01 min
Lab File: VX011470.D
Acq: 12 Aug 2019 07:24

Instrument :
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Tot Ion	Ratio	Resp	Lower	Upper
101	100	119732		
103	65.0	50.9	76.3	

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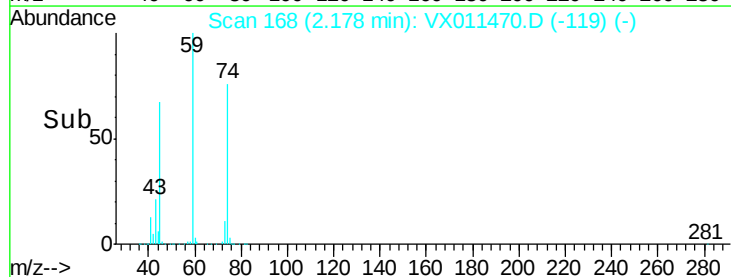
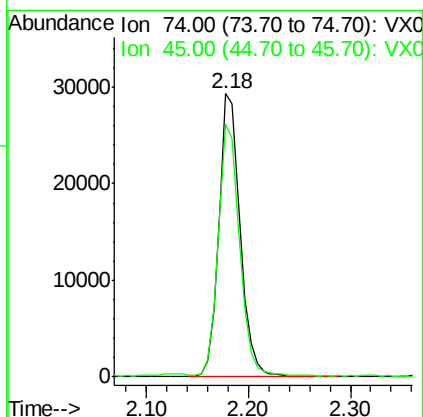
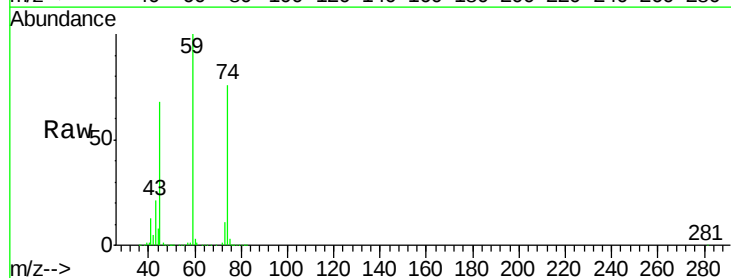
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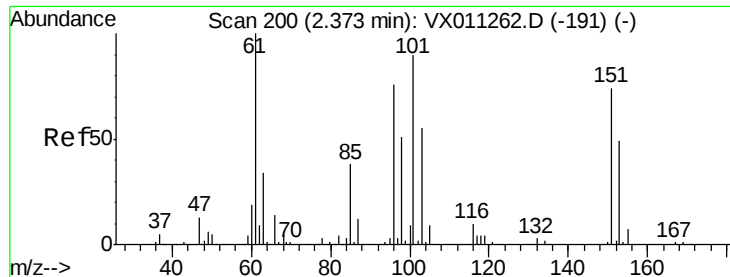


#8

Diethyl Ether
Concen: 45.212 ug/l
RT: 2.18 min Scan# 168
Delta R.T. 0.00 min
Lab File: VX011470.D
Acq: 12 Aug 2019 07:24

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	43252		
45	87.9	46.1	138.3	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.410 ug/l

RT: 2.37 min Scan# 200

Delta R.T. 0.00 min

Lab File: VX011470.D

Acq: 12 Aug 2019 07:24

Instrument :

MSVOA_X

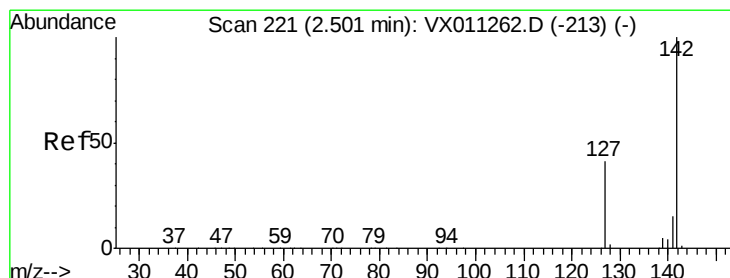
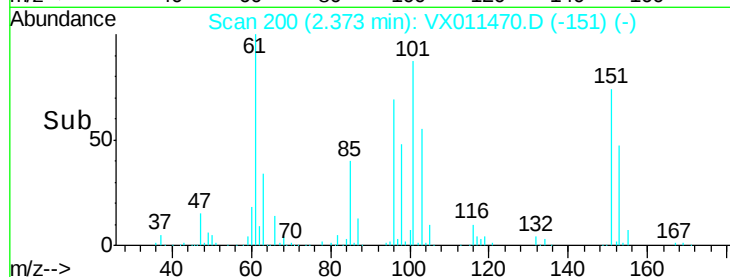
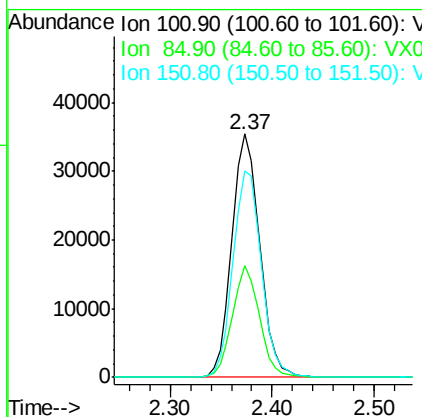
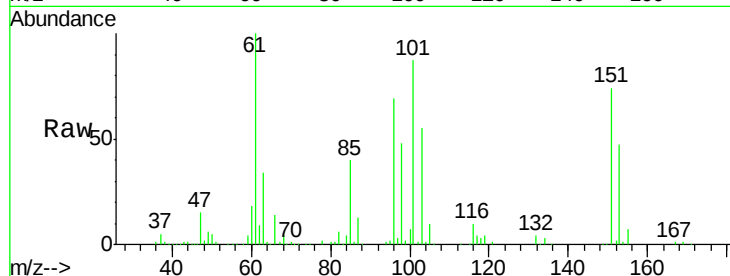
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	67276
Ion Ratio	Lower	Upper	
101	100		
85	44.1	33.8	50.6
151	86.1	69.5	104.3

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#10

Methyl Iodide

Concen: 48.863 ug/l

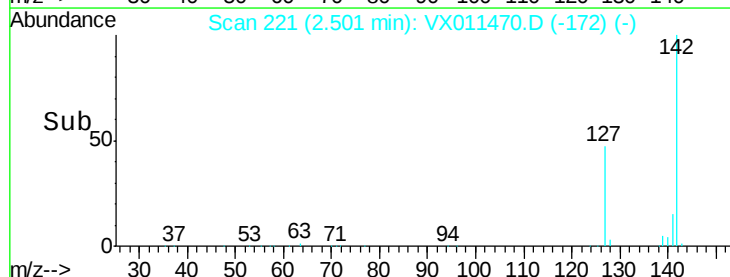
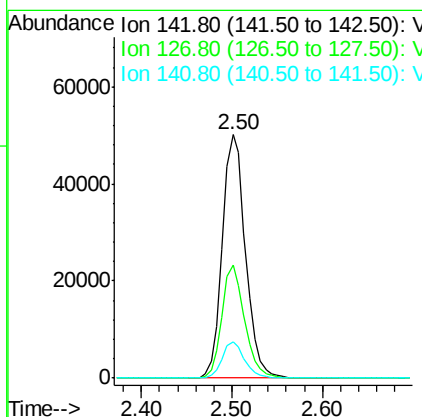
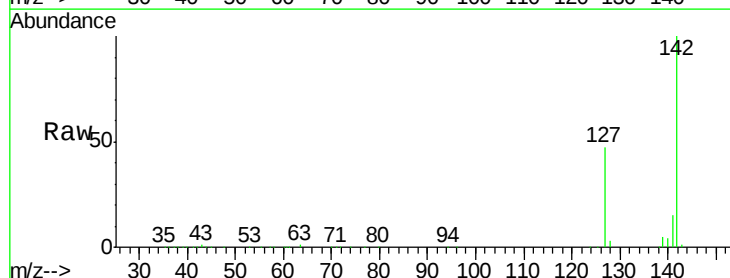
RT: 2.50 min Scan# 221

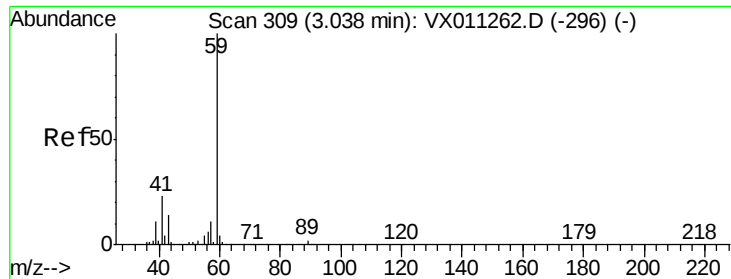
Delta R.T. 0.00 min

Lab File: VX011470.D

Acq: 12 Aug 2019 07:24

Tgt Ion:	142	Resp:	89302
Ion Ratio	Lower	Upper	
142	100		
127	45.4	33.8	50.8
141	14.4	11.4	17.2





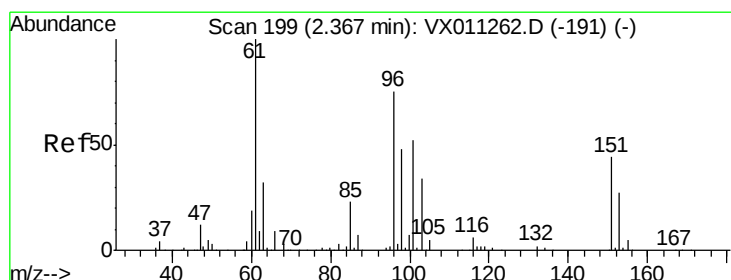
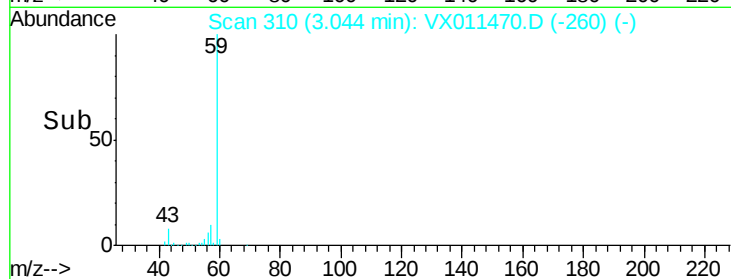
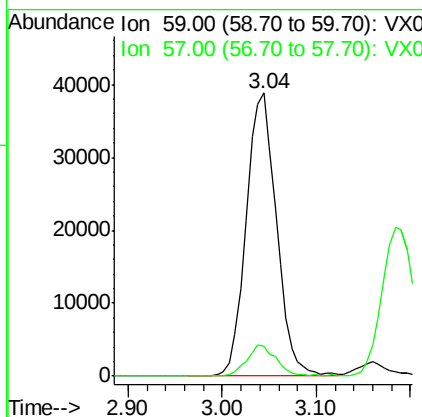
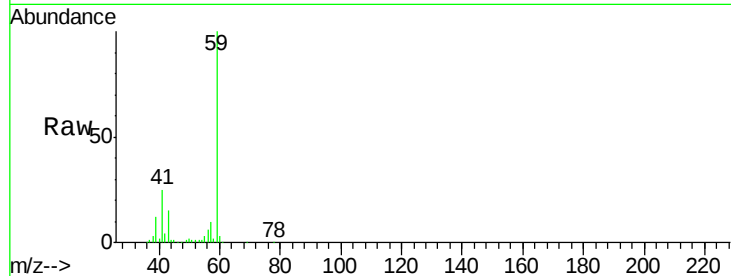
#11
Tert butyl alcohol
Concen: 275.025 ug/l
RT: 3.04 min Scan# 310
Delta R.T. 0.01 min
Lab File: VX011470.D
Acq: 12 Aug 2019 07:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 59 Resp: 87227
Ion Ratio Lower Upper
59 100
57 10.6 8.3 12.5

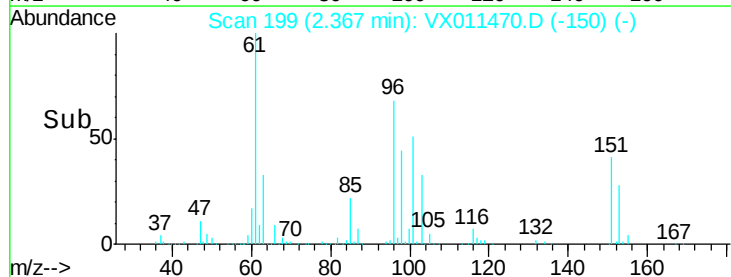
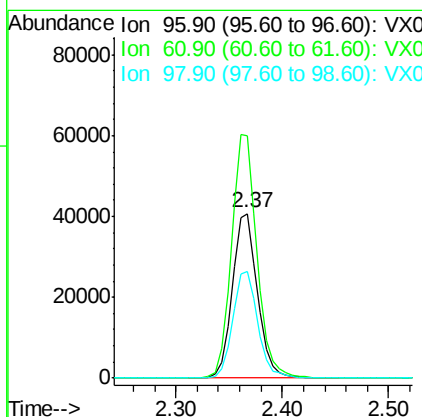
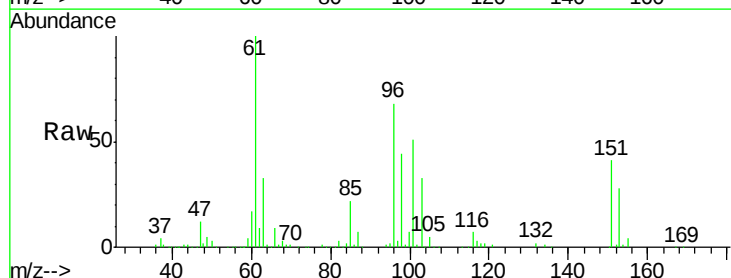
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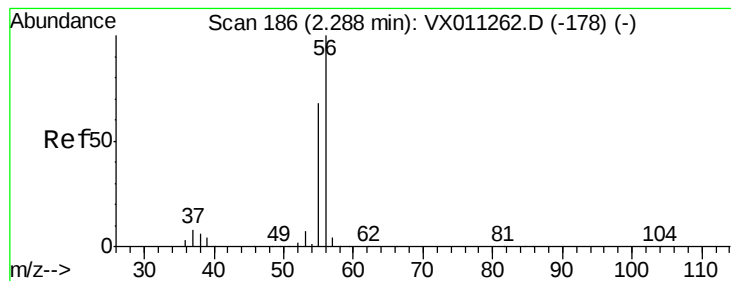
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#12
1,1-Dichloroethene
Concen: 46.897 ug/l
RT: 2.37 min Scan# 199
Delta R.T. 0.00 min
Lab File: VX011470.D
Acq: 12 Aug 2019 07:24

Tgt Ion: 96 Resp: 67390
Ion Ratio Lower Upper
96 100
61 147.2 106.2 159.2
98 65.0 50.6 75.8





#13

Acrolein

Concen: 142.573 ug/l

RT: 2.29 min Scan# 186

Delta R.T. 0.00 min

Lab File: VX011470.D

Acq: 12 Aug 2019 07:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 28137

Ion Ratio Lower Upper

56 100

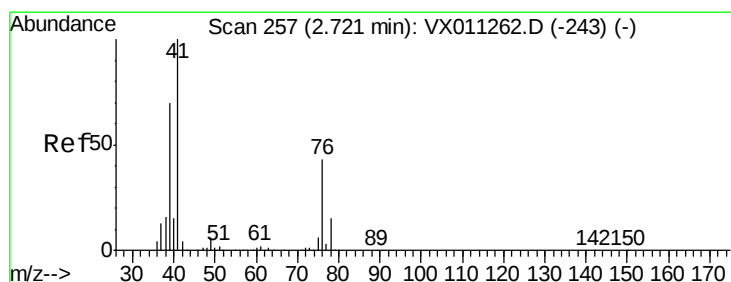
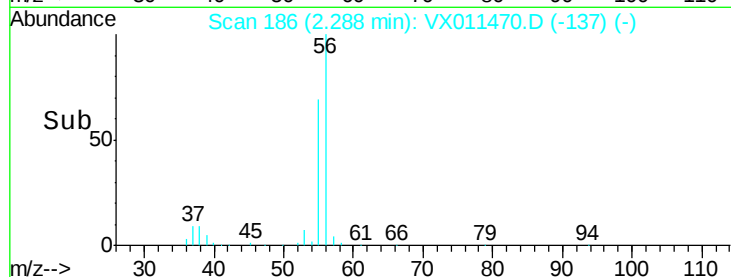
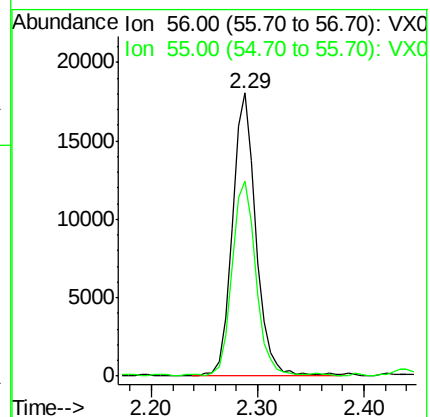
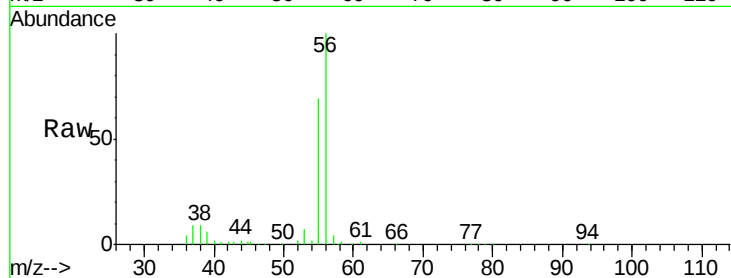
55 68.1 56.0 84.0

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#14

Allyl chloride

Concen: 50.533 ug/l

RT: 2.72 min Scan# 257

Delta R.T. 0.00 min

Lab File: VX011470.D

Acq: 12 Aug 2019 07:24

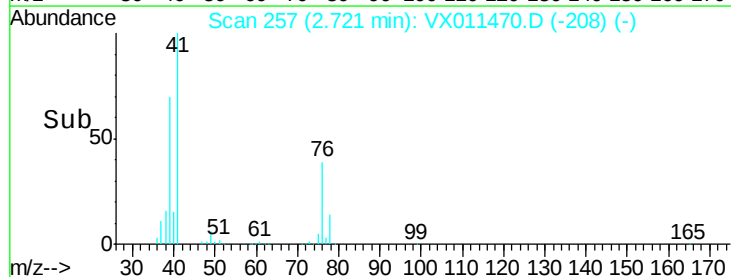
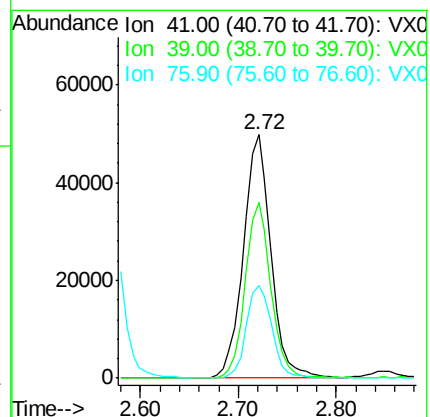
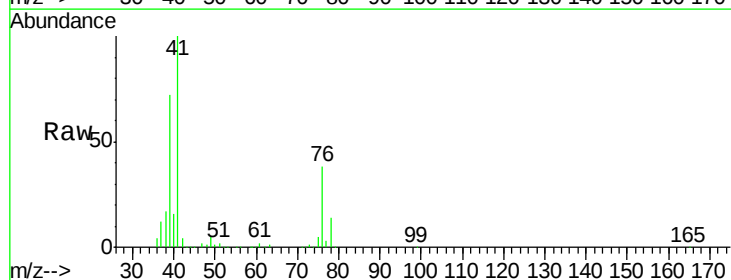
Tgt Ion: 41 Resp: 96805

Ion Ratio Lower Upper

41 100

39 67.0 52.8 79.2

76 35.6 31.1 46.7





#15

Acrylonitrile

Concen: 270.847 ug/l

RT: 3.14 min Scan# 325

Delta R.T. 0.00 min

Lab File: VX011470.D

Acq: 12 Aug 2019 07:24

Instrument :

MSVOA_X

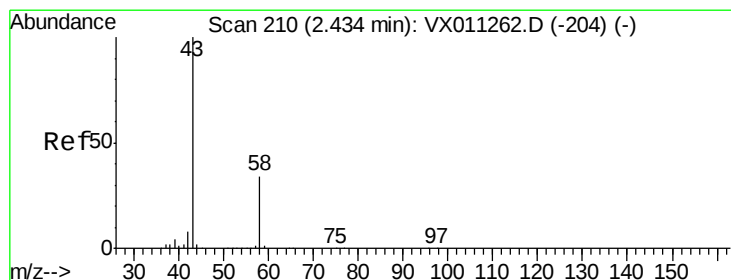
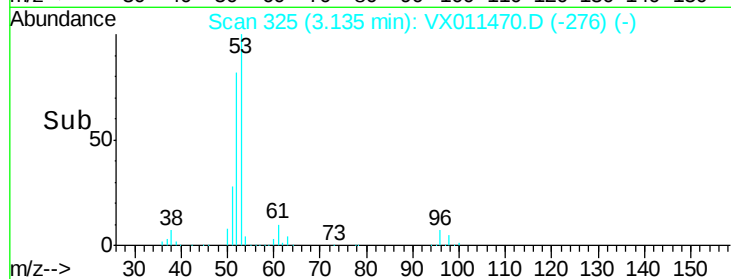
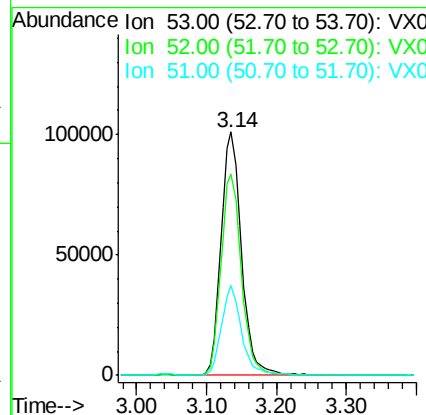
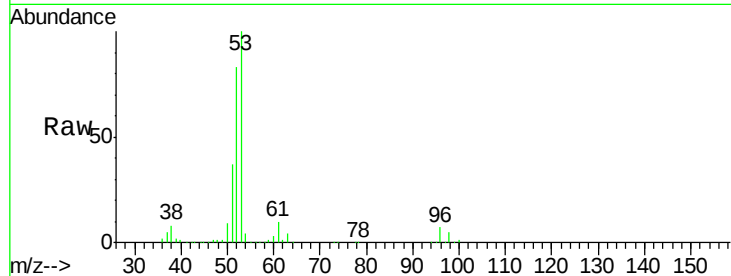
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	204989
Ion	Ratio	Lower	Upper
53	100		
52	82.4	65.5	98.3
51	36.7	27.9	41.9

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#16

Acetone

Concen: 237.176 ug/l

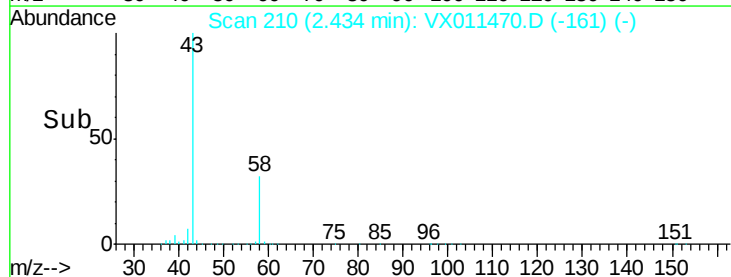
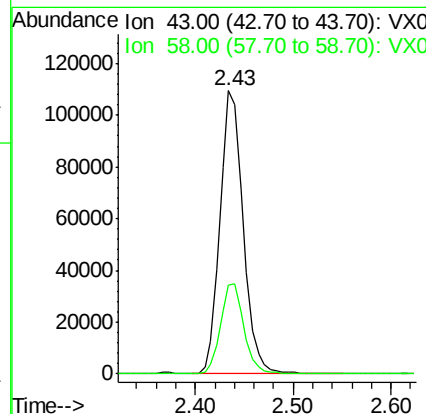
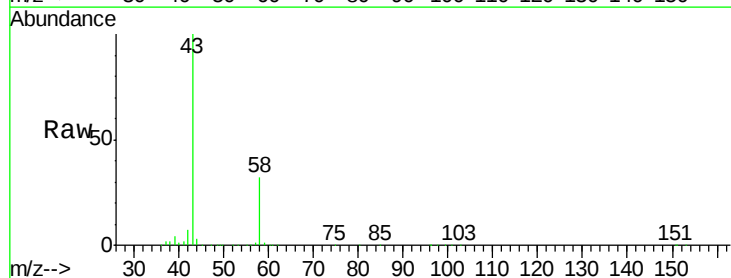
RT: 2.43 min Scan# 210

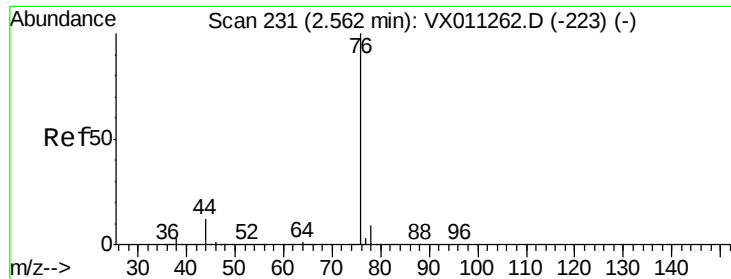
Delta R.T. 0.00 min

Lab File: VX011470.D

Acq: 12 Aug 2019 07:24

Tgt Ion:	43	Resp:	179553
Ion	Ratio	Lower	Upper
43	100		
58	31.6	27.4	41.0





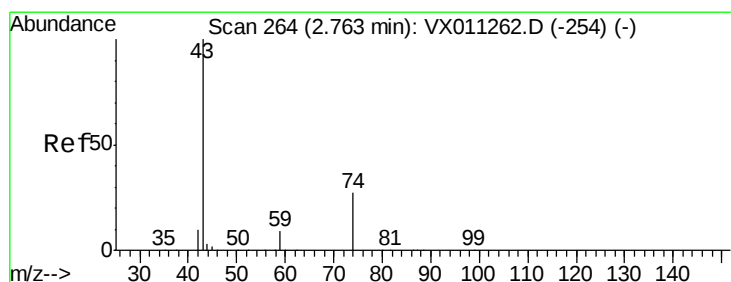
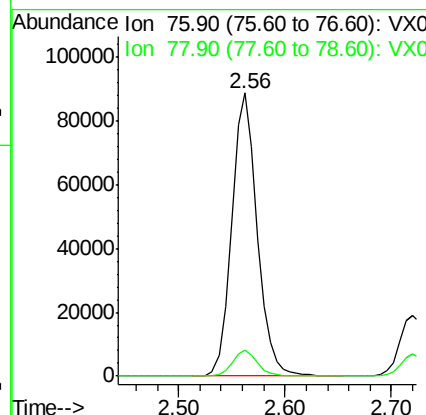
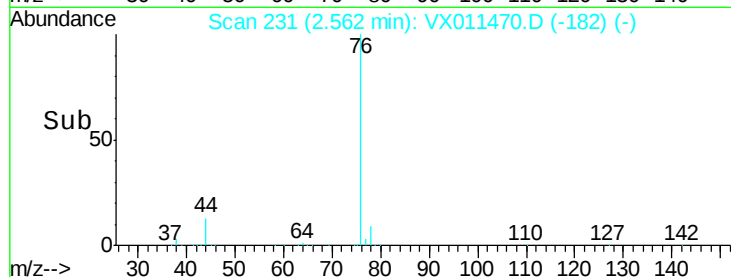
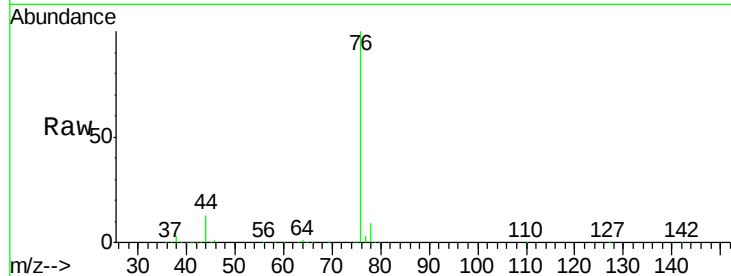
#17
Carbon Disulfide
Concen: 43.992 ug/l
RT: 2.56 min Scan# 231
Delta R.T. 0.00 min
Lab File: VX011470.D
Acq: 12 Aug 2019 07:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.2	7.4	11.0

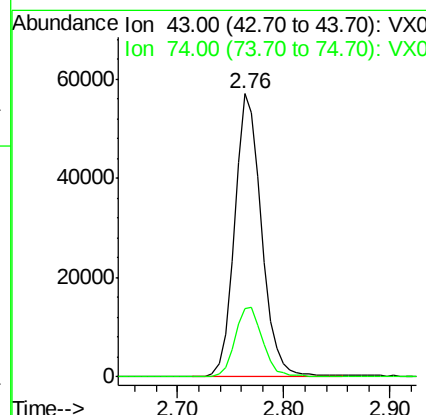
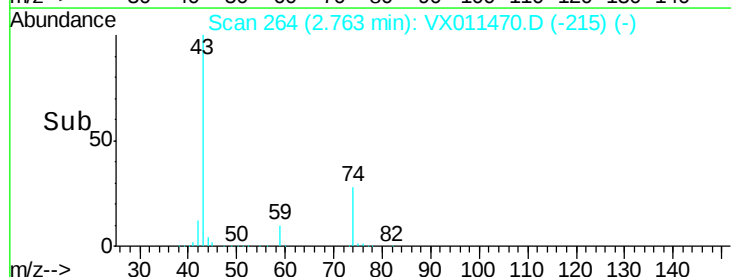
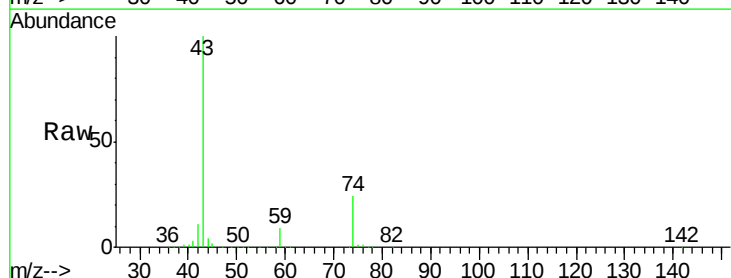
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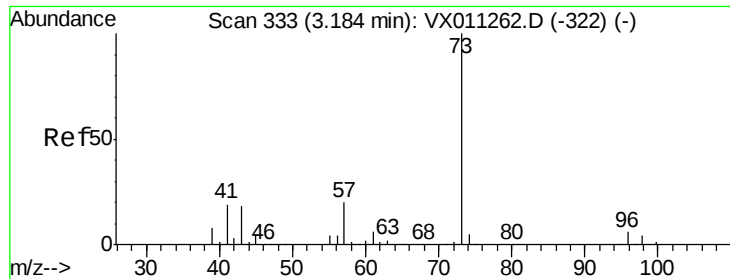
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#18
Methyl Acetate
Concen: 58.640 ug/l
RT: 2.76 min Scan# 264
Delta R.T. 0.00 min
Lab File: VX011470.D
Acq: 12 Aug 2019 07:24

Tgt Ion	Ratio	Lower	Upper
43	100		
74	25.4	21.0	31.6





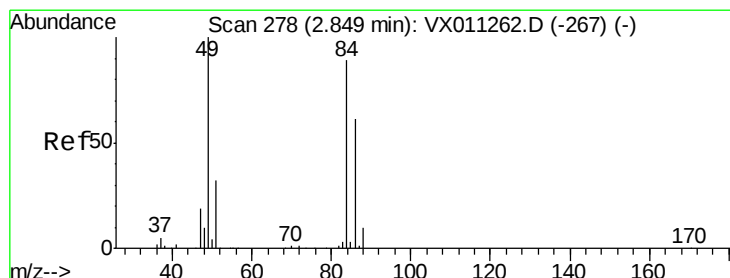
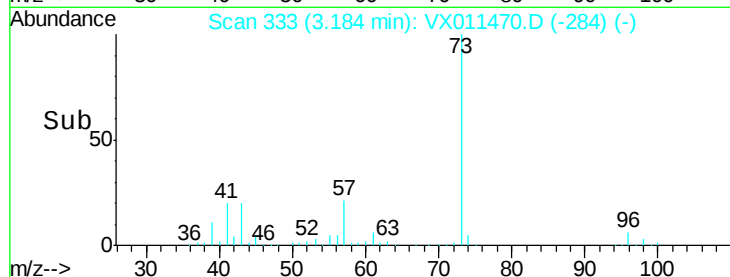
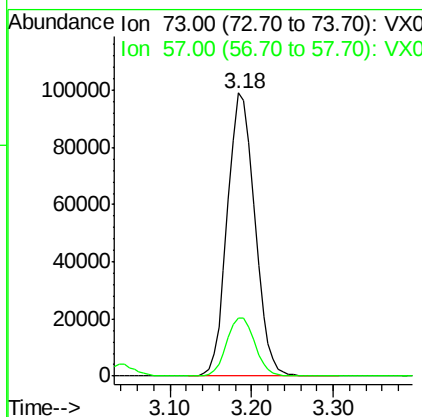
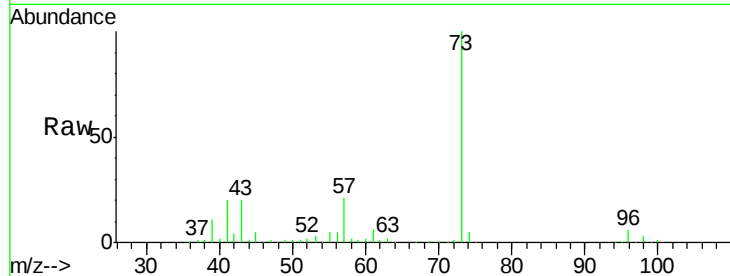
#19
Methvl tert-butvl Ether
Concen: 54.504 ug/l
RT: 3.18 min Scan# 333
Delta R.T. 0.00 min
Lab File: VX011470.D
Acq: 12 Aug 2019 07:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
73	100		
57	20.6	16.2	24.2

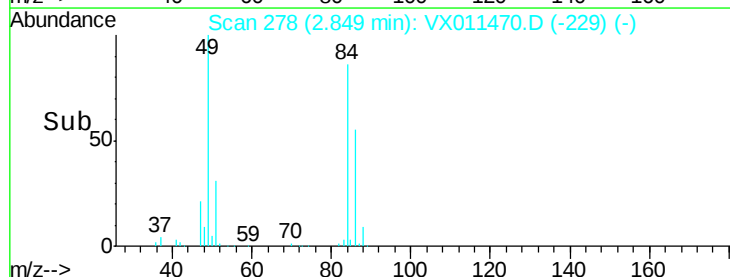
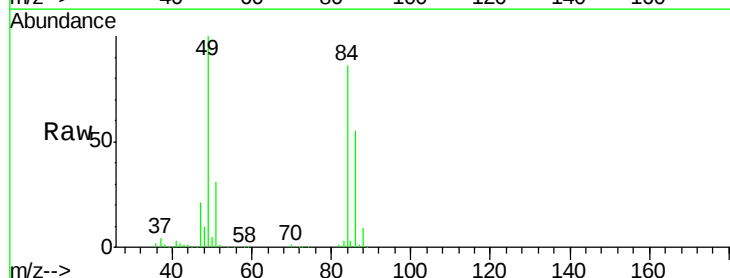
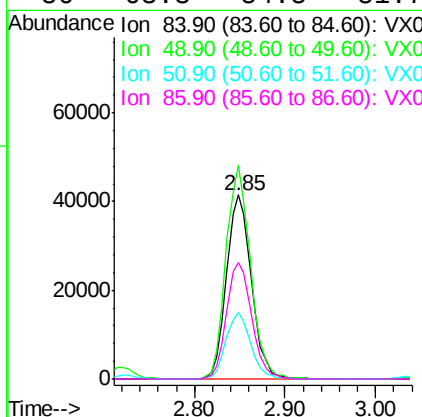
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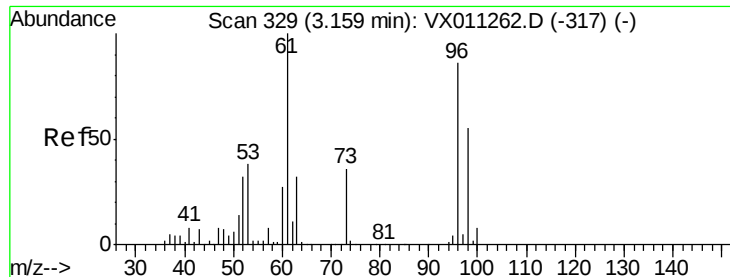
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#20
Methylene Chloride
Concen: 47.717 ug/l
RT: 2.85 min Scan# 278
Delta R.T. 0.00 min
Lab File: VX011470.D
Acq: 12 Aug 2019 07:24

Tgt Ion	Ratio	Lower	Upper
84	100		
49	116.0	89.3	133.9
51	36.3	28.3	42.5
86	63.3	54.5	81.7





#21

trans-1,2-Dichloroethene

Concen: 48.504 ug/l

RT: 3.15 min Scan# 328

Delta R.T. -0.01 min

Lab File: VX011470.D

Acq: 12 Aug 2019 07:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 96 Resp: 73728

Ion Ratio Lower Upper

96 100

61 130.5 92.8 139.2

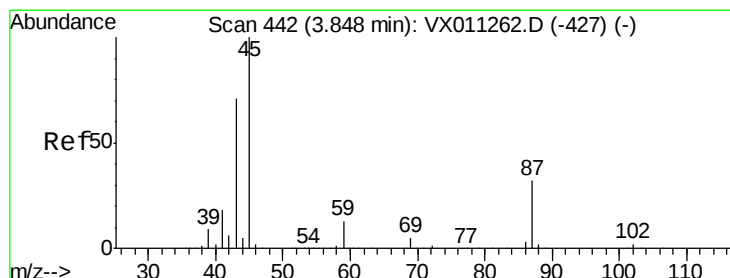
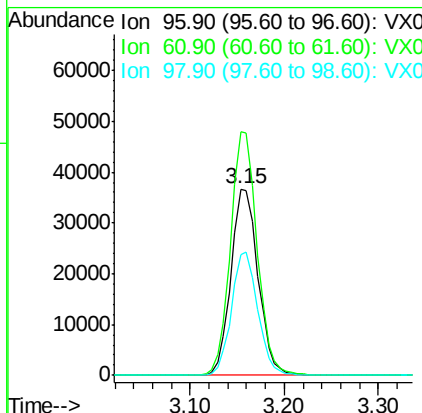
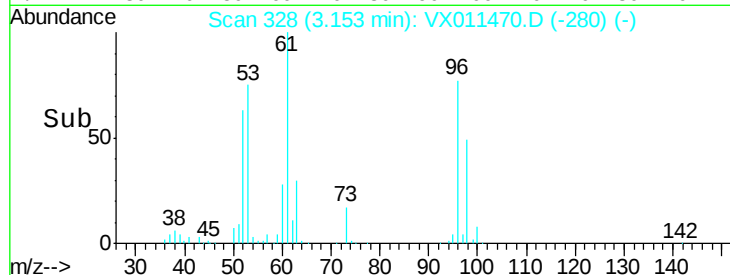
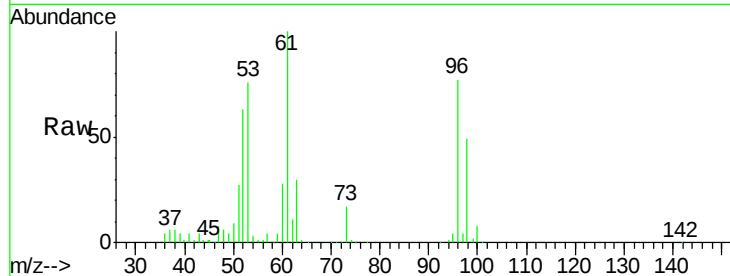
98 64.4 51.2 76.8

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#22

Diisopropyl ether

Concen: 53.495 ug/l

RT: 3.85 min Scan# 442

Delta R.T. 0.00 min

Lab File: VX011470.D

Acq: 12 Aug 2019 07:24

Tgt Ion: 45 Resp: 225230

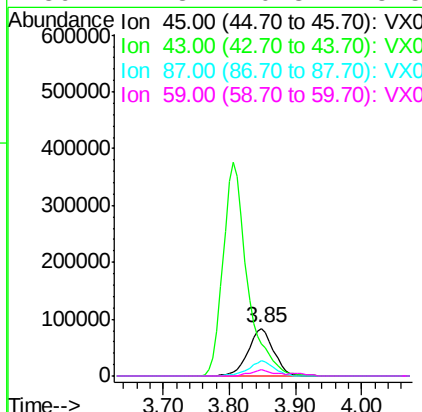
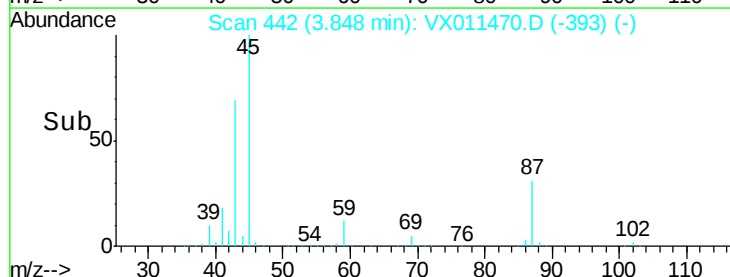
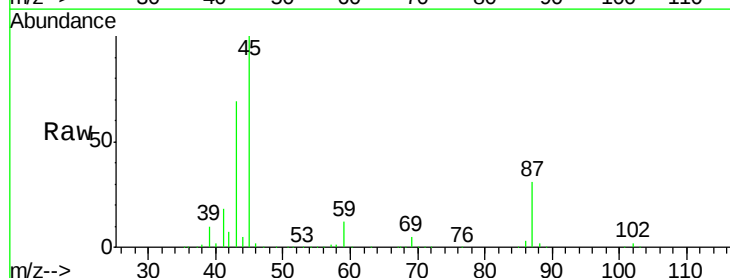
Ion Ratio Lower Upper

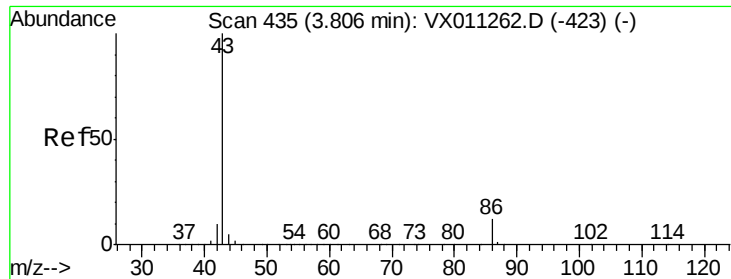
45 100

43 68.8 56.8 85.2

87 31.3 25.8 38.6

59 12.3 10.3 15.5





#23

Vinyl Acetate

Concen: 273.622 ug/l

RT: 3.81 min Scan# 435

Delta R.T. 0.00 min

Lab File: VX011470.D

Acq: 12 Aug 2019 07:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 955504

Ion Ratio Lower Upper

43 100

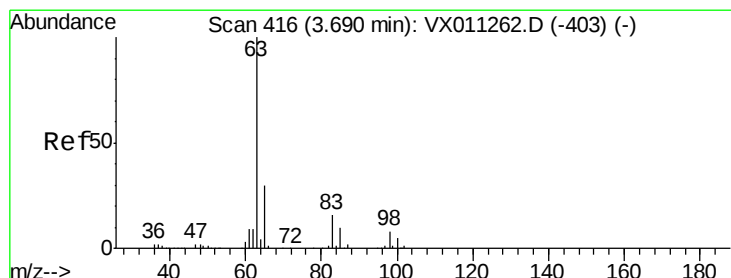
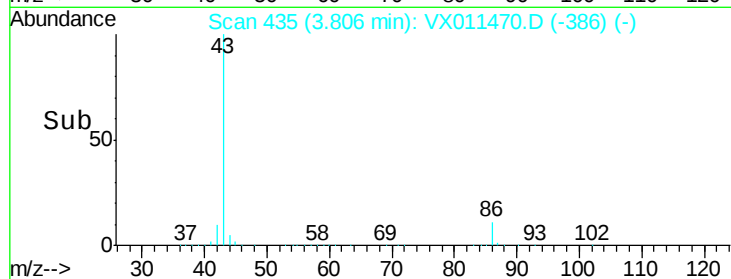
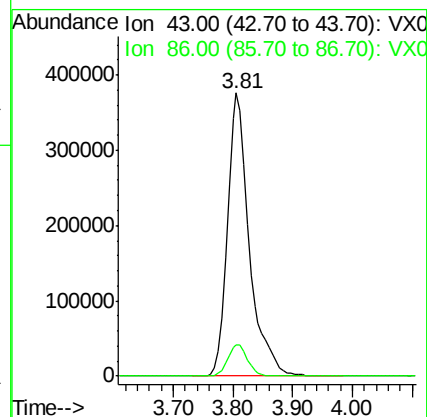
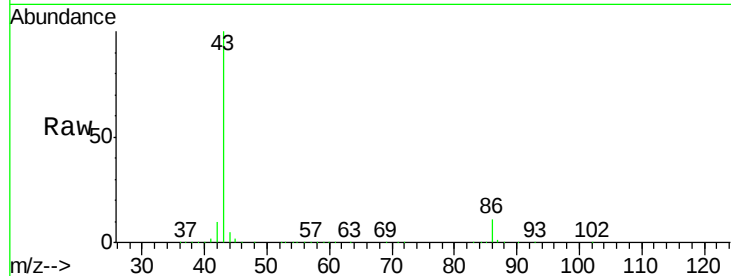
86 11.1 9.6 14.4

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#24

1,1-Dichloroethane

Concen: 51.855 ug/l

RT: 3.69 min Scan# 416

Delta R.T. 0.00 min

Lab File: VX011470.D

Acq: 12 Aug 2019 07:24

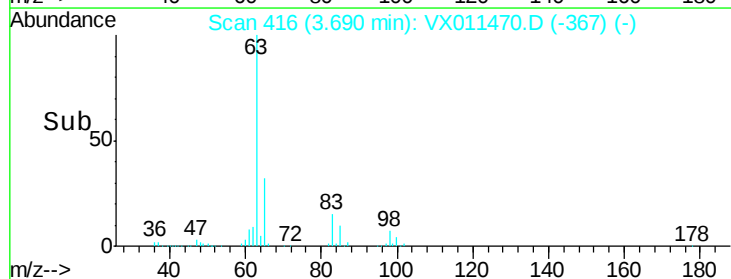
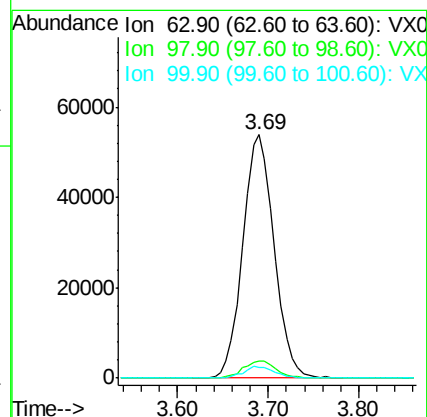
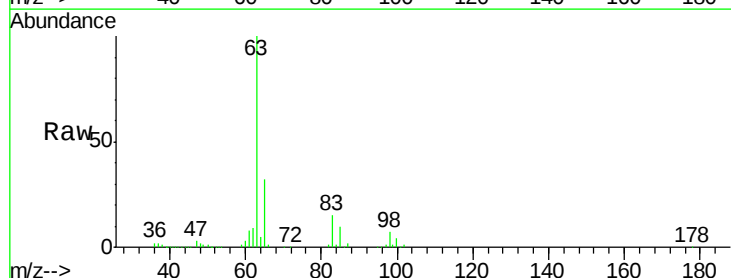
Tgt Ion: 63 Resp: 128738

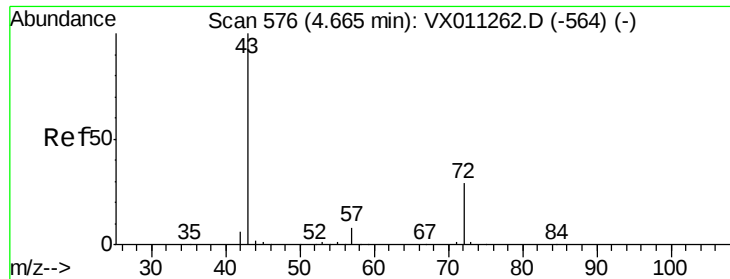
Ion Ratio Lower Upper

63 100

98 7.2 3.9 11.5

100 4.5 2.7 8.1





#25

2-Butanone

Concen: 269.134 ug/l

RT: 4.67 min Scan# 576

Delta R.T. 0.00 min

Lab File: VX011470.D

Acq: 12 Aug 2019 07:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 289830

Ion Ratio Lower Upper

43 100

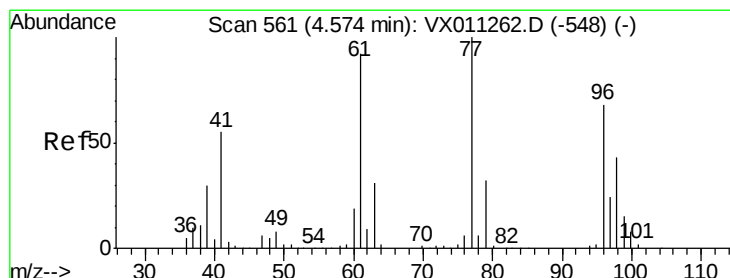
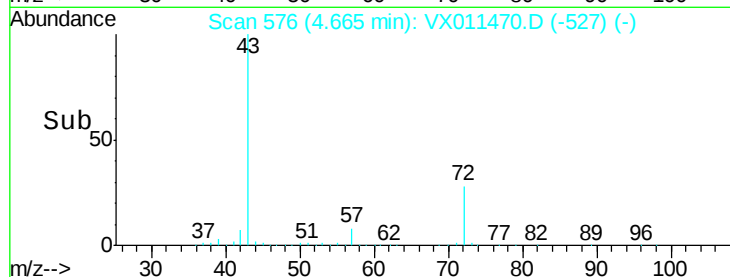
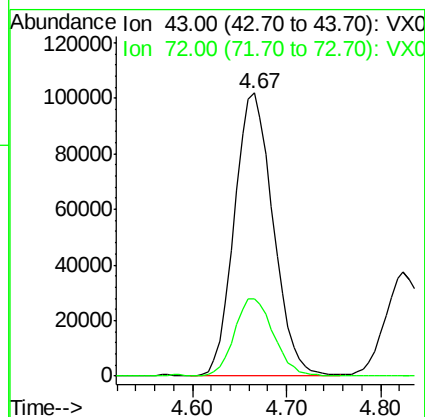
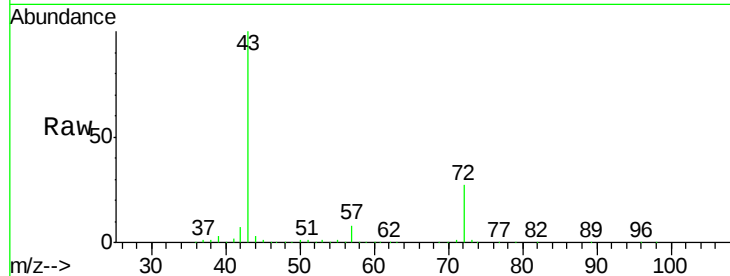
72 27.4 23.2 34.8

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#26

2,2-Dichloropropane

Concen: 29.761 ug/l

RT: 4.57 min Scan# 561

Delta R.T. 0.00 min

Lab File: VX011470.D

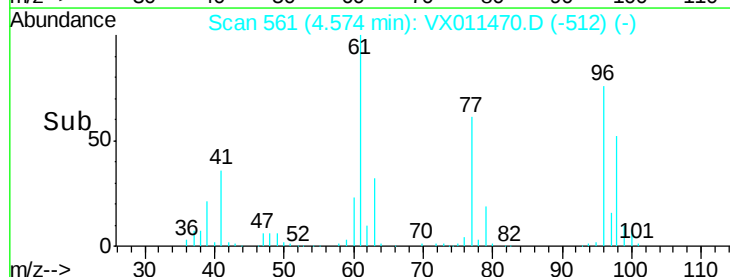
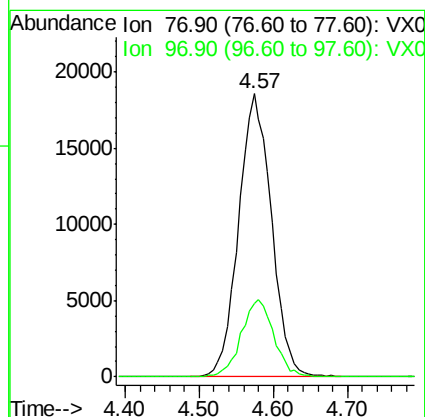
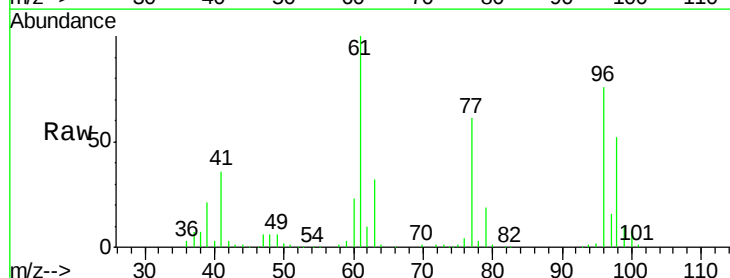
Acq: 12 Aug 2019 07:24

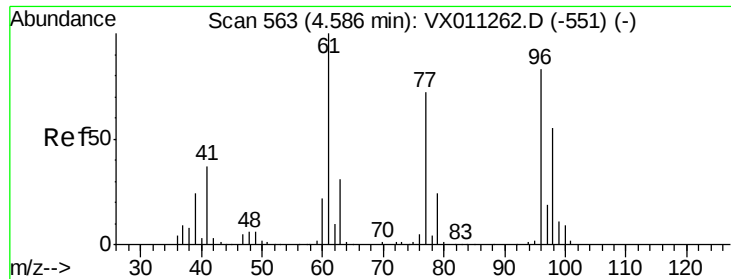
Tgt Ion: 77 Resp: 57436

Ion Ratio Lower Upper

77 100

97 27.1 12.8 38.4





#27

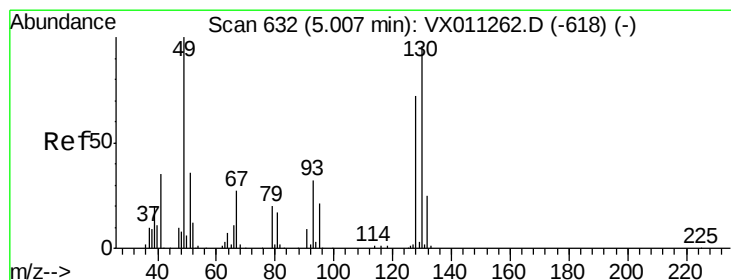
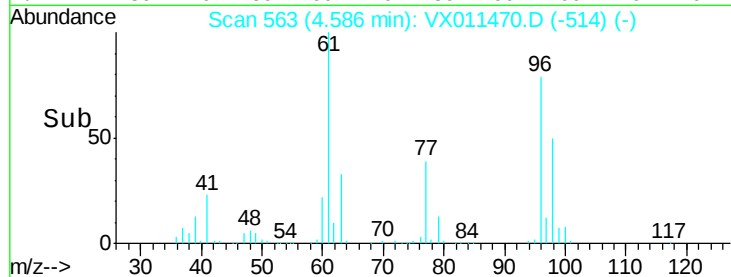
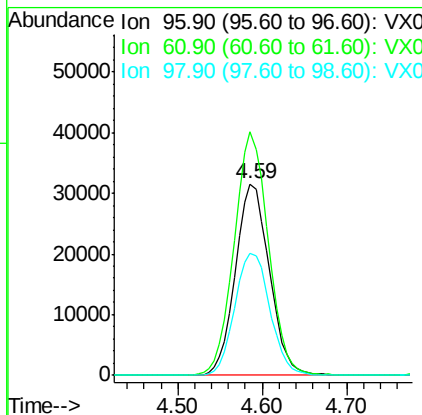
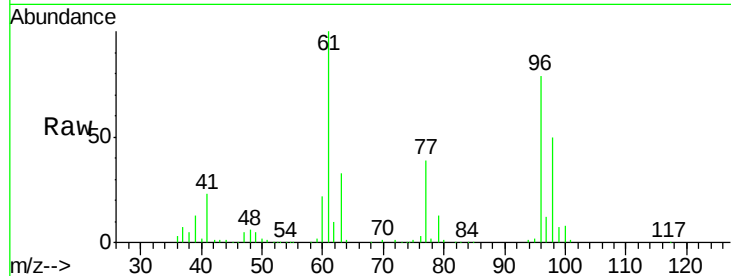
cis-1,2-Dichloroethene
Concen: 49.172 ug/l
RT: 4.59 min Scan# 563
Delta R.T. 0.00 min
Lab File: VX011470.D
Acq: 12 Aug 2019 07:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	128.5	0.0	260.2
98	66.3	0.0	133.2

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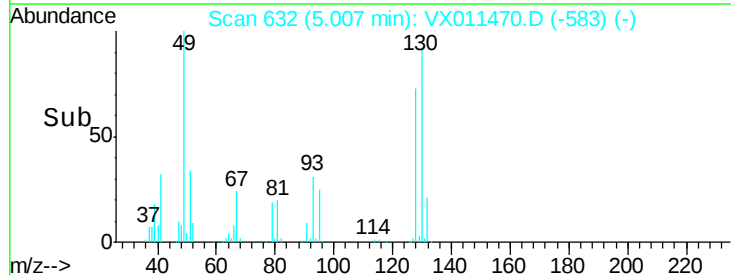
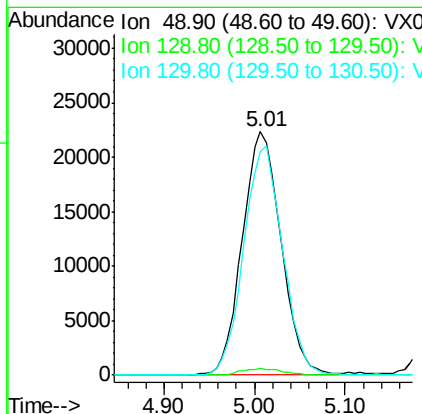
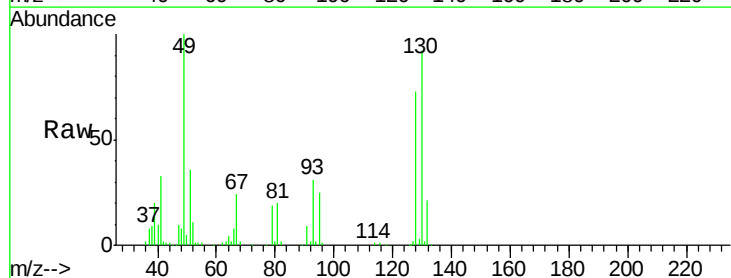
MMDadoda
8/12/2019 10:29:51 AM

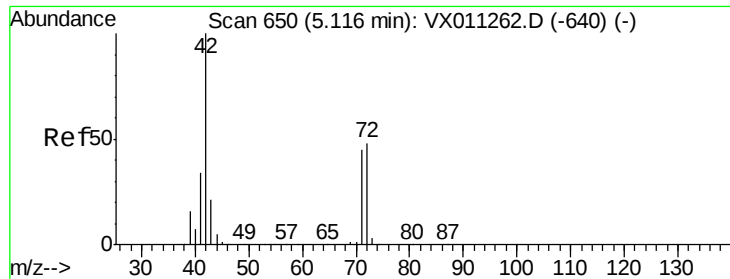


#28

Bromochloromethane
Concen: 58.583 ug/l
RT: 5.01 min Scan# 632
Delta R.T. 0.00 min
Lab File: VX011470.D
Acq: 12 Aug 2019 07:24

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.8	0.0	5.8
130	94.3	77.9	116.9





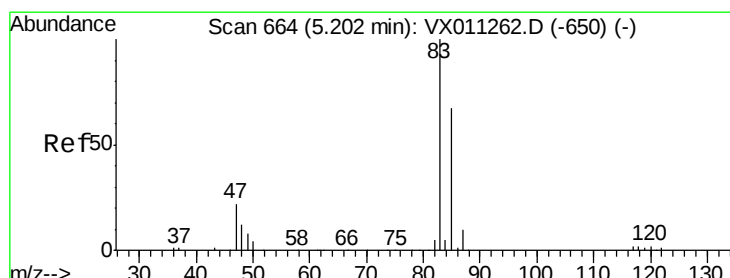
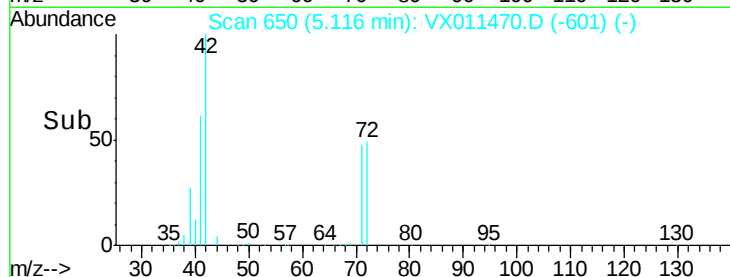
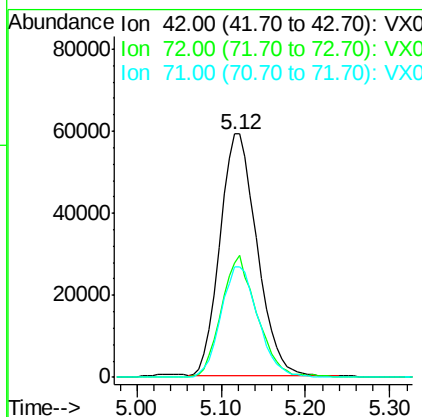
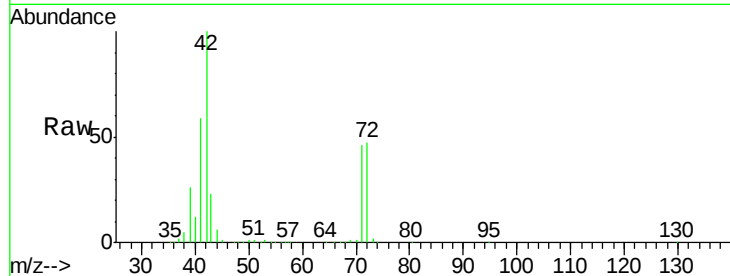
#29
Tetrahydrofuran
Concen: 270.241 ug/l
RT: 5.12 min Scan# 650
Delta R.T. 0.00 min
Lab File: VX011470.D
Acq: 12 Aug 2019 07:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	48.6	39.9	59.9
71	45.9	36.9	55.3

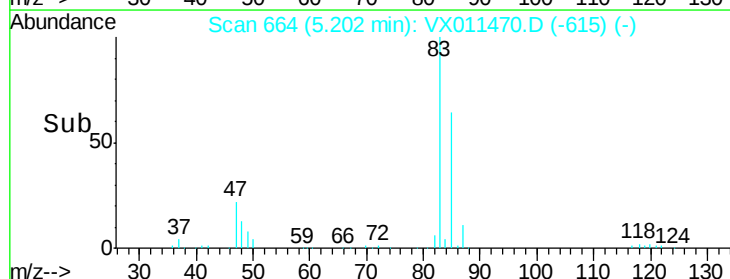
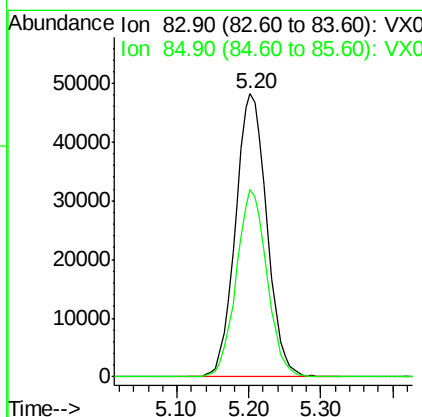
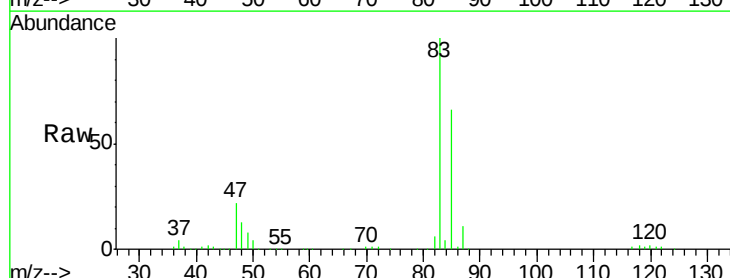
Manual Integrations
APPROVED

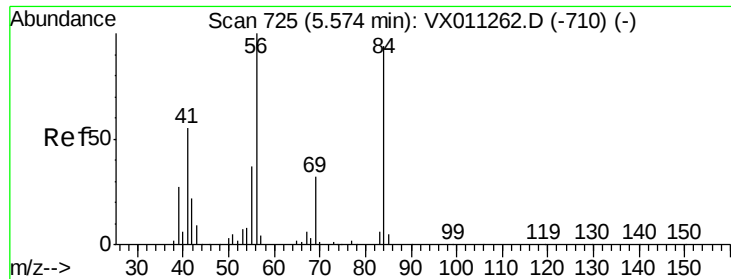
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#30
Chloroform
Concen: 53.910 ug/l
RT: 5.20 min Scan# 664
Delta R.T. 0.00 min
Lab File: VX011470.D
Acq: 12 Aug 2019 07:24

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.2	53.4	80.0





#31

Cyclohexane

Concen: 47.696 ug/l

RT: 5.57 min Scan# 724

Delta R.T. -0.01 min

Lab File: VX011470.D

Acq: 12 Aug 2019 07:24

Instrument :

MSVOA_X

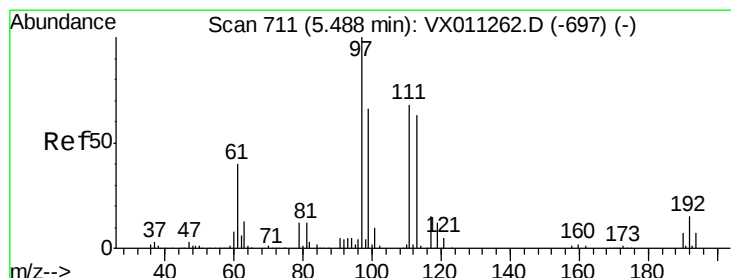
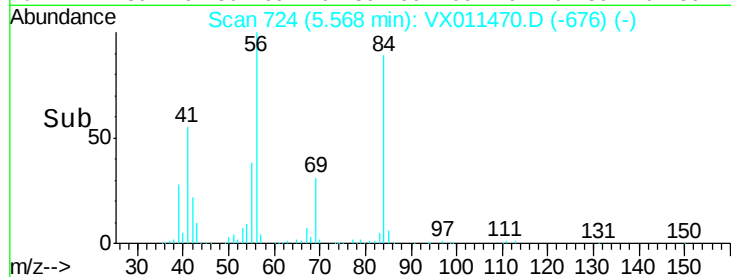
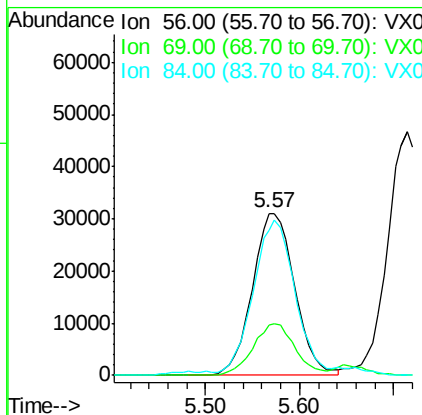
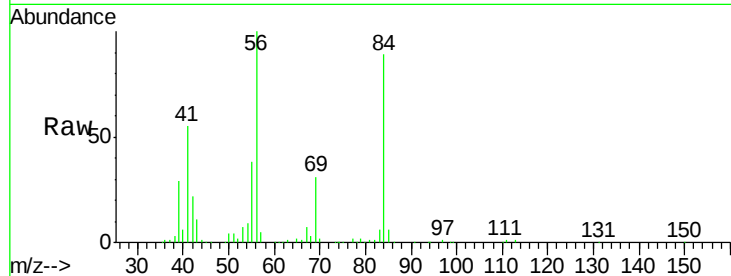
ClientSampleId :

VSTDCCC050EC

Tot Ion:	56	Resp:	97692
Ion	Ratio	Lower	Upper
56	100		
69	31.0	25.5	38.3
84	87.1	75.0	112.4

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 54.305 ug/l

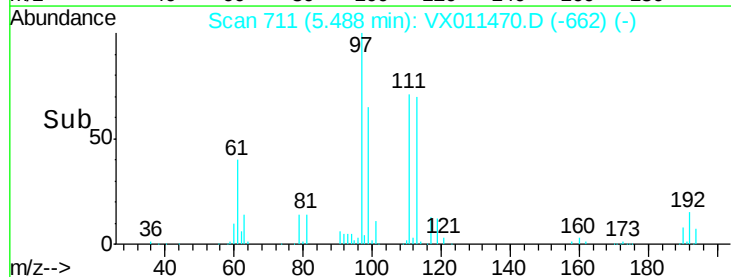
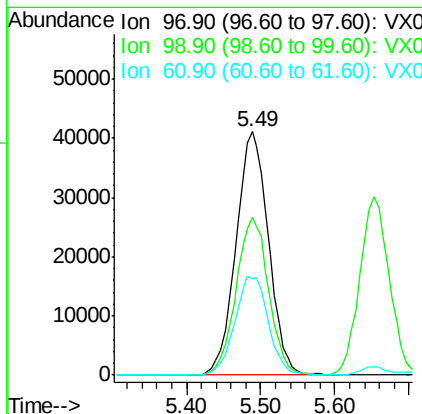
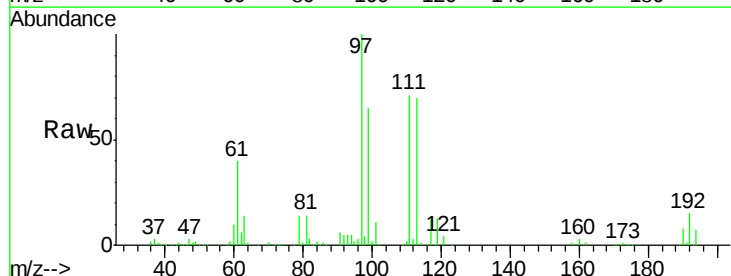
RT: 5.49 min Scan# 711

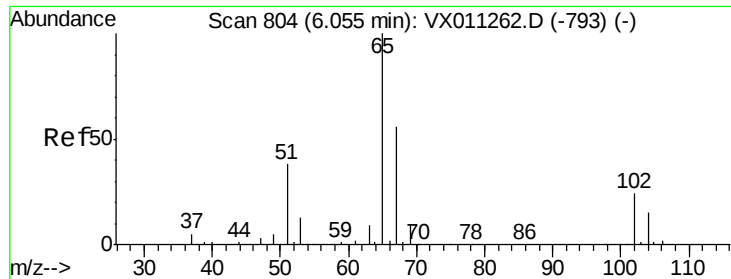
Delta R.T. 0.00 min

Lab File: VX011470.D

Acq: 12 Aug 2019 07:24

Tgt Ion:	97	Resp:	125525
Ion	Ratio	Lower	Upper
97	100		
99	65.0	51.6	77.4
61	41.9	32.3	48.5





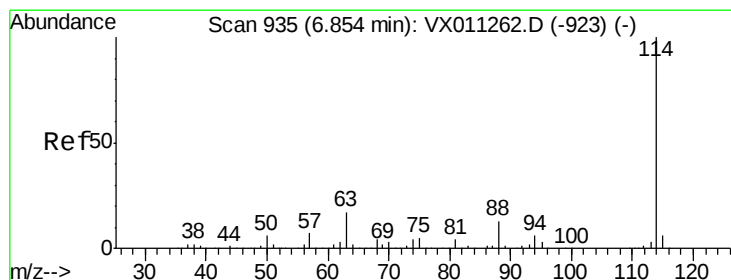
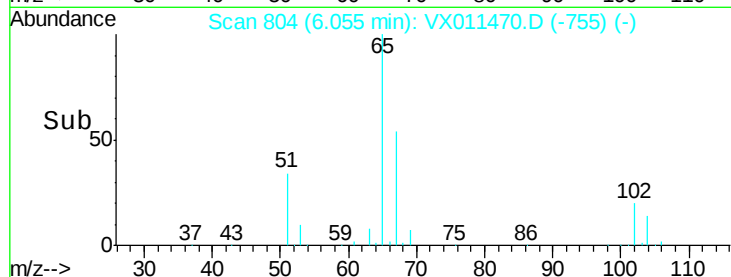
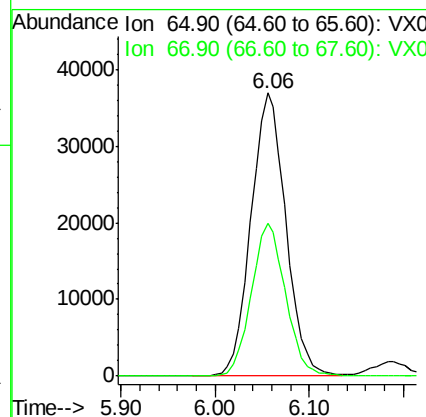
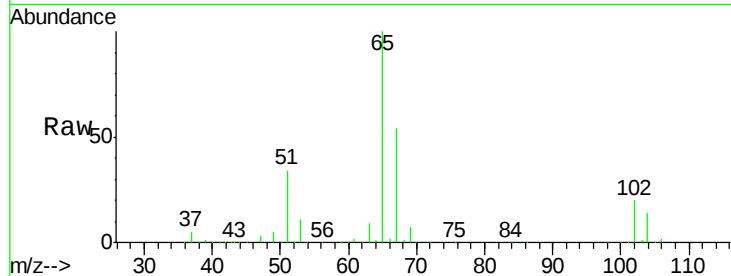
#33
 1,2-Dichloroethane-d4
 Concen: 60.218 ug/l
 RT: 6.06 min Scan# 804
 Delta R.T. 0.00 min
 Lab File: VX011470.D
 Acq: 12 Aug 2019 07:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
65	100		
67	53.1	0.0	110.6

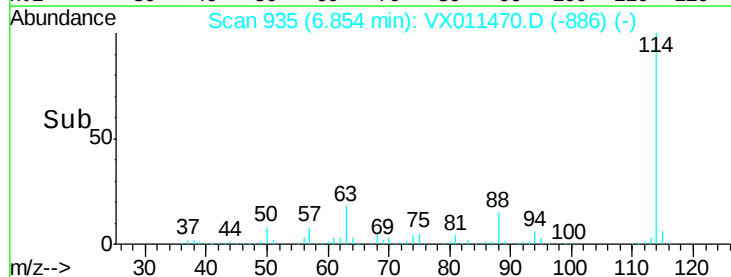
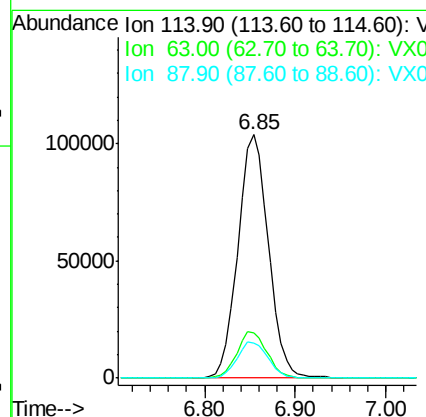
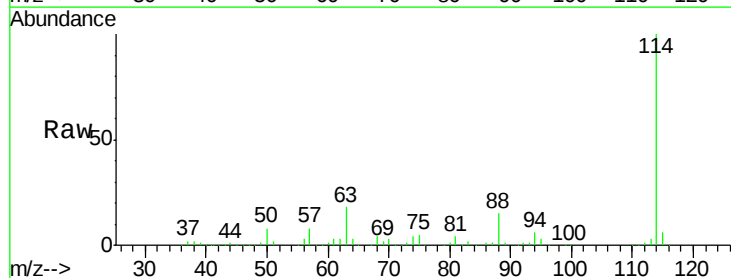
Manual Integrations
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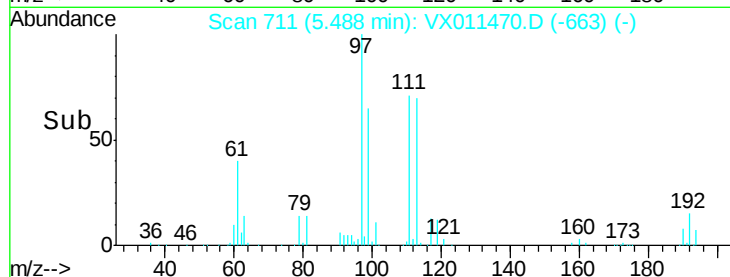
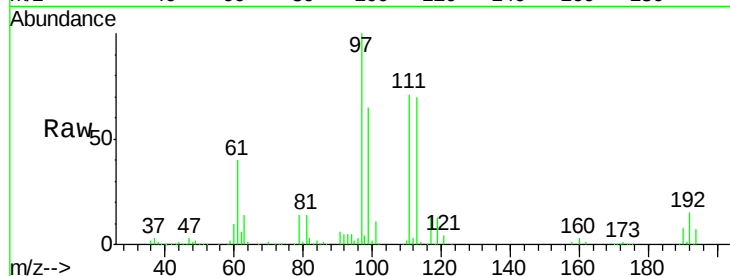
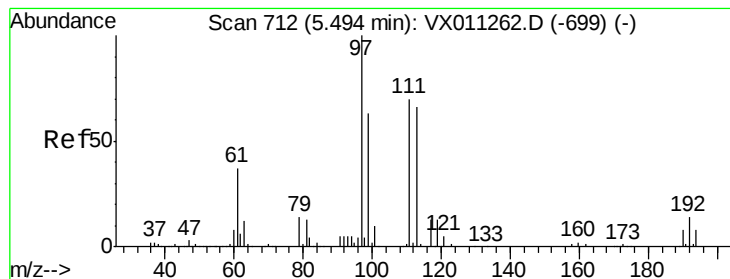
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. 0.00 min
 Lab File: VX011470.D
 Acq: 12 Aug 2019 07:24

Tgt Ion	Ratio	Lower	Upper
114	100		
63	18.3	0.0	34.0
88	14.6	0.0	26.4





#35

Dibromofluoromethane

Concen: 53.279 ug/l

RT: 5.49 min Scan# 711

Delta R.T. -0.01 min

Lab File: VX011470.D

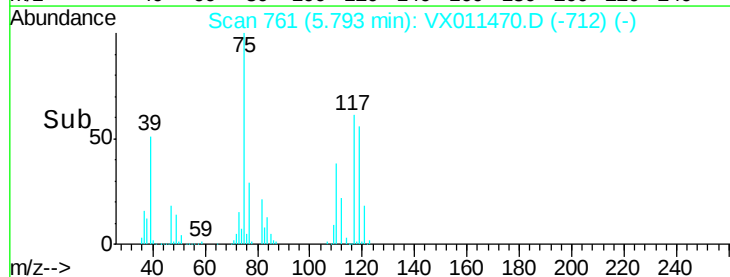
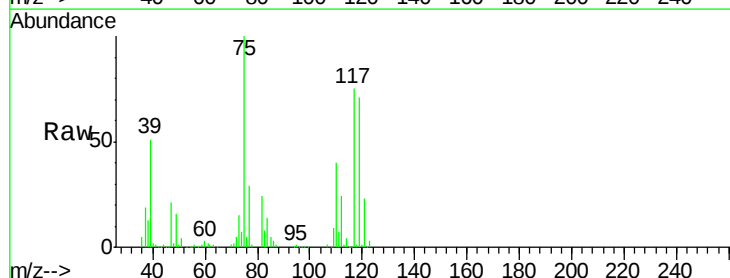
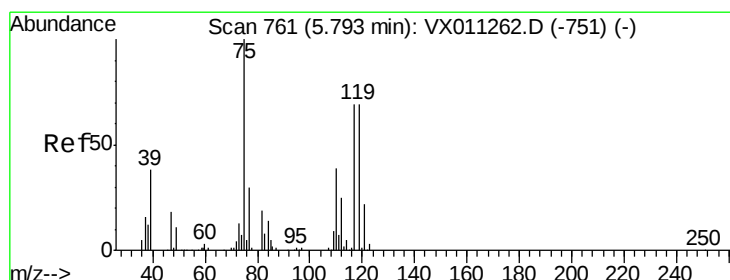
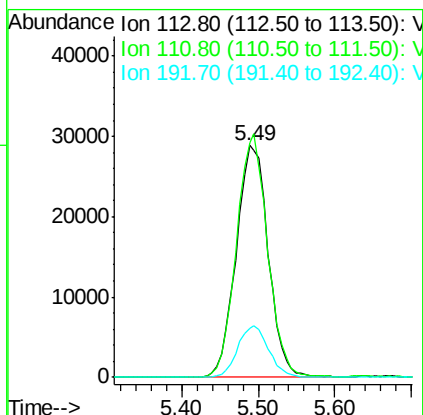
Acq: 12 Aug 2019 07:24

Tot Ion:	113	Resp:	84136
Ion	Ratio	Lower	Upper
113	100		
111	101.6	81.9	122.9
192	21.4	17.8	26.8

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

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#36

1,1-Dichloropropene

Concen: 46.630 ug/l

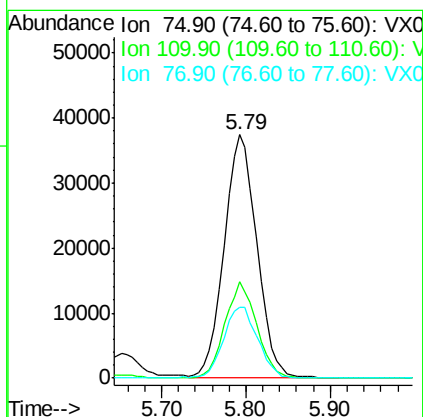
RT: 5.79 min Scan# 761

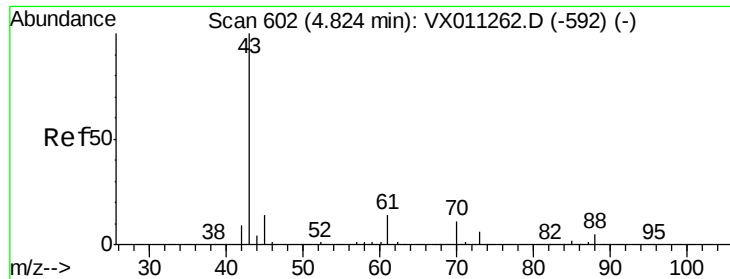
Delta R.T. 0.00 min

Lab File: VX011470.D

Acq: 12 Aug 2019 07:24

Tgt Ion:	75	Resp:	98472
Ion	Ratio	Lower	Upper
75	100		
110	38.6	20.0	59.9
77	30.1	24.8	37.2





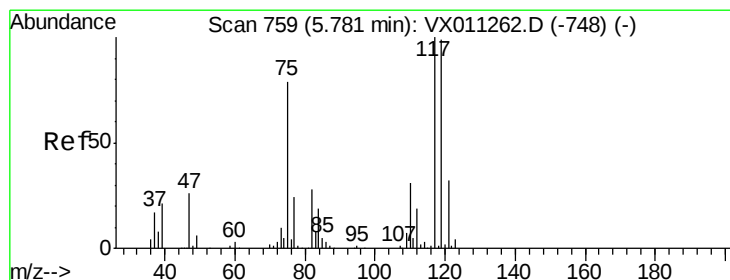
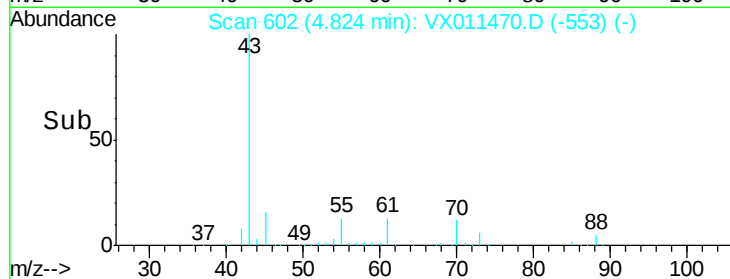
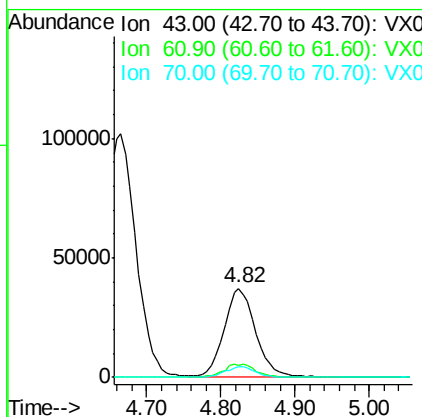
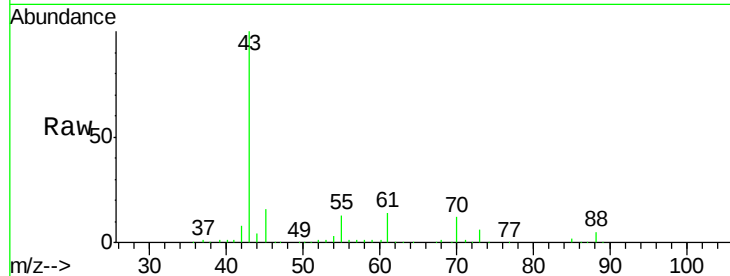
#37
Ethyl Acetate
Concen: 51.309 ug/l
RT: 4.82 min Scan# 602
Delta R.T. 0.00 min
Lab File: VX011470.D
Acq: 12 Aug 2019 07:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.5	12.6	18.8
70	11.6	9.1	13.7

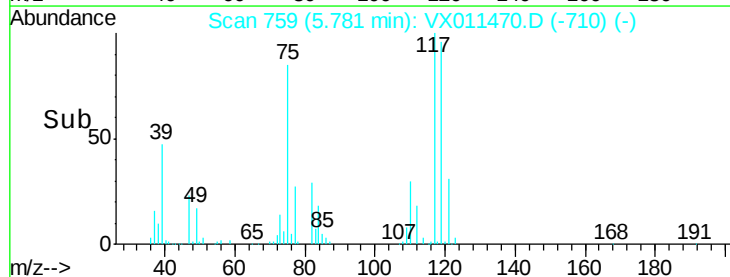
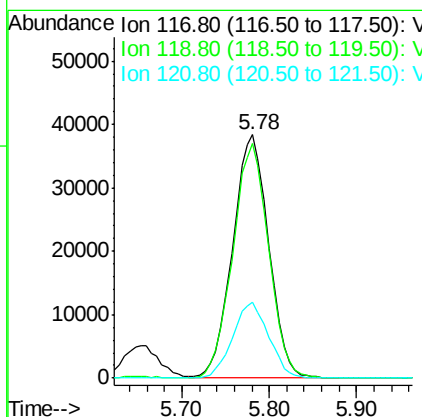
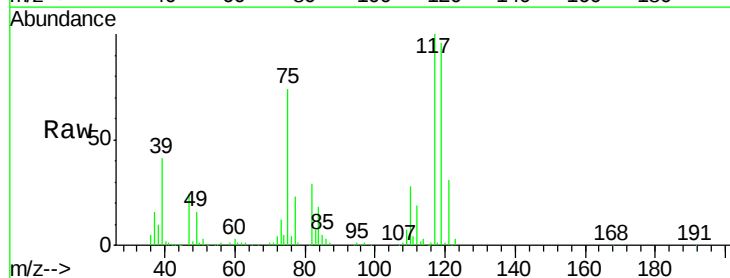
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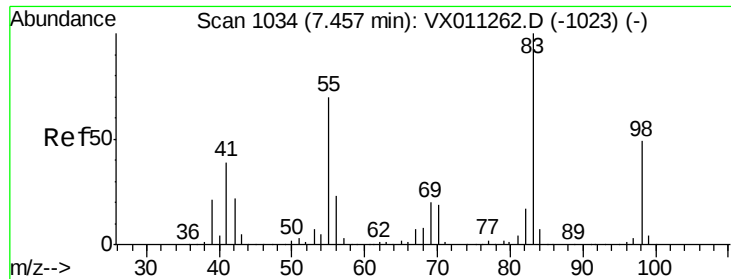
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#38
Carbon Tetrachloride
Concen: 51.775 ug/l
RT: 5.78 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX011470.D
Acq: 12 Aug 2019 07:24

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.4	79.0	118.4
121	31.0	25.9	38.9





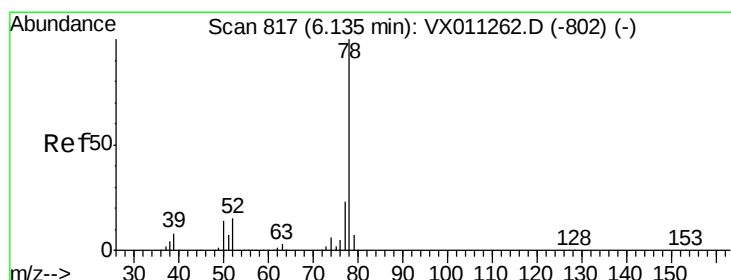
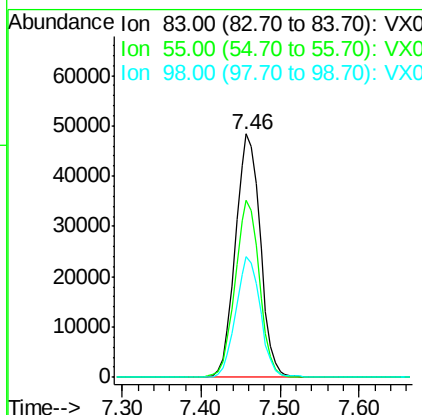
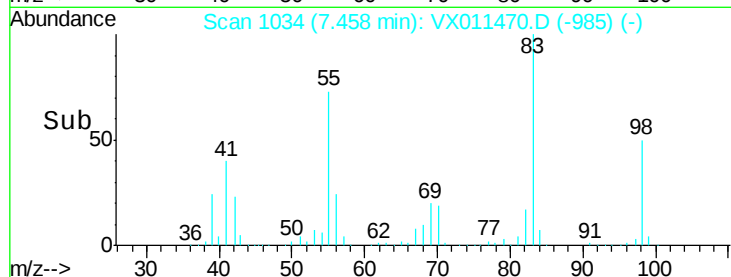
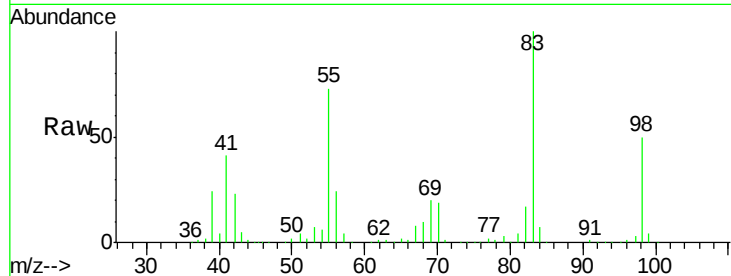
#39
Methvlcvclohexane
Concen: 42.374 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. 0.00 min
Lab File: VX011470.D
Acq: 12 Aug 2019 07:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	83	Resp	106070
Ion	Ratio	Lower	Upper
83	100		
55	72.6	56.1	84.1
98	49.7	39.0	58.4

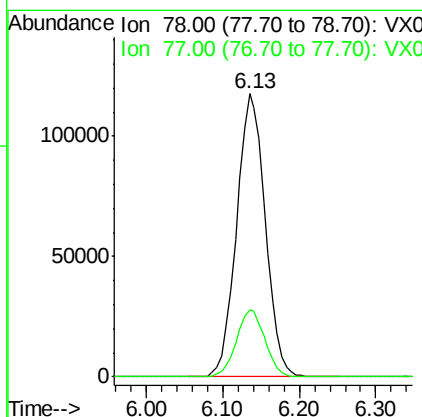
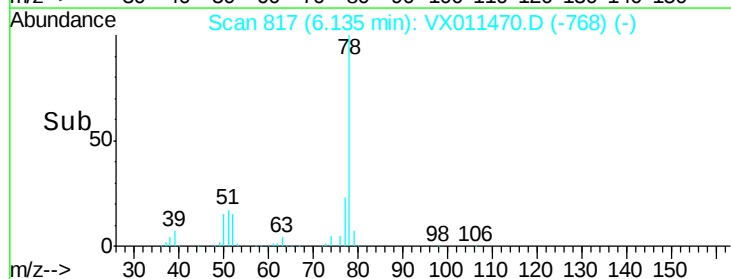
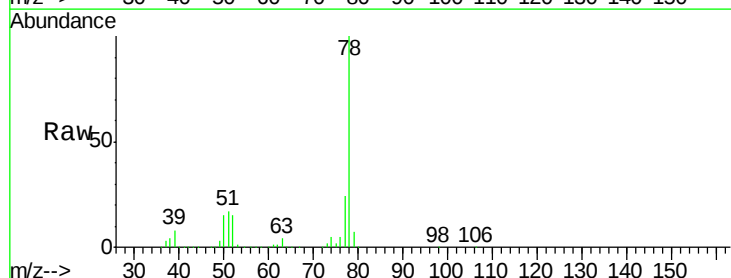
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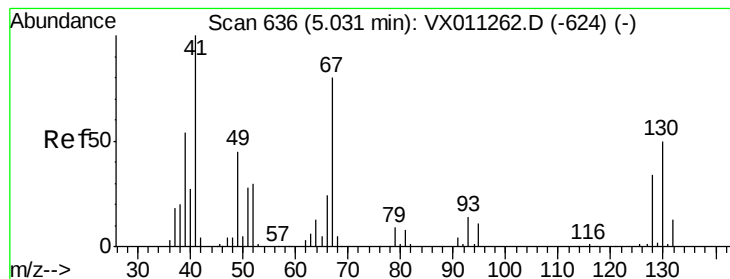
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#40
Benzene
Concen: 48.393 ug/l
RT: 6.13 min Scan# 817
Delta R.T. 0.00 min
Lab File: VX011470.D
Acq: 12 Aug 2019 07:24

Tgt Ion	78	Resp	304961
Ion	Ratio	Lower	Upper
78	100		
77	23.8	18.2	27.2





#41

Methacrylonitrile

Concen: 51.003 ug/l

RT: 5.03 min Scan# 636

Delta R.T. 0.00 min

Lab File: VX011470.D

Acq: 12 Aug 2019 07:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 41 Resp: 59003

Ion Ratio Lower Upper

41 100

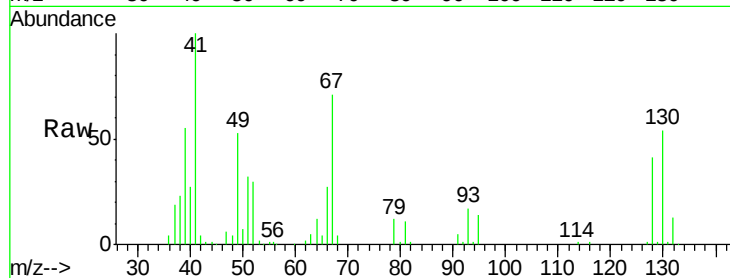
39 56.1 43.0 64.6

67 77.8 65.1 97.7

52 31.8 24.8 37.2

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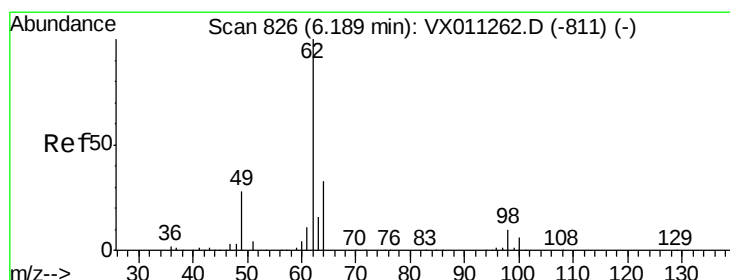
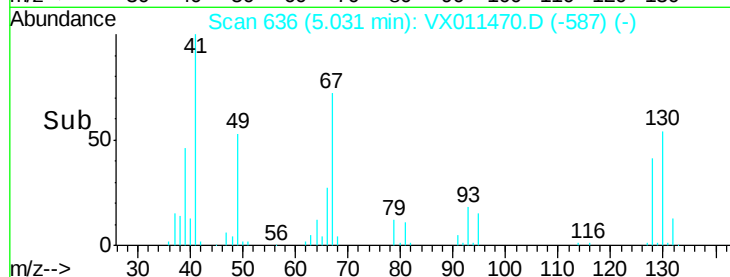
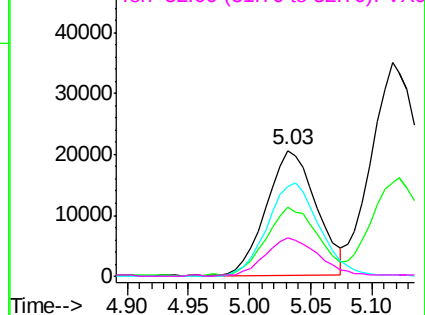


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 53.061 ug/l

RT: 6.18 min Scan# 825

Delta R.T. -0.01 min

Lab File: VX011470.D

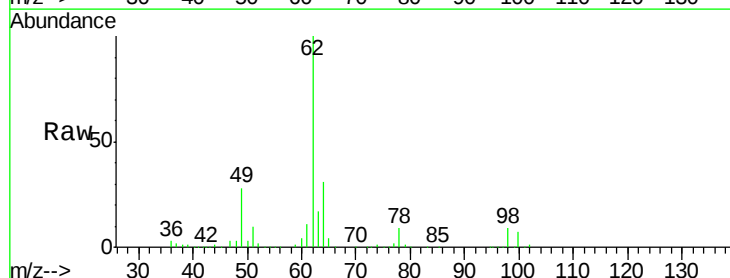
Acq: 12 Aug 2019 07:24

Tgt Ion: 62 Resp: 113069

Ion Ratio Lower Upper

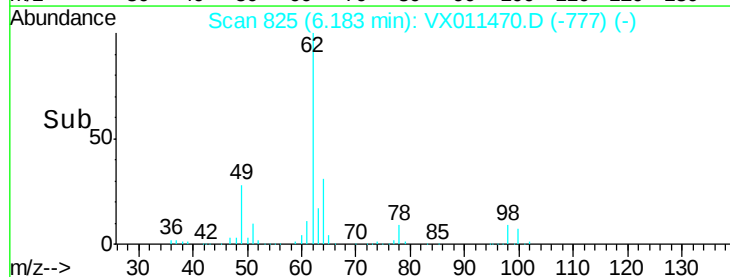
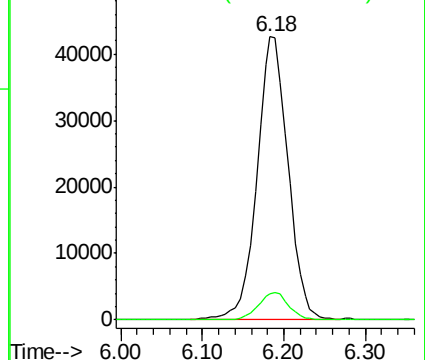
62 100

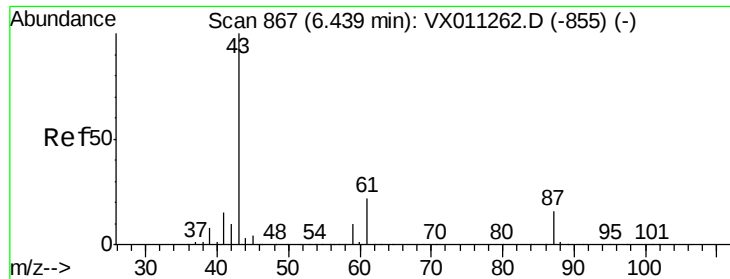
98 9.3 0.0 20.6



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 51.541 ug/l

RT: 6.44 min Scan# 867

Delta R.T. 0.00 min

Lab File: VX011470.D

Acq: 12 Aug 2019 07:24

Instrument :

MSVOA_X

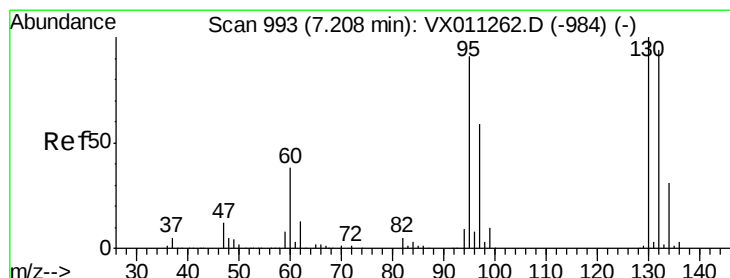
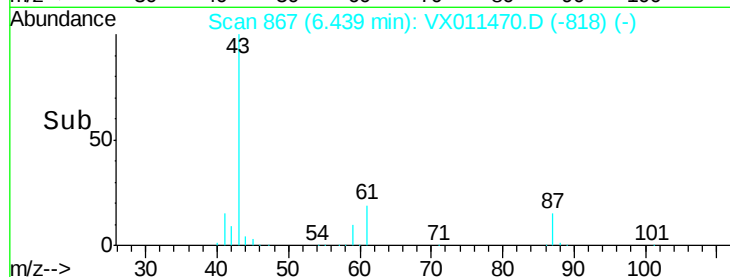
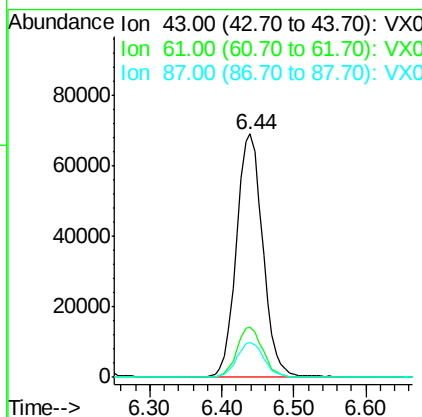
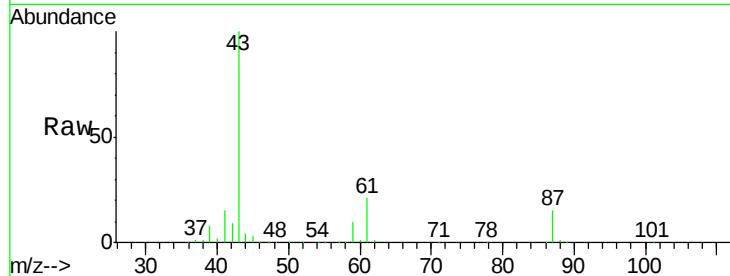
ClientSampleId :

VSTDCCC050EC

Tot Ion:	43	Resp:	174552
Ion	Ratio	Lower	Upper
43	100		
61	20.4	16.5	24.7
87	14.8	12.1	18.1

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#44

Trichloroethene

Concen: 45.360 ug/l

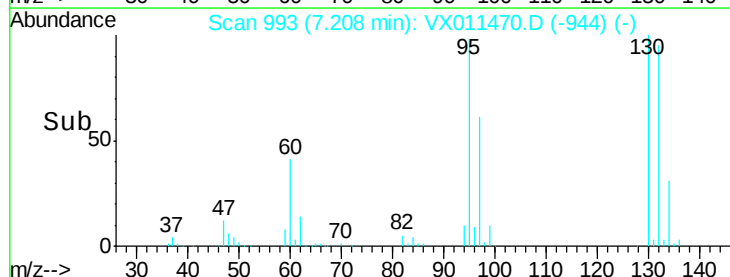
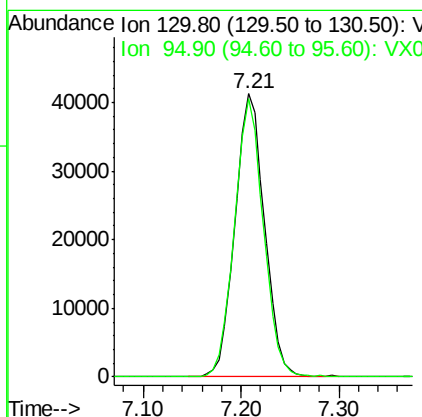
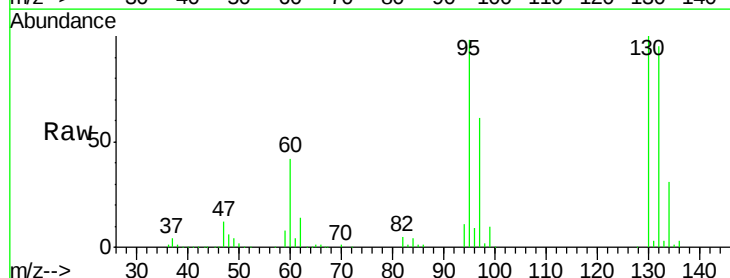
RT: 7.21 min Scan# 993

Delta R.T. 0.00 min

Lab File: VX011470.D

Acq: 12 Aug 2019 07:24

Tgt Ion:	130	Resp:	86522
Ion	Ratio	Lower	Upper
130	100		
95	98.3	0.0	182.6





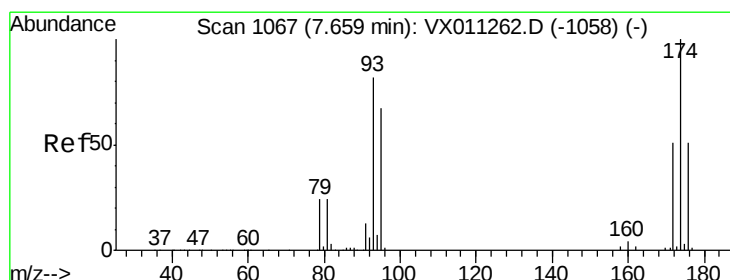
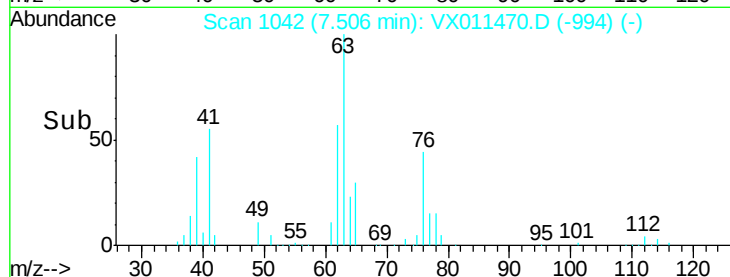
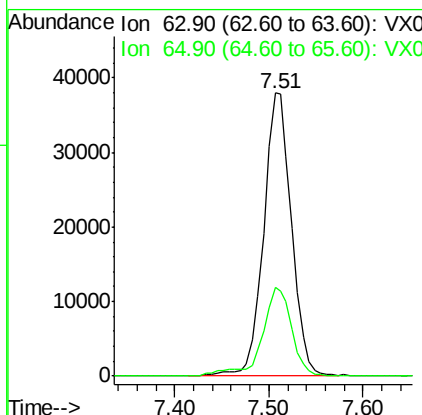
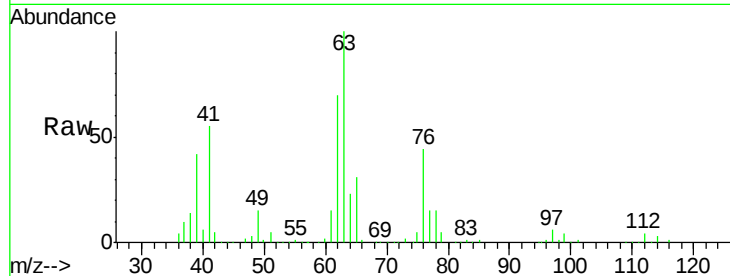
#45
 1,2-Dichloropropane
 Concen: 48.376 ug/l
 RT: 7.51 min Scan# 1042
 Delta R.T. -0.01 min
 Lab File: VX011470.D
 Acq: 12 Aug 2019 07:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 63 Resp: 78952
 Ion Ratio Lower Upper
 63 100
 65 31.3 23.3 34.9

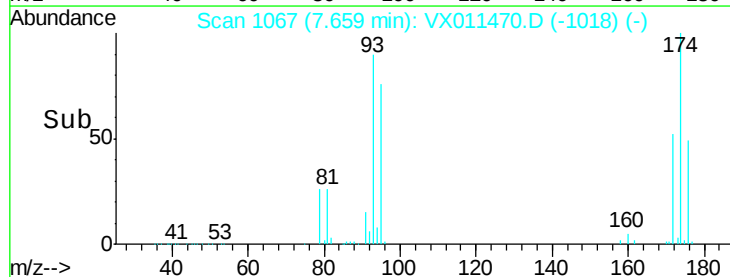
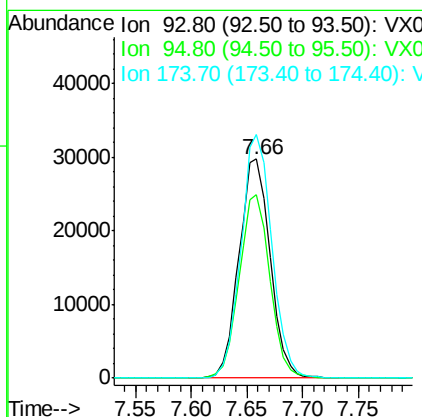
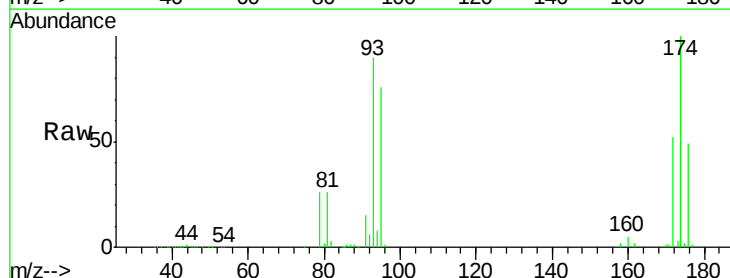
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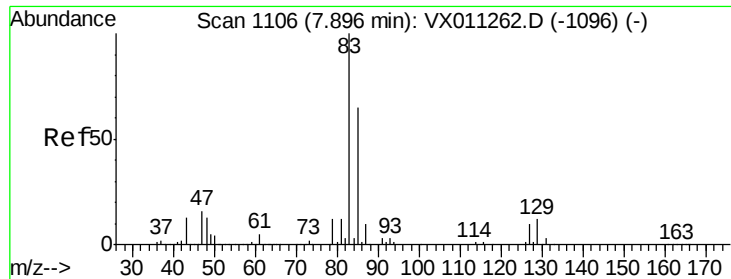
MMDadoda
 8/12/2019 10:29:51 AM



#46
 Dibromomethane
 Concen: 48.685 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: VX011470.D
 Acq: 12 Aug 2019 07:24

Tgt Ion: 93 Resp: 58004
 Ion Ratio Lower Upper
 93 100
 95 82.9 66.4 99.6
 174 110.5 93.4 140.2





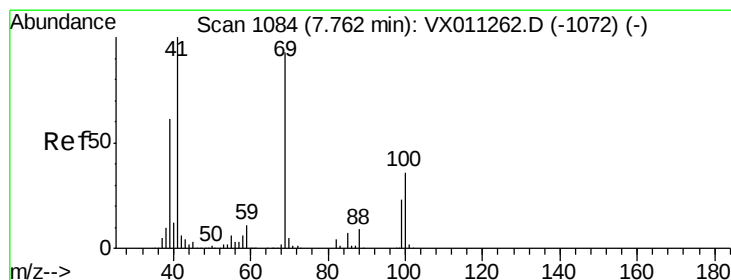
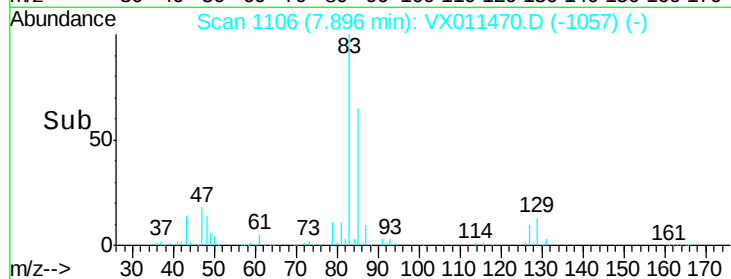
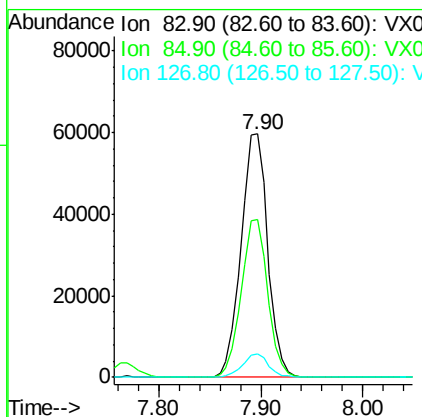
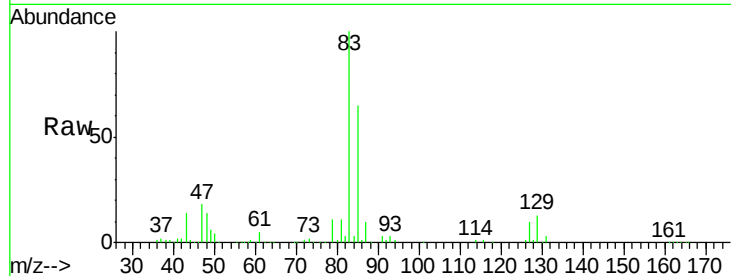
#47
Bromodichloromethane
Concen: 53.676 ug/l
RT: 7.90 min Scan# 1106
Delta R.T. 0.00 min
Lab File: VX011470.D
Acq: 12 Aug 2019 07:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
85	64.8	52.2	78.2	
127	9.6	7.8	11.8	

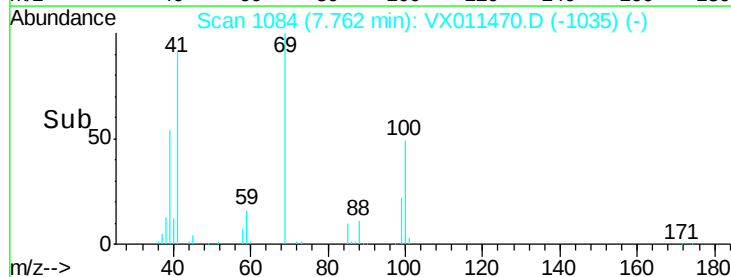
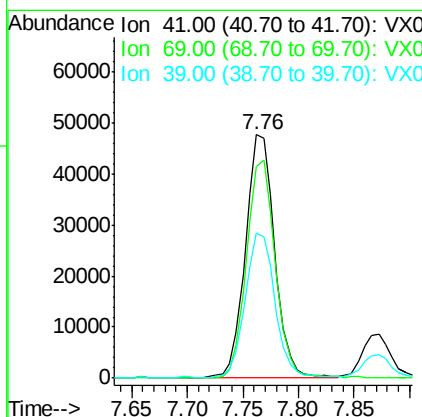
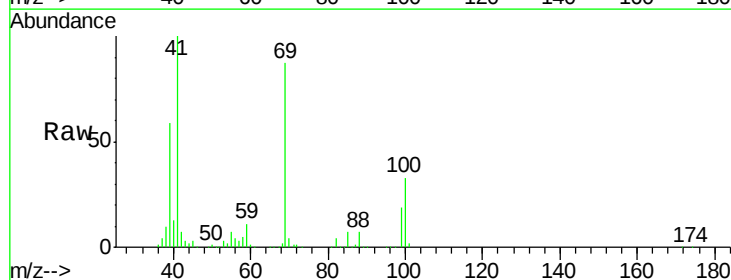
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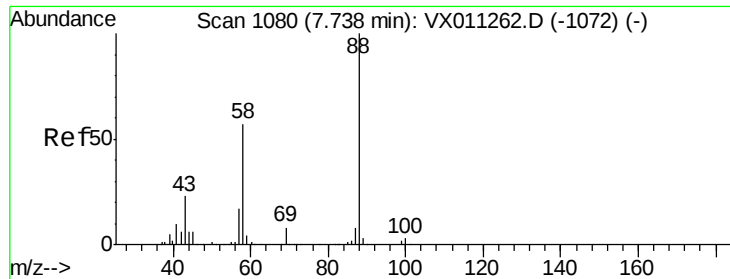
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#48
Methyl methacrylate
Concen: 54.874 ug/l
RT: 7.76 min Scan# 1084
Delta R.T. 0.00 min
Lab File: VX011470.D
Acq: 12 Aug 2019 07:24

Tgt Ion	Ratio	Resp	Lower	Upper
41	100			
69	88.8	74.5	111.7	
39	59.9	48.6	72.8	





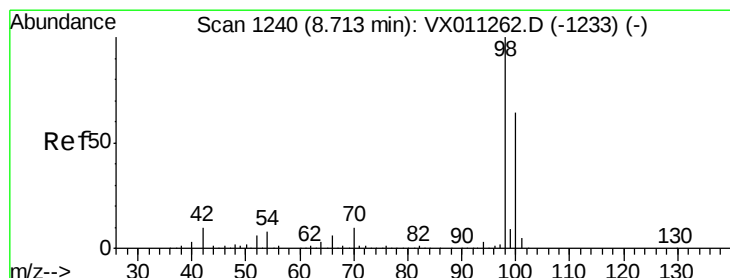
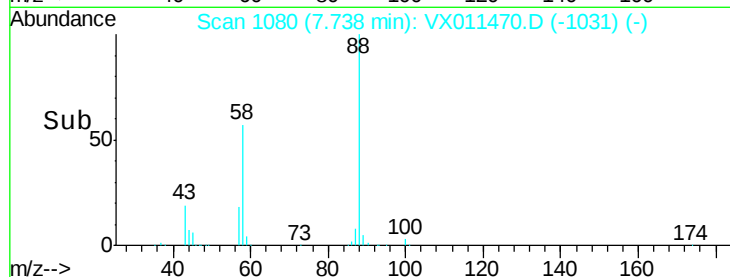
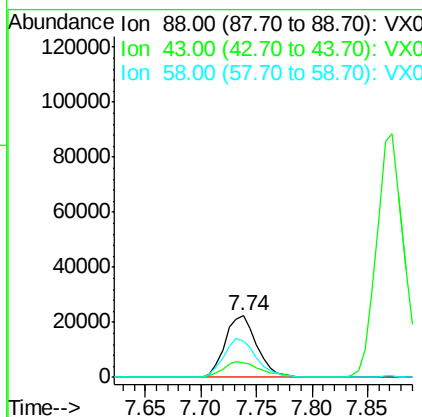
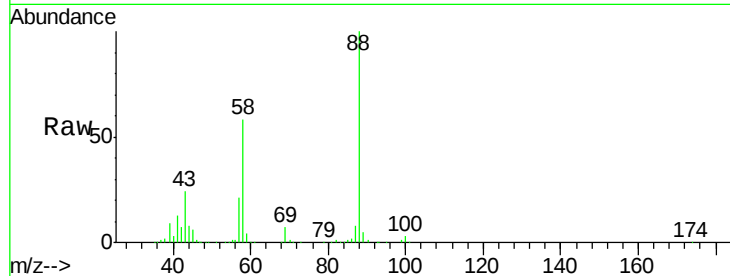
#49
 1,4-Dioxane
 Concen: 963.689 ug/l
 RT: 7.74 min Scan# 1080
 Delta R.T. 0.00 min
 Lab File: VX011470.D
 Acq: 12 Aug 2019 07:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	29.6	22.2	33.2
58	64.3	47.8	71.8

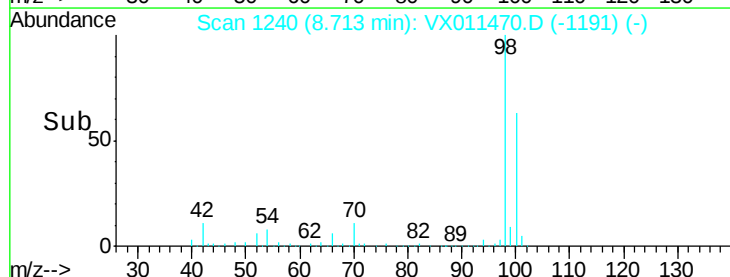
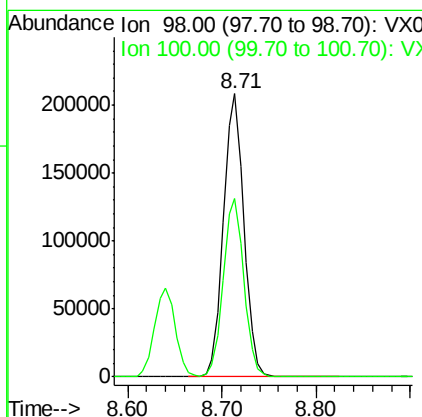
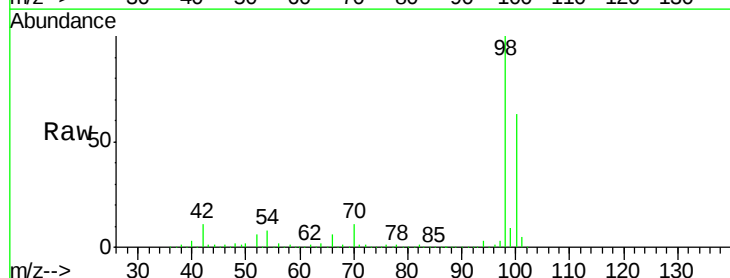
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#50
 Toluene-d8
 Concen: 52.461 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VX011470.D
 Acq: 12 Aug 2019 07:24

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.7	51.7	77.5





#51

4-Methyl-2-Pentanone

Concen: 273.436 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. 0.00 min

Lab File: VX011470.D

Acq: 12 Aug 2019 07:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 597627

Ion Ratio Lower Upper

43 100

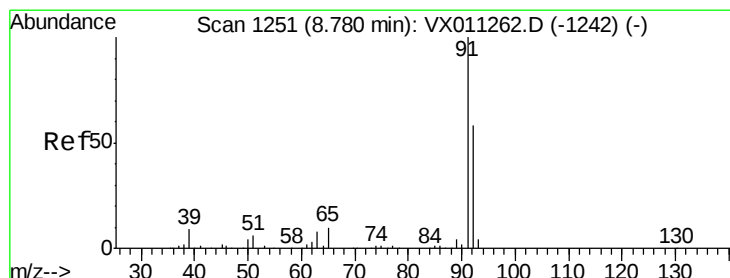
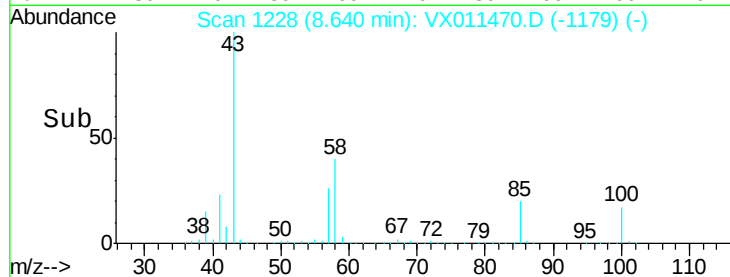
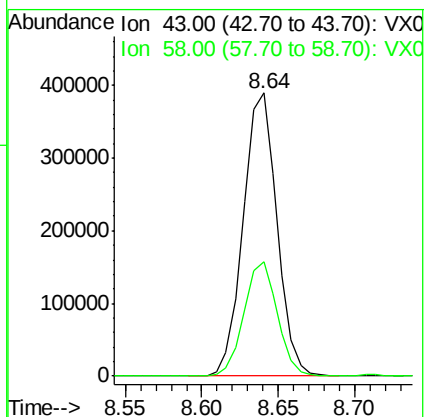
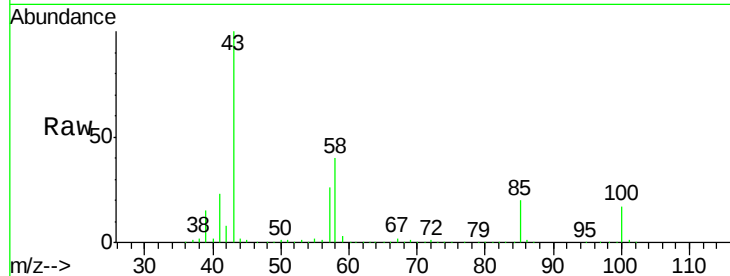
58 39.9 32.3 48.5

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#52

Toluene

Concen: 48.572 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. 0.00 min

Lab File: VX011470.D

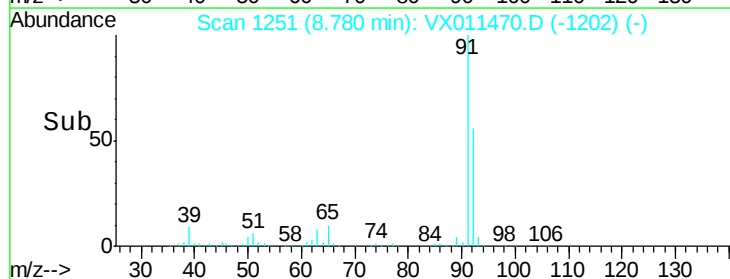
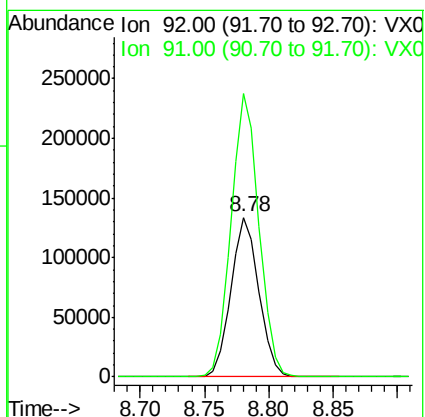
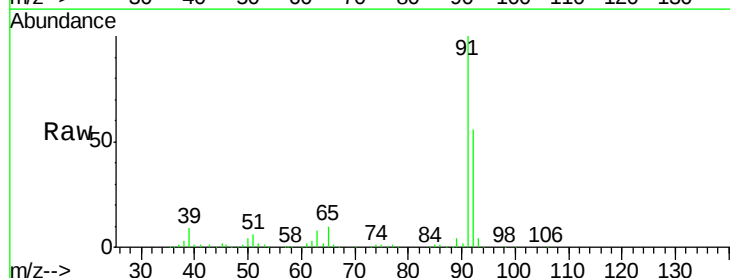
Acq: 12 Aug 2019 07:24

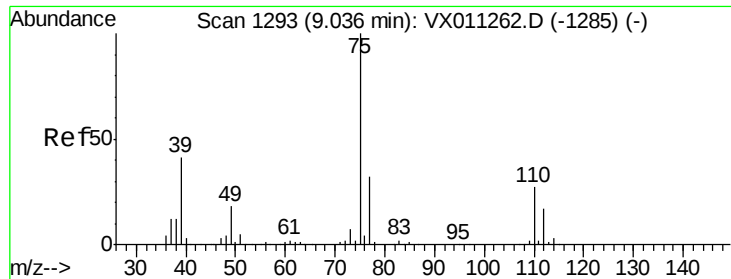
Tgt Ion: 92 Resp: 202377

Ion Ratio Lower Upper

92 100

91 176.6 139.4 209.0





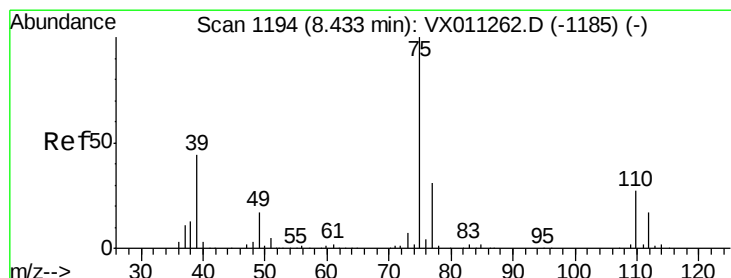
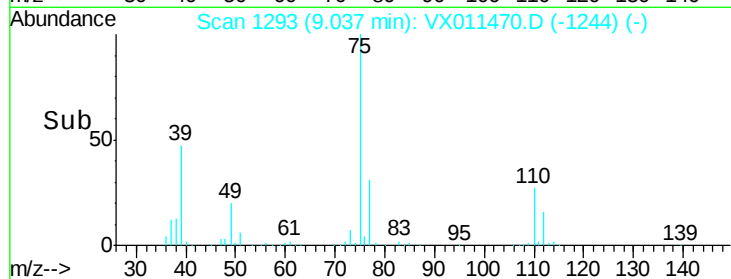
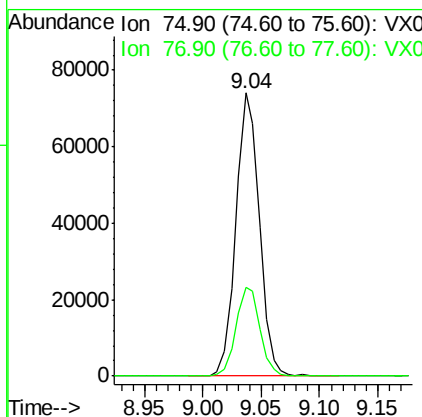
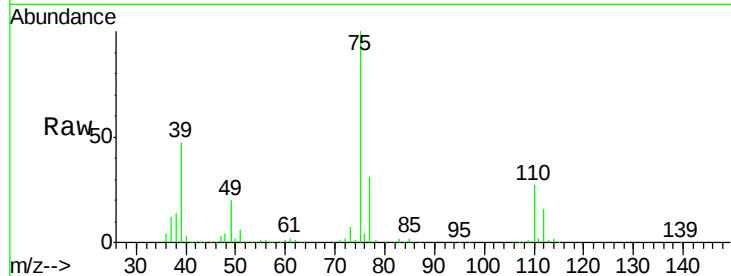
#53
t-1,3-Dichloropropene
Concen: 44.732 ug/l
RT: 9.04 min Scan# 1293
Delta R.T. 0.00 min
Lab File: VX011470.D
Acq: 12 Aug 2019 07:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 75 Resp: 104338
Ion Ratio Lower Upper
75 100
77 31.4 25.4 38.0

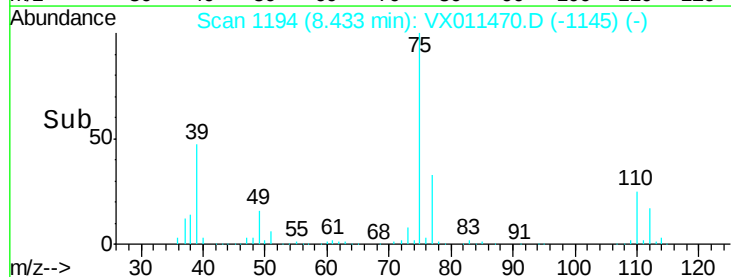
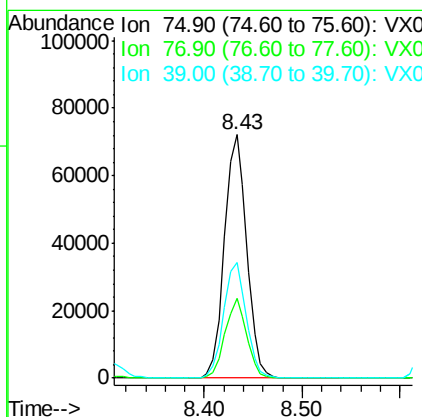
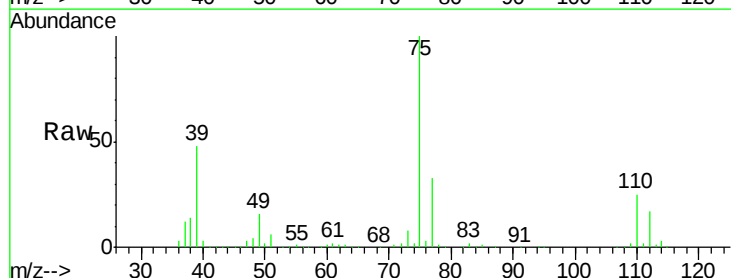
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#54
cis-1,3-Dichloropropene
Concen: 48.430 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. 0.00 min
Lab File: VX011470.D
Acq: 12 Aug 2019 07:24

Tgt Ion: 75 Resp: 114115
Ion Ratio Lower Upper
75 100
77 32.9 25.0 37.6
39 47.5 35.3 52.9





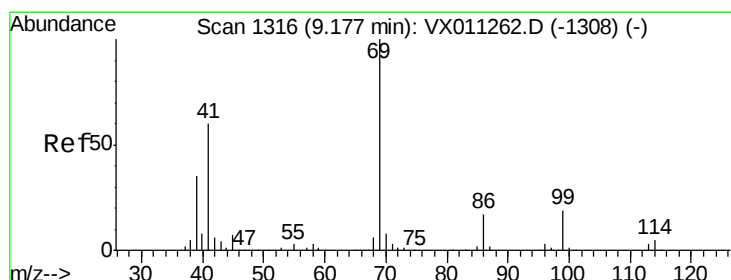
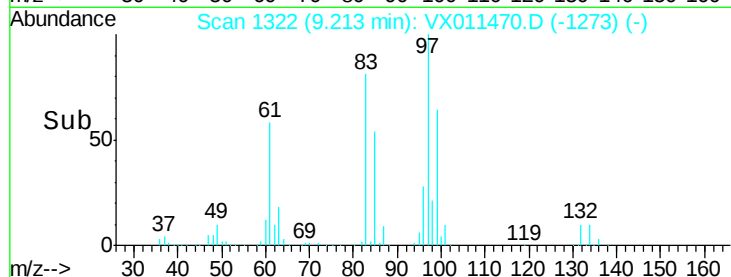
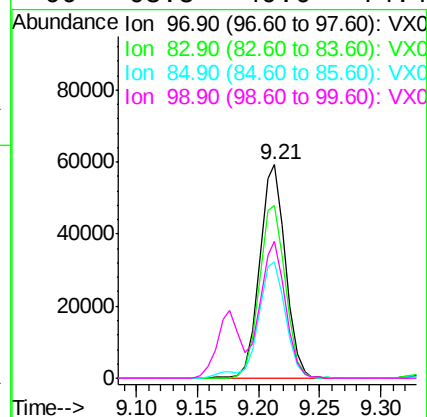
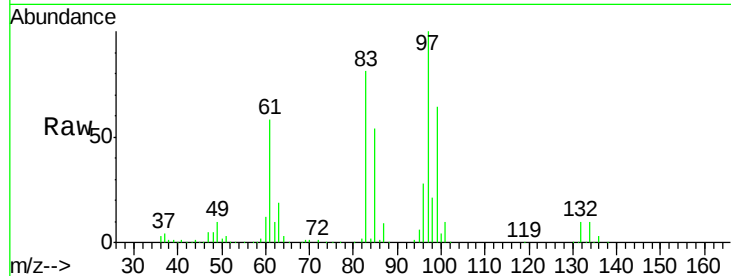
#55
 1,1,2-Trichloroethane
 Concen: 51.131 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX011470.D
 Acq: 12 Aug 2019 07:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	87592
Ion	Ratio	Lower	Upper
97	100		
83	81.2	67.6	101.4
85	54.5	43.4	65.0
99	63.8	49.6	74.4

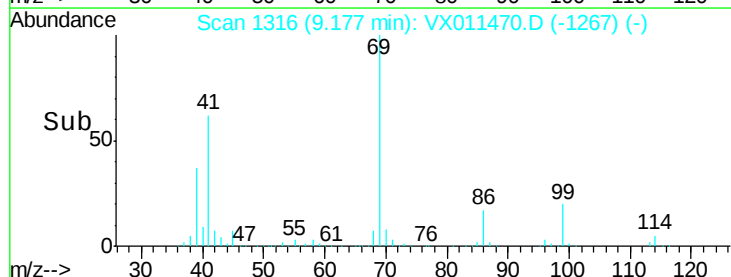
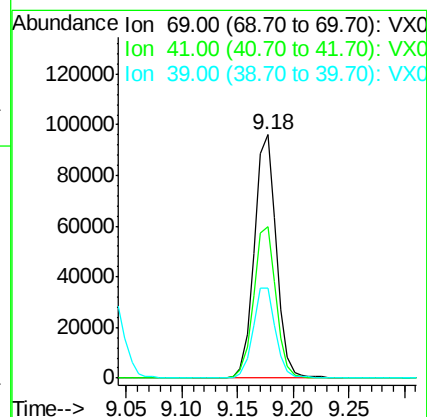
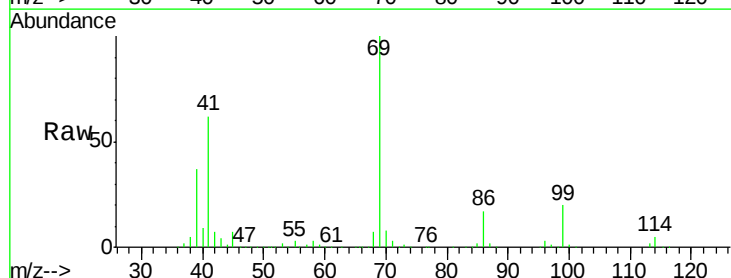
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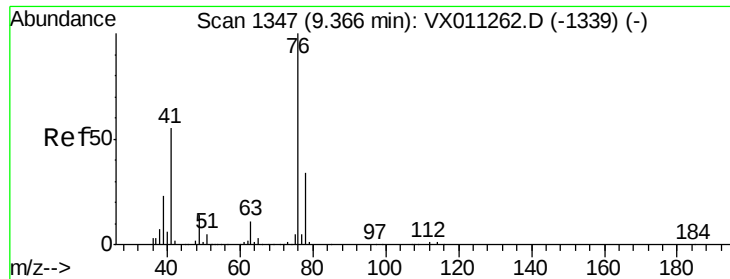
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#56
 Ethyl methacrylate
 Concen: 53.832 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX011470.D
 Acq: 12 Aug 2019 07:24

Tgt Ion:	69	Resp:	131418
Ion	Ratio	Lower	Upper
69	100		
41	63.0	48.6	73.0
39	37.8	29.4	44.2





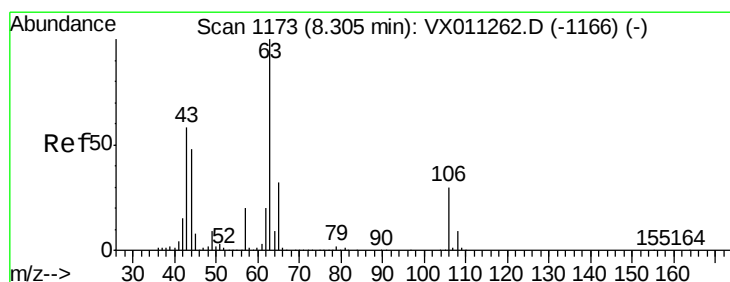
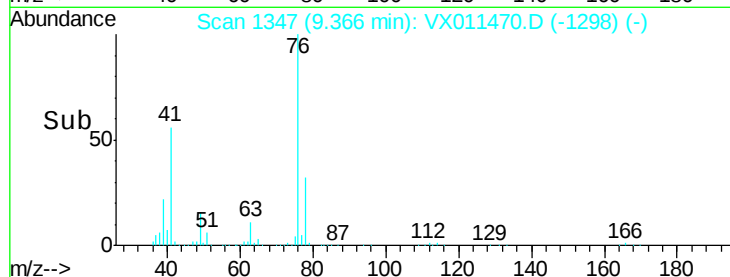
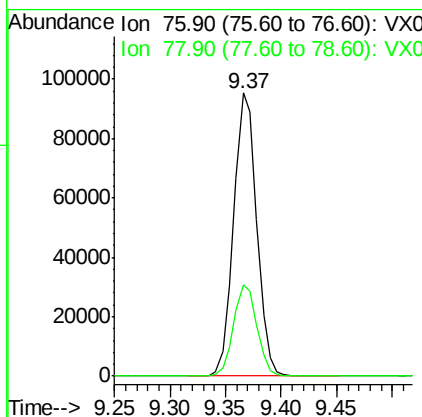
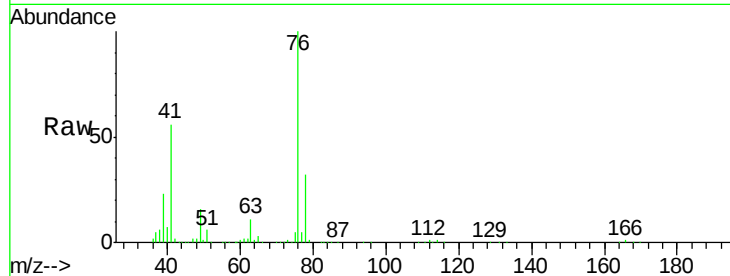
#57
 1,3-Dichloropropane
 Concen: 50.581 ug/l
 RT: 9.37 min Scan# 1347
 Delta R.T. 0.00 min
 Lab File: VX011470.D
 Acq: 12 Aug 2019 07:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 76 Resp: 137037
 Ion Ratio Lower Upper
 76 100
 78 32.6 26.6 40.0

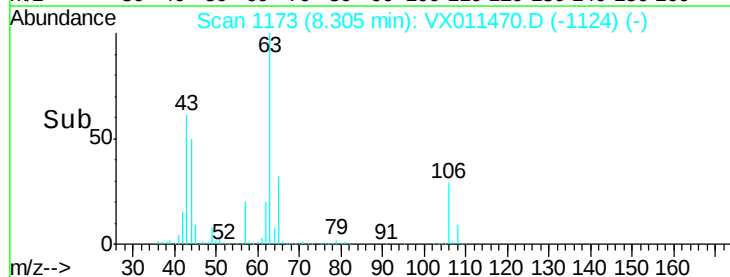
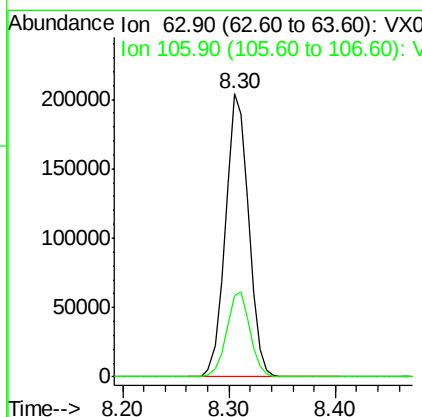
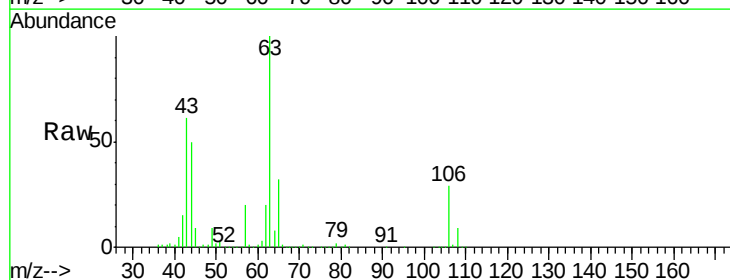
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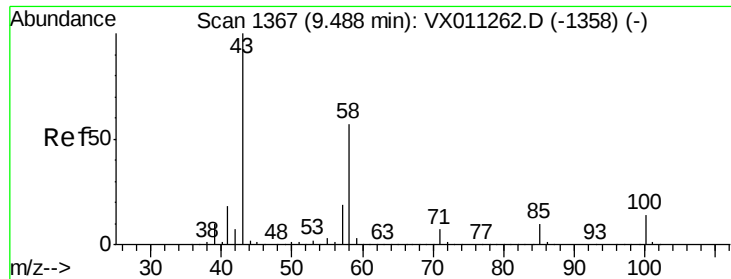
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#58
 2-Chloroethyl Vinyl ether
 Concen: 259.202 ug/l
 RT: 8.30 min Scan# 1173
 Delta R.T. 0.00 min
 Lab File: VX011470.D
 Acq: 12 Aug 2019 07:24

Tgt Ion: 63 Resp: 311131
 Ion Ratio Lower Upper
 63 100
 106 30.4 24.4 36.6





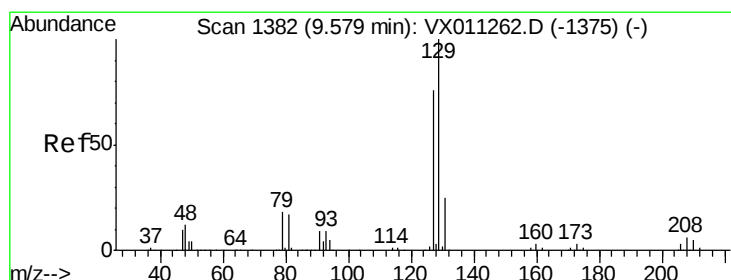
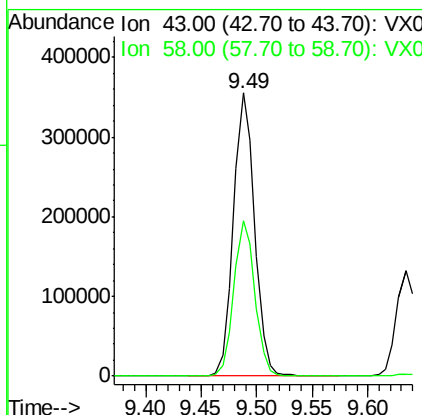
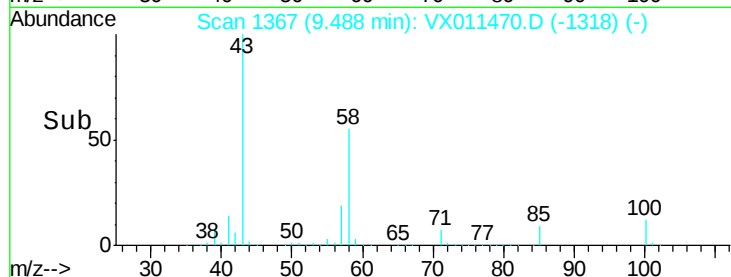
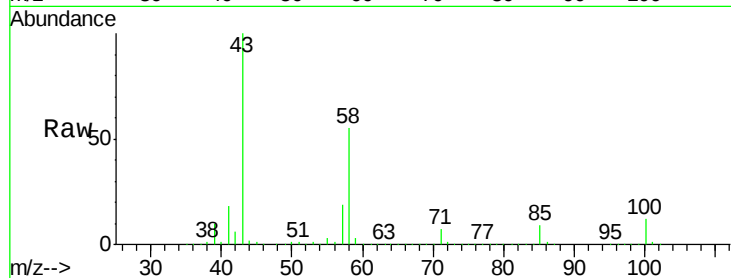
#59
2-Hexanone
Concen: 275.964 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VX011470.D
Acq: 12 Aug 2019 07:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 467179
Ion Ratio Lower Upper
43 100
58 54.9 28.2 84.6

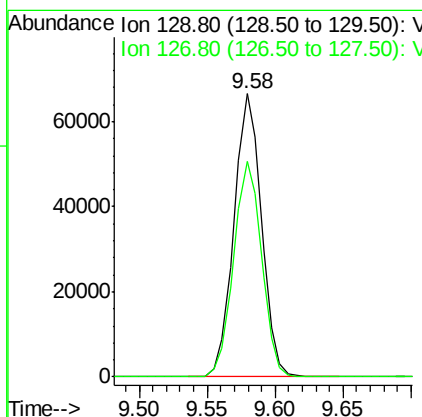
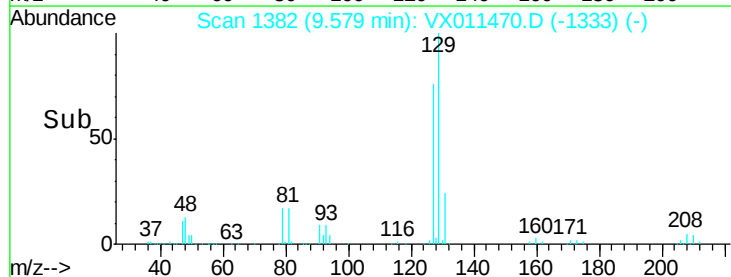
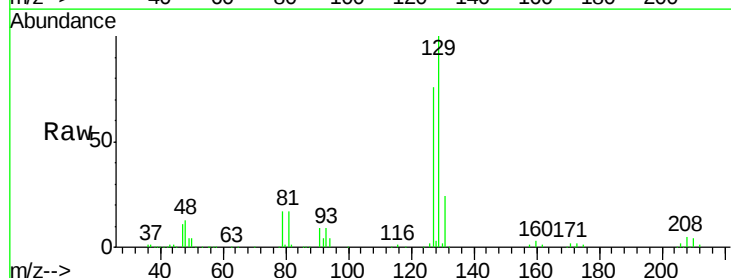
Manual Integrations
APPROVED

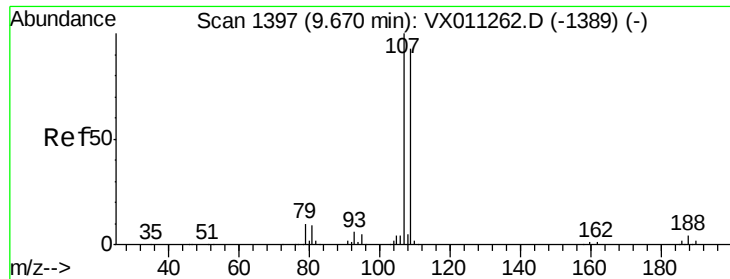
MMDadoda
8/12/2019 10:29:51 AM



#60
Dibromochloromethane
Concen: 53.454 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX011470.D
Acq: 12 Aug 2019 07:24

Tgt Ion: 129 Resp: 93752
Ion Ratio Lower Upper
129 100
127 77.4 39.2 117.6





#61

1,2-Dibromoethane

Concen: 50.989 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX011470.D

Acq: 12 Aug 2019 07:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:107 Resp: 94372

Ion Ratio Lower Upper

107 100

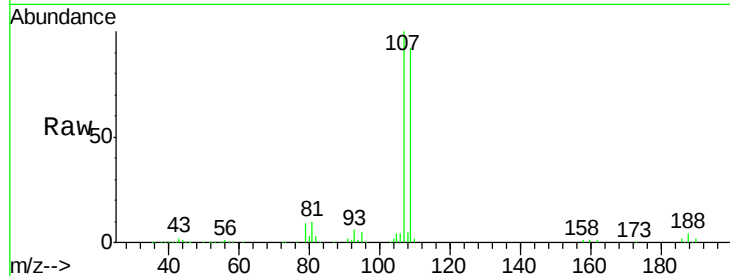
109 92.8 76.6 114.8

Manual Integrations

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

80000

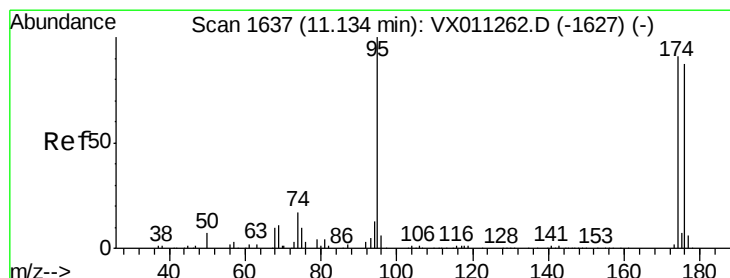
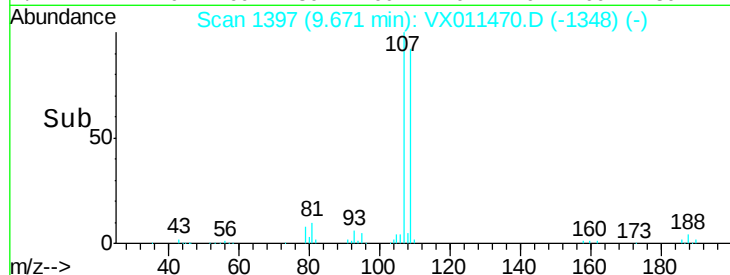
60000

40000

20000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 55.601 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX011470.D

Acq: 12 Aug 2019 07:24

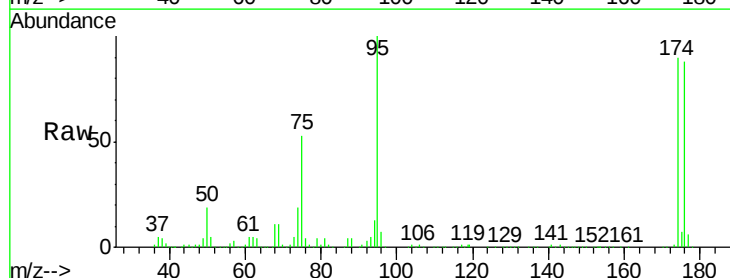
Tgt Ion: 95 Resp: 118328

Ion Ratio Lower Upper

95 100

174 90.7 0.0 191.2

176 87.8 0.0 184.8



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

120000

100000

80000

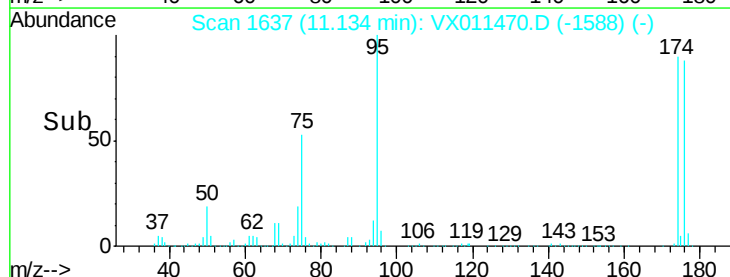
60000

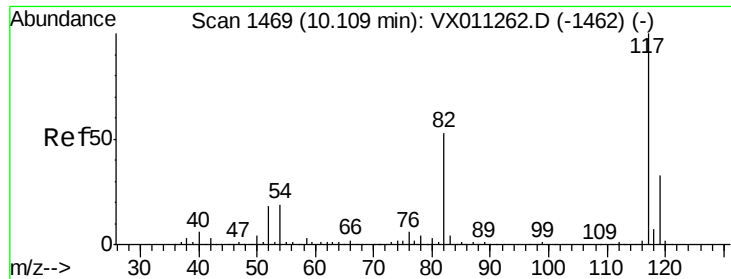
40000

20000

0

Time-->





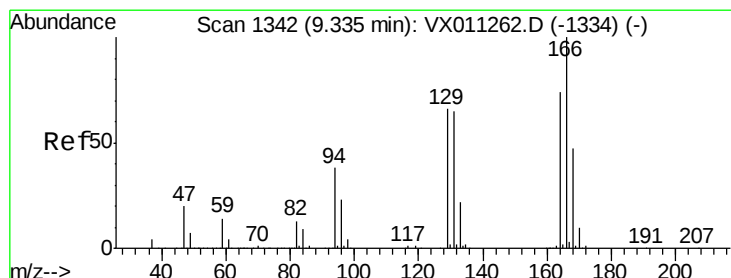
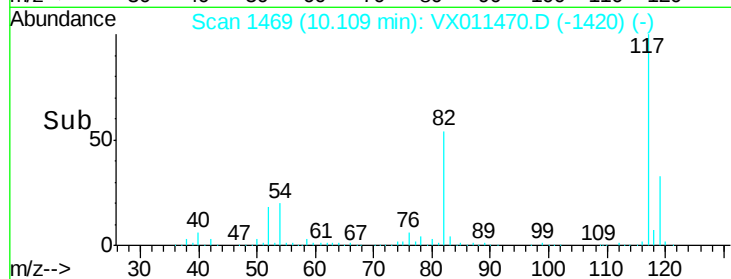
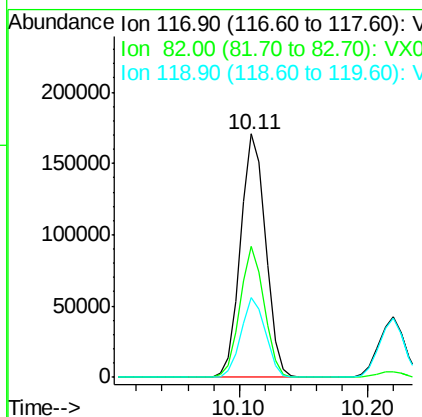
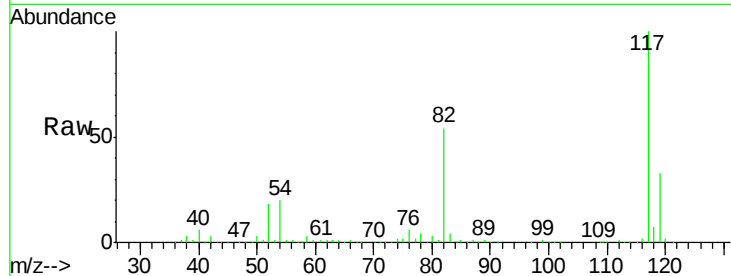
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX011470.D
Acq: 12 Aug 2019 07:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.9	42.2	63.2
119	32.5	26.6	39.8

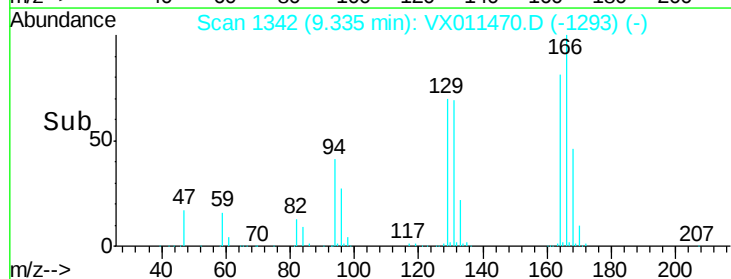
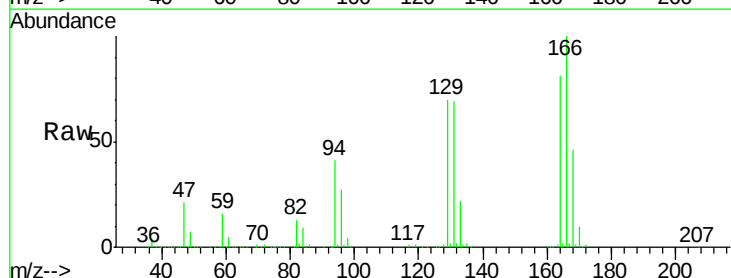
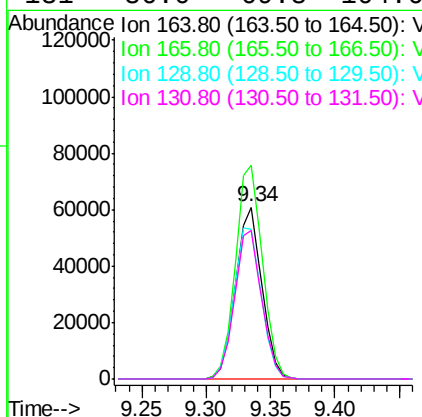
Manual Integrations
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#64
Tetrachloroethene
Concen: 44.373 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX011470.D
Acq: 12 Aug 2019 07:24

Tgt Ion	Ratio	Lower	Upper
164	100		
166	124.2	107.5	161.3
129	86.9	71.0	106.4
131	86.0	69.8	104.6





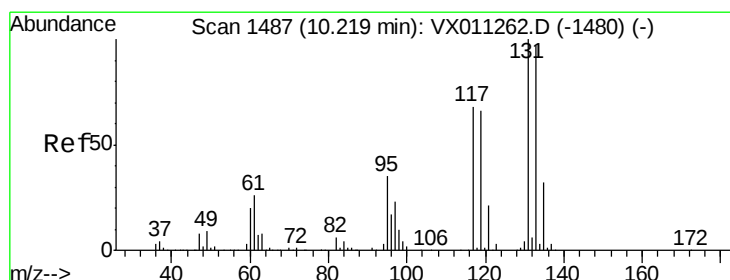
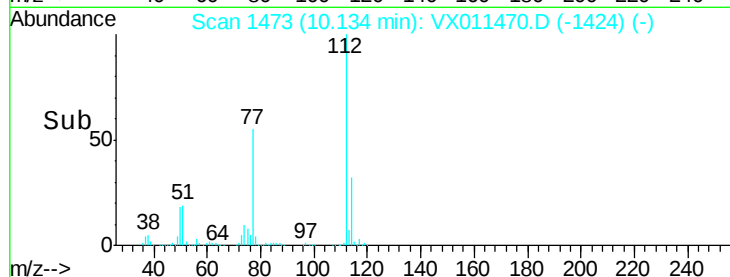
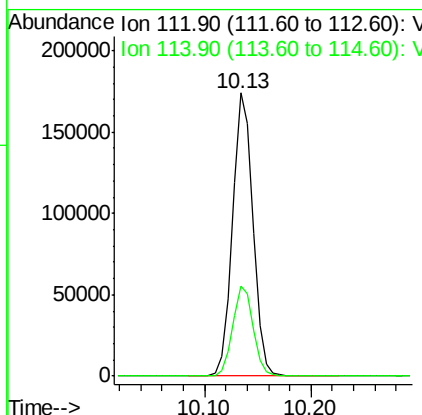
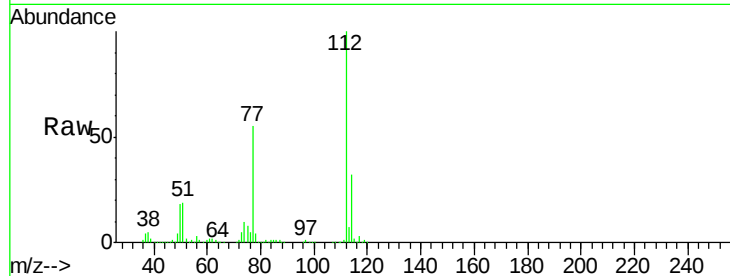
#65
Chlorobenzene
Concen: 47.615 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VX011470.D
Acq: 12 Aug 2019 07:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.9	25.9	38.9

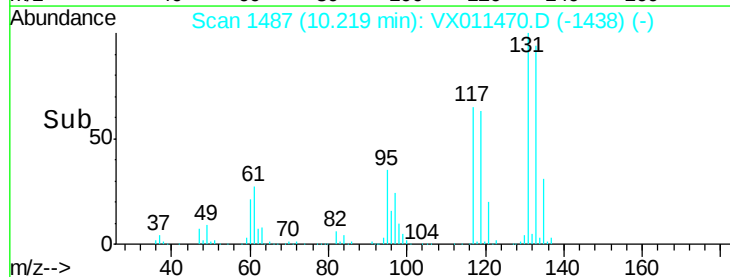
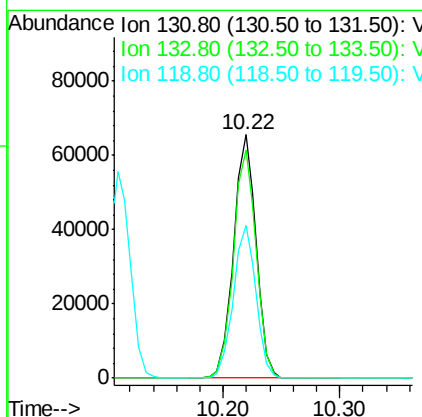
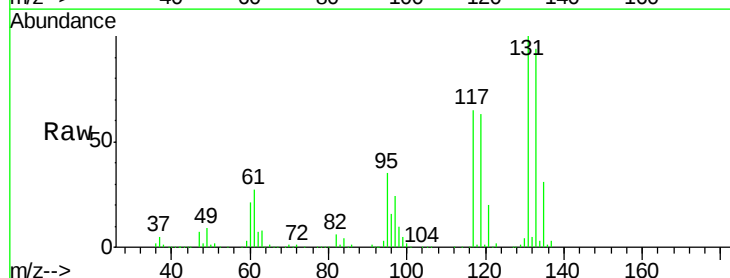
Manual Integrations
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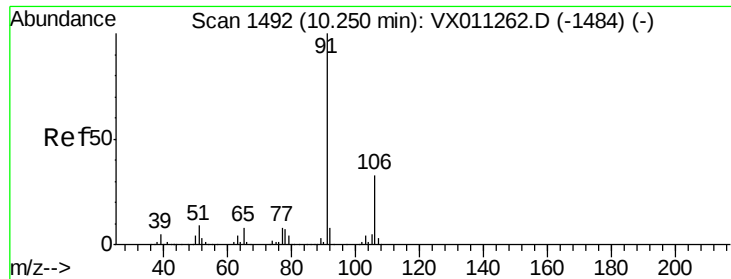
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 52.507 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX011470.D
Acq: 12 Aug 2019 07:24

Tgt Ion	Ratio	Lower	Upper
131	100		
133	94.5	47.7	143.1
119	63.0	32.8	98.3





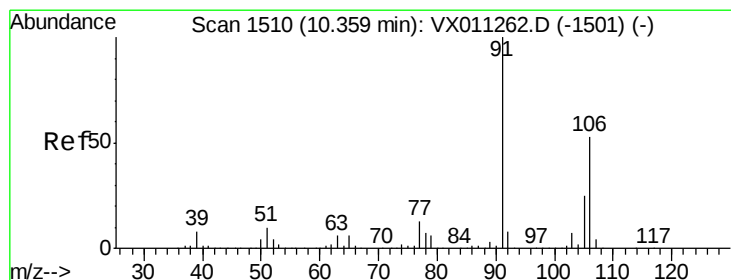
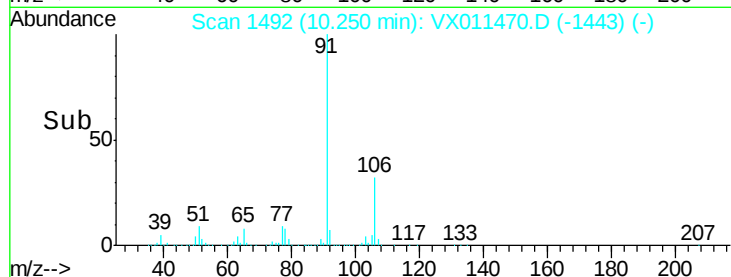
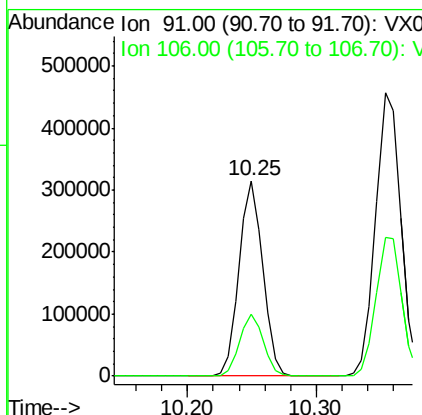
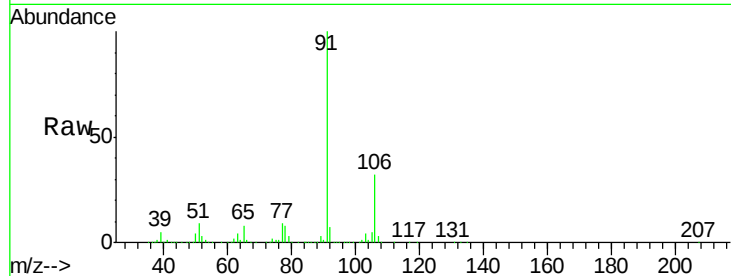
#67
Ethyl Benzene
Concen: 48.993 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX011470.D
Acq: 12 Aug 2019 07:24

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050EC

Tot Ion: 91 Resp: 403587
Ion Ratio Lower Upper
91 100
106 32.0 26.2 39.4

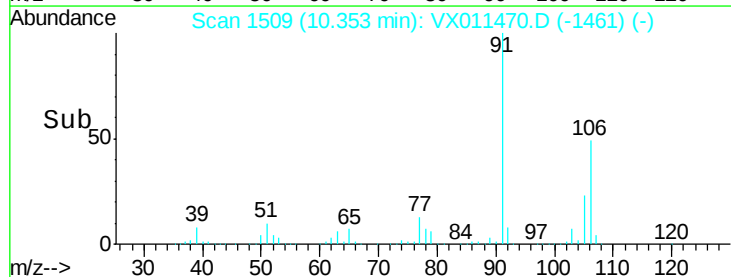
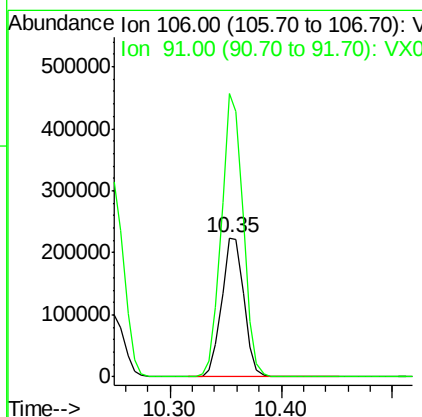
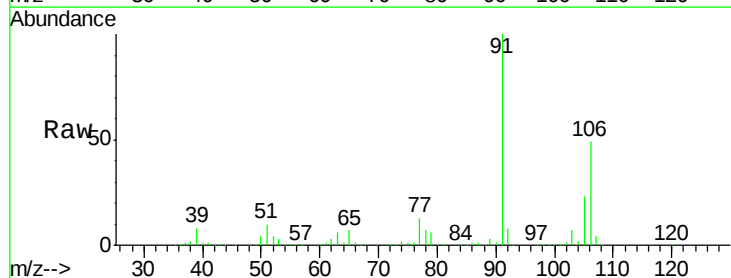
Manual Integrations
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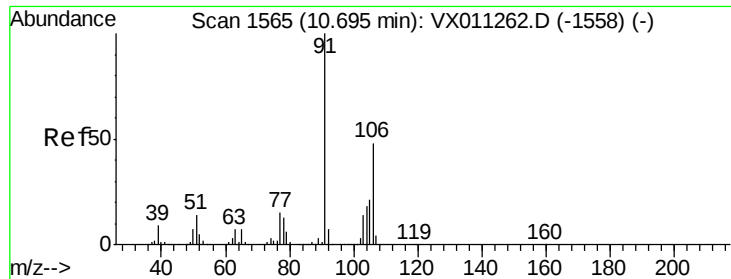
MMDadoda
8/12/2019 10:29:51 AM



#68
m/p-Xylenes
Concen: 97.136 ug/l
RT: 10.35 min Scan# 1509
Delta R.T. -0.01 min
Lab File: VX011470.D
Acq: 12 Aug 2019 07:24

Tgt Ion: 106 Resp: 309505
Ion Ratio Lower Upper
106 100
91 198.9 155.9 233.9





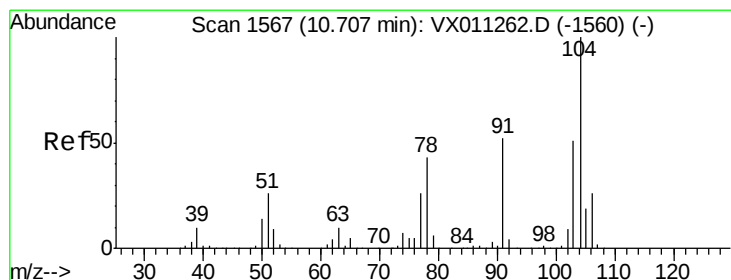
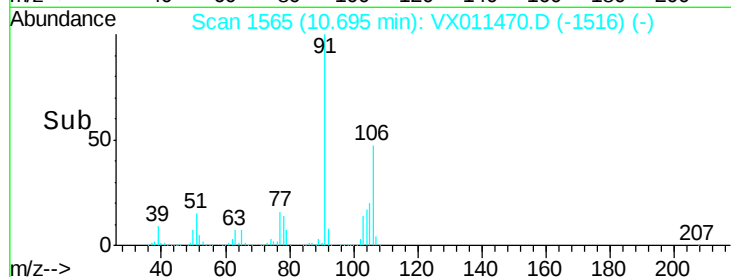
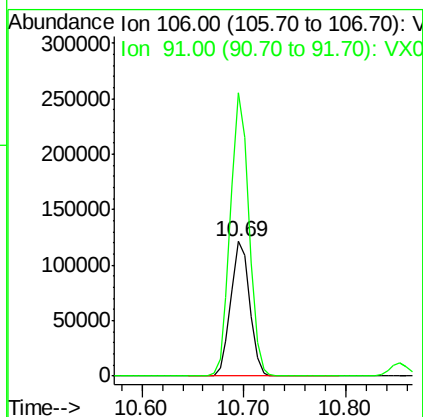
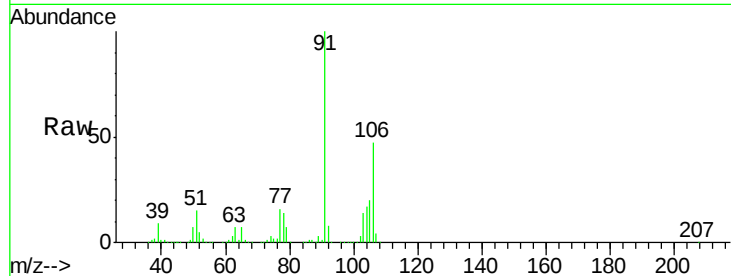
#69
o-Xylene
Concen: 49.312 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX011470.D
Acq: 12 Aug 2019 07:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100				
91	207.1	103.8	311.3		

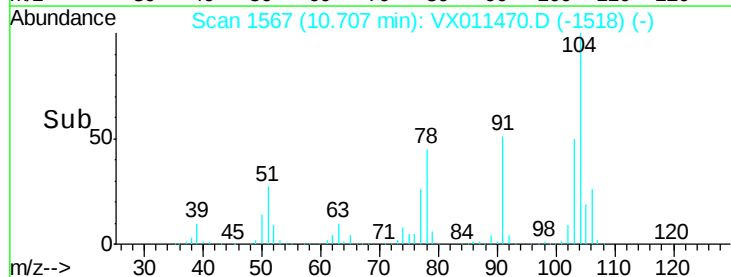
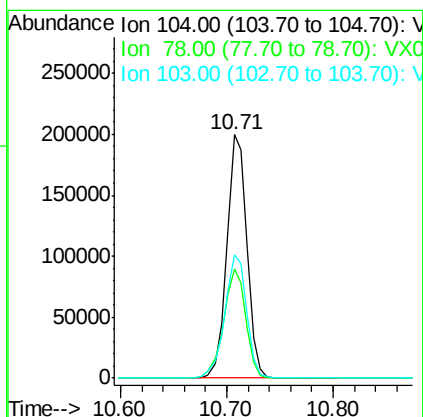
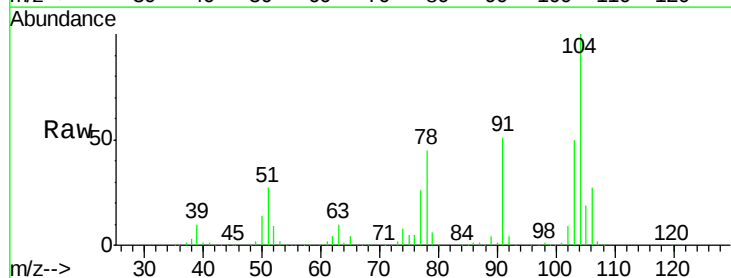
Manual Integrations
APPROVED

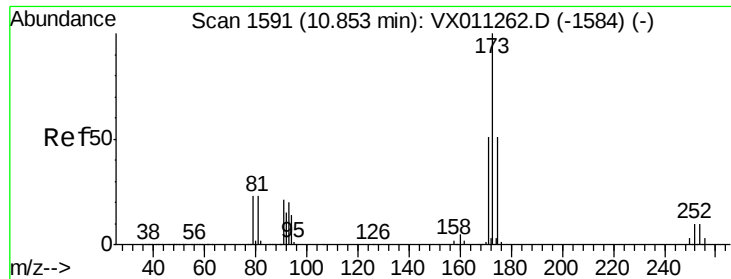
MMDadoda
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#70
Styrene
Concen: 50.867 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VX011470.D
Acq: 12 Aug 2019 07:24

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100				
78	49.2	36.9	55.3		
103	54.9	44.4	66.6		





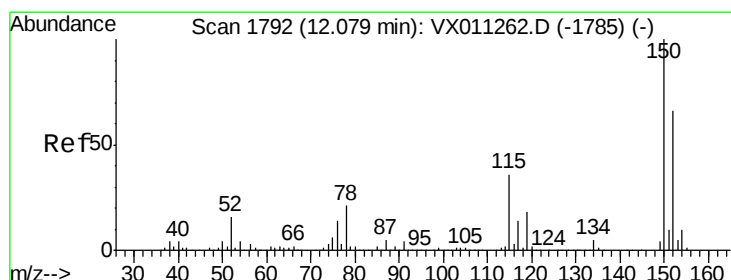
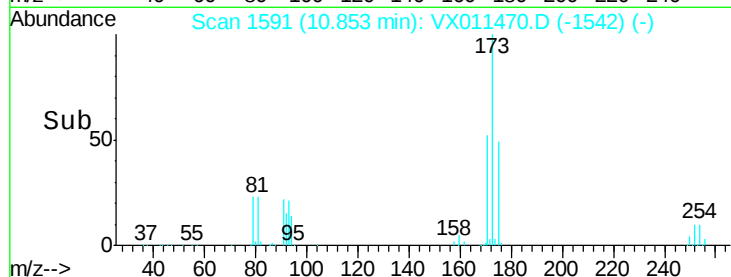
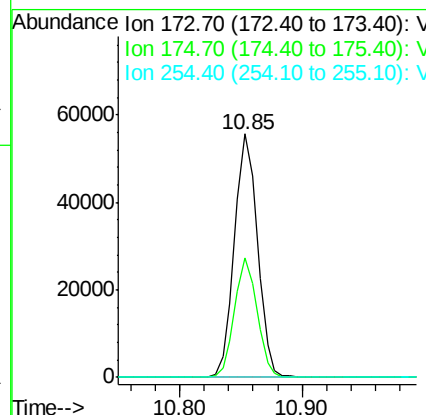
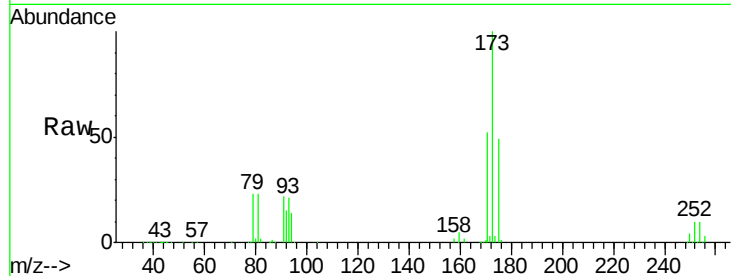
#71
Bromoform
Concen: 48.054 ug/l
RT: 10.85 min Scan# 1591
Delta R.T. 0.00 min
Lab File: VX011470.D
Acq: 12 Aug 2019 07:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.1	24.4	73.4
254	0.2	0.2	0.2

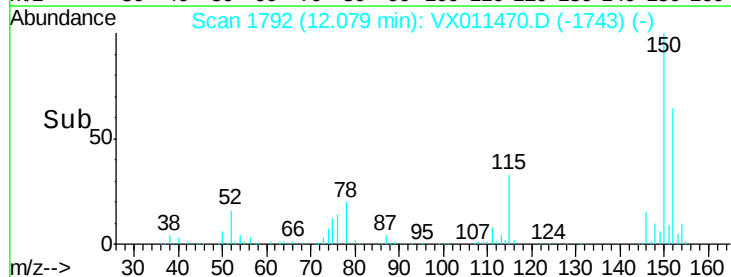
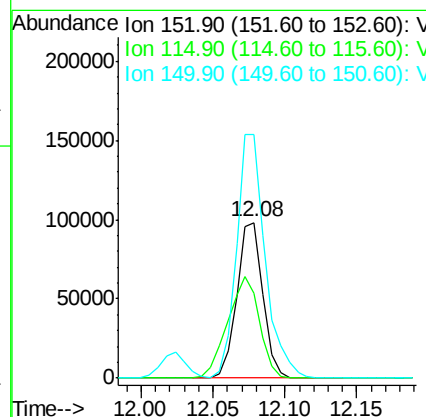
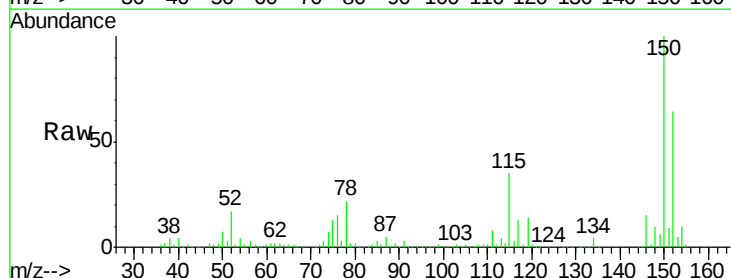
Manual Integrations
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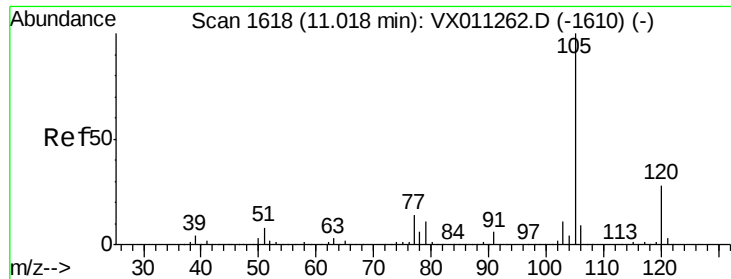
MMDadoda
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX011470.D
Acq: 12 Aug 2019 07:24

Tgt Ion	Ratio	Lower	Upper
152	100		
115	80.3	40.0	119.9
150	173.6	0.0	350.4





#73

Isopropylbenzene

Concen: 49.066 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX011470.D

Acq: 12 Aug 2019 07:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 414894

Ion Ratio Lower Upper

105 100

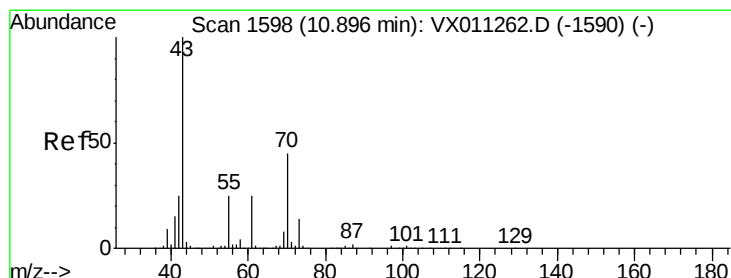
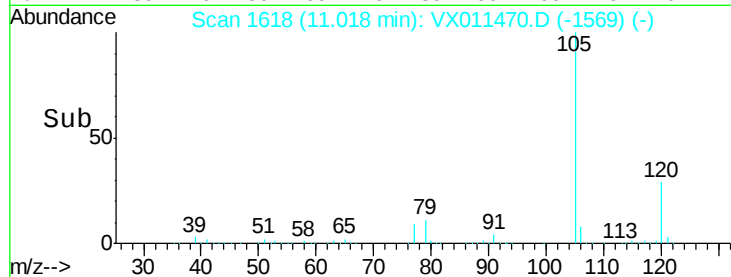
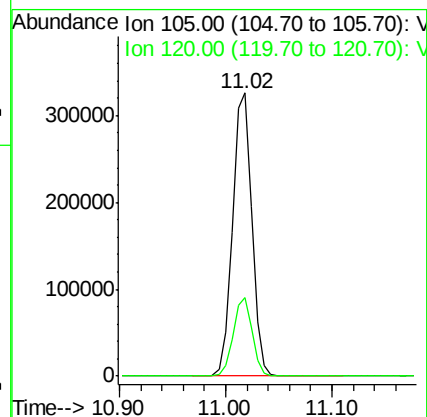
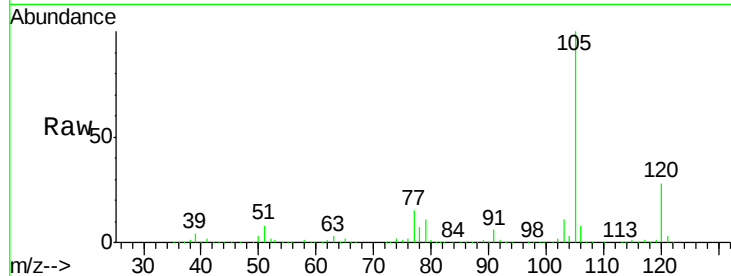
120 27.2 13.7 41.1

Manual Integrations

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#74

N-ethyl acetate

Concen: 54.341 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX011470.D

Acq: 12 Aug 2019 07:24

Tgt Ion: 43 Resp: 166031

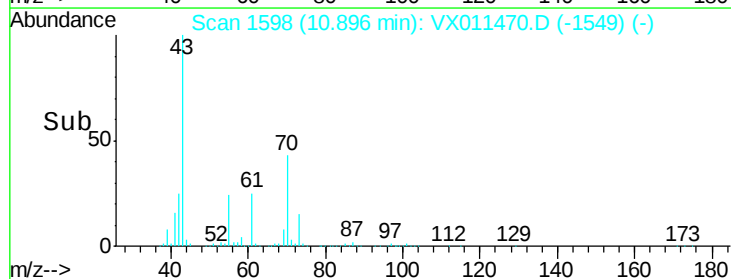
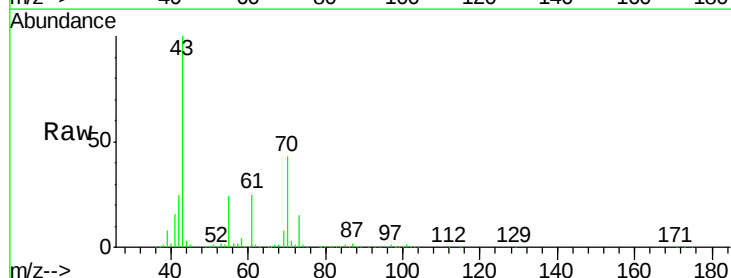
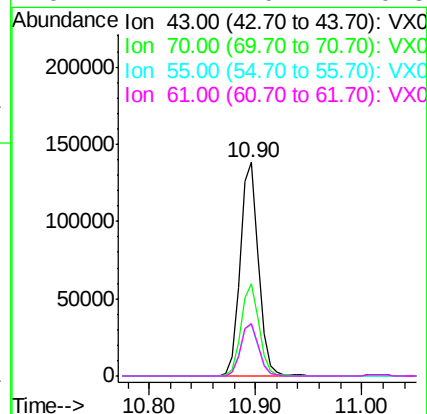
Ion Ratio Lower Upper

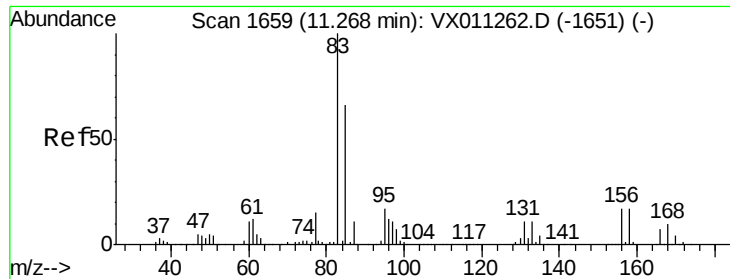
43 100

70 43.1 35.9 53.9

55 24.6 19.8 29.6

61 24.4 19.7 29.5





#75

1,1,2,2-Tetrachloroethane

Concen: 49.295 ug/l

RT: 11.26 min Scan# 1658

Delta R.T. -0.01 min

Lab File: VX011470.D

Acq: 12 Aug 2019 07:24

Instrument :

MSVOA_X

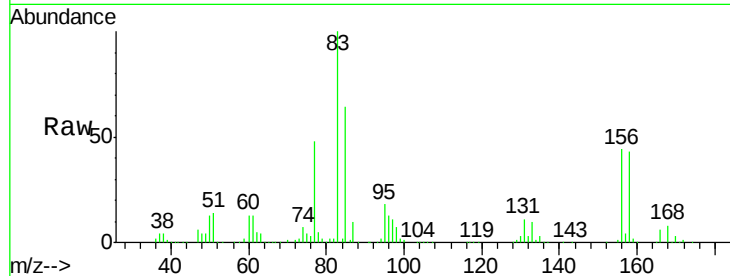
ClientSampled :

VSTDCCC050EC

Tot Ion:	83	Resp:	138910
Ion Ratio	Lower	Upper	
83	100		
131	11.5	5.6	16.8
85	64.5	32.1	96.5

Manual Integrations
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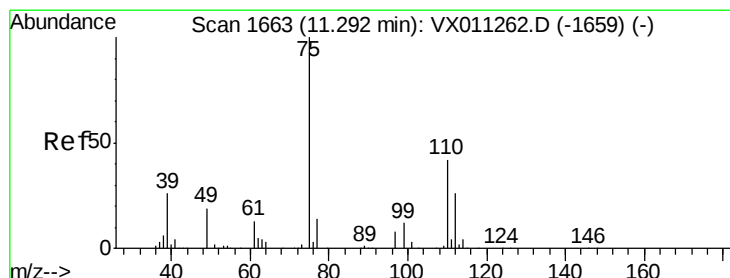
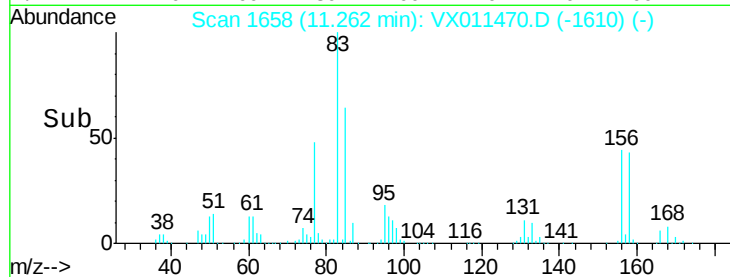
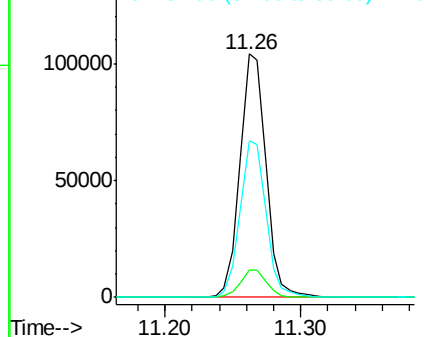
MMDadoda
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Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 52.447 ug/l m

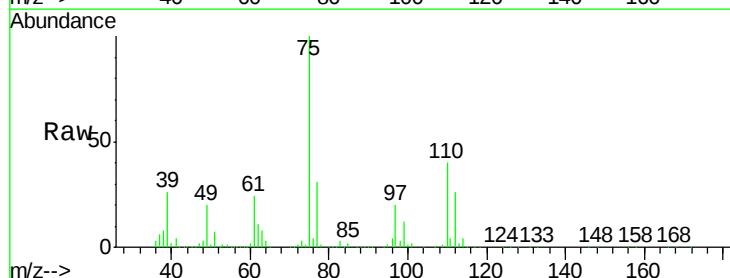
RT: 11.29 min Scan# 1663

Delta R.T. 0.00 min

Lab File: VX011470.D

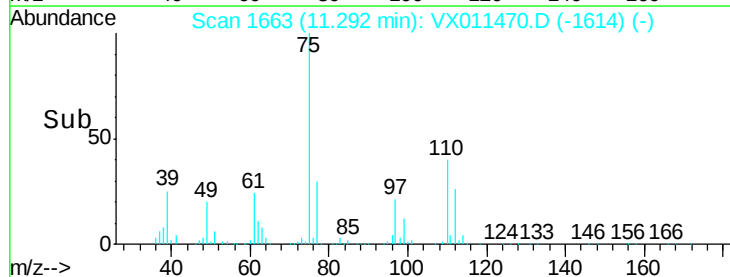
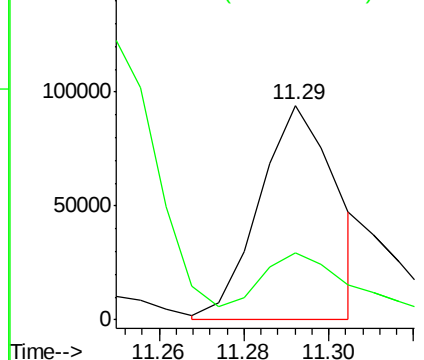
Acq: 12 Aug 2019 07:24

Tgt Ion:	75	Resp:	118088
Ion Ratio	Lower	Upper	
75	100		
77	39.6	21.1	63.4



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 48.192 ug/l

RT: 11.25 min Scan# 1656

Delta R.T. -0.01 min

Lab File: VX011470.D

Acq: 12 Aug 2019 07:24

Instrument :

MSVOA_X

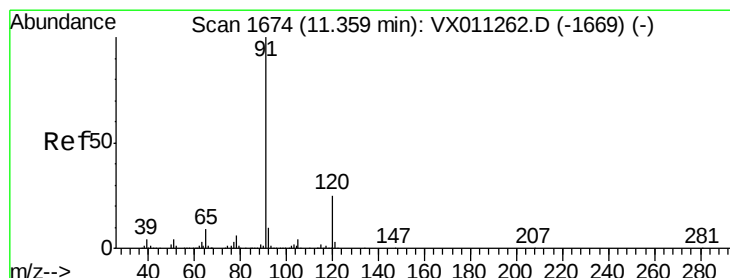
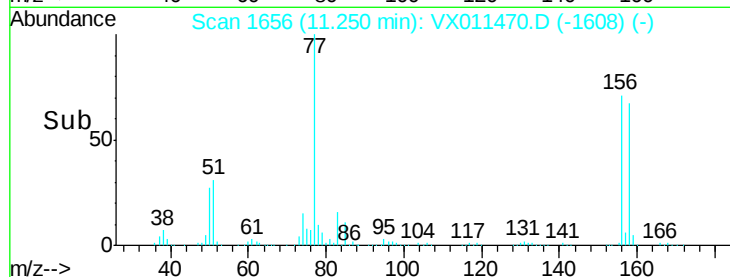
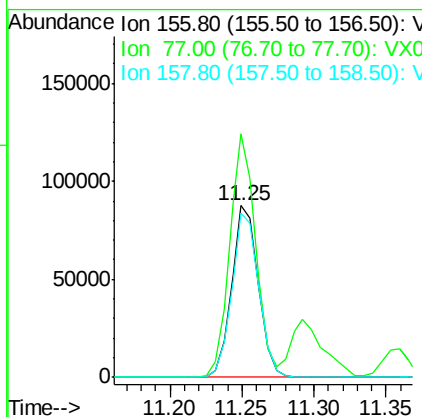
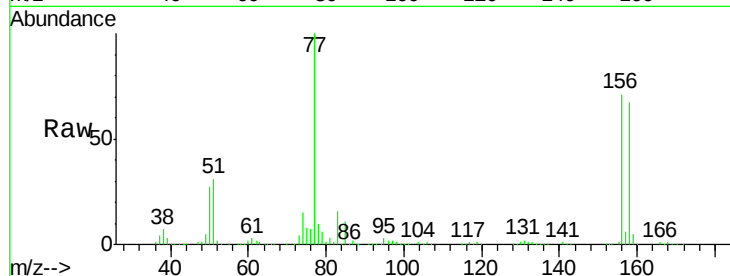
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	113000
Ion Ratio	Lower	Upper	
156	100		
77	139.0	66.2	198.6
158	96.8	49.1	147.3

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#78

n-propylbenzene

Concen: 48.306 ug/l

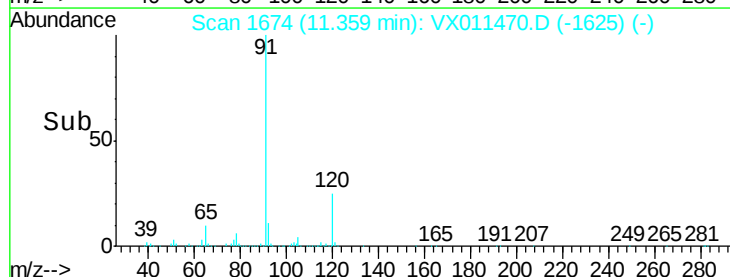
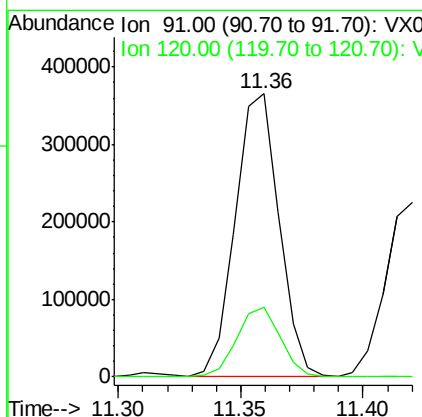
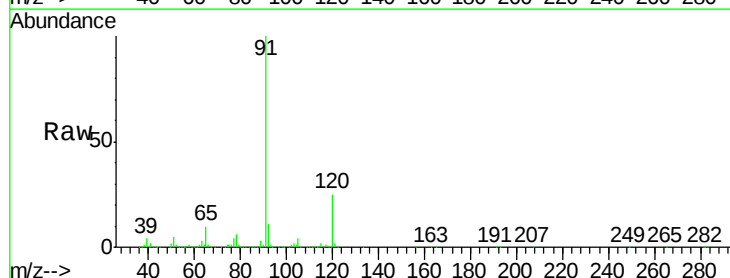
RT: 11.36 min Scan# 1674

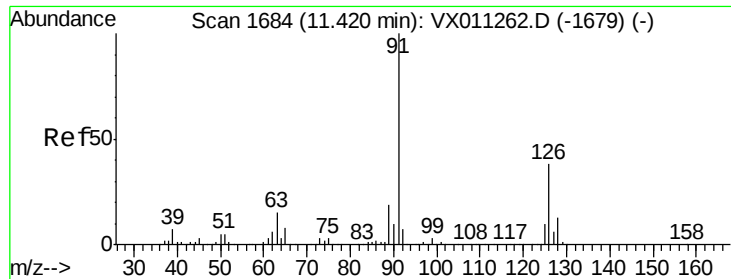
Delta R.T. 0.00 min

Lab File: VX011470.D

Acq: 12 Aug 2019 07:24

Tgt Ion:	91	Resp:	454246
Ion Ratio	Lower	Upper	
91	100		
120	24.5	12.4	37.0





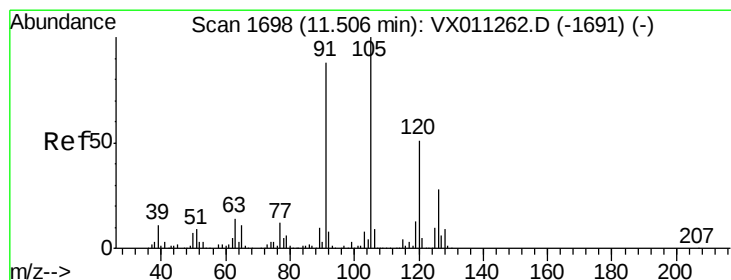
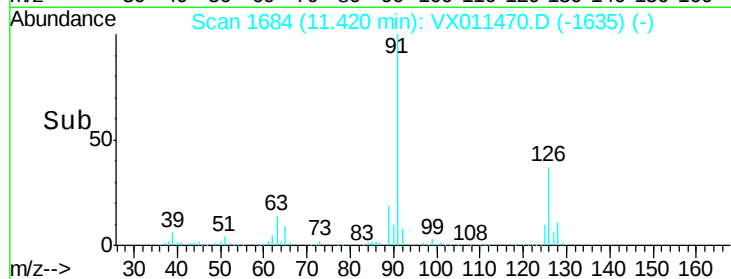
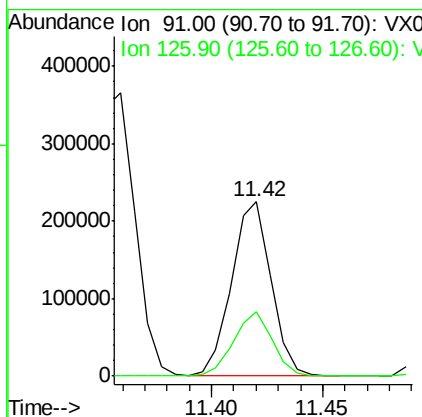
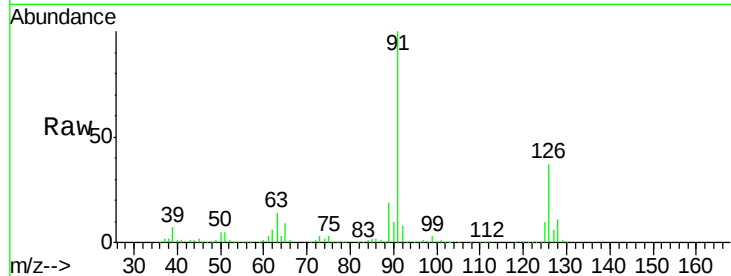
#79
 2-Chlorotoluene
 Concen: 49.517 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. 0.00 min
 Lab File: VX011470.D
 Acq: 12 Aug 2019 07:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 91 Resp: 277533
 Ion Ratio Lower Upper
 91 100
 126 36.2 18.5 55.5

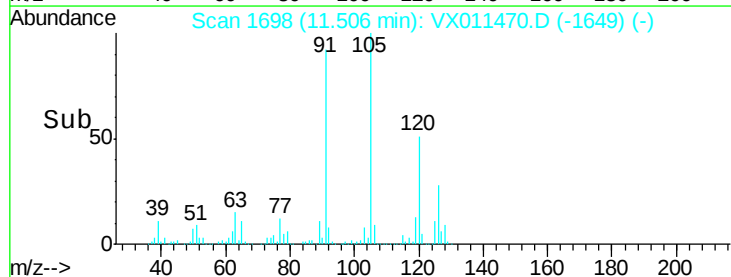
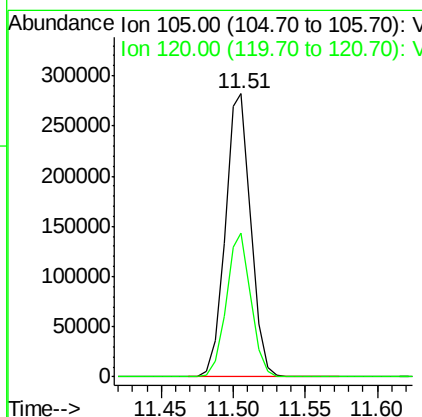
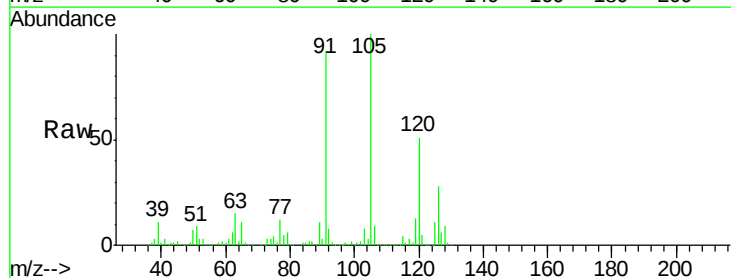
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#80
 1,3,5-Trimethylbenzene
 Concen: 49.508 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX011470.D
 Acq: 12 Aug 2019 07:24

Tgt Ion: 105 Resp: 350440
 Ion Ratio Lower Upper
 105 100
 120 49.3 25.1 75.2





#81

trans-1,4-Dichloro-2-butene

Concen: 39.557 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX011470.D

Acq: 12 Aug 2019 07:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 75 Resp: 32478

Ion Ratio Lower Upper

75 100

53 105.2 78.2 117.4

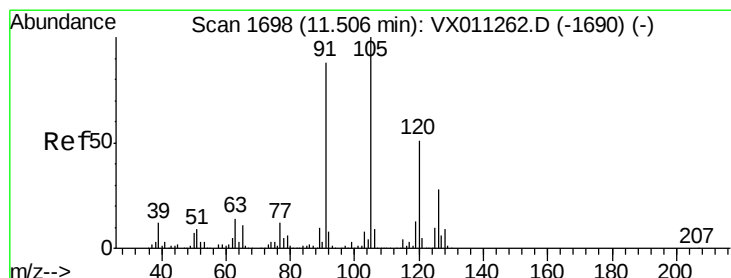
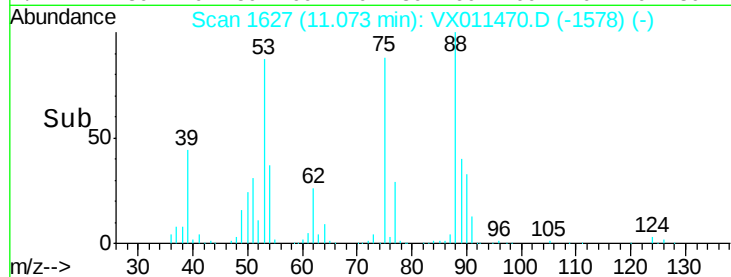
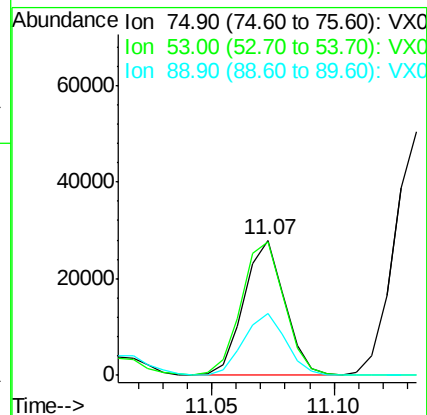
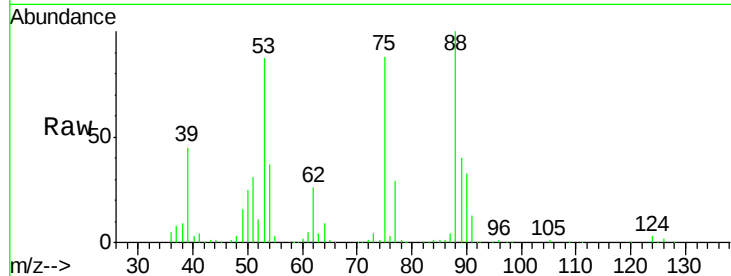
89 47.5 37.9 56.9

Manual Integrations

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#82

4-Chlorotoluene

Concen: 49.972 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX011470.D

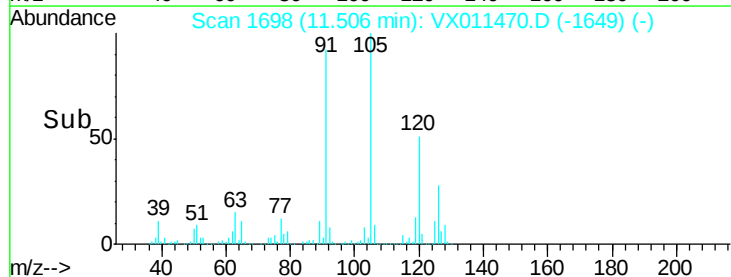
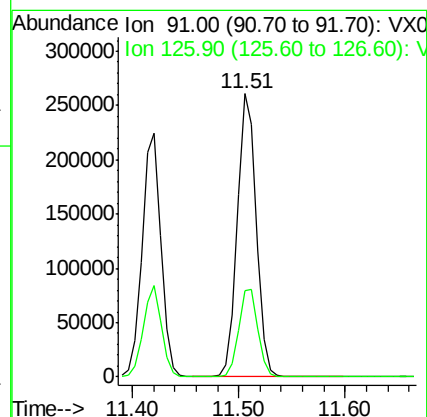
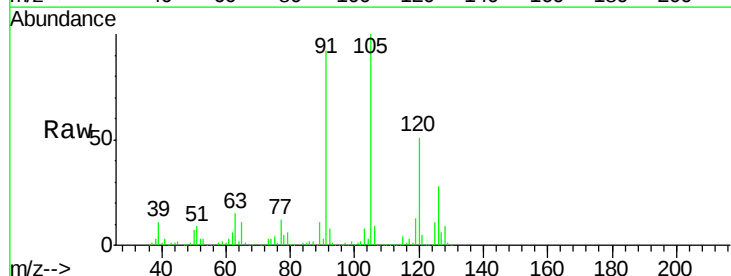
Acq: 12 Aug 2019 07:24

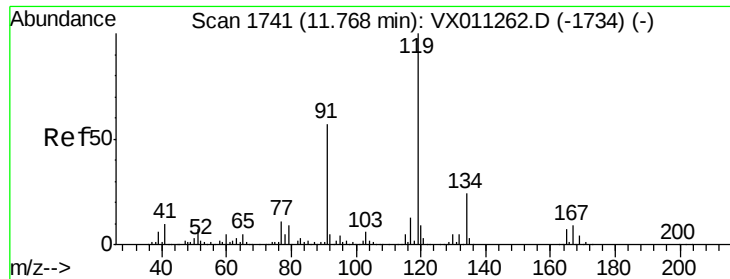
Tgt Ion: 91 Resp: 326410

Ion Ratio Lower Upper

91 100

126 31.3 16.4 49.2





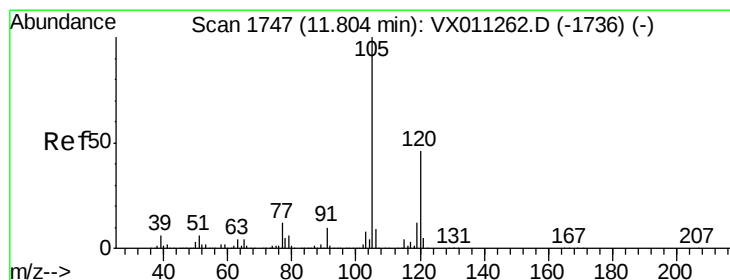
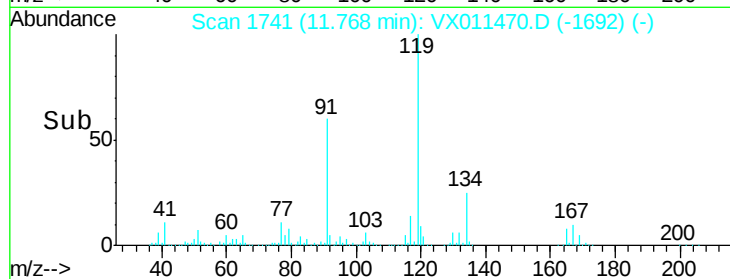
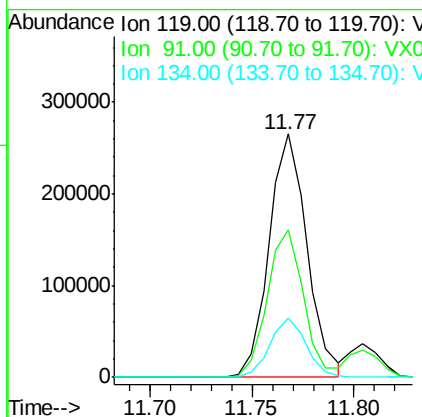
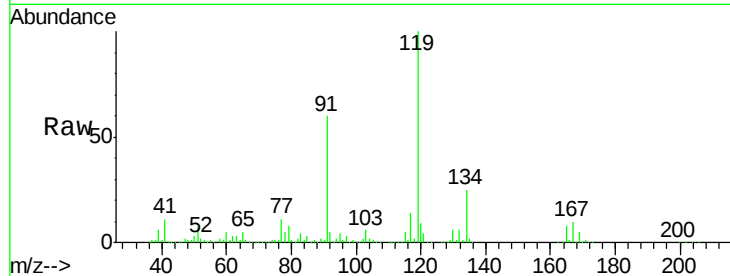
#83
tert-Butylbenzene
Concen: 49.576 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX011470.D
Acq: 12 Aug 2019 07:24

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	58.4	28.0	84.0
134	23.4	11.9	35.5

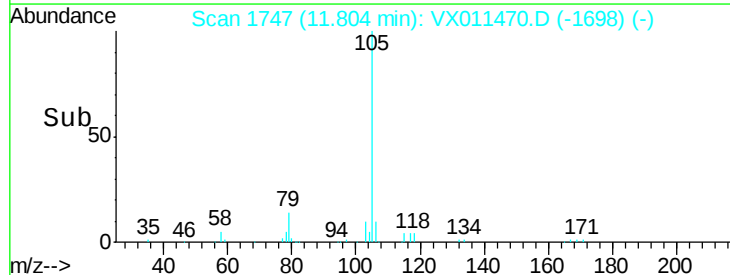
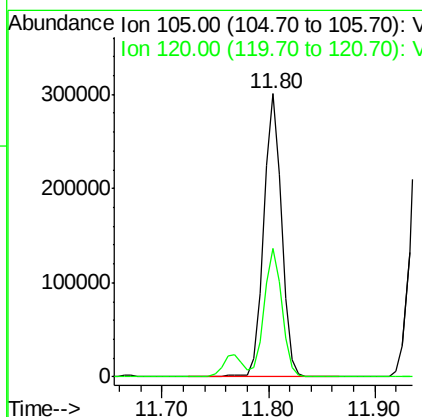
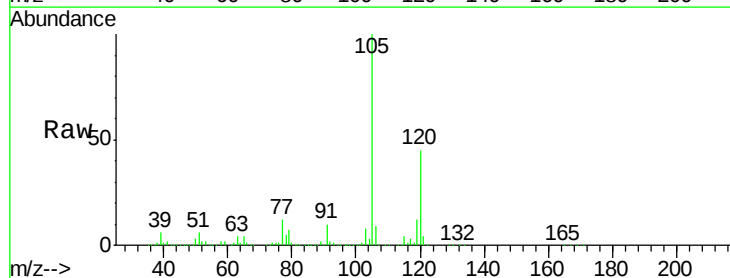
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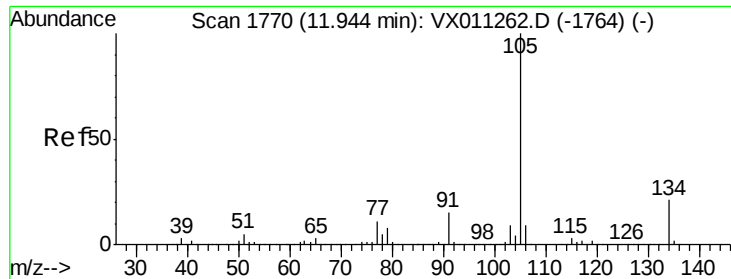
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#84
1,2,4-Trimethylbenzene
Concen: 50.049 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VX011470.D
Acq: 12 Aug 2019 07:24

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.4	23.0	69.0





#85

sec-Butylbenzene

Concen: 48.376 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX011470.D

Acq: 12 Aug 2019 07:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 403503

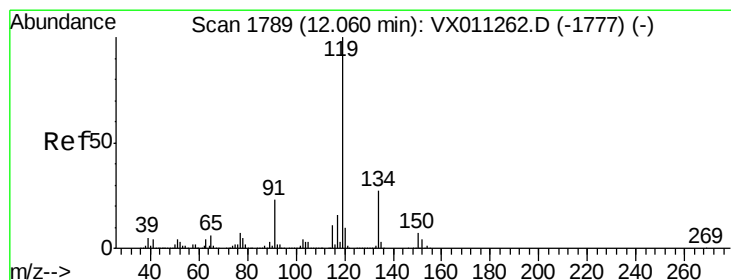
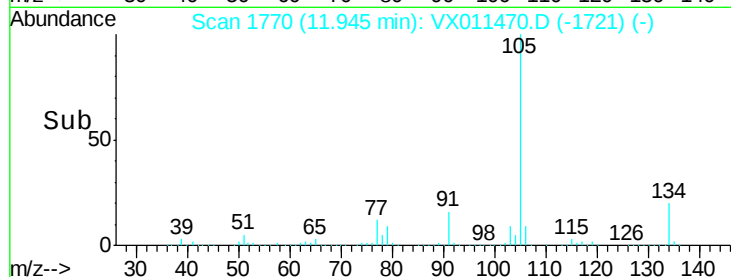
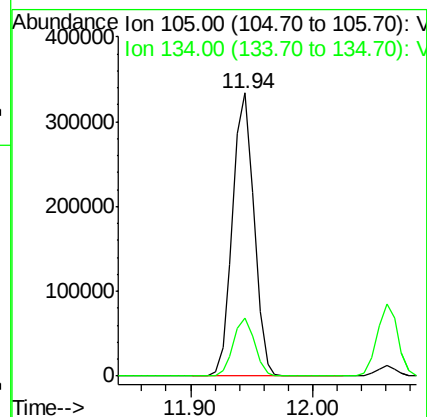
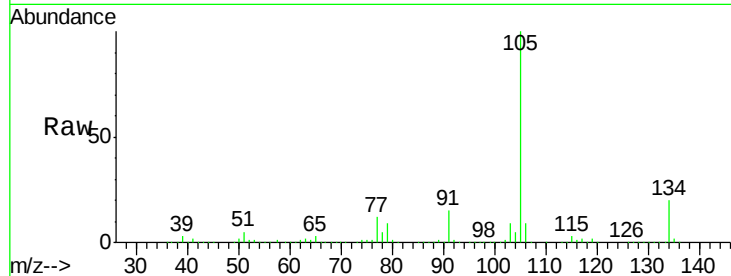
Ion Ratio Lower Upper

105 100

134 20.3 10.4 31.4

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#86

p-Isopropyltoluene

Concen: 48.881 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX011470.D

Acq: 12 Aug 2019 07:24

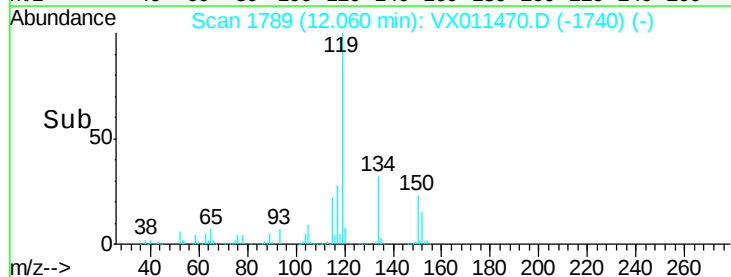
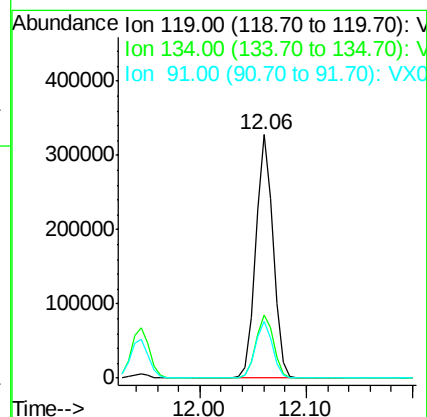
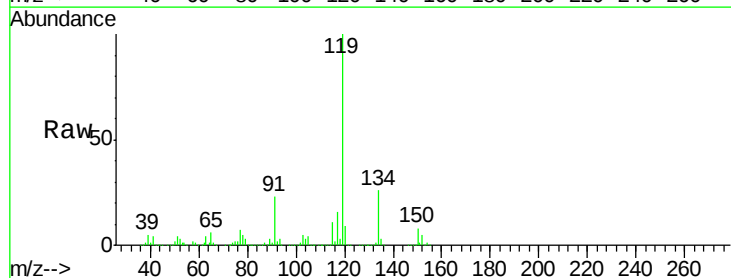
Tgt Ion:119 Resp: 375084

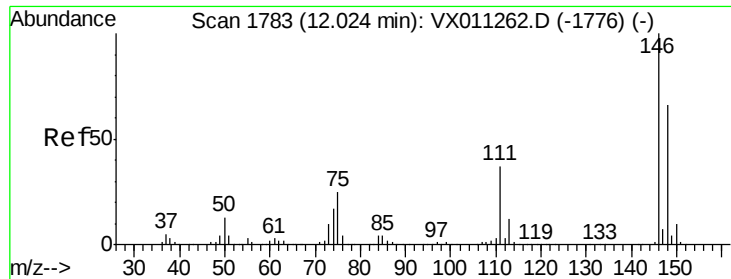
Ion Ratio Lower Upper

119 100

134 26.9 13.7 41.0

91 23.1 11.4 34.2





#87

1,3-Dichlorobenzene

Concen: 47.868 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VX011470.D

Acq: 12 Aug 2019 07:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:146 Resp: 198318

Ion Ratio Lower Upper

146 100

111 38.4 18.6 55.8

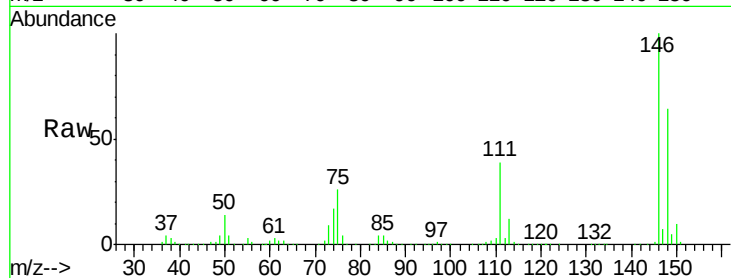
148 63.7 32.5 97.5

Manual Integrations

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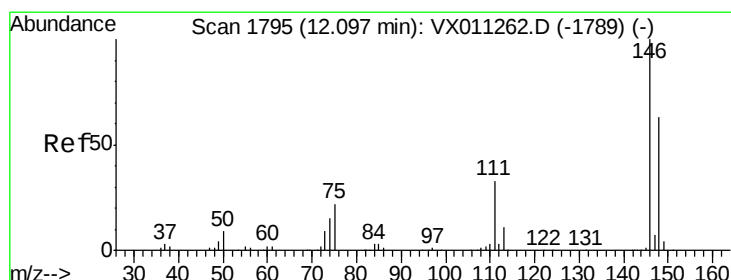
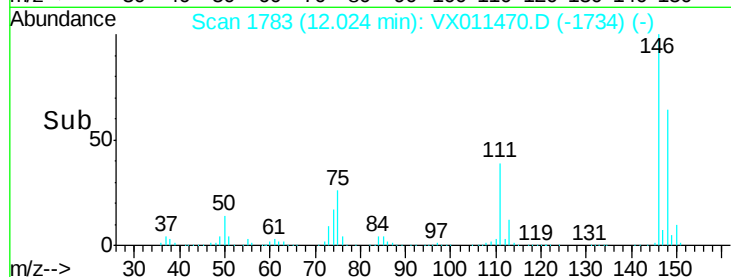
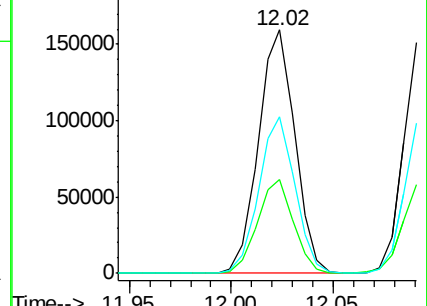
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Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 46.756 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VX011470.D

Acq: 12 Aug 2019 07:24

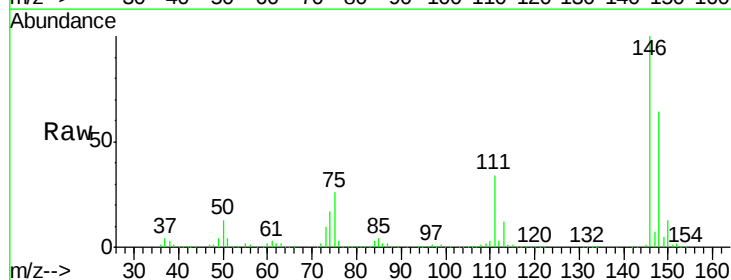
Tgt Ion:146 Resp: 199746

Ion Ratio Lower Upper

146 100

111 37.2 17.8 53.4

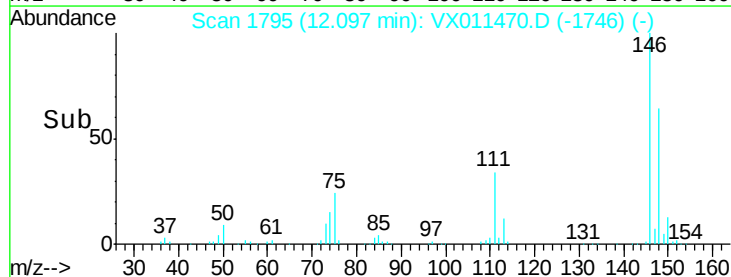
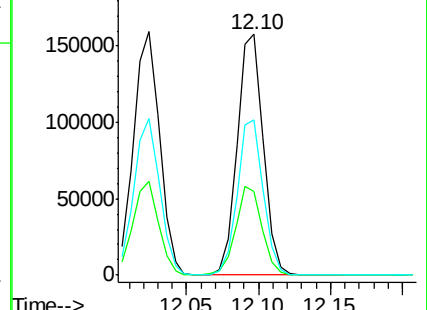
148 64.4 31.8 95.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





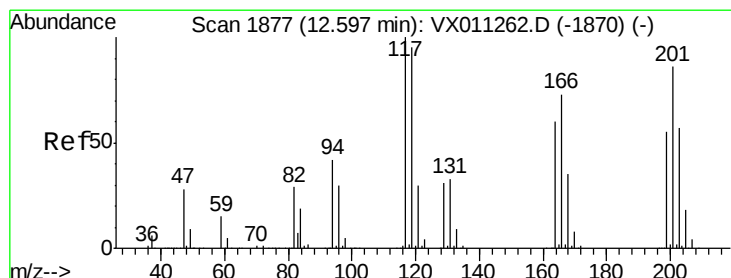
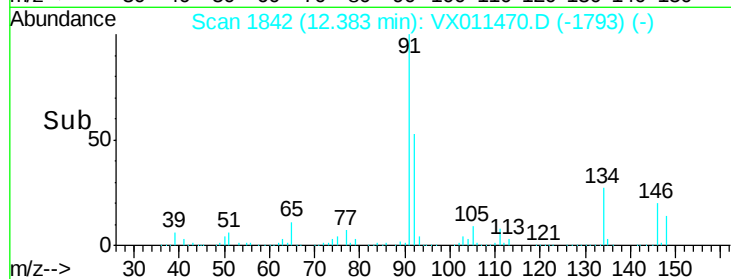
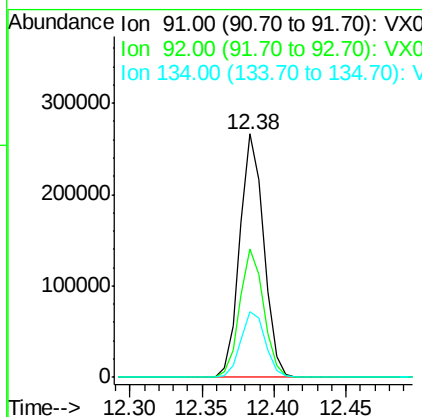
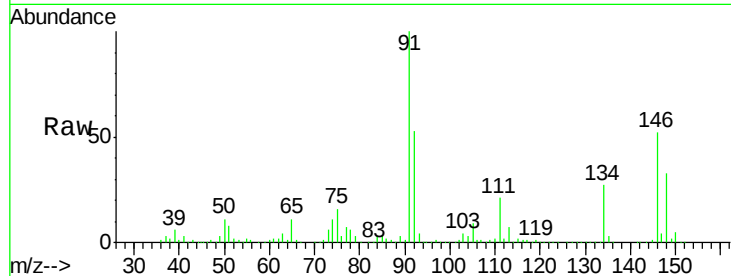
#89
n-Butylbenzene
Concen: 46.640 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX011470.D
Acq: 12 Aug 2019 07:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
91	100	308335		
92	52.6		25.8	77.3
134	27.5		13.7	41.0

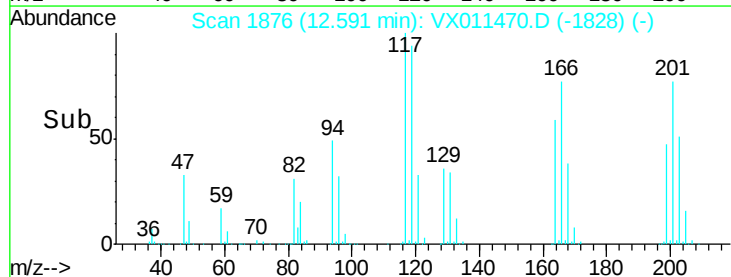
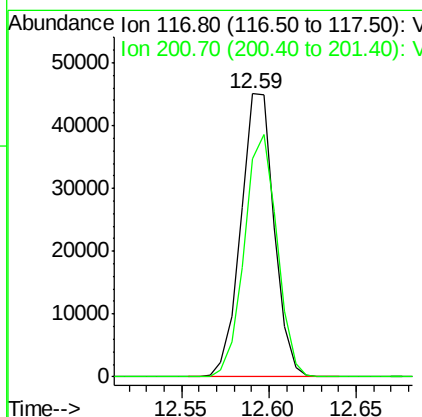
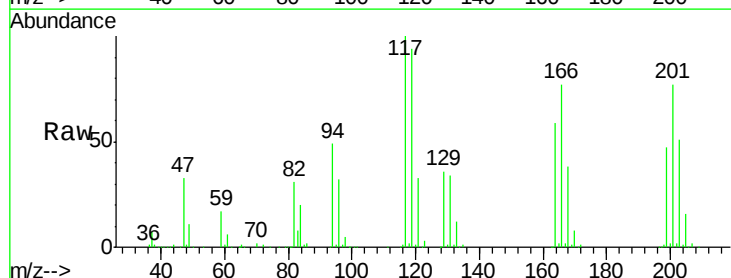
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#90
Hexachloroethane
Concen: 52.517 ug/l
RT: 12.59 min Scan# 1876
Delta R.T. -0.01 min
Lab File: VX011470.D
Acq: 12 Aug 2019 07:24

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	59579		
201	84.0		41.8	125.4





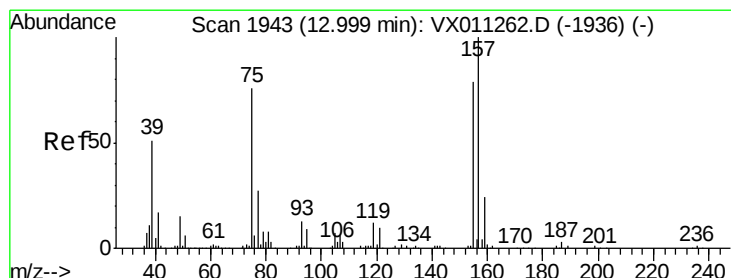
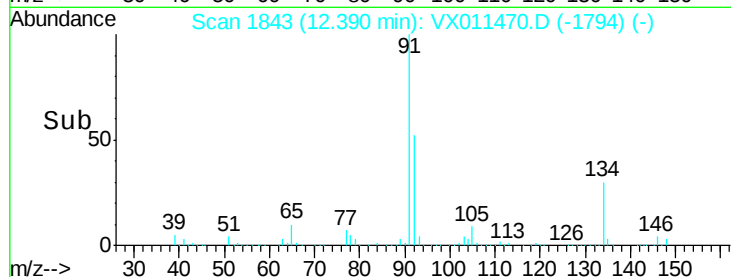
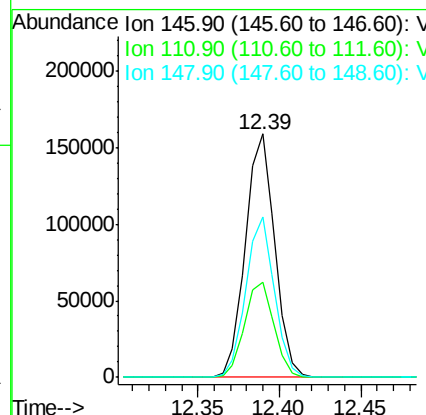
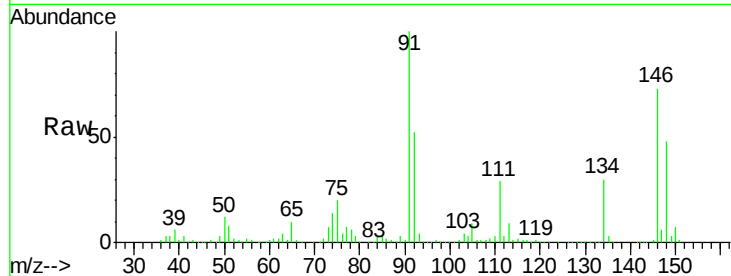
#91
 1,2-Dichlorobenzene
 Concen: 47.811 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX011470.D
 Acq: 12 Aug 2019 07:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
146	100	199025		
111	39.6	19.1	57.1	
148	64.2	32.3	96.8	

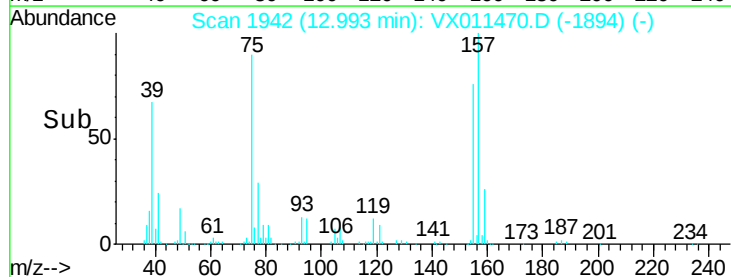
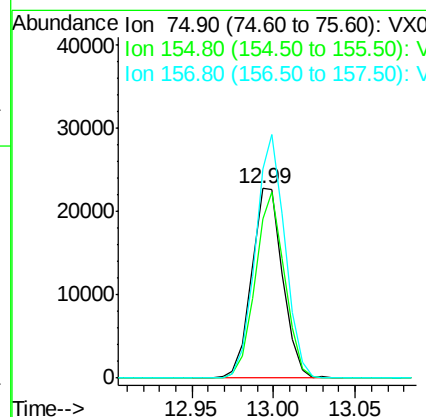
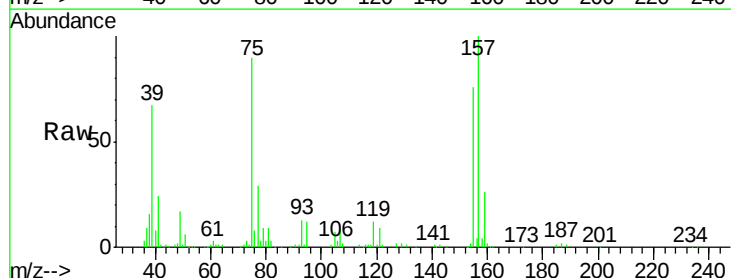
Manual Integrations
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 55.174 ug/l
 RT: 12.99 min Scan# 1942
 Delta R.T. -0.01 min
 Lab File: VX011470.D
 Acq: 12 Aug 2019 07:24

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	30122		
155	92.5	51.9	155.8	
157	122.0	64.3	192.7	





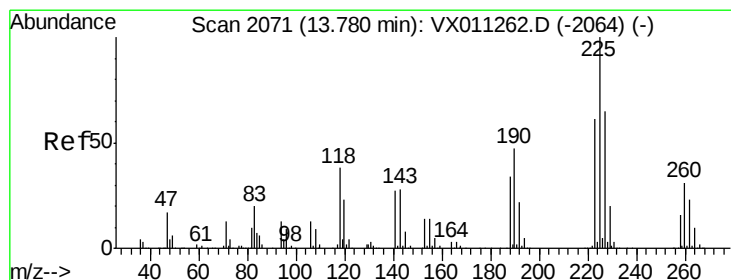
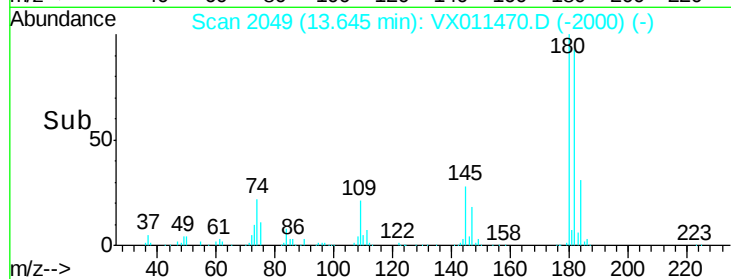
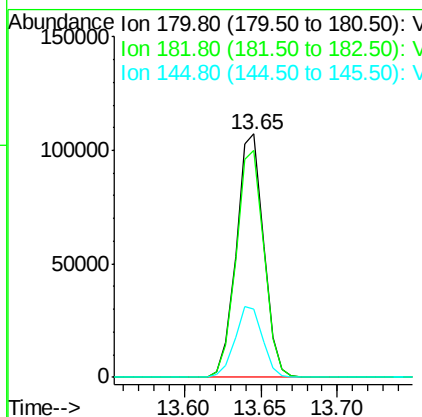
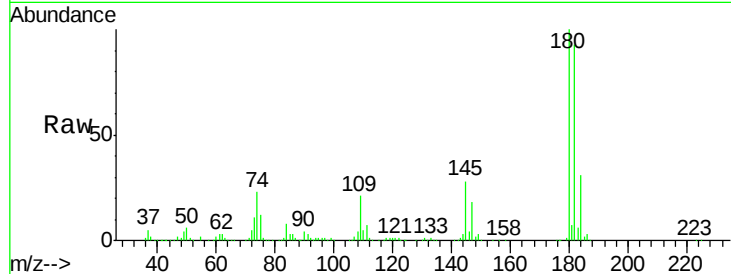
#93
 1,2,4-Trichlorobenzene
 Concen: 47.916 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX011470.D
 Acq: 12 Aug 2019 07:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	132281		
182	94.5	47.8	143.4	
145	29.5	14.8	44.3	

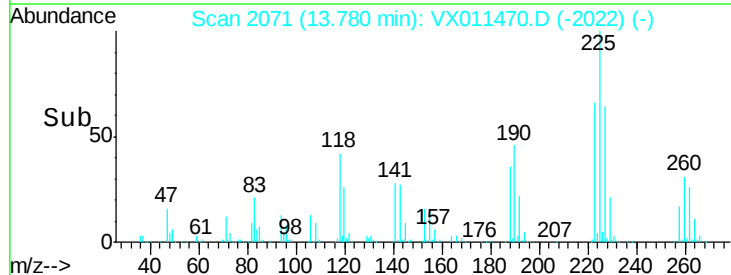
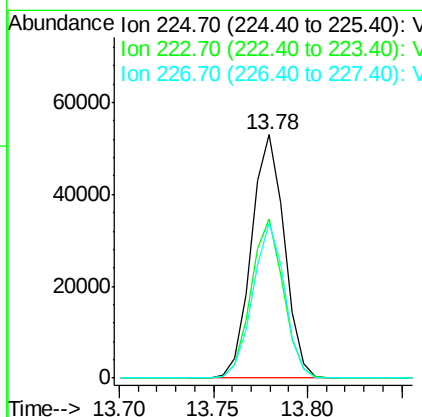
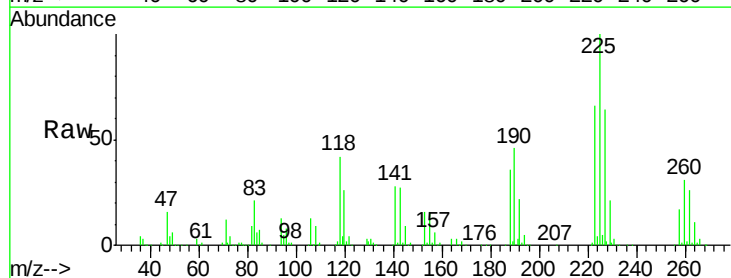
Manual Integrations
 APPROVED

MMDadoda
 8/12/2019 10:29:51 AM



#94
 Hexachlorobutadiene
 Concen: 45.829 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX011470.D
 Acq: 12 Aug 2019 07:24

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	64190		
223	64.1	31.0	93.0	
227	61.5	32.2	96.6	





#95

Naphthalene

Concen: 52.273 ug/l

RT: 13.83 min Scan# 2079

Delta R.T. -0.01 min

Lab File: VX011470.D

Acq: 12 Aug 2019 07:24

Instrument :

MSVOA_X

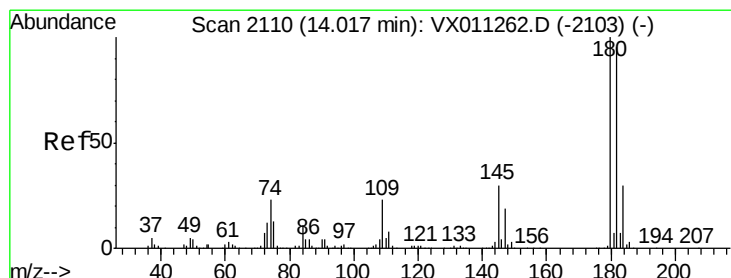
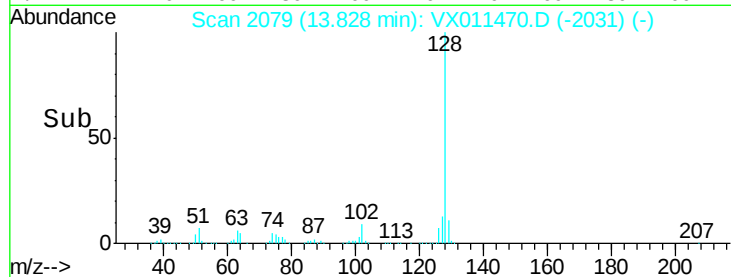
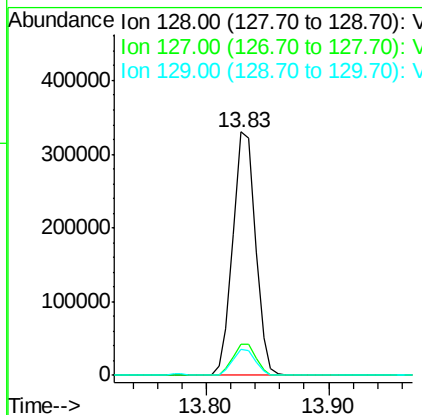
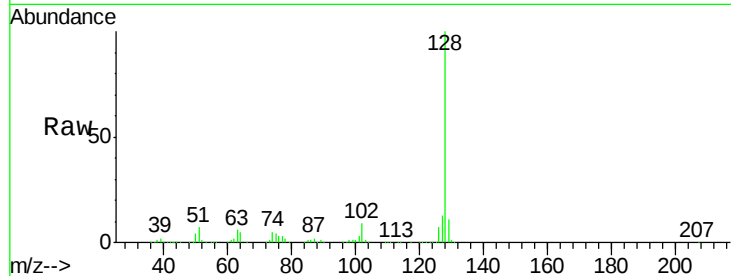
ClientSampleId :

VSTDCCC050EC

Tot Ion:	128	Resp:	422013
Ion Ratio	Lower	Upper	
128	100		
127	13.0	10.4	15.6
129	10.8	8.9	13.3

Manual Integrations
APPROVED

MMDadoda
8/12/2019 10:29:51 AM



#96

1,2,3-Trichlorobenzene

Concen: 47.971 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. 0.00 min

Lab File: VX011470.D

Acq: 12 Aug 2019 07:24

Tgt Ion:	180	Resp:	134634
Ion Ratio	Lower	Upper	
180	100		
182	95.0	47.4	142.3
145	31.5	15.2	45.6

